

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
 Data File : BF091832.D
 Acq On : 21 Dec 2016 13:37
 Operator : UM/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
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Quant Time: Dec 21 14:23:42 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 14:14:16 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	294160	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	1198072	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	605417	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	994063	20.00	ng	0.00
75) Chrysene-d12	13.91	240	728345	20.00	ng	0.00
86) Perylene-d12	15.30	264	621371	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1363122	77.64	ng	0.00
7) Phenol-d6	6.41	99	1758596	82.13	ng	0.00
23) Nitrobenzene-d5	7.32	82	1658287	79.82	ng	0.00
41) 2,4,6-Tribromophenol	10.58	330	390447	76.06	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	2445111	81.14	ng	0.00
78) Terphenyl-d14	12.85	244	2188567	75.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.29	88	351904	40.70	ng	97
3) Pyridine	2.98	79	1250732	44.90	ng	99
4) n-Nitrosodimethylamine	2.94	42	478333	44.37	ng	99
6) Aniline	6.42	93	1119161	40.62	ng	93
8) 2-Chlorophenol	6.54	128	820032	42.43	ng	85
9) Benzaldehyde	6.29	77	498189	37.51	ng	98
10) Phenol	6.42	94	1067728	44.24	ng	97
11) bis(2-Chloroethyl)ether	6.50	93	843220	43.74	ng	92
12) 1,3-Dichlorobenzene	6.69	146	906181m	42.69	ng	
13) 1,4-Dichlorobenzene	6.77	146	888639	41.38	ng	92
14) 1,2-Dichlorobenzene	6.92	146	743773	39.54	ng	97
15) Benzyl Alcohol	6.90	79	678965	40.95	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.04	45	1171662	39.78	ng	87
17) 2-Methylphenol	7.02	107	646772	40.05	ng	96
18) Hexachloroethane	7.26	117	340875	42.72	ng	96
19) n-Nitroso-di-n-propylamine	7.18	70	606064	42.55	ng	# 93
20) 3+4-Methylphenols	7.18	107	814928	45.23	ng	# 74
22) Acetophenone	7.17	105	1198693	41.44	ng	98
24) Nitrobenzene	7.34	77	1017020	45.59	ng	93
25) Isophorone	7.58	82	1589176	40.09	ng	97
26) 2-Nitrophenol	7.65	139	443506	41.21	ng	96
27) 2,4-Dimethylphenol	7.71	122	817205	46.54	ng	95
28) bis(2-Chloroethoxy)methane	7.80	93	992180	42.78	ng	98
29) 2,4-Dichlorophenol	7.90	162	655332	40.47	ng	91
30) 1,2,4-Trichlorobenzene	7.98	180	733275	41.79	ng	97
31) Naphthalene	8.06	128	2412692	42.15	ng	99
32) Benzoic acid	7.86	122	591650	47.29	ng	98
33) 4-Chloroaniline	8.11	127	1013525	42.04	ng	97
34) Hexachlorobutadiene	8.18	225	377975	38.31	ng	99
35) Caprolactam	8.50	113	214893	41.24	ng	# 65
36) 4-Chloro-3-methylphenol	8.61	107	789247	44.18	ng	93
37) 2-Methylnaphthalene	8.75	142	1376780	38.15	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	680448	45.09	ng	99
40) Hexachlorocyclopentadiene	8.91	237	278429	43.53	ng	98

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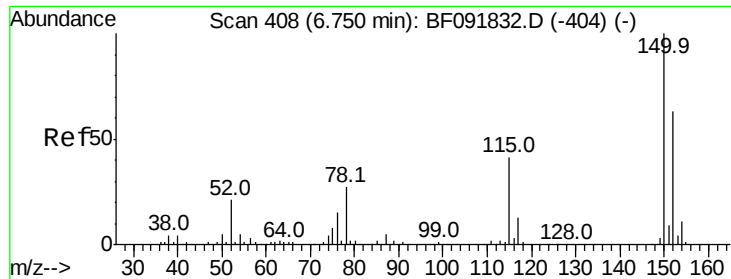
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Quant Time: Dec 21 14:23:42 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 14:14:16 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	472951	43.86	nq	97
43) 2,4,5-Trichlorophenol	9.08	196	459180	43.35	nq	# 88
45) 1,1'-Biphenyl	9.22	154	1880704	43.34	nq	99
46) 2-Chloronaphthalene	9.24	162	1387016	42.77	nq	97
47) 2-Nitroaniline	9.34	65	530867	47.95	nq	# 75
48) Acenaphthylene	9.65	152	2043121	40.66	nq	100
49) Dimethylphthalate	9.53	163	1631372	41.25	nq	99
50) 2,6-Dinitrotoluene	9.58	165	343993	39.67	nq	# 74
51) Acenaphthene	9.82	154	1364670	39.57	nq	99
52) 3-Nitroaniline	9.76	138	480725	44.53	nq	93
53) 2,4-Dinitrophenol	9.86	184	217118	46.35	nq	# 70
54) Dibenzofuran	10.00	168	1716804	41.87	nq	98
55) 4-Nitrophenol	9.93	139	313551	41.82	nq	96
56) 2,4-Dinitrotoluene	9.98	165	417917	38.58	nq	# 85
57) Fluorene	10.34	166	1409065	44.24	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.12	232	378411	43.21	nq	98
59) Diethylphthalate	10.22	149	1647178	42.37	nq	95
60) 4-Chlorophenyl-phenylether	10.33	204	590445	40.70	nq	98
61) 4-Nitroaniline	10.37	138	489994	47.91	nq	89
62) Azobenzene	10.49	77	1647080	39.82	nq	99
64) 4,6-Dinitro-2-methylphenol	10.40	198	258819	39.48	nq	# 51
65) n-Nitrosodiphenylamine	10.45	169	1175152	38.07	nq	99
66) 4-Bromophenyl-phenylether	10.82	248	410719	39.40	nq	100
67) Hexachlorobenzene	10.89	284	452843	41.46	nq	97
68) Atrazine	10.99	200	380617	40.80	nq	92
69) Pentachlorophenol	11.08	266	243886	41.38	nq	98
70) Phenanthrene	11.30	178	2244716	45.19	nq	99
71) Anthracene	11.34	178	1943571	36.94	nq	100
72) Carbazole	11.51	167	1828544	39.75	nq	100
73) Di-n-butylphthalate	11.84	149	2170927	36.81	nq	100
74) Fluoranthene	12.48	202	1931624	37.23	nq	100
76) Benzidine	12.60	184	801944	38.25	nq	100
77) Pyrene	12.71	202	1988912	37.81	nq	100
79) Butylbenzylphthalate	13.33	149	1042702	42.35	nq	89
80) Benzo(a)anthracene	13.89	228	1627395	39.06	nq	100
81) 3,3'-Dichlorobenzidine	13.86	252	585927	35.15	nq	98
82) Chrysene	13.93	228	1493754	34.59	nq	100
83) Bis(2-ethylhexyl)phthalate	13.89	149	1136029	36.38	nq	# 99
84) Di-n-octyl phthalate	14.50	149	2097936	36.46	nq	98
85) Indeno(1,2,3-cd)pyrene	16.64	276	1391038	32.76	nq	100
87) Benzo(b)fluoranthene	14.91	252	1649437m	41.86	nq	
88) Benzo(k)fluoranthene	14.93	252	1278485m	46.24	nq	
89) Benzo(a)pyrene	15.24	252	1399232	41.38	nq	99
90) Dibenzo(a,h)anthracene	16.66	278	1152784	39.11	nq	# 96
91) Benzo(g,h,i)perylene	17.05	276	1196873	39.95	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

Instrument :

BNA_F

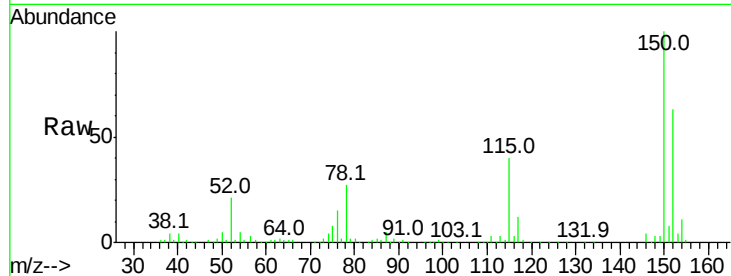
ClientSampleId :

SSTDICCC040

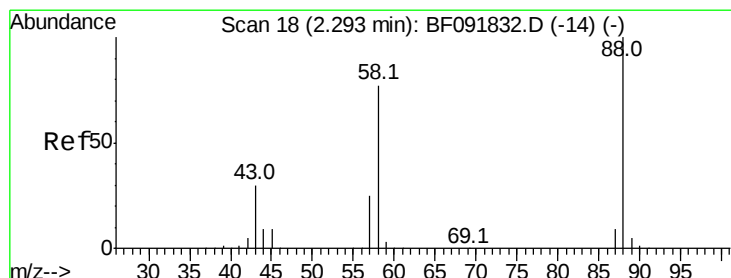
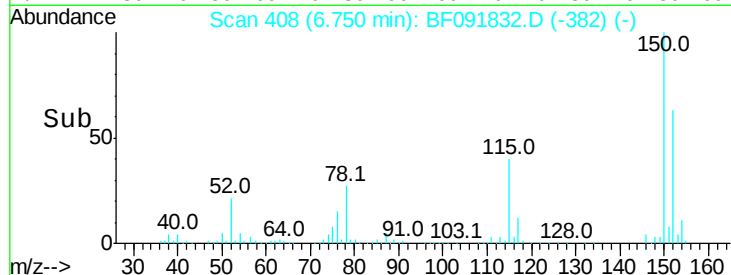
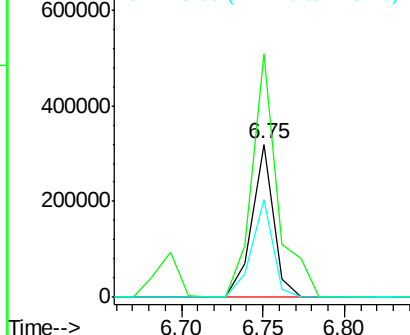
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.9	187.3
115	64.2	46.0	69.0

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.70 ng

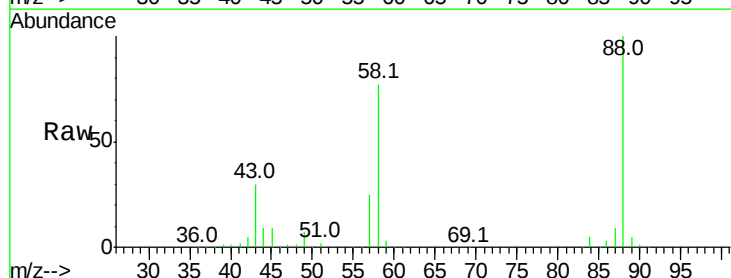
RT: 2.29 min Scan# 18

Delta R.T. 0.00 min

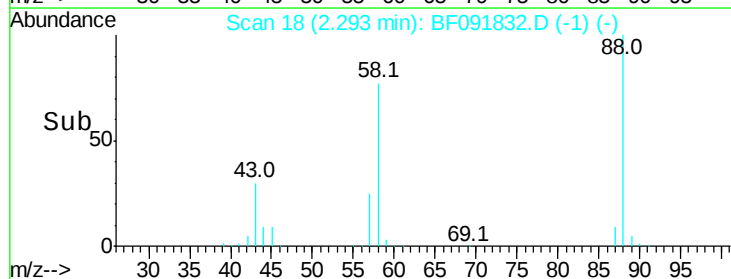
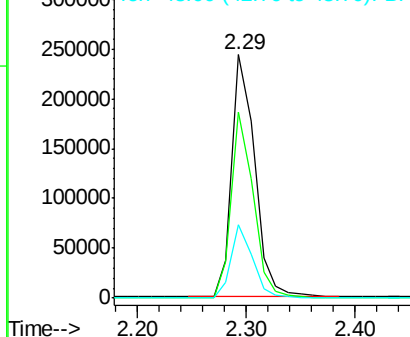
Lab File: BF091832.D

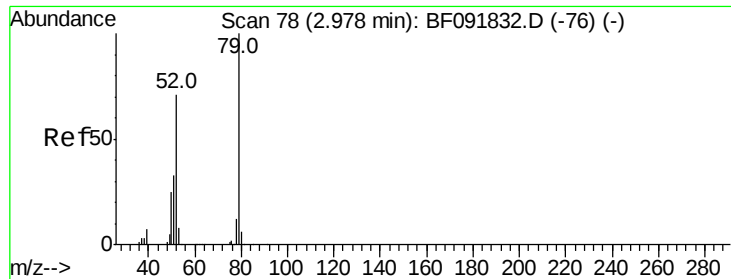
Acq: 21 Dec 2016 13:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.9	57.8	86.8
43	29.1	22.3	33.5



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 44.90 ng

RT: 2.98 min Scan# 78

Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion: 79 Resp: 1250732

Ion Ratio Lower Upper

79 100

52 70.8 57.1 85.7

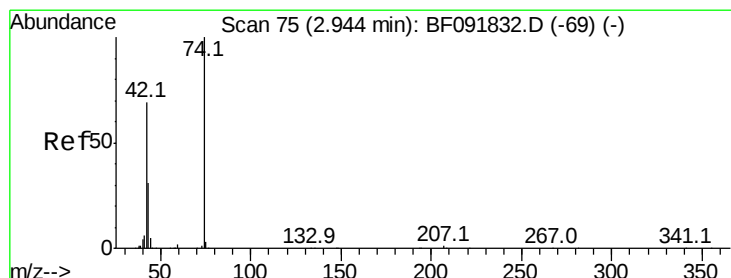
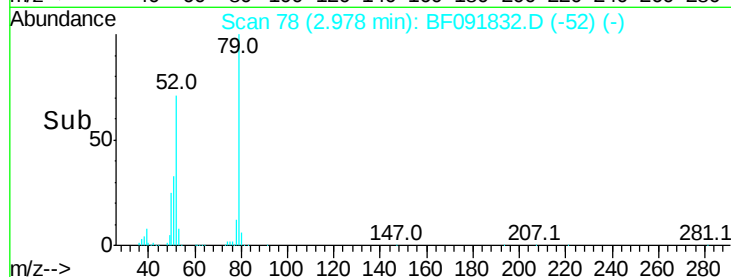
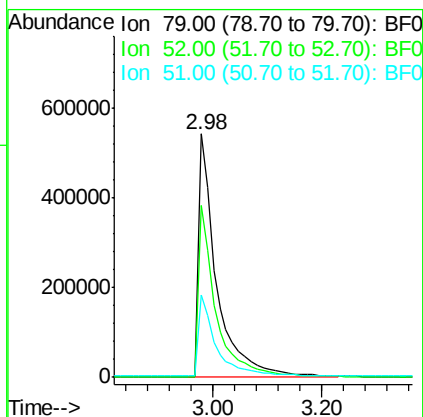
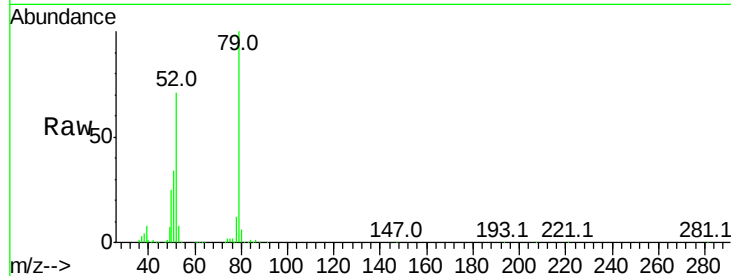
51 34.1 27.3 40.9

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#4

n-Nitrosodimethylamine

Concen: 44.37 ng

RT: 2.94 min Scan# 75

Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

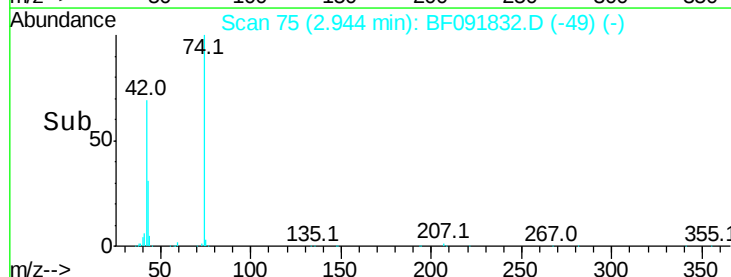
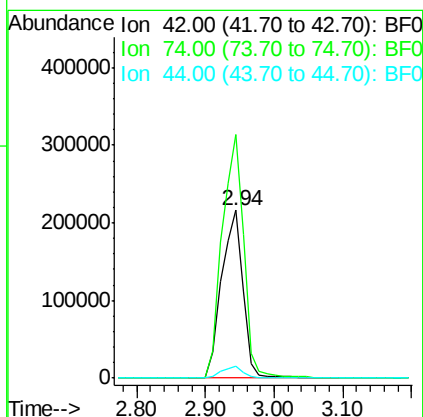
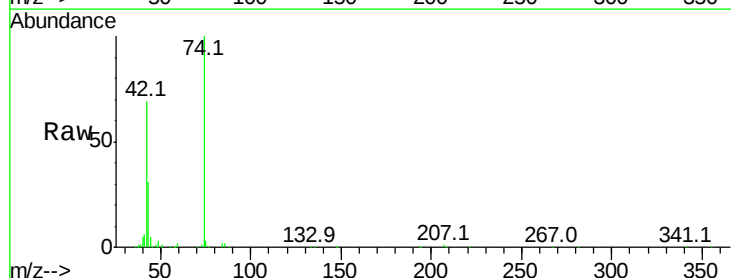
Tgt Ion: 42 Resp: 478333

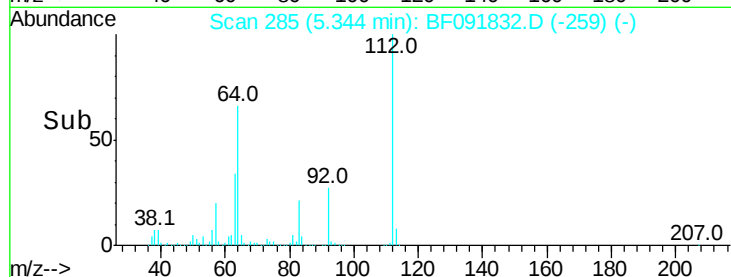
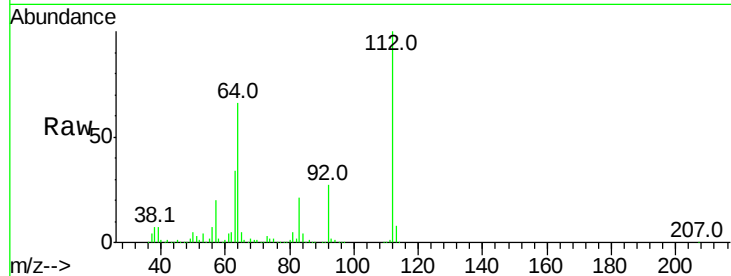
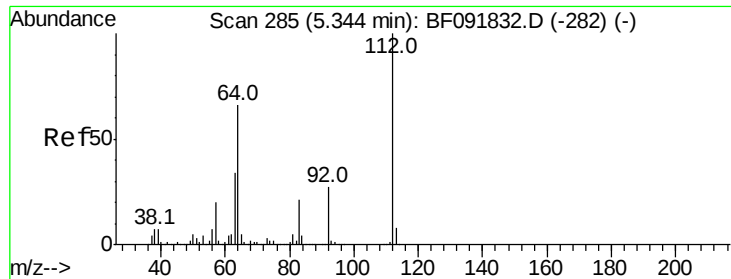
Ion Ratio Lower Upper

42 100

74 145.2 117.0 175.4

44 7.0 5.5 8.3





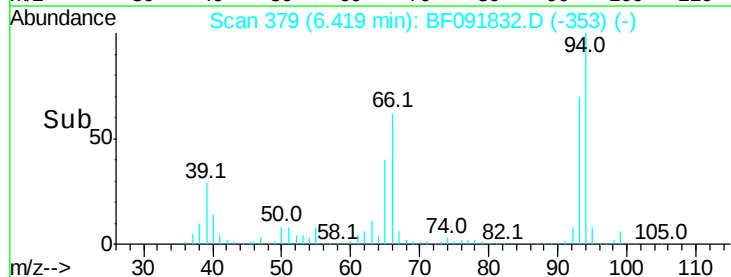
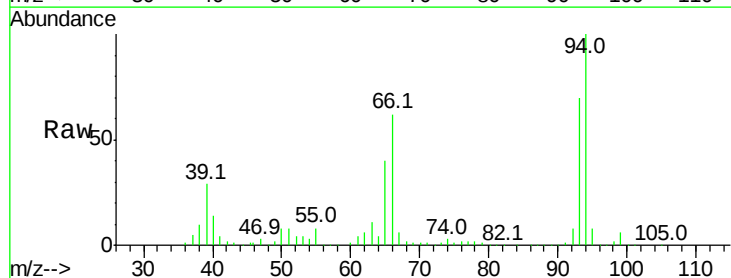
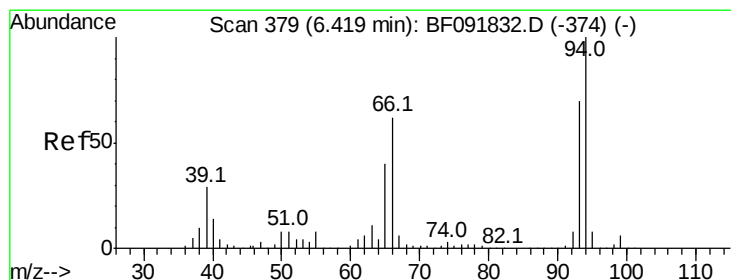
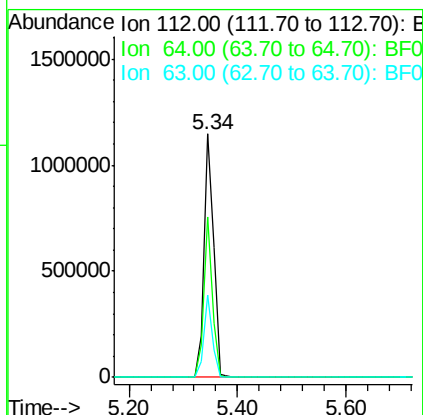
#5
2-Fluorophenol
Concen: 77.64 ng
RT: 5.34 min Scan# 285
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

Tot Ion	Ratio	Lower	Upper
112	100		
64	65.8	46.1	69.1
63	34.0	23.8	35.6

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

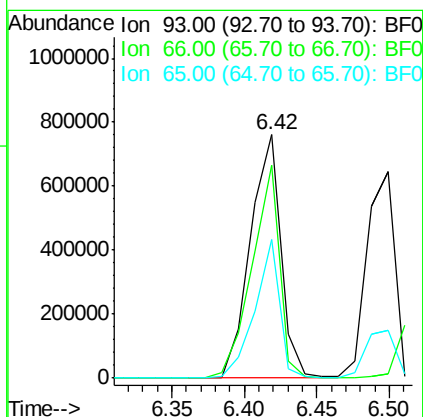
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#6
Aniline
Concen: 40.62 ng
RT: 6.42 min Scan# 379
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

Tgt Ion	Ratio	Lower	Upper
93	100		
66	87.4	76.2	114.2
65	57.0	49.3	73.9





#7

Phenol-d6

Concen: 82.13 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion: 99 Resp: 1758596

Ion Ratio Lower Upper

99 100

42 19.0 15.6 23.4

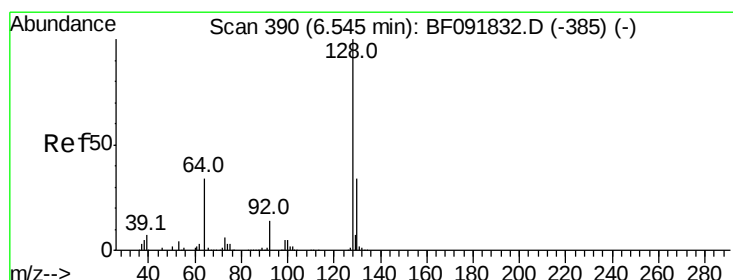
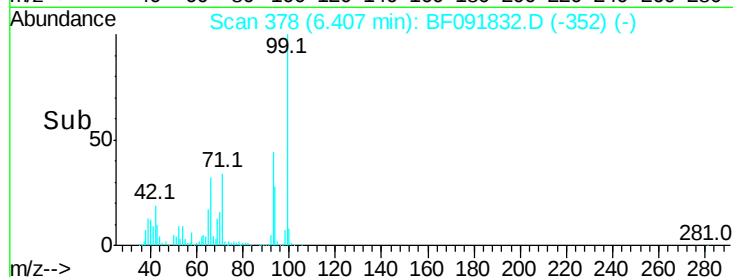
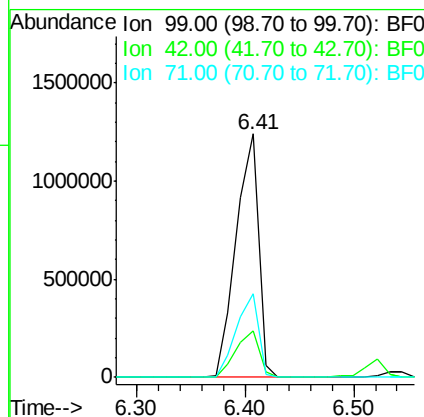
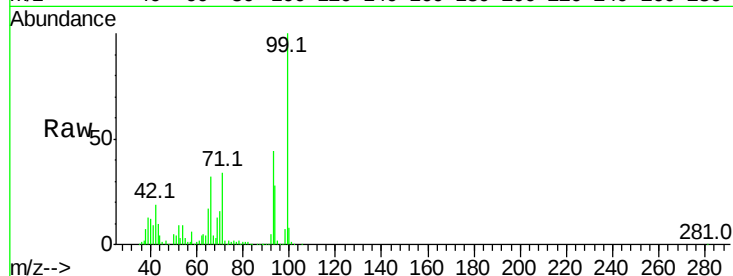
71 34.1 27.5 41.3

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#8

2-Chlorophenol

Concen: 42.43 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

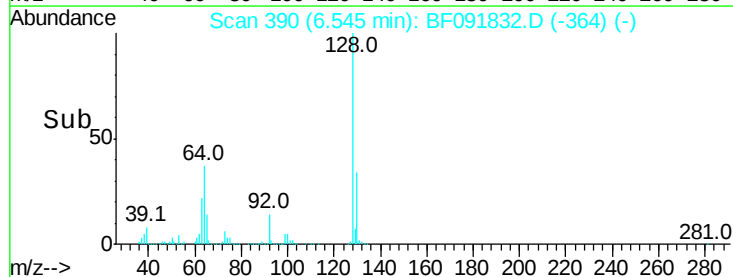
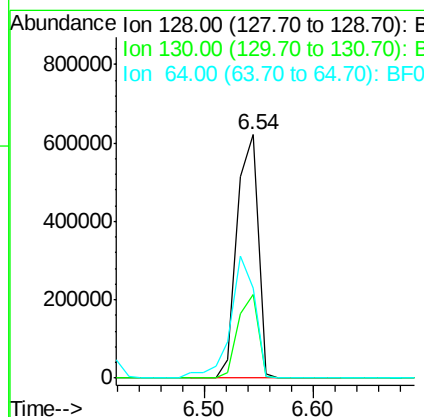
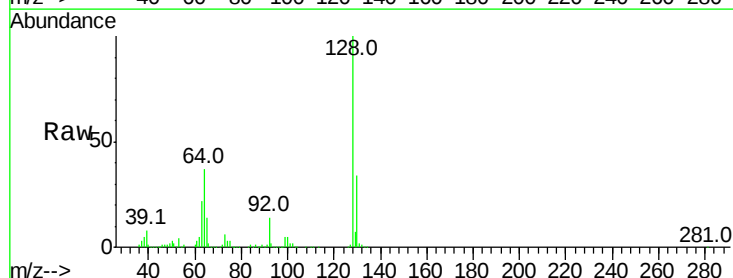
Tgt Ion: 128 Resp: 820032

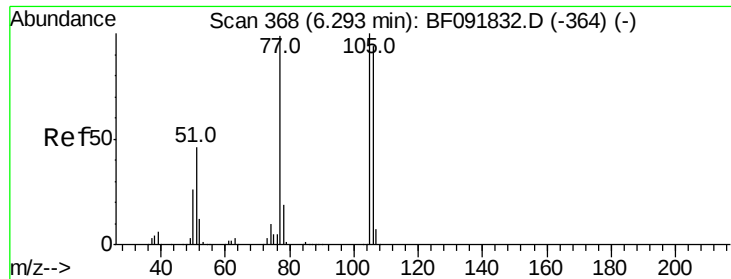
Ion Ratio Lower Upper

128 100

130 34.3 12.3 52.3

64 36.8 32.2 72.2





#9

Benzaldehyde

Concen: 37.51 ng

RT: 6.29 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

Instrument :

BNA_F

ClientSampleId :

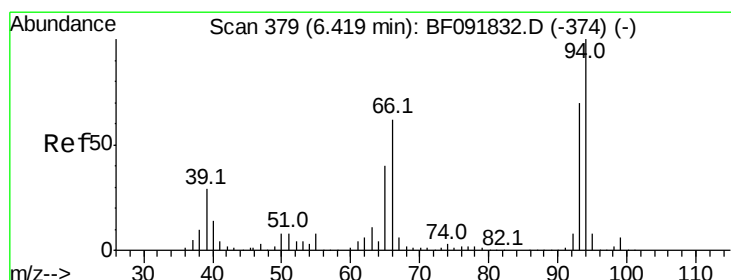
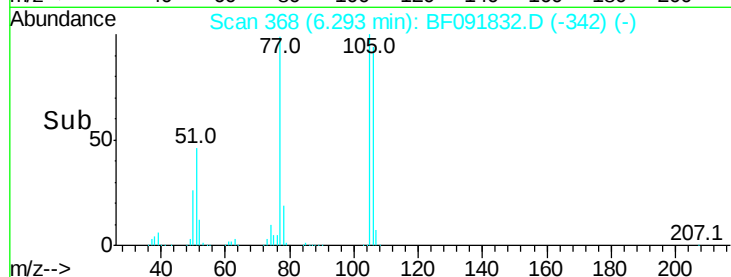
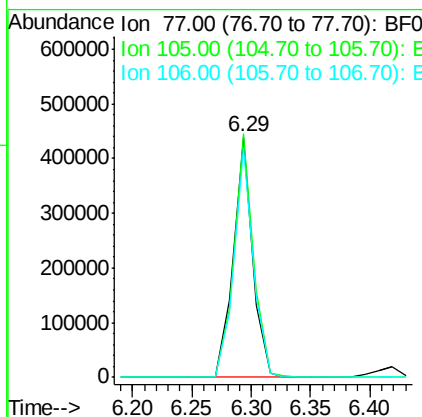
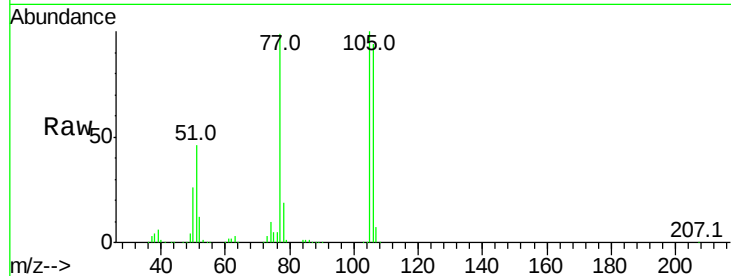
SSTDICCC040

Tot Ion: 77 Resp: 498189

Ion	Ratio	Lower	Upper
77	100		
105	101.4	83.9	123.9
106	95.8	77.6	117.6

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#10

Phenol

Concen: 44.24 ng

RT: 6.42 min Scan# 379

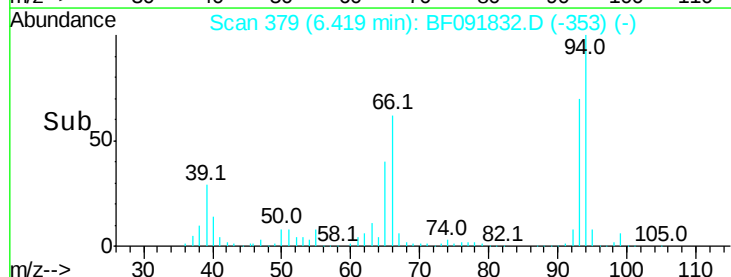
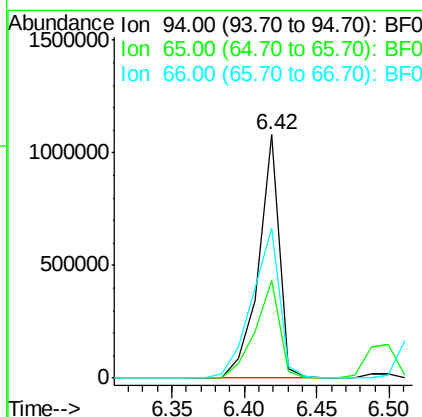
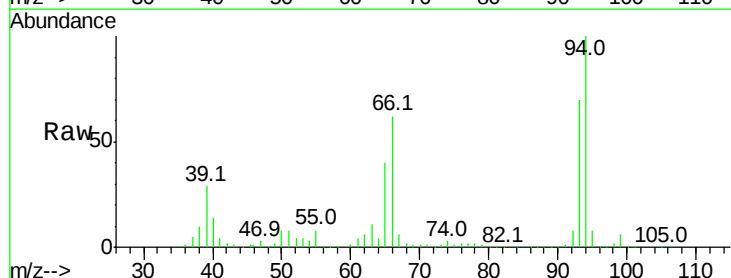
Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

Tgt Ion: 94 Resp: 1067728

Ion	Ratio	Lower	Upper
94	100		
65	40.1	21.4	61.4
66	61.6	44.0	84.0





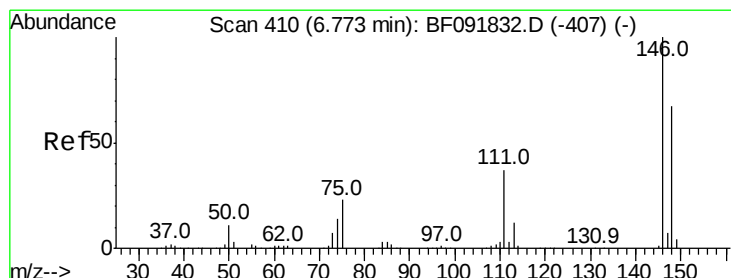
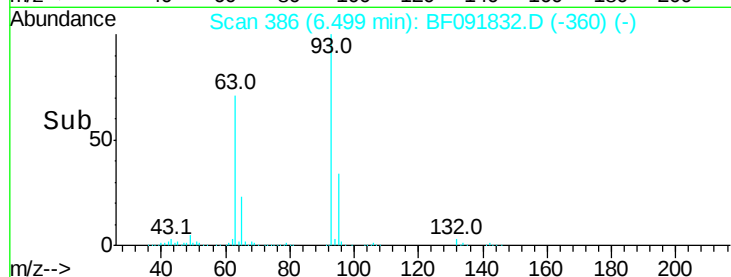
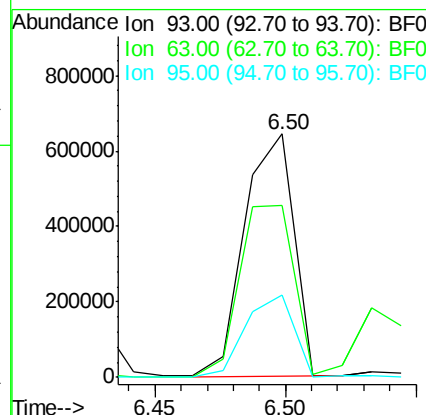
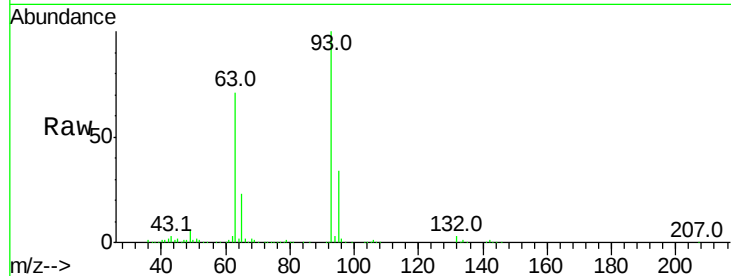
#11
bis(2-Chloroethyl)ether
Concen: 43.74 ng
RT: 6.50 min Scan# 386
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.7	60.4	100.4
95	33.7	12.8	52.8

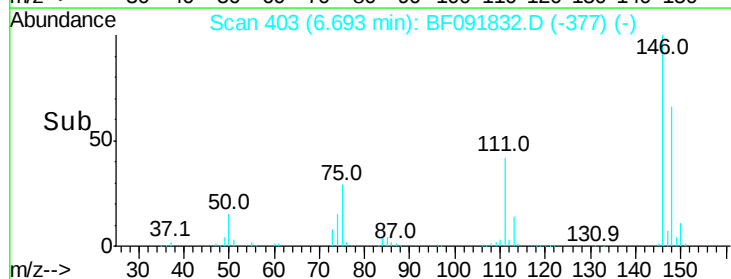
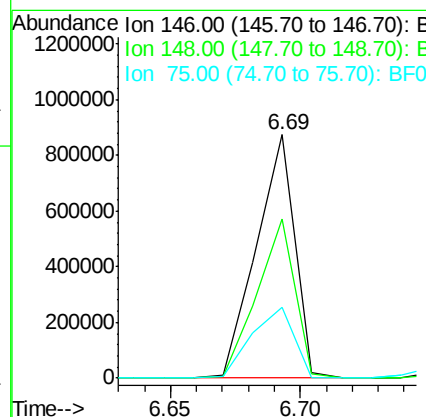
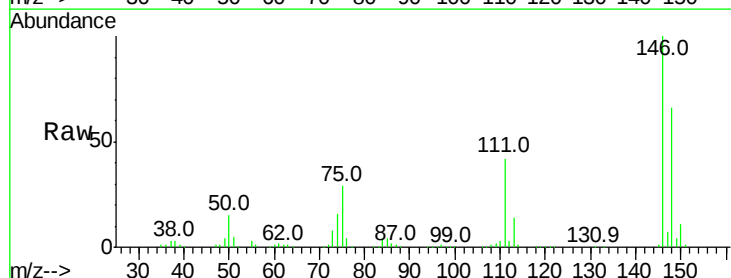
Manual Integrations
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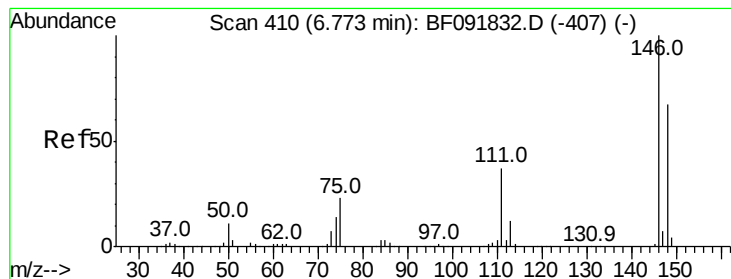
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#12
1,3-Dichlorobenzene
Concen: 42.69 ng m
RT: 6.69 min Scan# 403
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	53.4	80.0
75	29.0	18.5	27.7





#13

1,4-Dichlorobenzene

Concen: 41.38 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

Instrument :

BNA_F

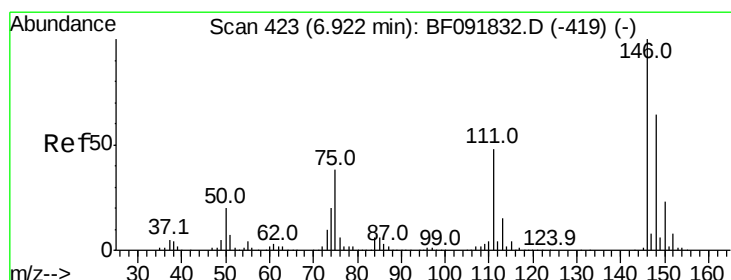
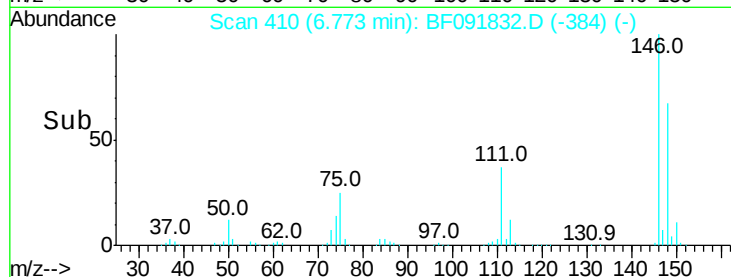
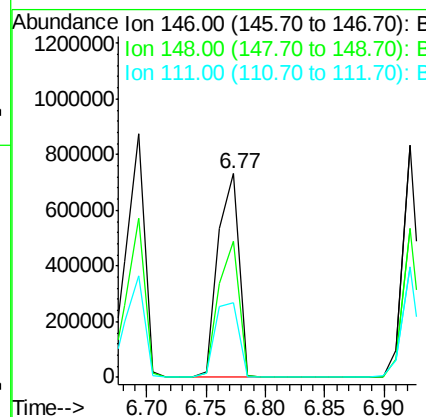
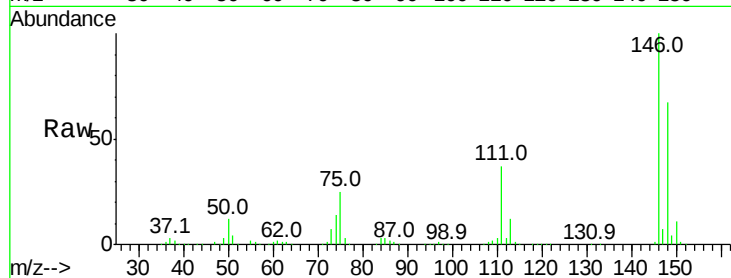
ClientSampleId :

SSTDICCC040

Tot Ion:	146	Resp:	888639
Ion Ratio	Lower	Upper	
146	100		
148	66.7	50.6	76.0
111	36.8	36.2	54.4

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#14

1,2-Dichlorobenzene

Concen: 39.54 ng

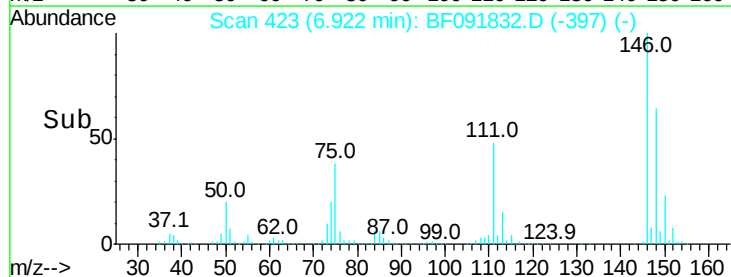
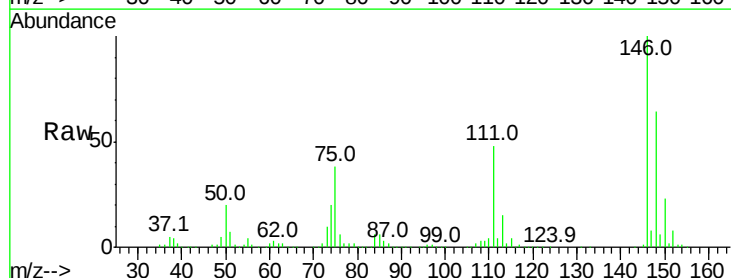
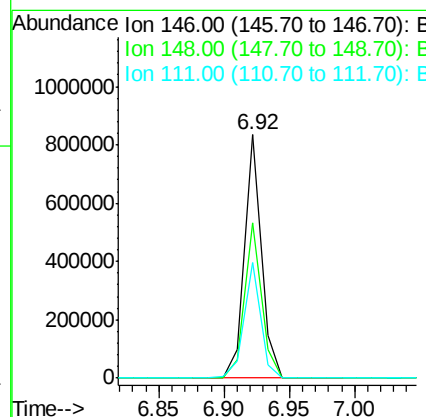
RT: 6.92 min Scan# 423

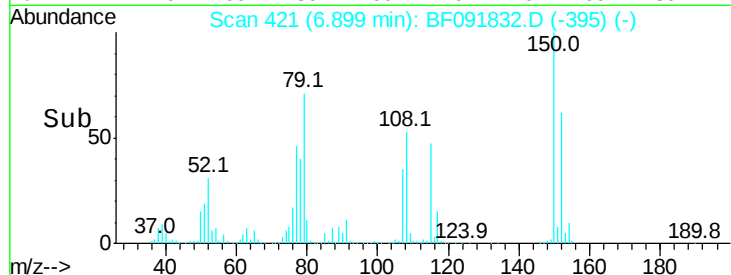
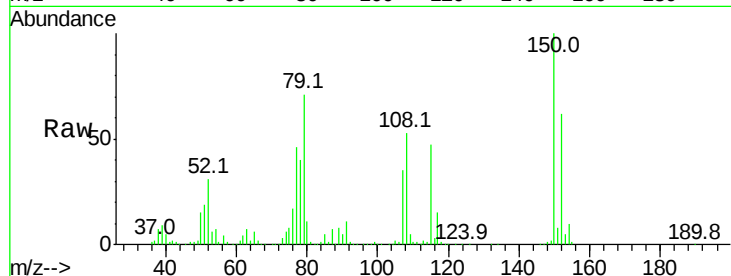
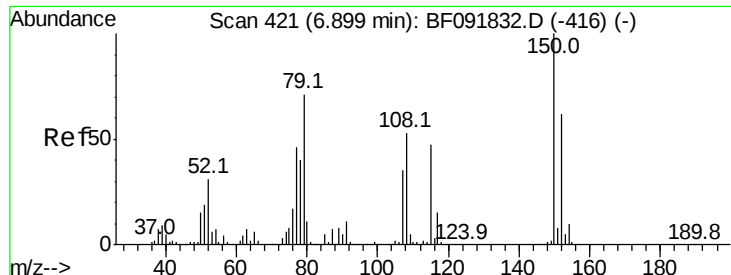
Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

Tgt Ion:	146	Resp:	743773
Ion Ratio	Lower	Upper	
146	100		
148	63.9	52.2	78.2
111	47.7	36.2	54.2





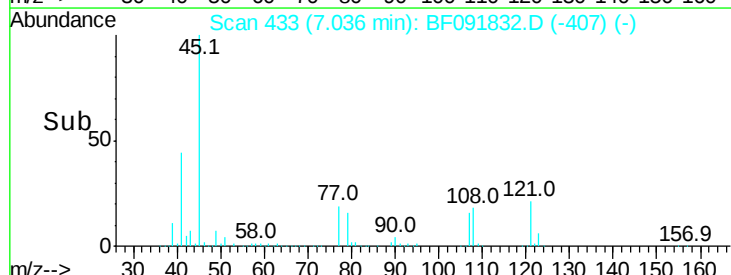
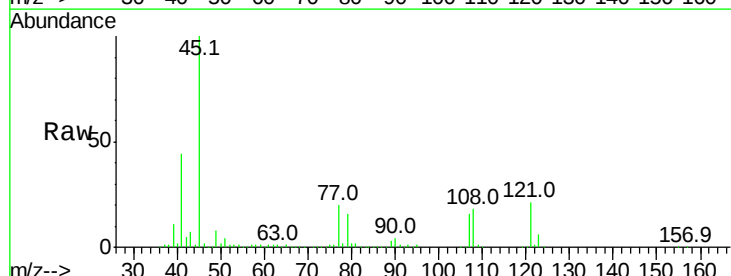
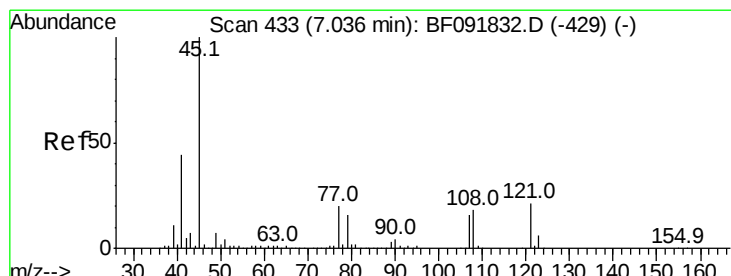
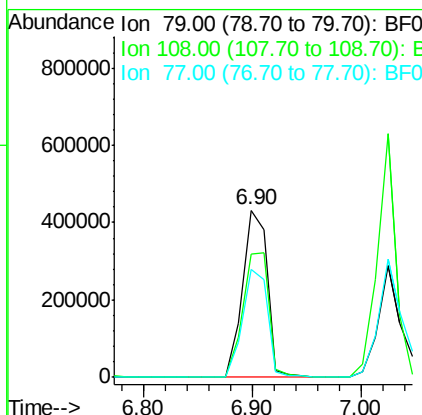
#15
Benzyl Alcohol
Concen: 40.95 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	74.0	61.4	92.0	
77	64.8	50.9	76.3	

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

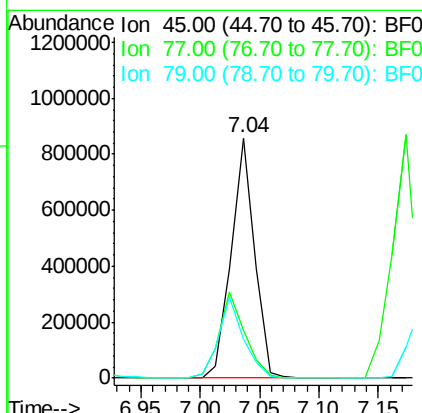
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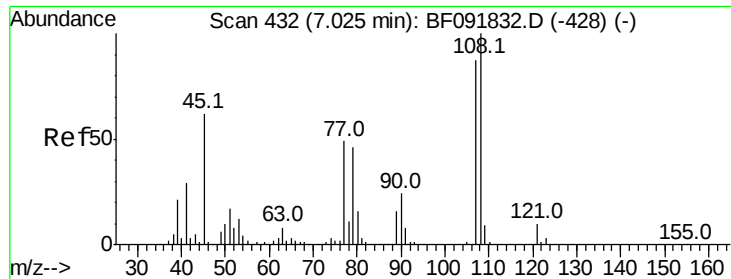
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.78 ng
RT: 7.04 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	19.8	0.0	34.6	
79	16.4	0.0	31.2	





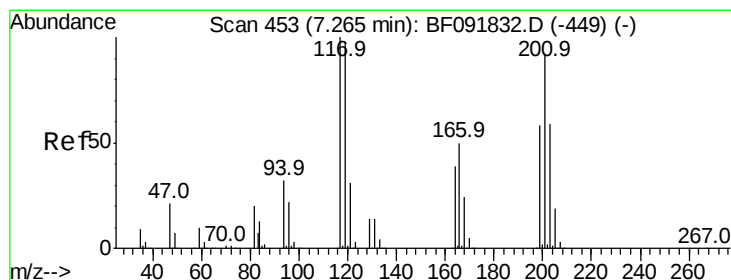
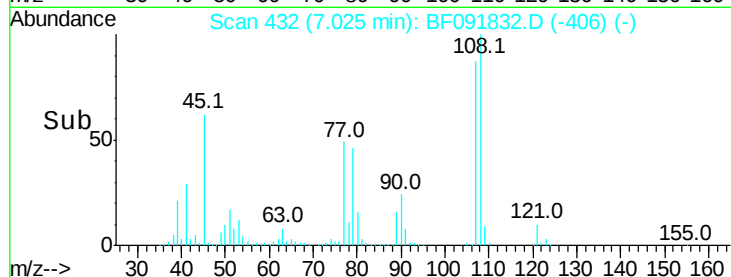
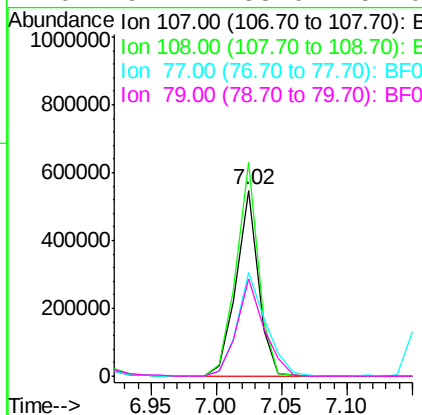
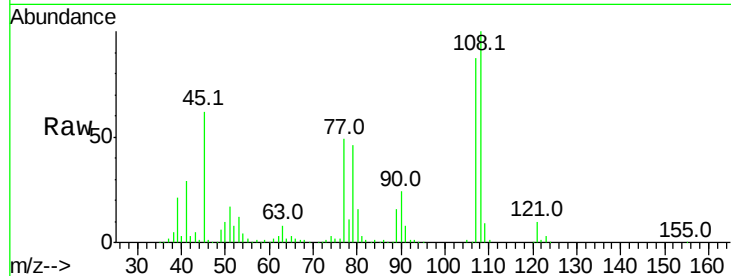
#17
2-Methylphenol
Concen: 40.05 ng
RT: 7.02 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.0	93.0	139.6	
77	56.0	39.8	59.8	
79	52.7	38.0	57.0	

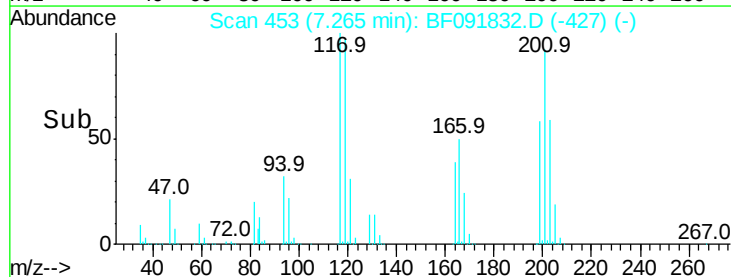
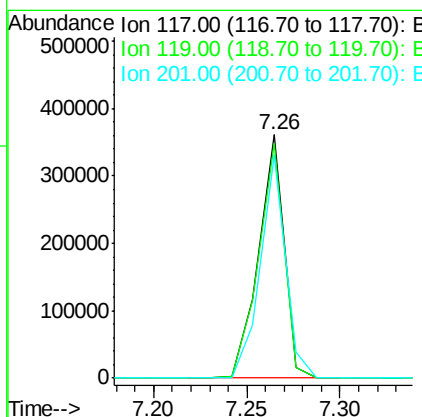
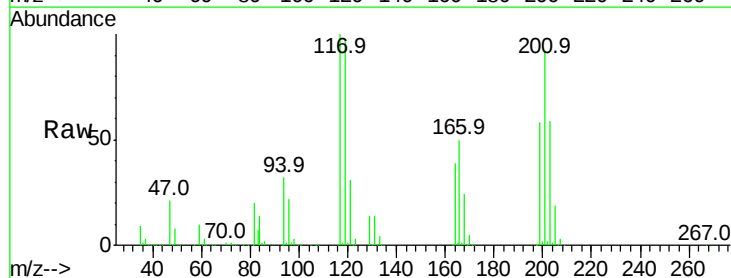
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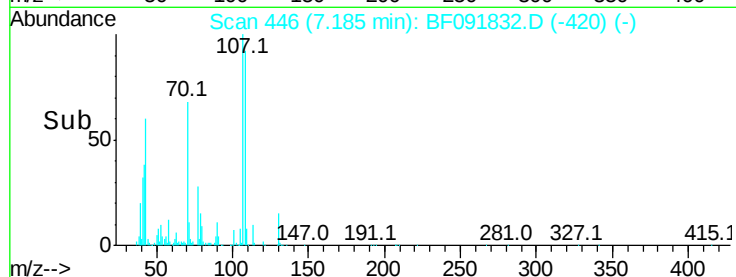
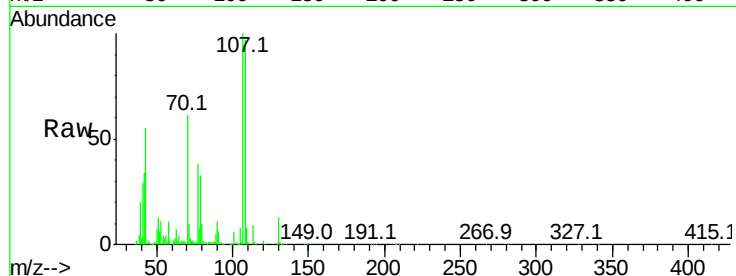
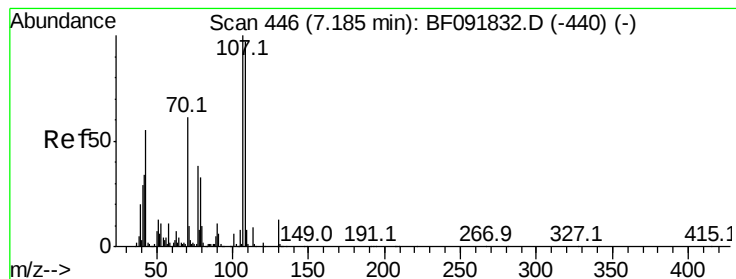
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#18
Hexachloroethane
Concen: 42.72 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.5	78.1	117.1	
201	91.9	78.6	117.8	





#19

n-Nitroso-di-n-propylamine

Concen: 42.55 ng

RT: 7.18 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion: 70 Resp: 606064

Ion Ratio Lower Upper

70 100

42 56.1 49.4 74.0

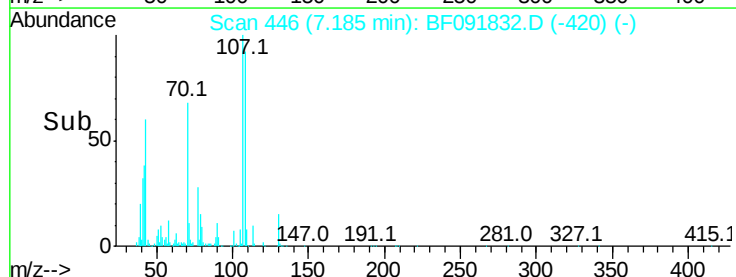
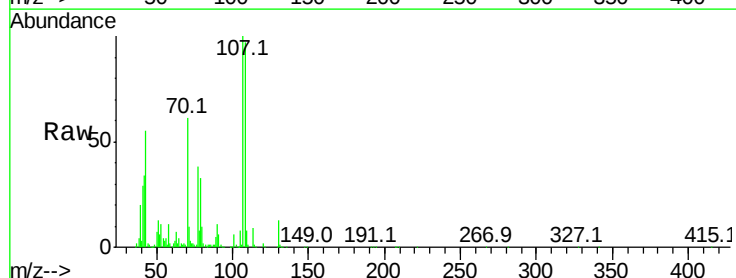
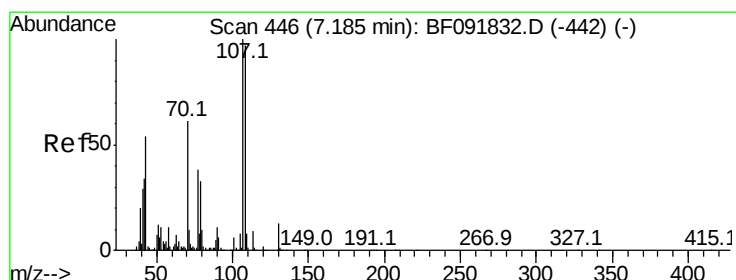
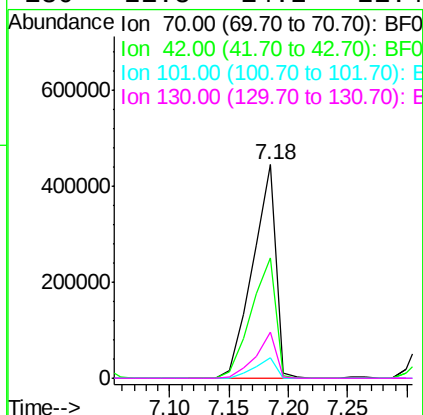
101 9.7 7.4 11.2

130 21.8 14.2 21.4#

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#20

3+4-Methylphenols

Concen: 45.23 ng

RT: 7.18 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

Tgt Ion: 107 Resp: 814928

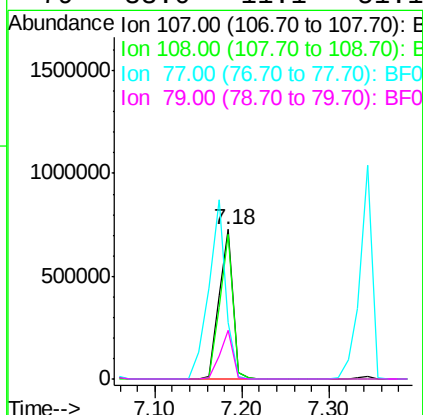
Ion Ratio Lower Upper

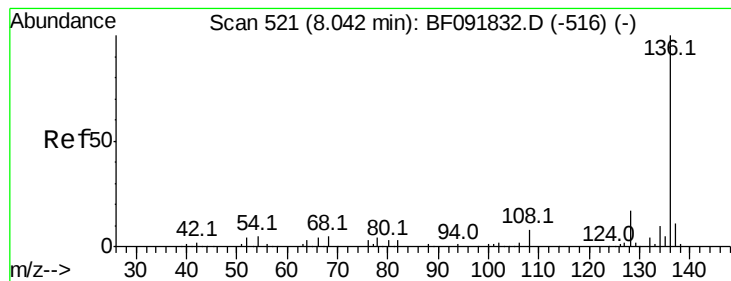
107 100

108 97.2 73.0 113.0

77 38.1 71.3 111.3#

79 33.0 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: BF091832.D

Acq: 21 Dec 2016 13:37

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:136 Resp: 1198072

Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 6.5 4.5 6.7

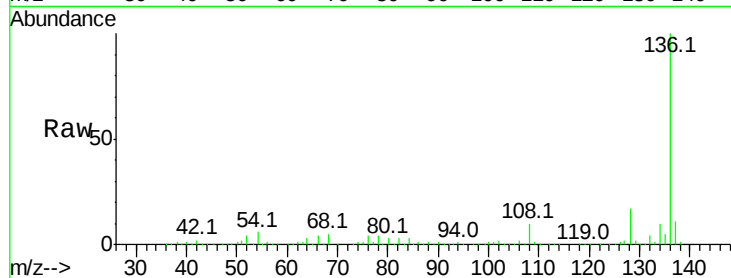
68 5.3 3.6 5.4

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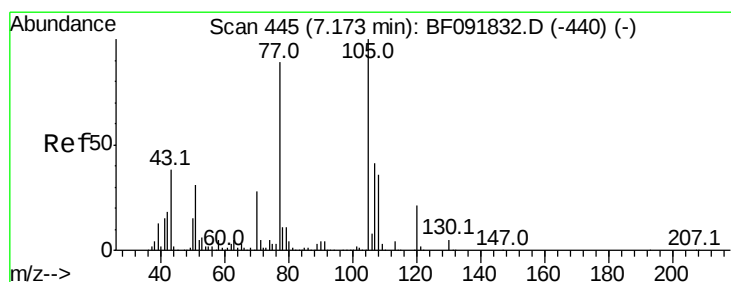
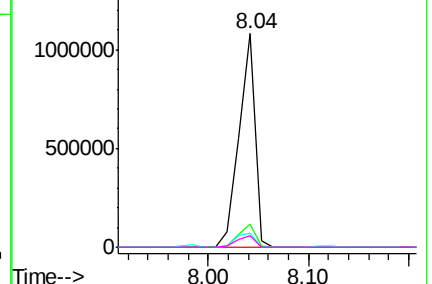
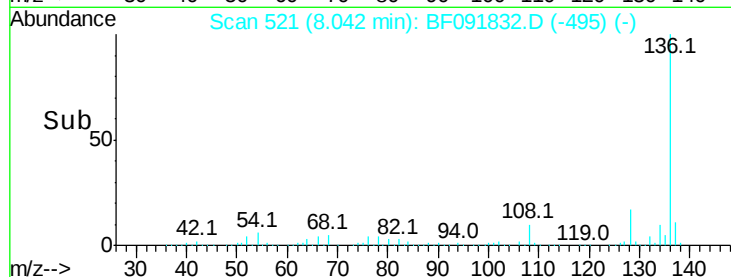


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.44 ng

RT: 7.17 min Scan# 445

Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

Tgt Ion:105 Resp: 1198693

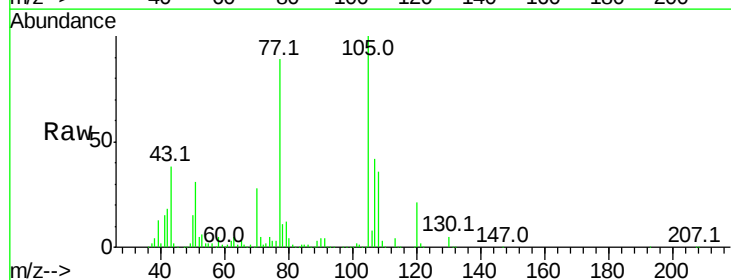
Ion Ratio Lower Upper

105 100

71 4.6 3.2 4.8

51 31.0 26.2 39.4

120 21.2 16.6 24.8

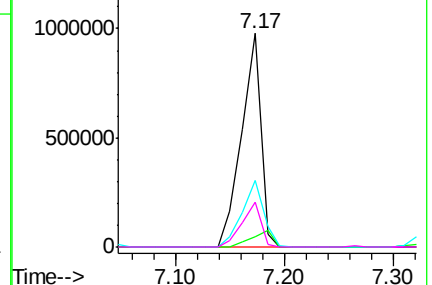
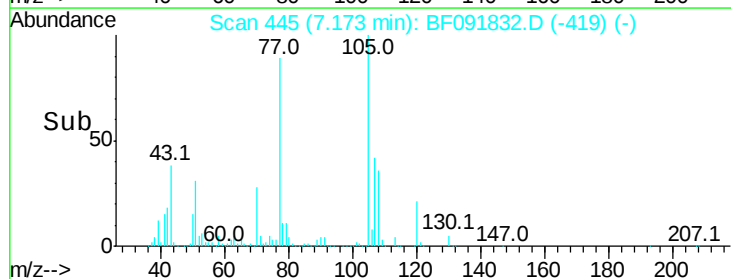


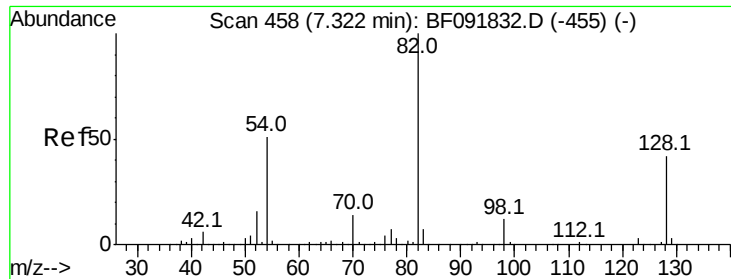
Abundance Ion 105.00 (104.70 to 105.70): E

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





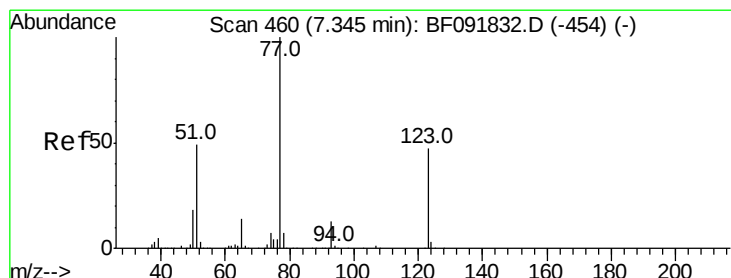
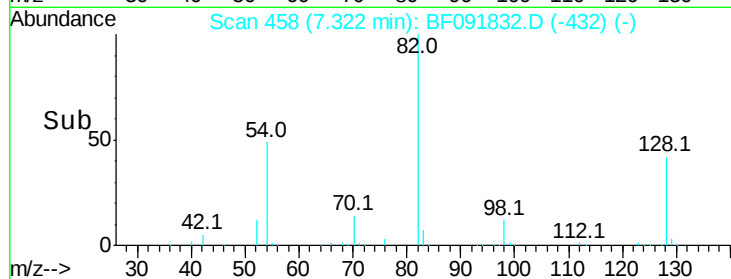
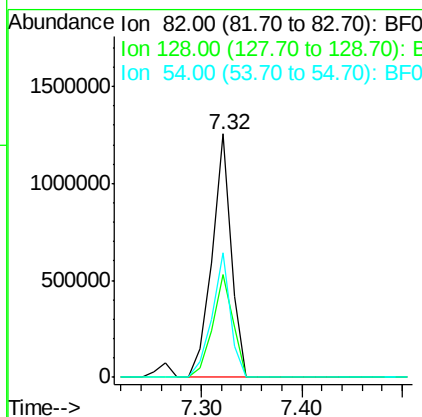
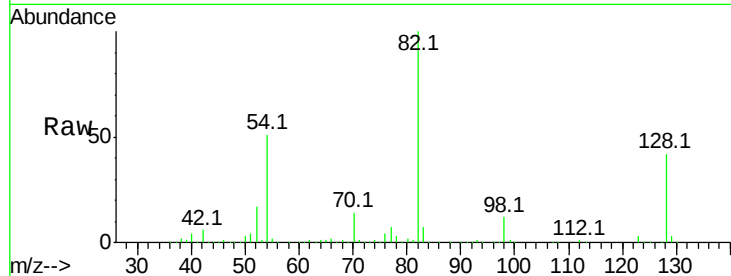
#23
Nitrobenzene-d5
Concen: 79.82 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.1	34.6	52.0
54	51.0	39.5	59.3

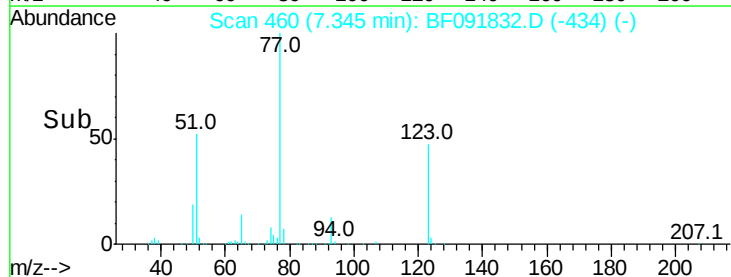
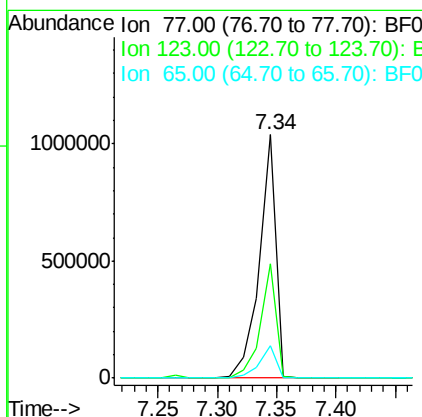
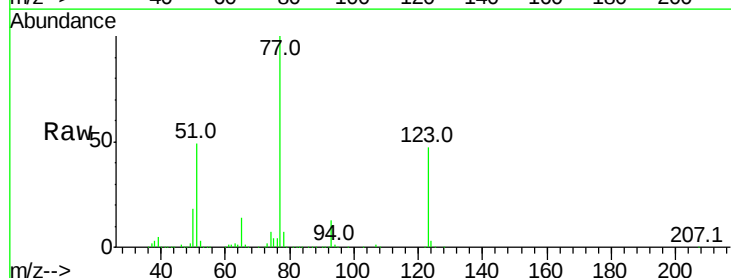
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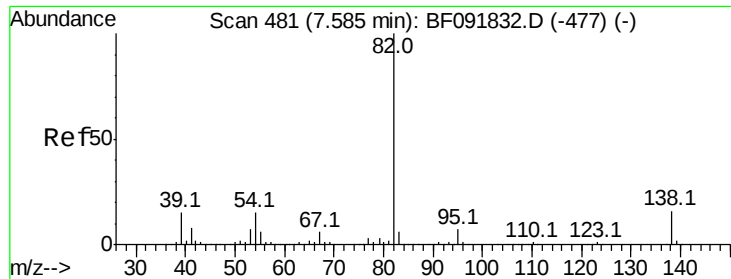
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#24
Nitrobenzene
Concen: 45.59 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.1	33.0	49.4
65	13.5	11.2	16.8





#25

Isophorone

Concen: 40.09 ng

RT: 7.58 min Scan# 481

Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion: 82 Resp: 1589176

Ion Ratio Lower Upper

82 100

95 6.8 5.6 8.4

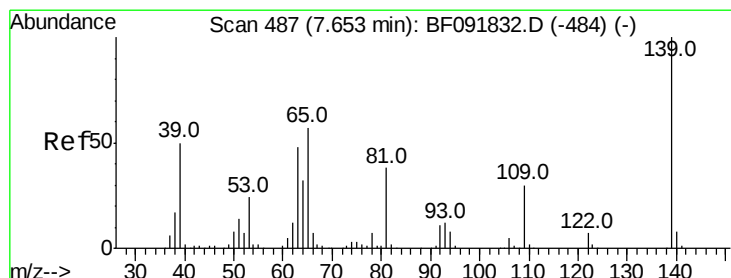
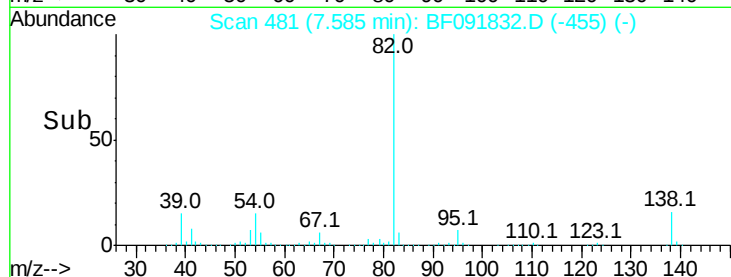
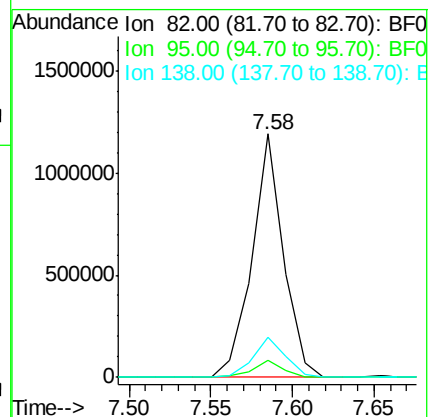
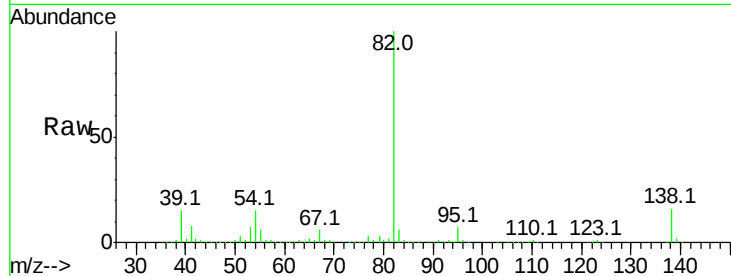
138 16.4 14.6 22.0

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#26

2-Nitrophenol

Concen: 41.21 ng

RT: 7.65 min Scan# 487

Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

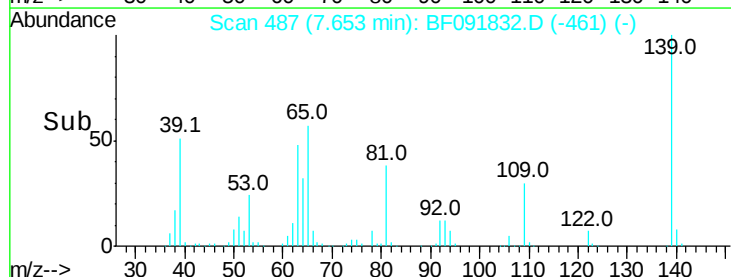
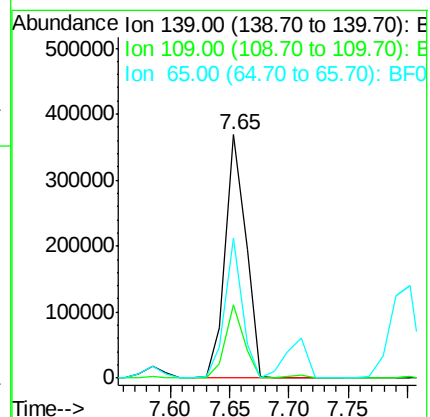
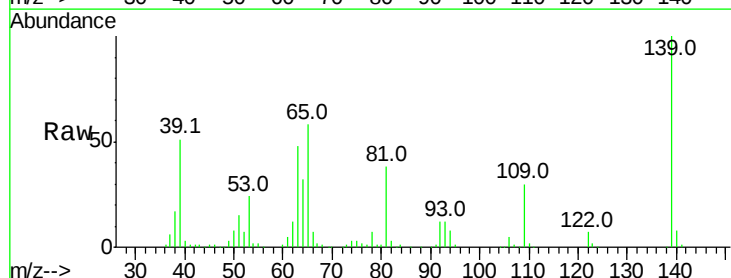
Tgt Ion: 139 Resp: 443506

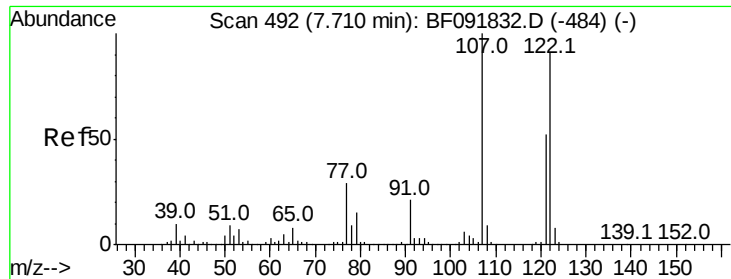
Ion Ratio Lower Upper

139 100

109 29.9 23.3 34.9

65 57.7 42.7 64.1





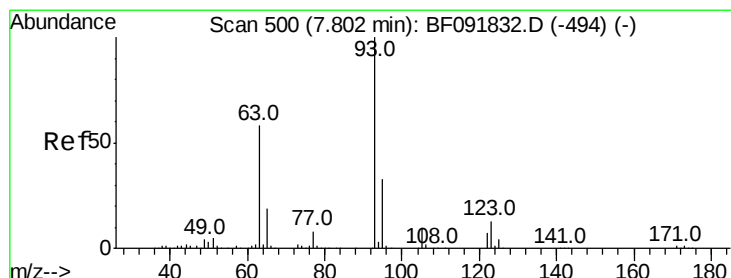
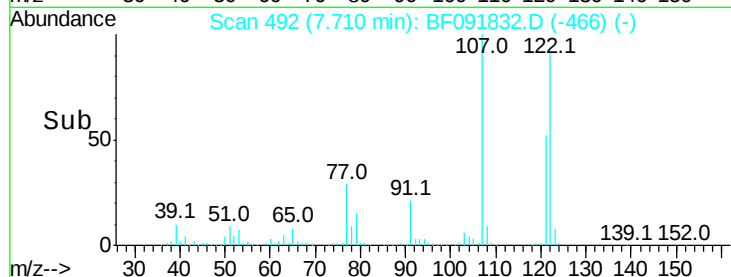
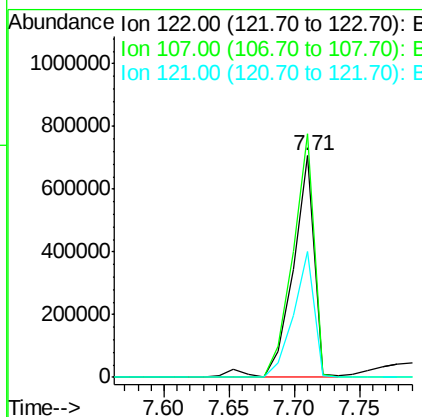
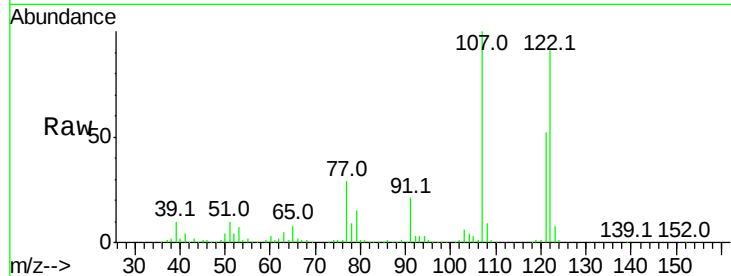
#27
2,4-Dimethylphenol
Concen: 46.54 ng
RT: 7.71 min Scan# 492
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.8	94.1	141.1
121	56.7	46.0	69.0

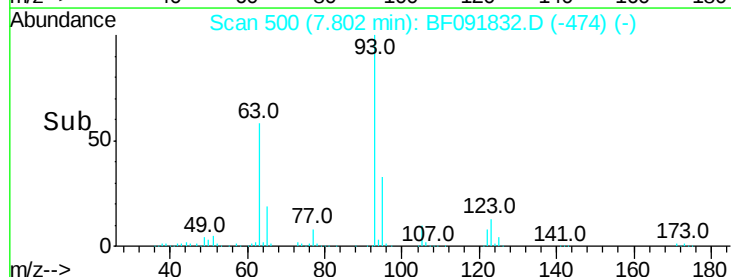
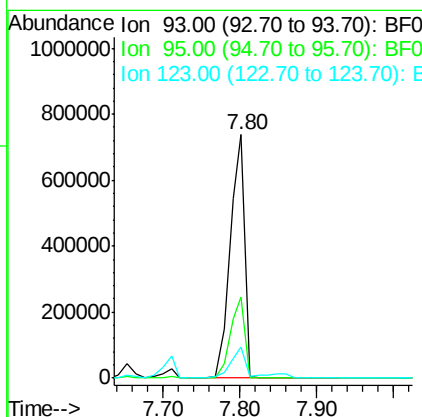
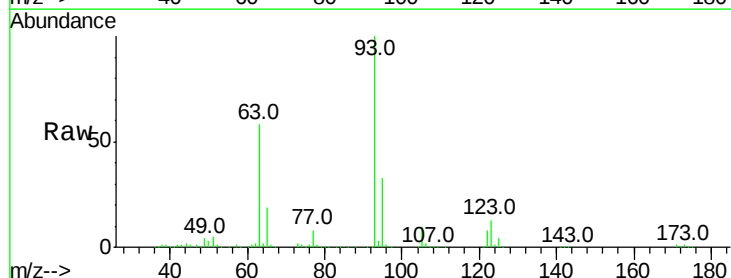
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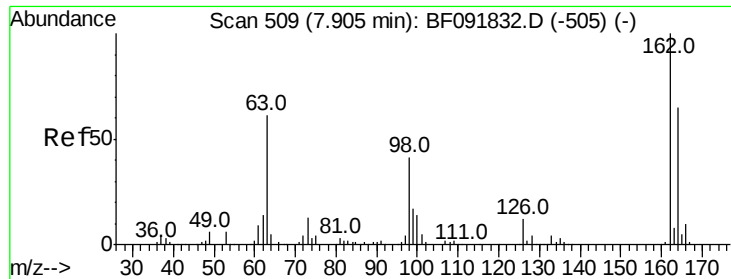
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#28
bis(2-Chloroethoxy)methane
Concen: 42.78 ng
RT: 7.80 min Scan# 500
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.5	39.7
123	12.7	8.6	13.0





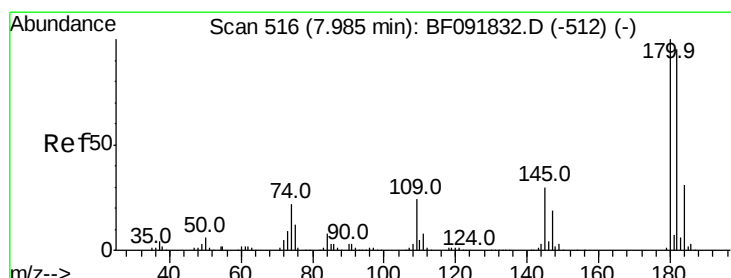
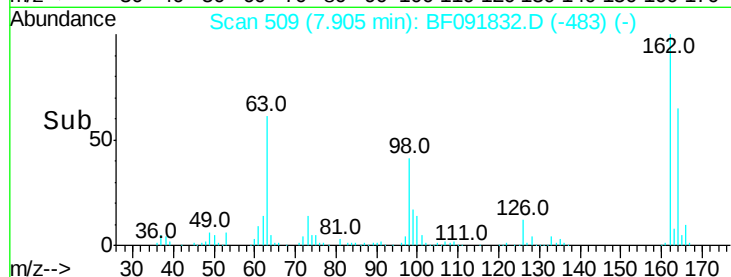
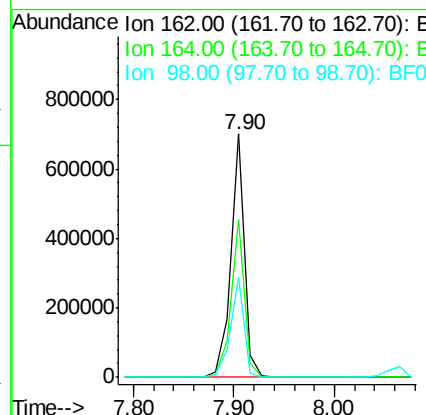
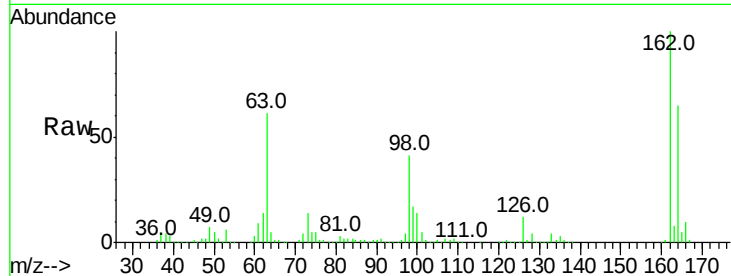
#29
 2,4-Dichlorophenol
 Concen: 40.47 ng
 RT: 7.90 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: BF091832.D
 Acq: 21 Dec 2016 13:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.9	46.8	86.8
98	41.3	9.1	49.1

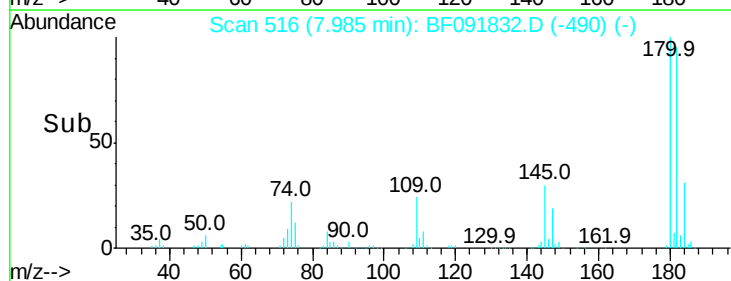
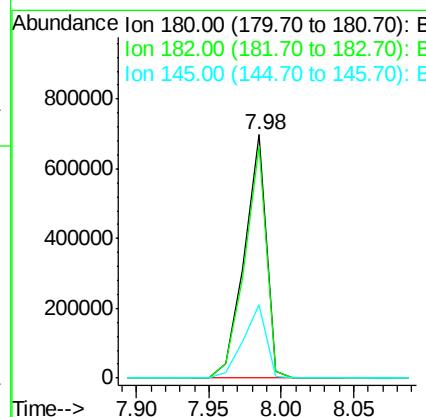
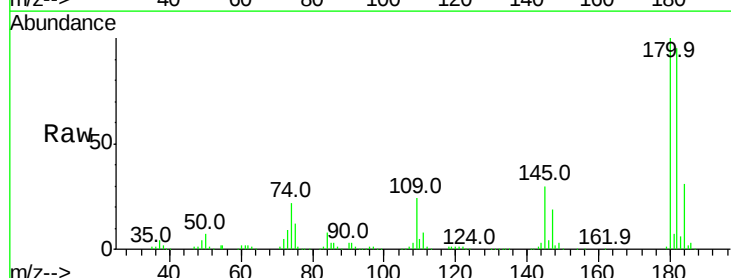
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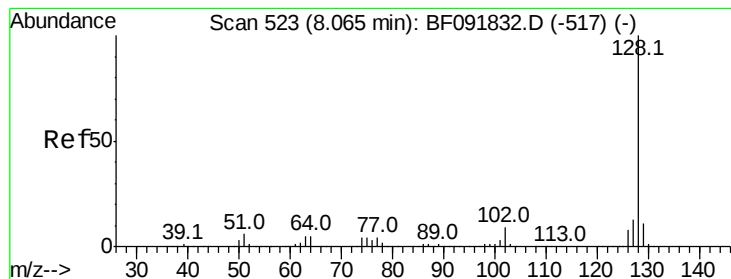
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.79 ng
 RT: 7.98 min Scan# 516
 Delta R.T. 0.00 min
 Lab File: BF091832.D
 Acq: 21 Dec 2016 13:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.1	78.2	117.4
145	29.9	21.6	32.4





#31

Naphthalene

Concen: 42.15 ng

RT: 8.06 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:128 Resp: 2412692

Ion Ratio Lower Upper

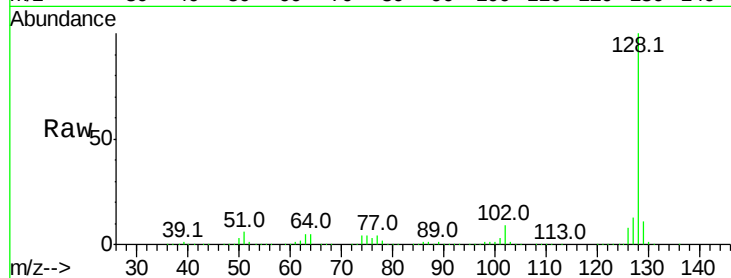
128 100

129 11.5 9.5 14.3

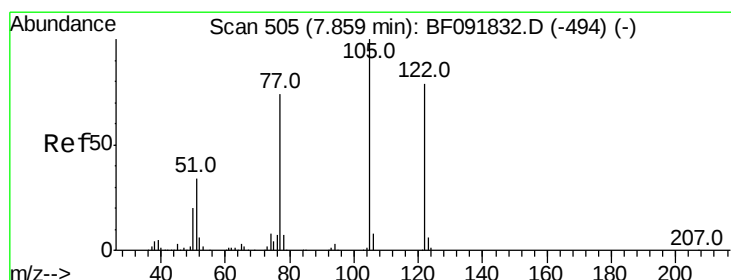
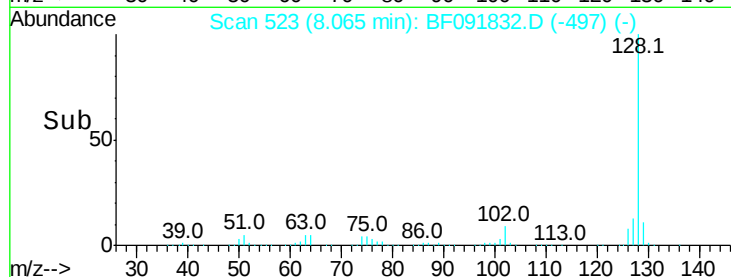
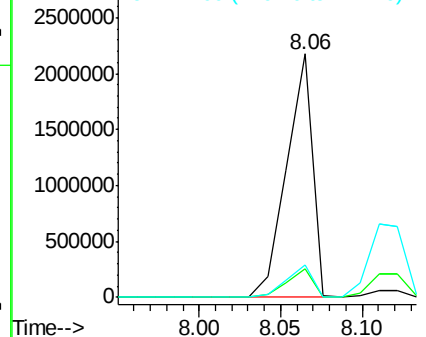
127 13.5 10.8 16.2

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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: 47.29 ng

RT: 7.86 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

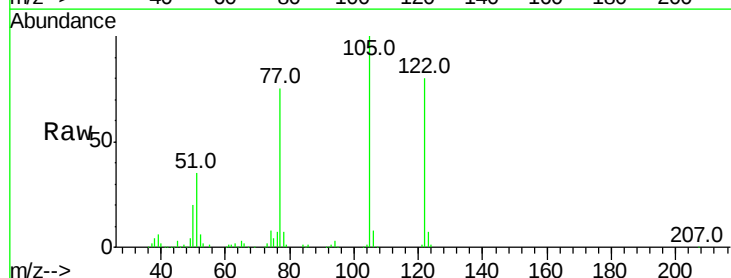
Tgt Ion:122 Resp: 591650

Ion Ratio Lower Upper

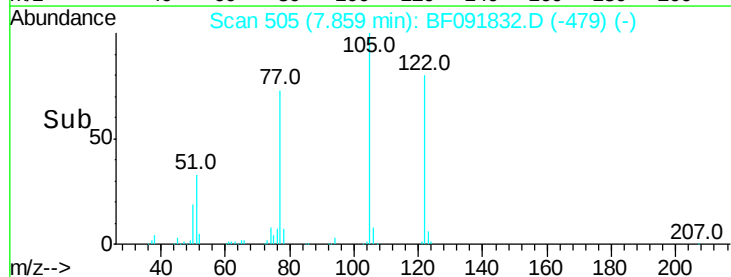
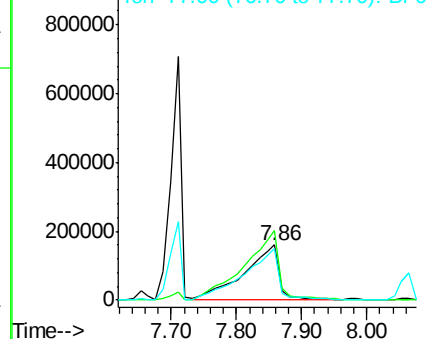
122 100

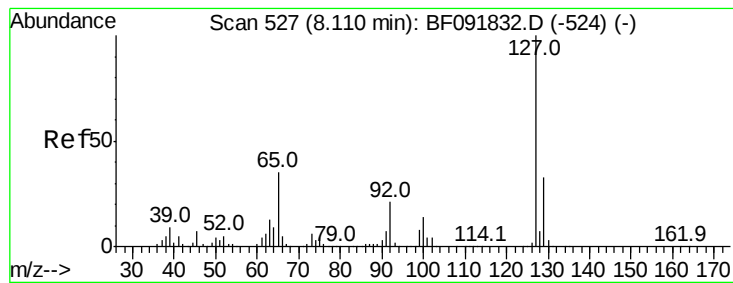
105 124.9 107.2 147.2

77 93.5 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





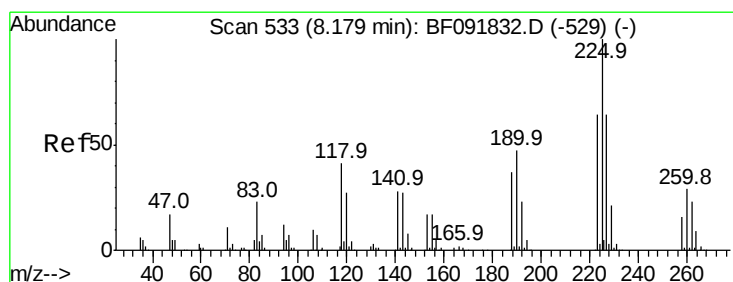
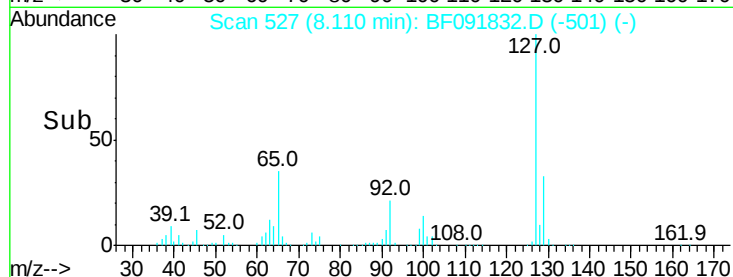
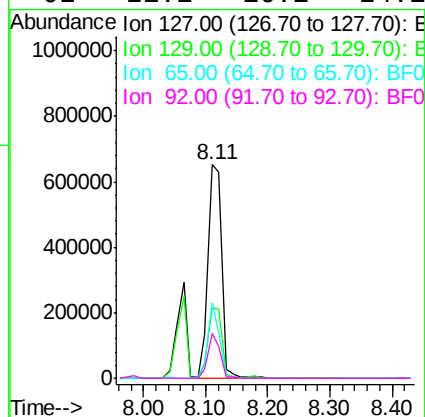
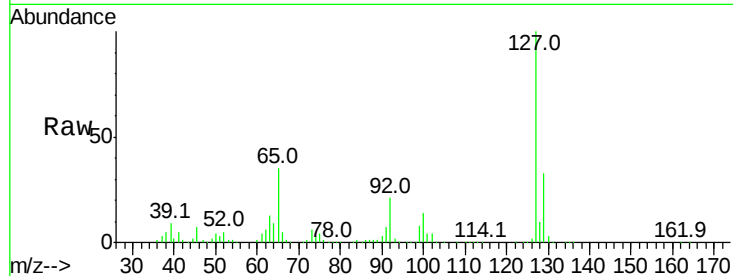
#33
4-Chloroaniline
Concen: 42.04 ng
RT: 8.11 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.3	39.5
65	35.3	25.8	38.8
92	21.1	16.1	24.1

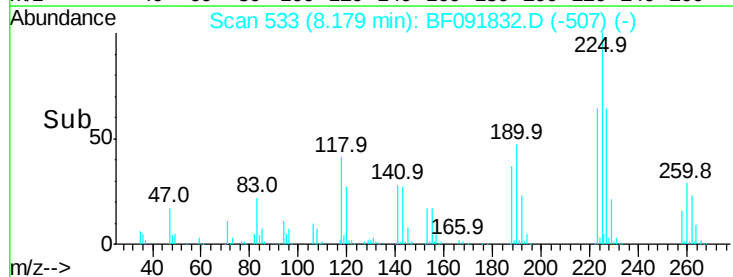
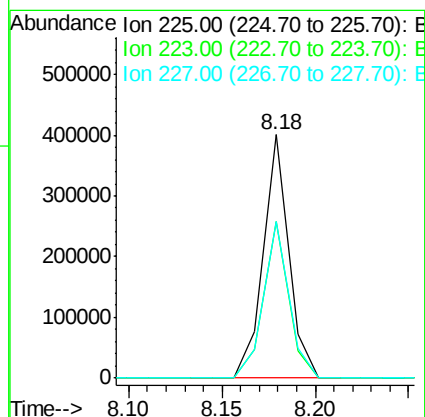
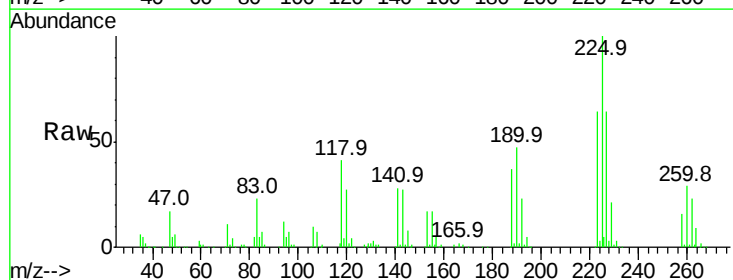
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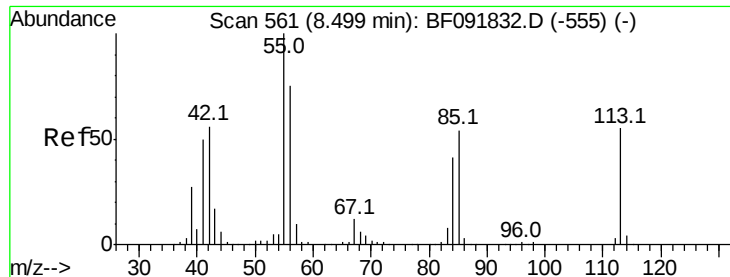
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#34
Hexachlorobutadiene
Concen: 38.31 ng
RT: 8.18 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	51.0	76.6
227	64.1	50.6	76.0





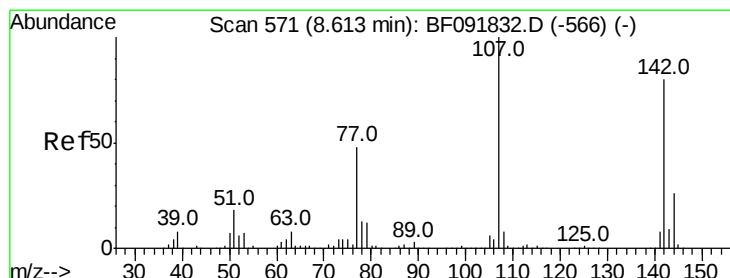
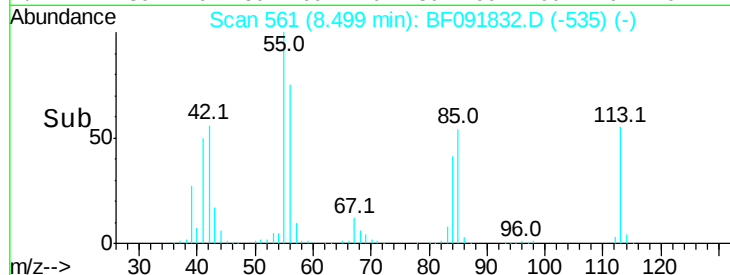
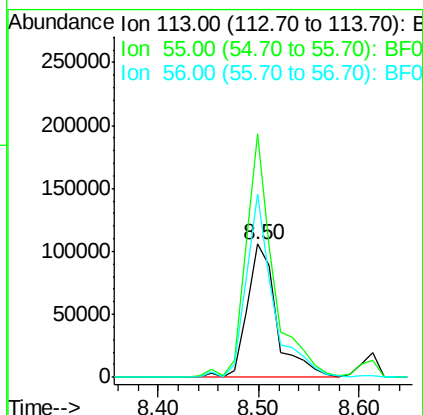
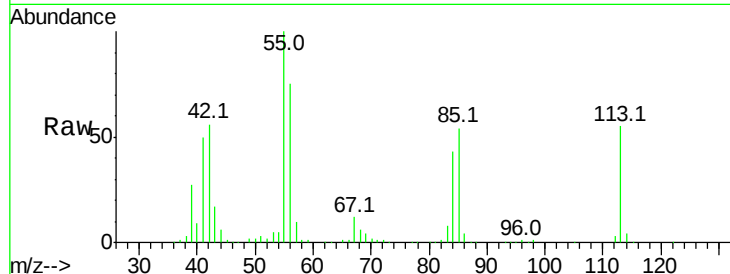
#35
 Caprolactam
 Concen: 41.24 ng
 RT: 8.50 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: BF091832.D
 Acq: 21 Dec 2016 13:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	183.1	119.2	159.2#
56	138.0	83.8	123.8#

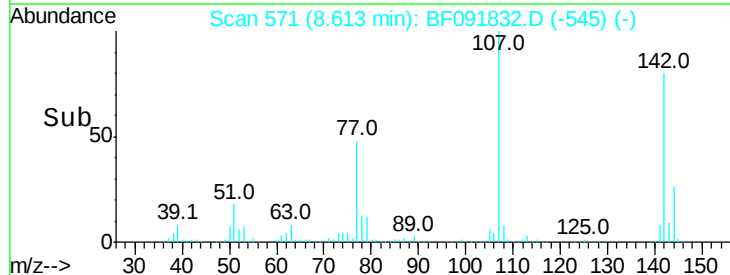
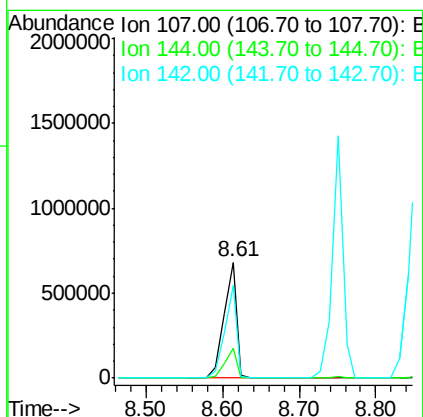
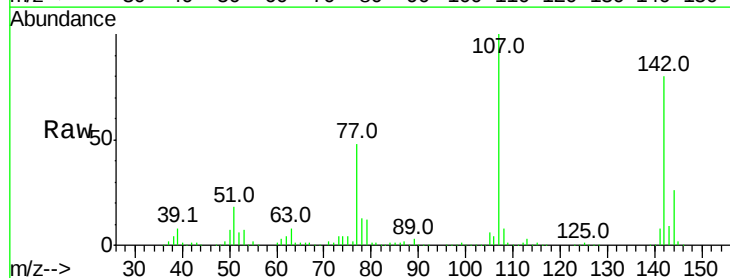
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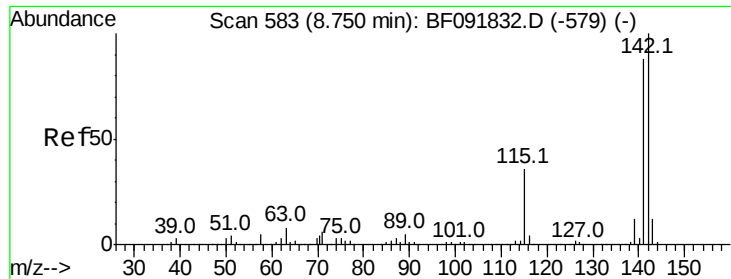
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#36
 4-Chloro-3-methylphenol
 Concen: 44.18 ng
 RT: 8.61 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: BF091832.D
 Acq: 21 Dec 2016 13:37

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.2	19.3	28.9
142	80.0	59.0	88.6





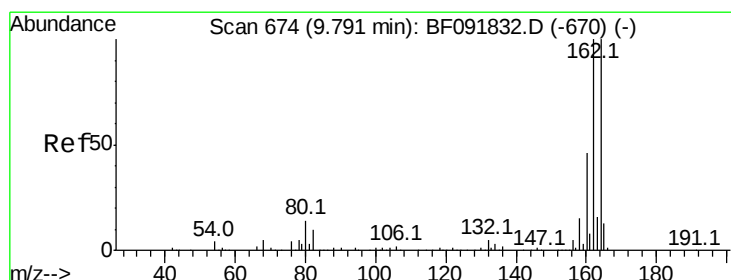
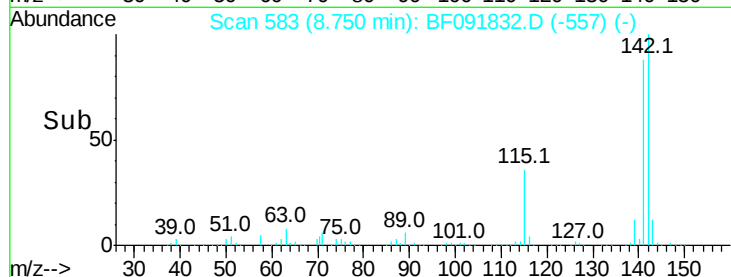
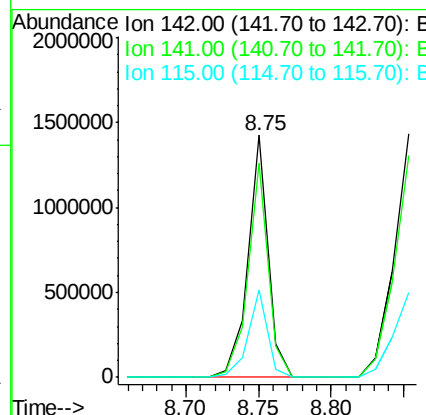
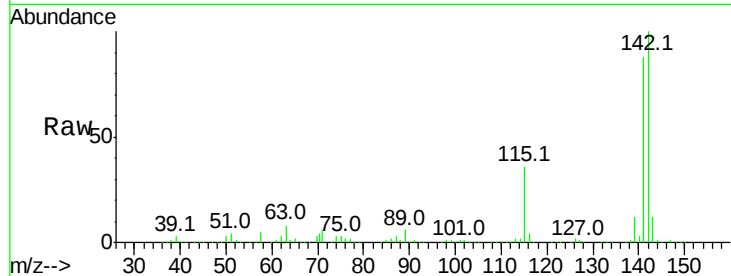
#37
2-Methylnaphthalene
Concen: 38.15 ng
RT: 8.75 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.0	106.6
115	36.3	28.3	42.5

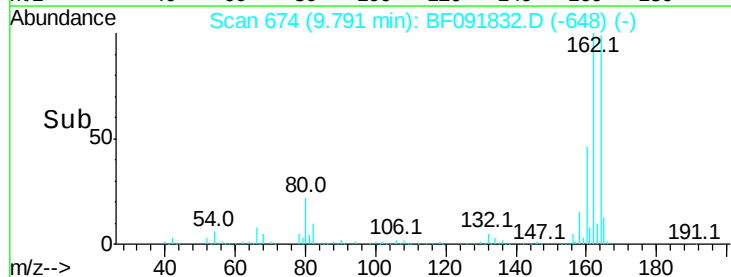
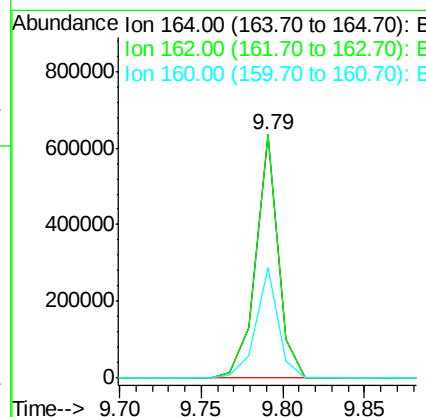
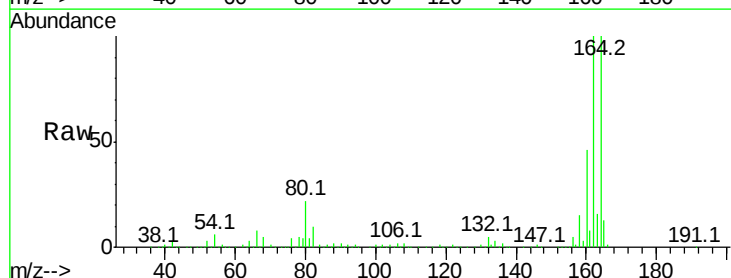
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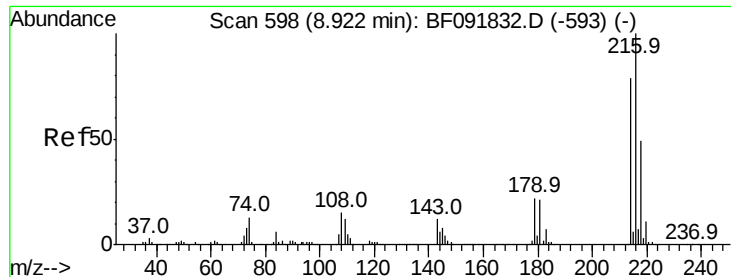
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.2	120.2
160	45.6	36.9	55.3





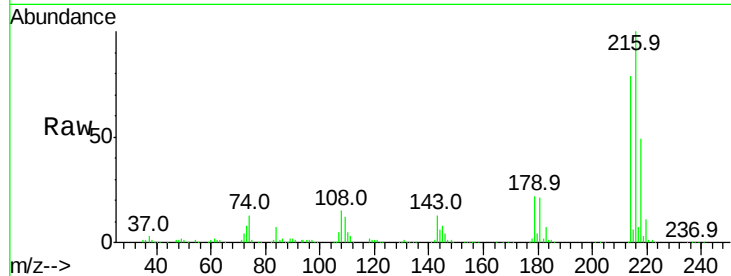
#39
1,2,4,5-Tetrachlorobenzene
Concen: 45.09 ng
RT: 8.92 min Scan# 598
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

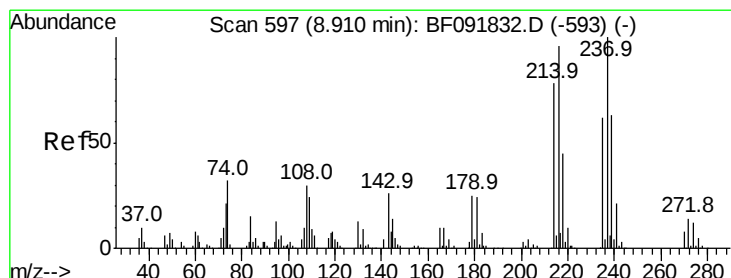
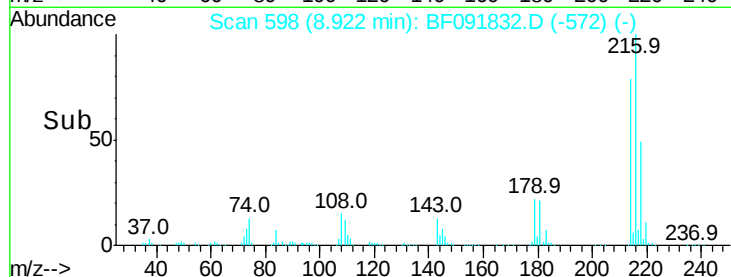
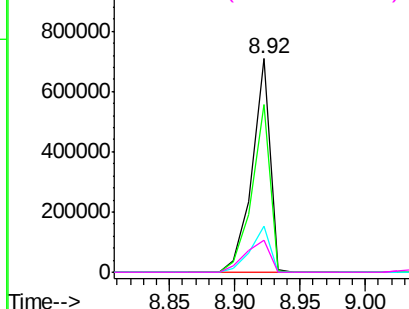
Tot Ion	Ratio	Resp	Lower	Upper
216	100	680448		
214	79.3	63.4	95.0	
179	23.0	17.4	26.2	
108	20.2	15.6	23.4	

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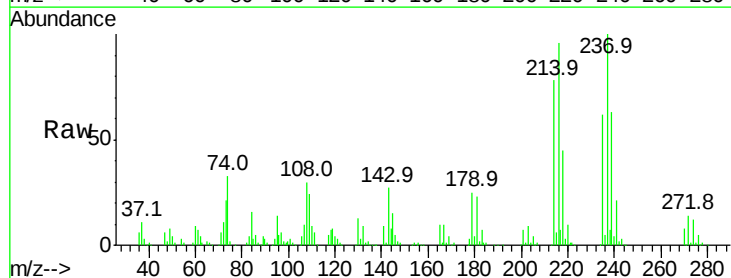


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

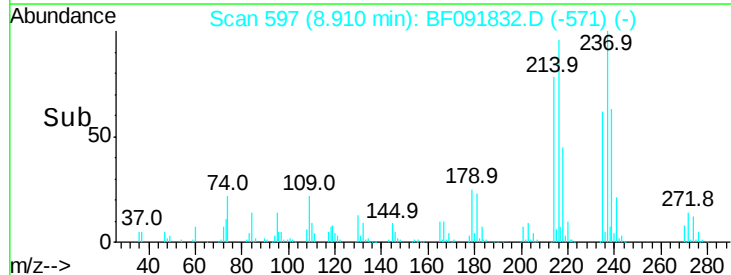
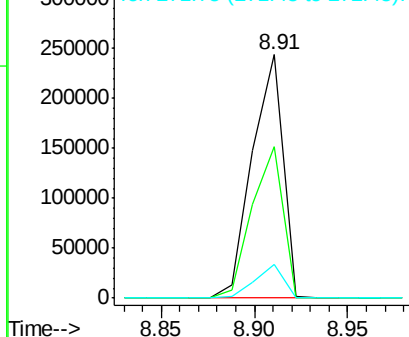


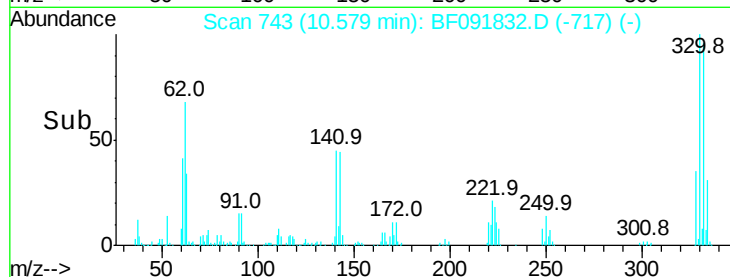
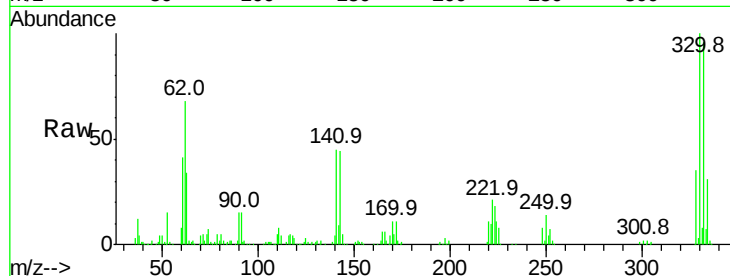
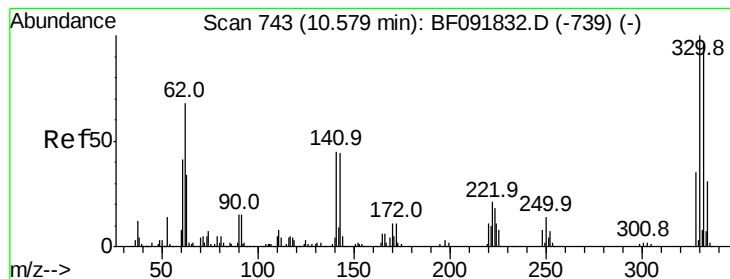
#40
Hexachlorocyclopentadiene
Concen: 43.53 ng
RT: 8.91 min Scan# 597
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	278429		
235	62.2	41.2	81.2	
272	13.7	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: 76.06 ng

RT: 10.58 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

Tot Ion:	330	Resp:	390447
Ion Ratio	Lower	Upper	
330	100		
332	95.5	77.4	116.2
141	41.2	34.1	51.1

Instrument :

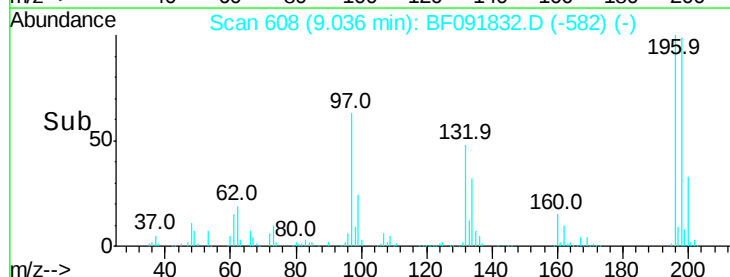
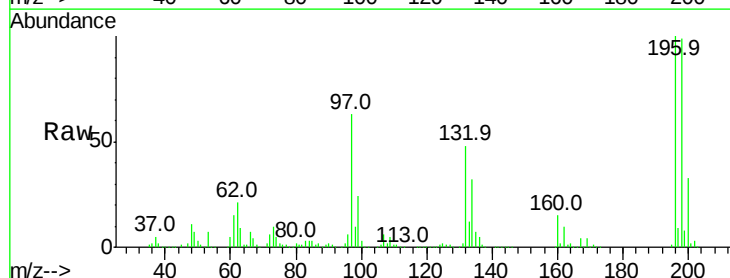
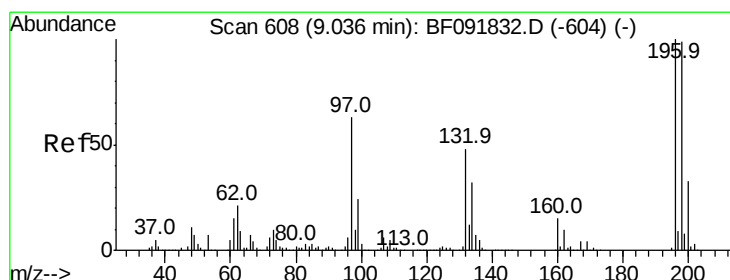
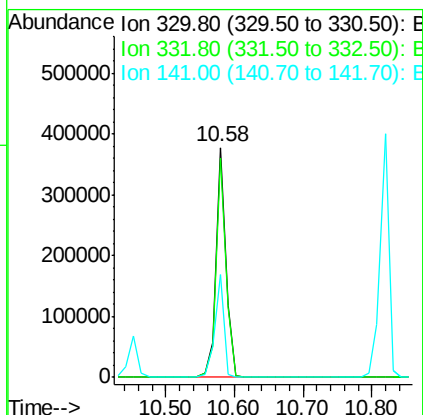
BNA_F

ClientSampleId :

SSTDICCC040

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#42

2,4,6-Trichlorophenol

Concen: 43.86 ng

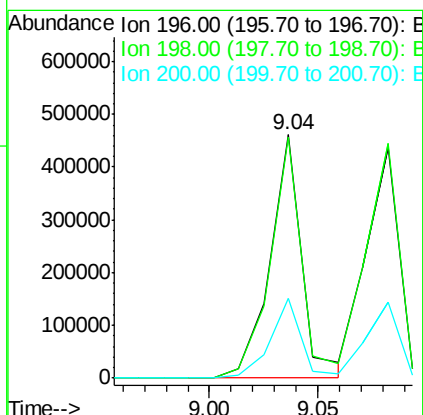
RT: 9.04 min Scan# 608

Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

Tgt Ion:	196	Resp:	472951
Ion Ratio	Lower	Upper	
196	100		
198	99.2	82.1	123.1
200	32.7	27.0	40.4





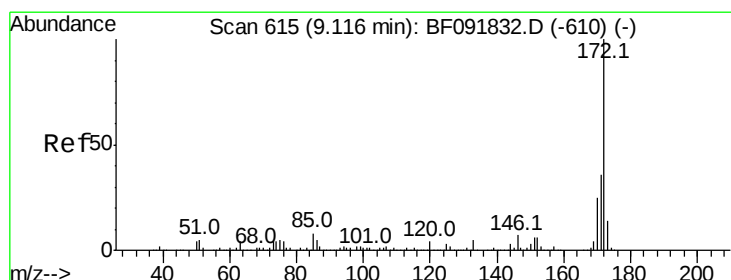
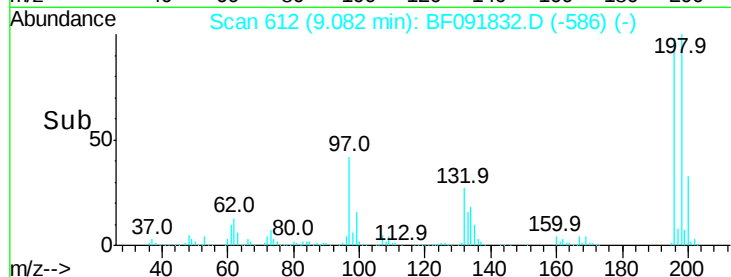
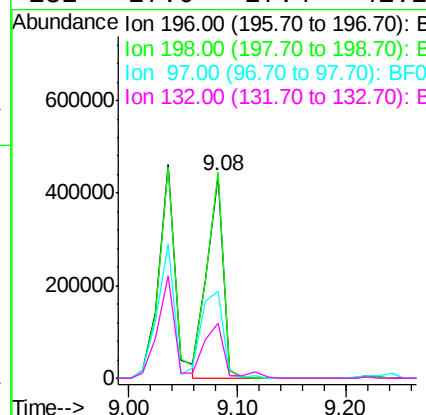
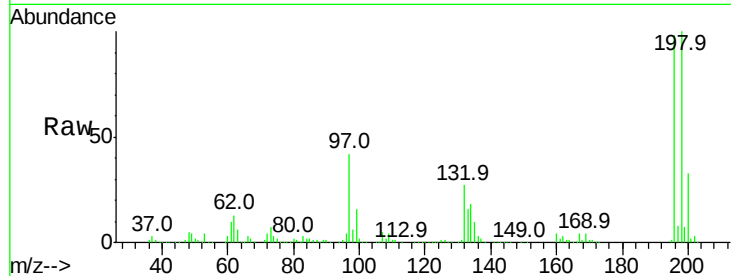
#43
 2,4,5-Trichlorophenol
 Concen: 43.35 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF091832.D
 Acq: 21 Dec 2016 13:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	459180		
198	101.6	79.4	119.2	
97	42.7	51.5	77.3	
132	27.0	27.4	41.2	

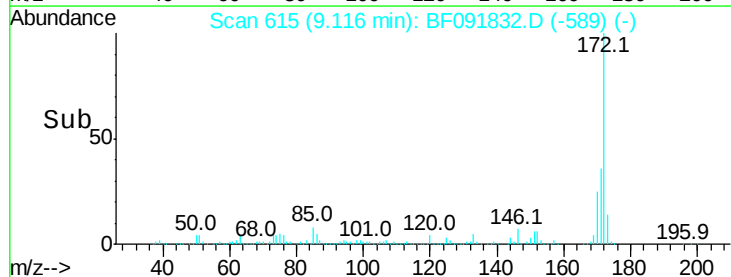
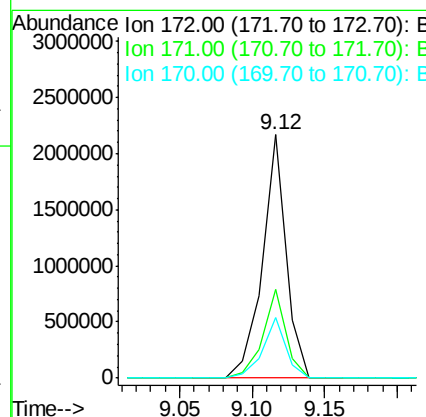
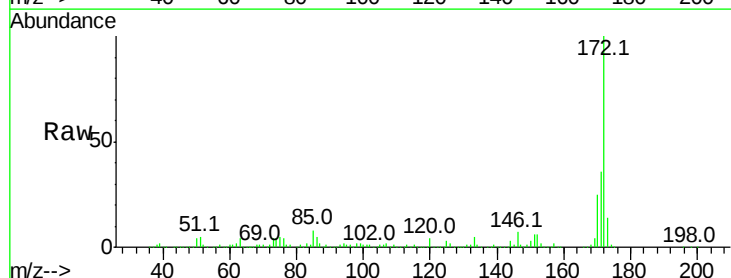
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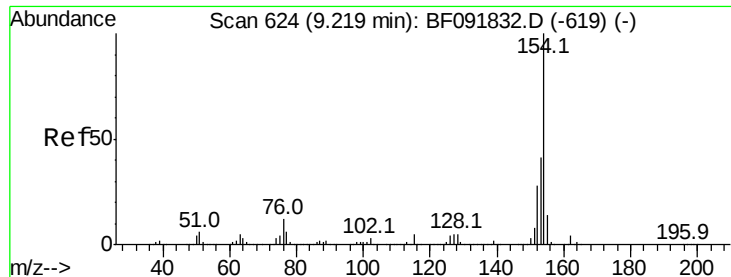
sohil
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#44
 2-Fluorobiphenyl
 Concen: 81.14 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF091832.D
 Acq: 21 Dec 2016 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2445111		
171	36.2	29.4	44.0	
170	25.0	20.2	30.4	





#45

1,1'-Biphenyl

Concen: 43.34 ng

RT: 9.22 min Scan# 624

Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:154 Resp: 1880704

Ion Ratio Lower Upper

154 100

153 41.2 20.9 60.9

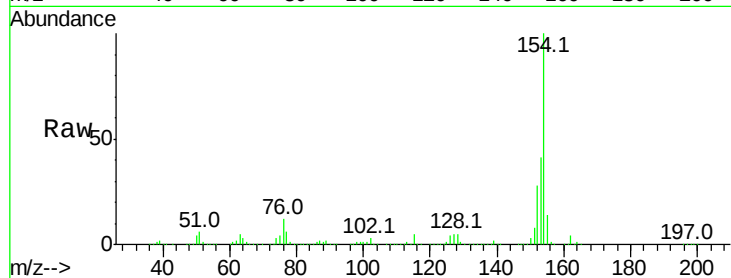
76 12.3 0.0 30.5

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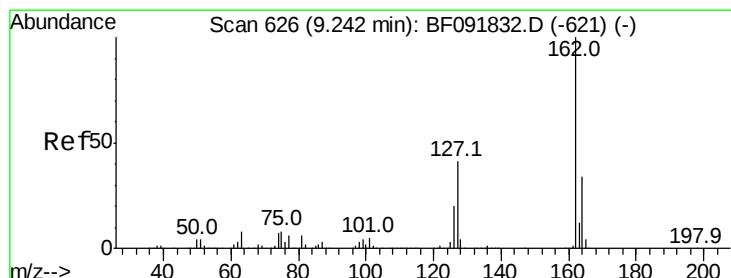
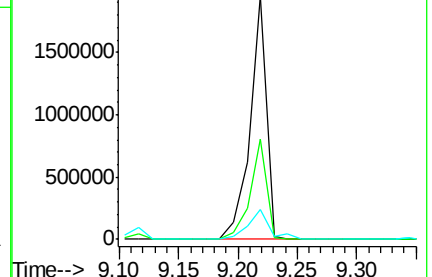
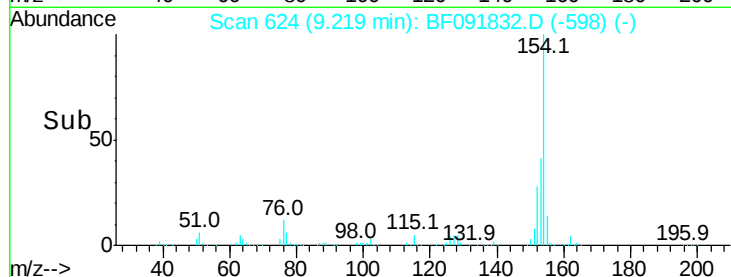
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 42.77 ng

RT: 9.24 min Scan# 626

Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

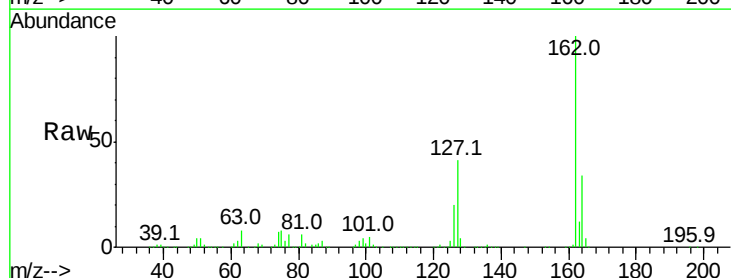
Tgt Ion:162 Resp: 1387016

Ion Ratio Lower Upper

162 100

127 40.8 30.7 46.1

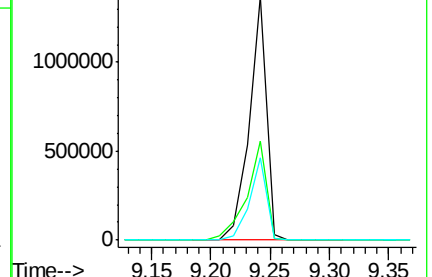
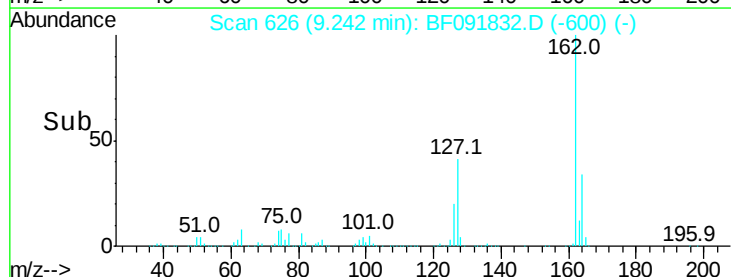
164 33.9 27.6 41.4

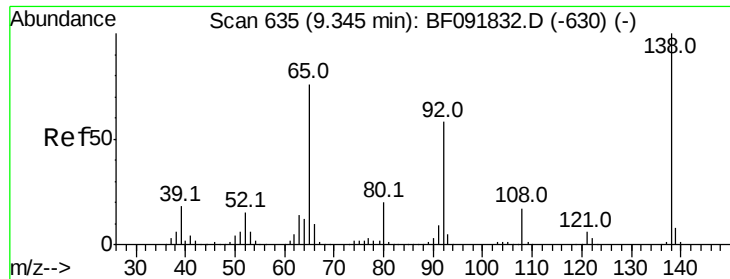


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





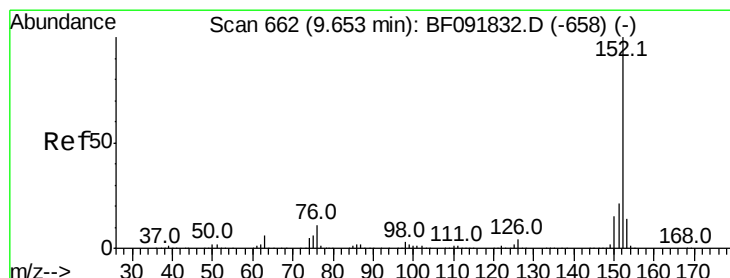
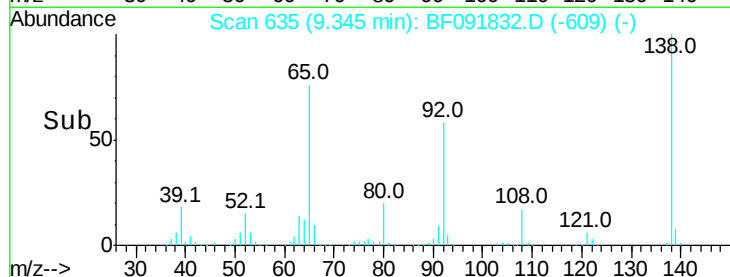
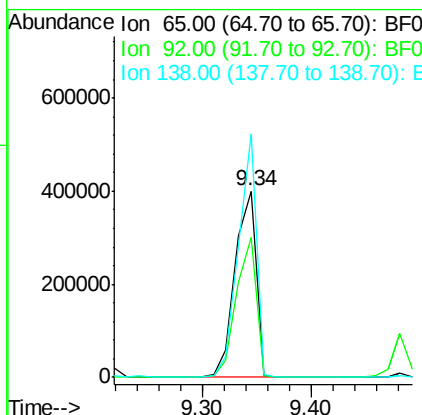
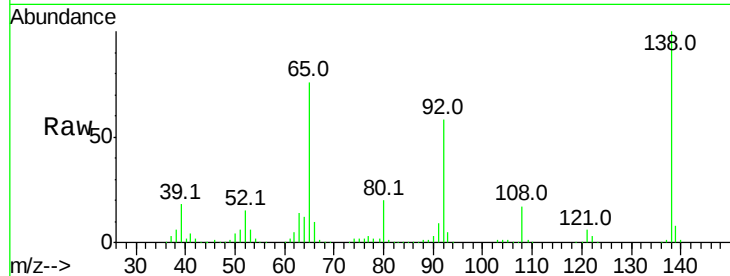
#47
 2-Nitroaniline
 Concen: 47.95 ng
 RT: 9.34 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BF091832.D
 Acq: 21 Dec 2016 13:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	75.3	53.9	80.9
138	130.9	76.8	115.2

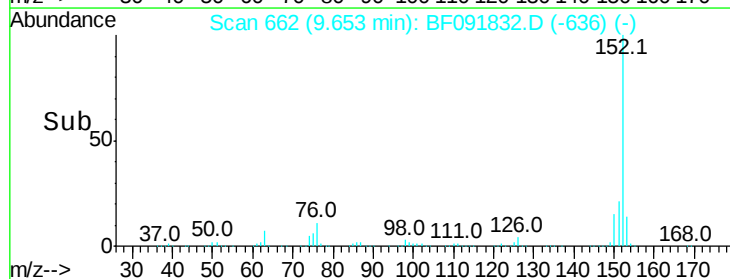
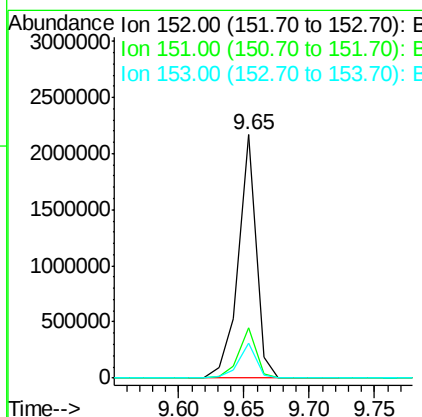
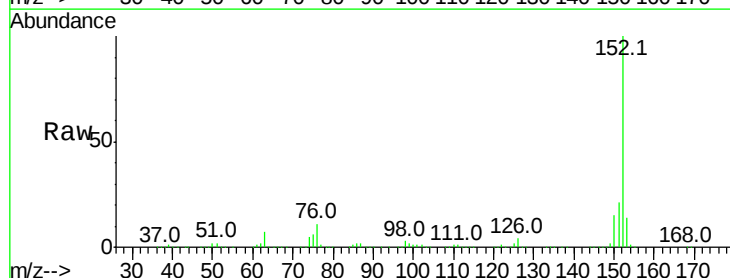
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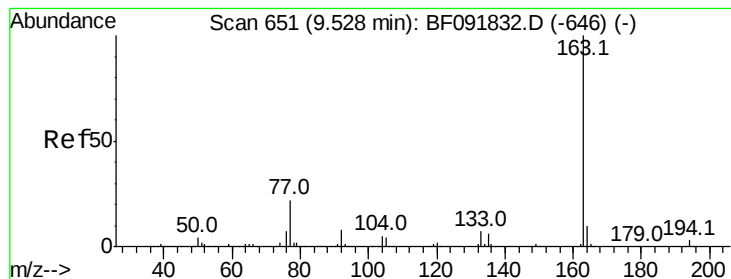
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#48
 Acenaphthylene
 Concen: 40.66 ng
 RT: 9.65 min Scan# 662
 Delta R.T. 0.00 min
 Lab File: BF091832.D
 Acq: 21 Dec 2016 13:37

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.9	25.3
153	14.4	11.4	17.2





#49

Dimethylphthalate

Concen: 41.25 ng

RT: 9.53 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:163 Resp: 1631372

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

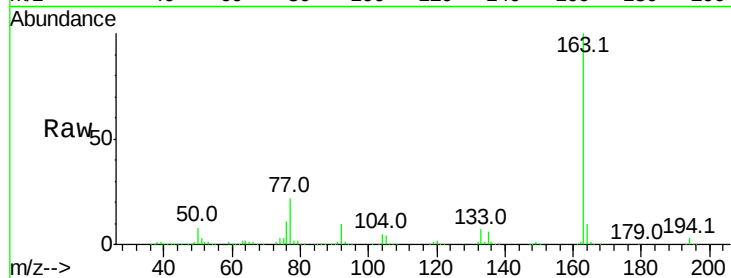
164 10.4 8.0 12.0

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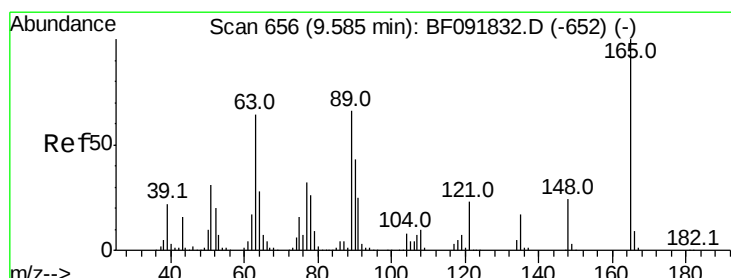
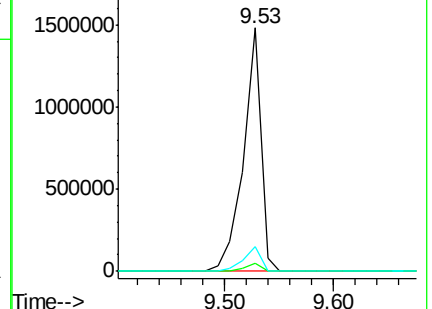
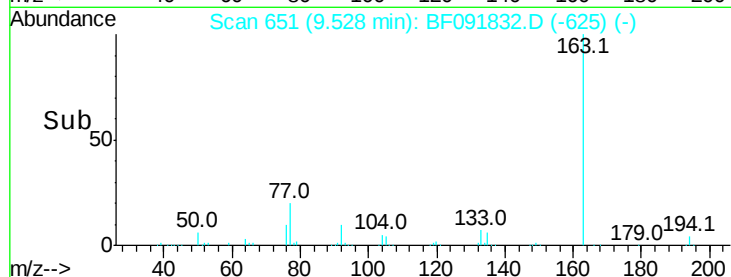
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 39.67 ng

RT: 9.58 min Scan# 656

Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

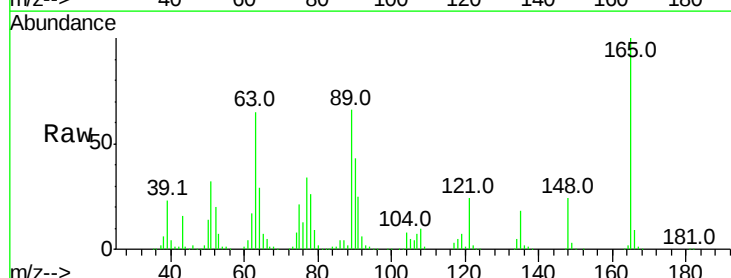
Tgt Ion:165 Resp: 343993

Ion Ratio Lower Upper

165 100

63 64.8 36.2 54.4#

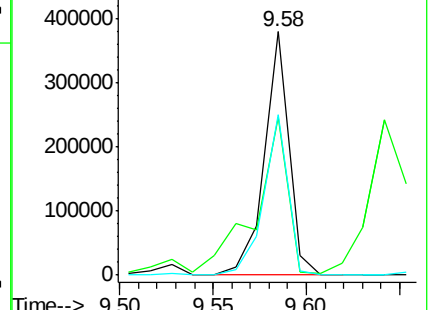
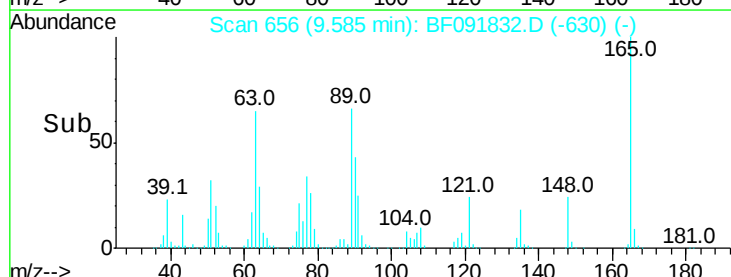
89 65.9 40.2 60.4#

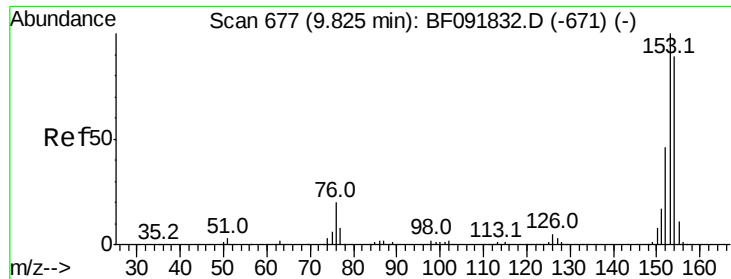


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.57 ng

RT: 9.82 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:154 Resp: 1364670

Ion Ratio Lower Upper

154 100

153 112.0 88.6 133.0

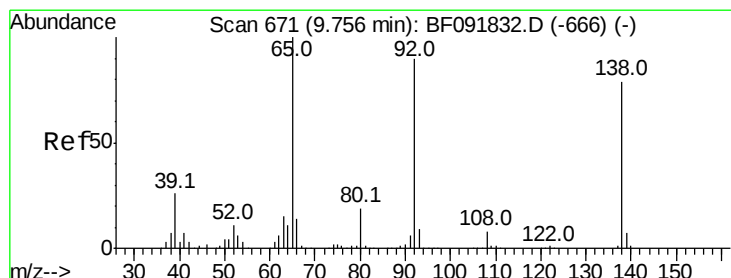
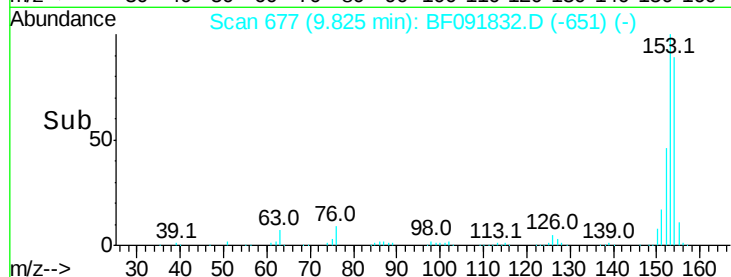
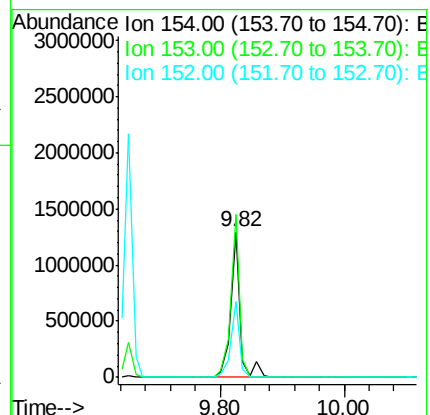
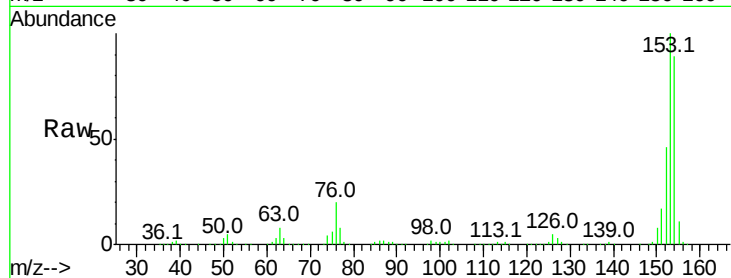
152 52.1 41.6 62.4

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#52

3-Nitroaniline

Concen: 44.53 ng

RT: 9.76 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

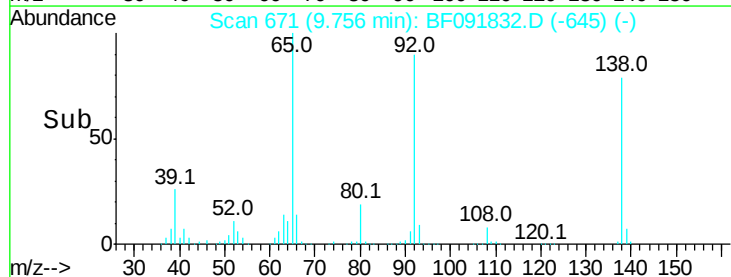
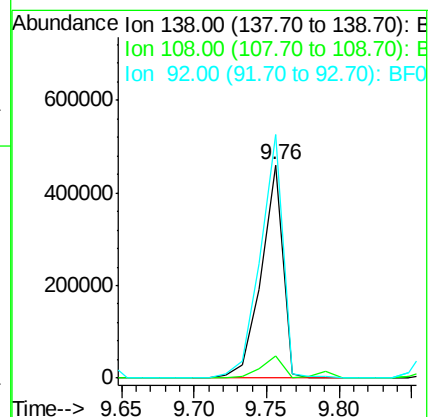
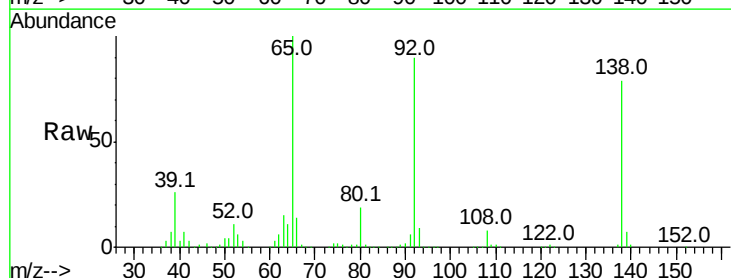
Tgt Ion:138 Resp: 480725

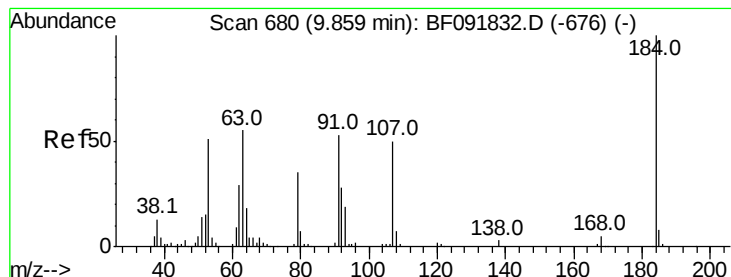
Ion Ratio Lower Upper

138 100

108 10.3 8.5 12.7

92 114.1 97.8 146.8





#53

2,4-Dinitrophenol

Concen: 46.35 ng

RT: 9.86 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:184 Resp: 217118

Ion Ratio Lower Upper

184 100

63 70.5 28.4 42.6#

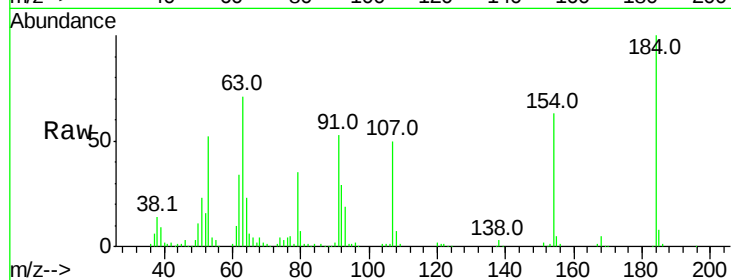
154 63.1 44.3 66.5

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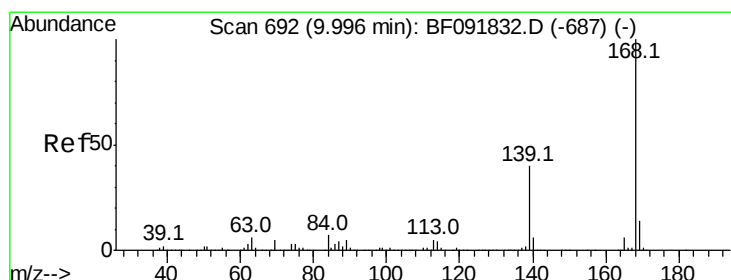
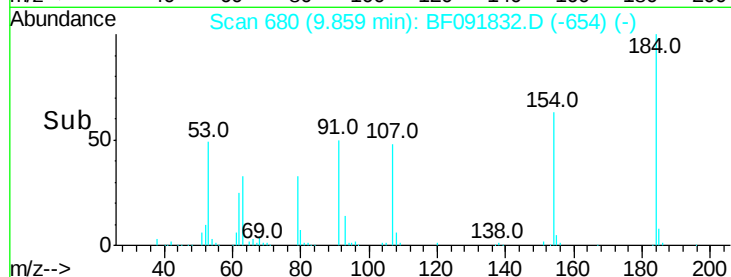
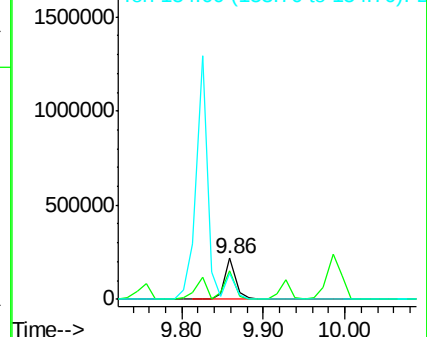
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 41.87 ng

RT: 10.00 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

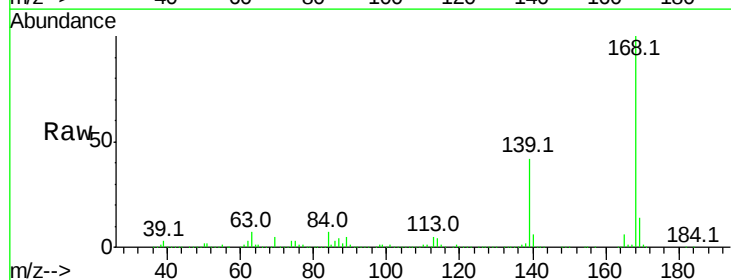
Tgt Ion:168 Resp: 1716804

Ion Ratio Lower Upper

168 100

139 42.1 32.6 49.0

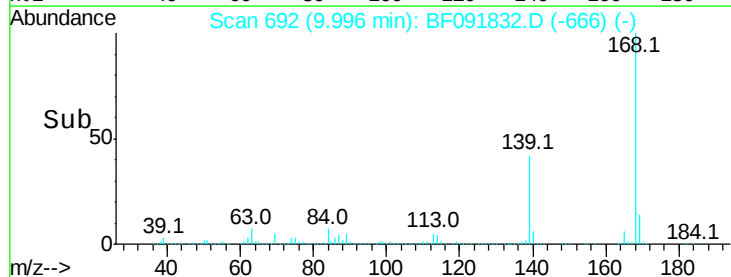
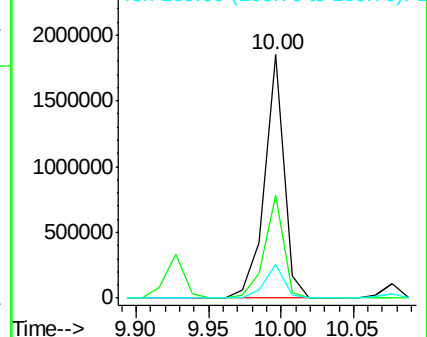
169 14.0 11.3 16.9

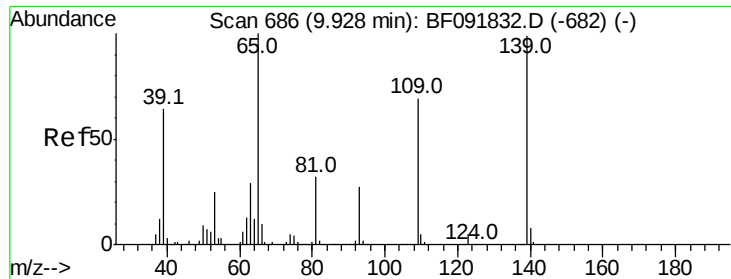


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





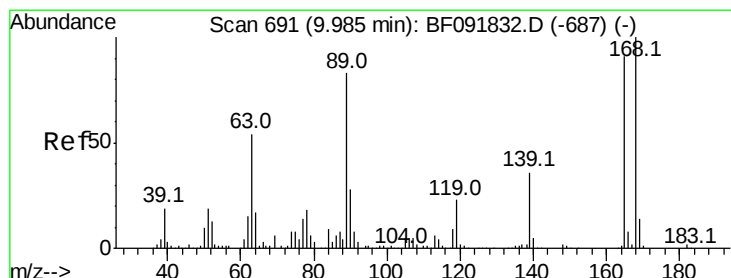
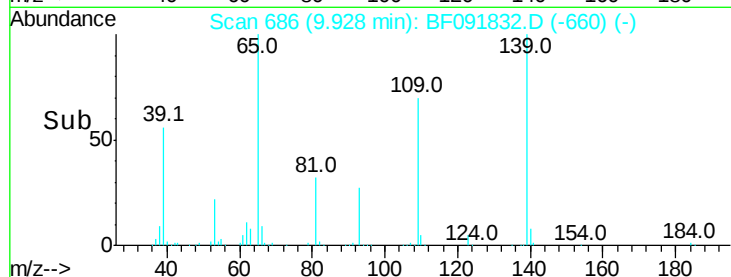
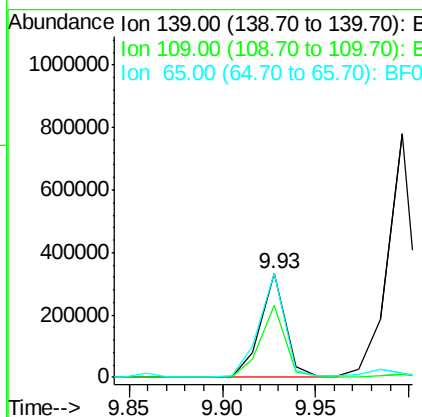
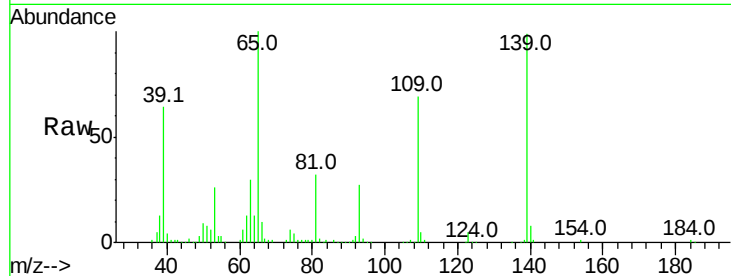
#55
4-Nitrophenol
Concen: 41.82 ng
RT: 9.93 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	69.8	52.2	92.2	
65	100.9	85.8	125.8	

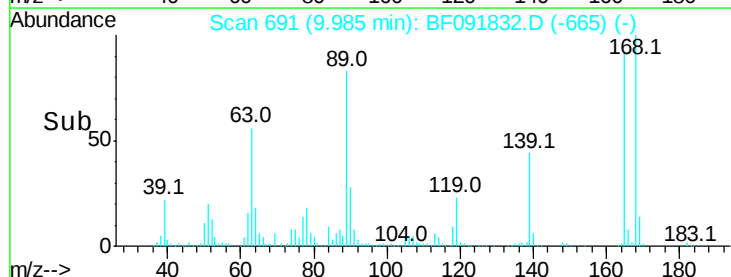
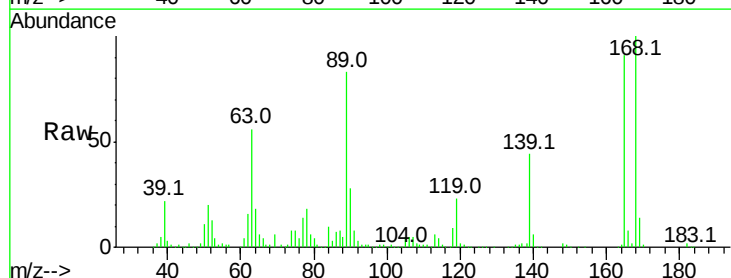
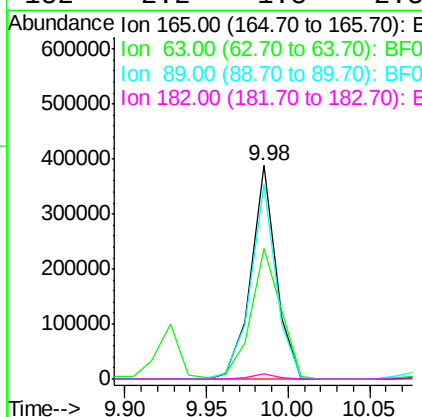
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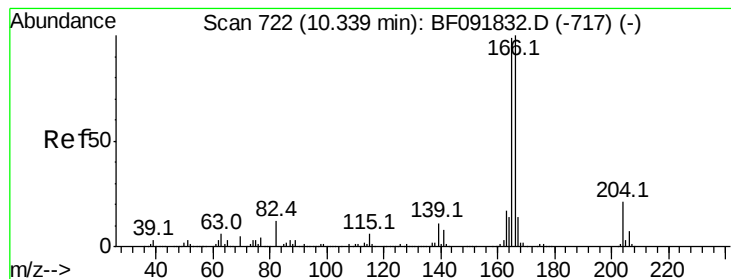
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#56
2,4-Dinitrotoluene
Concen: 38.58 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	61.4	40.2	60.4#	
89	90.9	62.5	93.7	
182	2.2	1.8	2.8	





#57

Fluorene

Concen: 44.24 ng

RT: 10.34 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:166 Resp: 1409065

Ion Ratio Lower Upper

166 100

165 98.6 77.8 116.8

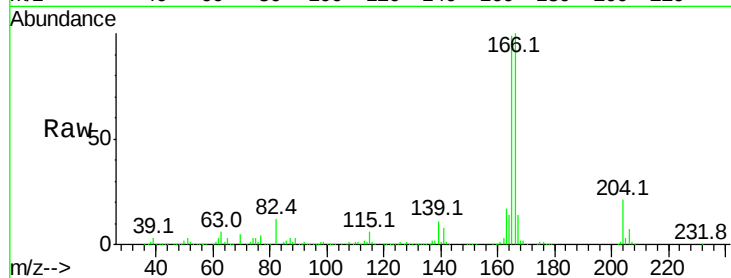
167 13.9 10.8 16.2

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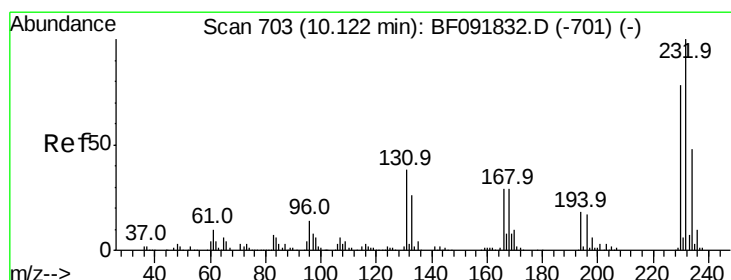
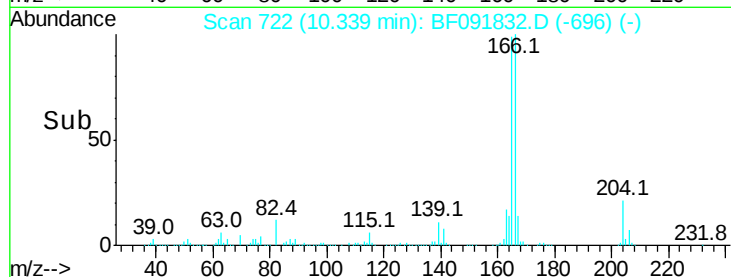
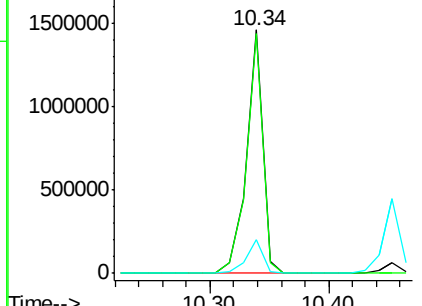
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Abundance Ion 166.00 (165.70 to 166.70): E

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: 43.21 ng

RT: 10.12 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

Tgt Ion:232 Resp: 378411

Ion Ratio Lower Upper

232 100

131 48.4 40.1 60.1

130 2.4 1.8 2.8

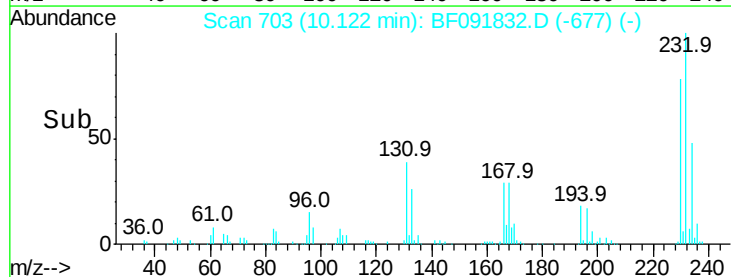
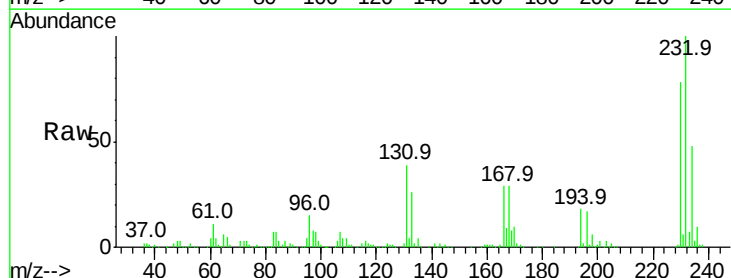
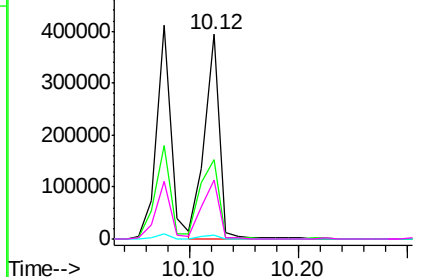
166 32.8 26.6 39.8

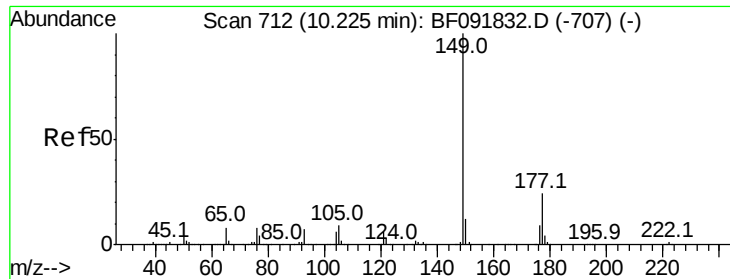
Abundance Ion 232.00 (231.70 to 232.70): E

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





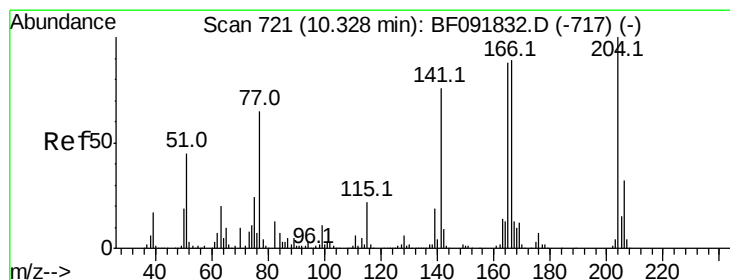
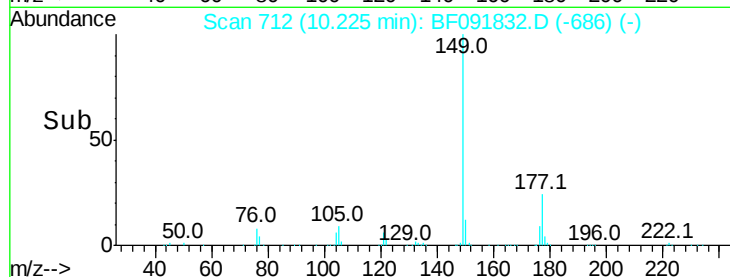
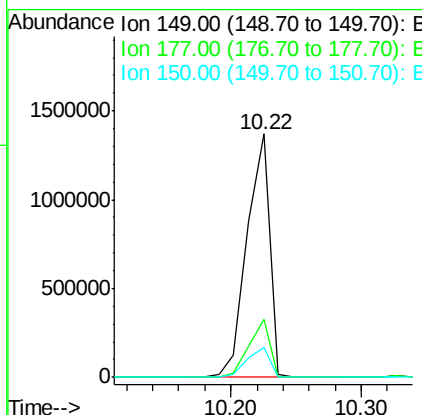
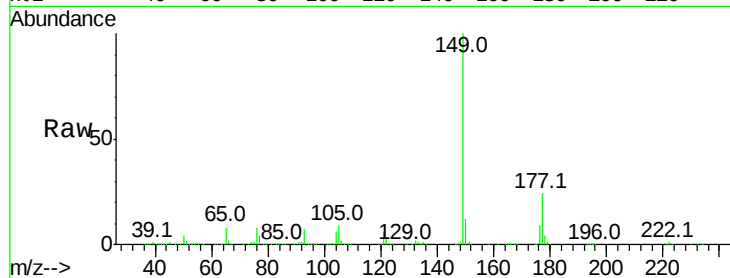
#59
Diethylphthalate
Concen: 42.37 ng
RT: 10.22 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.9	16.6	25.0
150	12.4	10.4	15.6

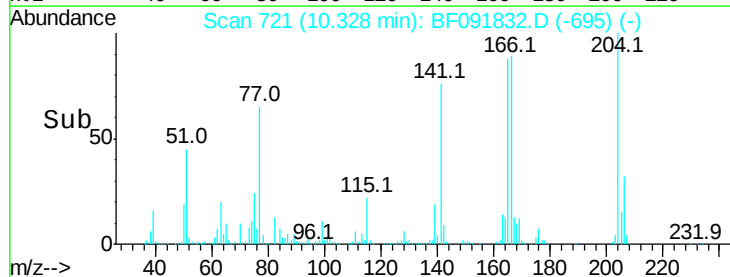
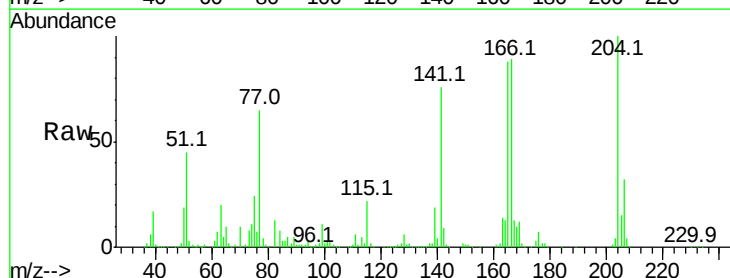
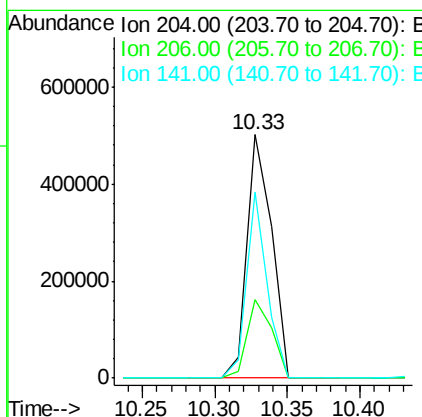
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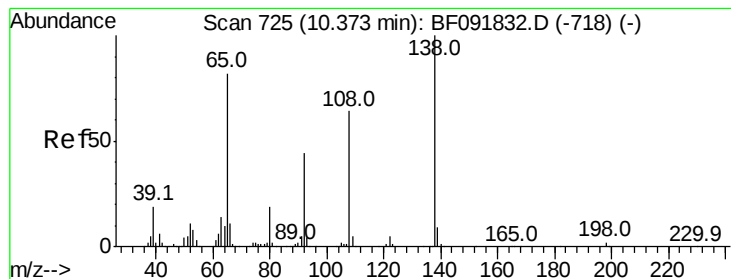
sohil
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#60
4-Chlorophenyl-phenylether
Concen: 40.70 ng
RT: 10.33 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.3	25.8	38.6
141	76.4	59.4	89.0





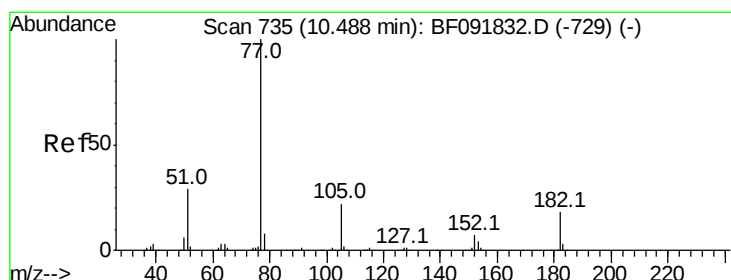
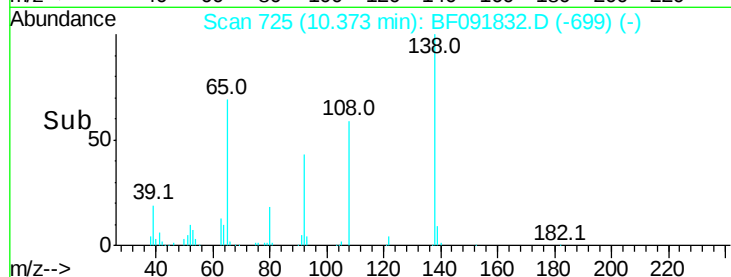
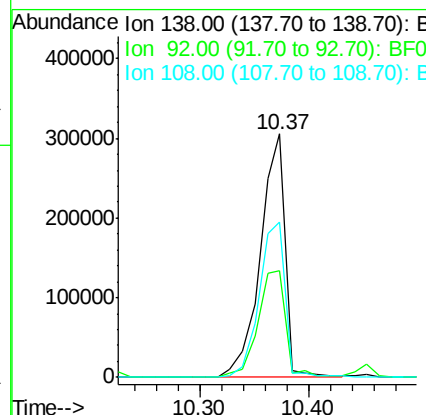
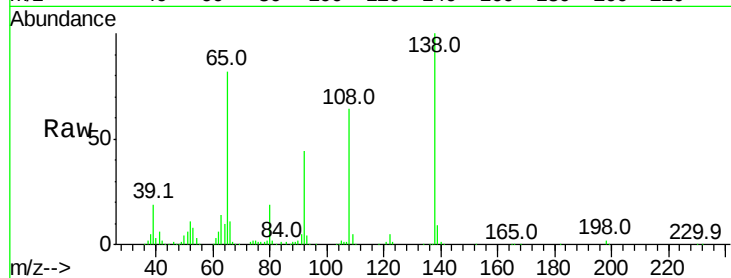
#61
4-Nitroaniline
Concen: 47.91 ng
RT: 10.37 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	43.6	31.7	71.7
108	63.9	52.6	92.6

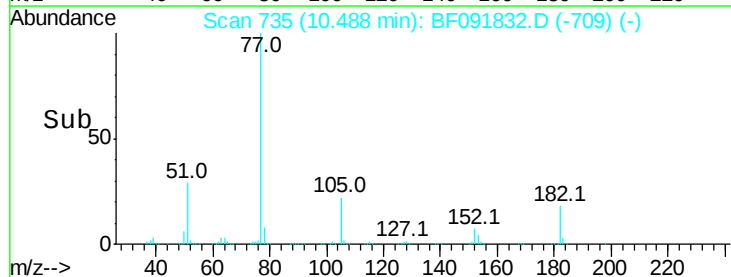
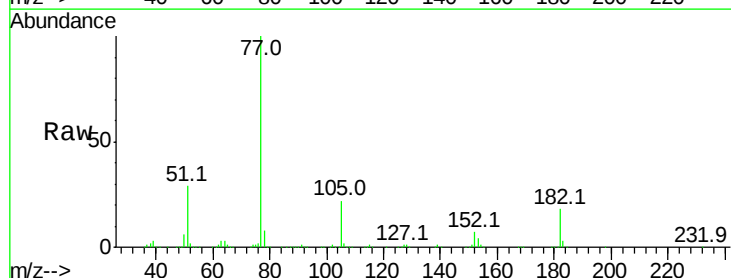
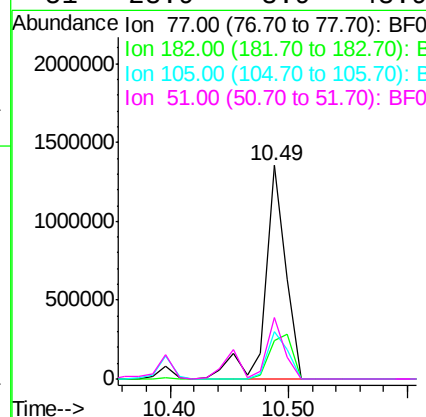
Manual Integrations
APPROVED

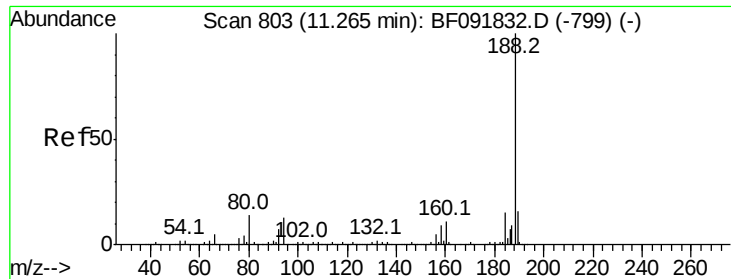
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#62
Azobenzene
Concen: 39.82 ng
RT: 10.49 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

Tgt Ion	Ratio	Lower	Upper
77	100		
182	17.7	0.0	39.3
105	22.0	2.3	42.3
51	28.9	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: BF091832.D

Acq: 21 Dec 2016 13:37

Instrument :

BNA_F

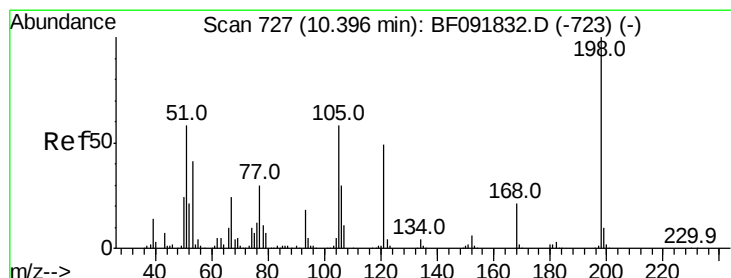
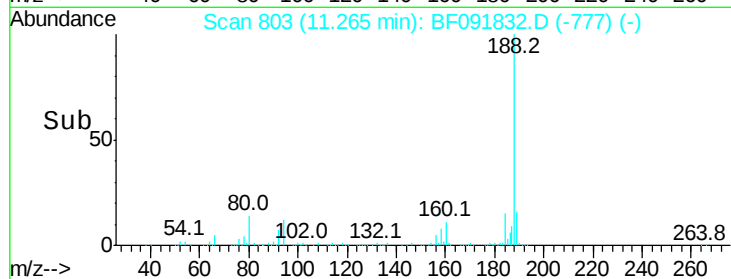
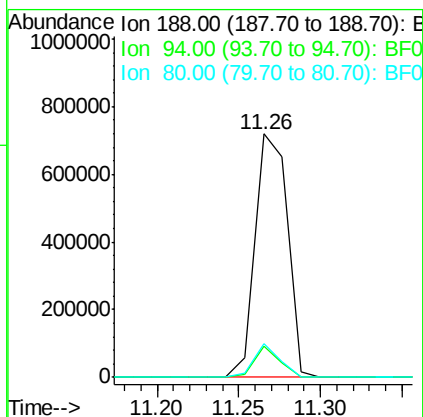
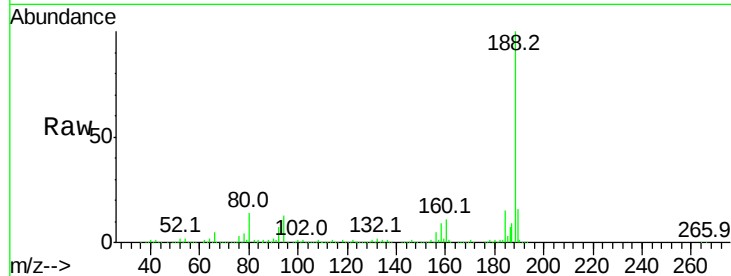
ClientSampleId :

SSTDICCC040

Tot Ion:	188	Resp:	994063
Ion Ratio	Lower	Upper	
188	100		
94	12.7	10.0	15.0
80	13.8	11.2	16.8

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#64

4,6-Dinitro-2-methylphenol

Concen: 39.48 ng

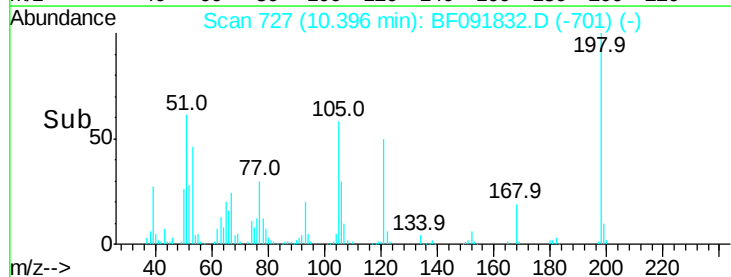
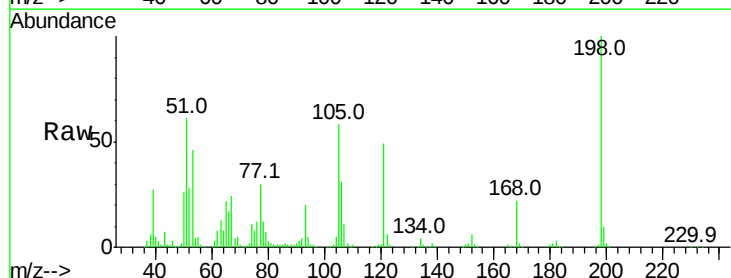
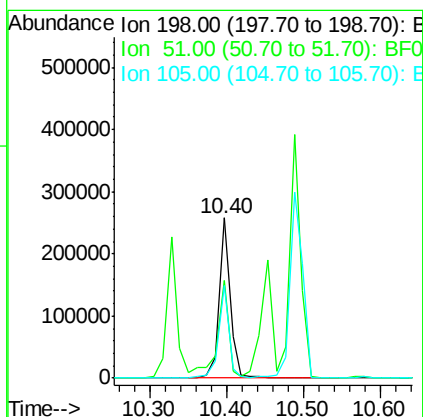
RT: 10.40 min Scan# 727

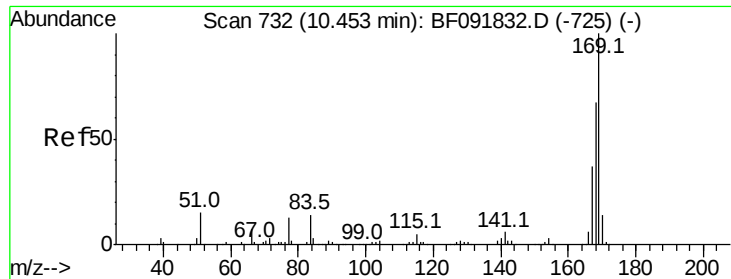
Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

Tgt Ion:	198	Resp:	258819
Ion Ratio	Lower	Upper	
198	100		
51	61.2	6.7	46.7#
105	57.8	16.6	56.6#





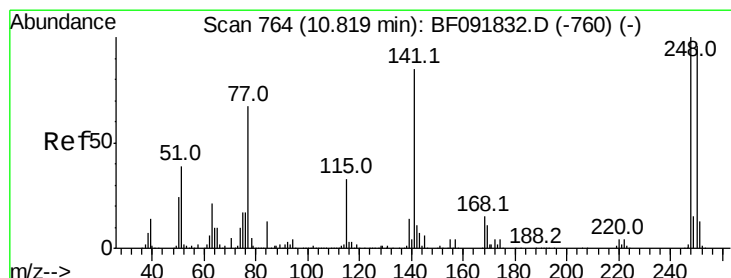
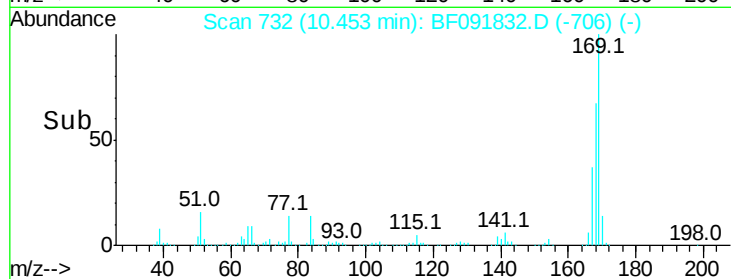
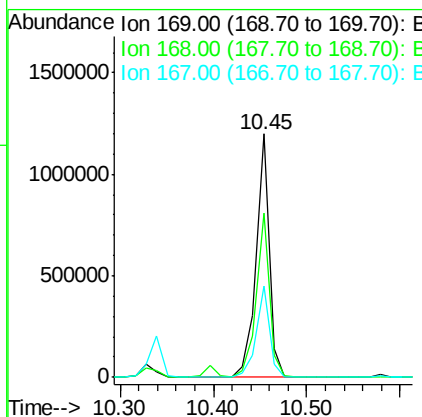
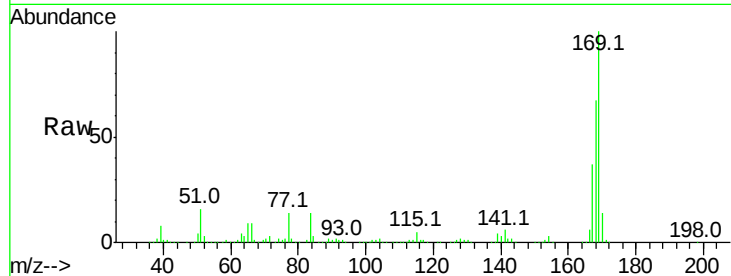
#65
n-Nitrosodiphenylamine
Concen: 38.07 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:169 Resp: 1175152
Ion Ratio Lower Upper
169 100
168 67.3 54.2 81.2
167 37.3 30.2 45.4

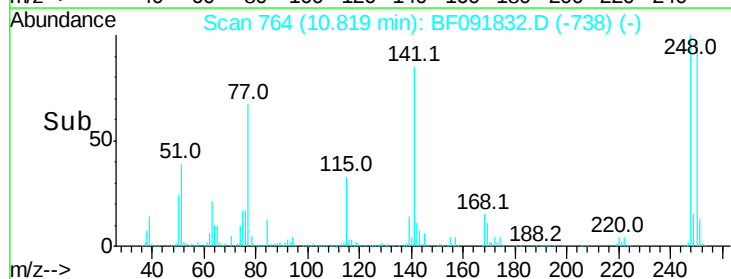
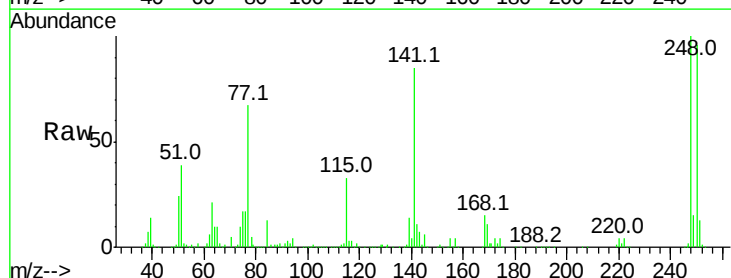
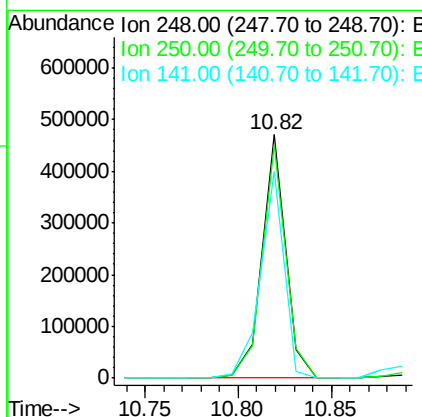
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#66
4-Bromophenyl-phenylether
Concen: 39.40 ng
RT: 10.82 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

Tgt Ion:248 Resp: 410719
Ion Ratio Lower Upper
248 100
250 95.8 76.9 115.3
141 85.0 68.2 102.4





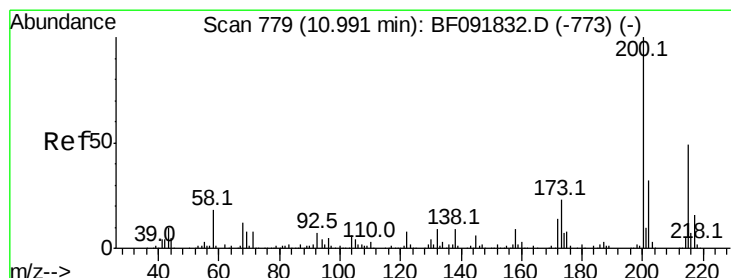
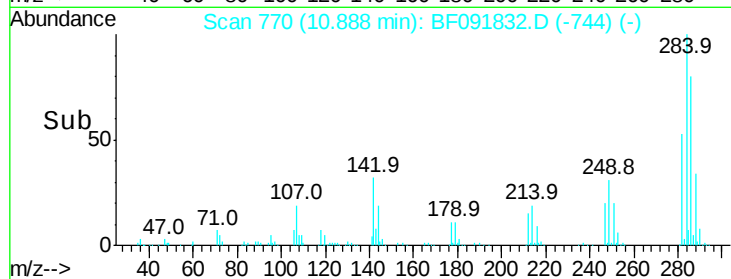
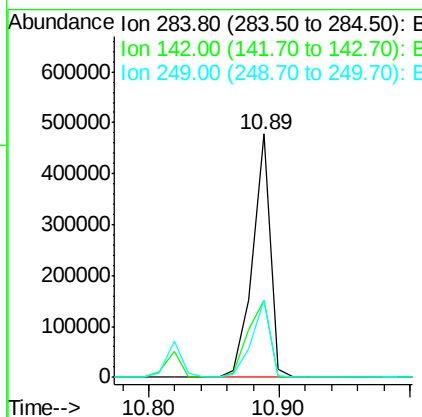
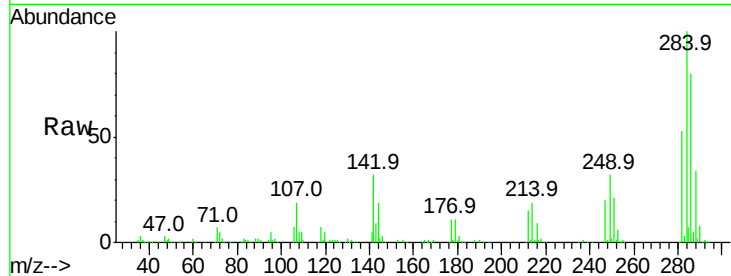
#67
Hexachlorobenzene
Concen: 41.46 ng
RT: 10.89 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	452843		
142	31.8		22.6	33.8
249	31.7		25.4	38.0

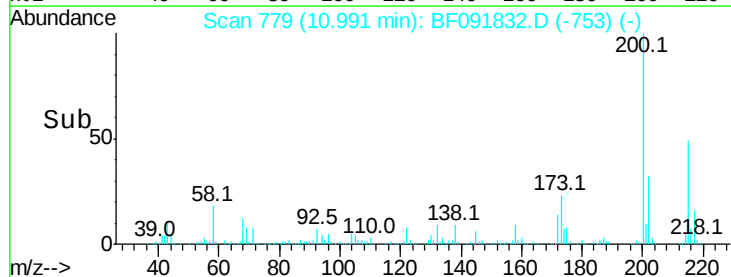
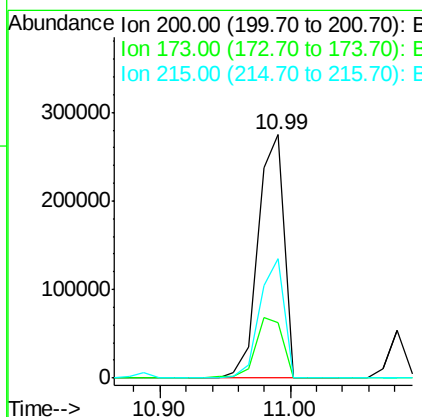
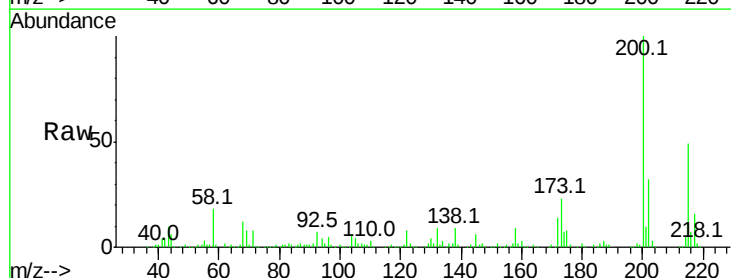
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#68
Atrazine
Concen: 40.80 ng
RT: 10.99 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	380617		
173	22.8		9.6	49.6
215	48.9		25.7	65.7





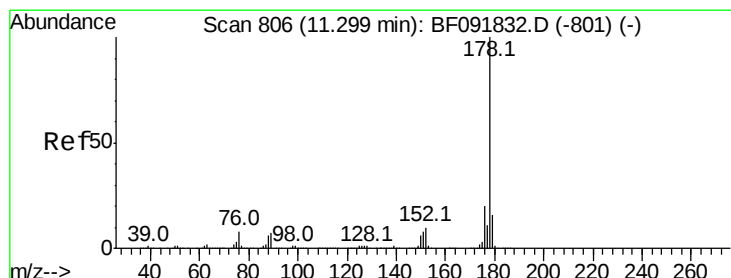
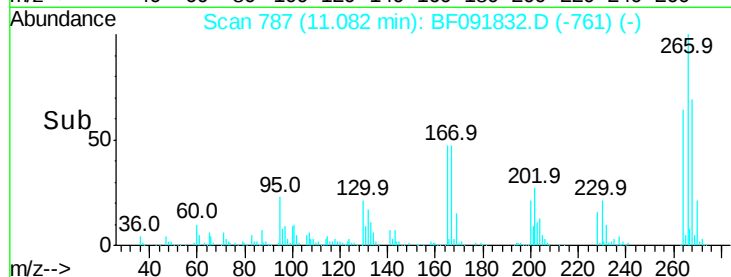
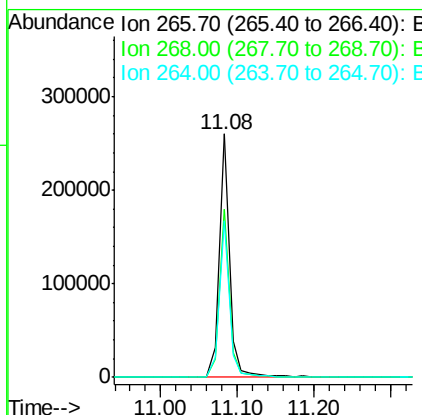
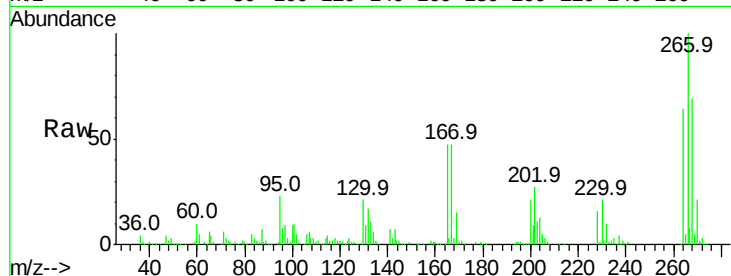
#69
 Pentachlorophenol
 Concen: 41.38 ng
 RT: 11.08 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF091832.D
 Acq: 21 Dec 2016 13:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100	243886		
268	69.1	53.3	79.9	
264	64.1	50.3	75.5	

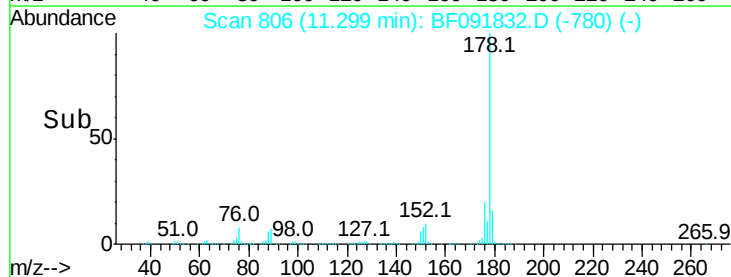
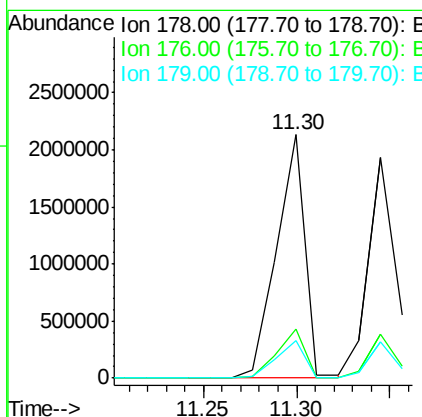
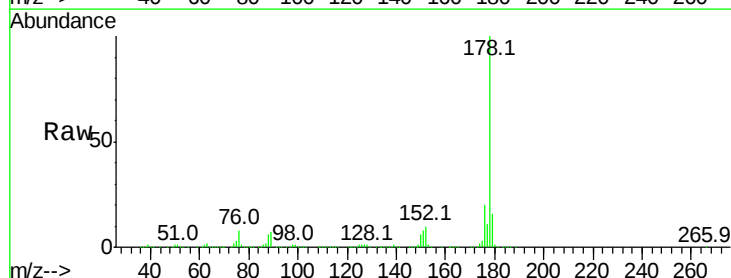
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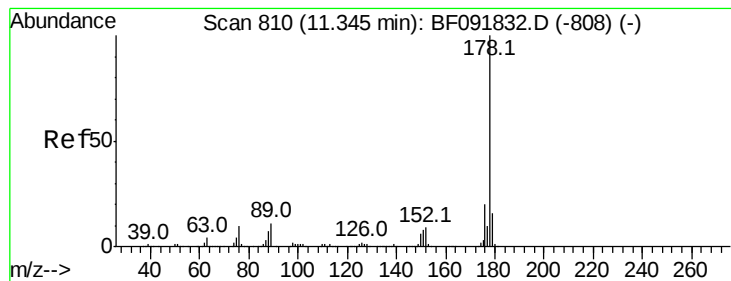
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#70
 Phenanthrene
 Concen: 45.19 ng
 RT: 11.30 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF091832.D
 Acq: 21 Dec 2016 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2244716		
176	20.4	16.6	25.0	
179	15.6	12.8	19.2	





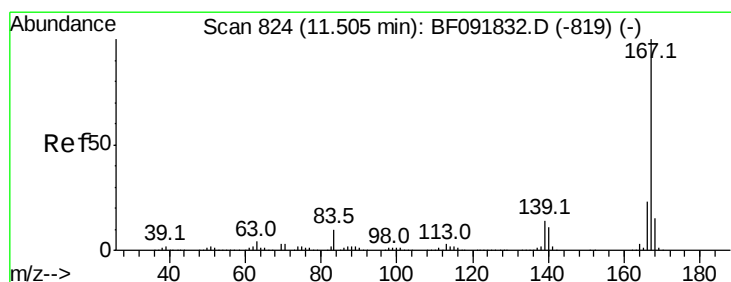
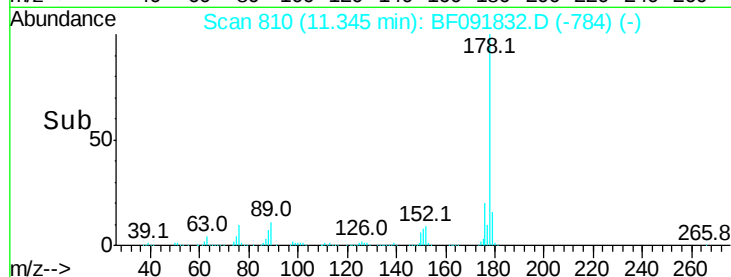
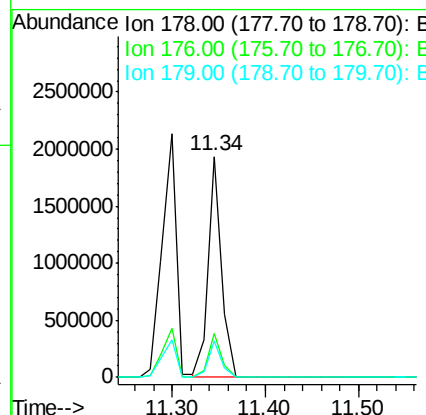
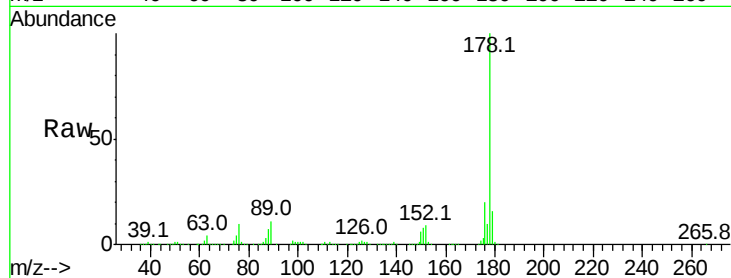
#71
 Anthracene
 Concen: 36.94 ng
 RT: 11.34 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF091832.D
 Acq: 21 Dec 2016 13:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:178 Resp: 1943571
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.9 23.9
 179 16.4 13.2 19.8

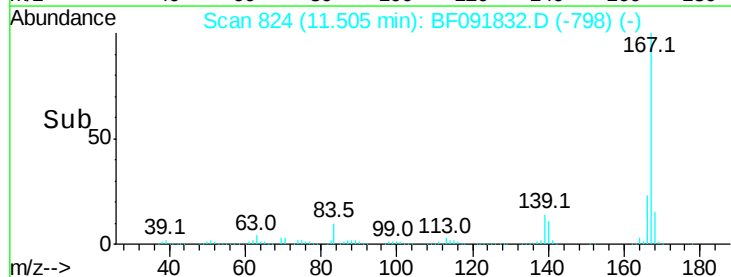
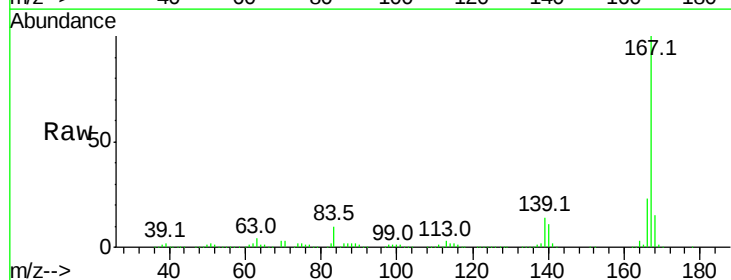
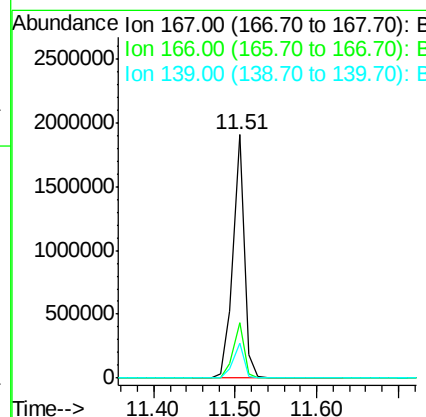
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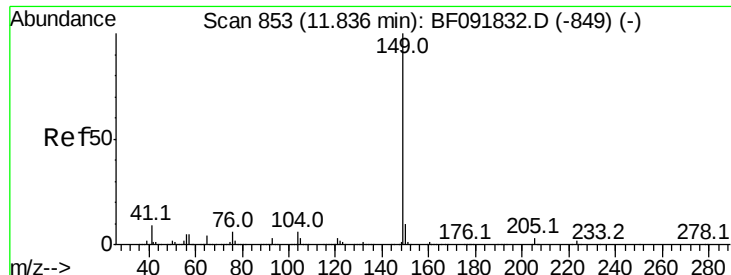
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#72
 Carbazole
 Concen: 39.75 ng
 RT: 11.51 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BF091832.D
 Acq: 21 Dec 2016 13:37

Tgt Ion:167 Resp: 1828544
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.2 27.2
 139 14.5 11.4 17.2





#73

Di-n-butylphthalate

Concen: 36.81 ng

RT: 11.84 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:149 Resp: 2170927

Ion Ratio Lower Upper

149 100

150 10.1 8.1 12.1

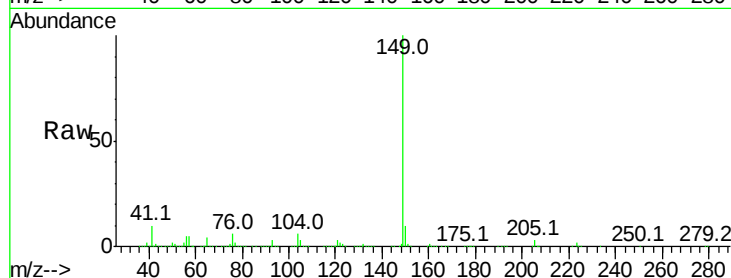
104 5.7 4.6 7.0

Manual Integrations

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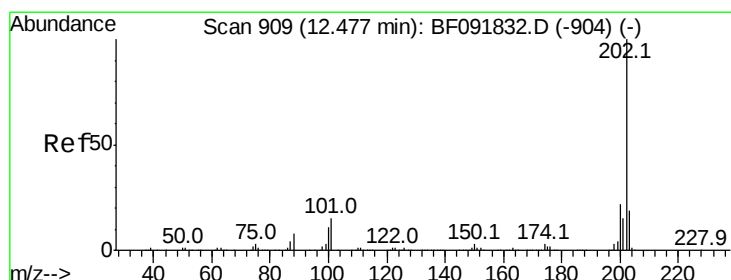
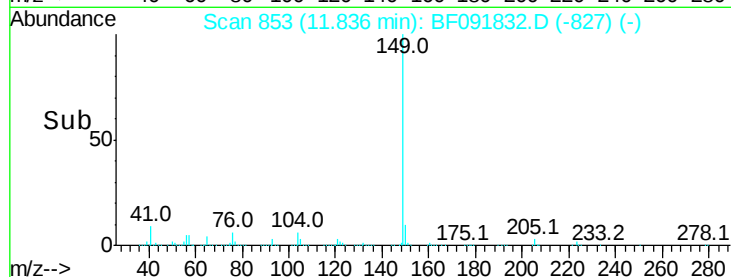
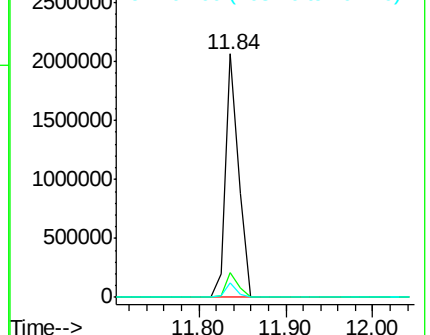
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.23 ng

RT: 12.48 min Scan# 909

Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

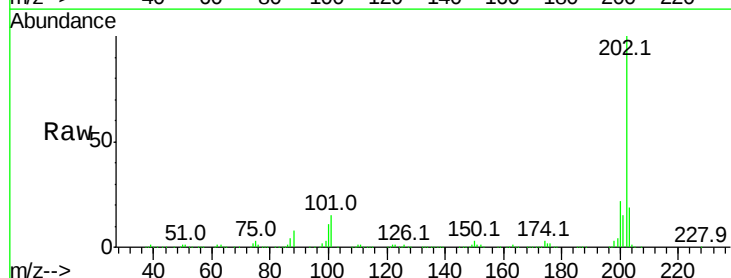
Tgt Ion:202 Resp: 1931624

Ion Ratio Lower Upper

202 100

101 14.7 0.0 34.6

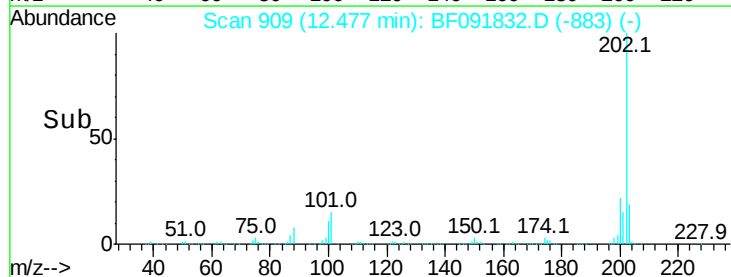
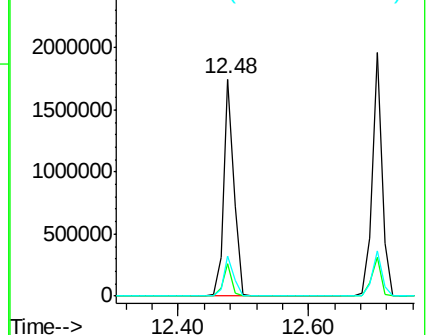
203 18.6 0.0 38.7

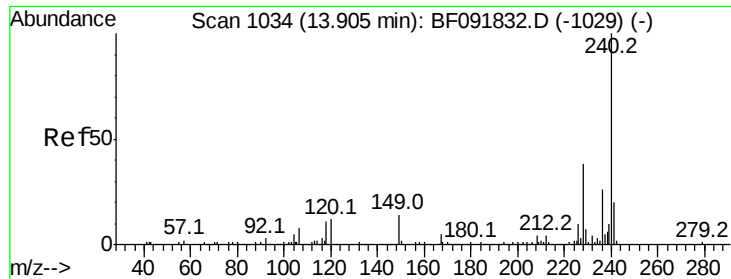


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

Instrument :

BNA_F

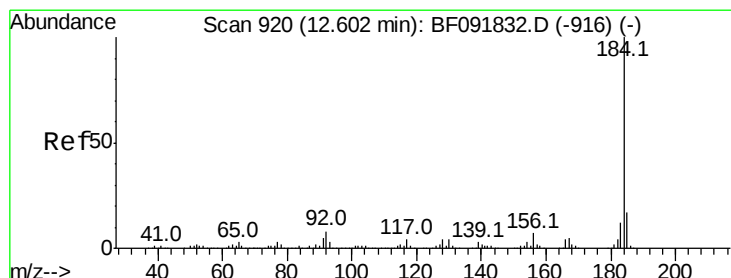
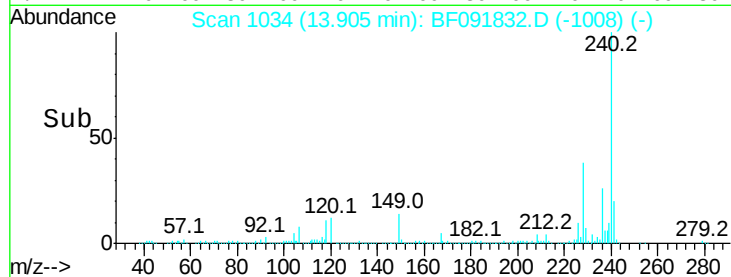
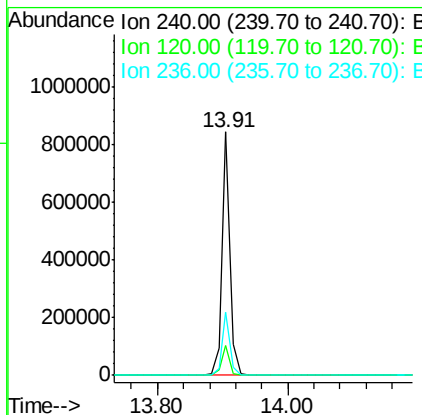
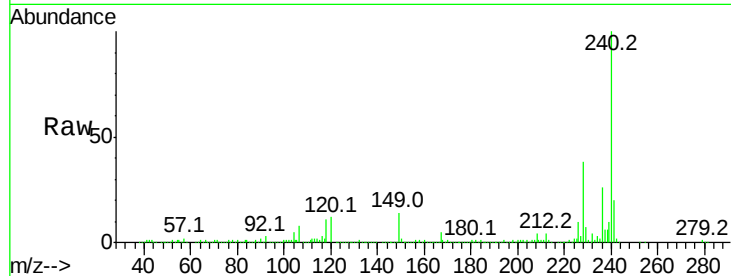
ClientSampleId :

SSTDICCC040

Tot Ion:	240	Resp:	728345
Ion Ratio	Lower	Upper	
240	100		
120	12.4	12.9	19.3#
236	25.8	20.9	31.3

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#76

Benzidine

Concen: 38.25 ng

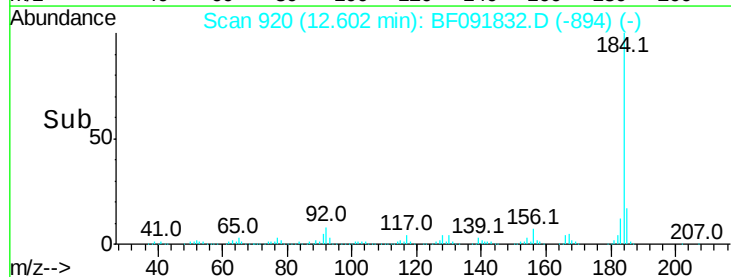
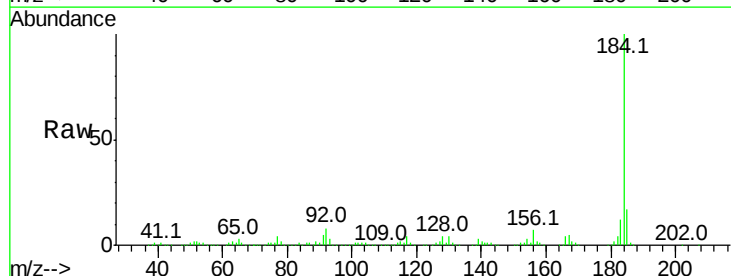
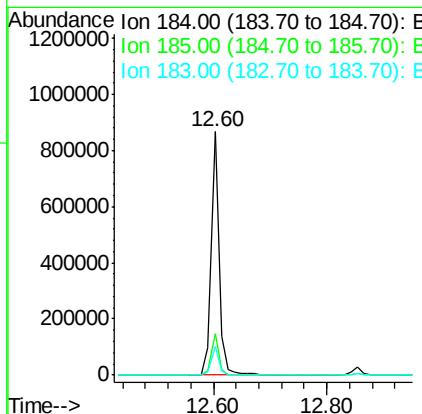
RT: 12.60 min Scan# 920

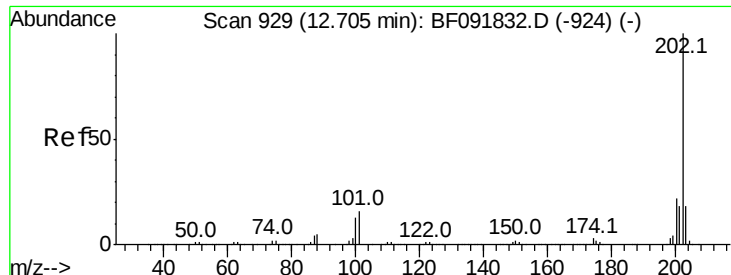
Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

Tgt Ion:	184	Resp:	801944
Ion Ratio	Lower	Upper	
184	100		
185	16.9	13.4	20.0
183	11.5	9.2	13.8





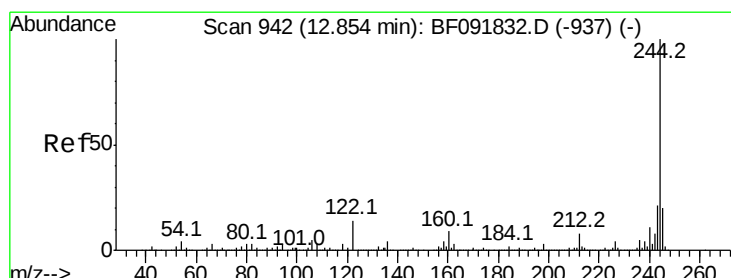
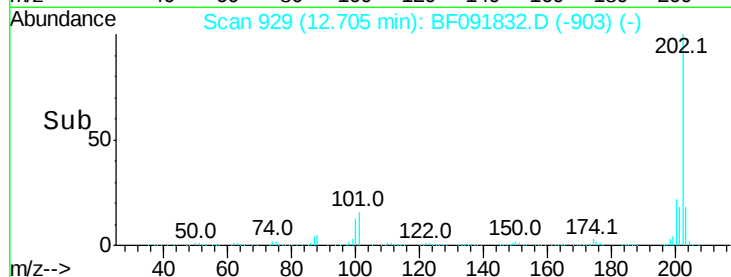
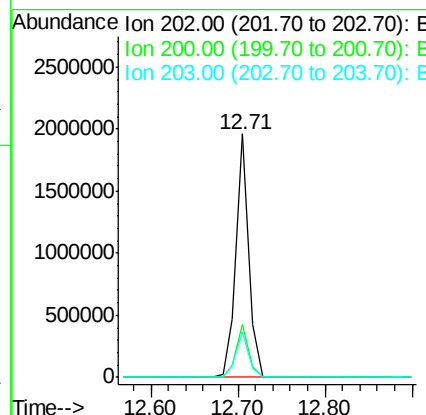
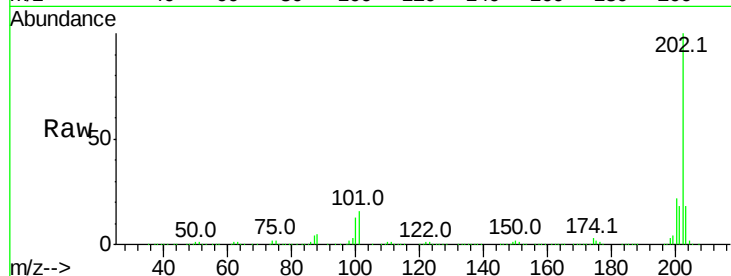
#77
Pvrene
Concen: 37.81 ng
RT: 12.71 min Scan# 929
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.7	26.5
203	18.5	14.7	22.1

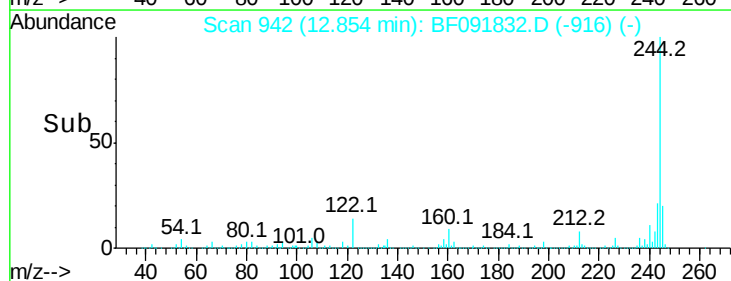
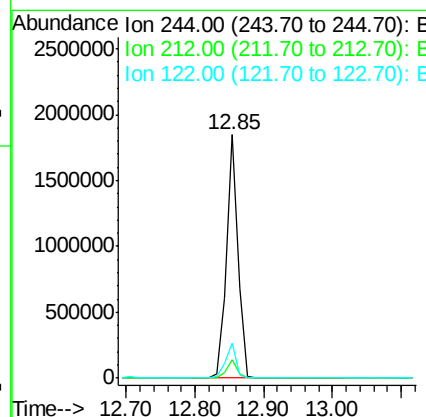
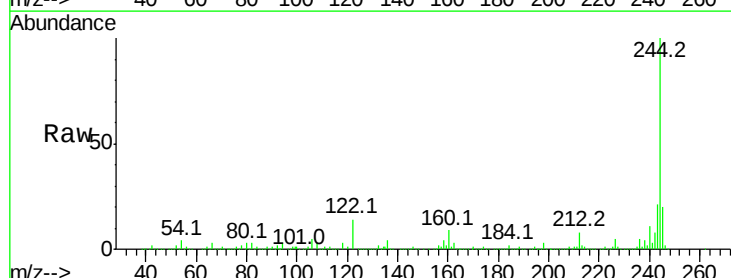
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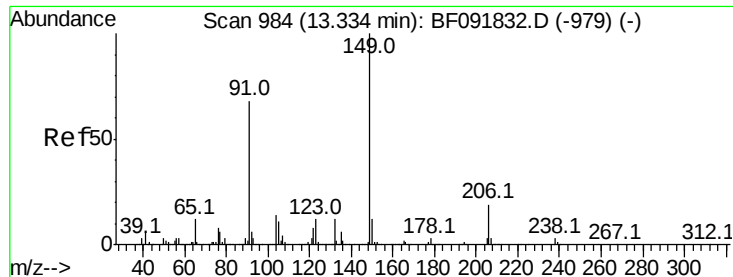
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#78
Terphenyl-d14
Concen: 75.87 ng
RT: 12.85 min Scan# 942
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	14.2	11.4	17.2





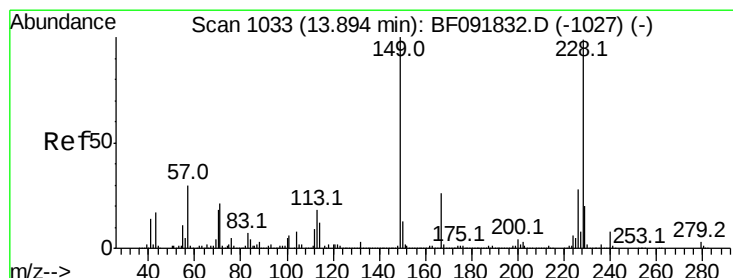
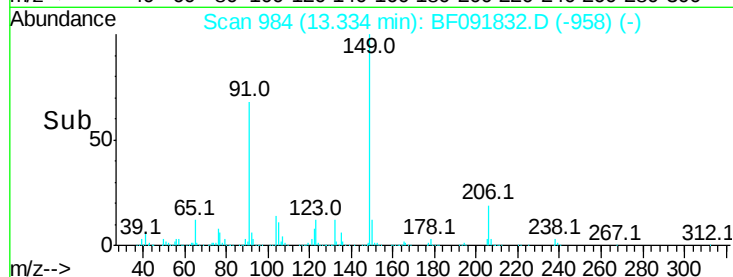
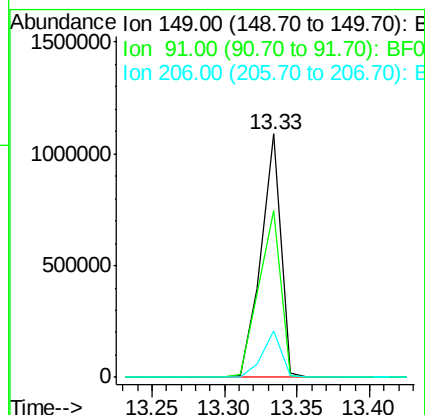
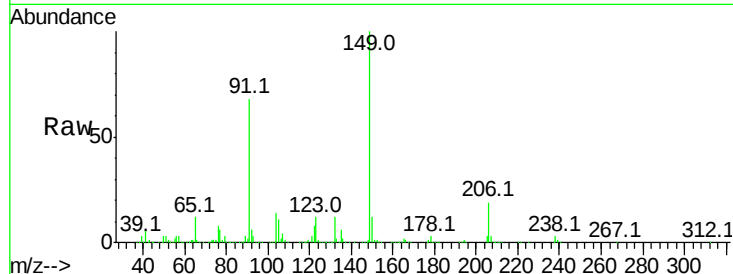
#79
Butylbenzylphthalate
Concen: 42.35 ng
RT: 13.33 min Scan# 984
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	68.5	63.9	95.9
206	19.3	14.6	21.8

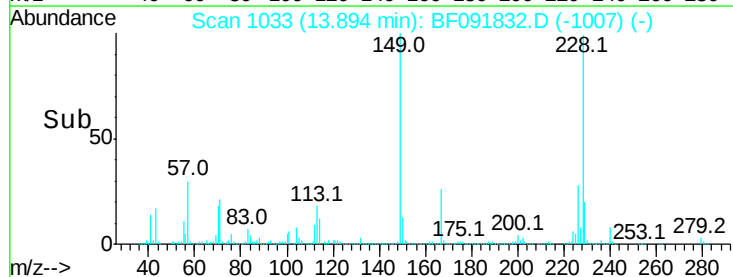
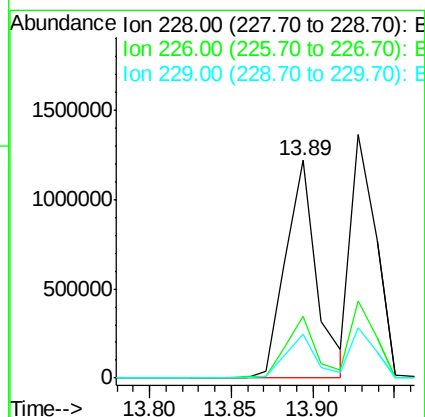
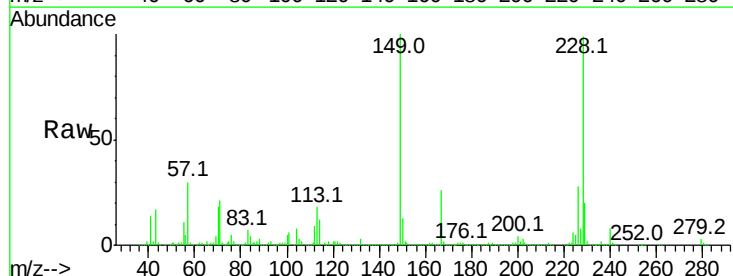
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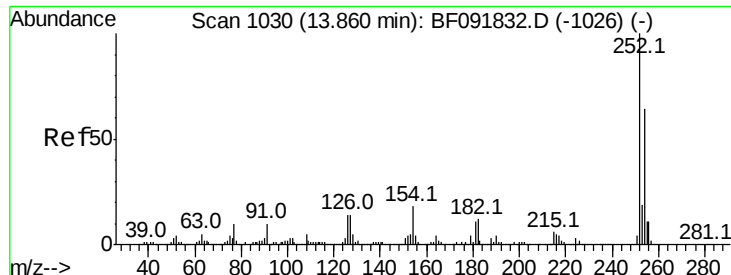
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#80
Benzo(a)anthracene
Concen: 39.06 ng
RT: 13.89 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.4	33.6
229	20.1	16.2	24.4





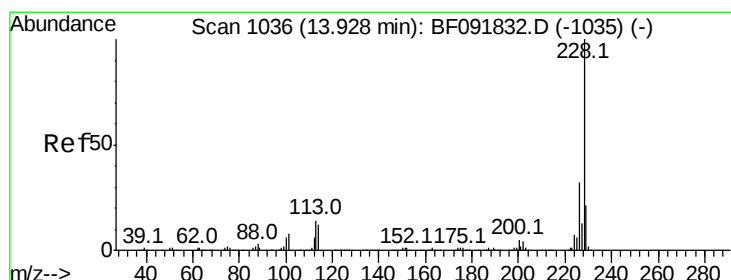
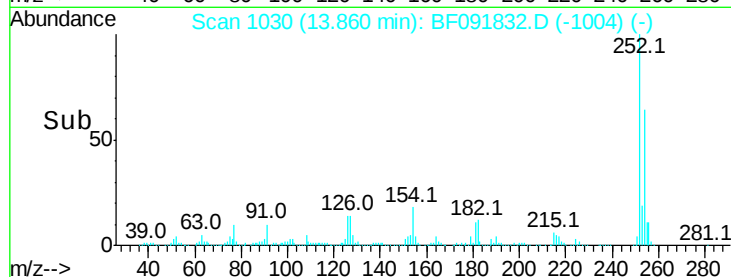
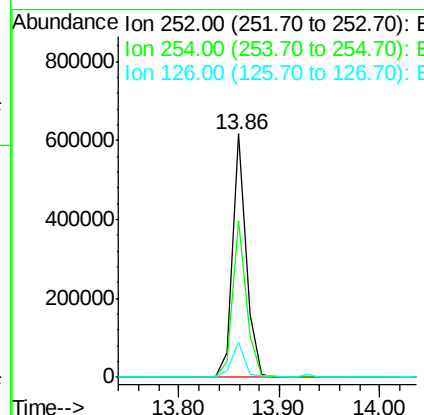
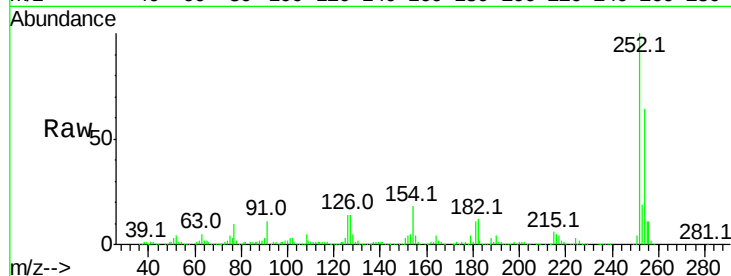
#81
 3,3'-Dichlorobenzidine
 Concen: 35.15 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF091832.D
 Acq: 21 Dec 2016 13:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
254	64.3	52.3	78.5	
126	14.4	13.6	20.4	

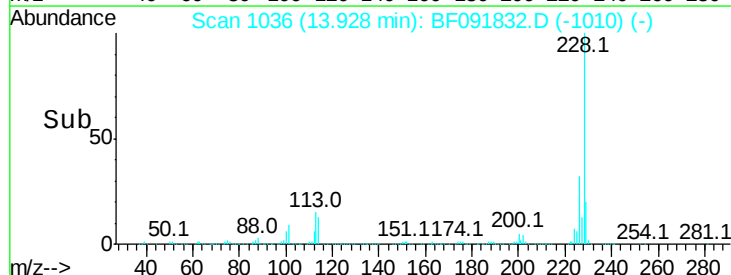
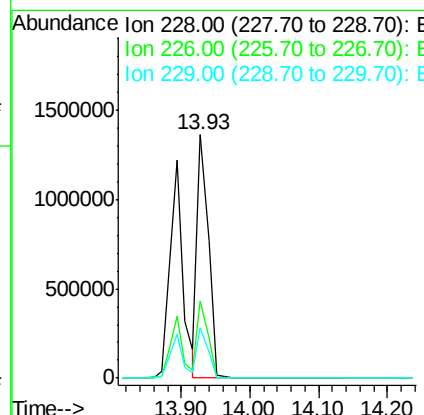
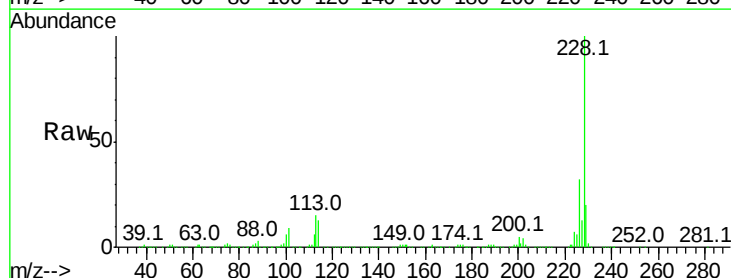
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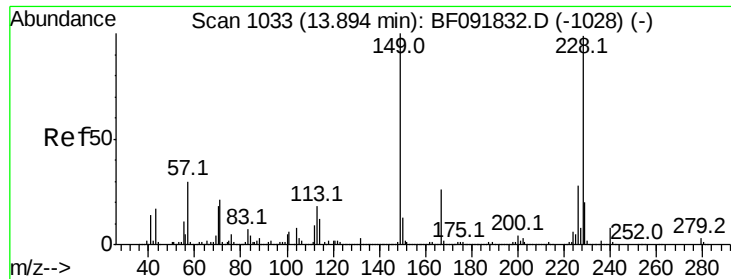
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#82
 Chrysene
 Concen: 34.59 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF091832.D
 Acq: 21 Dec 2016 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	31.6	25.4	38.0	
229	20.5	16.2	24.2	





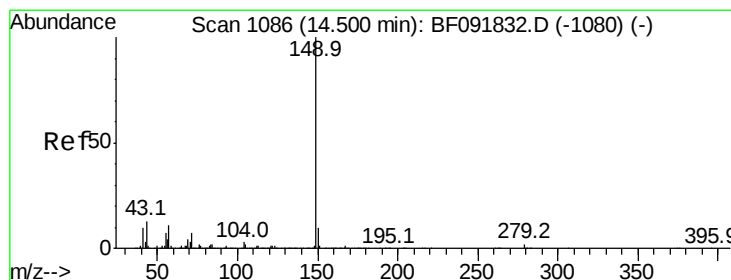
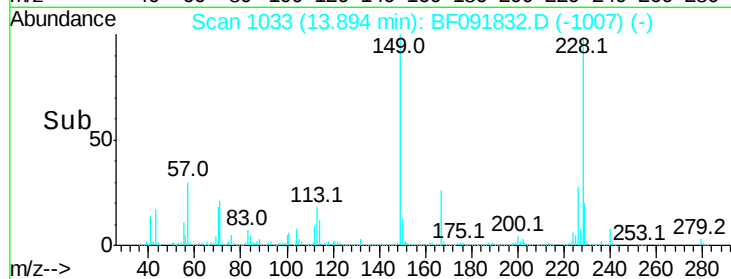
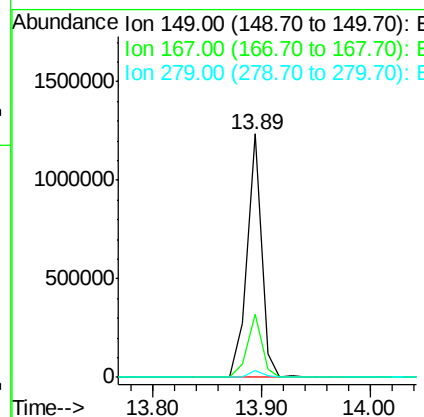
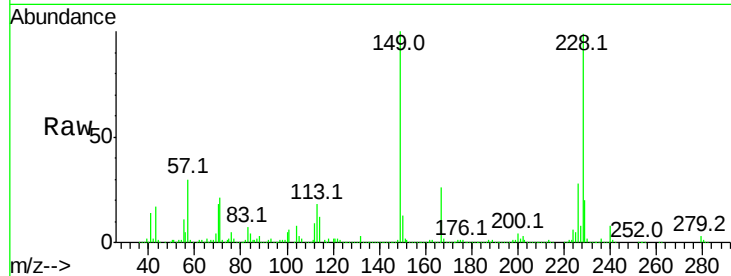
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.38 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BF091832.D
 Acq: 21 Dec 2016 13:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:149 Resp: 1136029
 Ion Ratio Lower Upper
 149 100
 167 25.9 20.2 30.4
 279 2.8 1.8 2.8#

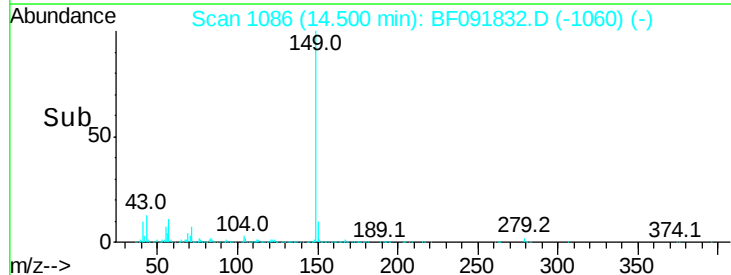
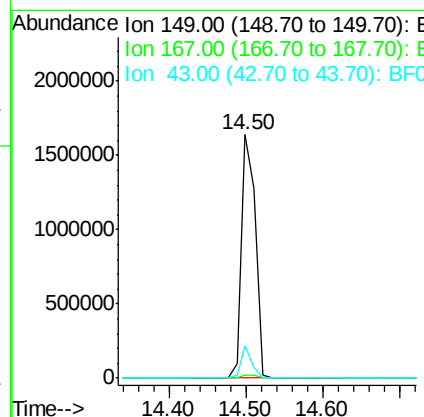
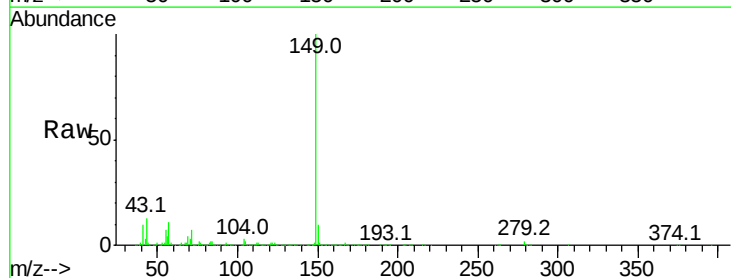
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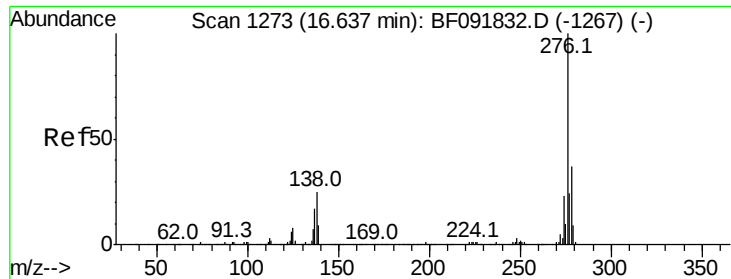
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#84
 Di-n-octyl phthalate
 Concen: 36.46 ng
 RT: 14.50 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: BF091832.D
 Acq: 21 Dec 2016 13:37

Tgt Ion:149 Resp: 2097936
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 10.4 8.9 13.3





#85

Indeno(1,2,3-cd)pyrene

Concen: 32.76 ng

RT: 16.64 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:276 Resp: 1391038

Ion Ratio Lower Upper

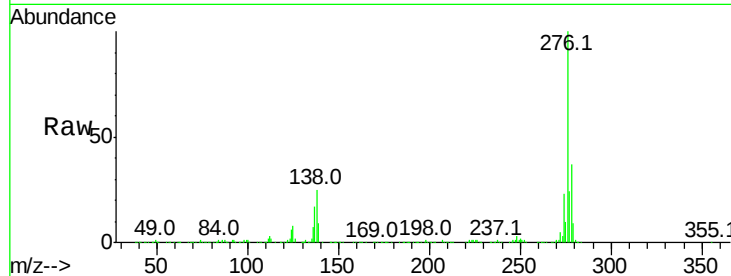
276 100

138 26.8 21.8 32.6

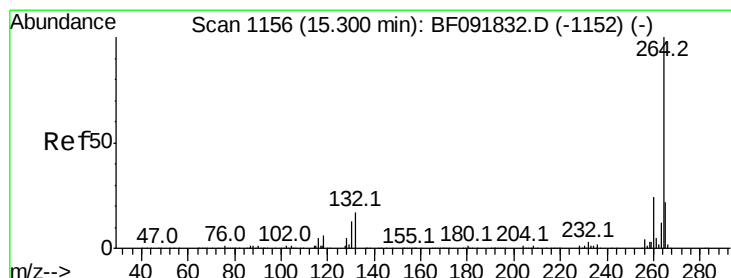
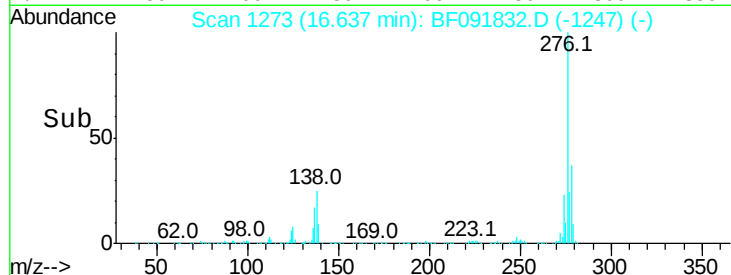
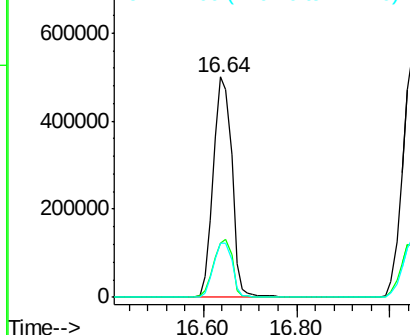
277 25.3 20.2 30.4

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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.30 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

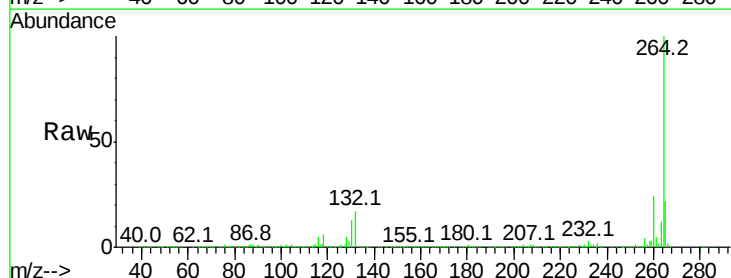
Tgt Ion:264 Resp: 621371

Ion Ratio Lower Upper

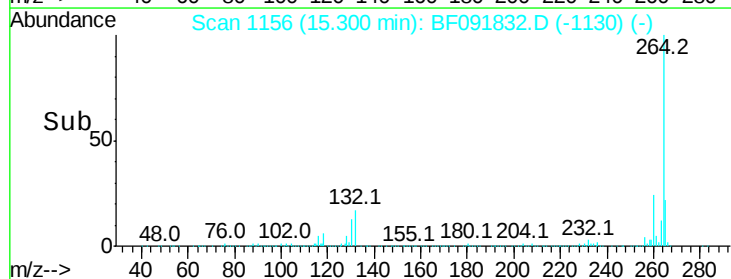
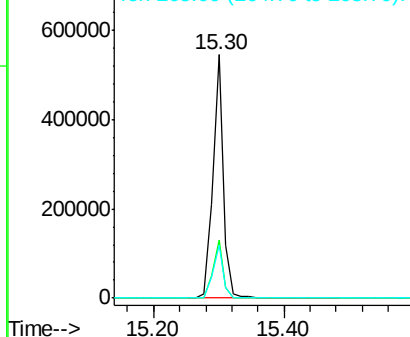
264 100

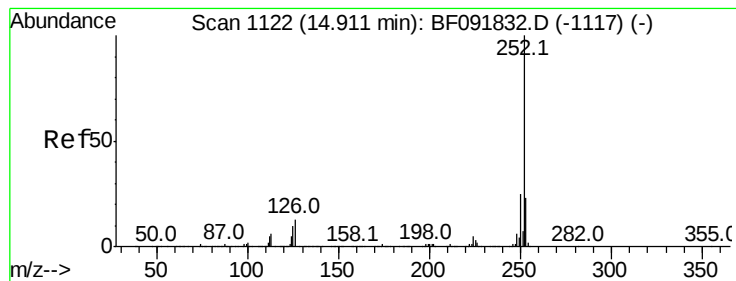
260 24.0 19.2 28.8

265 22.0 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 41.86 ng m

RT: 14.91 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:252 Resp: 1649437

Ion Ratio Lower Upper

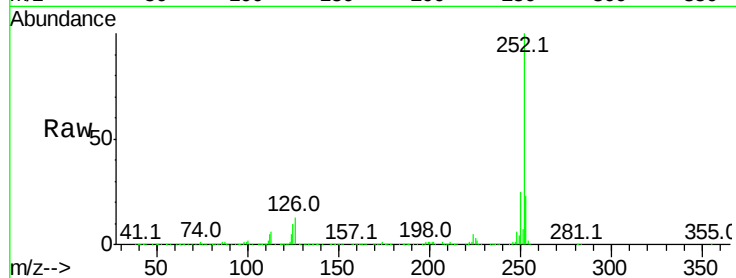
252 100

253 22.7 18.2 27.4

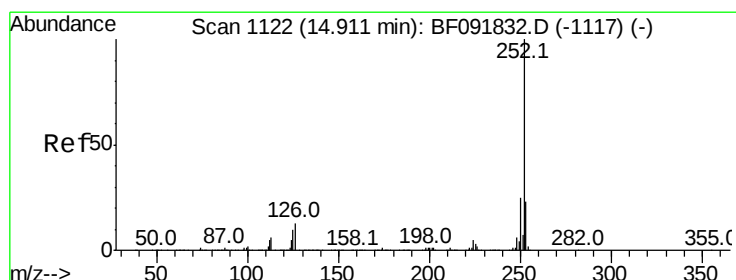
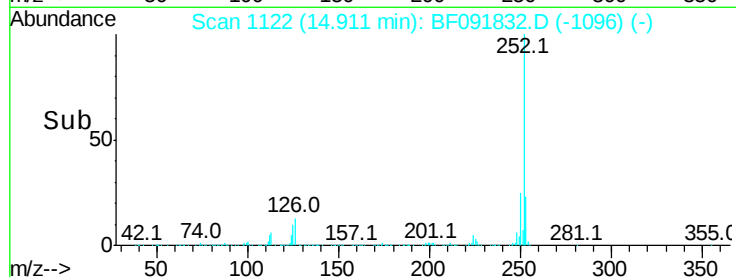
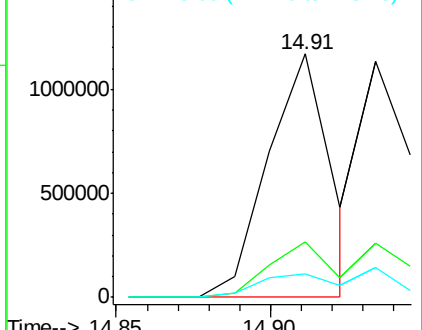
125 9.5 9.8 14.6#

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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: 46.24 ng m

RT: 14.93 min Scan# 1124

Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

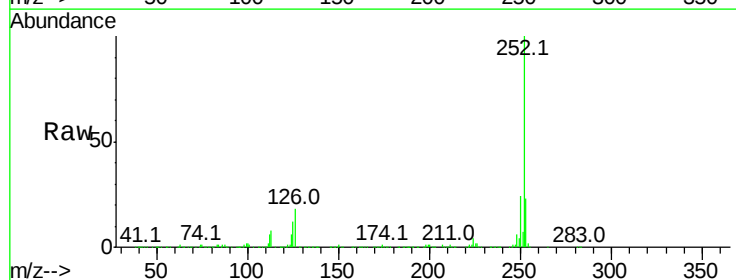
Tgt Ion:252 Resp: 1278485

Ion Ratio Lower Upper

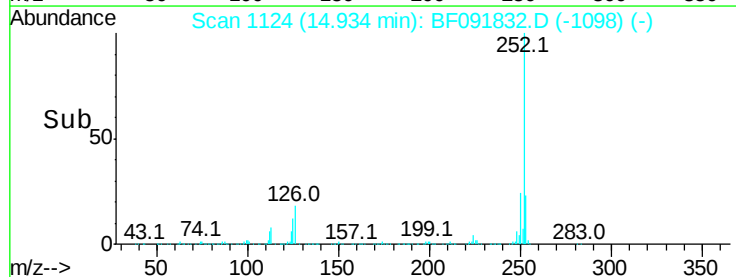
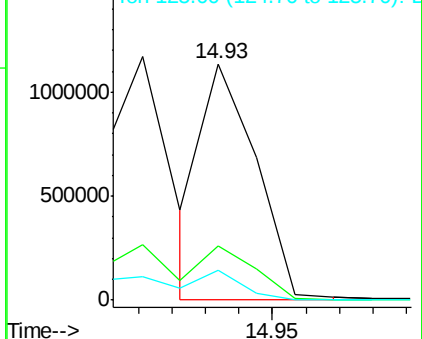
252 100

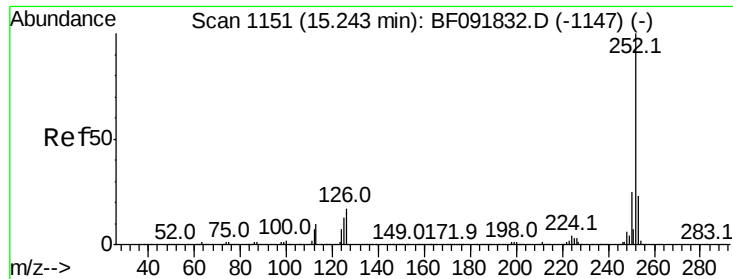
253 22.8 18.5 27.7

125 12.5 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





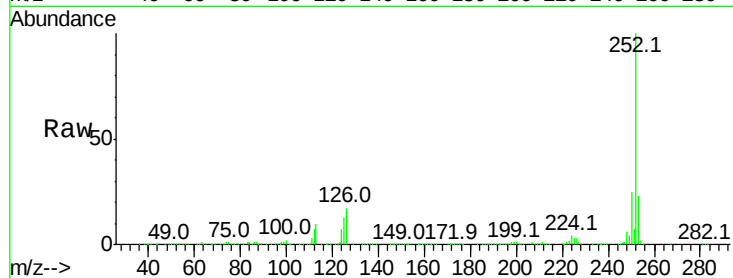
#89
Benzo(a)pyrene
Concen: 41.38 ng
RT: 15.24 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

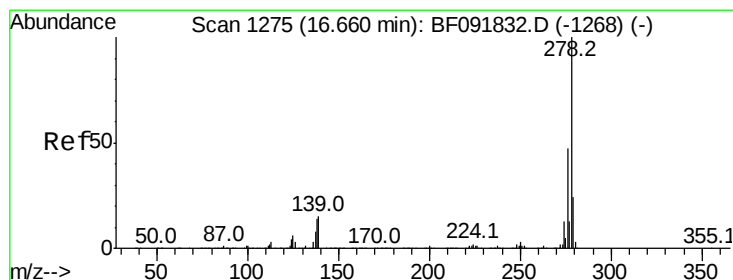
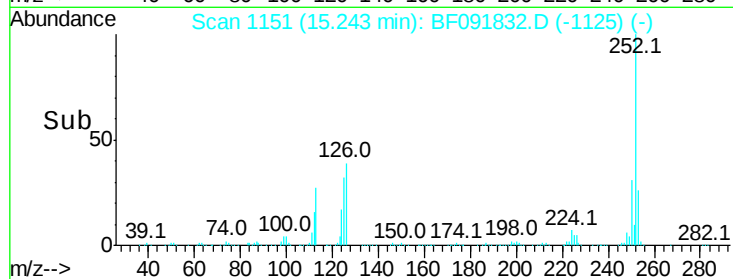
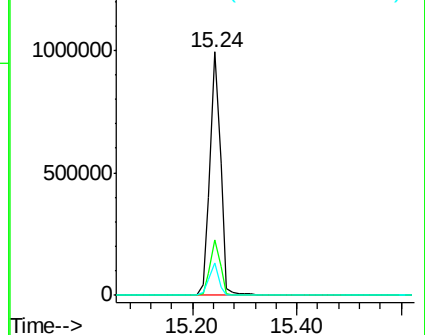
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	13.2	10.0	15.0

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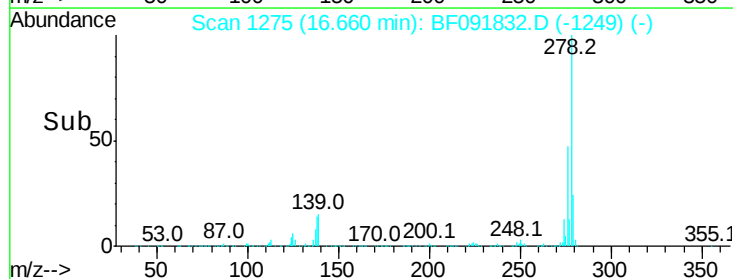
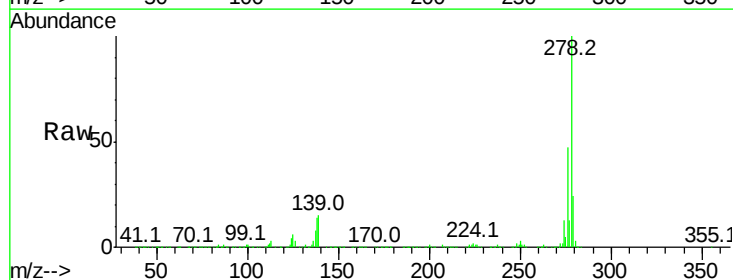
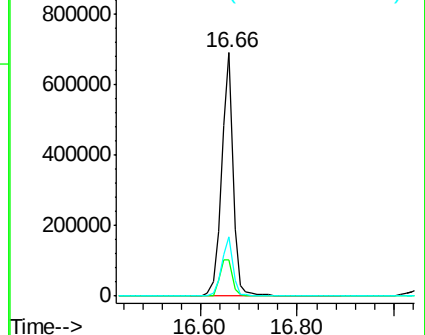
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

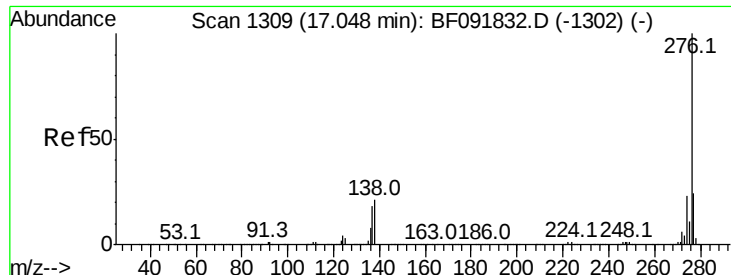


#90
Dibenzo(a,h)anthracene
Concen: 39.11 ng
RT: 16.66 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.7	14.8	22.2#
279	24.3	19.8	29.6

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





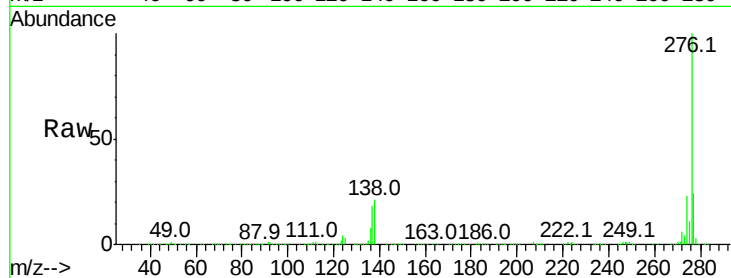
#91
 Benzo(a,h,i)perylene
 Concen: 39.95 ng
 RT: 17.05 min Scan# 1309
 Delta R.T. 0.00 min
 Lab File: BF091832.D
 Acq: 21 Dec 2016 13:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.2	28.8
138	21.3	16.0	24.0

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

