

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
 Data File : BF091849.D
 Acq On : 21 Dec 2016 22:29
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

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 12/22/2016 7:08:58 PM

Quant Time: Dec 22 03:33:59 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	299920	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	1172892	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	619839	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	944755	20.00	ng	0.00
75) Chrysene-d12	13.91	240	744707	20.00	ng	0.00
86) Perylene-d12	15.30	264	618223	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1582238	88.09	ng	0.00
7) Phenol-d6	6.40	99	1694265	77.26	ng	-0.01
23) Nitrobenzene-d5	7.32	82	1558386	73.88	ng	0.00
41) 2,4,6-Tribromophenol	10.58	330	383680	74.80	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	2356114	76.61	ng	0.00
78) Terphenyl-d14	12.85	244	2012665	65.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.29	88	399267	45.15	ng	98
3) Pyridine	2.98	79	1134639	36.76	ng	96
4) n-Nitrosodimethylamine	2.94	42	447145	38.41	ng	99
6) Aniline	6.41	93	1068115	37.50	ng	# 77
8) 2-Chlorophenol	6.53	128	748783	36.65	ng	98
9) Benzaldehyde	6.29	77	489096	38.58	ng	99
10) Phenol	6.42	94	925820	37.05	ng	98
11) bis(2-Chloroethyl)ether	6.49	93	732432	36.84	ng	98
12) 1,3-Dichlorobenzene	6.69	146	833783	38.23	ng	99
13) 1,4-Dichlorobenzene	6.76	146	816064	36.76	ng	99
14) 1,2-Dichlorobenzene	6.92	146	762448	39.58	ng	100
15) Benzyl Alcohol	6.90	79	603476	35.42	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.04	45	1086017	36.68	ng	98
17) 2-Methylphenol	7.02	107	656837	39.97	ng	97
18) Hexachloroethane	7.26	117	317839	38.62	ng	98
19) n-Nitroso-di-n-propylamine	7.17	70	529455	36.29	ng	99
20) 3+4-Methylphenols	7.17	107	729397	37.22	ng	# 82
22) Acetophenone	7.17	105	1125536	38.91	ng	# 98
24) Nitrobenzene	7.34	77	884913	39.39	ng	# 81
25) Isophorone	7.58	82	1507944	38.75	ng	99
26) 2-Nitrophenol	7.65	139	407750	36.80	ng	97
27) 2,4-Dimethylphenol	7.70	122	678760	36.94	ng	99
28) bis(2-Chloroethoxy)methane	7.79	93	870821	36.90	ng	100
29) 2,4-Dichlorophenol	7.90	162	632331	40.64	ng	94
30) 1,2,4-Trichlorobenzene	7.98	180	680805	39.93	ng	98
31) Naphthalene	8.06	128	2151220	40.07	ng	99
32) Benzoic acid	7.85	122	518483	38.04	ng	99
33) 4-Chloroaniline	8.11	127	877977	36.27	ng	99
34) Hexachlorobutadiene	8.18	225	365224	40.58	ng	99
35) Caprolactam	8.50	113	203970	39.89	ng	# 74
36) 4-Chloro-3-methylphenol	8.60	107	630952	35.24	ng	98
37) 2-Methylnaphthalene	8.75	142	1359814	40.26	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	607931	38.82	ng	99
40) Hexachlorocyclopentadiene	8.90	237	240747	36.78	ng	93

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Quant Time: Dec 22 03:33:59 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	422705	38.60	nq	100
43) 2,4,5-Trichlorophenol	9.07	196	419101	37.18	nq	95
45) 1,1'-Biphenyl	9.22	154	1771097	41.73	nq	99
46) 2-Chloronaphthalene	9.24	162	1325881	39.45	nq	99
47) 2-Nitroaniline	9.33	65	420037	35.10	nq	97
48) Acenaphthylene	9.65	152	2039127	39.45	nq	99
49) Dimethylphthalate	9.53	163	1577032	39.78	nq	100
50) 2,6-Dinitrotoluene	9.58	165	367608	42.37	nq	97
51) Acenaphthene	9.82	154	1306191	37.27	nq	100
52) 3-Nitroaniline	9.76	138	430132	40.06	nq	# 69
53) 2,4-Dinitrophenol	9.86	184	197523	40.91	nq	# 91
54) Dibenzofuran	10.00	168	1739254	36.75	nq	98
55) 4-Nitrophenol	9.93	139	310605	42.60	nq	# 72
56) 2,4-Dinitrotoluene	9.98	165	419355	38.51	nq	95
57) Fluorene	10.34	166	1376758	39.99	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.12	232	328572	36.86	nq	97
59) Diethylphthalate	10.21	149	1351506	35.10	nq	99
60) 4-Chlorophenyl-phenylether	10.33	204	537332	35.64	nq	98
61) 4-Nitroaniline	10.36	138	383573	34.47	nq	98
62) Azobenzene	10.49	77	1538870	36.30	nq	98
64) 4,6-Dinitro-2-methylphenol	10.40	198	281125	49.21	nq	90
65) n-Nitrosodiphenylamine	10.45	169	1208065	43.09	nq	99
66) 4-Bromophenyl-phenylether	10.82	248	400569	40.76	nq	92
67) Hexachlorobenzene	10.89	284	432609	41.18	nq	# 87
68) Atrazine	10.98	200	295607	32.69	nq	97
69) Pentachlorophenol	11.08	266	223532	43.37	nq	99
70) Phenanthrene	11.30	178	1972076	38.50	nq	98
71) Anthracene	11.34	178	1901742	40.45	nq	100
72) Carbazole	11.50	167	1942959	46.97	nq	99
73) Di-n-butylphthalate	11.84	149	1977031	40.30	nq	99
74) Fluoranthene	12.48	202	1871934	41.34	nq	98
76) Benzidine	12.60	184	756626	38.59	nq	99
77) Pyrene	12.70	202	2013566	36.85	nq	100
79) Butylbenzylphthalate	13.33	149	926212	37.27	nq	# 79
80) Benzo(a)anthracene	13.89	228	1448982	34.47	nq	99
81) 3,3'-Dichlorobenzidine	13.86	252	588259	36.90	nq	# 97
82) Chrysene	13.93	228	1470723	34.88	nq	99
83) Bis(2-ethylhexyl)phthalate	13.89	149	1071038	36.60	nq	# 96
84) Di-n-octyl phthalate	14.50	149	1897966	35.01	nq	99
85) Indeno(1,2,3-cd)pyrene	16.64	276	1290263	35.32	nq	99
87) Benzo(b)fluoranthene	14.91	252	1700608m	44.18	nq	
88) Benzo(k)fluoranthene	14.93	252	1079385m	32.89	nq	
89) Benzo(a)pyrene	15.24	252	1320131	38.64	nq	99
90) Dibenzo(a,h)anthracene	16.65	278	1078101	38.39	nq	100
91) Benzo(g,h,i)perylene	17.04	276	1101682	37.73	nq	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

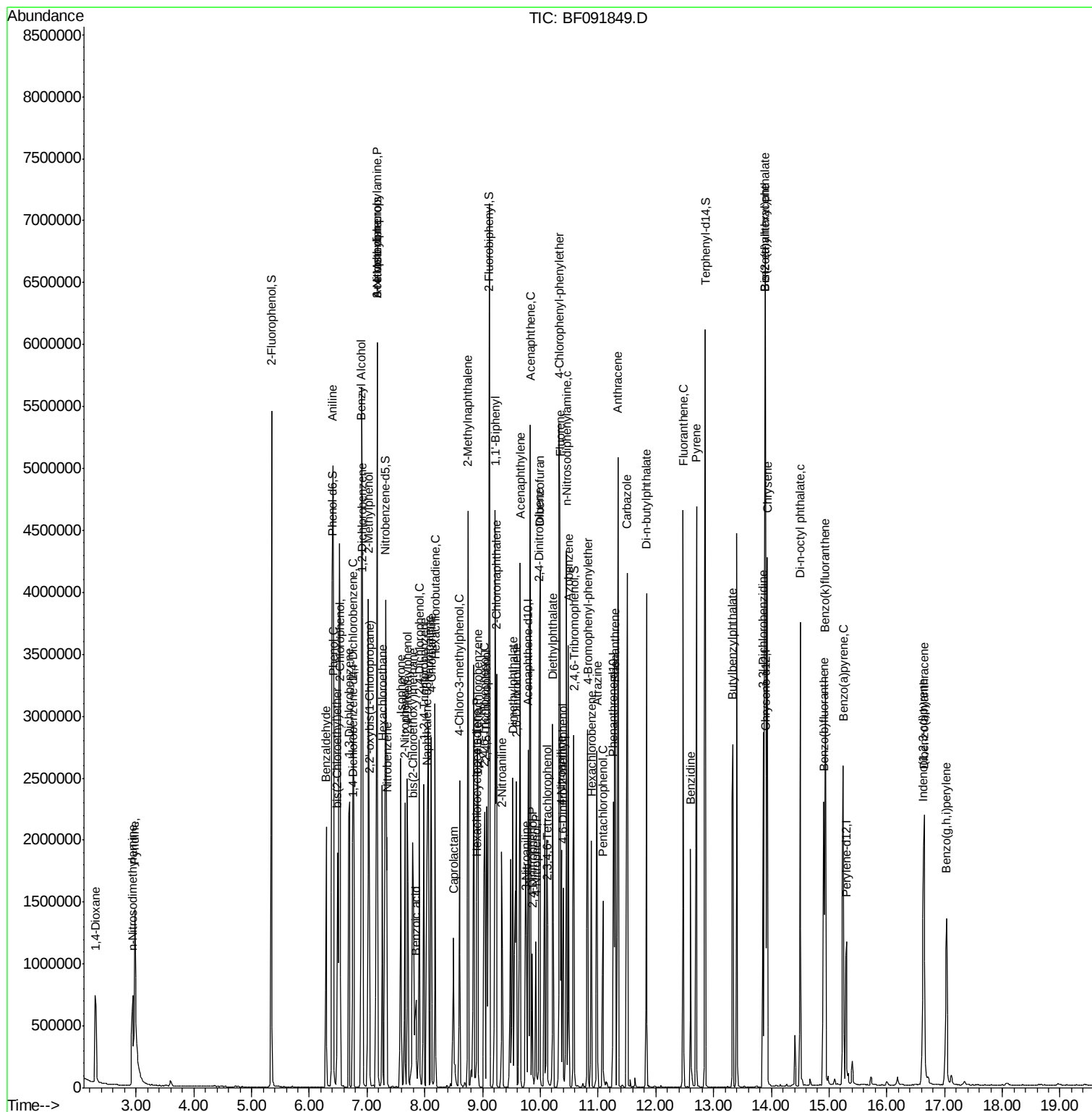
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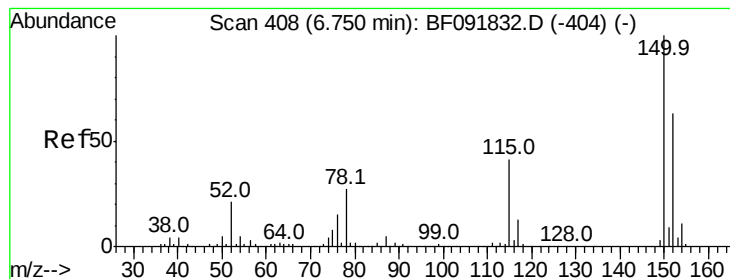
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 BNA_F
 Client Sampled :
 SSTDCCC040

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF091849.D

Acq: 21 Dec 2016 22:29

Instrument :

BNA_F

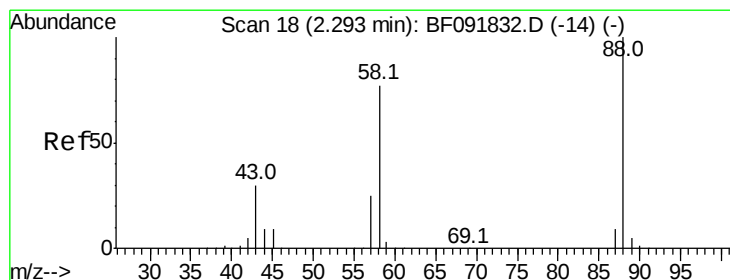
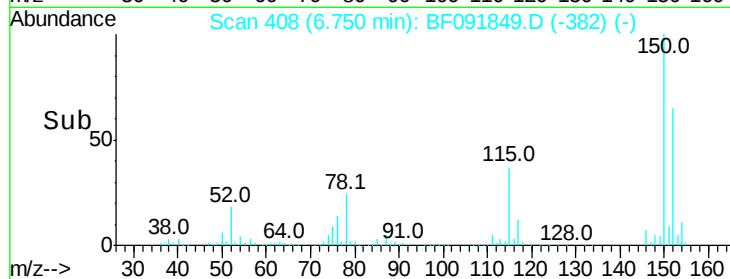
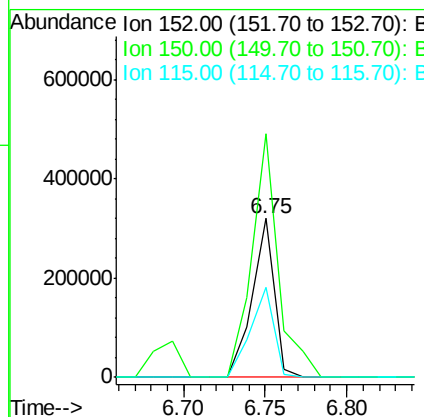
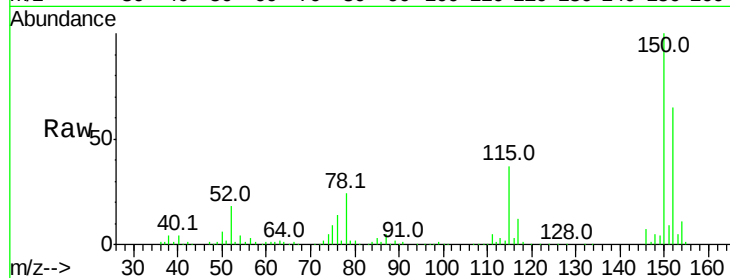
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.9	187.3
115	57.0	46.0	69.0

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#2

1,4-Dioxane

Concen: 45.15 ng

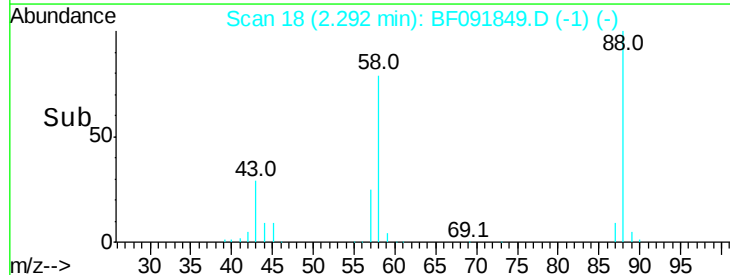
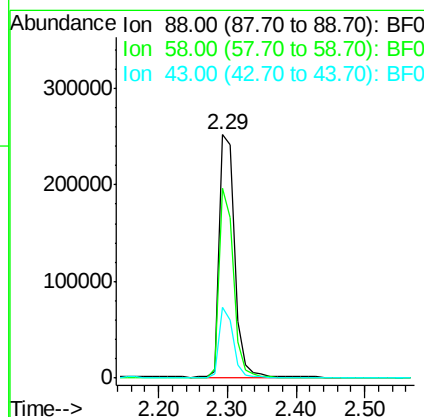
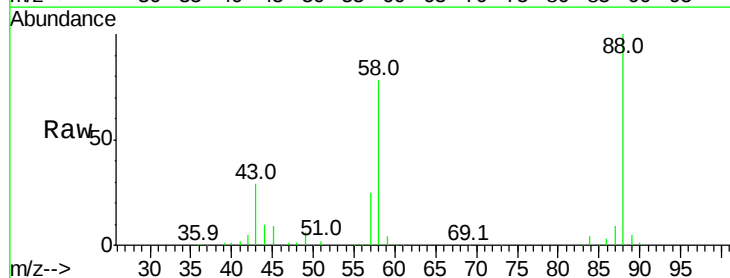
RT: 2.29 min Scan# 18

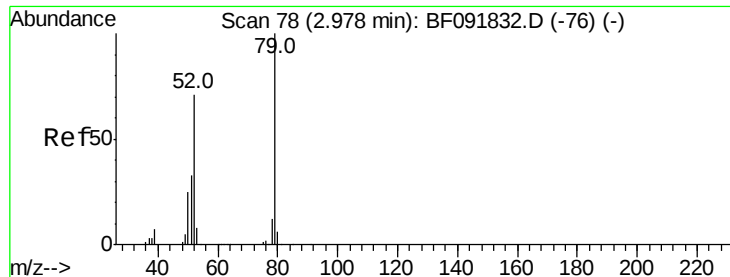
Delta R.T. -0.00 min

Lab File: BF091849.D

Acq: 21 Dec 2016 22:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.7	57.8	86.8
43	27.0	22.3	33.5





#3

Pvridine

Concen: 36.76 ng

RT: 2.98 min Scan# 78

Delta R.T. -0.00 min

Lab File: BF091849.D

Acq: 21 Dec 2016 22:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 1134639

Ion Ratio Lower Upper

79 100

52 67.3 57.1 85.7

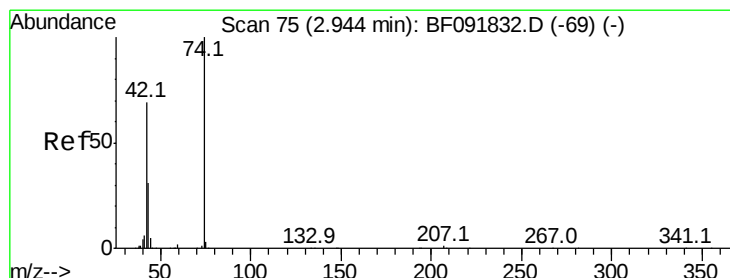
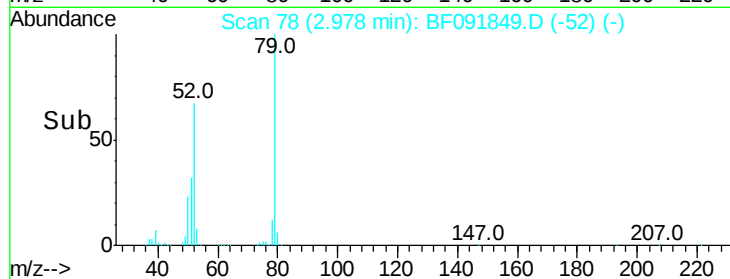
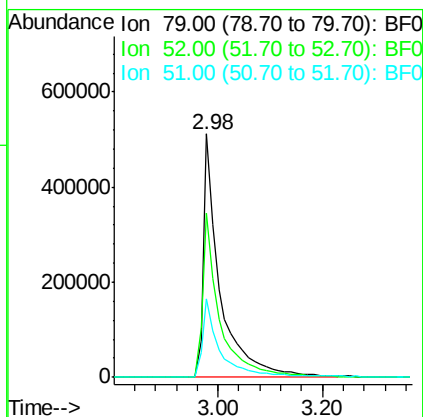
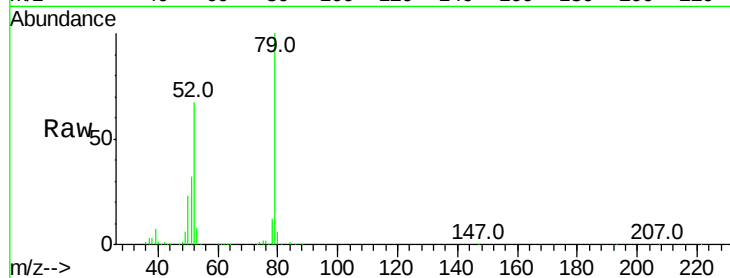
51 32.1 27.3 40.9

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 38.41 ng

RT: 2.94 min Scan# 75

Delta R.T. -0.00 min

Lab File: BF091849.D

Acq: 21 Dec 2016 22:29

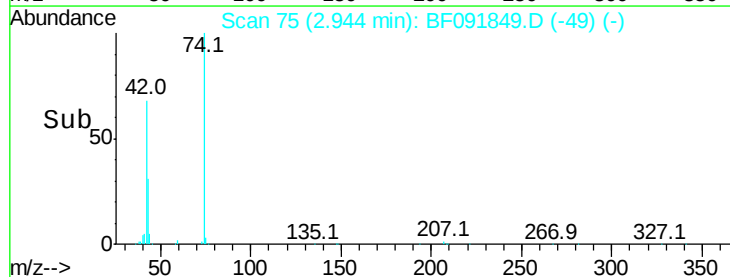
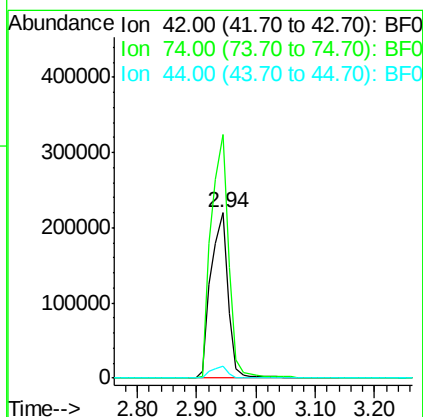
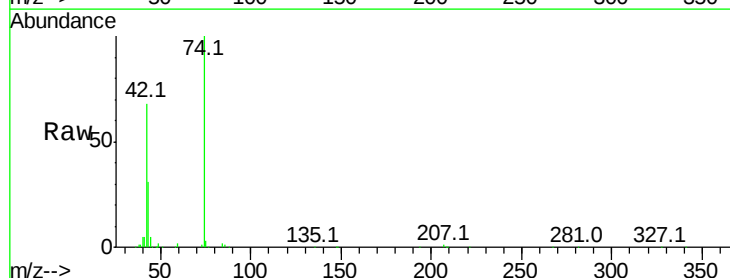
Tgt Ion: 42 Resp: 447145

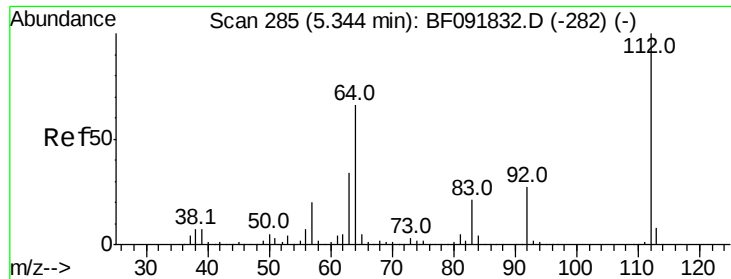
Ion Ratio Lower Upper

42 100

74 147.3 117.0 175.4

44 7.2 5.5 8.3





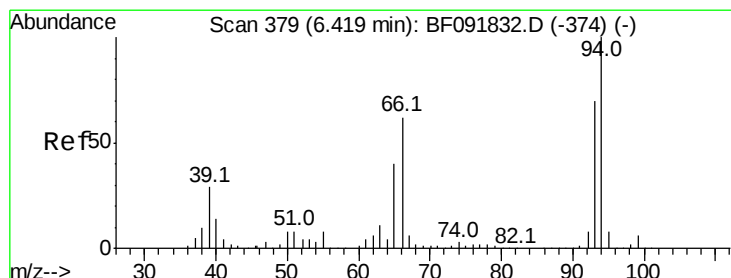
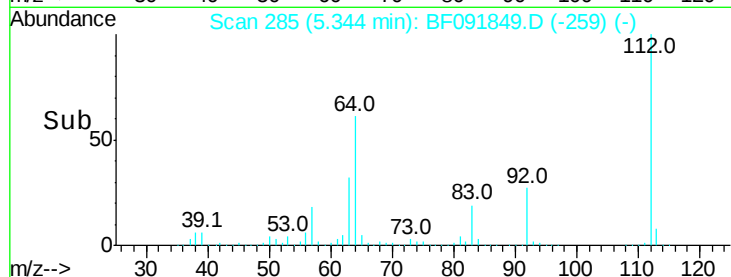
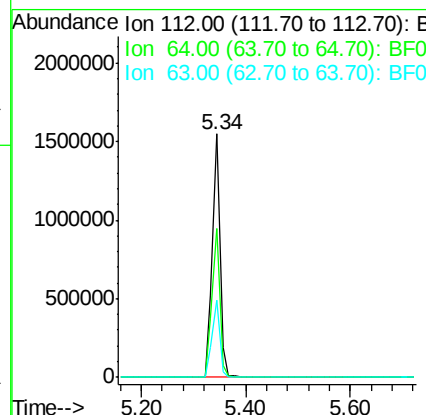
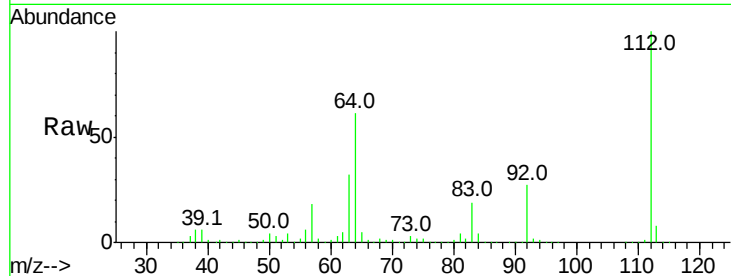
#5
2-Fluorophenol
Concen: 88.09 ng
RT: 5.34 min Scan# 285
Delta R.T. 0.00 min
Lab File: BF091849.D
Acq: 21 Dec 2016 22:29

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
112	100		
64	61.4	46.1	69.1
63	31.6	23.8	35.6

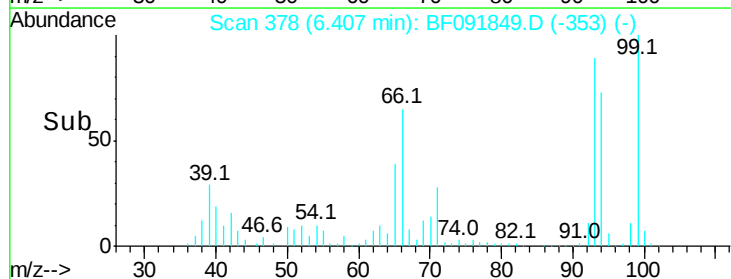
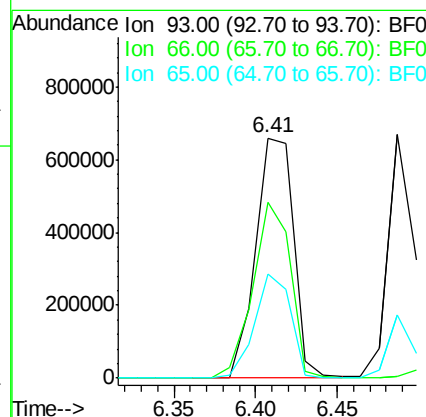
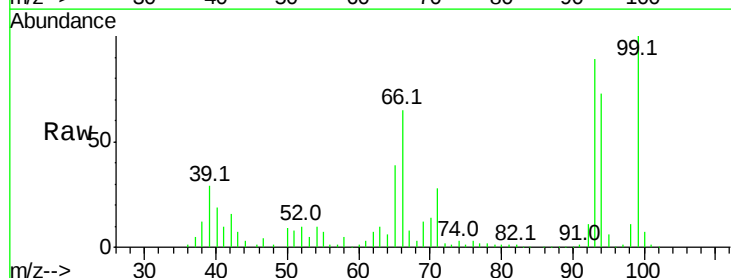
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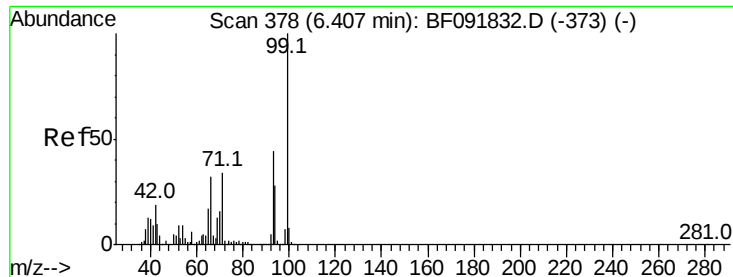
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#6
Aniline
Concen: 37.50 ng
RT: 6.41 min Scan# 378
Delta R.T. -0.01 min
Lab File: BF091849.D
Acq: 21 Dec 2016 22:29

Tgt Ion	Ratio	Lower	Upper
93	100		
66	73.1	76.2	114.2#
65	43.2	49.3	73.9#





#7

Phenol-d6

Concen: 77.26 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF091849.D

Acq: 21 Dec 2016 22:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1694265

Ion Ratio Lower Upper

99 100

42 19.4 15.6 23.4

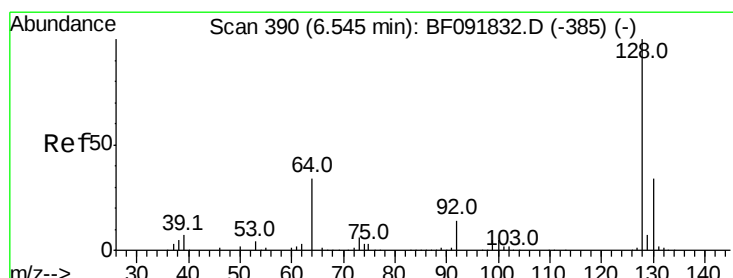
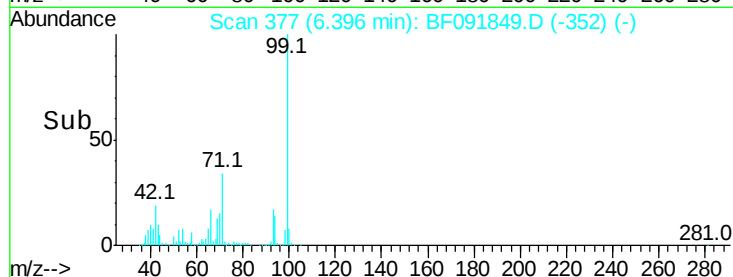
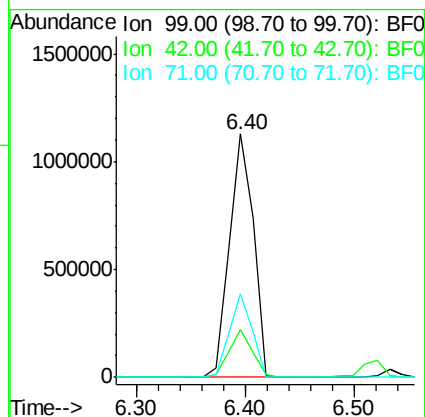
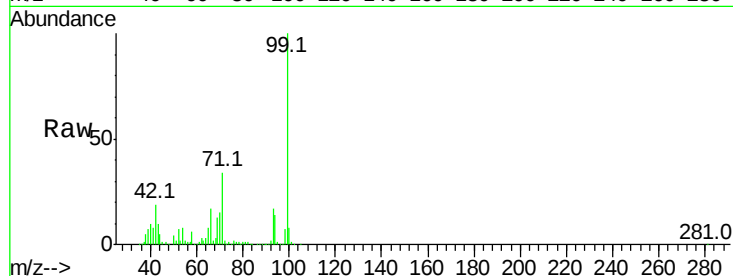
71 34.2 27.5 41.3

Manual Integrations

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#8

2-Chlorophenol

Concen: 36.65 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF091849.D

Acq: 21 Dec 2016 22:29

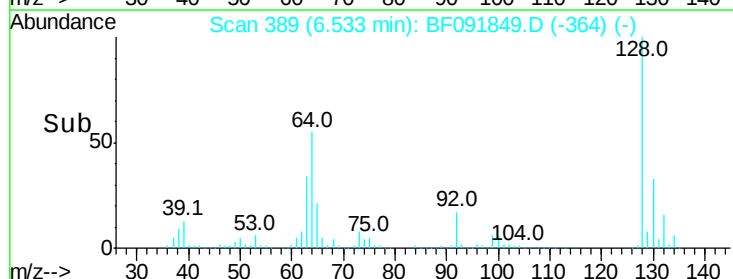
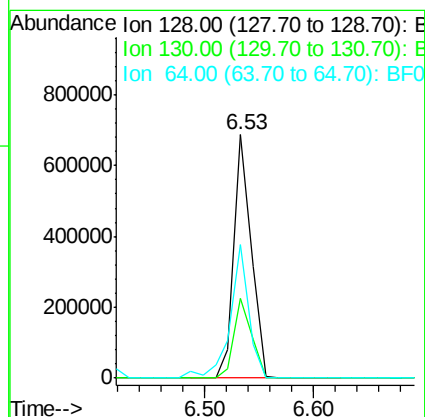
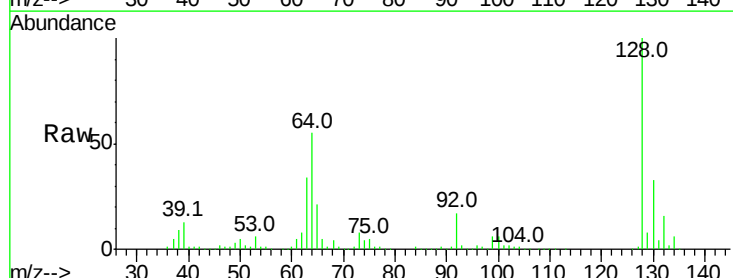
Tgt Ion: 128 Resp: 748783

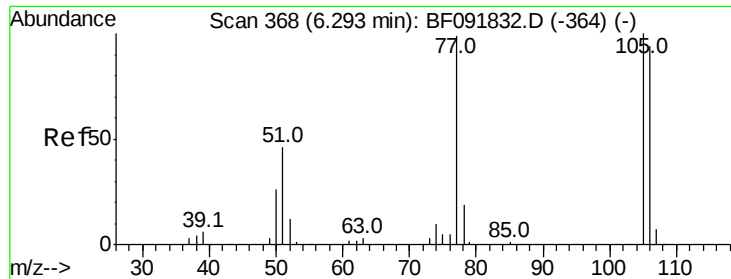
Ion Ratio Lower Upper

128 100

130 32.6 12.3 52.3

64 54.6 32.2 72.2





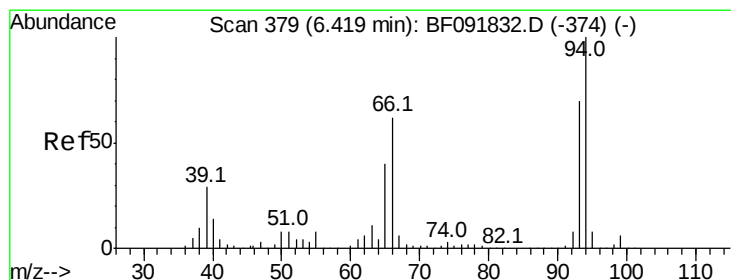
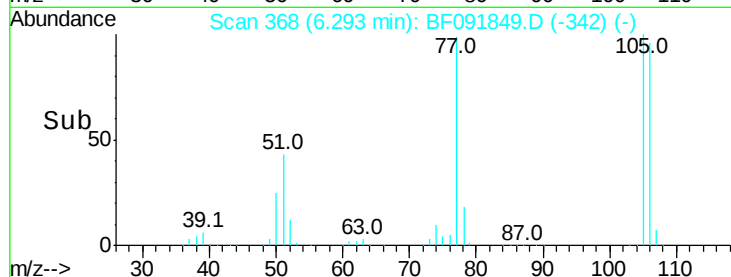
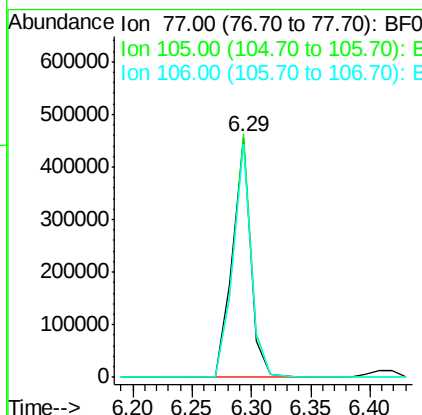
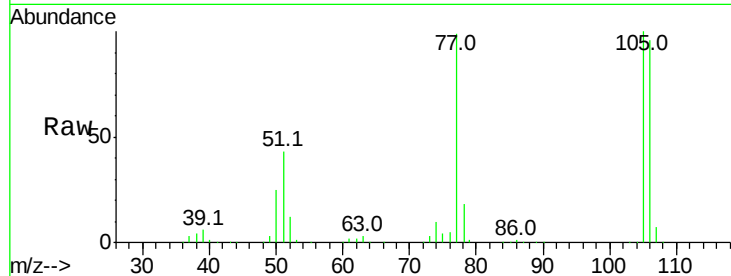
#9
Benzaldehyde
Concen: 38.58 ng
RT: 6.29 min Scan# 368
Delta R.T. -0.00 min
Lab File: BF091849.D
Acq: 21 Dec 2016 22:29

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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
77	100		
105	101.4	83.9	123.9
106	97.2	77.6	117.6

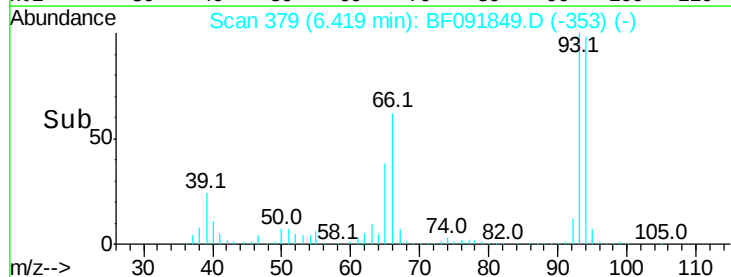
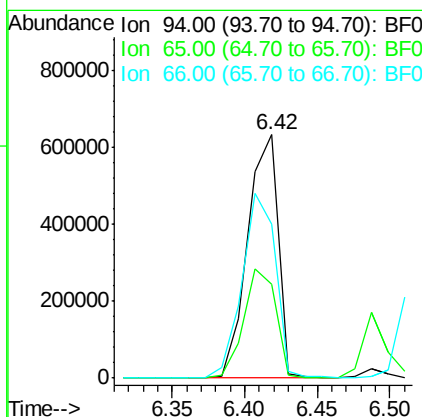
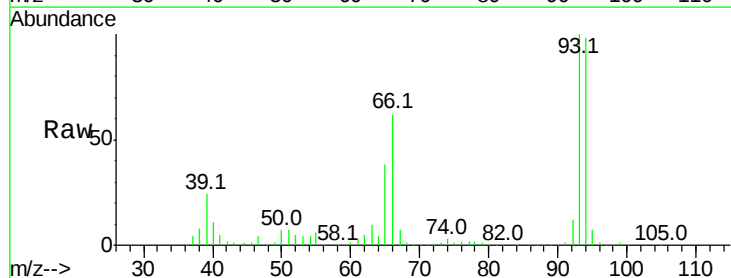
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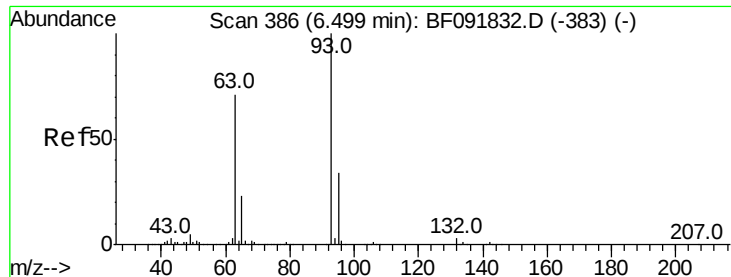
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#10
Phenol
Concen: 37.05 ng
RT: 6.42 min Scan# 379
Delta R.T. -0.00 min
Lab File: BF091849.D
Acq: 21 Dec 2016 22:29

Tgt Ion	Ratio	Lower	Upper
94	100		
65	38.5	21.4	61.4
66	63.4	44.0	84.0





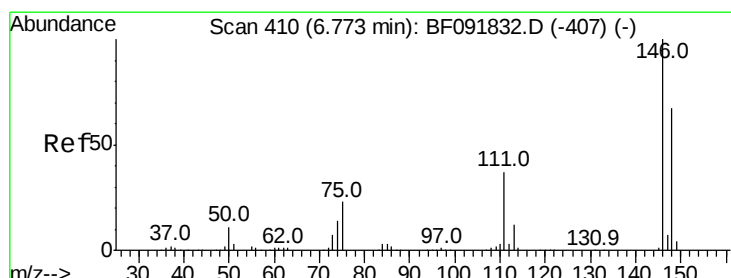
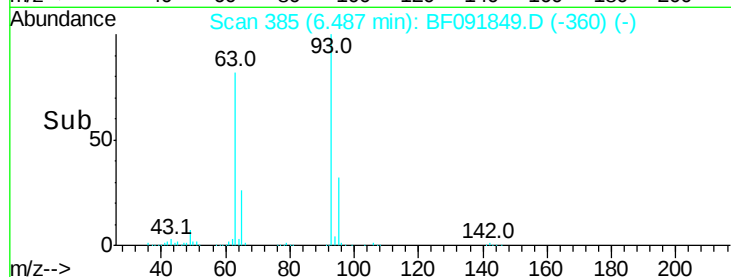
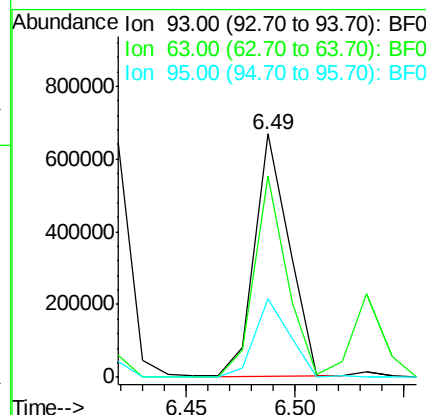
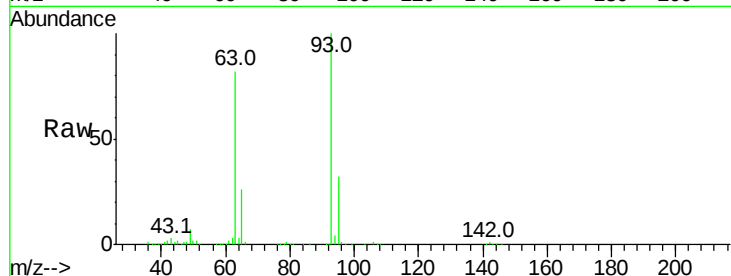
#11
bis(2-Chloroethyl)ether
Concen: 36.84 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.01 min
Lab File: BF091849.D
Acq: 21 Dec 2016 22:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	82.5	60.4	100.4
95	32.4	12.8	52.8

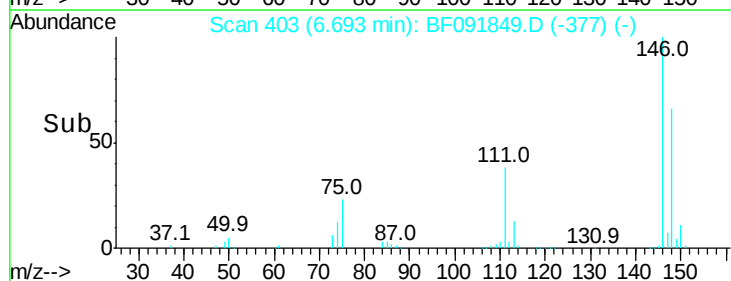
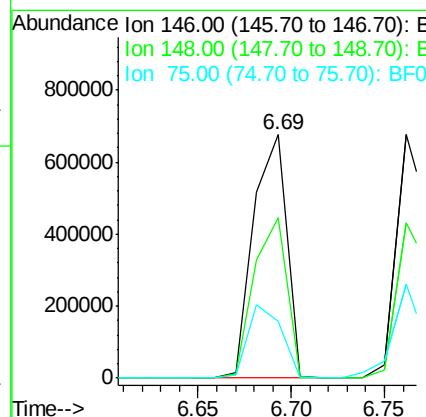
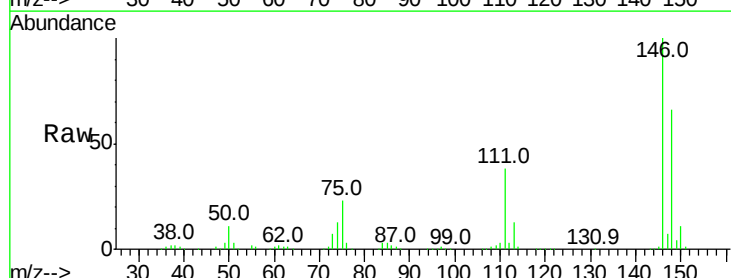
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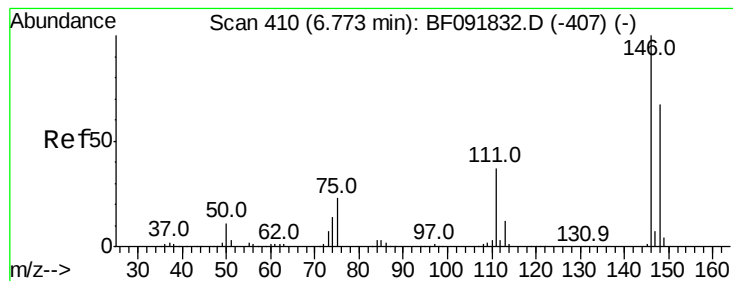
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#12
1,3-Dichlorobenzene
Concen: 38.23 ng
RT: 6.69 min Scan# 403
Delta R.T. -0.00 min
Lab File: BF091849.D
Acq: 21 Dec 2016 22:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	53.4	80.0
75	23.3	18.5	27.7





#13

1,4-Dichlorobenzene

Concen: 36.76 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091849.D

Acq: 21 Dec 2016 22:29

Instrument :

BNA_F

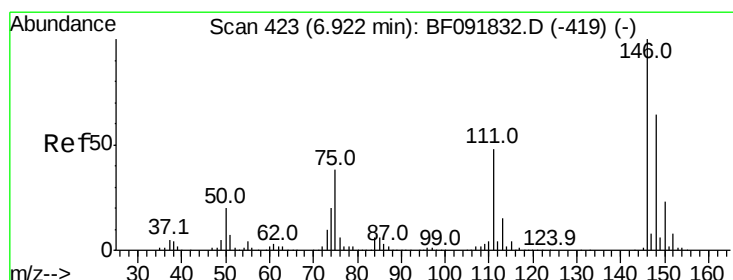
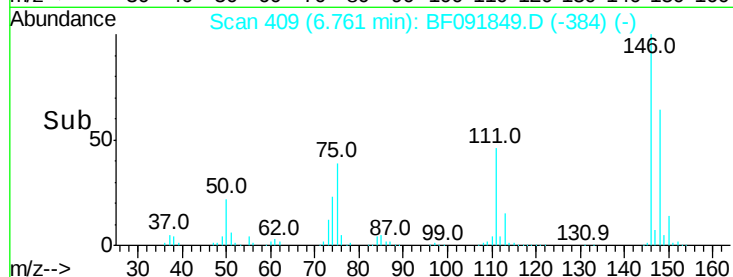
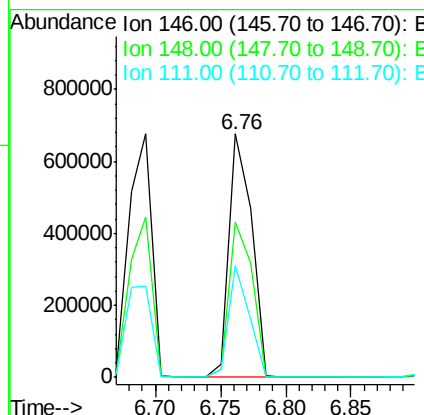
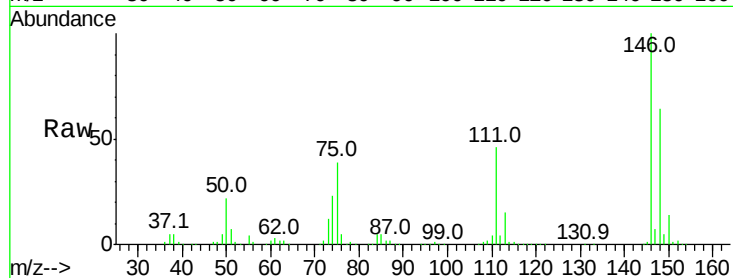
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	816064
Ion Ratio	Lower	Upper	
146	100		
148	63.7	50.6	76.0
111	45.7	36.2	54.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 39.58 ng

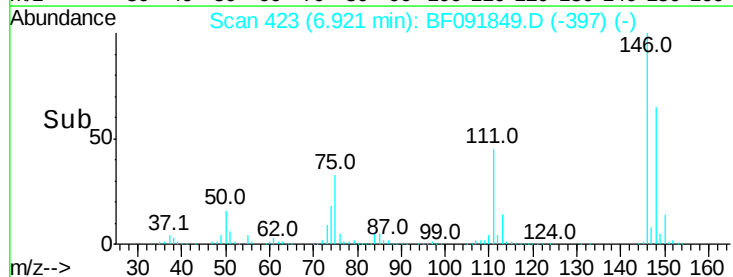
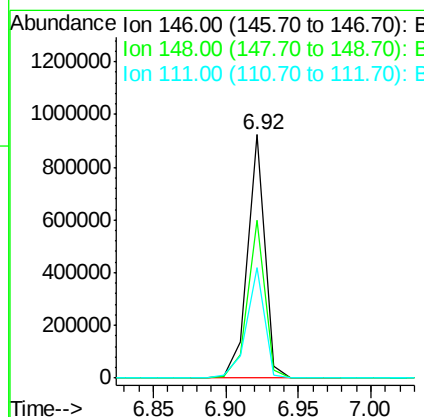
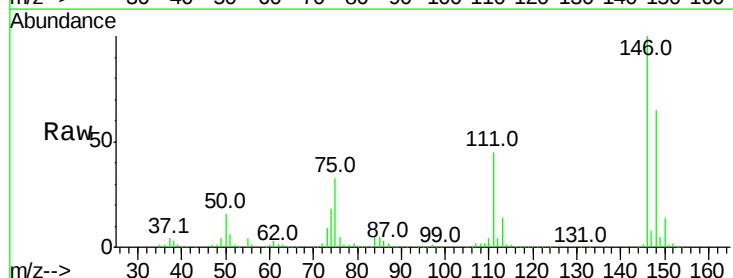
RT: 6.92 min Scan# 423

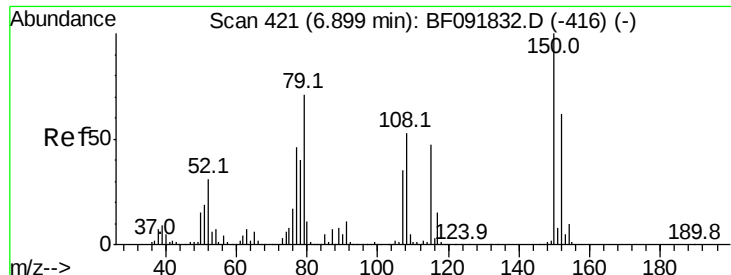
Delta R.T. -0.00 min

Lab File: BF091849.D

Acq: 21 Dec 2016 22:29

Tgt Ion:	146	Resp:	762448
Ion Ratio	Lower	Upper	
146	100		
148	64.7	52.2	78.2
111	45.3	36.2	54.2





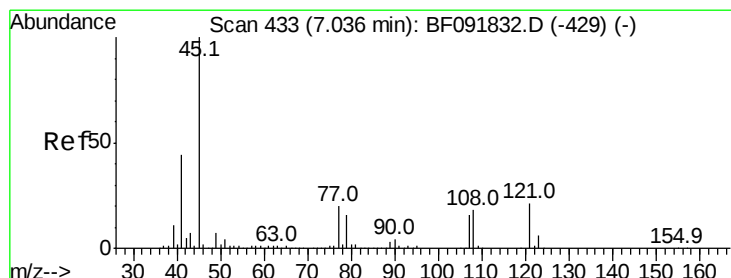
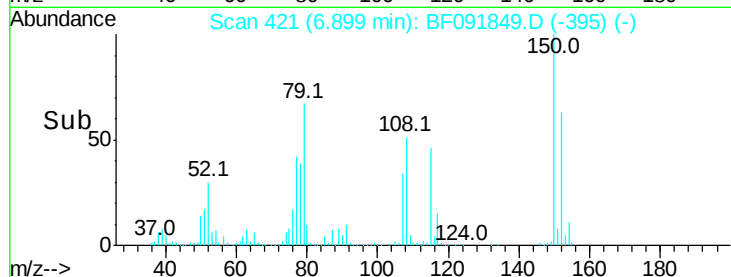
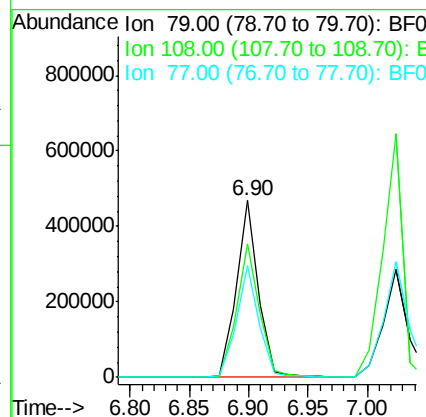
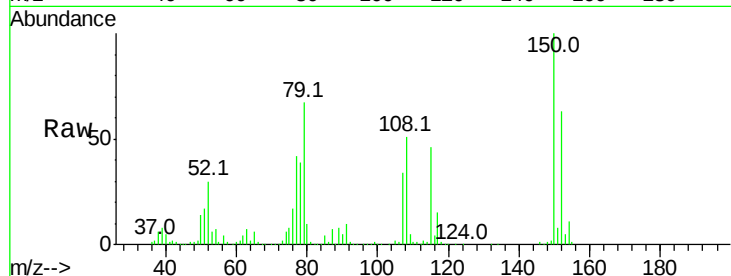
#15
Benzyl Alcohol
Concen: 35.42 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF091849.D
Acq: 21 Dec 2016 22:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	75.8	61.4	92.0	
77	63.1	50.9	76.3	

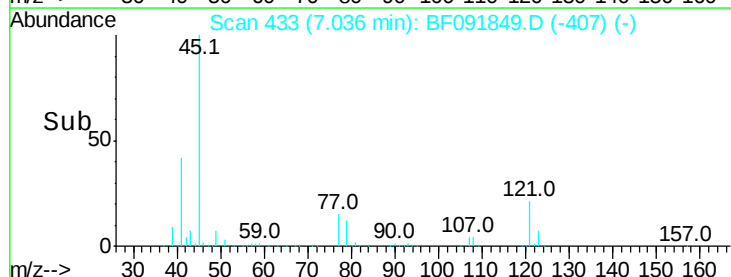
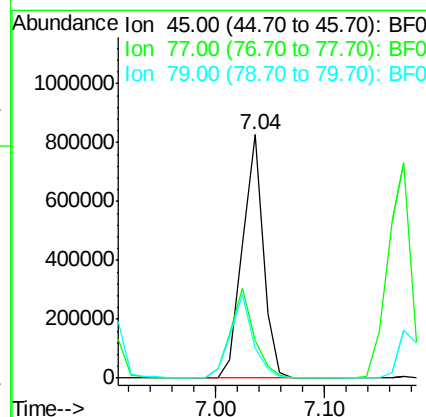
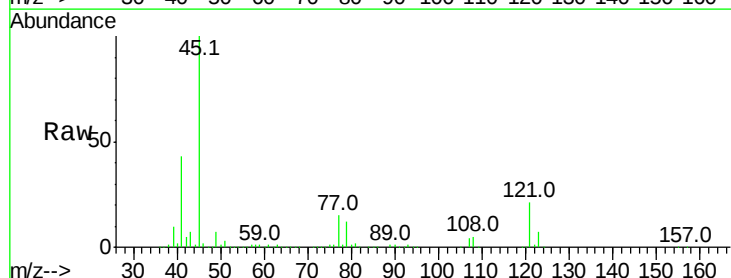
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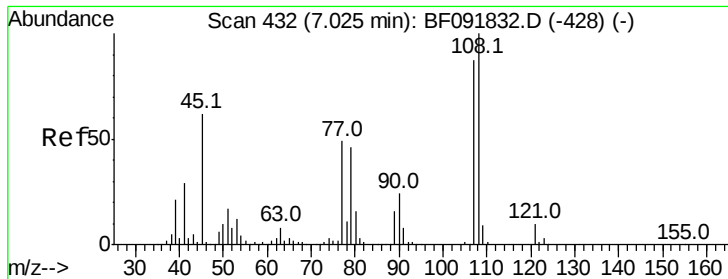
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.68 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF091849.D
Acq: 21 Dec 2016 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	15.2	0.0	34.6	
79	12.2	0.0	31.2	





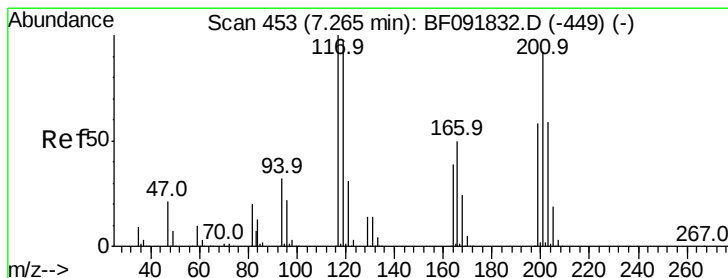
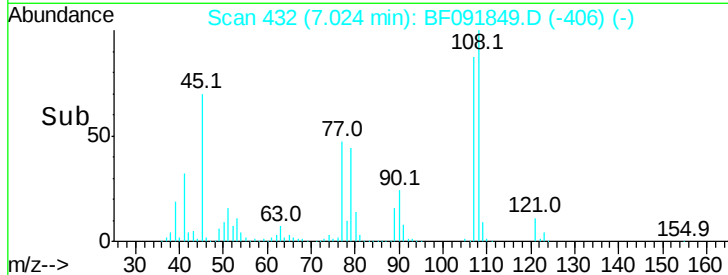
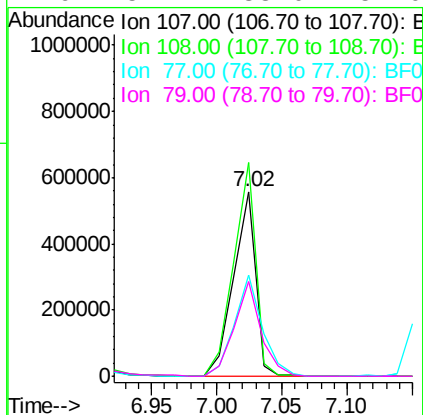
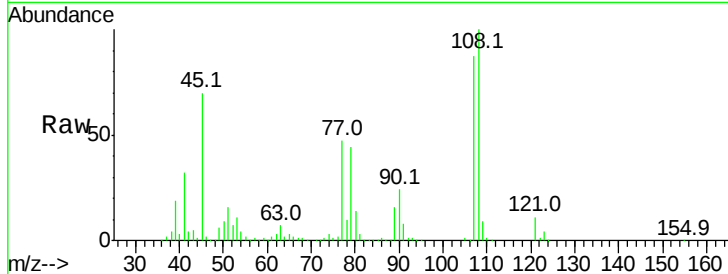
#17
2-Methylphenol
Concen: 39.97 ng
RT: 7.02 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF091849.D
Acq: 21 Dec 2016 22:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.5	93.0	139.6	
77	54.7	39.8	59.8	
79	51.2	38.0	57.0	

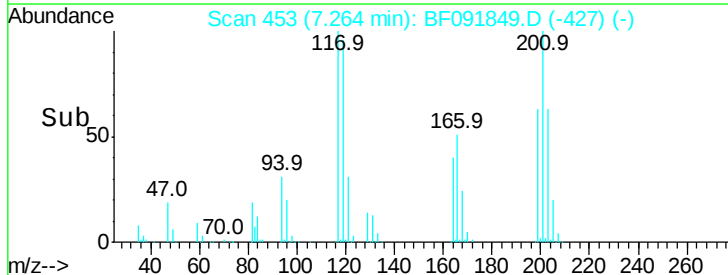
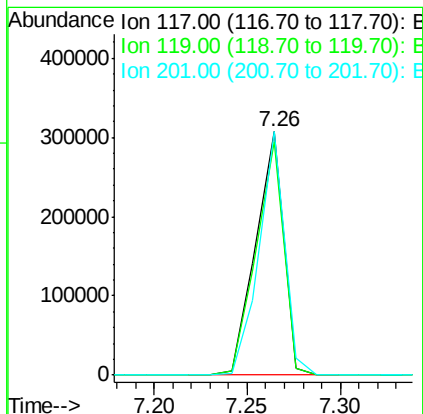
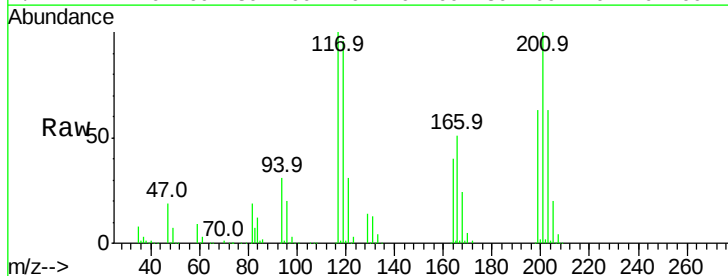
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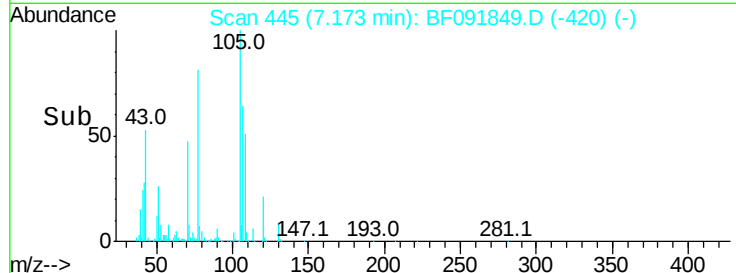
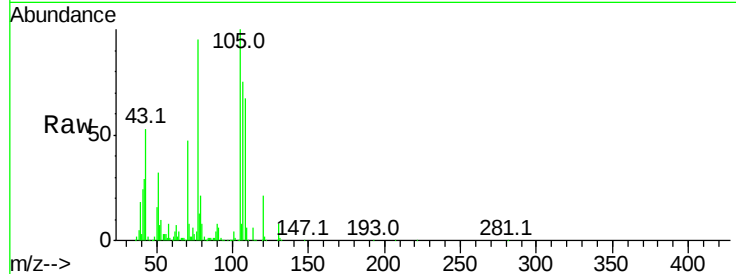
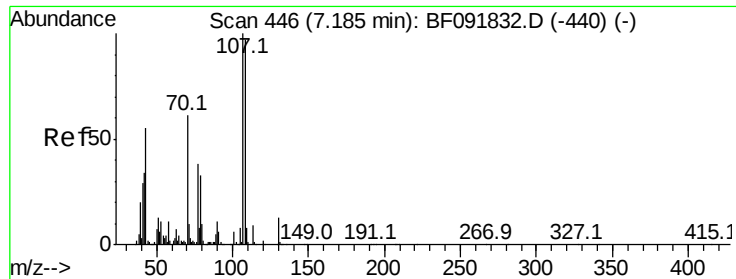
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#18
Hexachloroethane
Concen: 38.62 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF091849.D
Acq: 21 Dec 2016 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.8	78.1	117.1	
201	100.1	78.6	117.8	





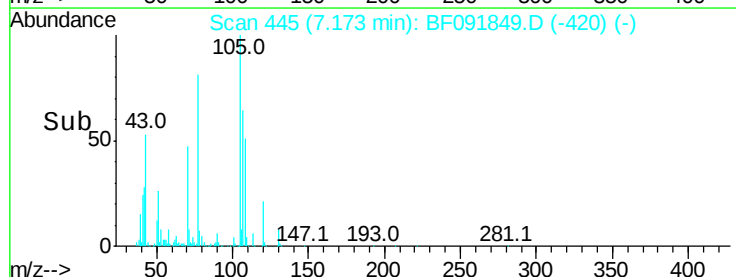
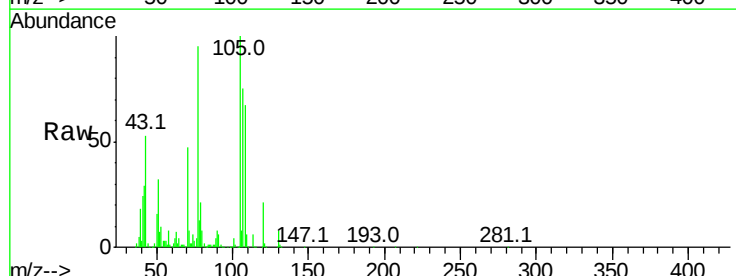
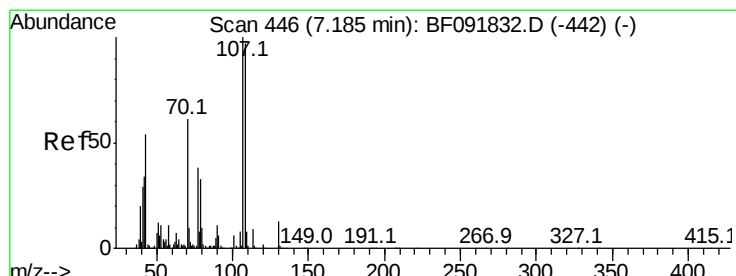
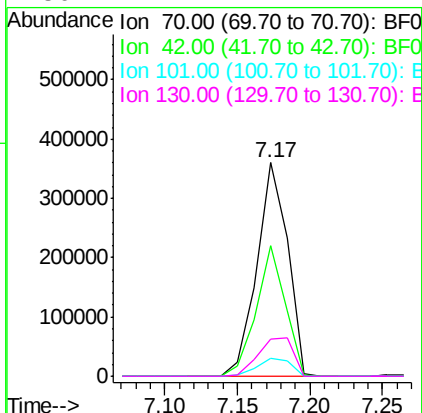
#19
n-Nitroso-di-n-propylamine
Concen: 36.29 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF091849.D
Acq: 21 Dec 2016 22:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	61.1	49.4	74.0		
101	8.6	7.4	11.2		
130	17.4	14.2	21.4		

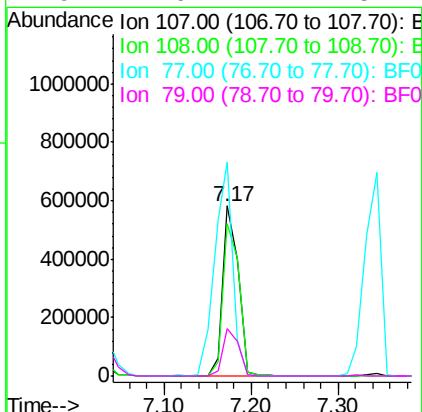
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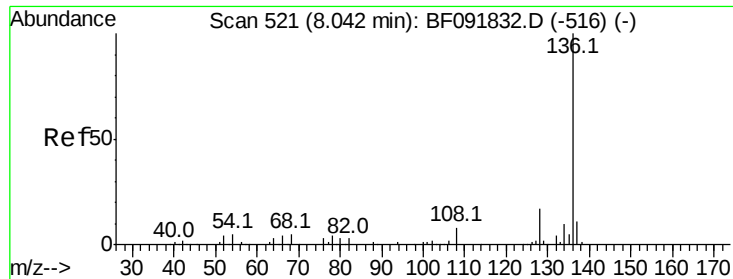
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#20
3+4-Methylphenols
Concen: 37.22 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF091849.D
Acq: 21 Dec 2016 22:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.4	73.0	113.0		
77	125.8	71.3	111.3#		
79	27.9	11.1	51.1		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF091849.D

Acq: 21 Dec 2016 22:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 1172892

Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 5.6 4.5 6.7

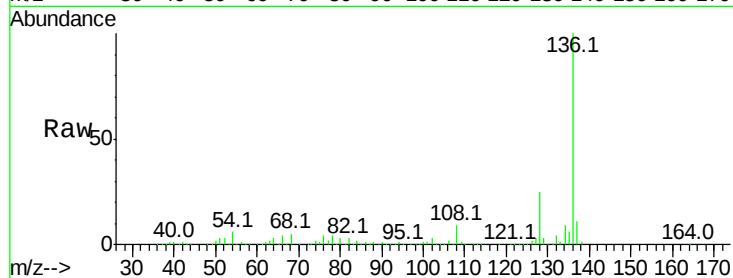
68 5.0 3.6 5.4

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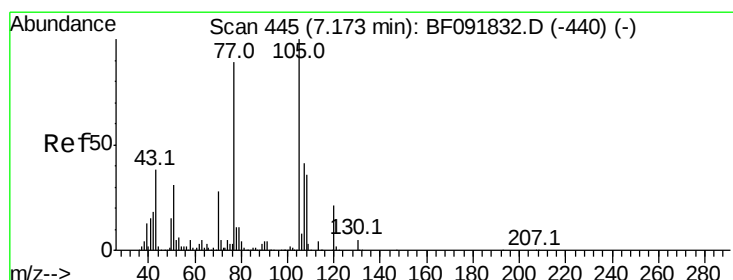
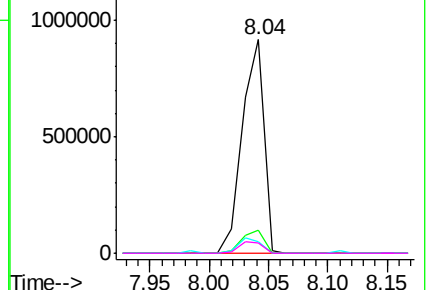
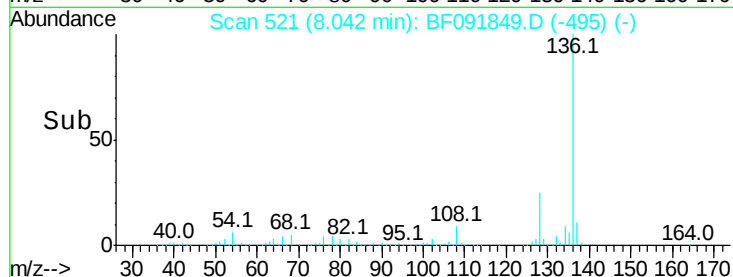


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.91 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.00 min

Lab File: BF091849.D

Acq: 21 Dec 2016 22:29

Tgt Ion:105 Resp: 1125536

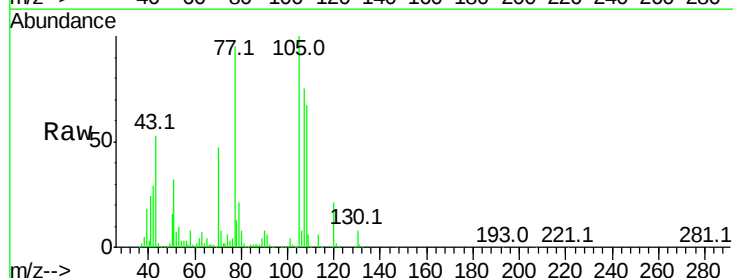
Ion Ratio Lower Upper

105 100

71 7.7 3.2 4.8#

51 32.0 26.2 39.4

120 21.3 16.6 24.8

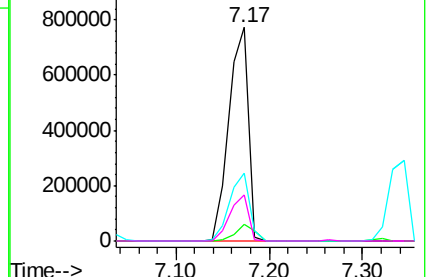
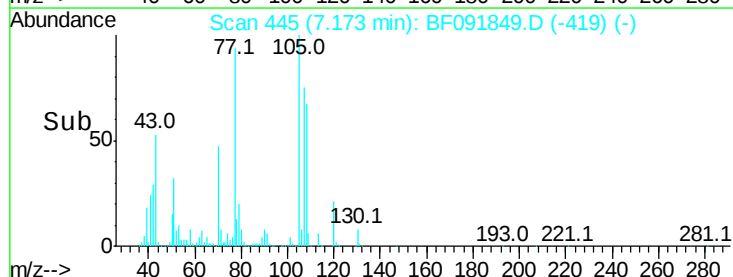


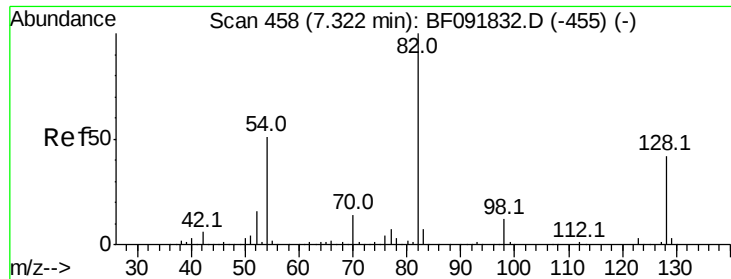
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





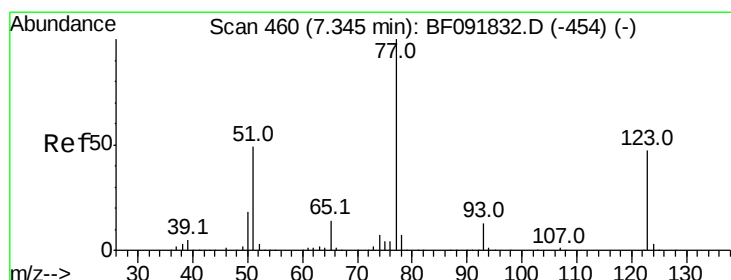
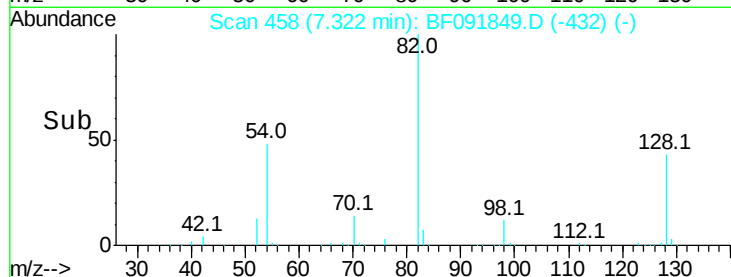
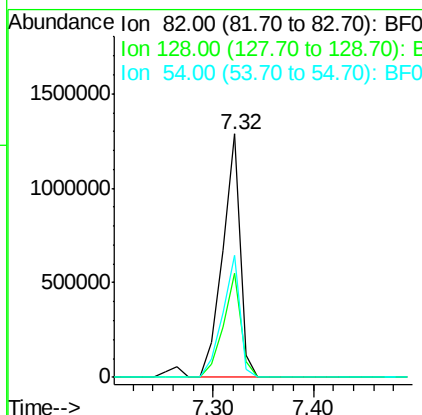
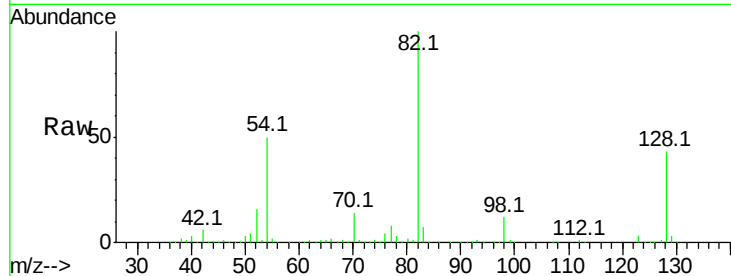
#23
 Nitrobenzene-d5
 Concen: 73.88 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: BF091849.D
 Acq: 21 Dec 2016 22:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.7	34.6	52.0
54	50.0	39.5	59.3

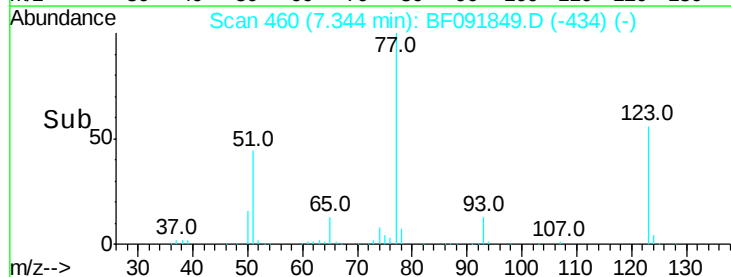
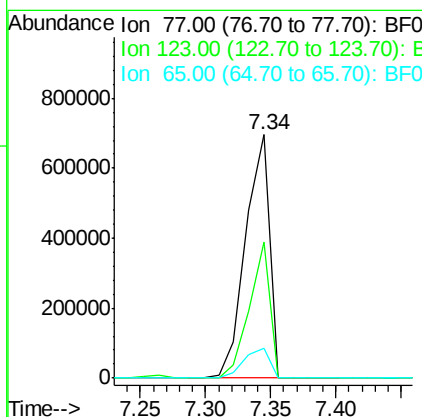
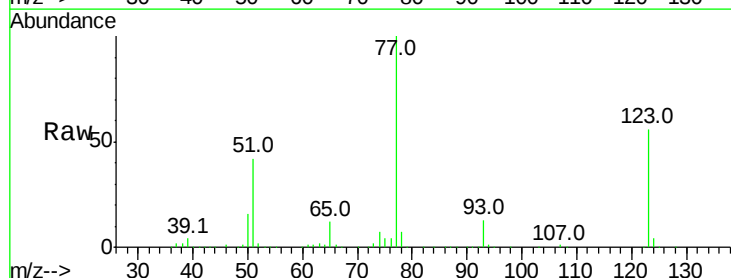
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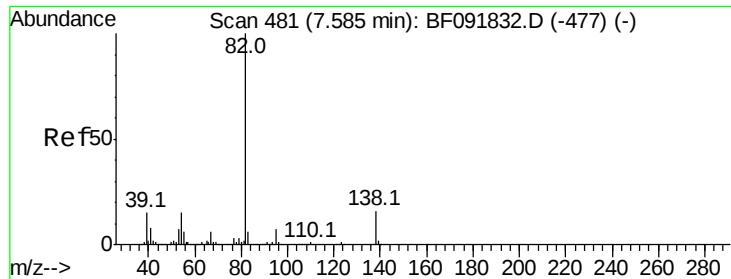
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#24
 Nitrobenzene
 Concen: 39.39 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.00 min
 Lab File: BF091849.D
 Acq: 21 Dec 2016 22:29

Tgt Ion	Ratio	Lower	Upper
77	100		
123	56.0	33.0	49.4#
65	12.3	11.2	16.8





#25

Isophorone

Concen: 38.75 ng

RT: 7.58 min Scan# 481

Delta R.T. -0.00 min

Lab File: BF091849.D

Acq: 21 Dec 2016 22:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1507944

Ion Ratio Lower Upper

82 100

95 6.8 5.6 8.4

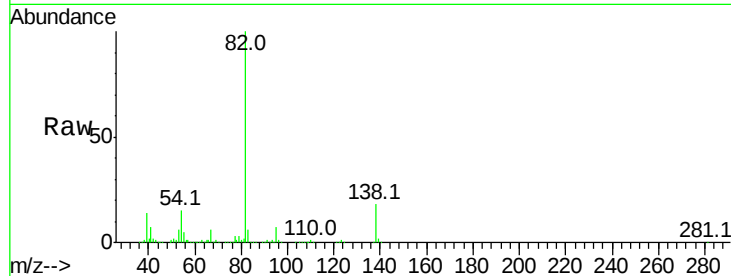
138 18.0 14.6 22.0

Manual Integrations

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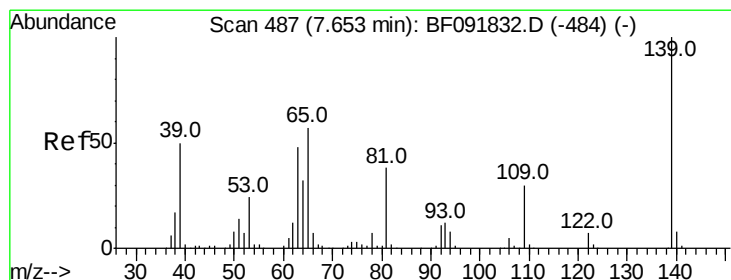
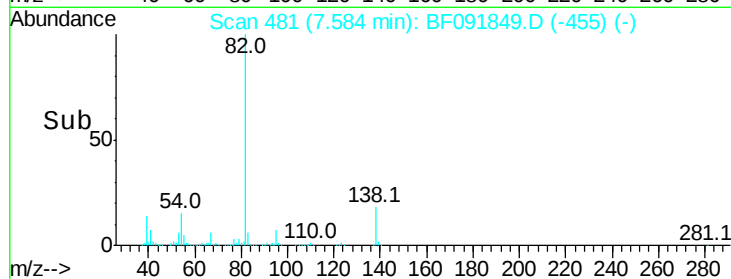
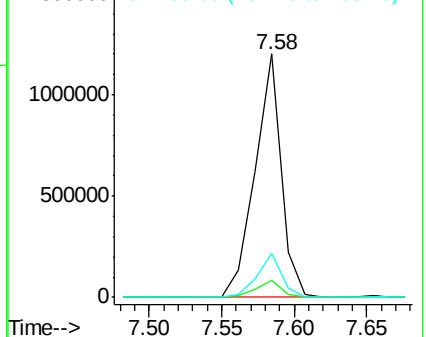
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Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 36.80 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF091849.D

Acq: 21 Dec 2016 22:29

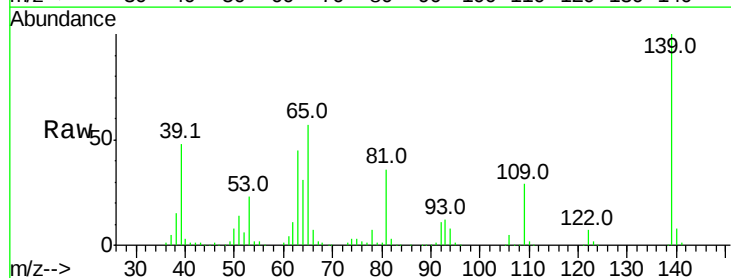
Tgt Ion: 139 Resp: 407750

Ion Ratio Lower Upper

139 100

109 29.2 23.3 34.9

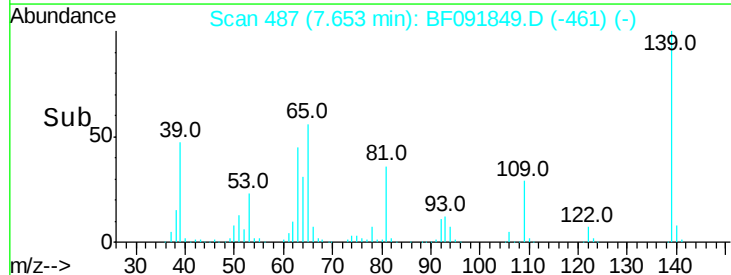
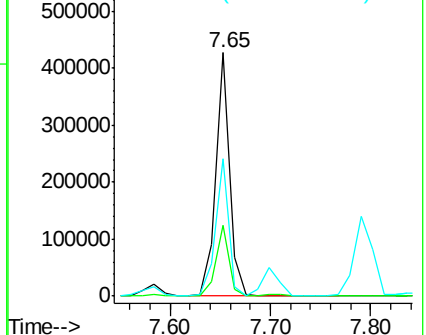
65 56.5 42.7 64.1

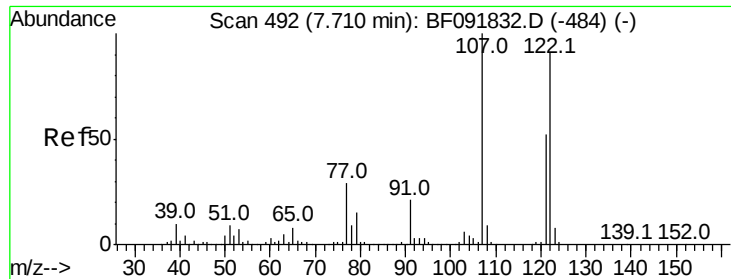


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





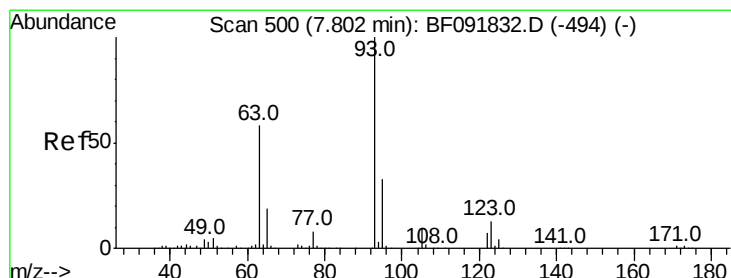
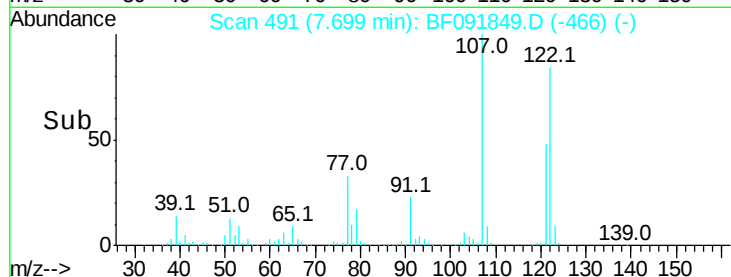
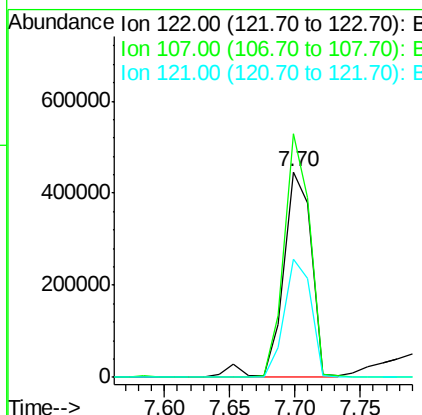
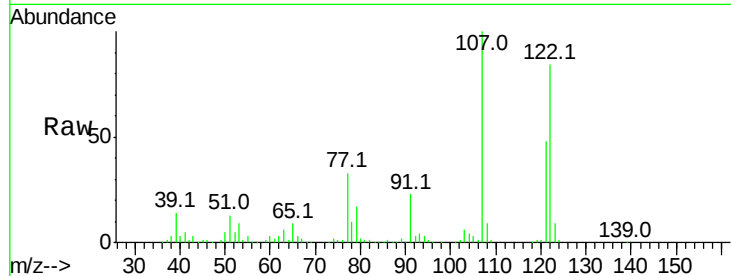
#27
2,4-Dimethylphenol
Concen: 36.94 ng
RT: 7.70 min Scan# 491
Delta R.T. -0.01 min
Lab File: BF091849.D
Acq: 21 Dec 2016 22:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.5	94.1	141.1
121	57.3	46.0	69.0

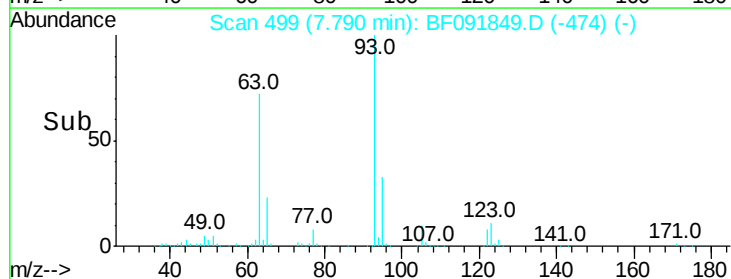
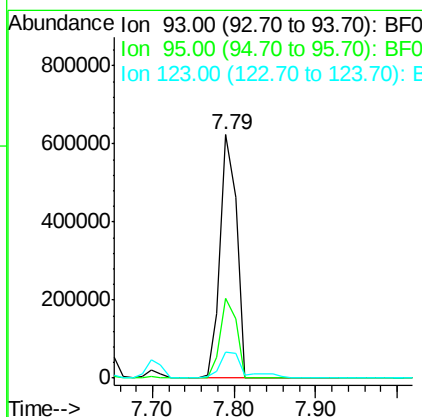
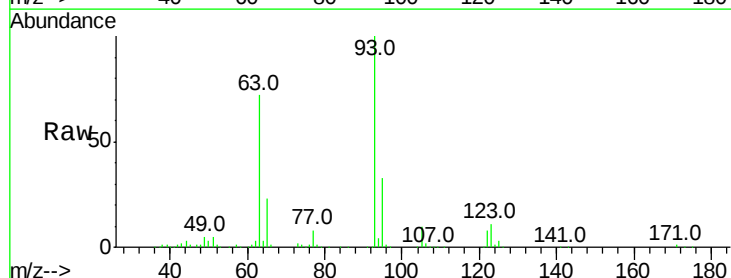
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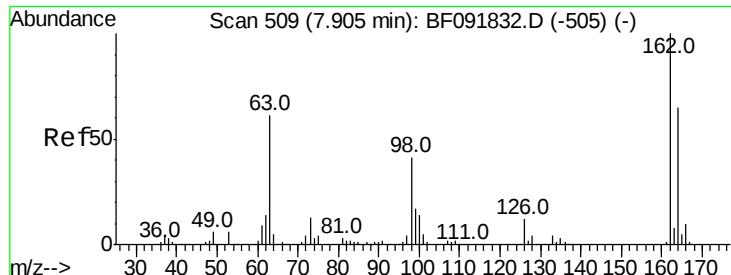
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#28
bis(2-Chloroethoxy)methane
Concen: 36.90 ng
RT: 7.79 min Scan# 499
Delta R.T. -0.01 min
Lab File: BF091849.D
Acq: 21 Dec 2016 22:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.5	39.7
123	10.9	8.6	13.0





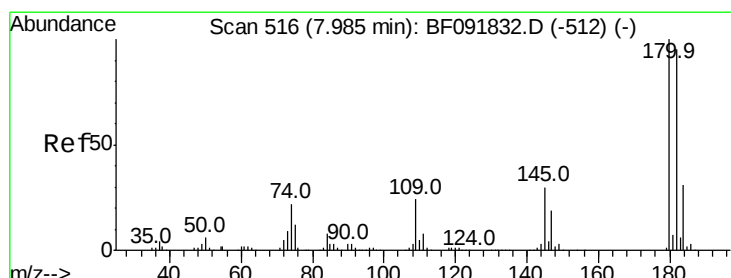
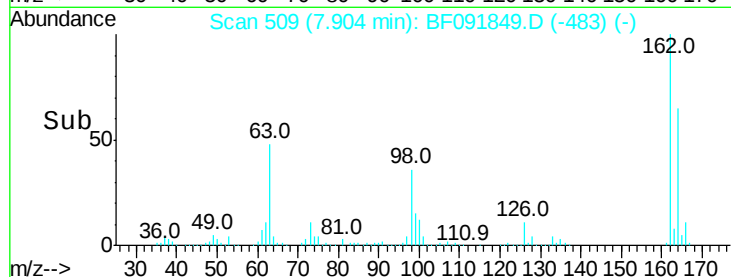
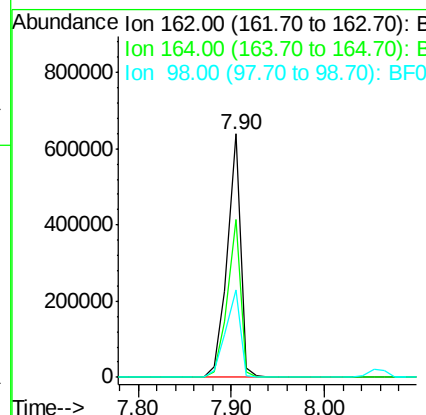
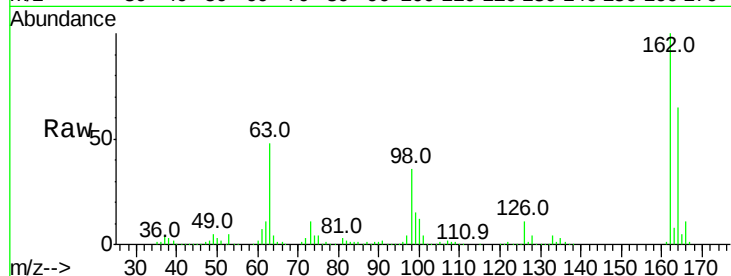
#29
 2,4-Dichlorophenol
 Concen: 40.64 ng
 RT: 7.90 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: BF091849.D
 Acq: 21 Dec 2016 22:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	632331		
164	64.9	46.8	86.8	
98	36.1	9.1	49.1	

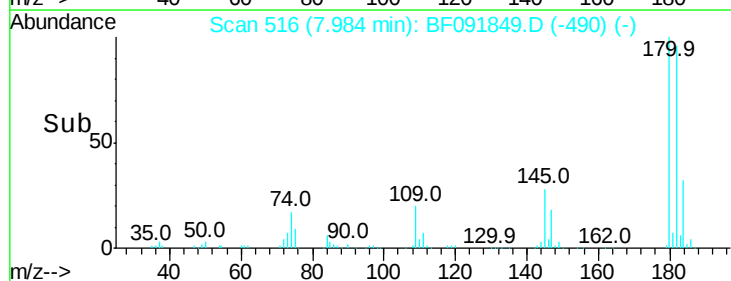
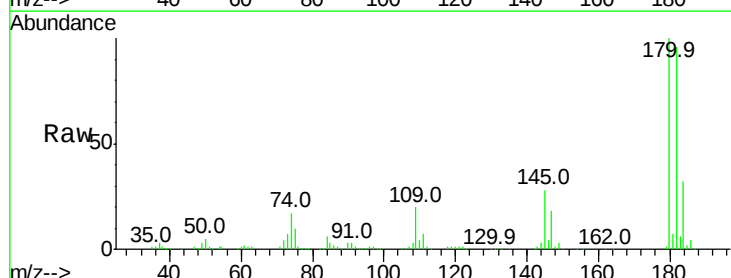
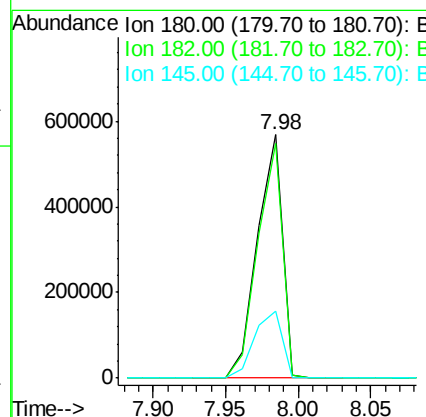
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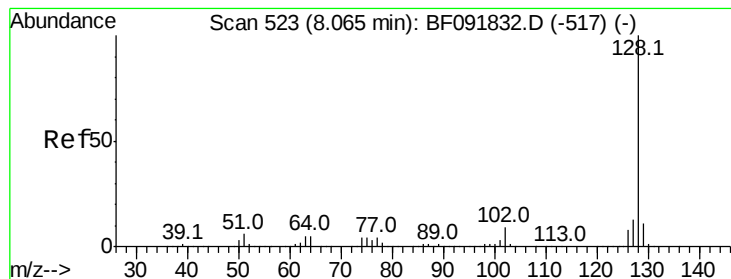
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.93 ng
 RT: 7.98 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: BF091849.D
 Acq: 21 Dec 2016 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	680805		
182	96.1	78.2	117.4	
145	27.7	21.6	32.4	





#31

Naphthalene

Concen: 40.07 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF091849.D

Acq: 21 Dec 2016 22:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 2151220

Ion Ratio Lower Upper

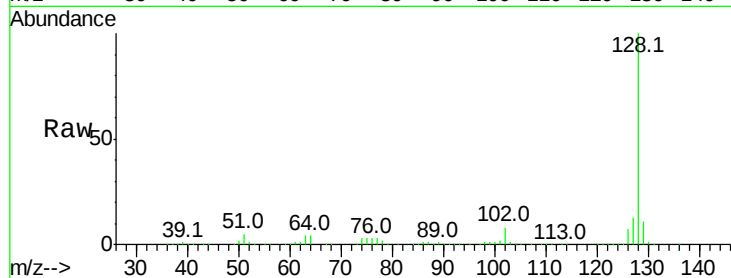
128 100

129 11.0 9.5 14.3

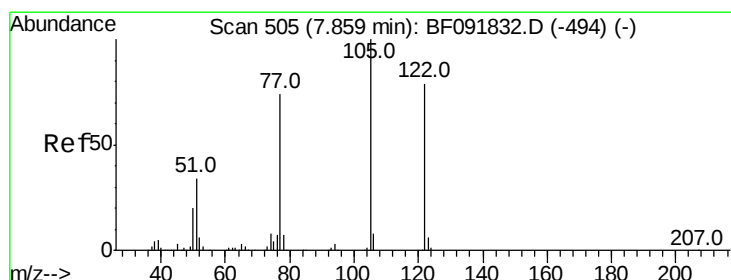
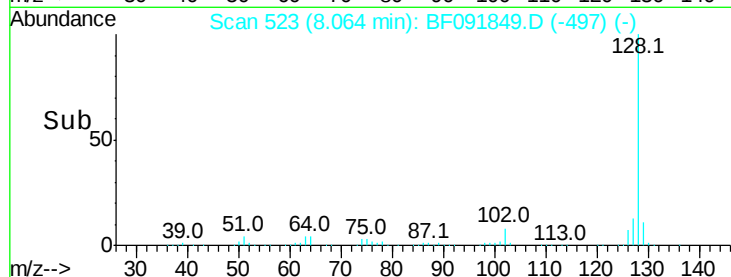
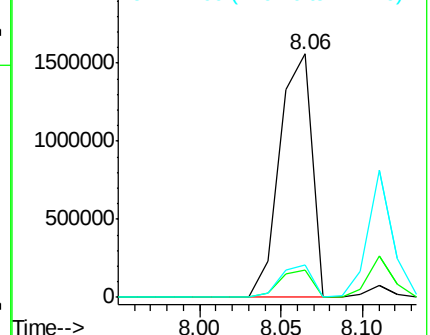
127 13.3 10.8 16.2

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.04 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.01 min

Lab File: BF091849.D

Acq: 21 Dec 2016 22:29

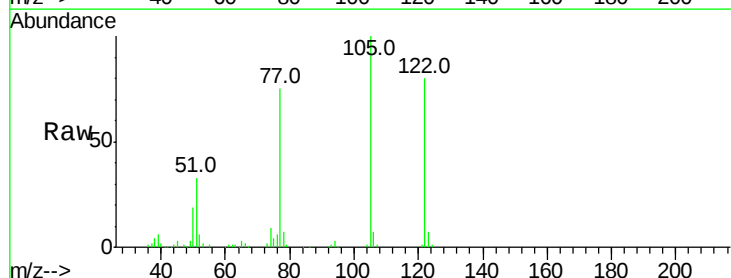
Tgt Ion:122 Resp: 518483

Ion Ratio Lower Upper

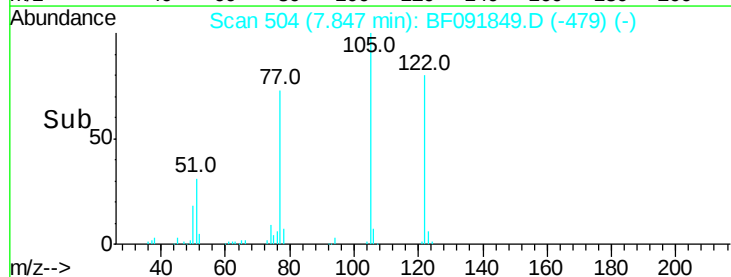
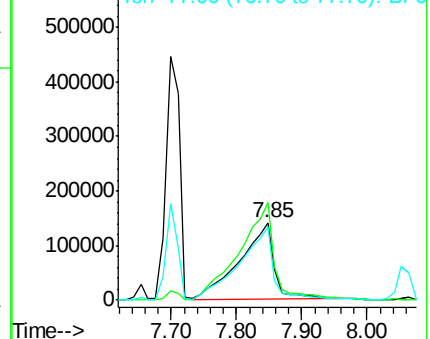
122 100

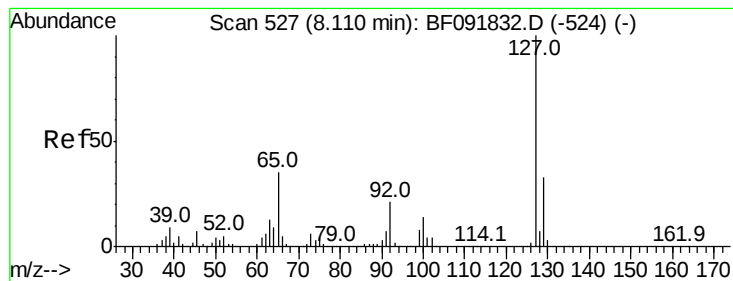
105 125.3 107.2 147.2

77 93.9 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 36.27 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF091849.D

Acq: 21 Dec 2016 22:29

Instrument :

BNA_F

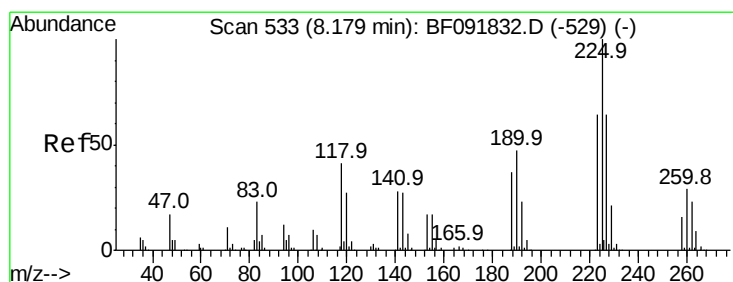
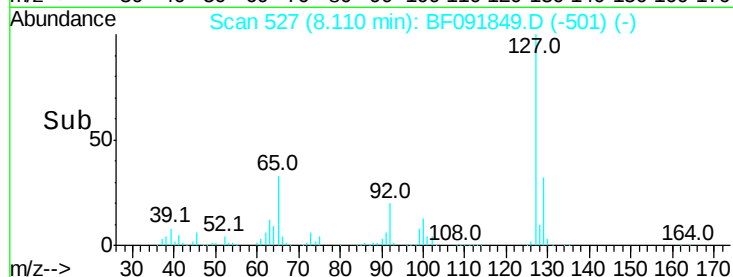
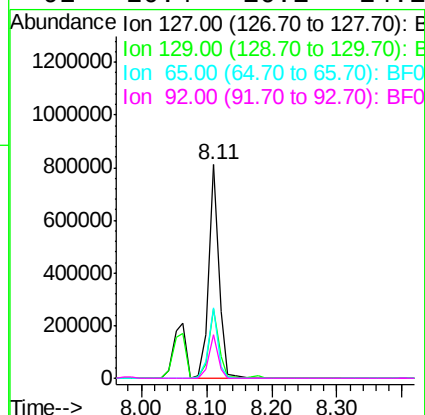
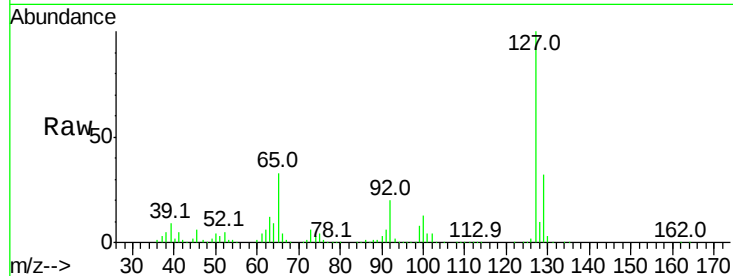
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	26.3	39.5		
65	33.2	25.8	38.8		
92	20.4	16.1	24.1		

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#34

Hexachlorobutadiene

Concen: 40.58 ng

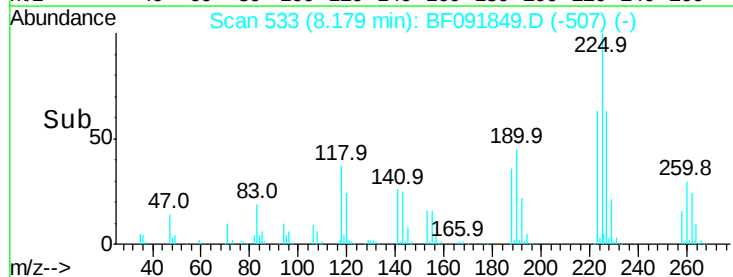
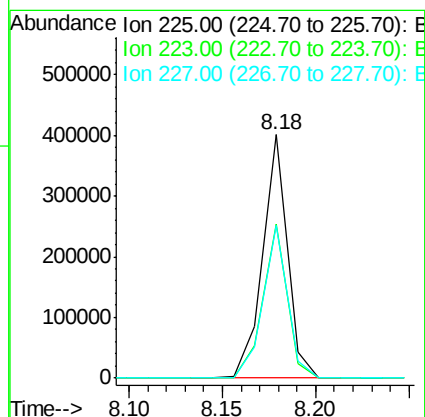
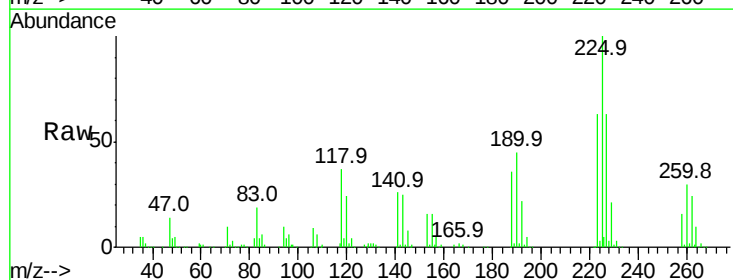
RT: 8.18 min Scan# 533

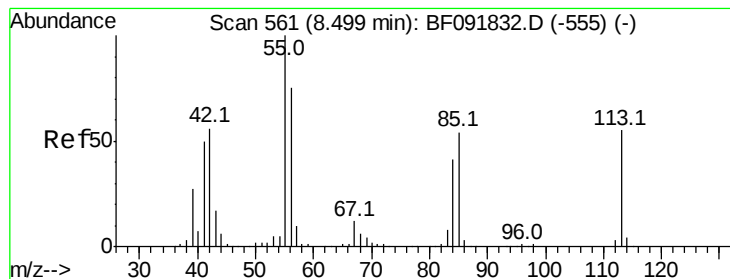
Delta R.T. -0.00 min

Lab File: BF091849.D

Acq: 21 Dec 2016 22:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.3	51.0	76.6		
227	62.9	50.6	76.0		





#35

Caprolactam

Concen: 39.89 ng

RT: 8.50 min Scan# 561

Delta R.T. -0.00 min

Lab File: BF091849.D

Acq: 21 Dec 2016 22:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 203970

Ion Ratio Lower Upper

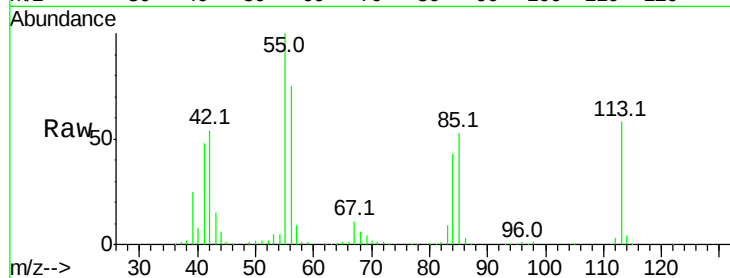
113 100

55 172.3 119.2 159.2#

56 129.6 83.8 123.8#

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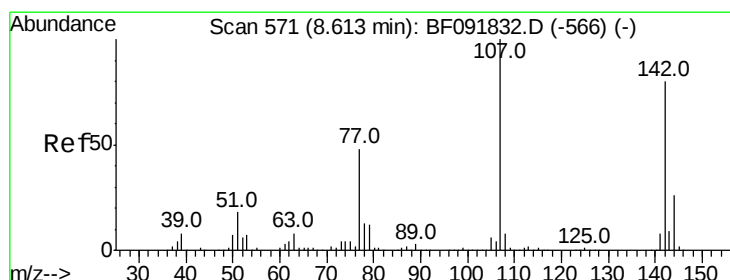
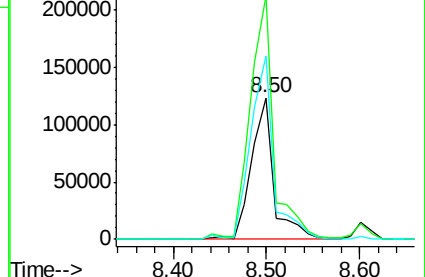
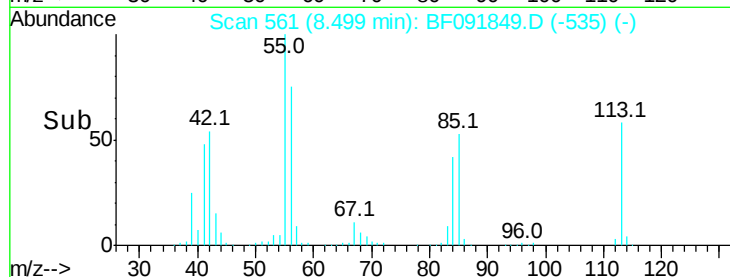
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 35.24 ng

RT: 8.60 min Scan# 570

Delta R.T. -0.01 min

Lab File: BF091849.D

Acq: 21 Dec 2016 22:29

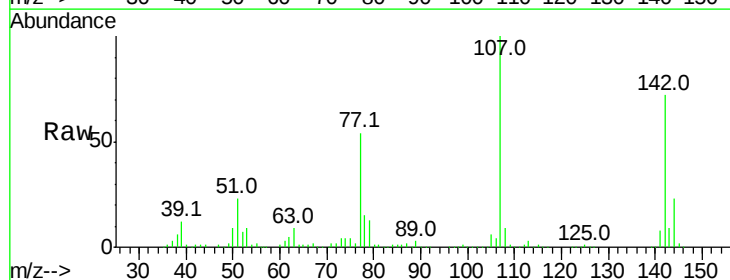
Tgt Ion:107 Resp: 630952

Ion Ratio Lower Upper

107 100

144 23.3 19.3 28.9

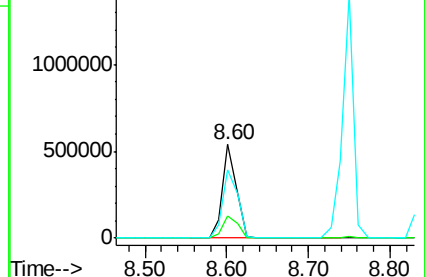
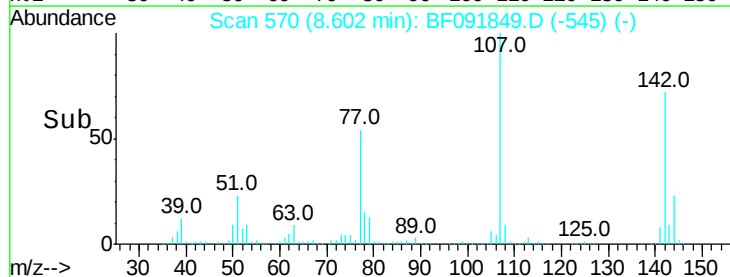
142 72.2 59.0 88.6

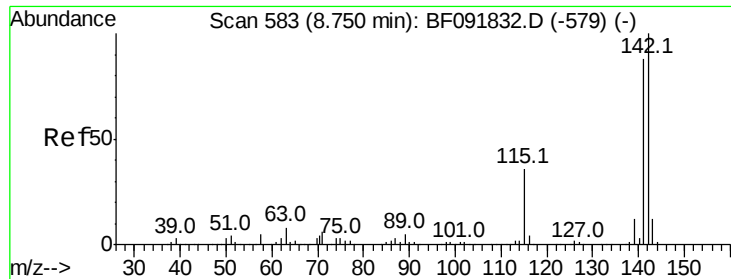


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





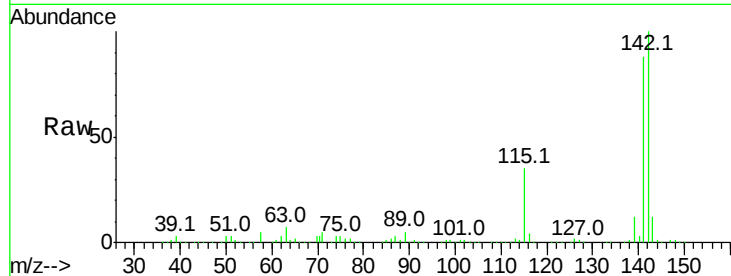
#37
 2-Methylnaphthalene
 Concen: 40.26 ng
 RT: 8.75 min Scan# 583
 Delta R.T. 0.00 min
 Lab File: BF091849.D
 Acq: 21 Dec 2016 22:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

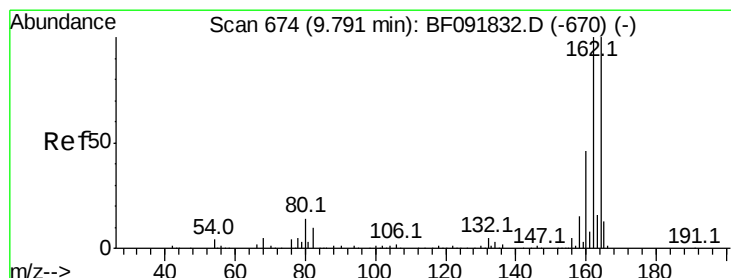
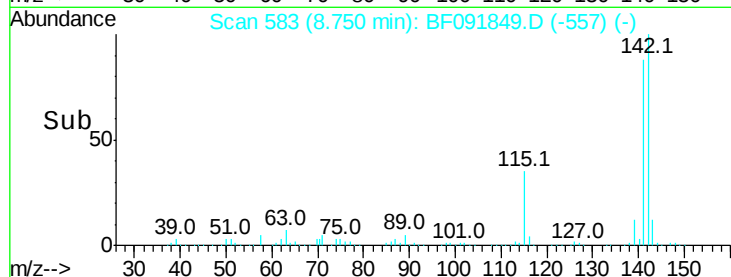
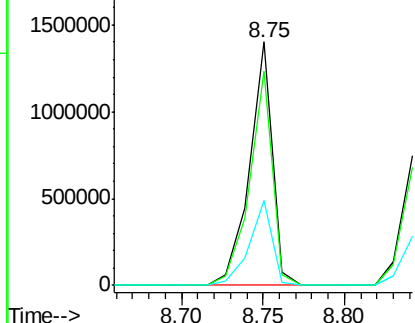
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.0	106.6
115	34.8	28.3	42.5

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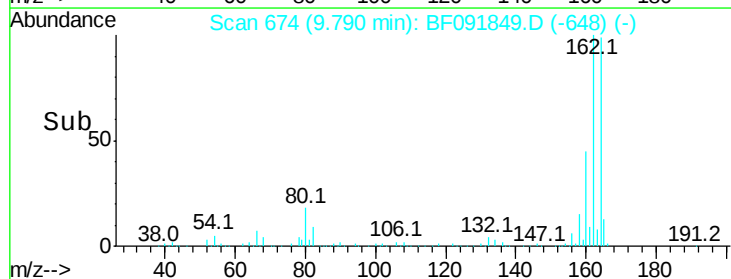
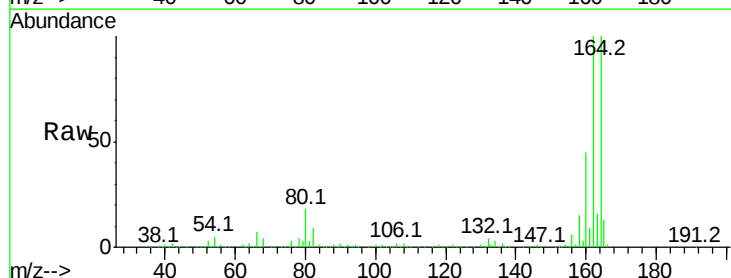
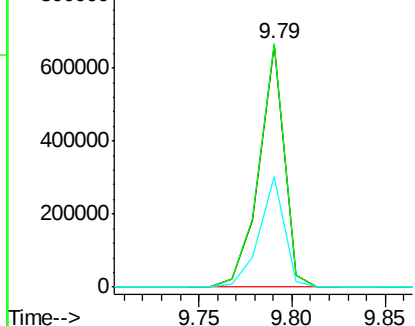
Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

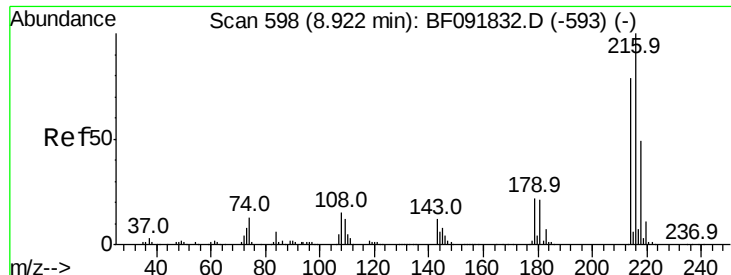


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.00 min
 Lab File: BF091849.D
 Acq: 21 Dec 2016 22:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.2	120.2
160	45.4	36.9	55.3

Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.82 ng

RT: 8.92 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF091849.D

Acq: 21 Dec 2016 22:29

Instrument :

BNA_F

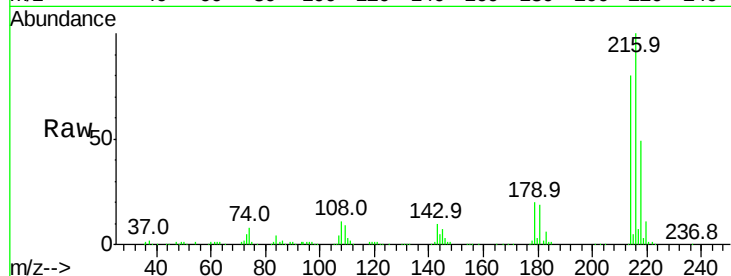
ClientSampleId :

SSTDCCC040

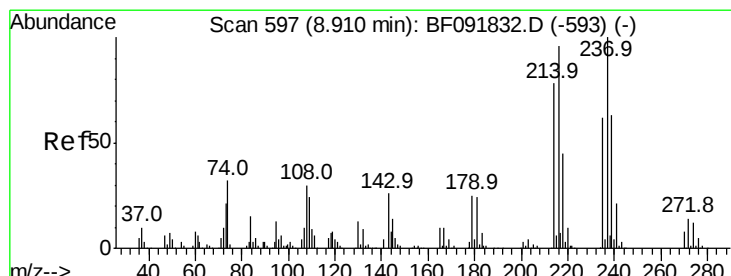
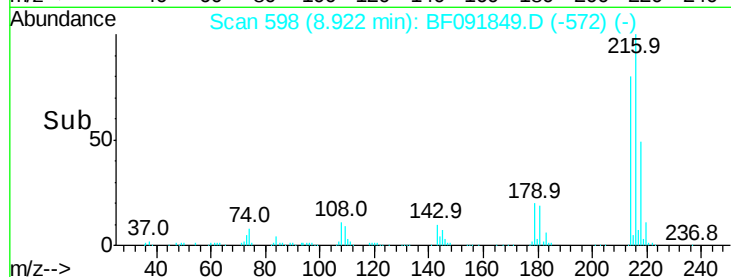
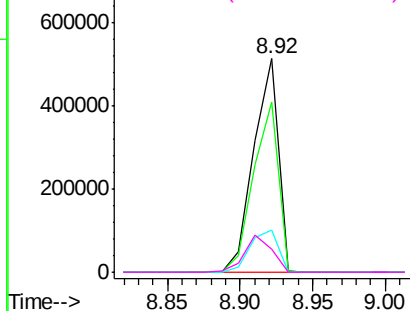
Tot Ion	Ratio	Resp Lower	Resp Upper
216	100		
214	80.0	63.4	95.0
179	22.2	17.4	26.2
108	19.1	15.6	23.4

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Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 36.78 ng

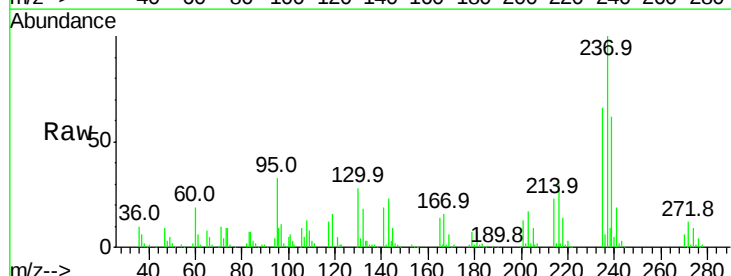
RT: 8.90 min Scan# 596

Delta R.T. -0.01 min

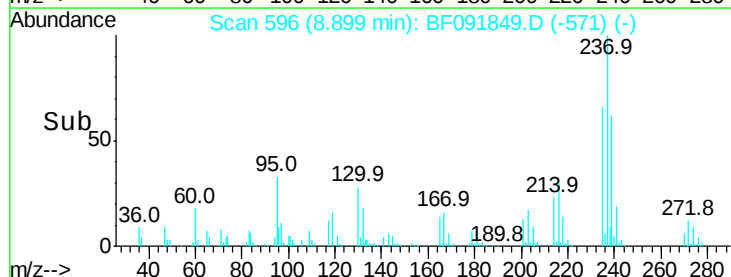
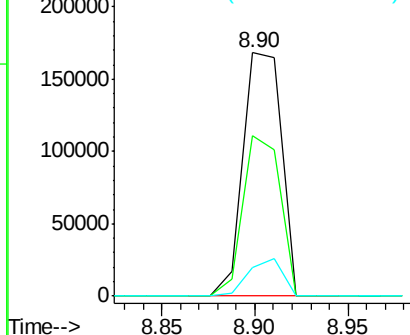
Lab File: BF091849.D

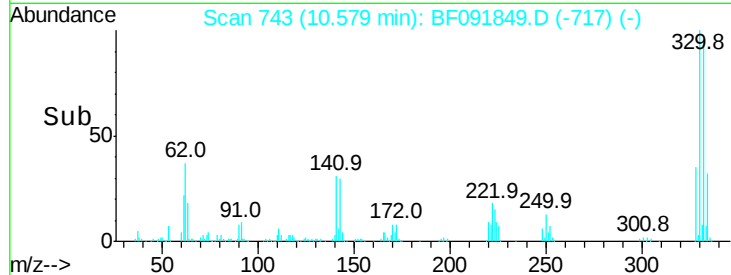
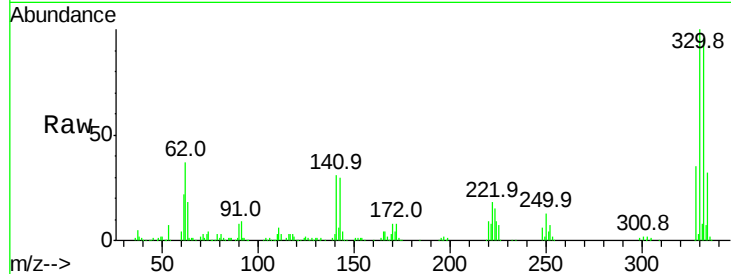
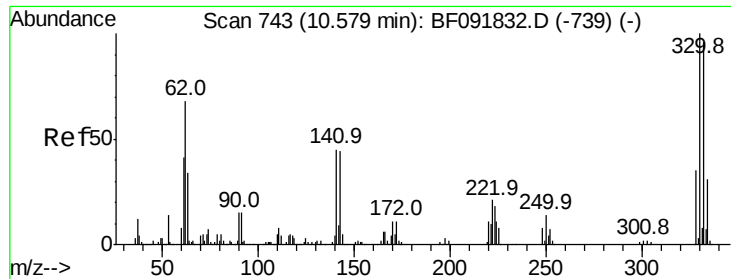
Acq: 21 Dec 2016 22:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	65.8	41.2	81.2
272	11.9	0.0	35.4



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





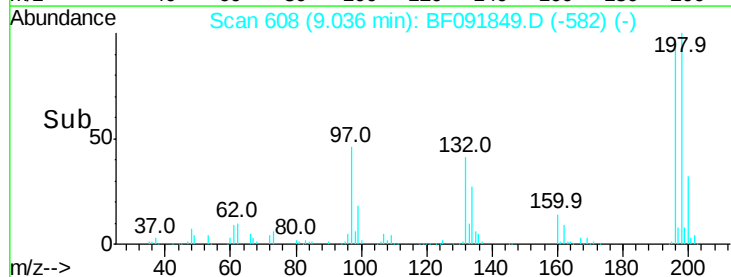
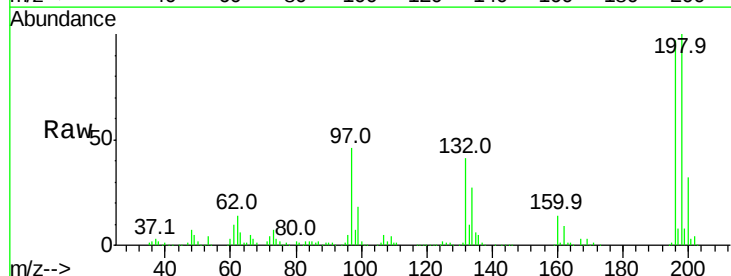
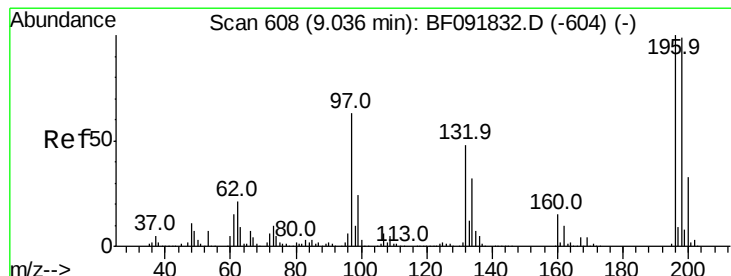
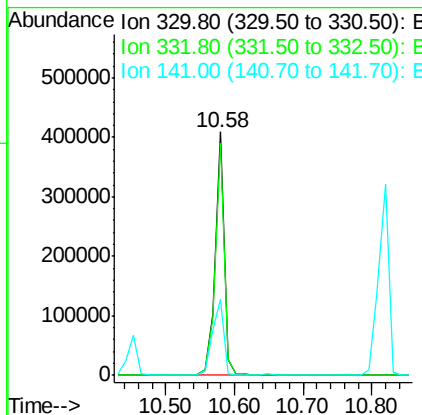
#41
 2,4,6-Tribromophenol
 Concen: 74.80 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF091849.D
 Acq: 21 Dec 2016 22:29

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.2	77.4	116.2	
141	39.0	34.1	51.1	

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

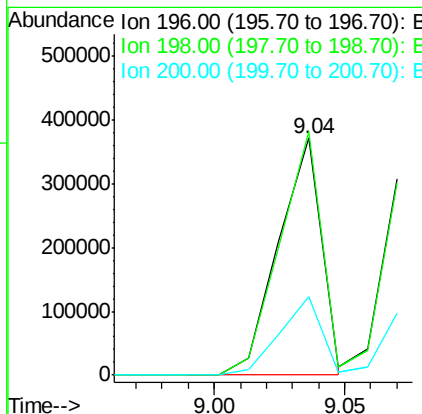
Manual Integrations
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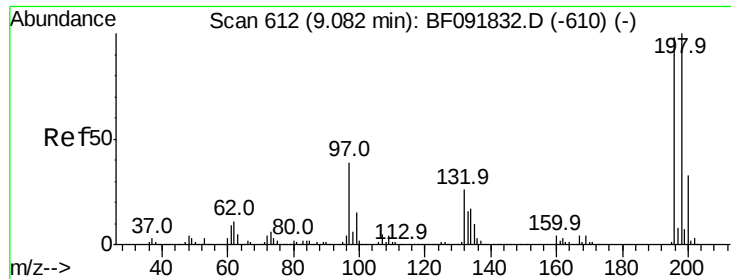
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#42
 2,4,6-Trichlorophenol
 Concen: 38.60 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF091849.D
 Acq: 21 Dec 2016 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	102.8	82.1	123.1	
200	33.3	27.0	40.4	





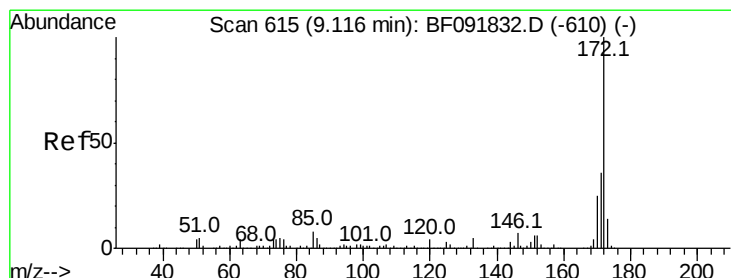
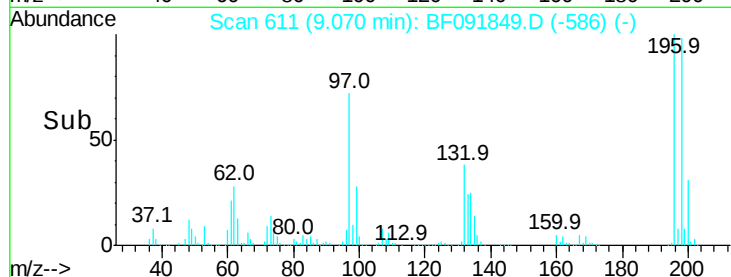
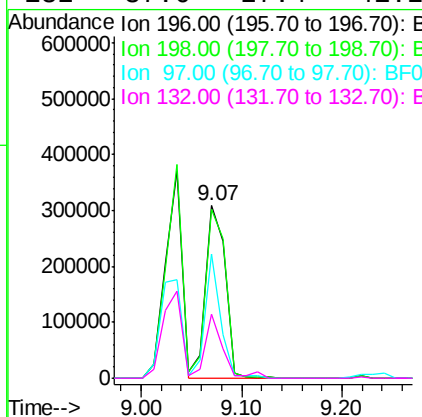
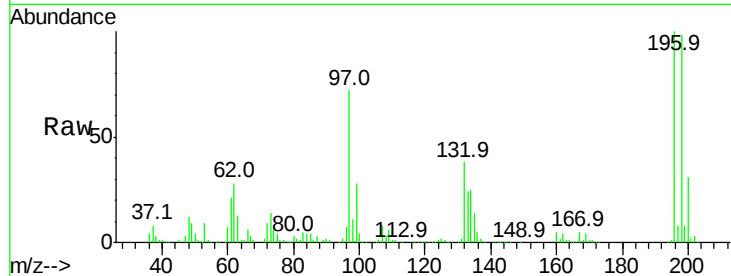
#43
 2,4,5-Trichlorophenol
 Concen: 37.18 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF091849.D
 Acq: 21 Dec 2016 22:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	419101
Ion Ratio	Lower	Upper	
196	100		
198	98.0	79.4	119.2
97	72.2	51.5	77.3
132	37.6	27.4	41.2

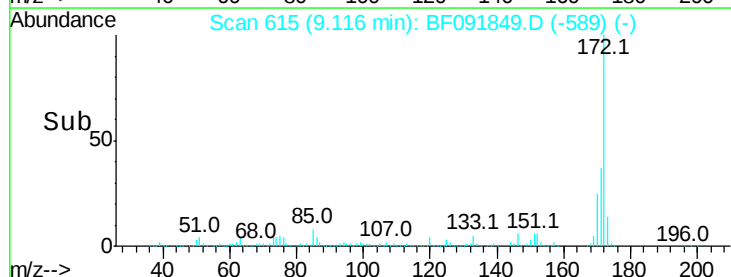
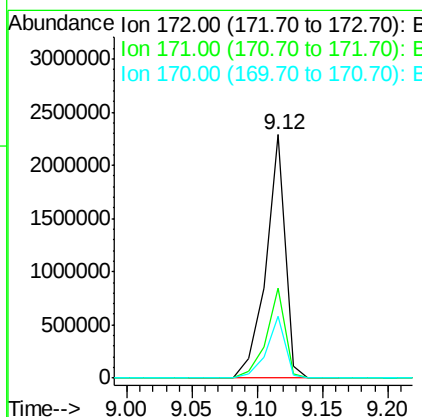
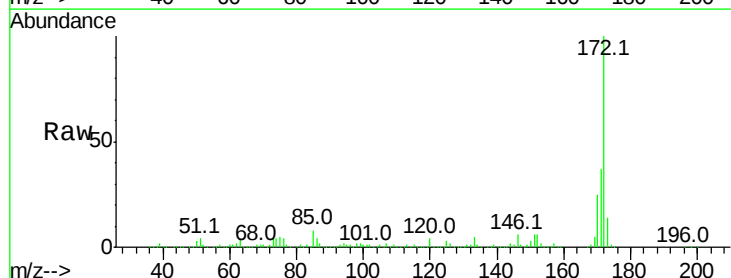
Manual Integrations
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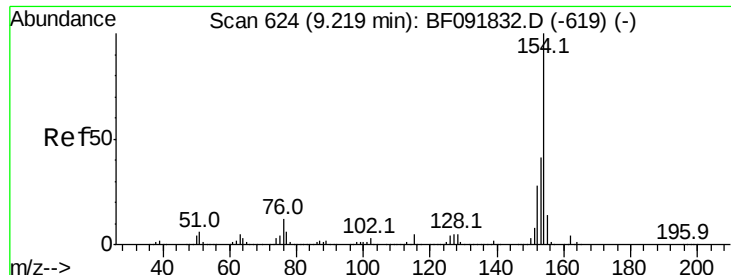
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#44
 2-Fluorobiphenyl
 Concen: 76.61 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF091849.D
 Acq: 21 Dec 2016 22:29

Tgt Ion:	172	Resp:	2356114
Ion Ratio	Lower	Upper	
172	100		
171	36.9	29.4	44.0
170	25.3	20.2	30.4





#45
 1,1'-Biphenyl
 Concen: 41.73 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF091849.D
 Acq: 21 Dec 2016 22:29

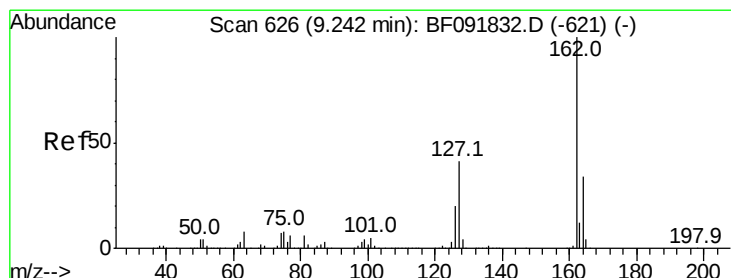
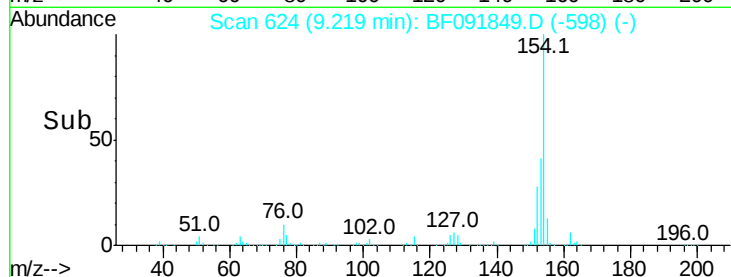
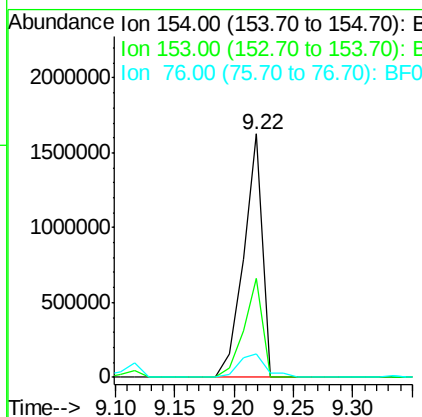
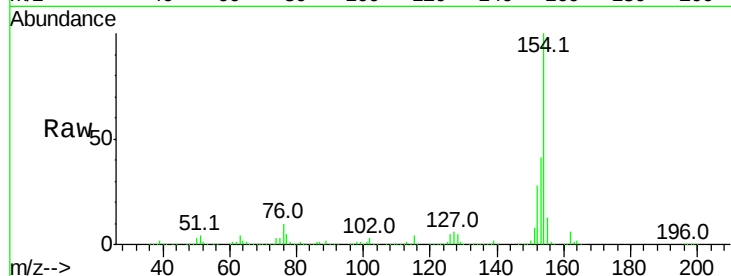
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:154 Resp: 1771097

Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.9	60.9
76	9.9	0.0	30.5

Manual Integrations
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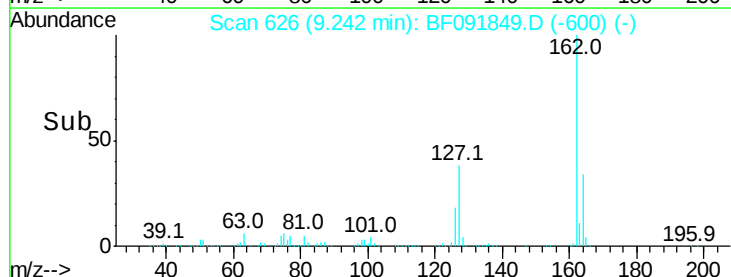
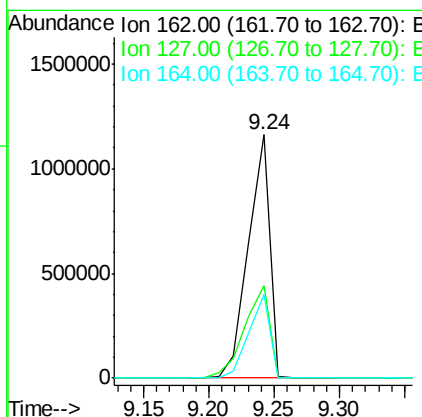
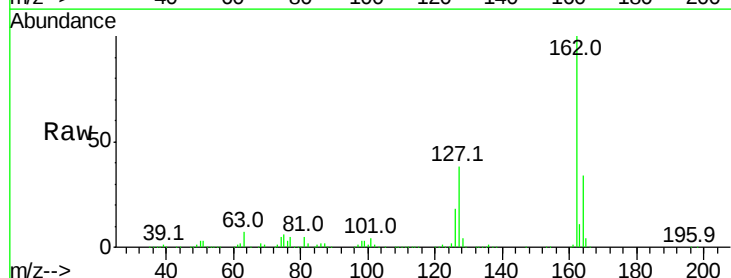
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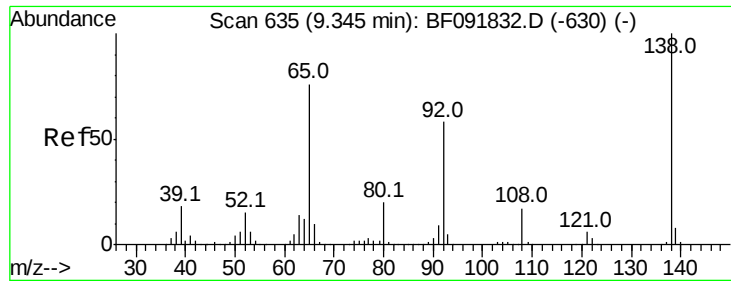


#46
 2-Chloronaphthalene
 Concen: 39.45 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF091849.D
 Acq: 21 Dec 2016 22:29

Tgt Ion:162 Resp: 1325881

Ion	Ratio	Lower	Upper
162	100		
127	38.1	30.7	46.1
164	34.1	27.6	41.4





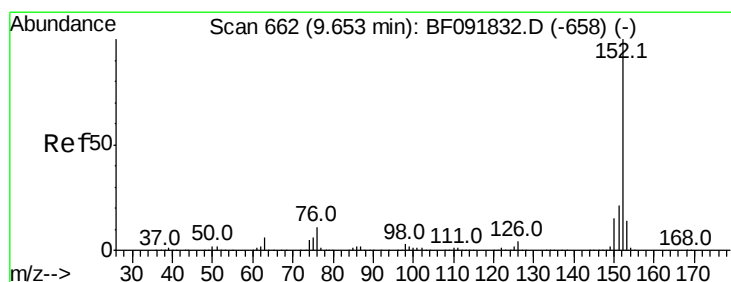
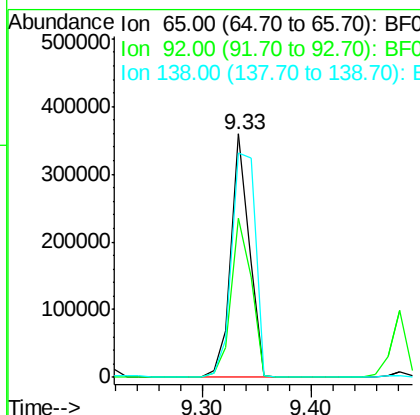
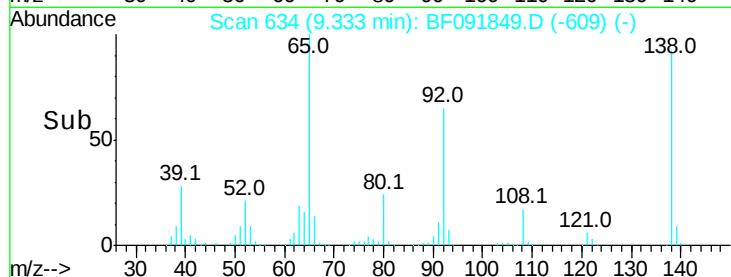
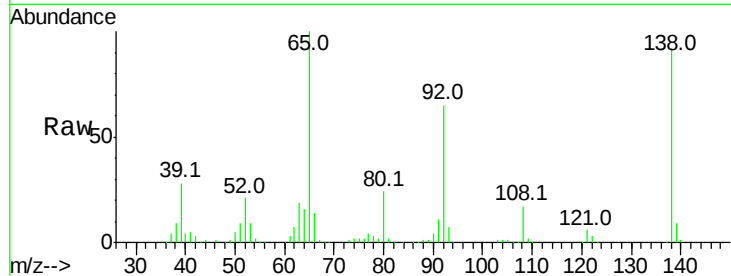
#47
 2-Nitroaniline
 Concen: 35.10 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF091849.D
 Acq: 21 Dec 2016 22:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.2	53.9	80.9
138	92.3	76.8	115.2

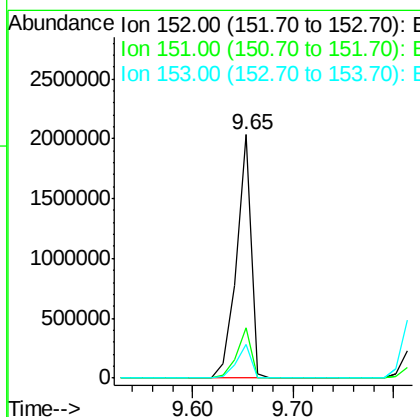
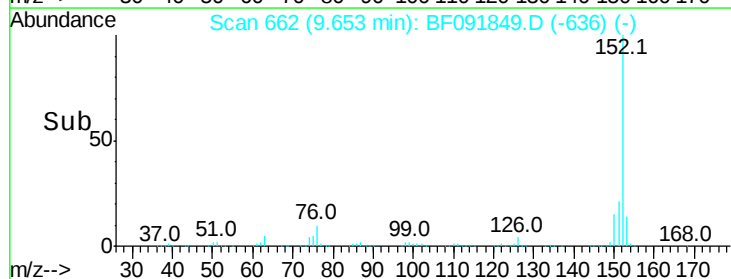
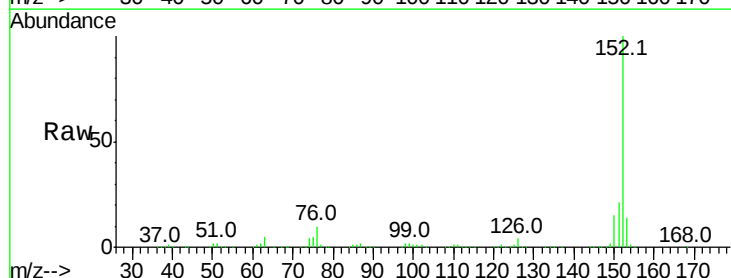
Manual Integrations
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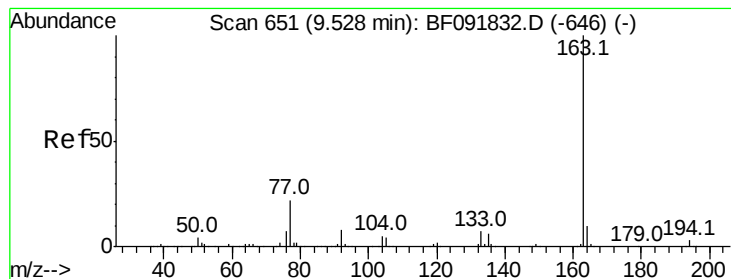
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#48
 Acenaphthylene
 Concen: 39.45 ng
 RT: 9.65 min Scan# 662
 Delta R.T. -0.00 min
 Lab File: BF091849.D
 Acq: 21 Dec 2016 22:29

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.9	25.3
153	14.1	11.4	17.2





#49

Dimethylphthalate

Concen: 39.78 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.00 min

Lab File: BF091849.D

Acq: 21 Dec 2016 22:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:163 Resp: 1577032

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

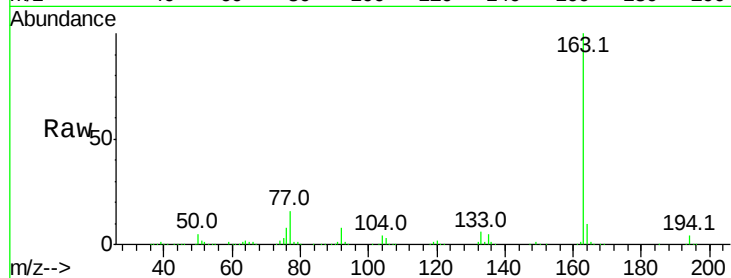
164 9.9 8.0 12.0

Manual Integrations

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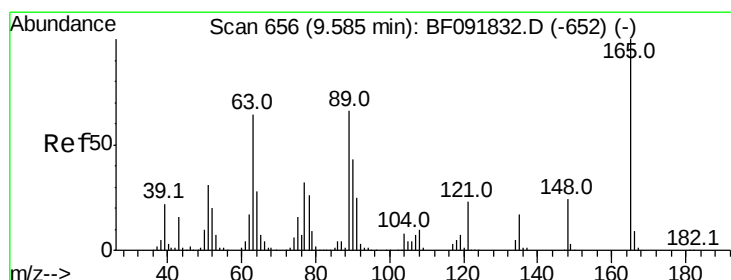
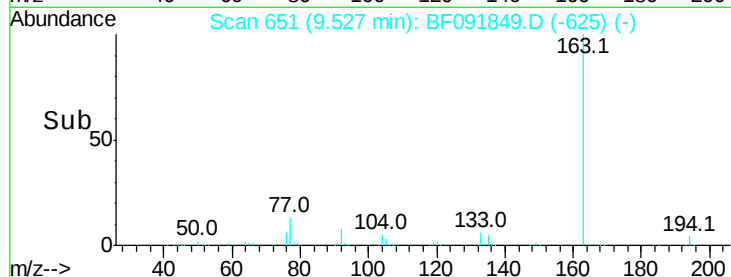
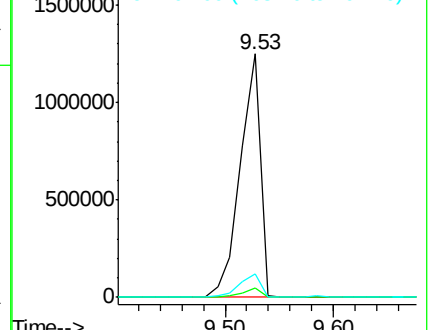
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.37 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.00 min

Lab File: BF091849.D

Acq: 21 Dec 2016 22:29

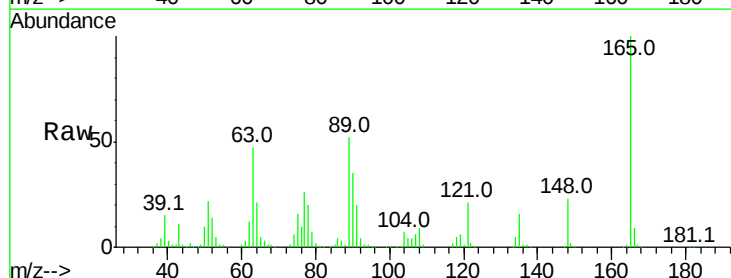
Tgt Ion:165 Resp: 367608

Ion Ratio Lower Upper

165 100

63 47.4 36.2 54.4

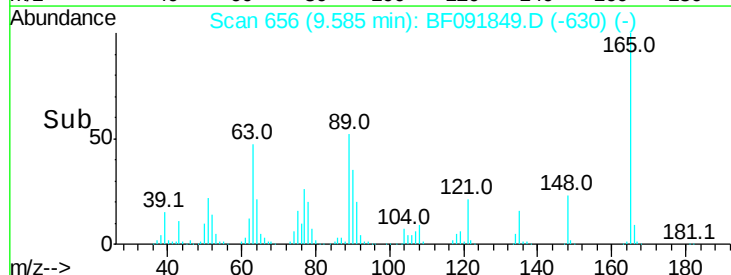
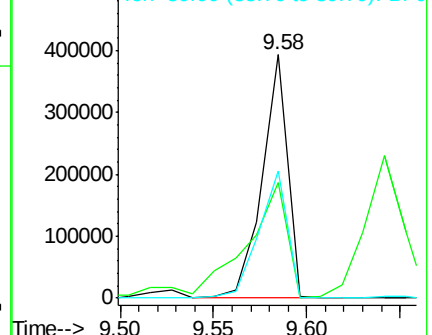
89 52.2 40.2 60.4

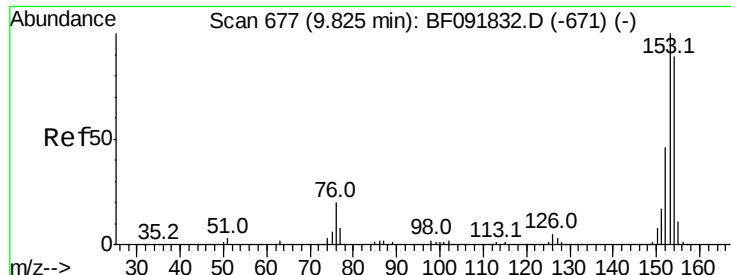


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.27 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF091849.D

Acq: 21 Dec 2016 22:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1306191

Ion Ratio Lower Upper

154 100

153 111.1 88.6 133.0

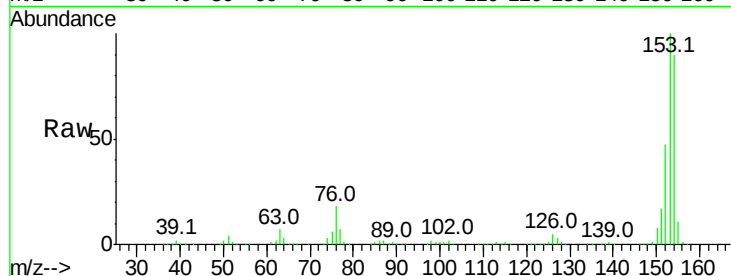
152 52.1 41.6 62.4

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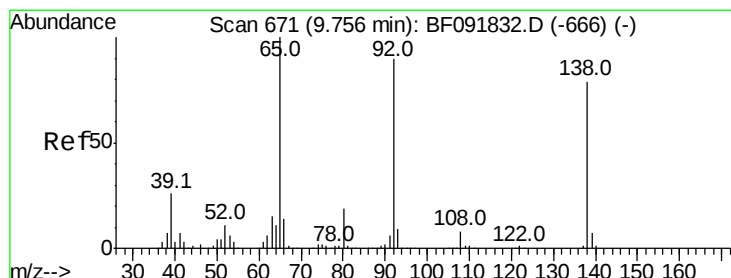
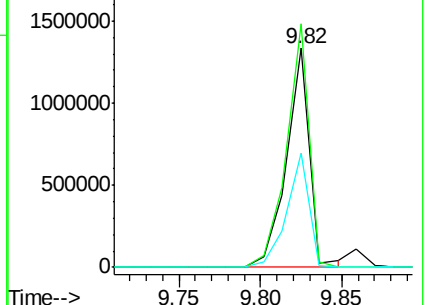
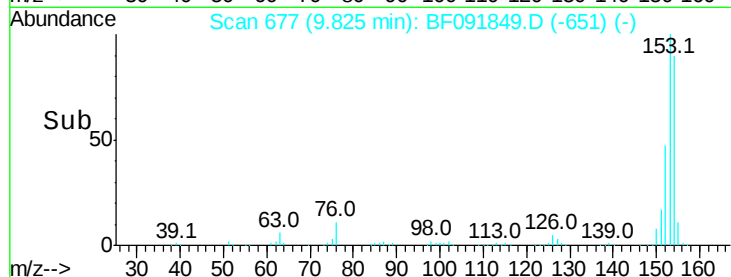
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 40.06 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF091849.D

Acq: 21 Dec 2016 22:29

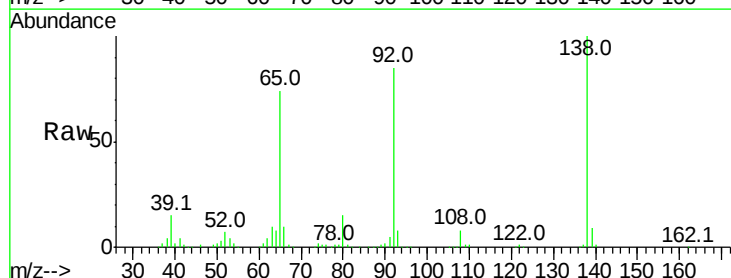
Tgt Ion:138 Resp: 430132

Ion Ratio Lower Upper

138 100

108 8.3 8.5 12.7#

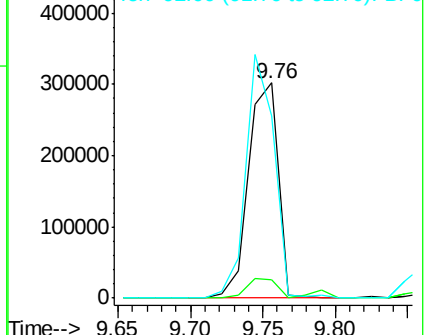
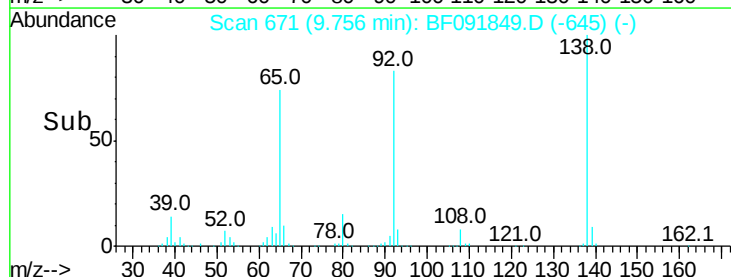
92 84.8 97.8 146.8#

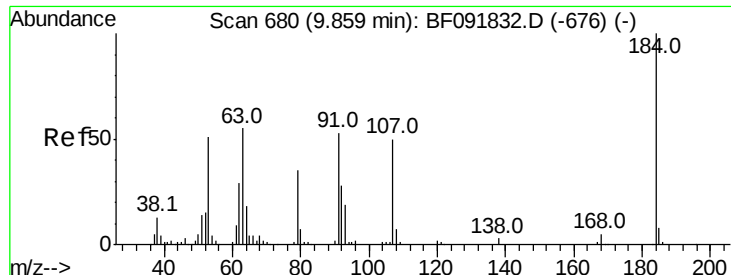


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





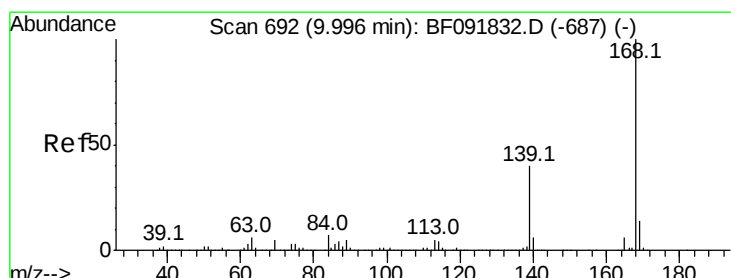
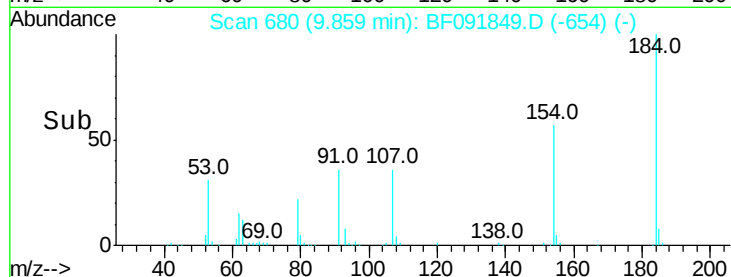
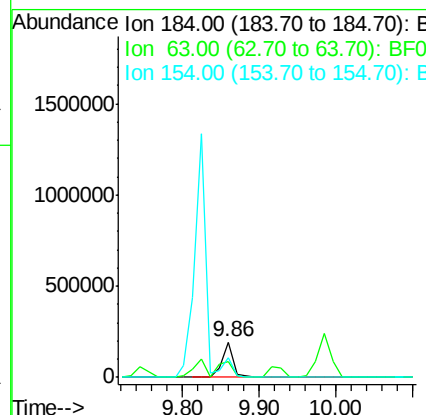
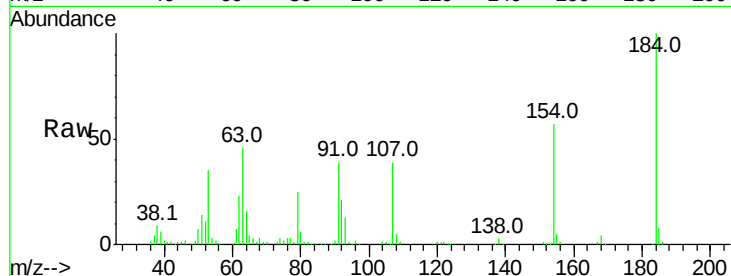
#53
 2,4-Dinitrophenol
 Concen: 40.91 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.00 min
 Lab File: BF091849.D
 Acq: 21 Dec 2016 22:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100	197523		
63	46.3	28.4	42.6#	
154	57.2	44.3	66.5	

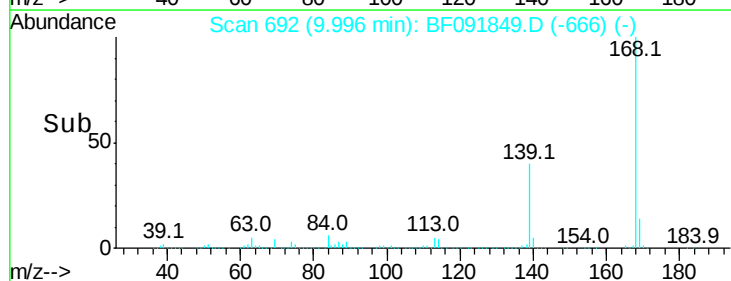
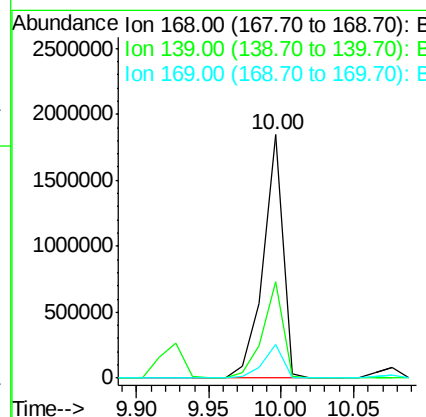
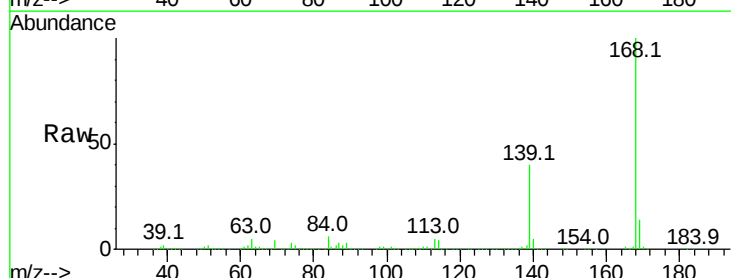
Manual Integrations
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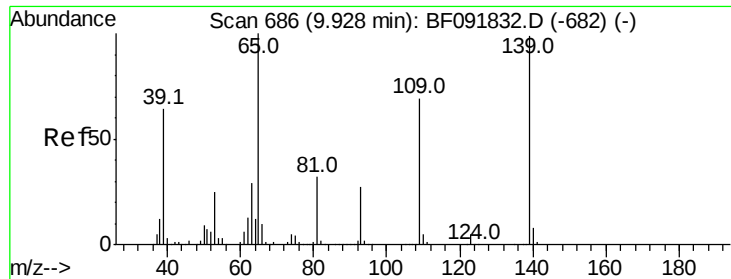
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#54
 Dibenzofuran
 Concen: 36.75 ng
 RT: 10.00 min Scan# 692
 Delta R.T. 0.00 min
 Lab File: BF091849.D
 Acq: 21 Dec 2016 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1739254		
139	39.5	32.6	49.0	
169	13.8	11.3	16.9	





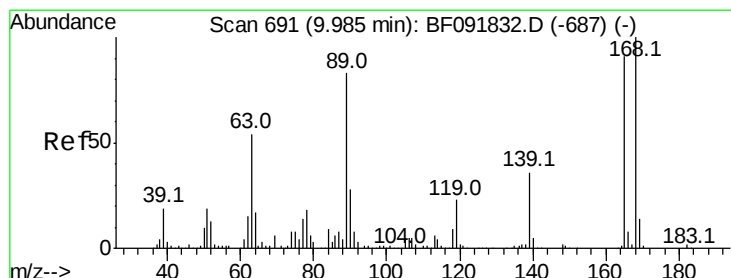
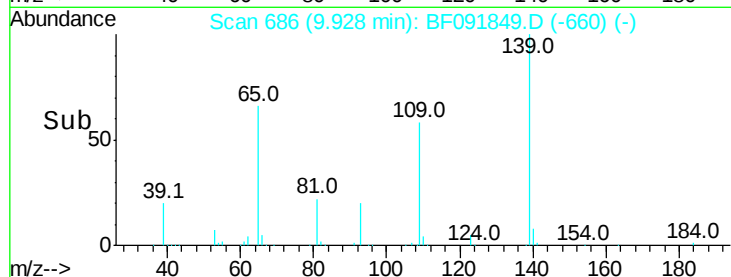
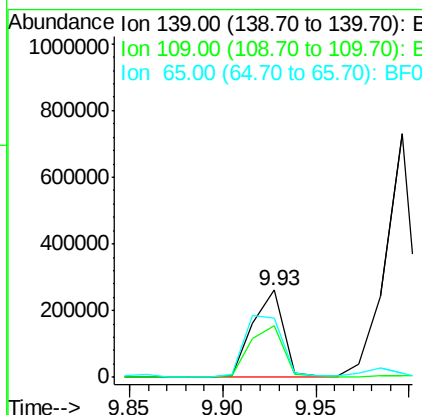
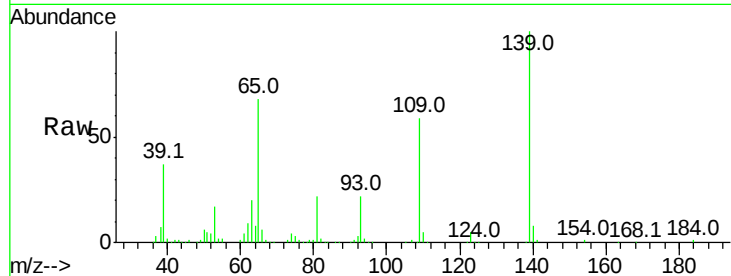
#55
4-Nitrophenol
Concen: 42.60 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF091849.D
Acq: 21 Dec 2016 22:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
139	100		
109	58.6	52.2	92.2
65	67.9	85.8	125.8

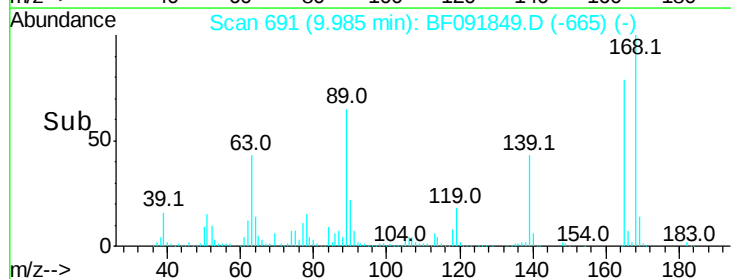
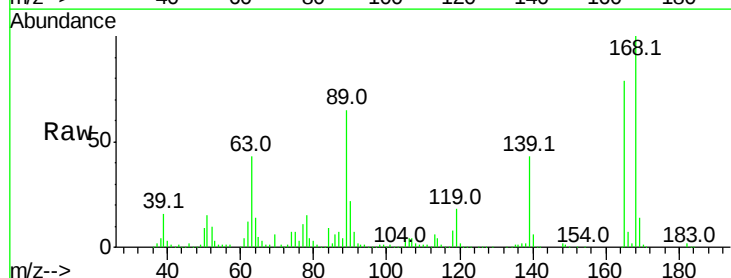
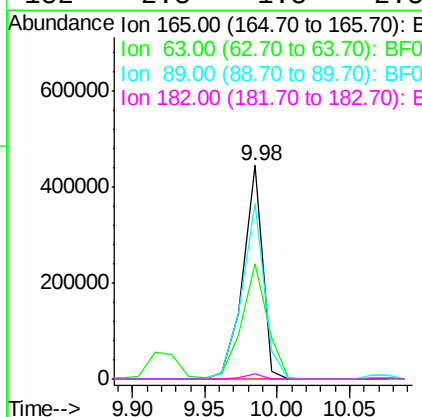
Manual Integrations
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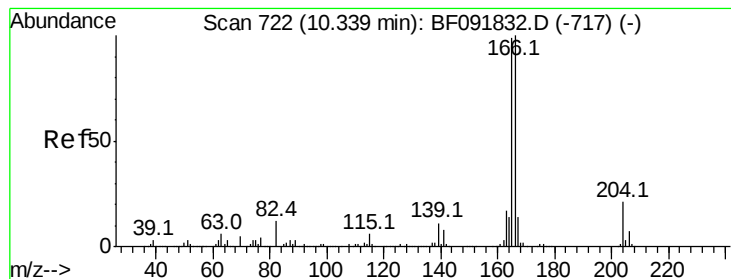
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#56
2,4-Dinitrotoluene
Concen: 38.51 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF091849.D
Acq: 21 Dec 2016 22:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	53.9	40.2	60.4
89	82.2	62.5	93.7
182	2.3	1.8	2.8





#57

Fluorene

Concen: 39.99 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF091849.D

Acq: 21 Dec 2016 22:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 1376758

Ion Ratio Lower Upper

166 100

165 97.8 77.8 116.8

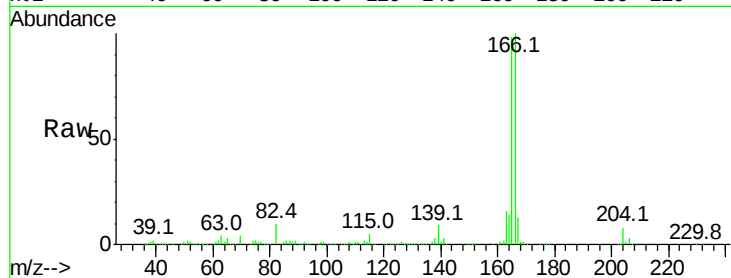
167 13.5 10.8 16.2

Manual Integrations

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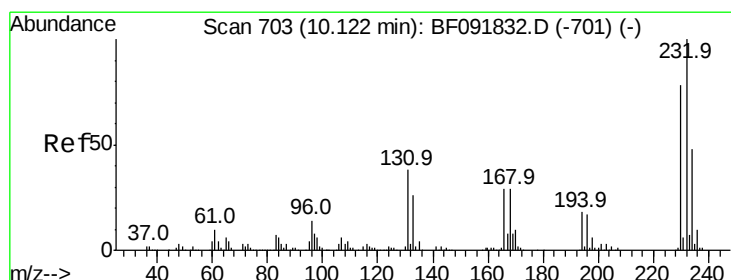
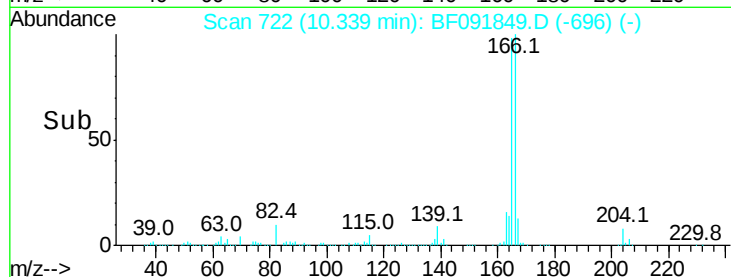
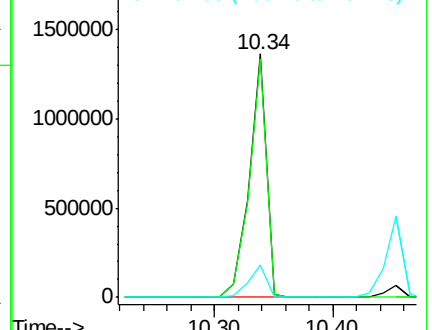
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.86 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.00 min

Lab File: BF091849.D

Acq: 21 Dec 2016 22:29

Tgt Ion:232 Resp: 328572

Ion Ratio Lower Upper

232 100

131 47.6 40.1 60.1

130 2.2 1.8 2.8

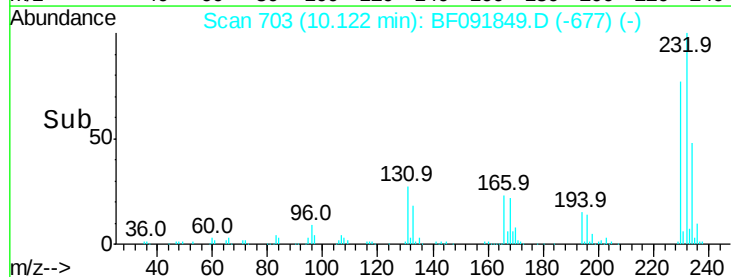
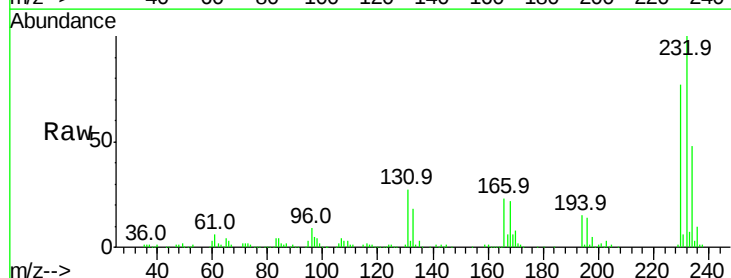
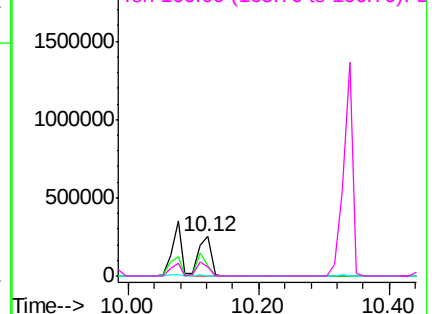
166 31.9 26.6 39.8

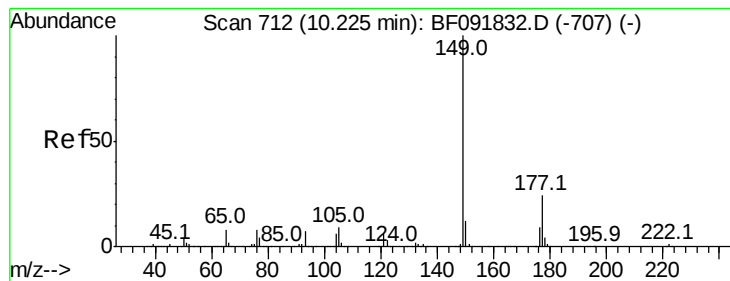
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 35.10 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF091849.D

Acq: 21 Dec 2016 22:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1351506

Ion Ratio Lower Upper

149 100

177 21.2 16.6 25.0

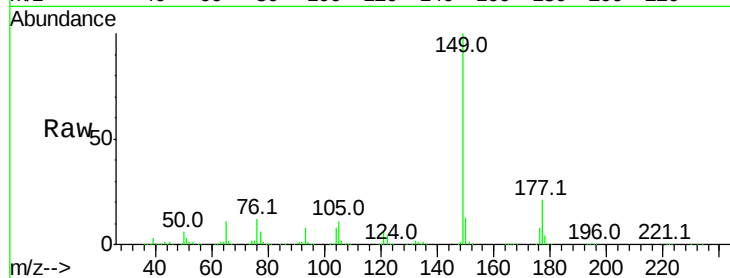
150 12.9 10.4 15.6

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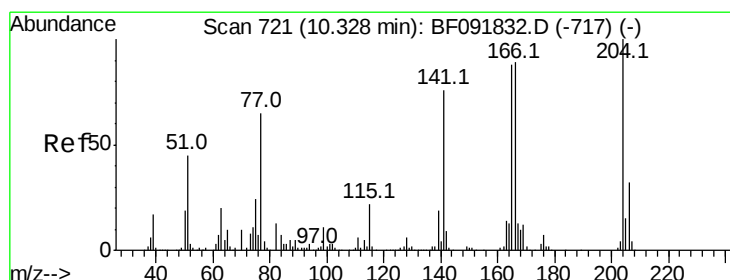
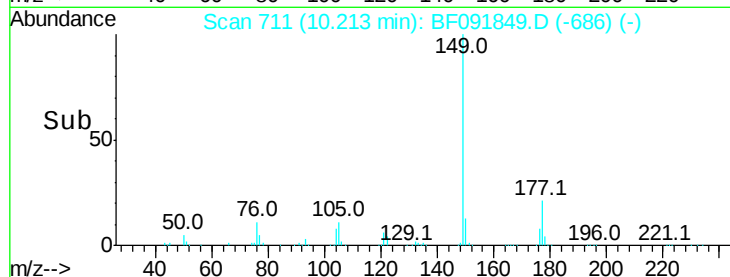
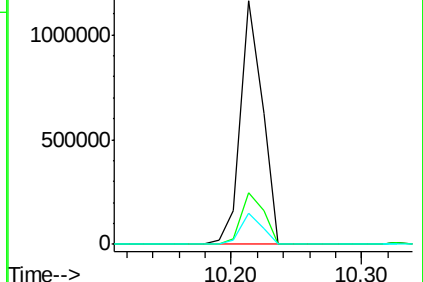
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 35.64 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF091849.D

Acq: 21 Dec 2016 22:29

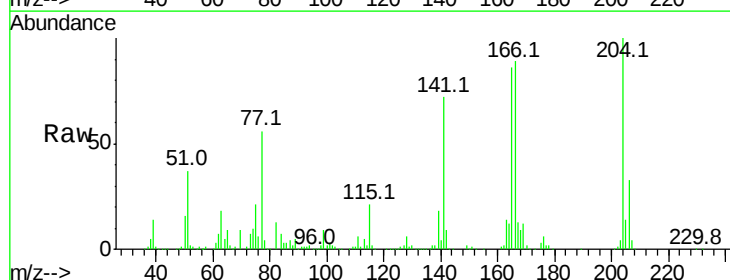
Tgt Ion:204 Resp: 537332

Ion Ratio Lower Upper

204 100

206 32.9 25.8 38.6

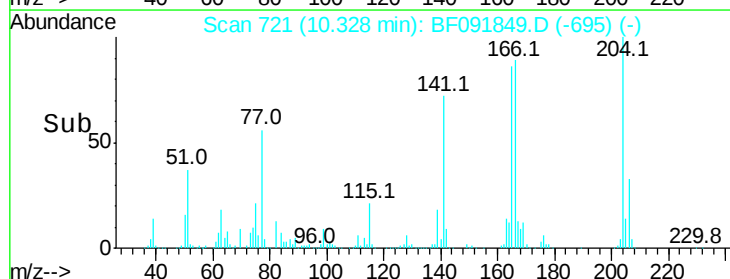
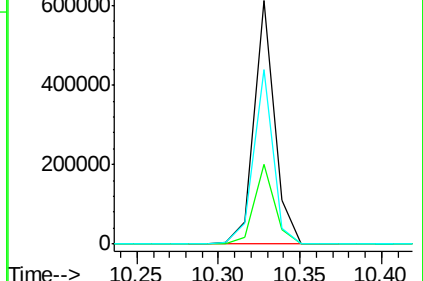
141 71.9 59.4 89.0

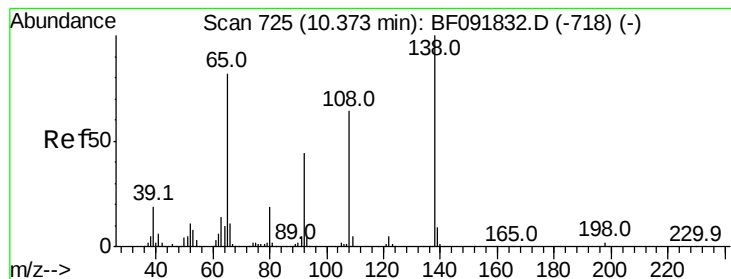


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





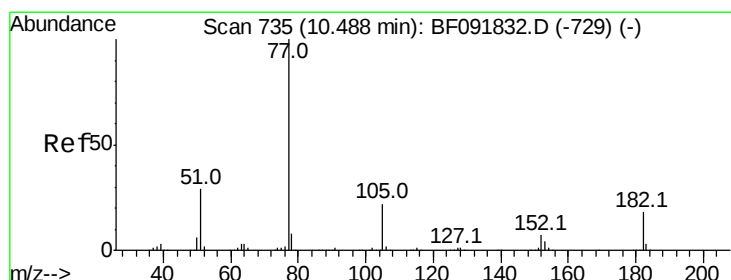
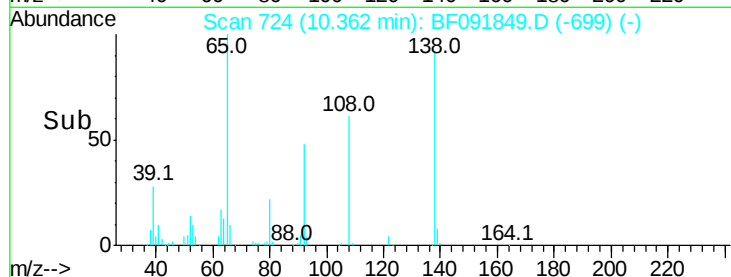
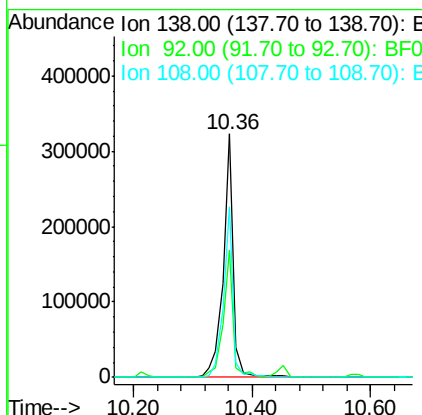
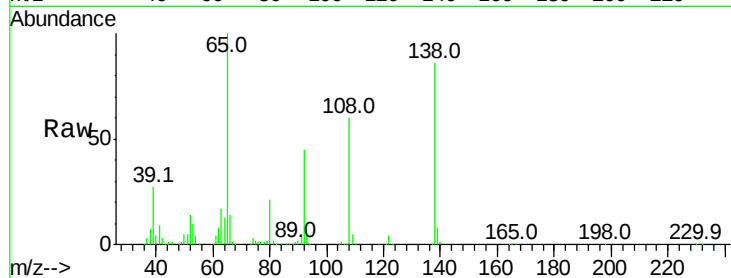
#61
4-Nitroaniline
Concen: 34.47 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF091849.D
Acq: 21 Dec 2016 22:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.1	31.7	71.7
108	70.1	52.6	92.6

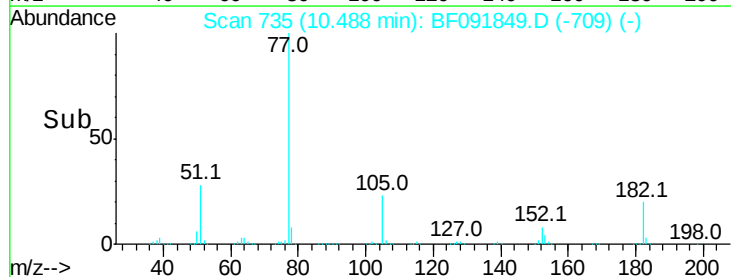
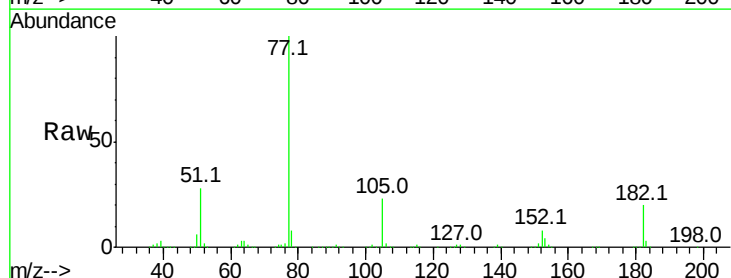
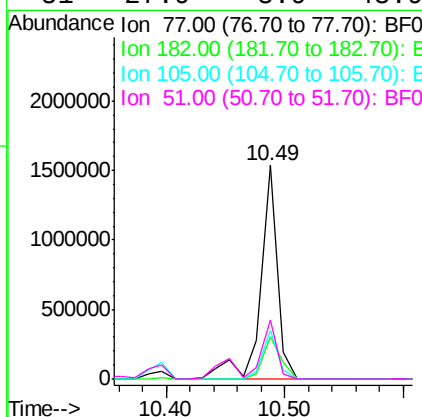
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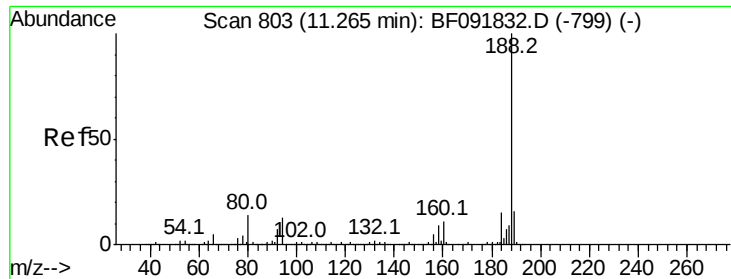
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#62
Azobenzene
Concen: 36.30 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.00 min
Lab File: BF091849.D
Acq: 21 Dec 2016 22:29

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.9	0.0	39.3
105	22.9	2.3	42.3
51	27.9	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.26 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF091849.D

Acq: 21 Dec 2016 22:29

Instrument :

BNA_F

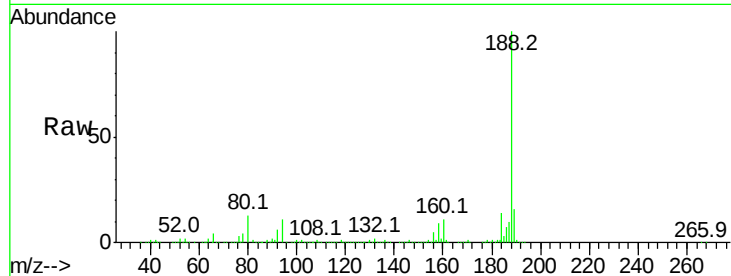
ClientSampleId :

SSTDCCC040

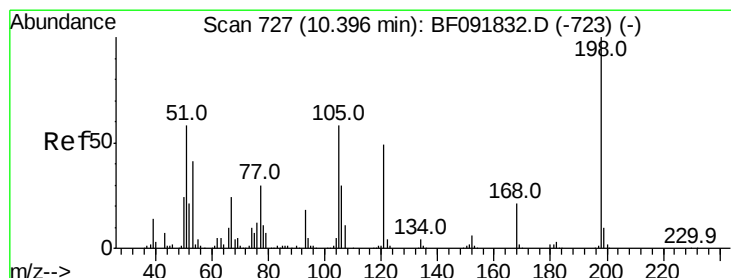
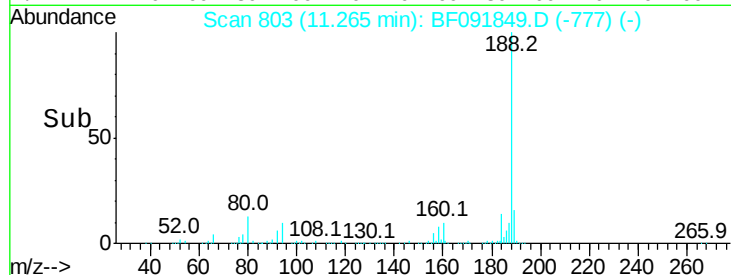
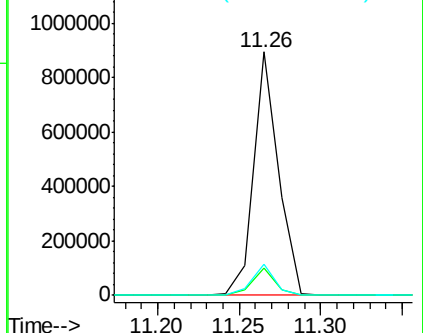
Tot Ion:	188	Resp:	944755
Ion Ratio	Lower	Upper	
188	100		
94	11.1	10.0	15.0
80	12.7	11.2	16.8

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Abundance Ion 188.00 (187.70 to 188.70): E



#64

4,6-Dinitro-2-methylphenol

Concen: 49.21 ng

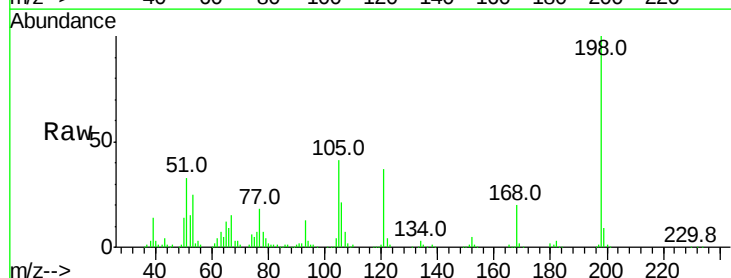
RT: 10.40 min Scan# 727

Delta R.T. -0.00 min

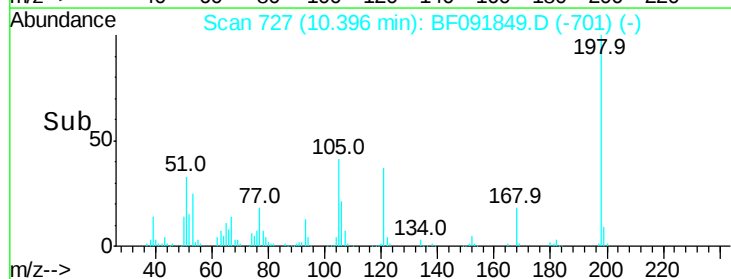
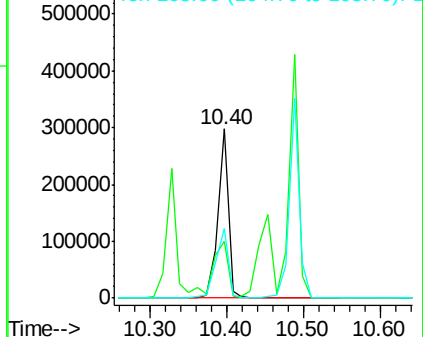
Lab File: BF091849.D

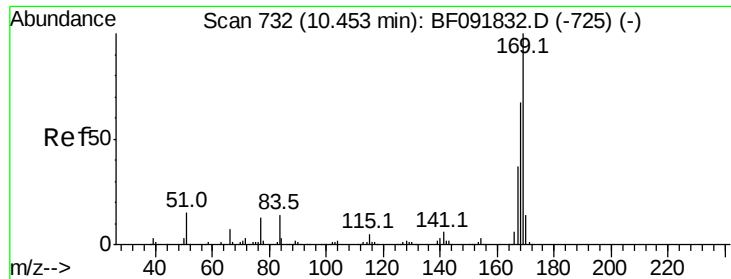
Acq: 21 Dec 2016 22:29

Tgt Ion:	198	Resp:	281125
Ion Ratio	Lower	Upper	
198	100		
51	33.3	6.7	46.7
105	40.9	16.6	56.6



Abundance Ion 198.00 (197.70 to 198.70): E





#65

n-Nitrosodiphenylamine

Concen: 43.09 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF091849.D

Acq: 21 Dec 2016 22:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:169 Resp: 1208065

Ion Ratio Lower Upper

169 100

168 67.3 54.2 81.2

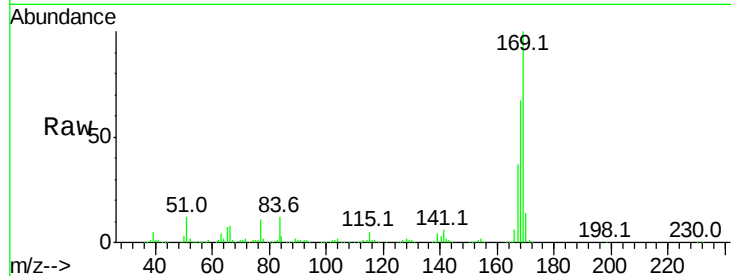
167 37.2 30.2 45.4

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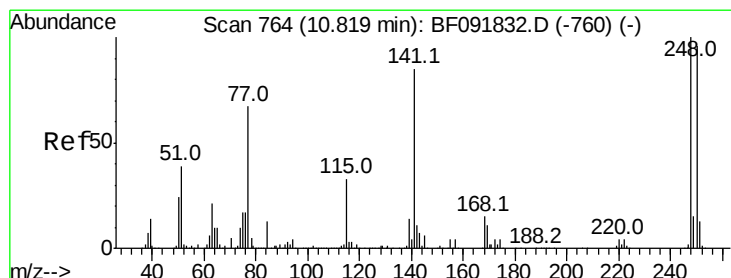
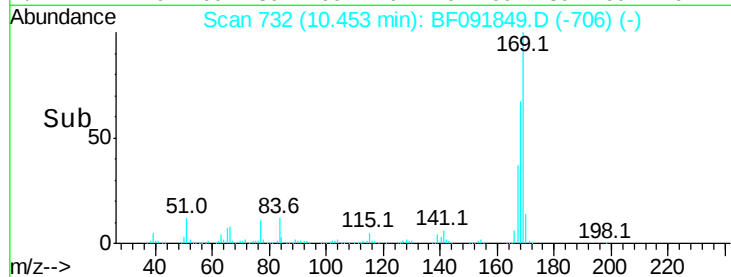
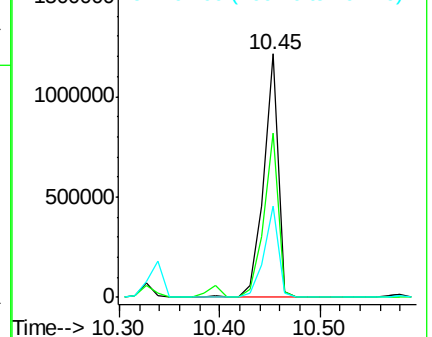
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.76 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF091849.D

Acq: 21 Dec 2016 22:29

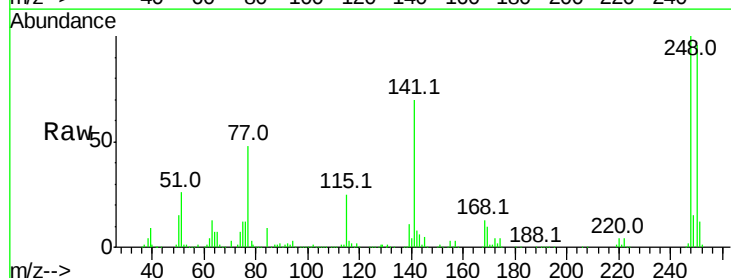
Tgt Ion:248 Resp: 400569

Ion Ratio Lower Upper

248 100

250 95.6 76.9 115.3

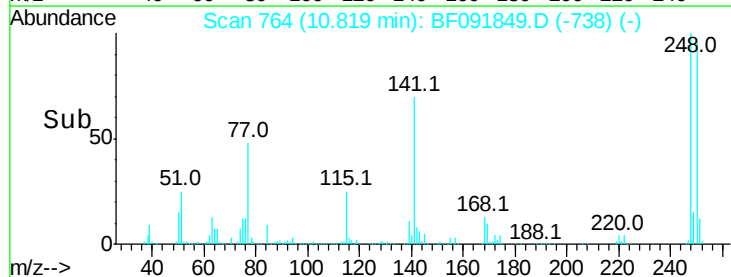
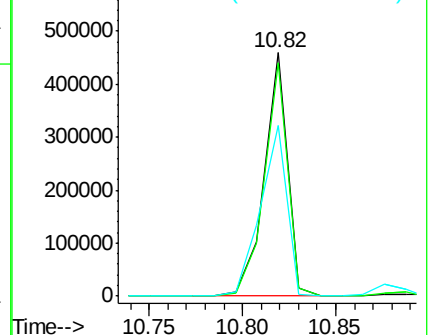
141 69.9 68.2 102.4

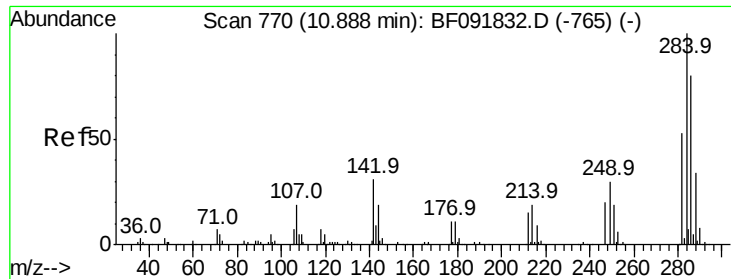


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





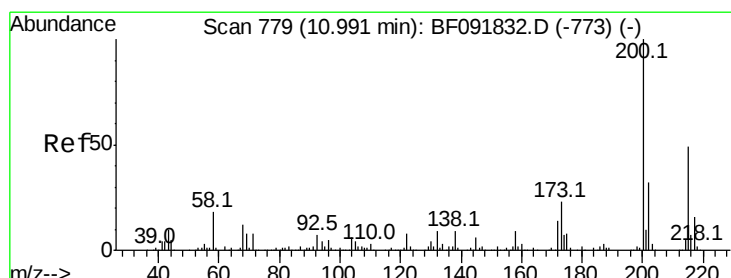
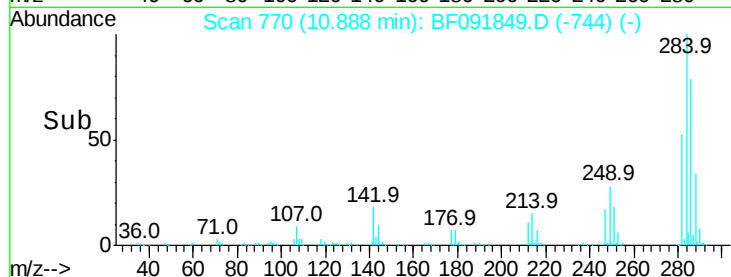
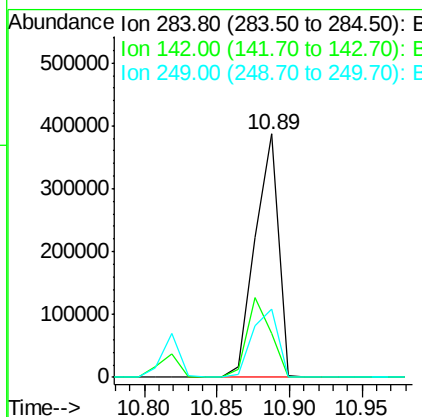
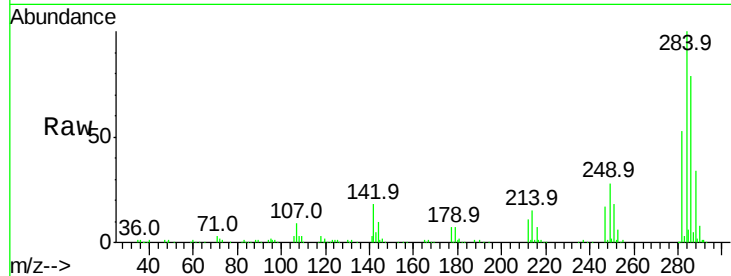
#67
Hexachlorobenzene
Concen: 41.18 ng
RT: 10.89 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF091849.D
Acq: 21 Dec 2016 22:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	17.9	22.6	33.8#	
249	27.9	25.4	38.0	

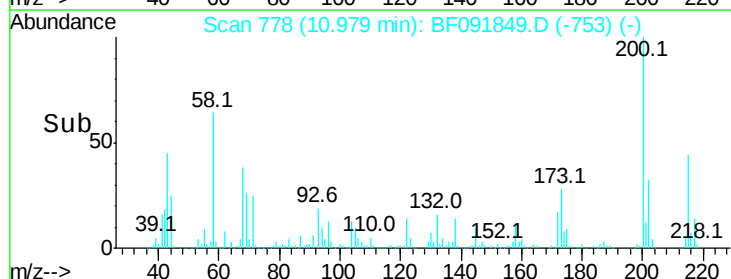
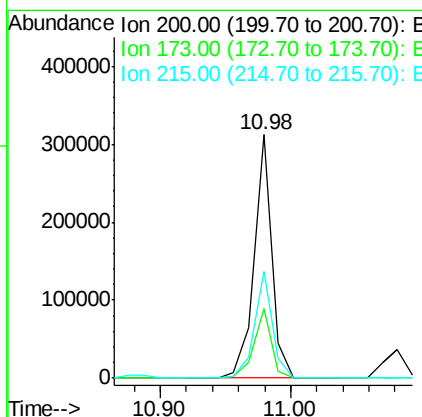
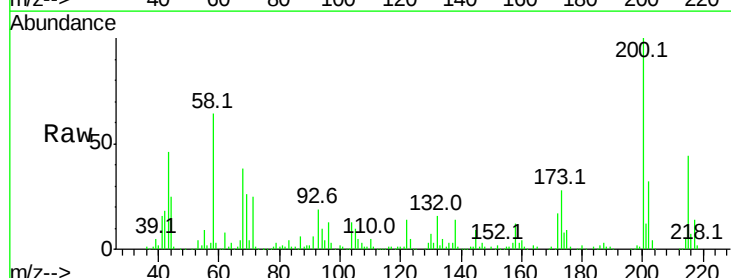
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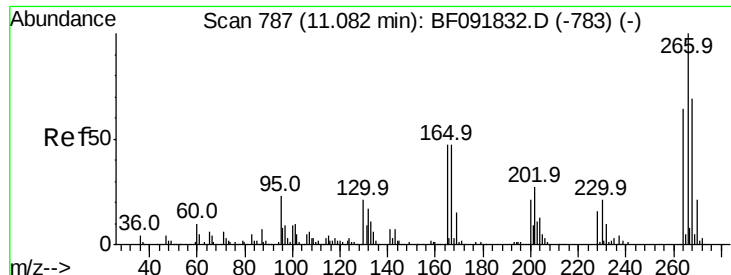
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#68
Atrazine
Concen: 32.69 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF091849.D
Acq: 21 Dec 2016 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.3	9.6	49.6	
215	44.0	25.7	65.7	





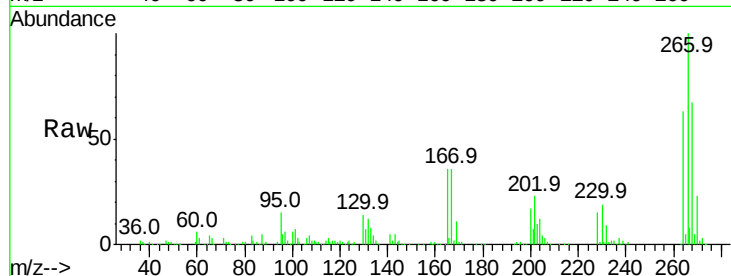
#69
 Pentachlorophenol
 Concen: 43.37 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF091849.D
 Acq: 21 Dec 2016 22:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.4	53.3	79.9
264	63.3	50.3	75.5

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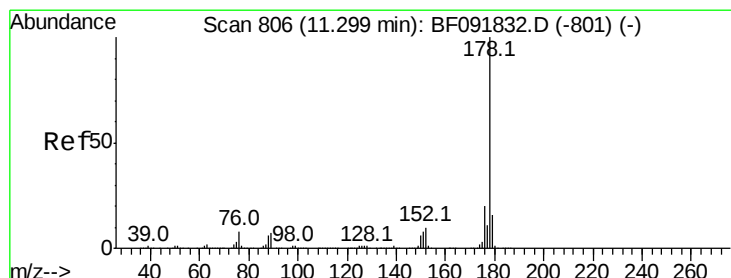
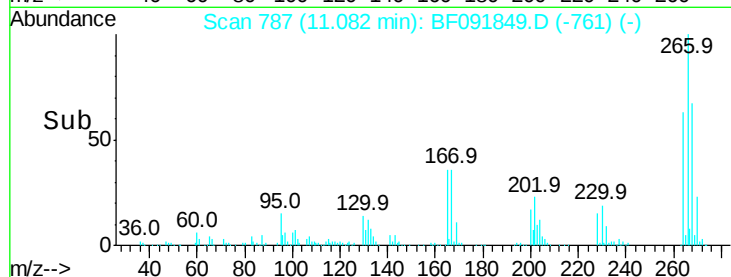
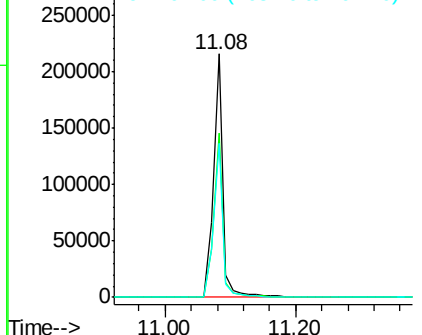


Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 38.50 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF091849.D
 Acq: 21 Dec 2016 22:29

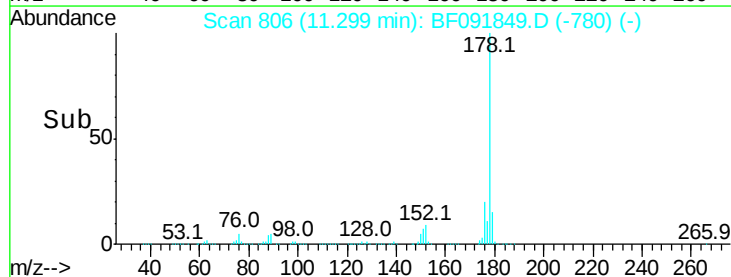
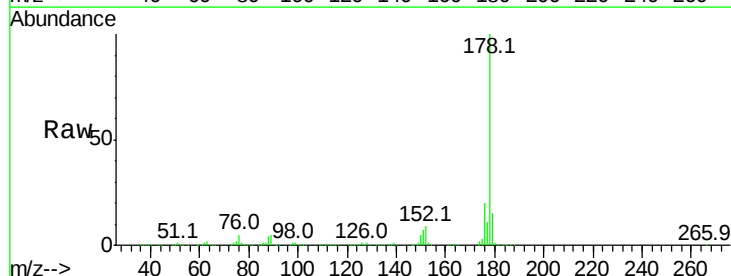
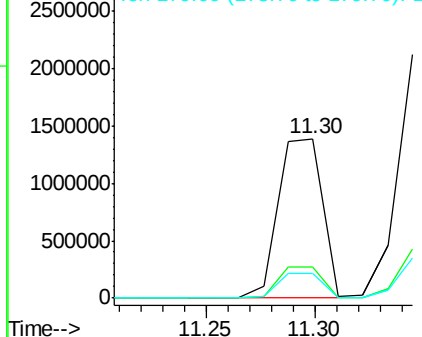
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.6	25.0
179	15.5	12.8	19.2

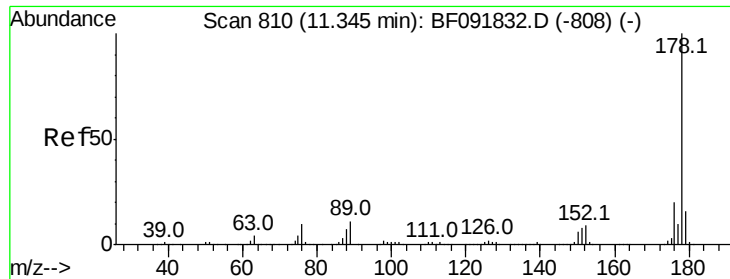
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





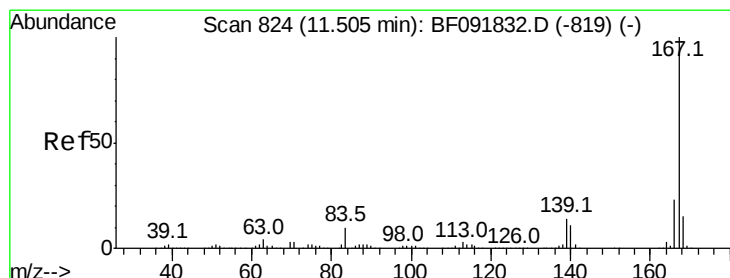
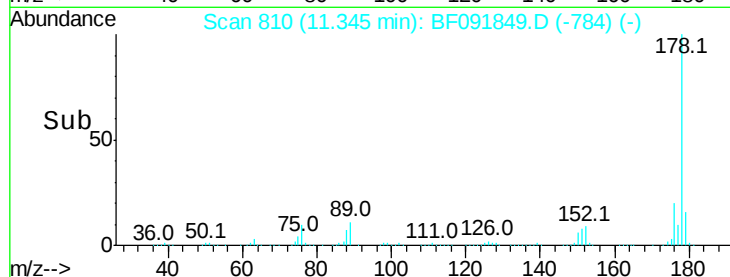
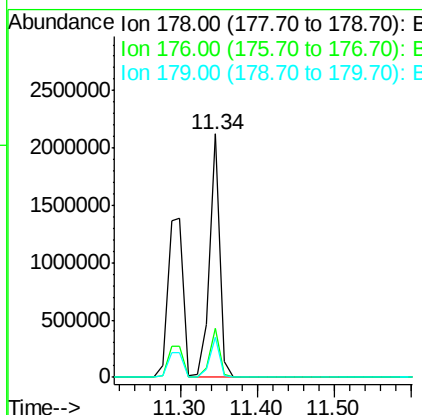
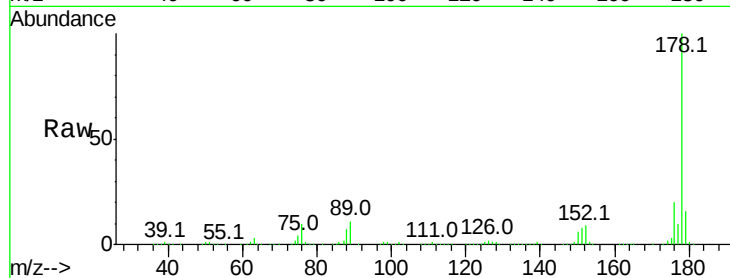
#71
 Anthracene
 Concen: 40.45 ng
 RT: 11.34 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF091849.D
 Acq: 21 Dec 2016 22:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1901742
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.9 23.9
 179 16.2 13.2 19.8

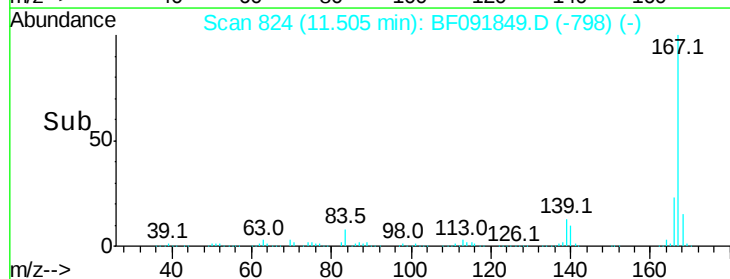
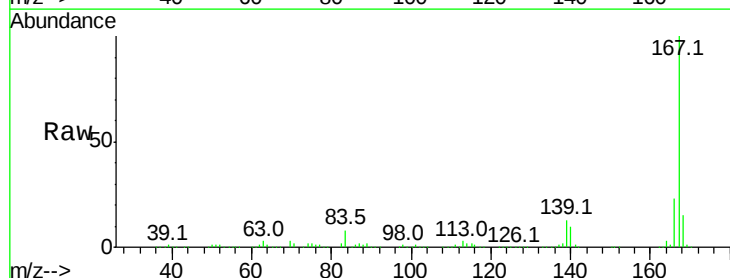
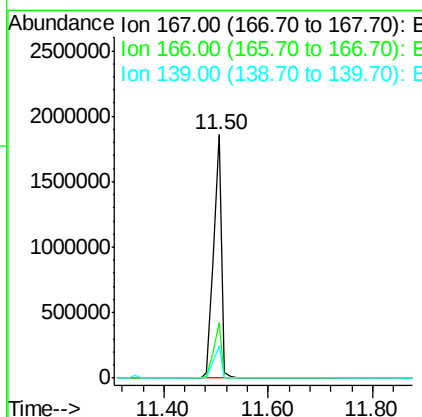
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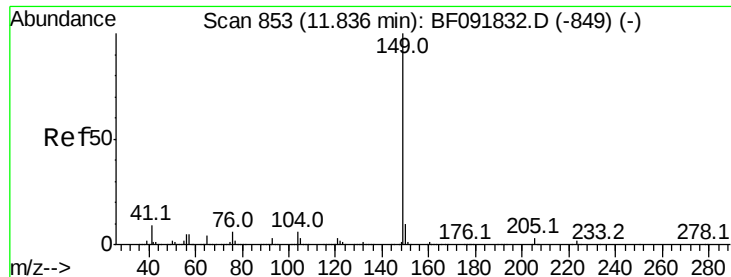
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#72
 Carbazole
 Concen: 46.97 ng
 RT: 11.50 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BF091849.D
 Acq: 21 Dec 2016 22:29

Tgt Ion:167 Resp: 1942959
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.2 27.2
 139 13.4 11.4 17.2





#73

Di-n-butylphthalate

Concen: 40.30 ng

RT: 11.84 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF091849.D

Acq: 21 Dec 2016 22:29

Instrument :

BNA_F

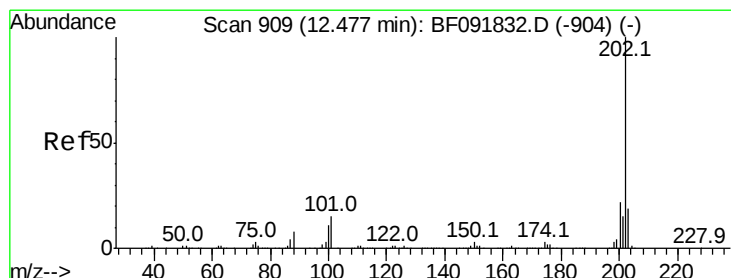
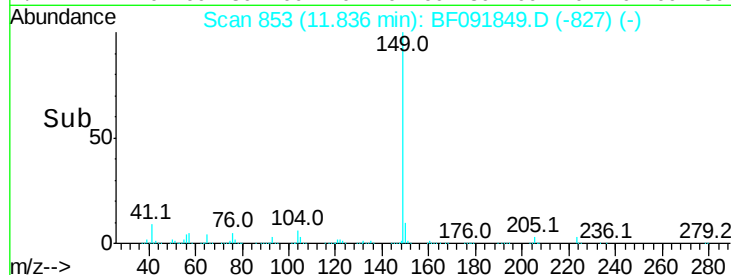
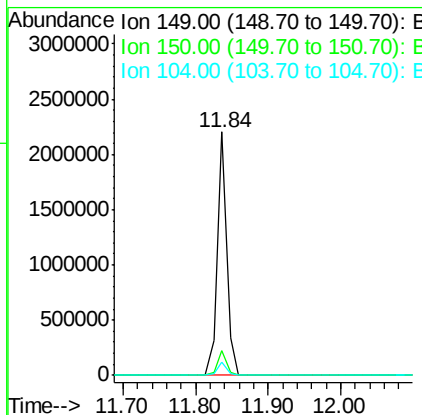
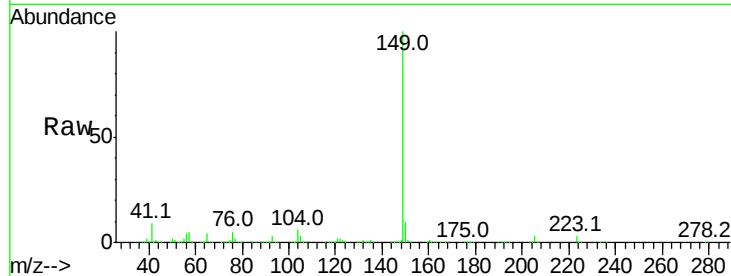
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	1977031
Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.1	12.1
104	5.6	4.6	7.0

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#74

Fluoranthene

Concen: 41.34 ng

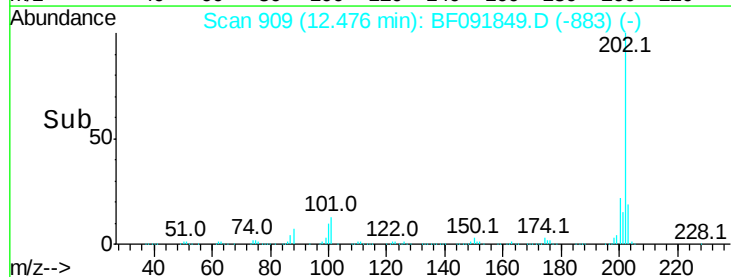
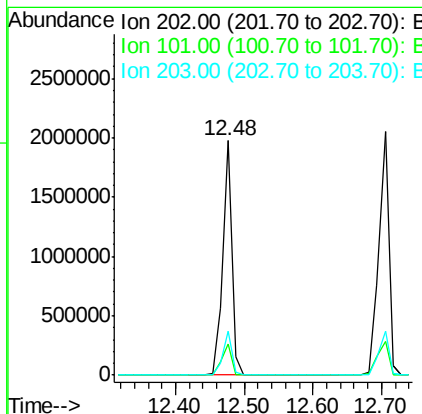
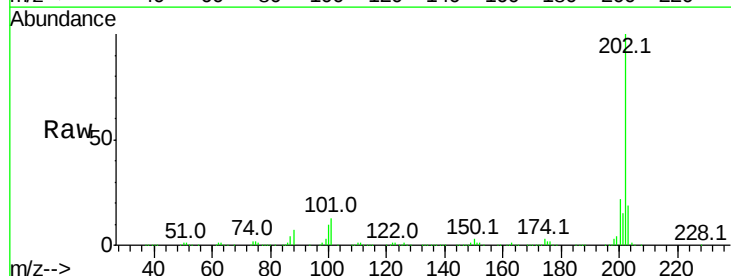
RT: 12.48 min Scan# 909

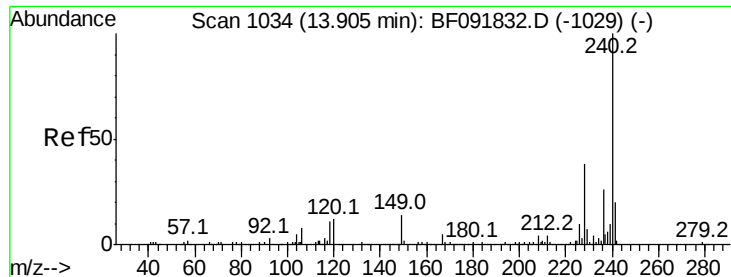
Delta R.T. 0.00 min

Lab File: BF091849.D

Acq: 21 Dec 2016 22:29

Tgt Ion:	202	Resp:	1871934
Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	34.6
203	18.5	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF091849.D

Acq: 21 Dec 2016 22:29

Instrument :

BNA_F

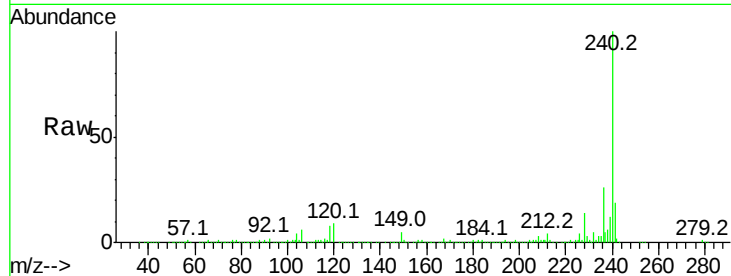
ClientSampleId :

SSTDCCC040

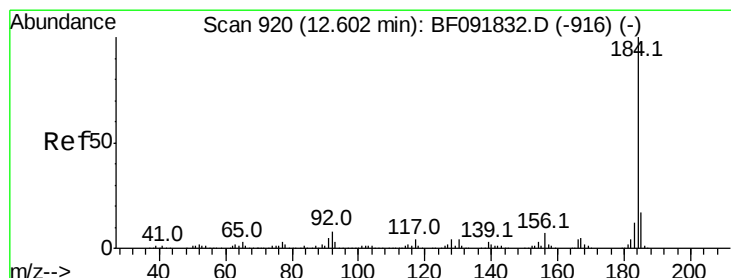
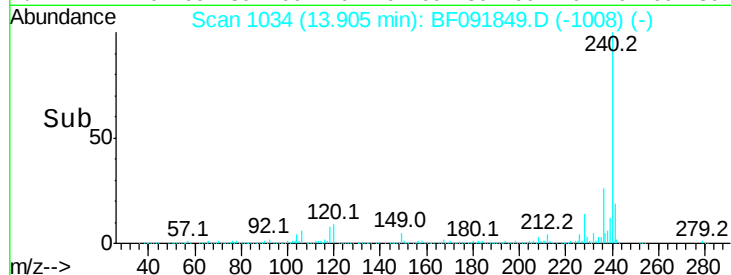
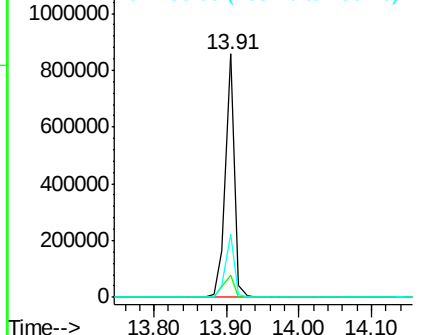
Tot Ion:	240	Resp:	744707
Ion Ratio	Lower	Upper	
240	100		
120	8.9	12.9	19.3#
236	26.0	20.9	31.3

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 38.59 ng

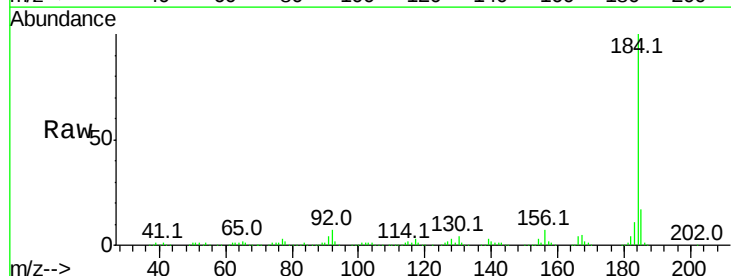
RT: 12.60 min Scan# 920

Delta R.T. 0.00 min

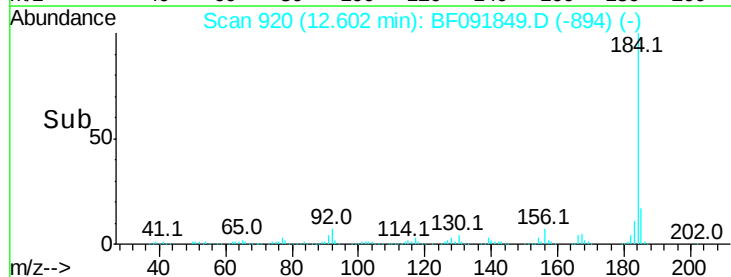
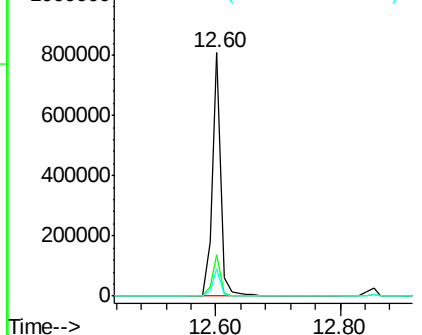
Lab File: BF091849.D

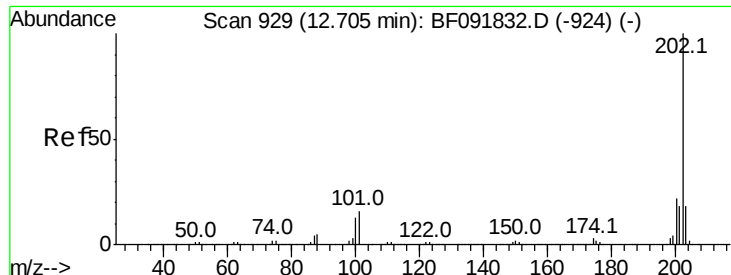
Acq: 21 Dec 2016 22:29

Tgt Ion:	184	Resp:	756626
Ion Ratio	Lower	Upper	
184	100		
185	17.2	13.4	20.0
183	11.1	9.2	13.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





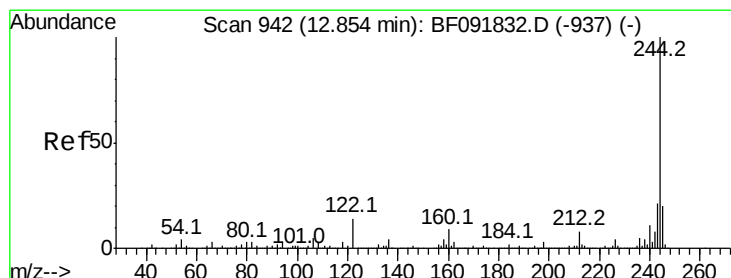
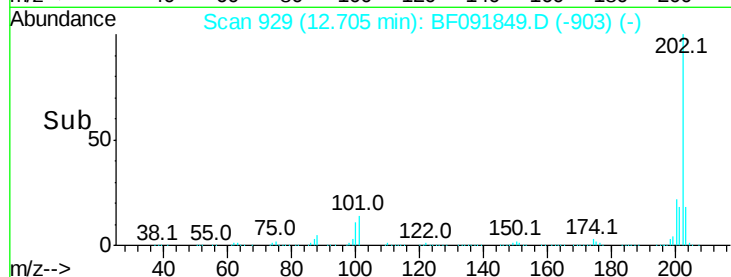
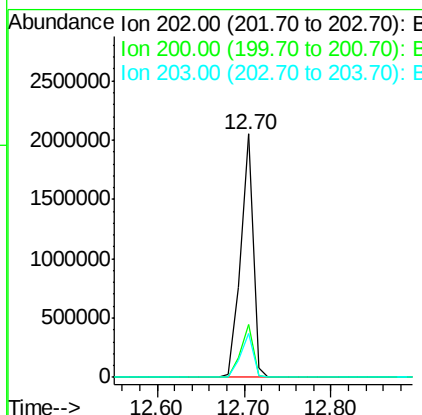
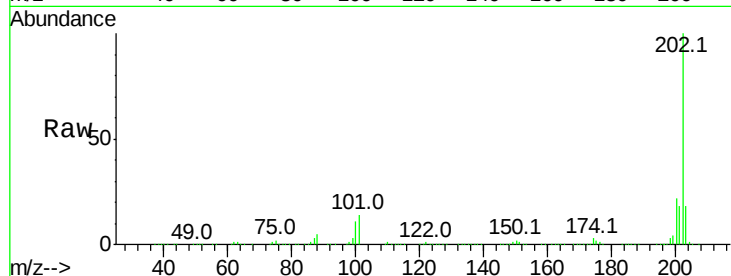
#77
Pvrene
Concen: 36.85 ng
RT: 12.70 min Scan# 929
Delta R.T. -0.00 min
Lab File: BF091849.D
Acq: 21 Dec 2016 22:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.7	26.5
203	18.3	14.7	22.1

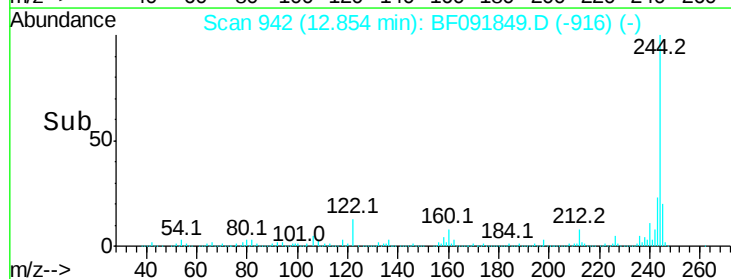
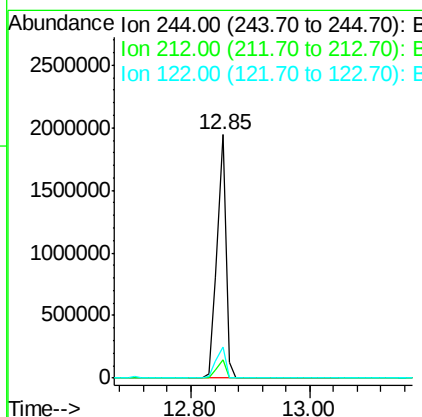
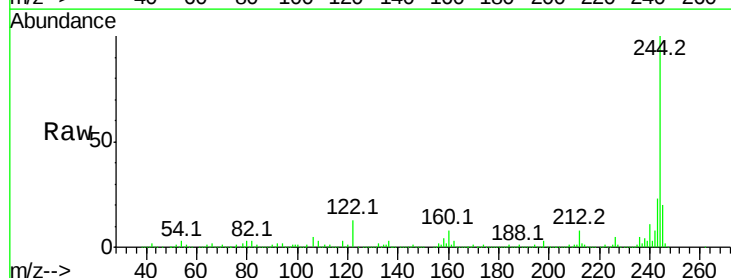
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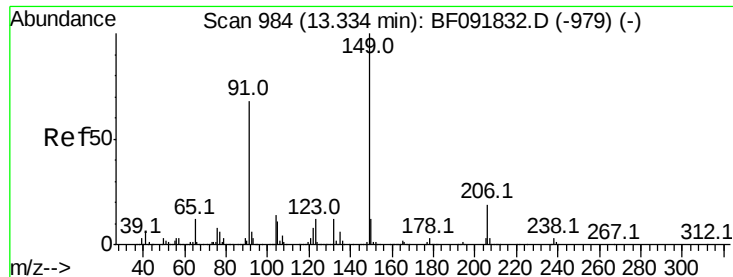
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#78
Terphenyl-d14
Concen: 65.55 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF091849.D
Acq: 21 Dec 2016 22:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	12.8	11.4	17.2





#79

Butylbenzylphthalate

Concen: 37.27 ng

RT: 13.33 min Scan# 984

Delta R.T. -0.00 min

Lab File: BF091849.D

Acq: 21 Dec 2016 22:29

Instrument :

BNA_F

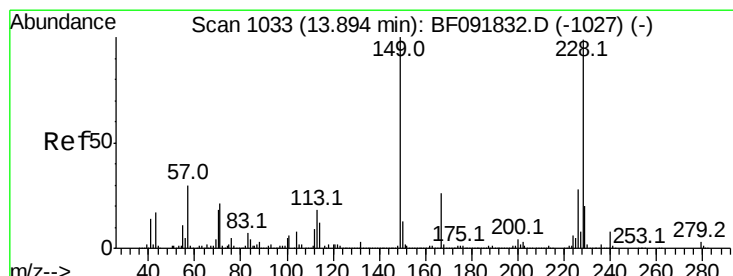
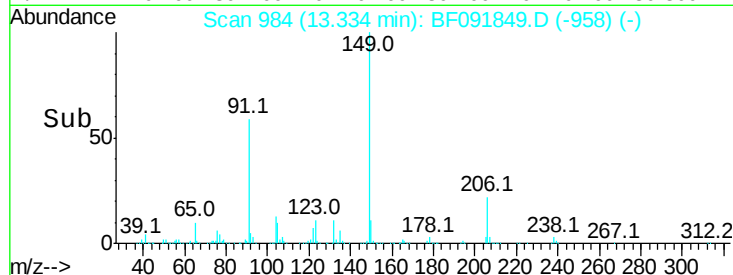
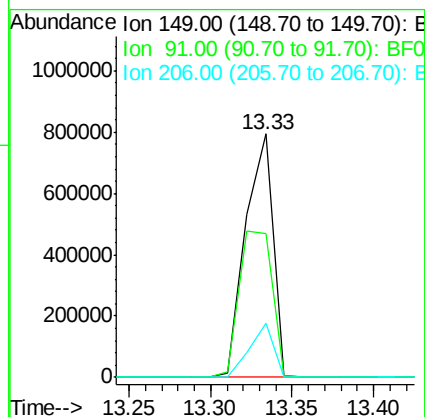
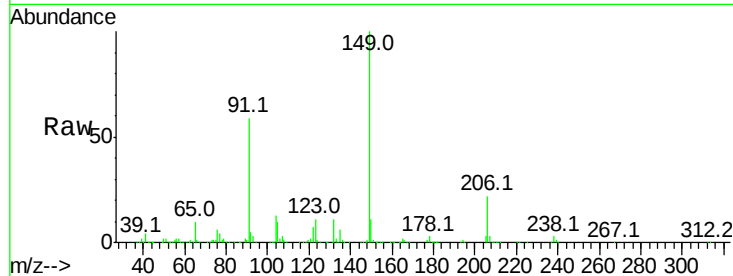
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	926212
Ion Ratio	Lower	Upper	
149	100		
91	59.0	63.9	95.9#
206	22.5	14.6	21.8#

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#80

Benzo(a)anthracene

Concen: 34.47 ng

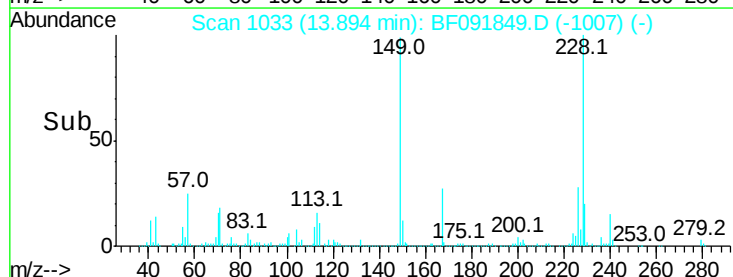
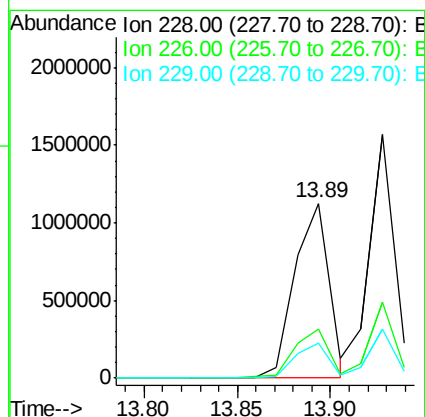
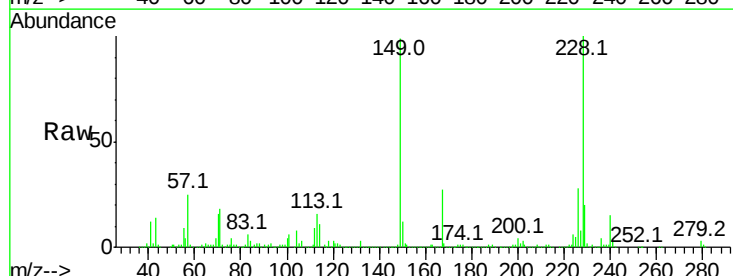
RT: 13.89 min Scan# 1033

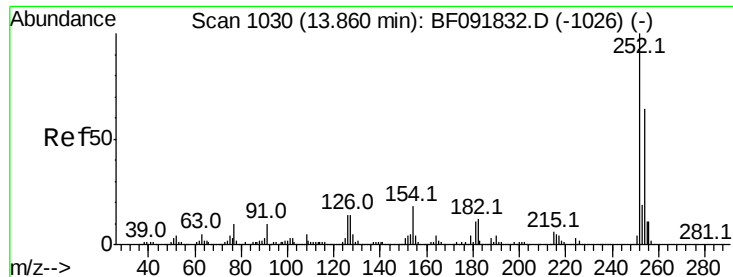
Delta R.T. -0.00 min

Lab File: BF091849.D

Acq: 21 Dec 2016 22:29

Tgt Ion:	228	Resp:	1448982
Ion Ratio	Lower	Upper	
228	100		
226	27.7	22.4	33.6
229	20.1	16.2	24.4





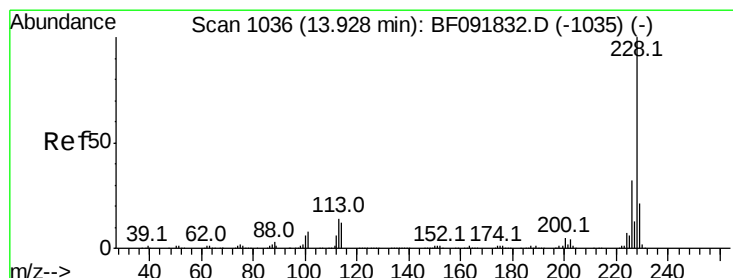
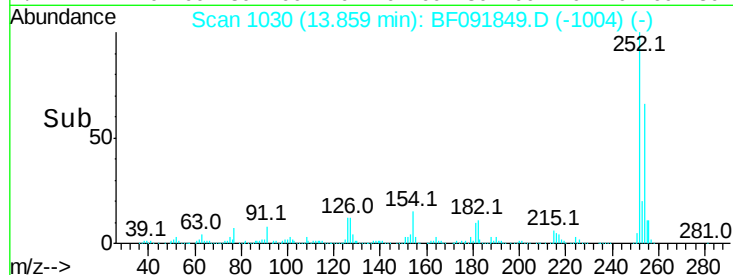
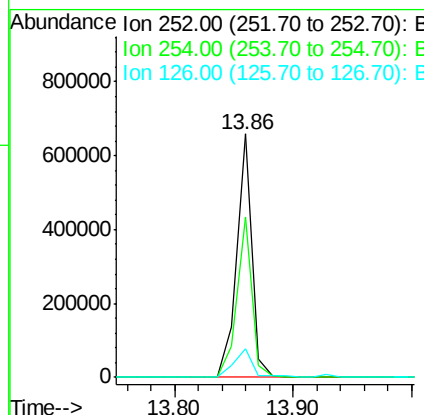
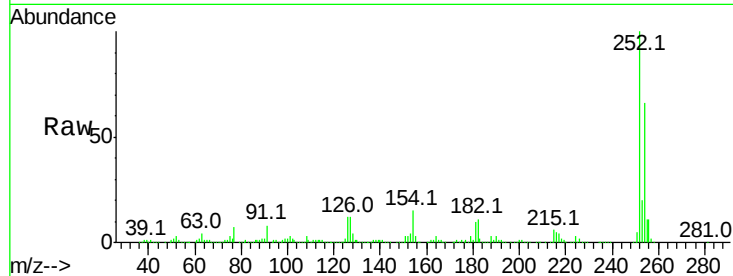
#81
 3,3'-Dichlorobenzidine
 Concen: 36.90 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BF091849.D
 Acq: 21 Dec 2016 22:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
254	65.8	52.3	78.5	
126	11.8	13.6	20.4	

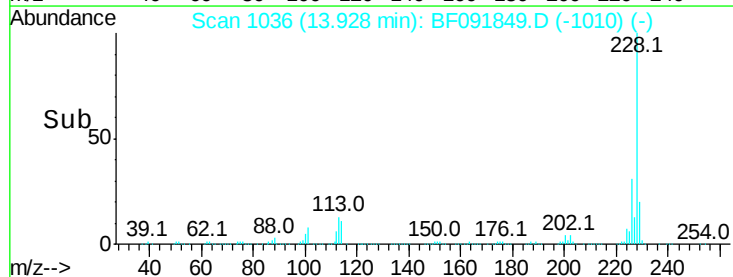
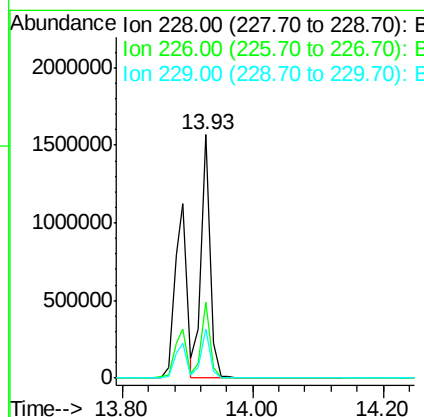
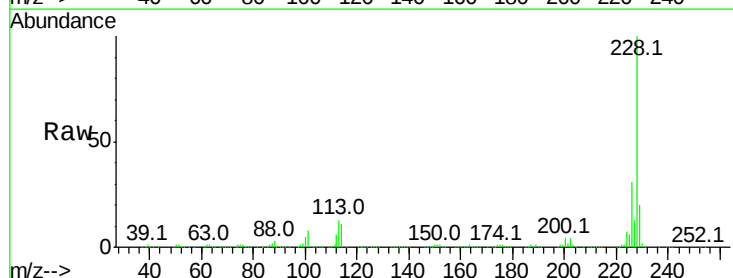
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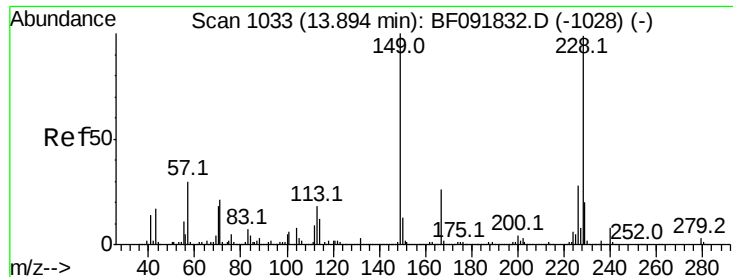
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#82
 Chrysene
 Concen: 34.88 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF091849.D
 Acq: 21 Dec 2016 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	31.3	25.4	38.0	
229	20.4	16.2	24.2	





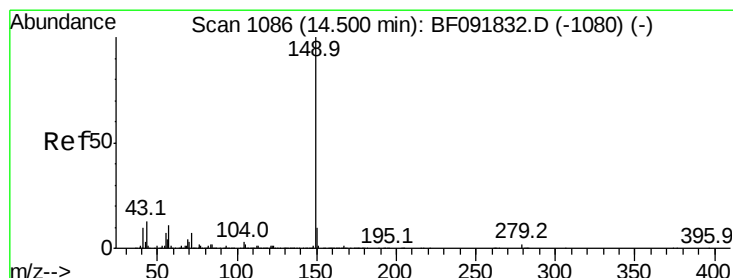
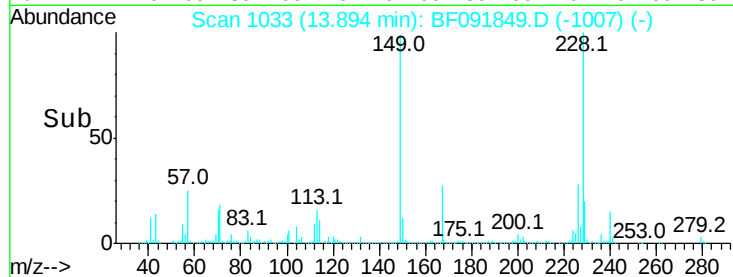
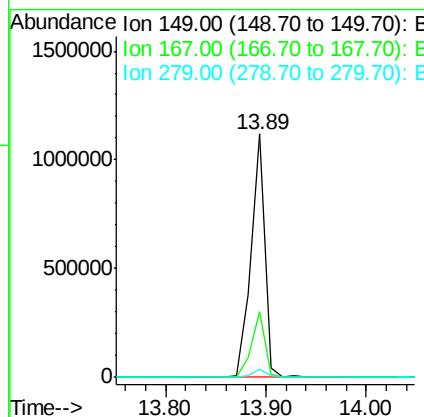
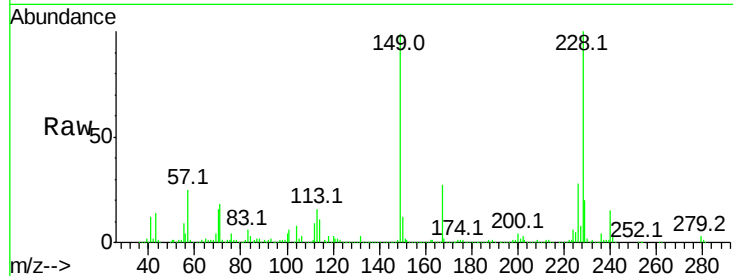
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.60 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF091849.D
 Acq: 21 Dec 2016 22:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.2	20.2	30.4
279	3.3	1.8	2.8

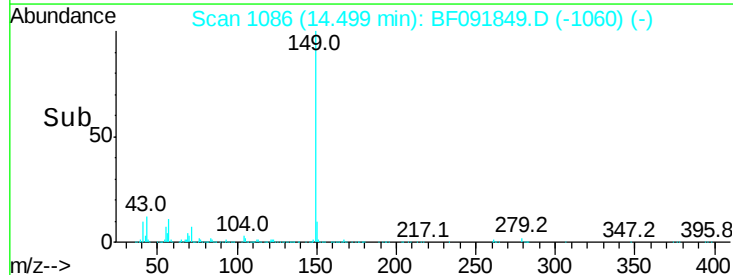
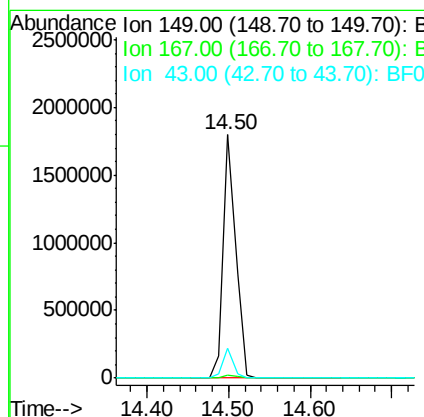
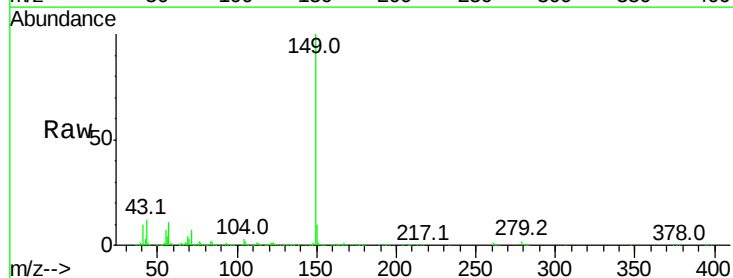
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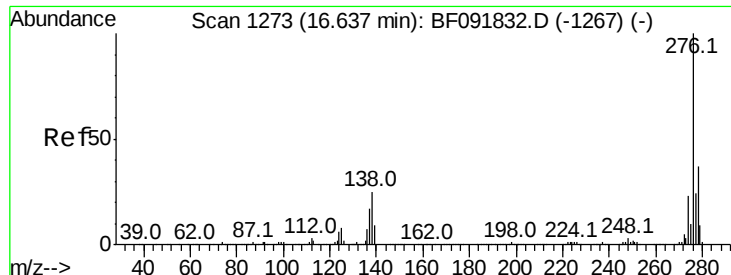
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#84
 Di-n-octyl phthalate
 Concen: 35.01 ng
 RT: 14.50 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: BF091849.D
 Acq: 21 Dec 2016 22:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	10.8	8.9	13.3





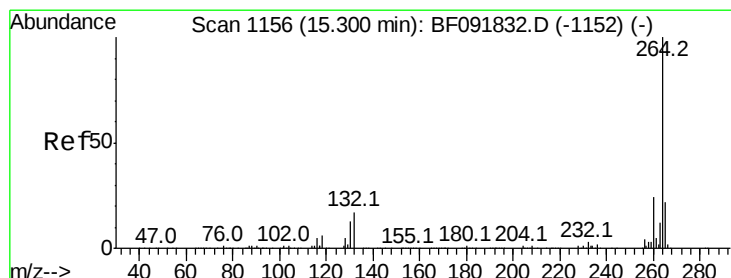
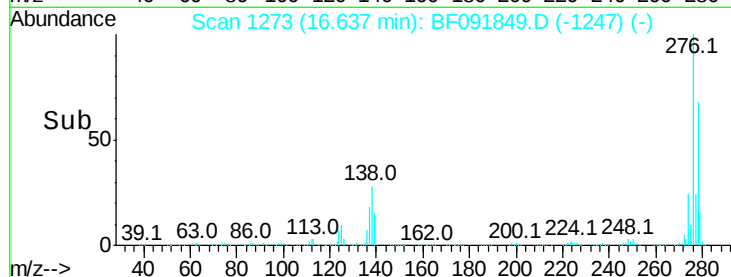
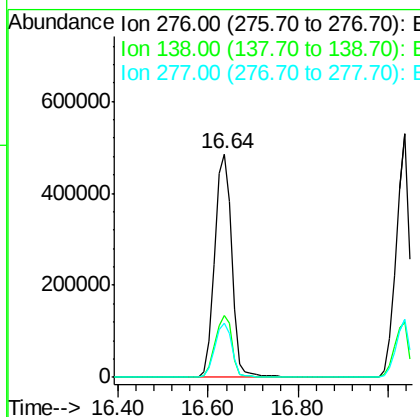
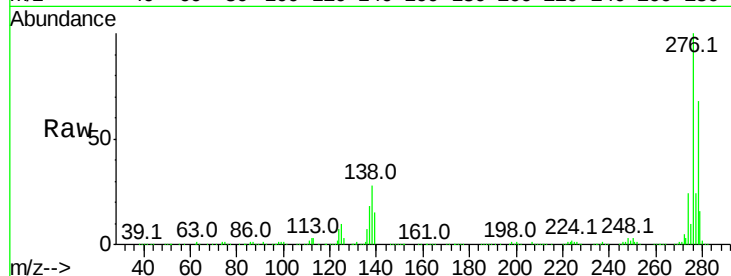
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.32 ng
 RT: 16.64 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BF091849.D
 Acq: 21 Dec 2016 22:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.7	21.8	32.6
277	24.5	20.2	30.4

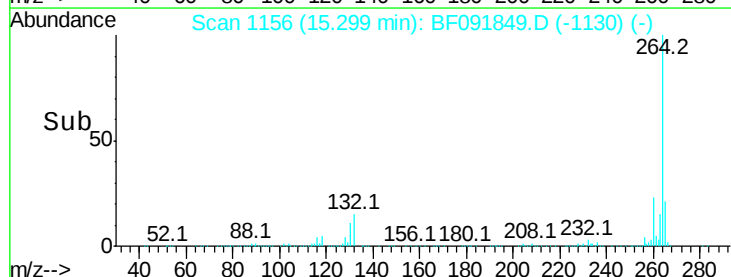
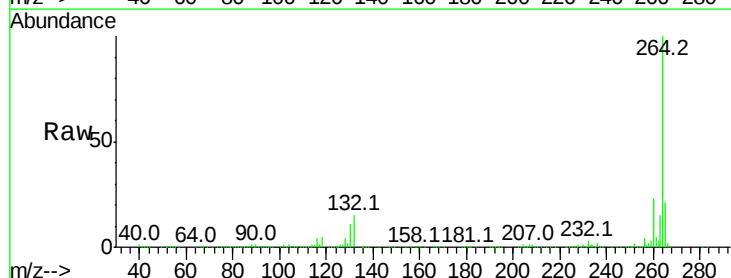
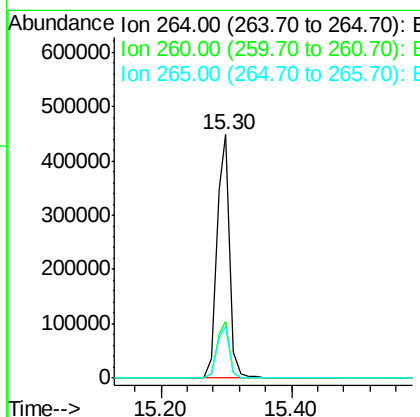
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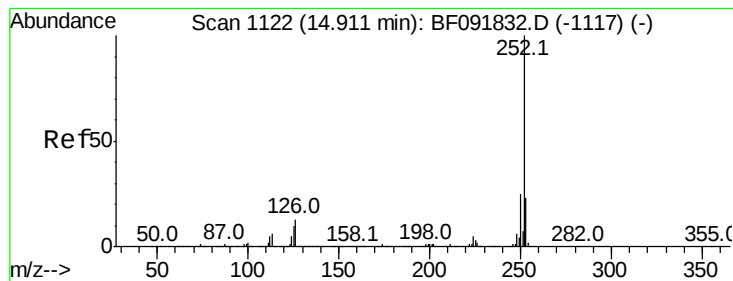
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: BF091849.D
 Acq: 21 Dec 2016 22:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.3	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 44.18 ng m

RT: 14.91 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BF091849.D

Acq: 21 Dec 2016 22:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:252 Resp: 1700608

Ion Ratio Lower Upper

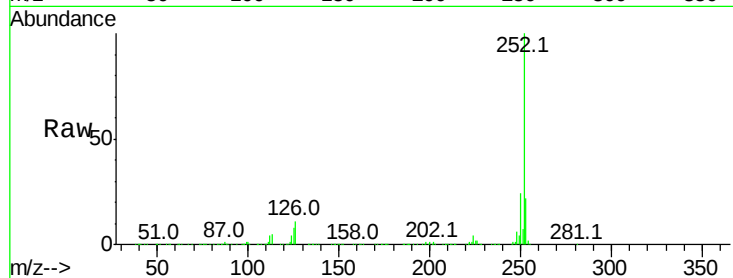
252 100

253 21.9 18.2 27.4

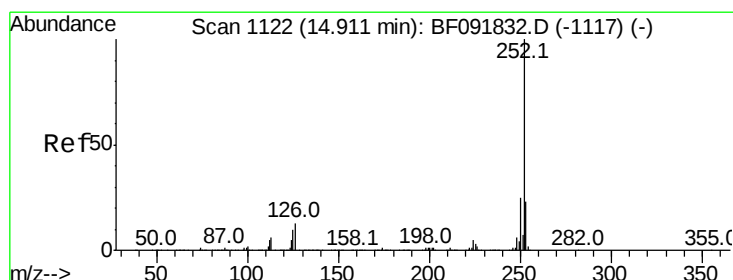
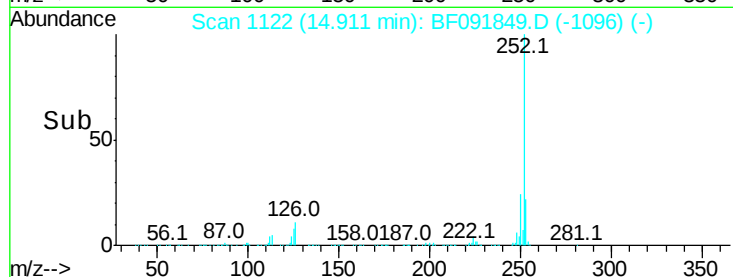
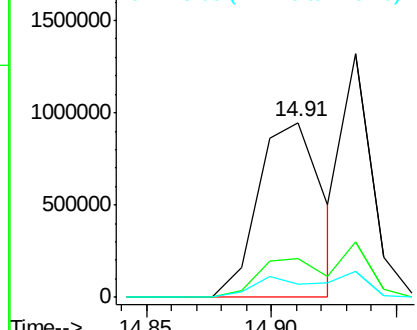
125 7.8 9.8 14.6#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 32.89 ng m

RT: 14.93 min Scan# 1124

Delta R.T. -0.00 min

Lab File: BF091849.D

Acq: 21 Dec 2016 22:29

Tgt Ion:252 Resp: 1079385

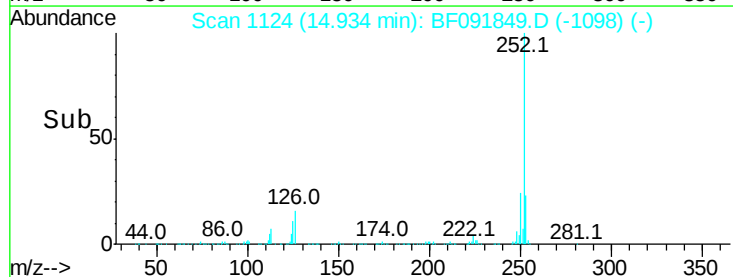
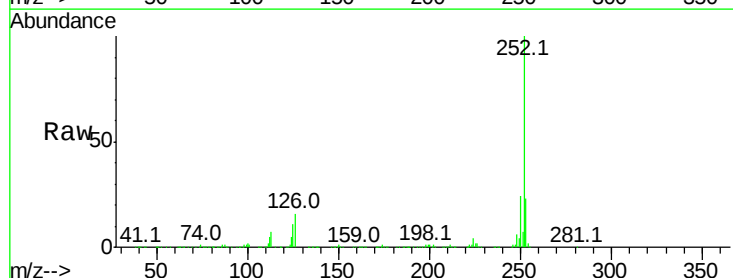
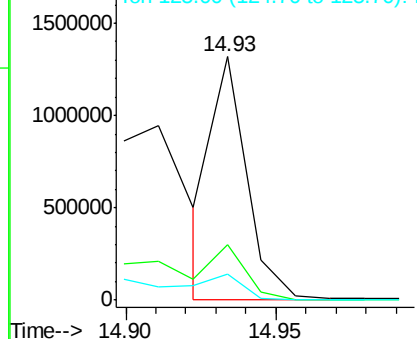
Ion Ratio Lower Upper

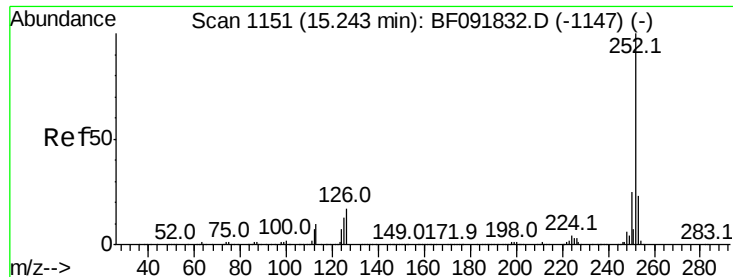
252 100

253 22.7 18.5 27.7

125 10.8 8.9 13.3

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





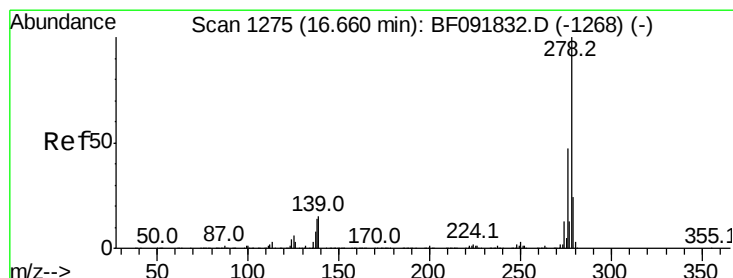
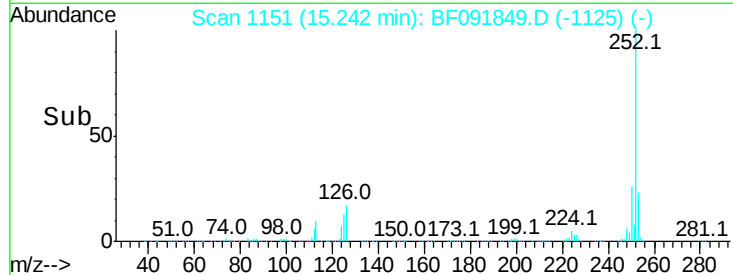
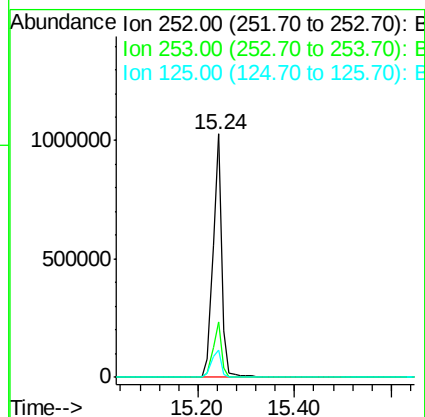
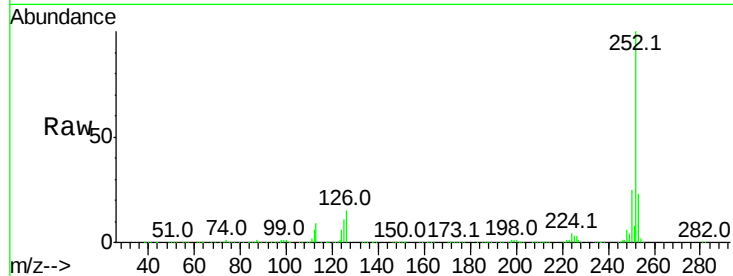
#89
Benzo(a)pyrene
Concen: 38.64 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF091849.D
Acq: 21 Dec 2016 22:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	11.0	10.0	15.0

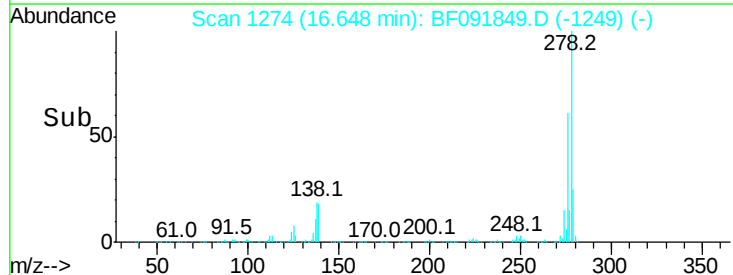
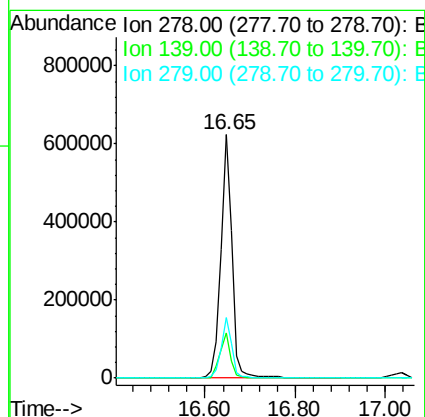
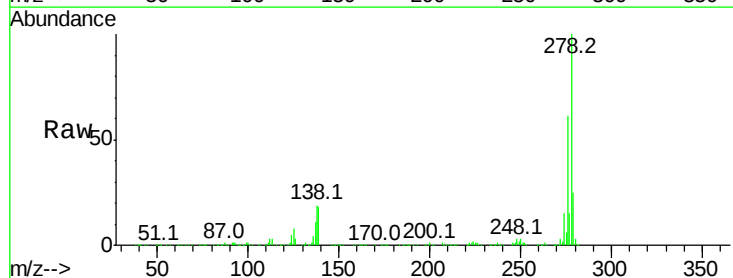
Manual Integrations
APPROVED

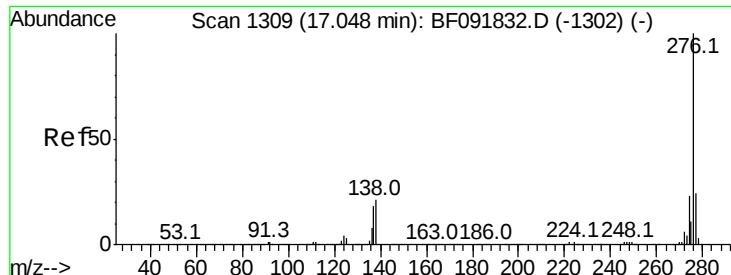
sohil
12/22/2016 7:08:58 PM



#90
Dibenzo(a,h)anthracene
Concen: 38.39 ng
RT: 16.65 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF091849.D
Acq: 21 Dec 2016 22:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.3	14.8	22.2
279	24.7	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 37.73 ng
 RT: 17.04 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF091849.D
 Acq: 21 Dec 2016 22:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	23.0	16.0	24.0

Manual Integrations
 APPROVED

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