

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
 Data File : BF091833.D
 Acq On : 21 Dec 2016 14:05
 Operator : UM/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

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 12/22/2016 7:08:35 PM

Quant Time: Dec 21 14:36:07 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	278744	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	1138539	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	566168	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	919669	20.00	ng	0.00
75) Chrysene-d12	13.91	240	649626	20.00	ng	0.00
86) Perylene-d12	15.30	264	556739	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1548137	93.05	ng	0.00
7) Phenol-d6	6.41	99	1842634	90.81	ng	0.00
23) Nitrobenzene-d5	7.32	82	1862191	94.32	ng	0.00
41) 2,4,6-Tribromophenol	10.58	330	403255	84.00	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	2573660	91.32	ng	0.00
78) Terphenyl-d14	12.85	244	2375181	92.32	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.29	88	397950	48.57	ng	99
3) Pyridine	2.98	79	1425853	54.02	ng	99
4) n-Nitrosodimethylamine	2.94	42	549247	53.77	ng	100
6) Aniline	6.42	93	1198475	45.90	ng	91
8) 2-Chlorophenol	6.54	128	908477	49.61	ng	89
9) Benzaldehyde	6.29	77	514819	40.91	ng	96
10) Phenol	6.42	94	1035904	45.29	ng	97
11) bis(2-Chloroethyl)ether	6.50	93	922388	50.50	ng	93
12) 1,3-Dichlorobenzene	6.69	146	978274m	48.64	ng	
13) 1,4-Dichlorobenzene	6.77	146	987871	48.55	ng	93
14) 1,2-Dichlorobenzene	6.92	146	793458	44.51	ng	97
15) Benzyl Alcohol	6.91	79	762120	48.51	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.04	45	1298968	46.54	ng	83
17) 2-Methylphenol	7.02	107	699981	45.74	ng	95
18) Hexachloroethane	7.26	117	378010	50.00	ng	95
19) n-Nitroso-di-n-propylamine	7.18	70	611219	45.29	ng	96
20) 3+4-Methylphenols	7.18	107	873233	51.15	ng	# 76
22) Acetophenone	7.17	105	1265827	46.05	ng	98
24) Nitrobenzene	7.34	77	1045177	49.30	ng	95
25) Isophorone	7.58	82	1719552	45.65	ng	96
26) 2-Nitrophenol	7.65	139	476566	46.60	ng	94
27) 2,4-Dimethylphenol	7.71	122	859970	51.54	ng	96
28) bis(2-Chloroethoxy)methane	7.80	93	1085025	49.23	ng	99
29) 2,4-Dichlorophenol	7.90	162	683726	44.43	ng	90
30) 1,2,4-Trichlorobenzene	7.98	180	793448	47.58	ng	96
31) Naphthalene	8.06	128	2590314	47.62	ng	99
32) Benzoic acid	7.87	122	694436	58.40	ng	95
33) 4-Chloroaniline	8.12	127	1109134	48.41	ng	# 92
34) Hexachlorobutadiene	8.18	225	409042	43.62	ng	99
35) Caprolactam	8.51	113	238539	48.18	ng	# 75
36) 4-Chloro-3-methylphenol	8.61	107	846633	49.87	ng	95
37) 2-Methylnaphthalene	8.75	142	1487266	43.37	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	702618	49.79	ng	98
40) Hexachlorocyclopentadiene	8.91	237	303877	50.80	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	495215	49.11	nq	98
43) 2,4,5-Trichlorophenol	9.08	196	500476	50.52	nq #	91
45) 1,1'-Biphenyl	9.22	154	1961556	48.34	nq	99
46) 2-Chloronaphthalene	9.24	162	1498022	49.40	nq	96
47) 2-Nitroaniline	9.34	65	576601	55.69	nq #	81
48) Acenaphthylene	9.65	152	2105308	44.81	nq	100
49) Dimethylphthalate	9.53	163	1678614	45.39	nq	99
50) 2,6-Dinitrotoluene	9.58	165	348136	42.93	nq #	71
51) Acenaphthene	9.82	154	1445008	44.81	nq	99
52) 3-Nitroaniline	9.76	138	475509	47.10	nq	97
53) 2,4-Dinitrophenol	9.86	184	227412	51.92	nq #	63
54) Dibenzofuran	10.00	168	1745505	45.52	nq	97
55) 4-Nitrophenol	9.93	139	314375	44.84	nq	99
56) 2,4-Dinitrotoluene	9.98	165	458479	45.26	nq #	84
57) Fluorene	10.34	166	1424115	47.81	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.12	232	406415	49.62	nq	99
59) Diethylphthalate	10.22	149	1744683	47.99	nq	97
60) 4-Chlorophenyl-phenylether	10.33	204	617508	45.51	nq	97
61) 4-Nitroaniline	10.37	138	512377	53.57	nq	97
62) Azobenzene	10.49	77	1737734	44.93	nq	98
64) 4,6-Dinitro-2-methylphenol	10.40	198	272780	44.97	nq #	44
65) n-Nitrosodiphenylamine	10.45	169	1263738	44.25	nq	99
66) 4-Bromophenyl-phenylether	10.82	248	427971	44.38	nq	98
67) Hexachlorobenzene	10.89	284	489594	48.45	nq	97
68) Atrazine	10.99	200	397984	46.12	nq	94
69) Pentachlorophenol	11.08	266	257384	47.20	nq	99
70) Phenanthrene	11.30	178	2353947	51.22	nq	99
71) Anthracene	11.34	178	2052125	42.16	nq	100
72) Carbazole	11.50	167	1925688	45.24	nq	100
73) Di-n-butylphthalate	11.84	149	2270654	41.61	nq	100
74) Fluoranthene	12.48	202	2087961	43.50	nq	100
76) Benzidine	12.60	184	796966	42.62	nq	98
77) Pyrene	12.70	202	2103725	44.84	nq	100
79) Butylbenzylphthalate	13.33	149	1055801	48.08	nq	92
80) Benzo(a)anthracene	13.89	228	1700538	45.76	nq	100
81) 3,3'-Dichlorobenzidine	13.86	252	598214	40.23	nq	98
82) Chrysene	13.93	228	1649983	42.84	nq	99
83) Bis(2-ethylhexyl)phthalate	13.89	149	1176349	42.23	nq #	98
84) Di-n-octyl phthalate	14.50	149	2157398	42.03	nq	99
85) Indeno(1,2,3-cd)pyrene	16.65	276	1460425	38.56	nq	100
87) Benzo(b)fluoranthene	14.91	252	1672950m	47.39	nq	
88) Benzo(k)fluoranthene	14.93	252	1358946m	54.86	nq	
89) Benzo(a)pyrene	15.24	252	1452606	47.94	nq	99
90) Dibenzo(a,h)anthracene	16.66	278	1203657	45.57	nq	98
91) Benzo(g,h,i)perylene	17.05	276	1262693	47.04	nq	98

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

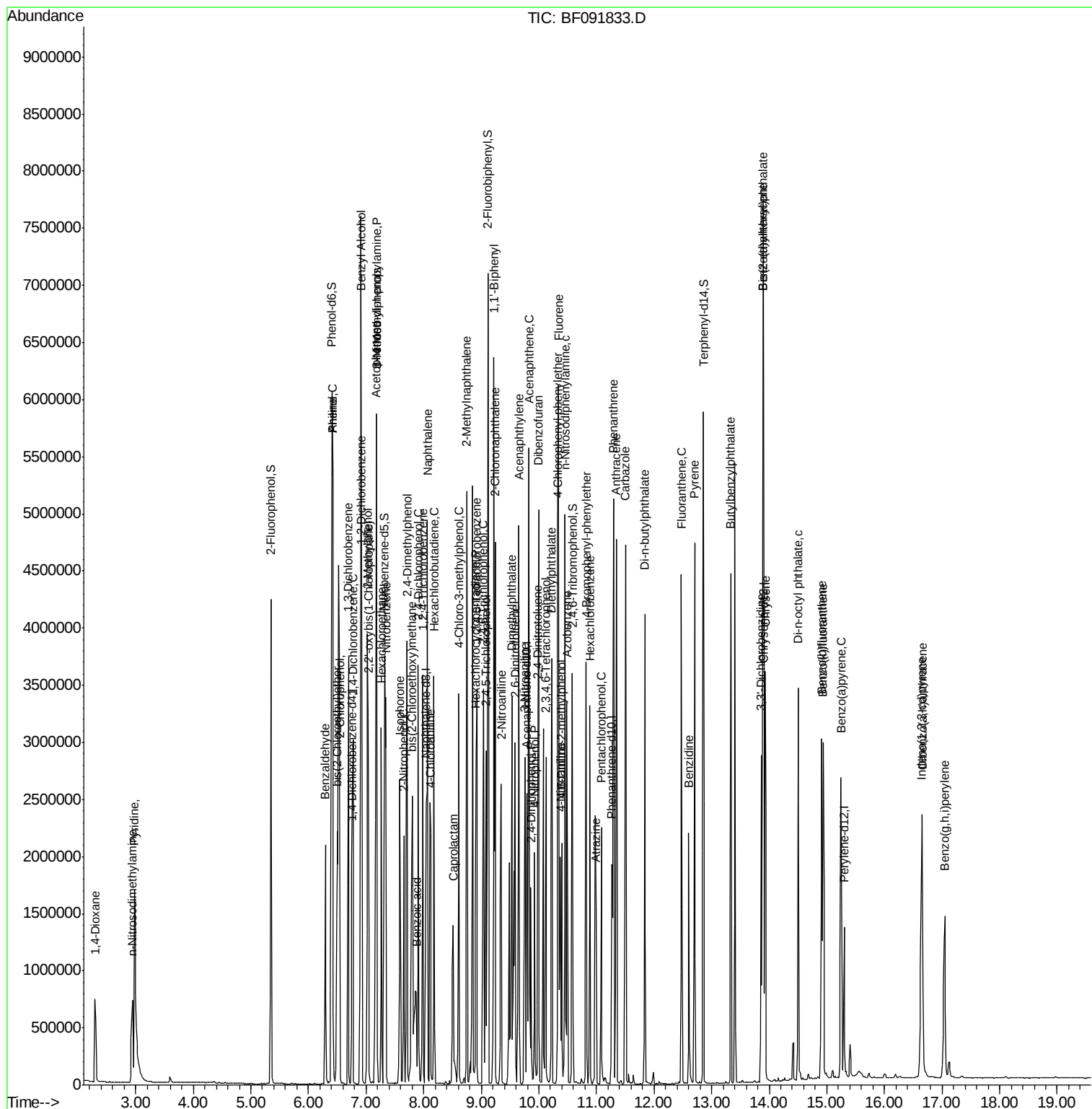
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
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Misc :
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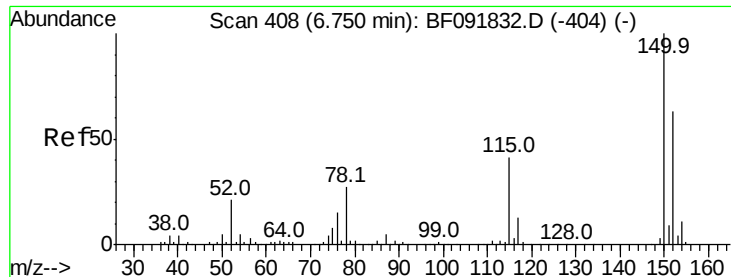
Instrument :
BNA_F
Client Sample ID :
SSTDIC050

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

Instrument :

BNA_F

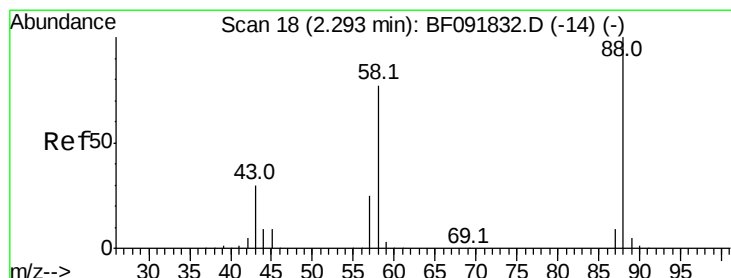
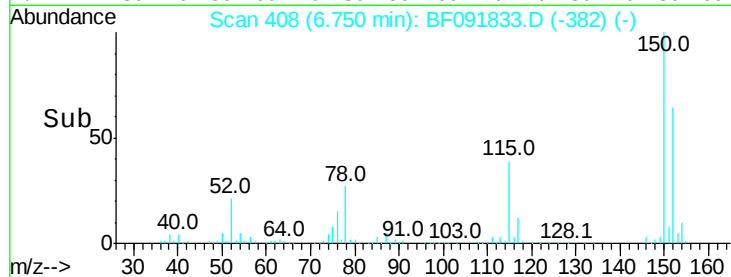
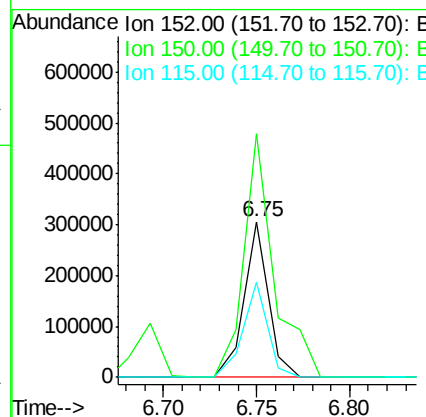
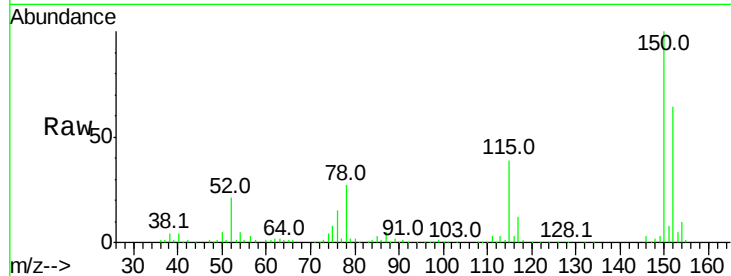
ClientSampleId :

SSTDIC050

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.9	187.3
115	61.3	46.0	69.0

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#2

1,4-Dioxane

Concen: 48.57 ng

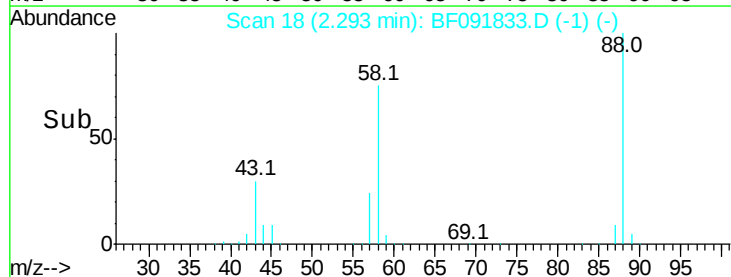
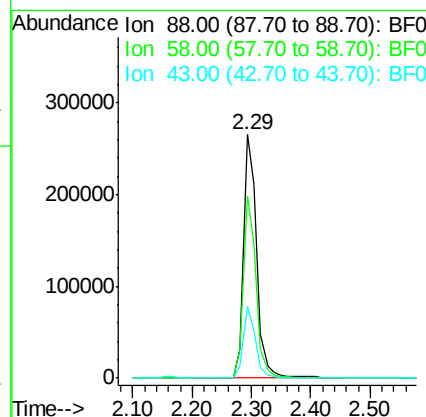
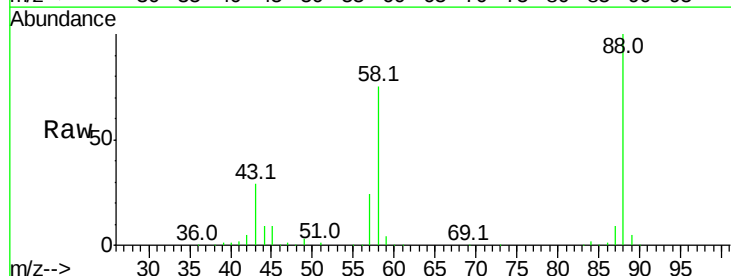
RT: 2.29 min Scan# 18

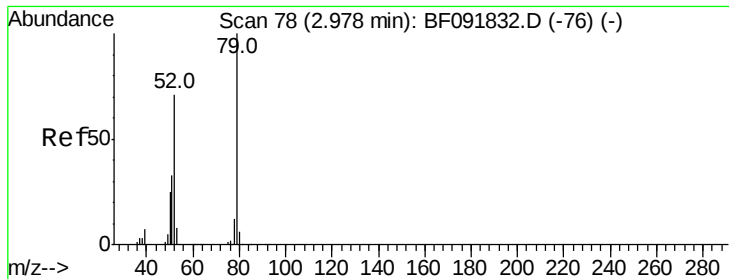
Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.1	57.8	86.8
43	28.4	22.3	33.5





#3

Pvridine

Concen: 54.02 ng

RT: 2.98 min Scan# 78

Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion: 79 Resp: 1425853

Ion Ratio Lower Upper

79 100

52 70.3 57.1 85.7

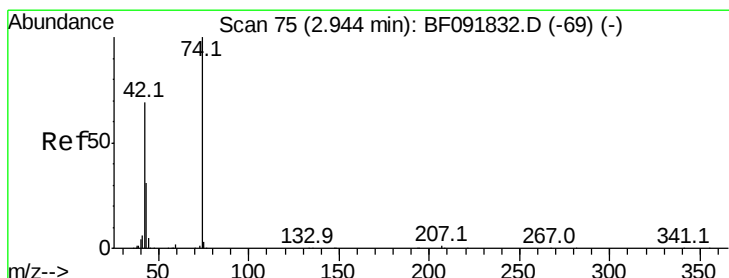
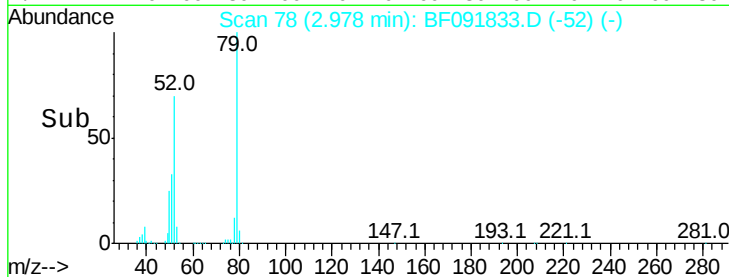
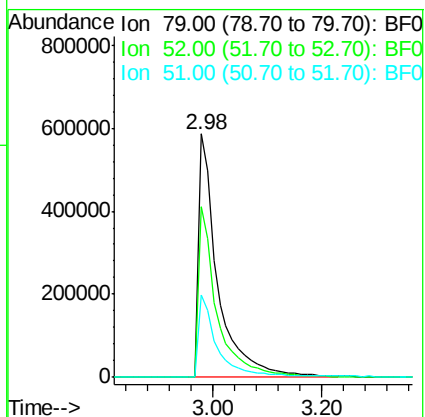
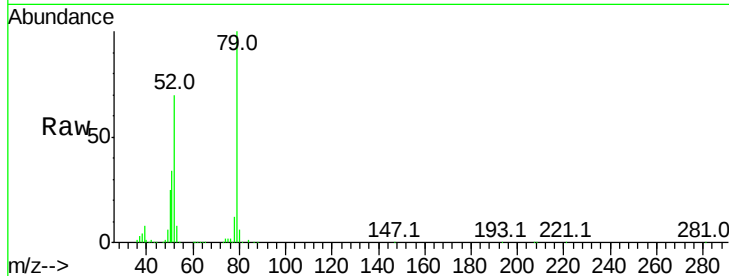
51 33.6 27.3 40.9

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#4

n-Nitrosodimethylamine

Concen: 53.77 ng

RT: 2.94 min Scan# 75

Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

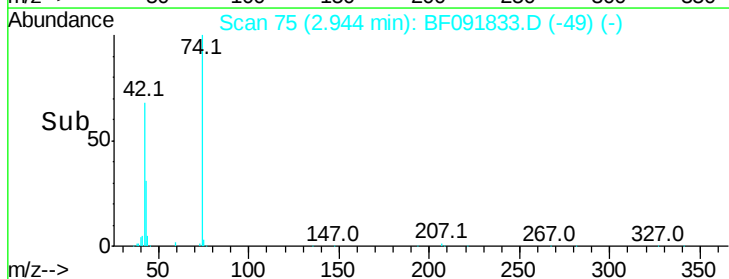
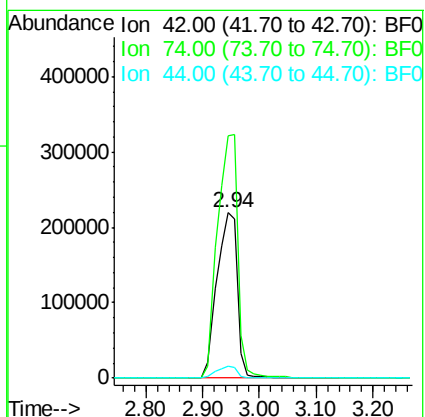
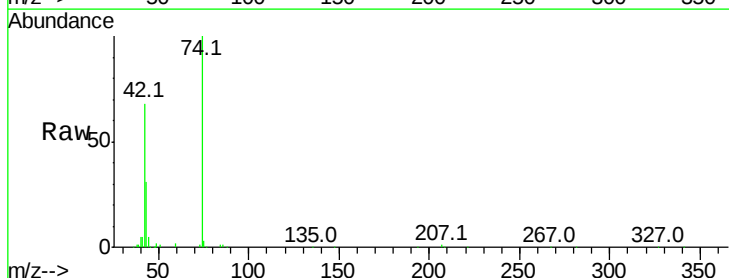
Tgt Ion: 42 Resp: 549247

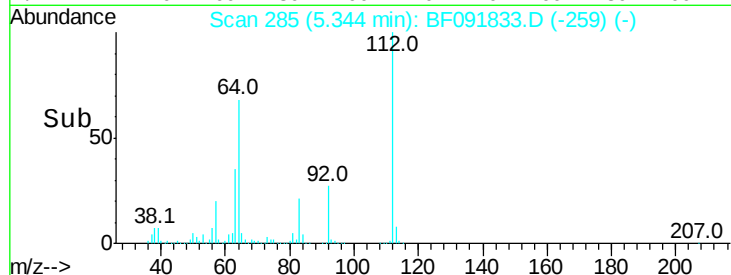
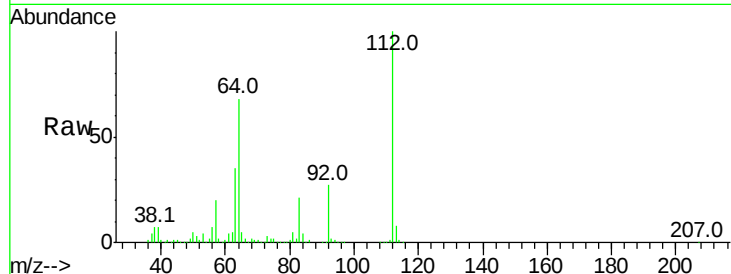
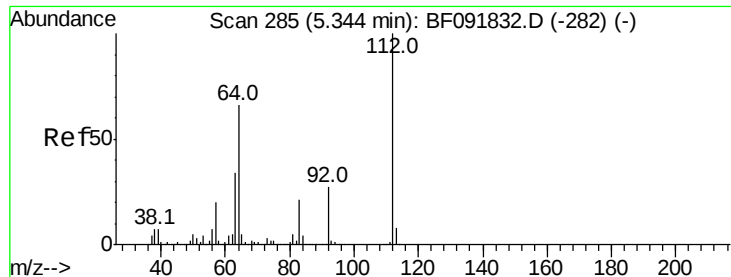
Ion Ratio Lower Upper

42 100

74 146.6 117.0 175.4

44 6.9 5.5 8.3





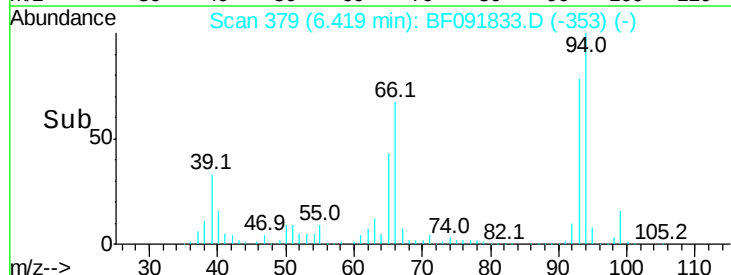
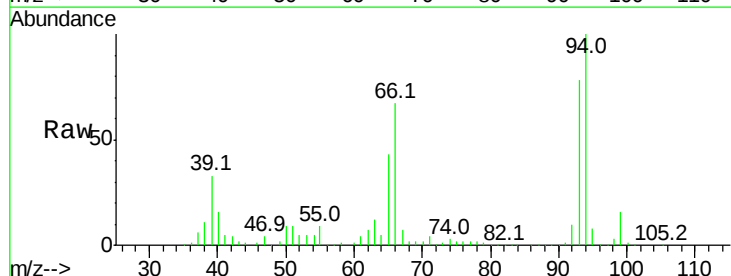
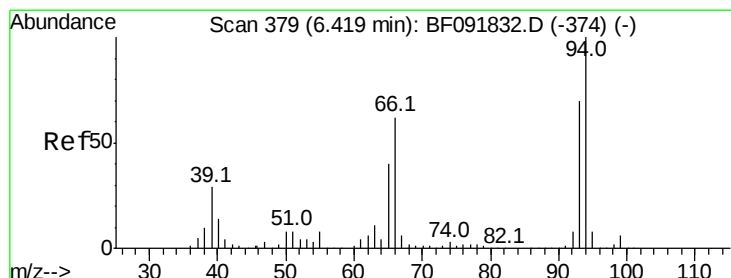
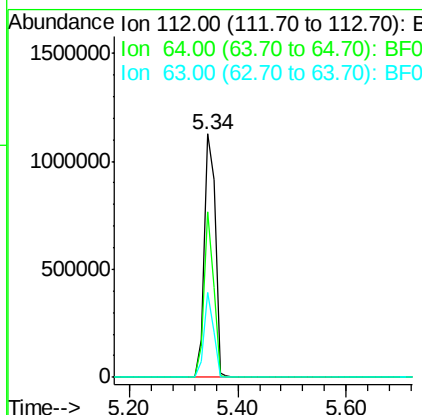
#5
2-Fluorophenol
Concen: 93.05 ng
RT: 5.34 min Scan# 285
Delta R.T. -0.00 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

Tot Ion: 112 Resp: 1548137
Ion Ratio Lower Upper
112 100
64 67.9 46.1 69.1
63 34.7 23.8 35.6

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BNA_F
ClientSampleId :
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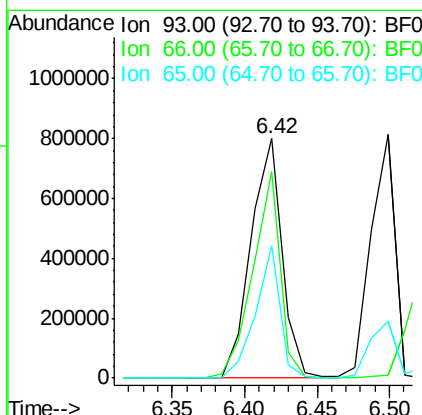
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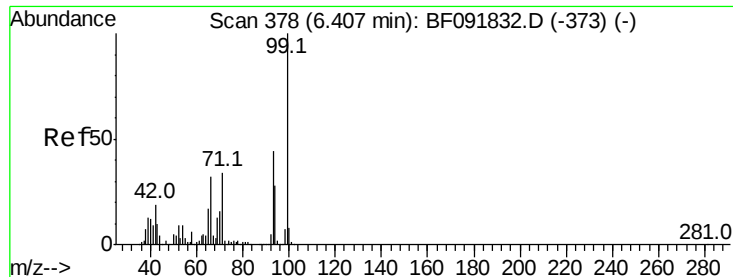
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#6
Aniline
Concen: 45.90 ng
RT: 6.42 min Scan# 379
Delta R.T. -0.00 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

Tgt Ion: 93 Resp: 1198475
Ion Ratio Lower Upper
93 100
66 86.1 76.2 114.2
65 55.4 49.3 73.9





#7

Phenol-d6

Concen: 90.81 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 99 Resp: 1842634

Ion Ratio Lower Upper

99 100

42 20.0 15.6 23.4

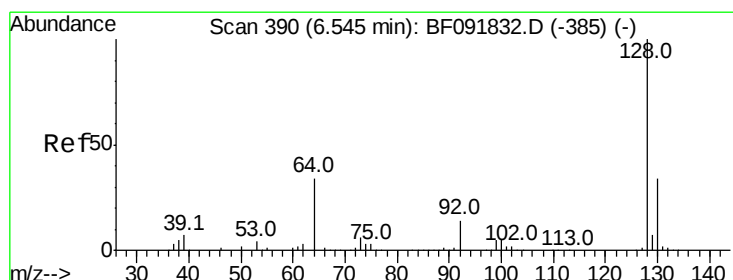
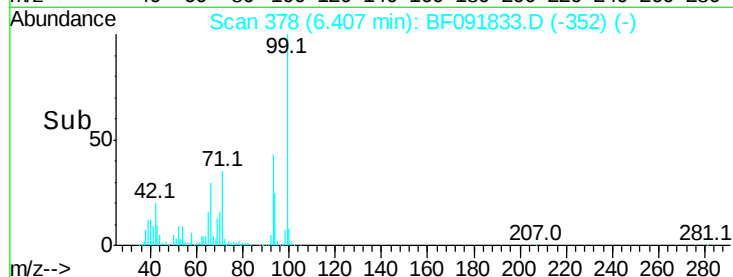
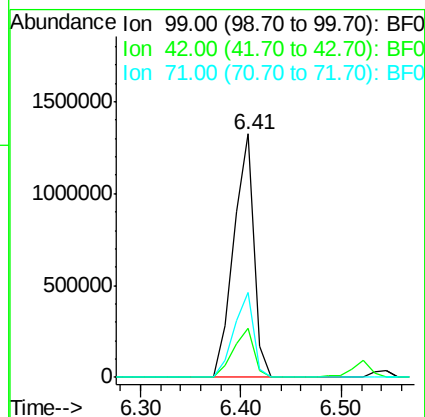
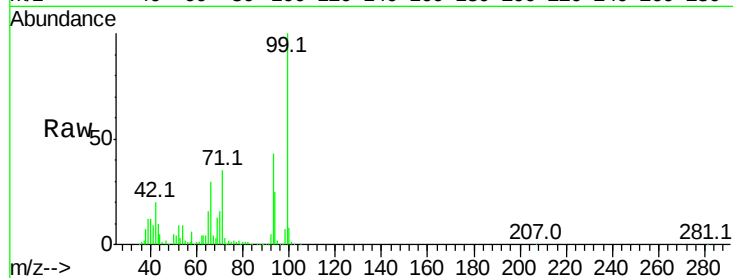
71 34.7 27.5 41.3

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#8

2-Chlorophenol

Concen: 49.61 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

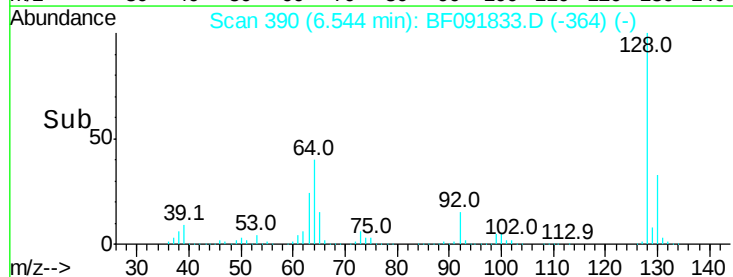
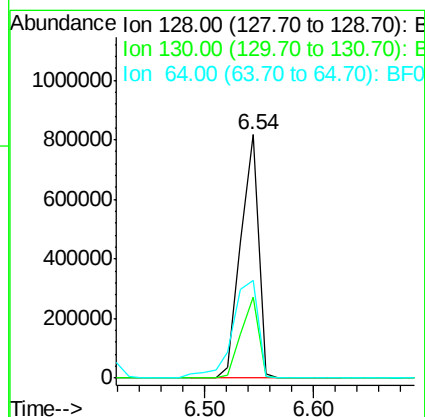
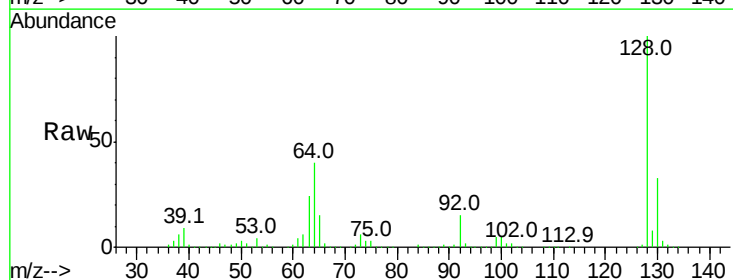
Tgt Ion: 128 Resp: 908477

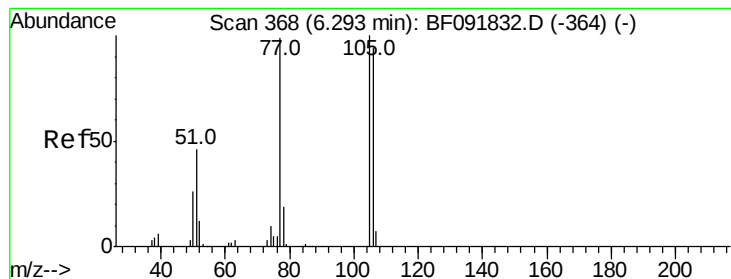
Ion Ratio Lower Upper

128 100

130 33.2 12.3 52.3

64 39.9 32.2 72.2





#9

Benzaldehyde

Concen: 40.91 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.00 min

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Instrument :

BNA_F

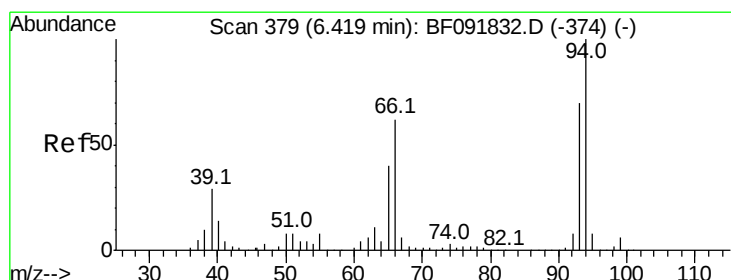
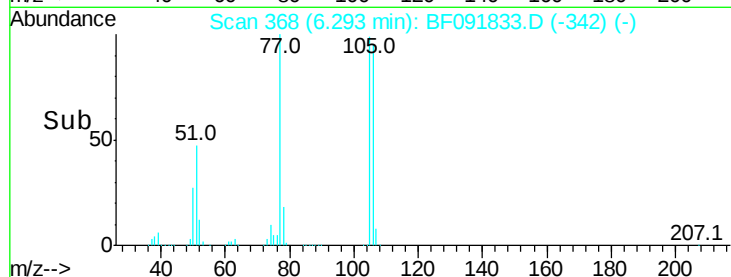
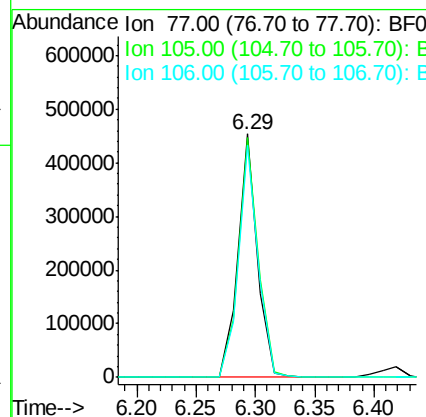
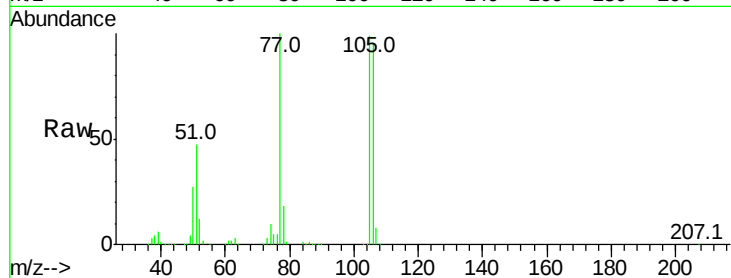
ClientSampleId :

SSTDICC050

Tot Ion	Ratio	Lower	Upper
77	100		
105	98.5	83.9	123.9
106	95.3	77.6	117.6

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#10

Phenol

Concen: 45.29 ng

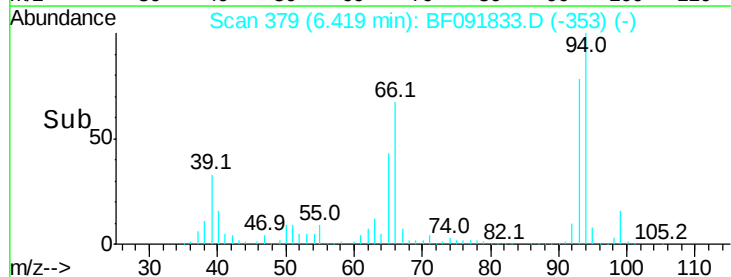
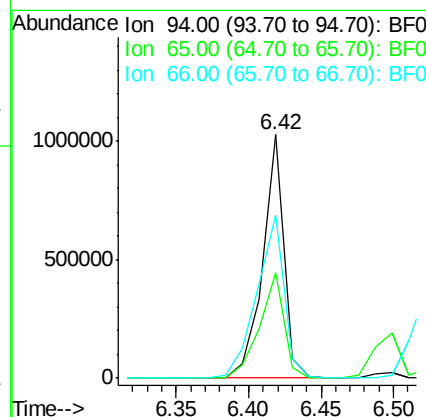
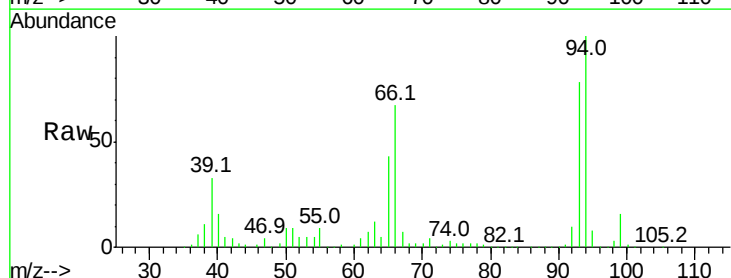
RT: 6.42 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

Tgt Ion	Ratio	Lower	Upper
94	100		
65	43.1	21.4	61.4
66	67.0	44.0	84.0





#11

bis(2-Chloroethyl)ether

Concen: 50.50 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

Instrument :

BNA_F

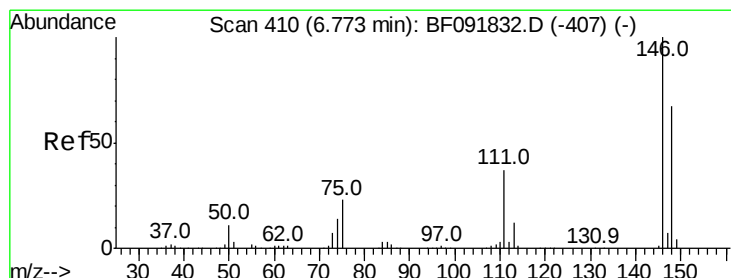
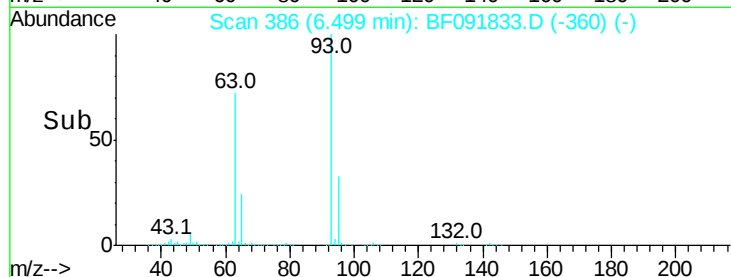
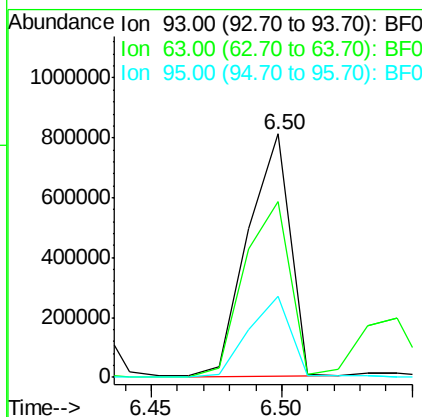
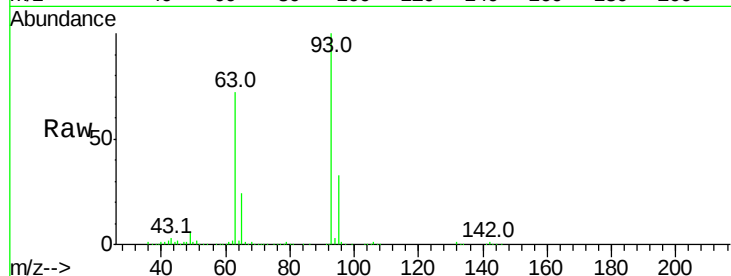
ClientSampleId :

SSTDICC050

Tot Ion:	93	Resp:	922388
Ion Ratio	Lower	Upper	
93	100		
63	72.4	60.4	100.4
95	33.3	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 48.64 ng m

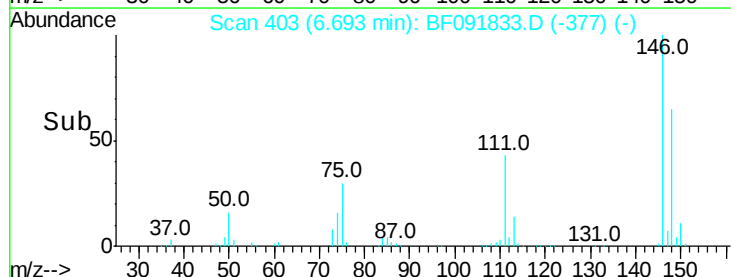
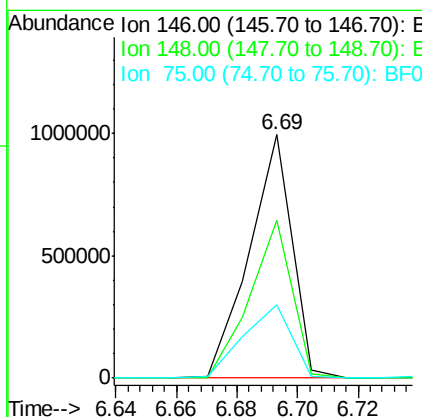
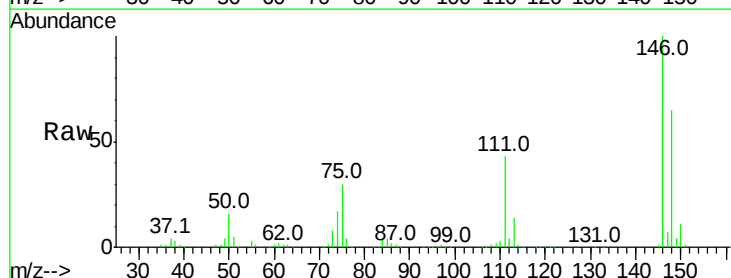
RT: 6.69 min Scan# 403

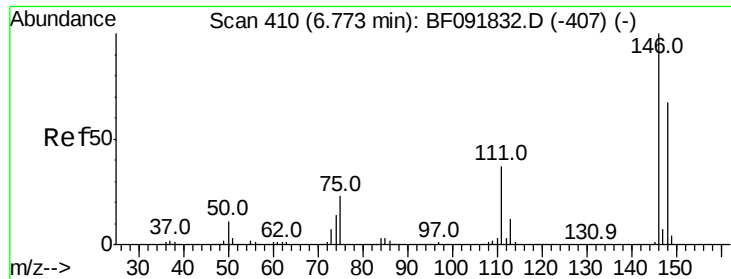
Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

Tgt Ion:	146	Resp:	978274
Ion Ratio	Lower	Upper	
146	100		
148	64.8	53.4	80.0
75	29.9	18.5	27.7#





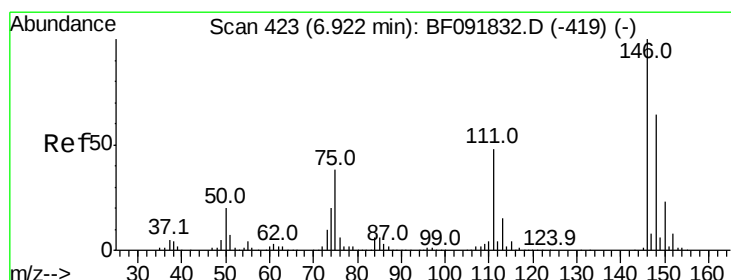
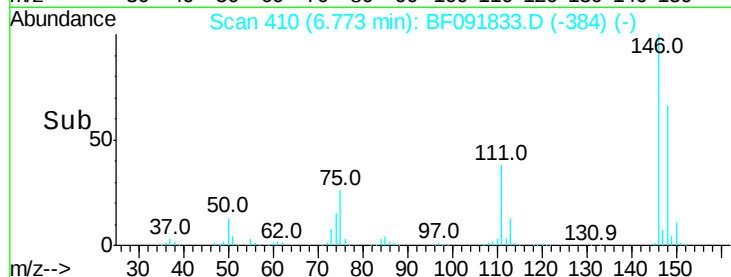
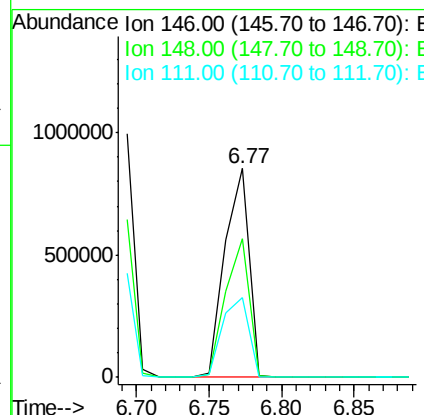
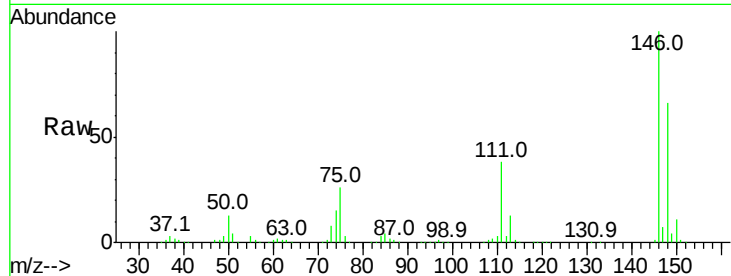
#13
1,4-Dichlorobenzene
Concen: 48.55 ng
RT: 6.77 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.2	50.6	76.0
111	38.2	36.2	54.4

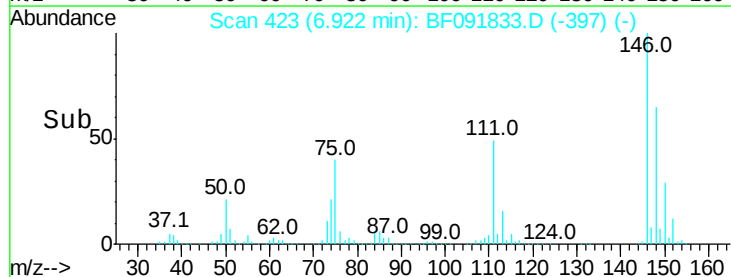
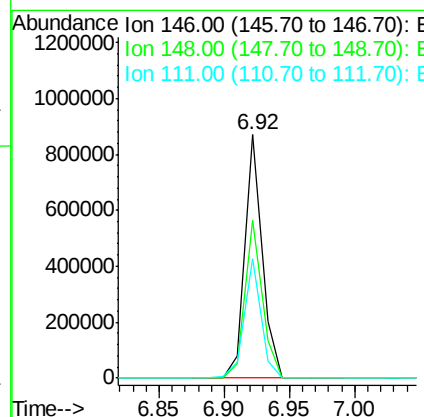
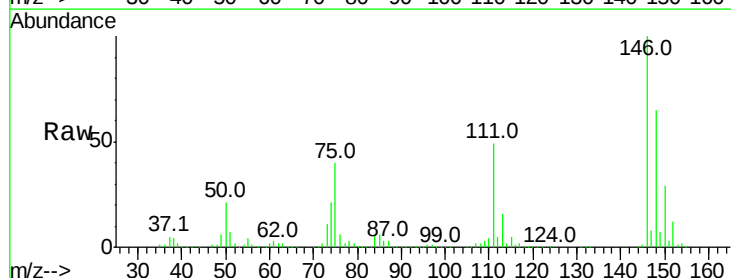
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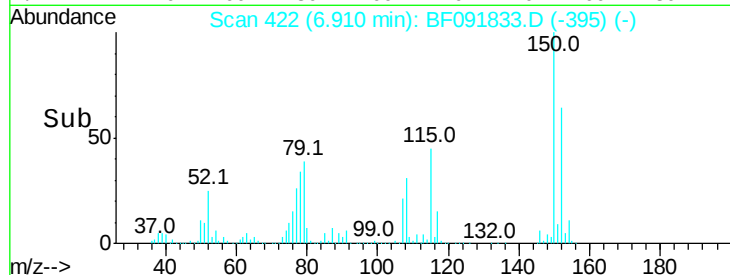
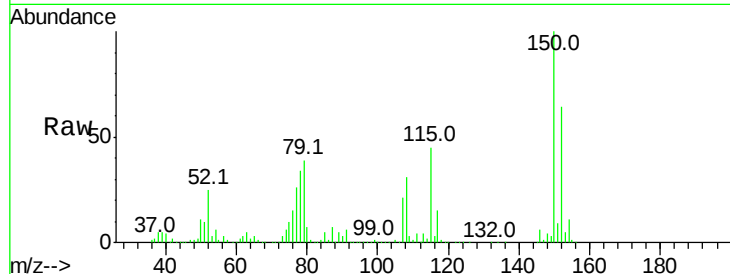
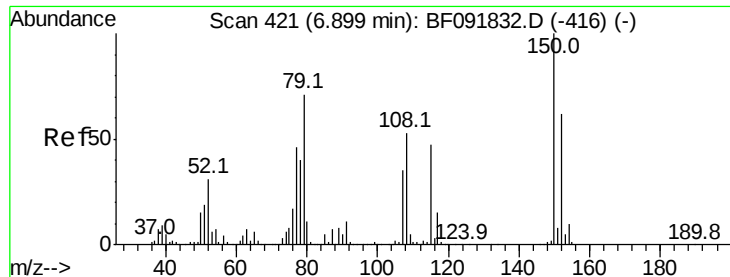
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#14
1,2-Dichlorobenzene
Concen: 44.51 ng
RT: 6.92 min Scan# 423
Delta R.T. -0.00 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.2	78.2
111	48.8	36.2	54.2





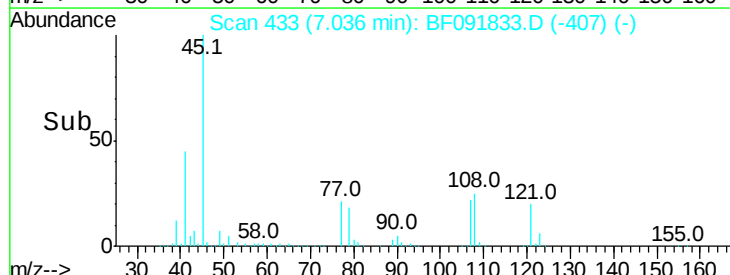
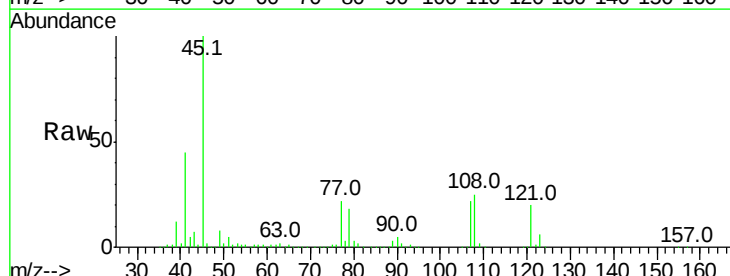
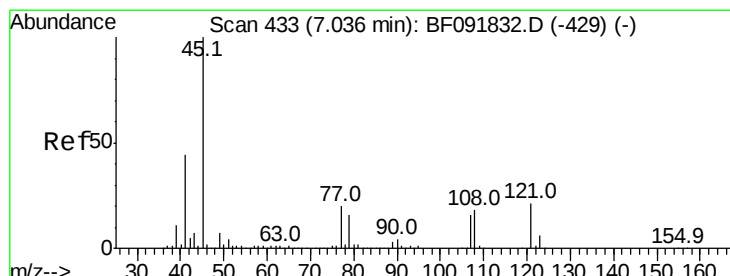
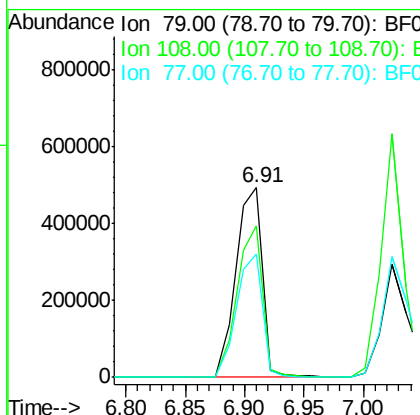
#15
Benzyl Alcohol
Concen: 48.51 ng
RT: 6.91 min Scan# 422
Delta R.T. 0.01 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	80.1	61.4	92.0	
77	65.2	50.9	76.3	

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

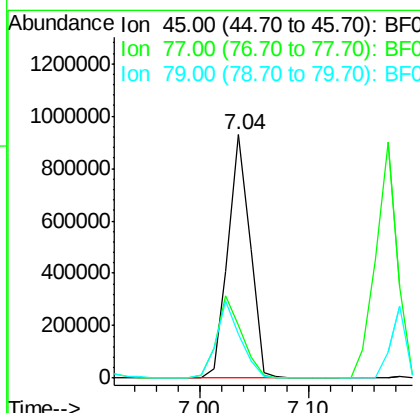
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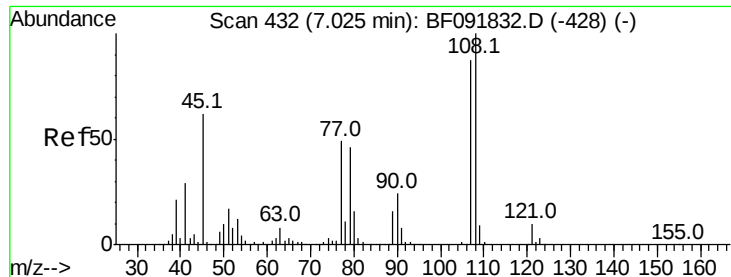
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.54 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	21.6	0.0	34.6	
79	18.2	0.0	31.2	





#17

2-Methylphenol

Concen: 45.74 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

Instrument :

BNA_F

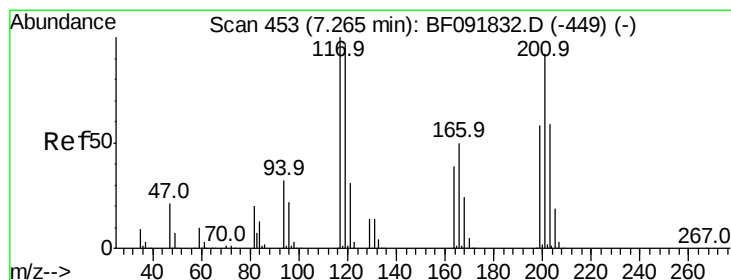
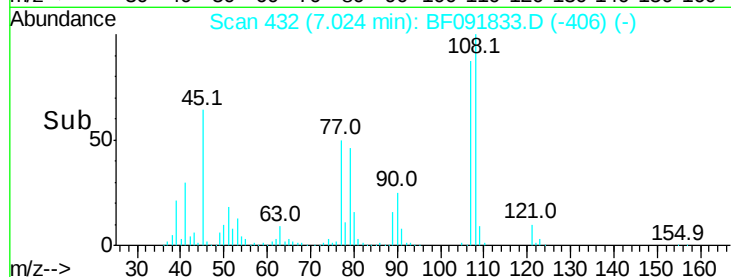
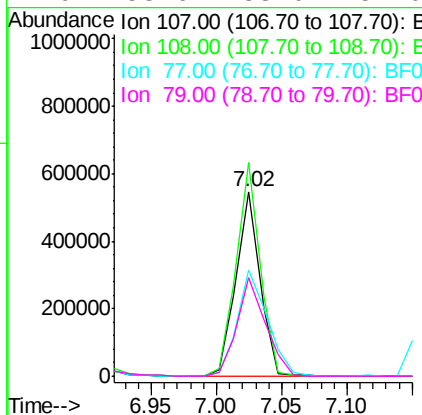
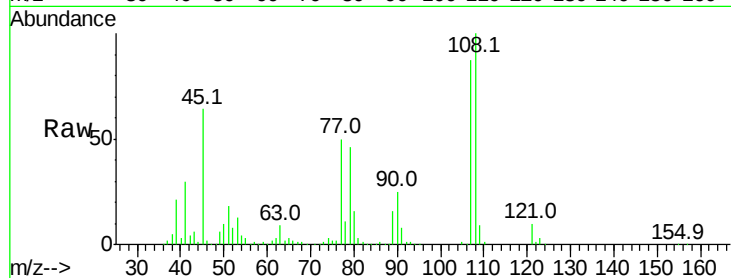
ClientSampleId :

SSTDIC050

Tot Ion:	107	Resp:	699981
Ion Ratio	Lower	Upper	
107	100		
108	115.6	93.0	139.6
77	57.6	39.8	59.8
79	53.6	38.0	57.0

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#18

Hexachloroethane

Concen: 50.00 ng

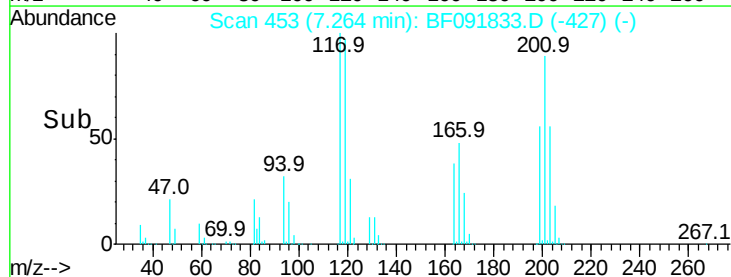
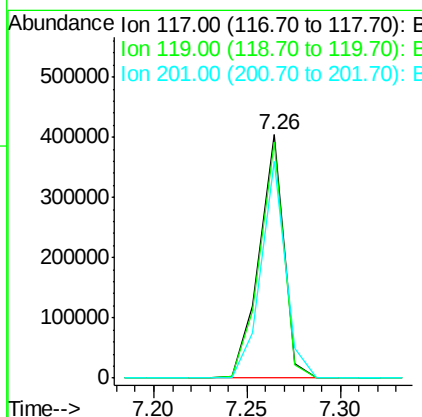
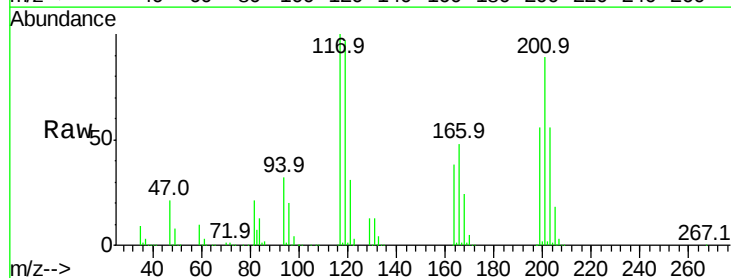
RT: 7.26 min Scan# 453

Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

Tgt Ion:	117	Resp:	378010
Ion Ratio	Lower	Upper	
117	100		
119	96.9	78.1	117.1
201	88.8	78.6	117.8





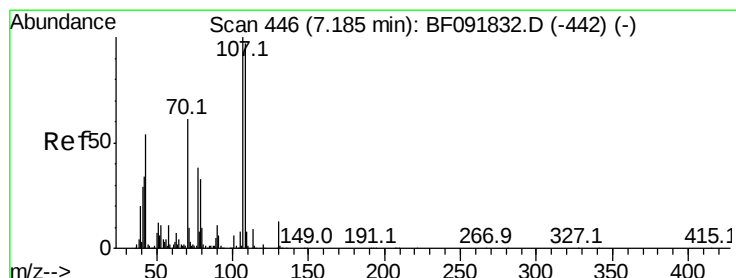
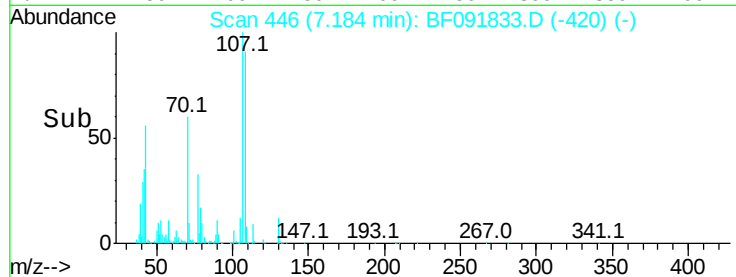
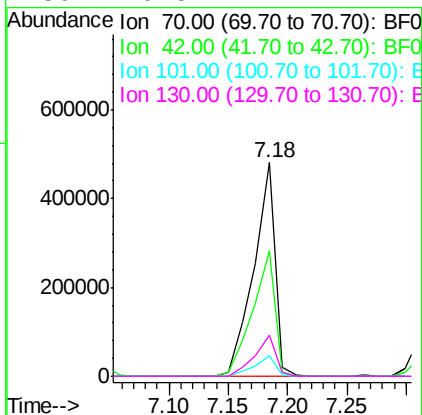
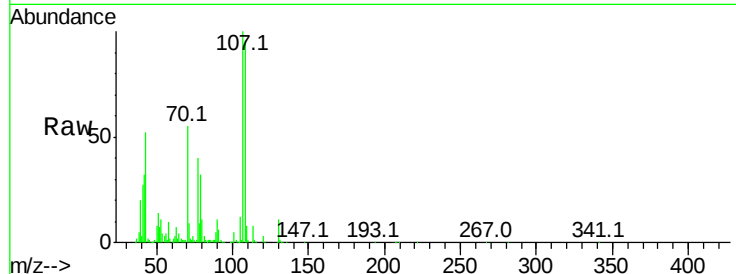
#19
n-Nitroso-di-n-propylamine
Concen: 45.29 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.00 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
70	100		
42	58.5	49.4	74.0
101	9.5	7.4	11.2
130	19.5	14.2	21.4

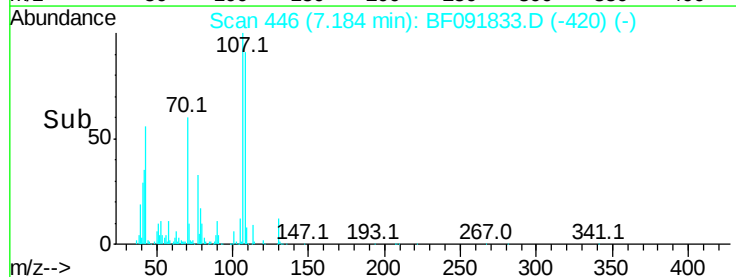
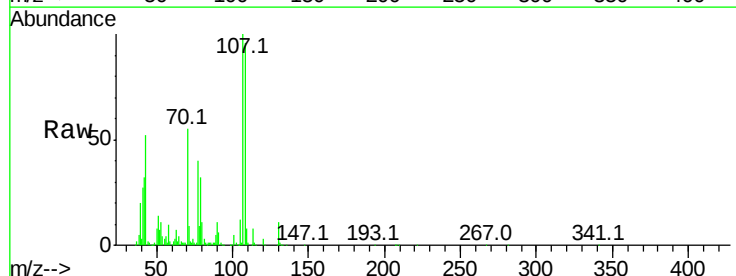
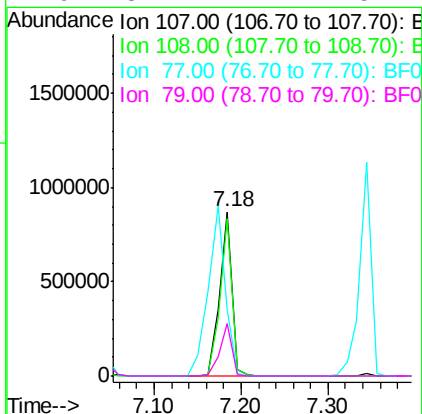
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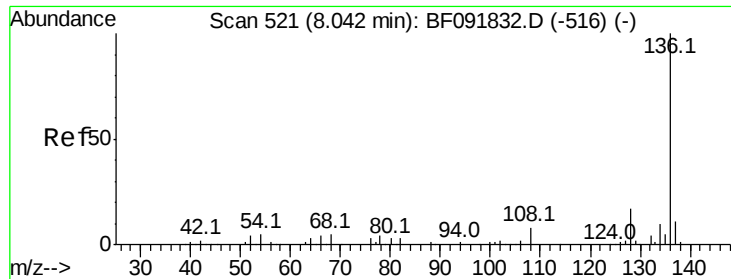
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#20
3+4-Methylphenols
Concen: 51.15 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.00 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.7	73.0	113.0
77	40.3	71.3	111.3#
79	31.7	11.1	51.1





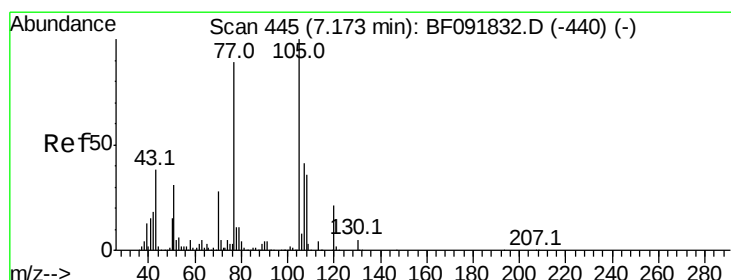
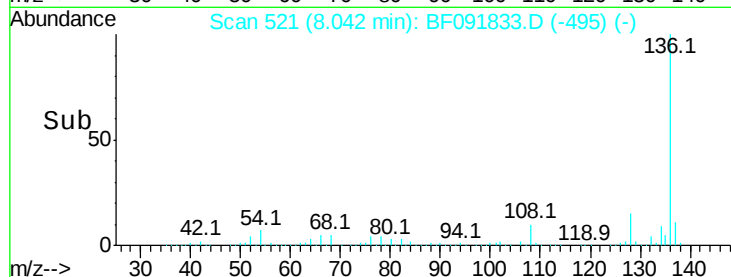
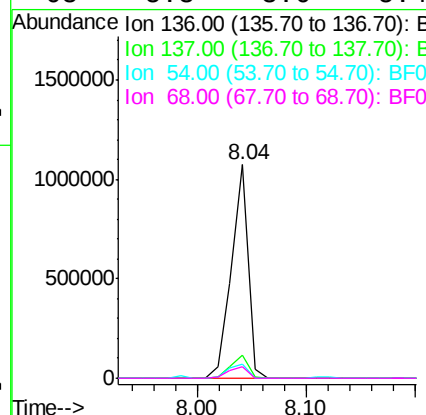
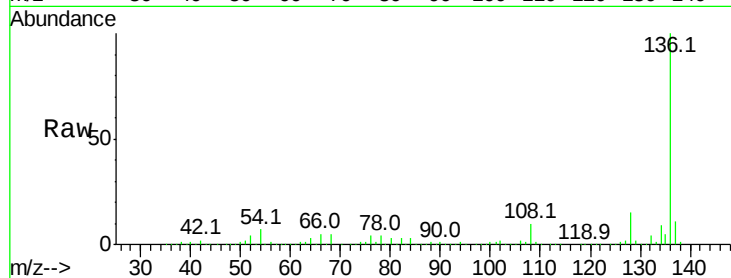
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	136	Resp	1138539
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	6.6	4.5	6.7
68	5.3	3.6	5.4

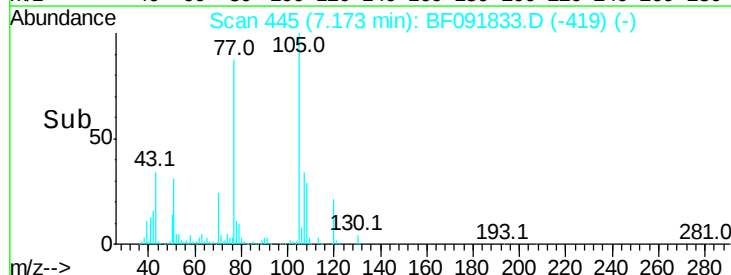
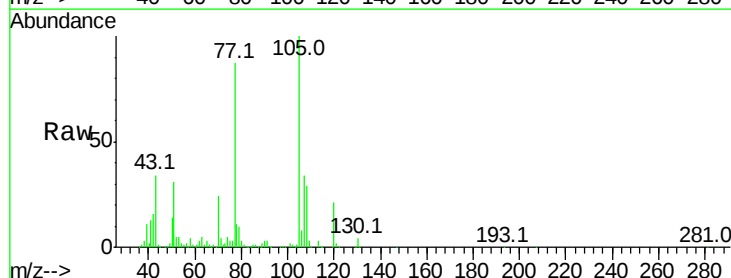
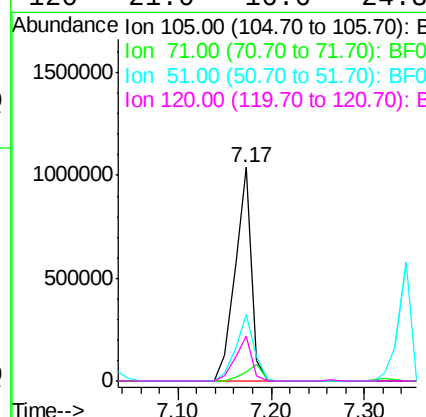
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#22
Acetophenone
Concen: 46.05 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

Tgt Ion	105	Resp	1265827
Ion	Ratio	Lower	Upper
105	100		
71	4.2	3.2	4.8
51	31.2	26.2	39.4
120	21.0	16.6	24.8





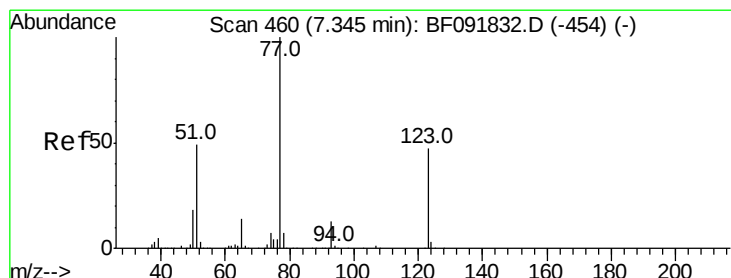
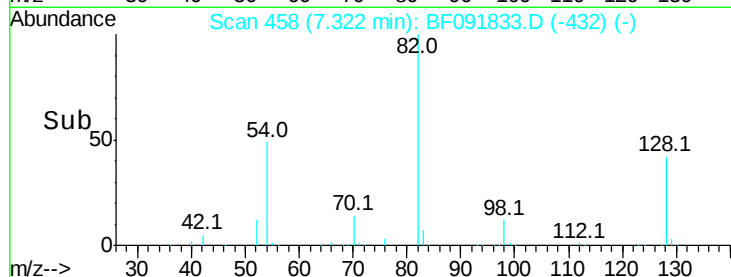
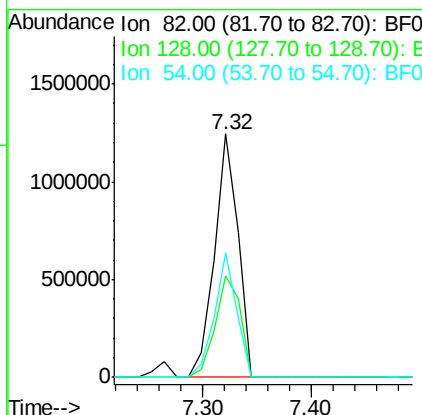
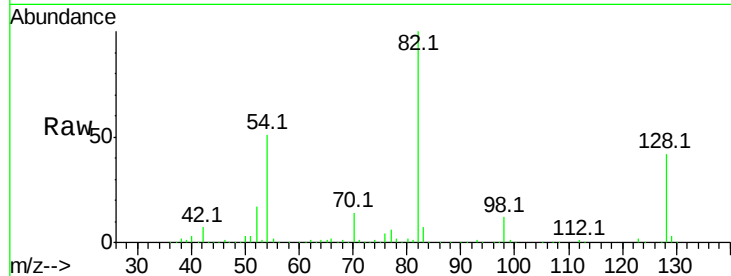
#23
Nitrobenzene-d5
Concen: 94.32 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion: 82 Resp: 1862191
Ion Ratio Lower Upper
82 100
128 41.5 34.6 52.0
54 51.2 39.5 59.3

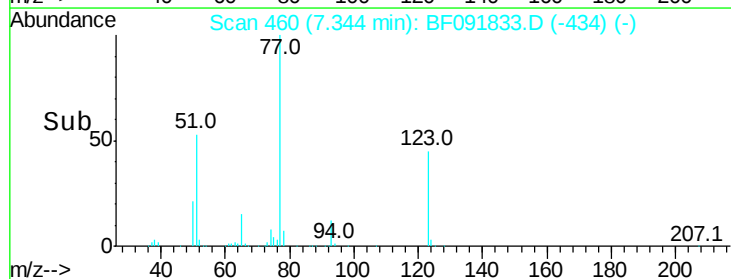
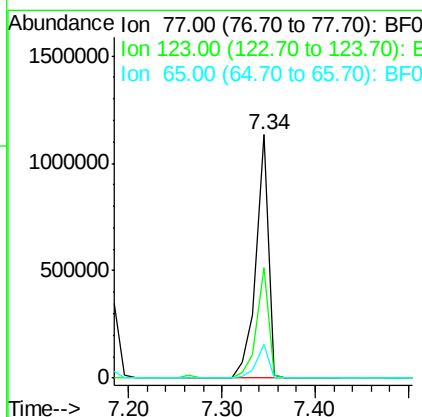
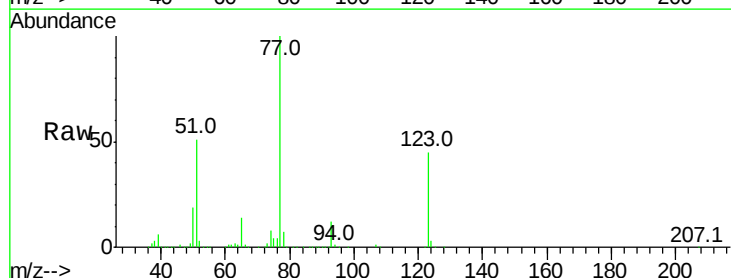
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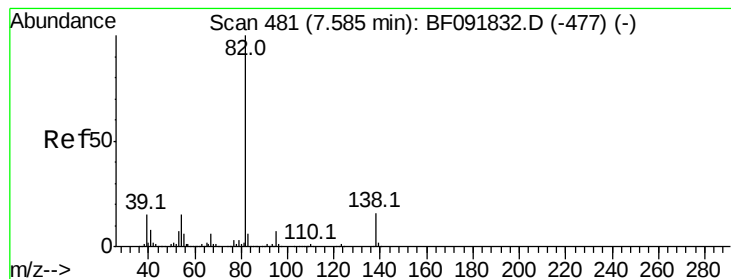
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#24
Nitrobenzene
Concen: 49.30 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.00 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

Tgt Ion: 77 Resp: 1045177
Ion Ratio Lower Upper
77 100
123 45.3 33.0 49.4
65 14.0 11.2 16.8





#25

Isophorone

Concen: 45.65 ng

RT: 7.58 min Scan# 481

Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 82 Resp: 1719552

Ion Ratio Lower Upper

82 100

95 6.8 5.6 8.4

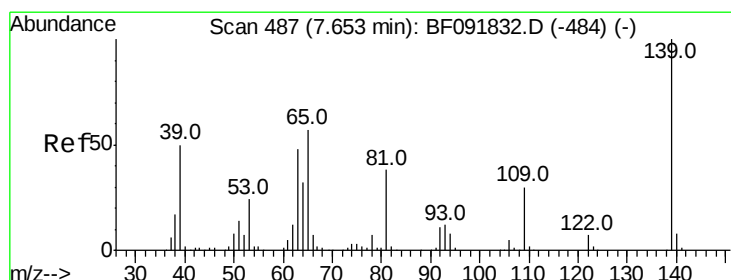
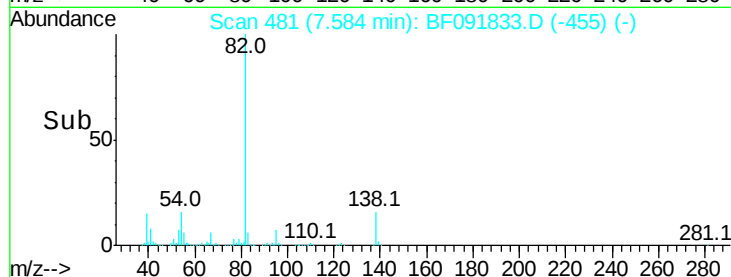
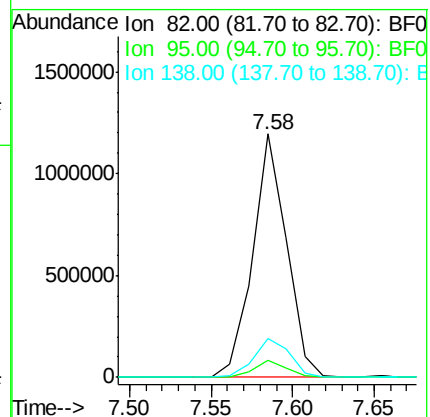
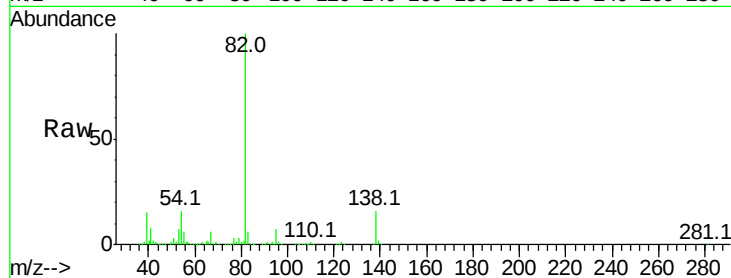
138 15.9 14.6 22.0

Manual Integrations

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#26

2-Nitrophenol

Concen: 46.60 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

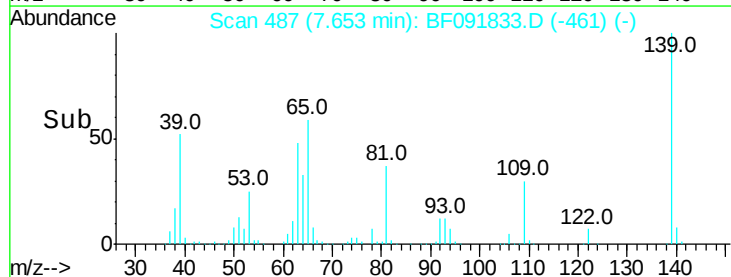
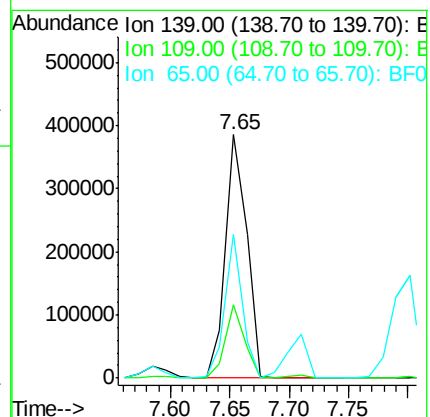
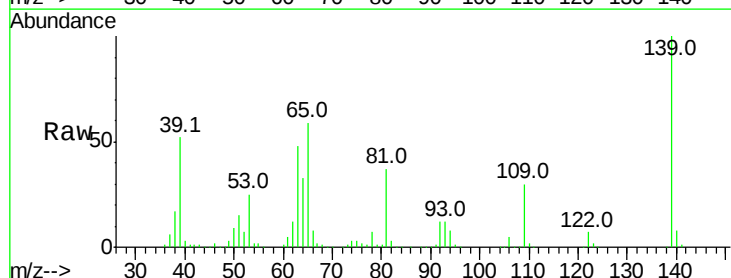
Tgt Ion: 139 Resp: 476566

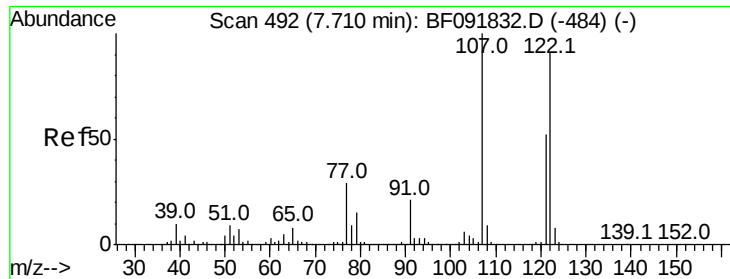
Ion Ratio Lower Upper

139 100

109 29.9 23.3 34.9

65 59.2 42.7 64.1





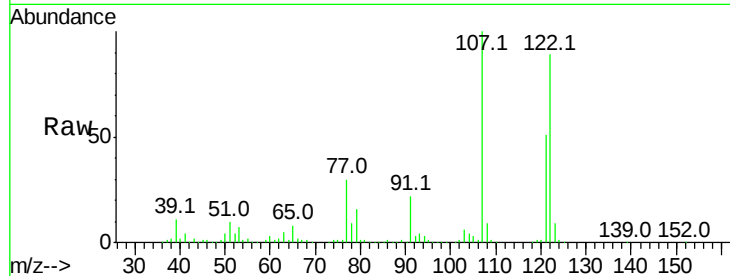
#27
2,4-Dimethylphenol
Concen: 51.54 ng
RT: 7.71 min Scan# 492
Delta R.T. -0.00 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.0	94.1	141.1
121	57.1	46.0	69.0

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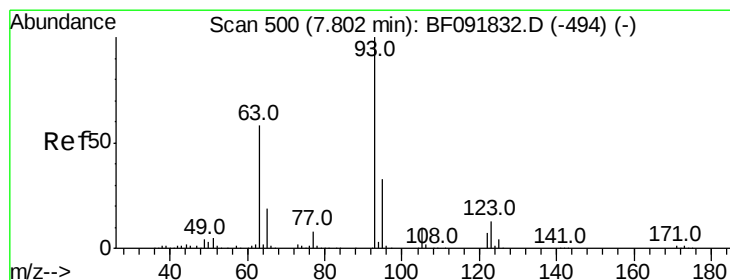
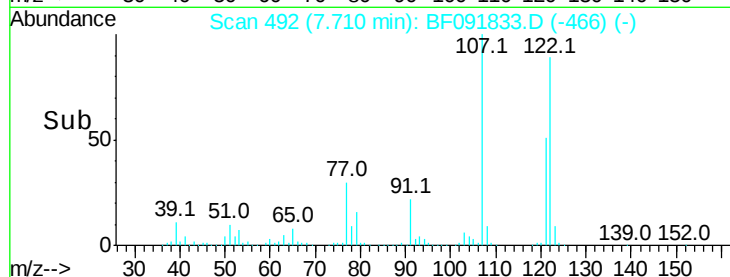
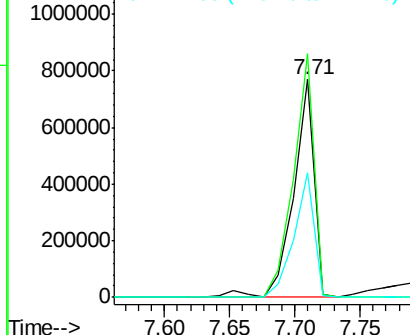


Abundance

Ion 122.00 (121.70 to 122.70): E

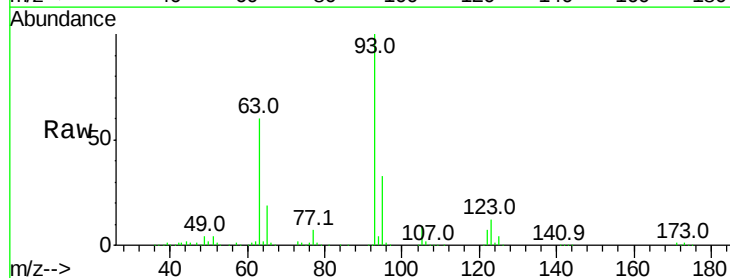
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 49.23 ng
RT: 7.80 min Scan# 500
Delta R.T. -0.00 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.5	39.7
123	12.4	8.6	13.0

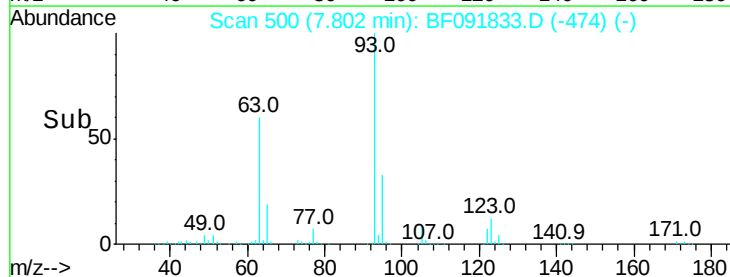
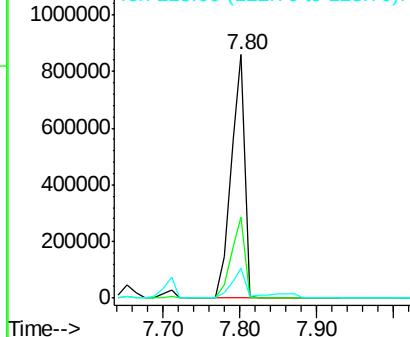


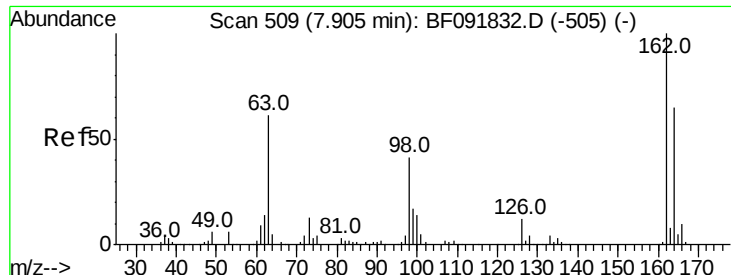
Abundance

Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





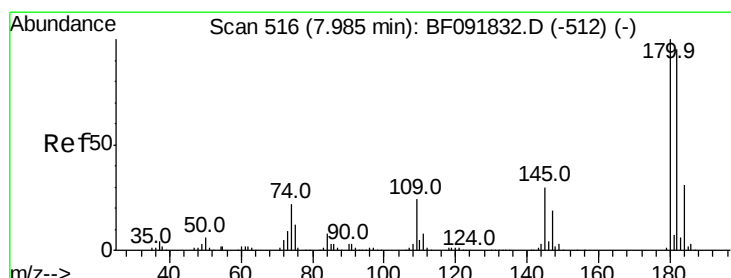
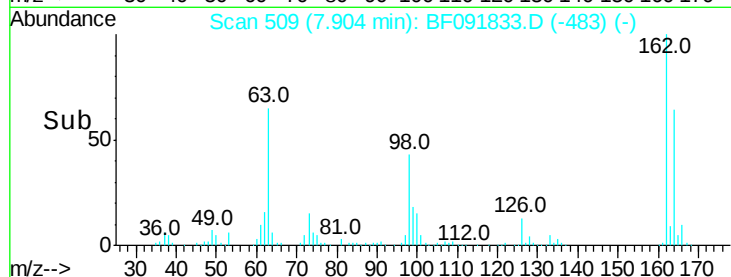
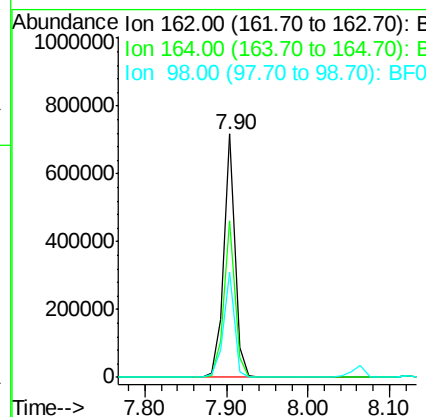
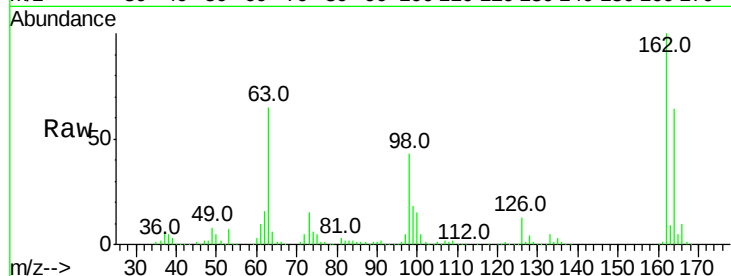
#29
2,4-Dichlorophenol
Concen: 44.43 ng
RT: 7.90 min Scan# 509
Delta R.T. -0.00 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
162	100	683726		
164	64.4	46.8	86.8	
98	43.3	9.1	49.1	

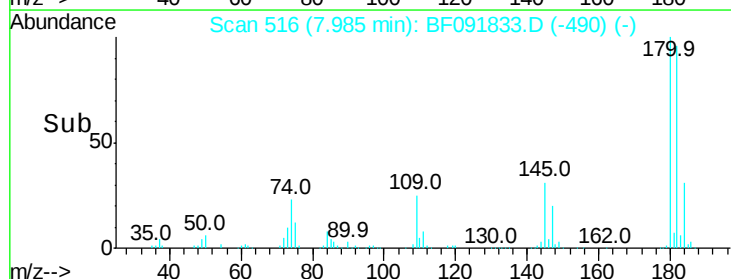
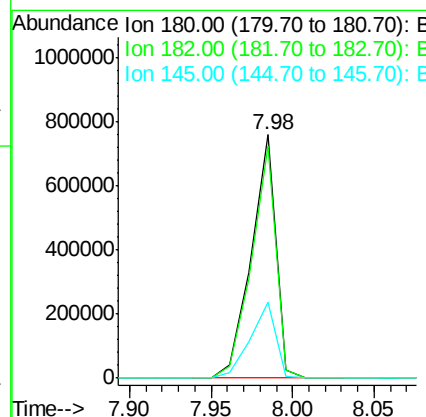
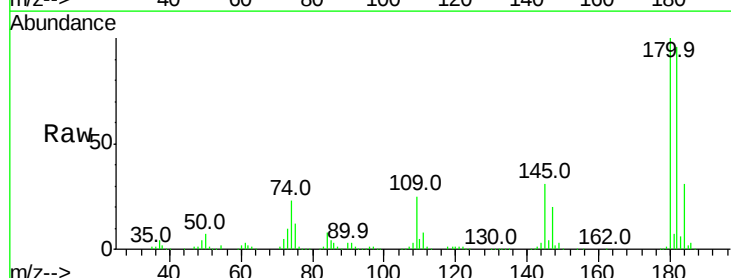
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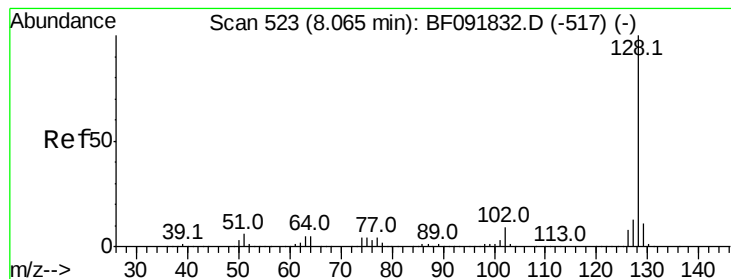
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#30
1,2,4-Trichlorobenzene
Concen: 47.58 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.00 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	793448		
182	95.6	78.2	117.4	
145	31.4	21.6	32.4	





#31

Naphthalene

Concen: 47.62 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:128 Resp: 2590314

Ion Ratio Lower Upper

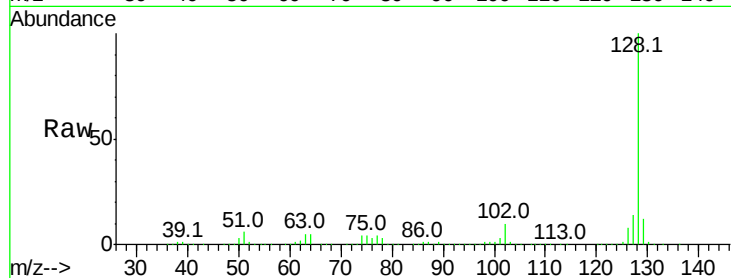
128 100

129 11.6 9.5 14.3

127 13.9 10.8 16.2

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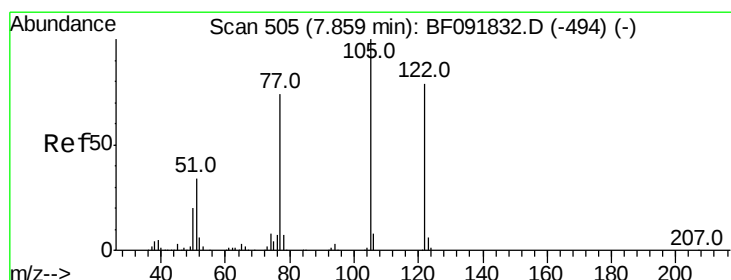
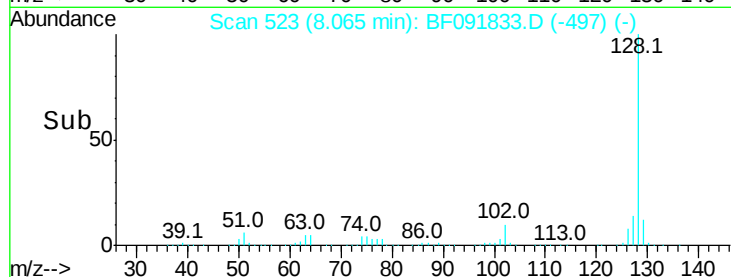
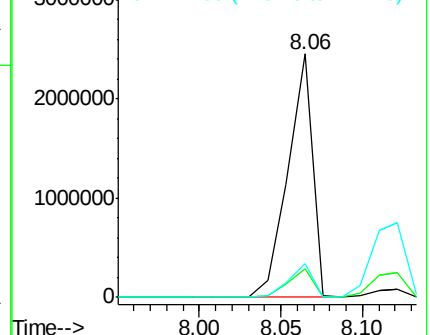
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 58.40 ng

RT: 7.87 min Scan# 506

Delta R.T. 0.01 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

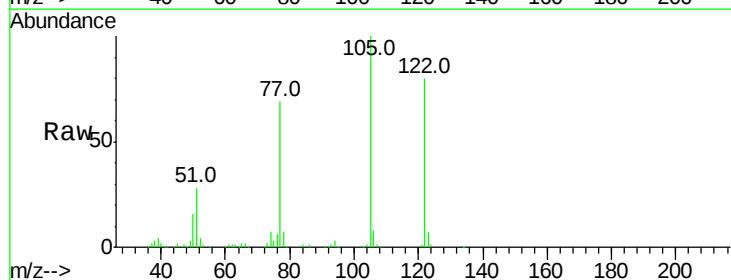
Tgt Ion:122 Resp: 694436

Ion Ratio Lower Upper

122 100

105 124.7 107.2 147.2

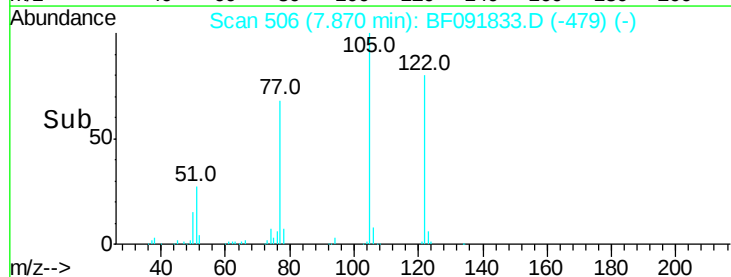
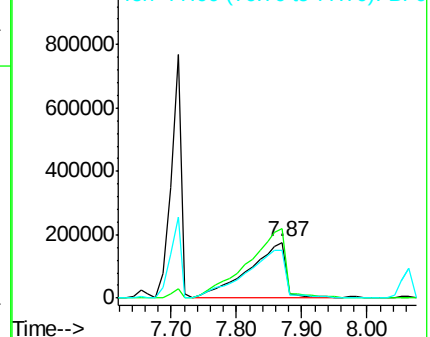
77 85.4 74.5 114.5

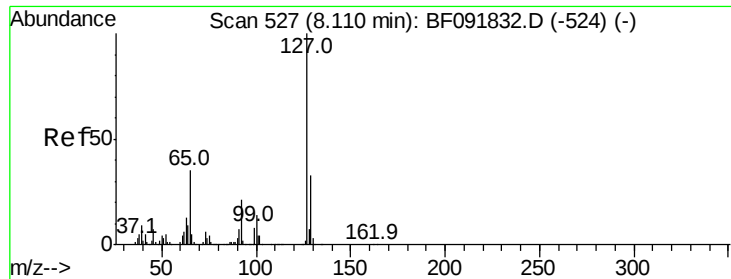


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





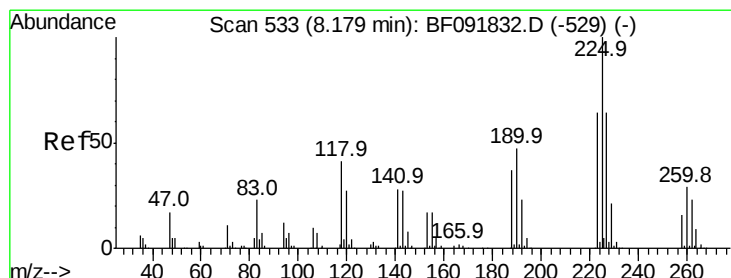
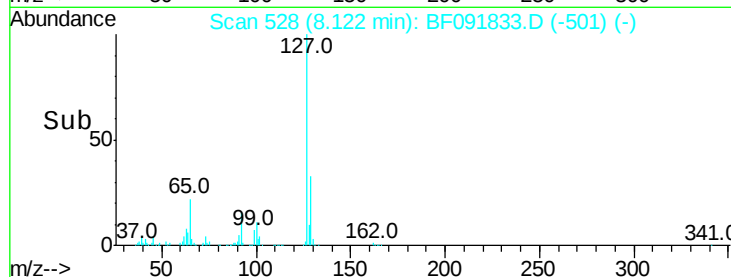
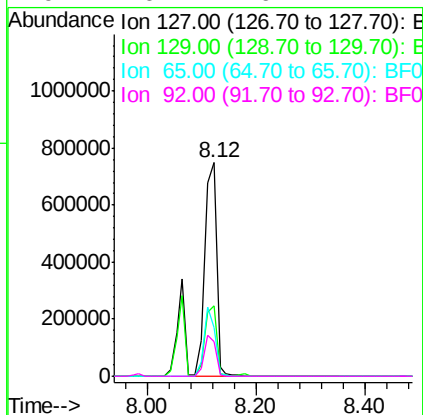
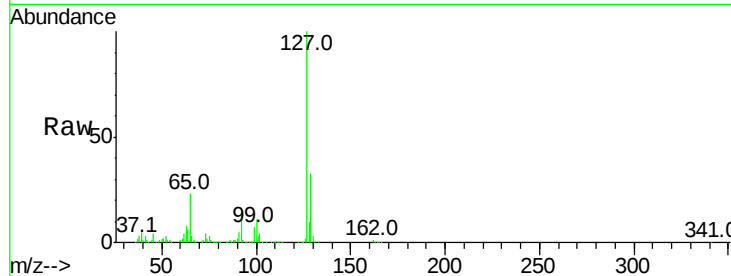
#33
4-Chloroaniline
Concen: 48.41 ng
RT: 8.12 min Scan# 528
Delta R.T. 0.01 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.3	39.5
65	23.0	25.8	38.8
92	16.1	16.1	24.1

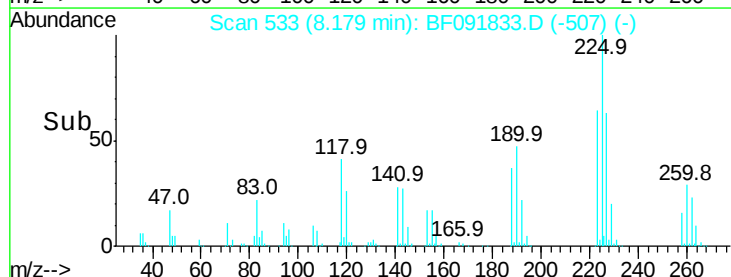
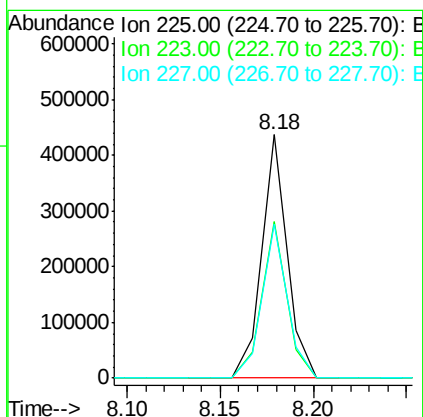
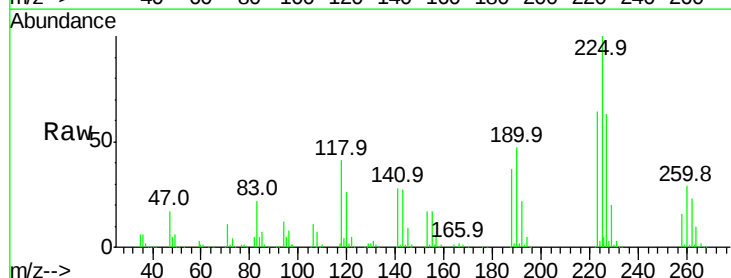
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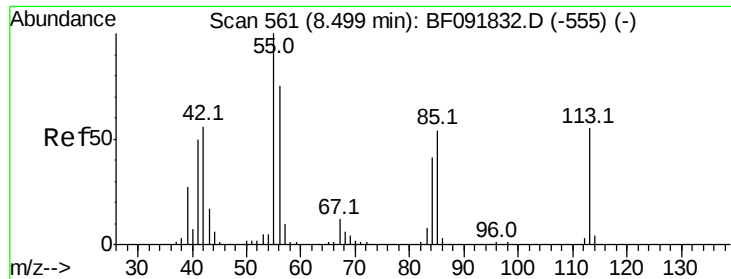
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#34
Hexachlorobutadiene
Concen: 43.62 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	51.0	76.6
227	63.1	50.6	76.0





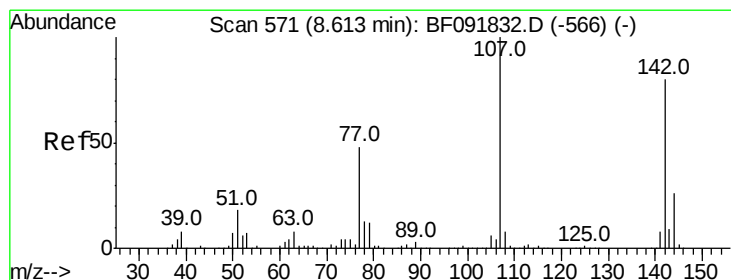
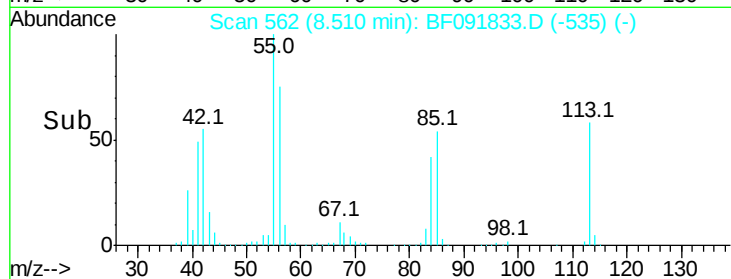
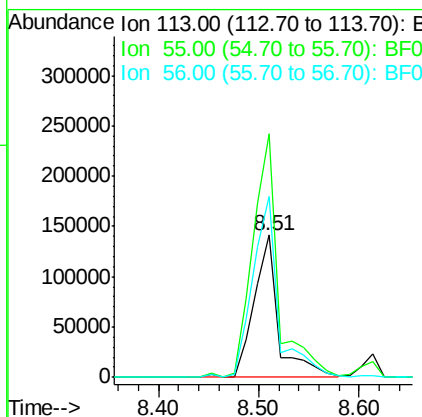
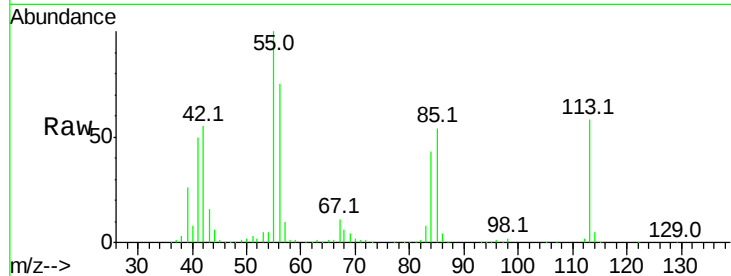
#35
 Caprolactam
 Concen: 48.18 ng
 RT: 8.51 min Scan# 562
 Delta R.T. 0.01 min
 Lab File: BF091833.D
 Acq: 21 Dec 2016 14:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	171.6	119.2	159.2#	
56	127.9	83.8	123.8#	

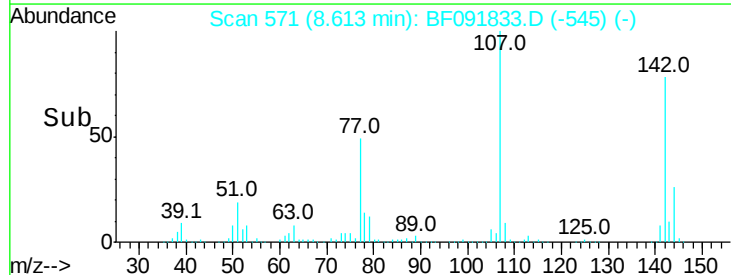
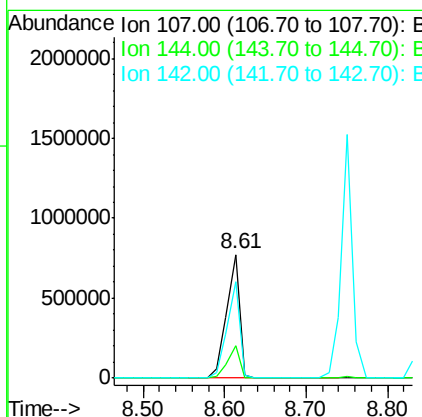
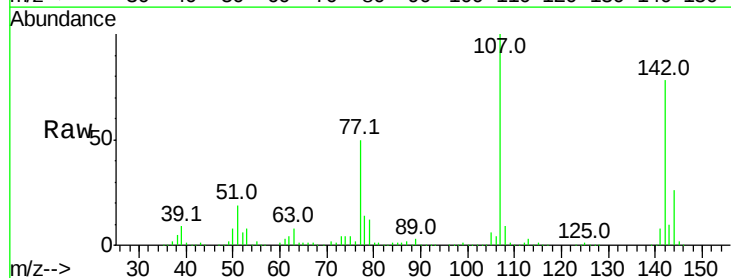
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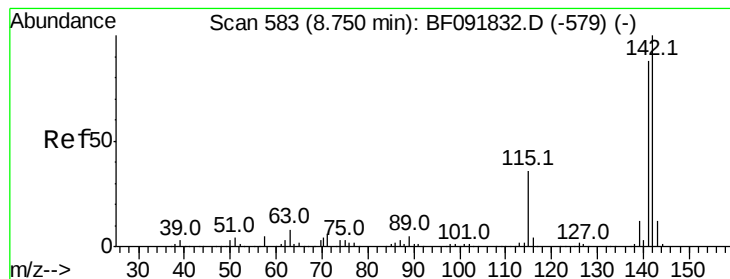
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#36
 4-Chloro-3-methylphenol
 Concen: 49.87 ng
 RT: 8.61 min Scan# 571
 Delta R.T. -0.00 min
 Lab File: BF091833.D
 Acq: 21 Dec 2016 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	25.9	19.3	28.9	
142	78.4	59.0	88.6	





#37

2-Methylnaphthalene

Concen: 43.37 ng

RT: 8.75 min Scan# 583

Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:142 Resp: 1487266

Ion Ratio Lower Upper

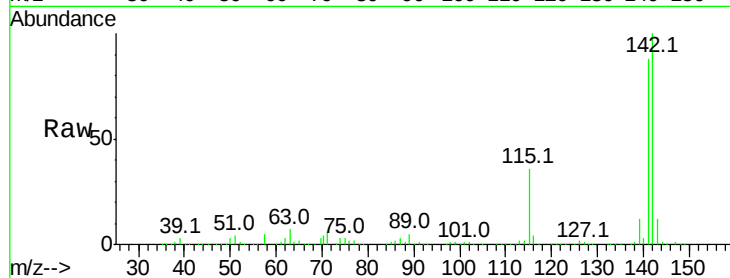
142 100

141 88.2 71.0 106.6

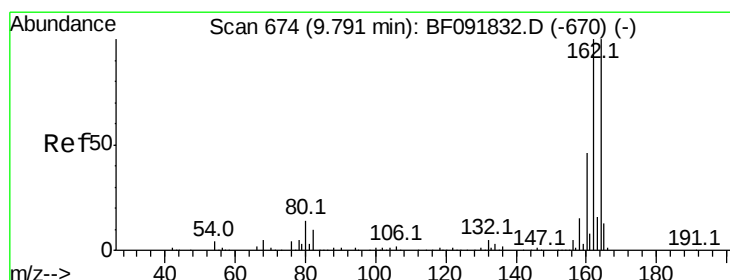
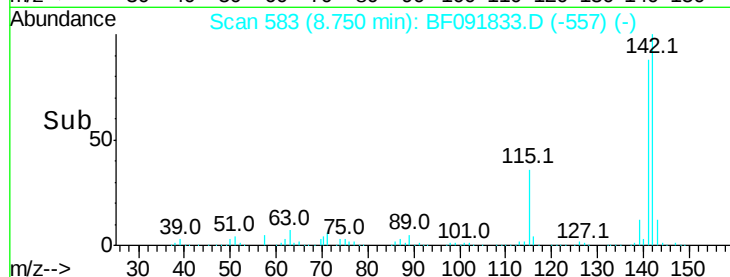
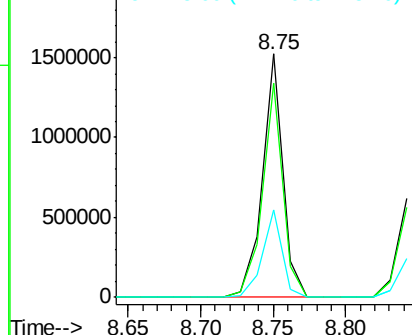
115 36.0 28.3 42.5

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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

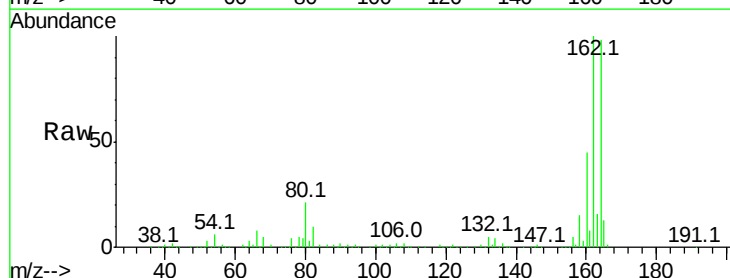
Tgt Ion:164 Resp: 566168

Ion Ratio Lower Upper

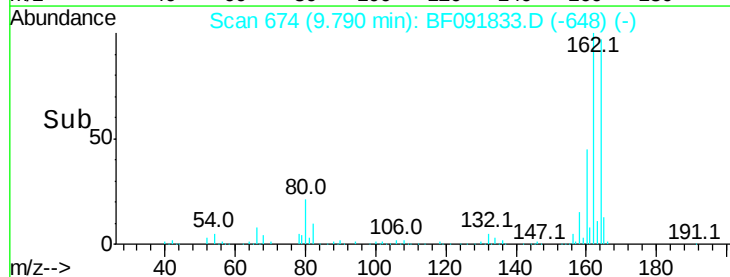
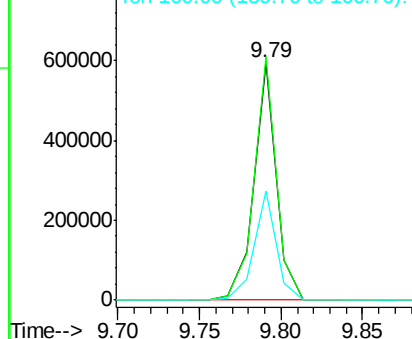
164 100

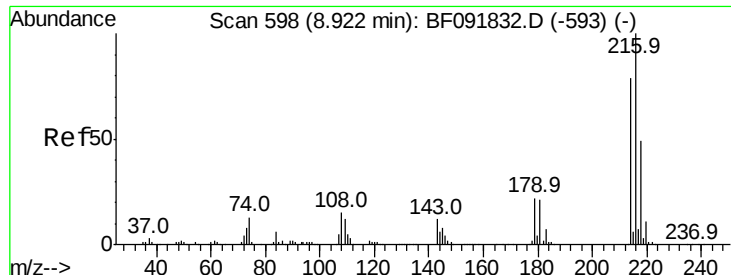
162 102.5 80.2 120.2

160 45.7 36.9 55.3



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





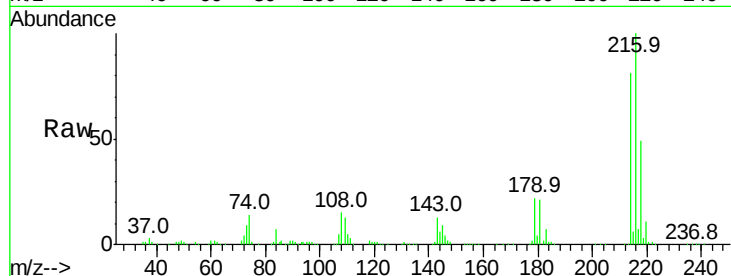
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 49.79 ng
 RT: 8.92 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF091833.D
 Acq: 21 Dec 2016 14:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

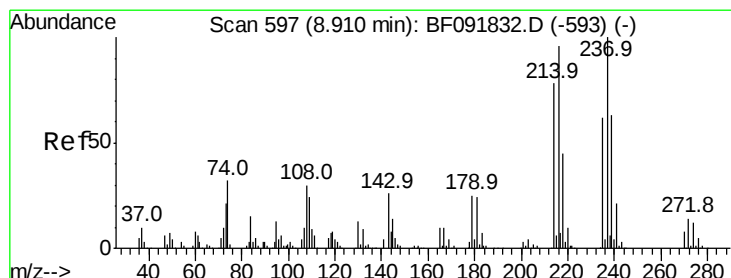
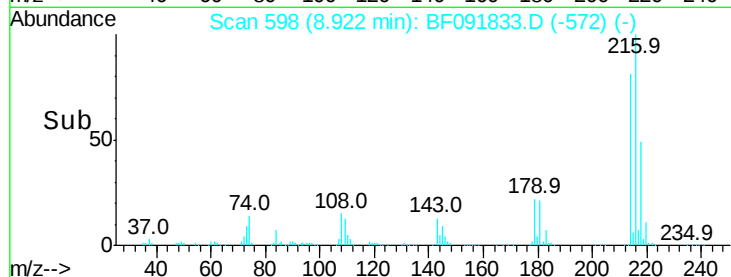
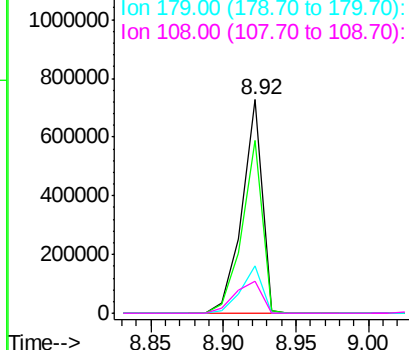
Tot Ion	Ratio	Resp	Lower	Upper
216	100	702618		
214	80.9	63.4	95.0	
179	23.4	17.4	26.2	
108	20.8	15.6	23.4	

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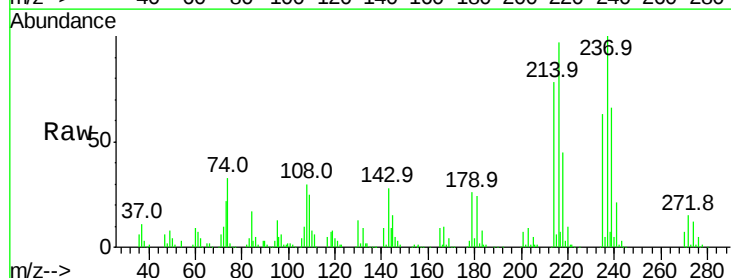


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

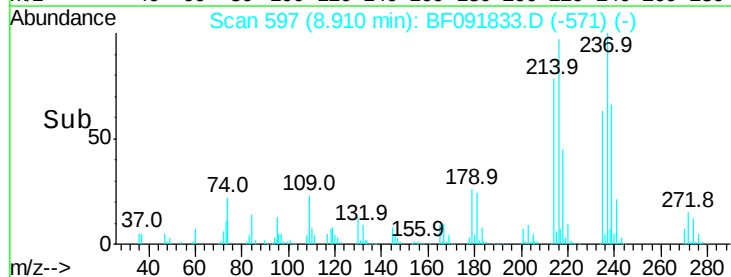
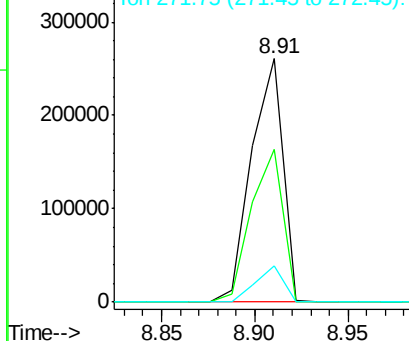


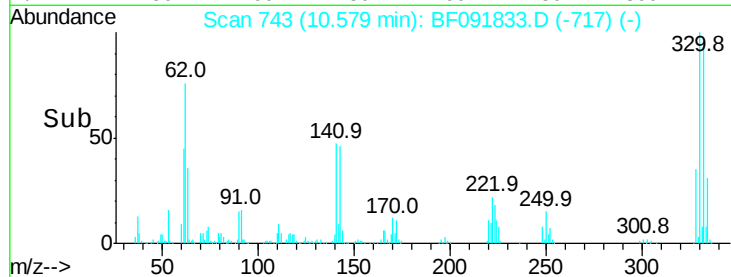
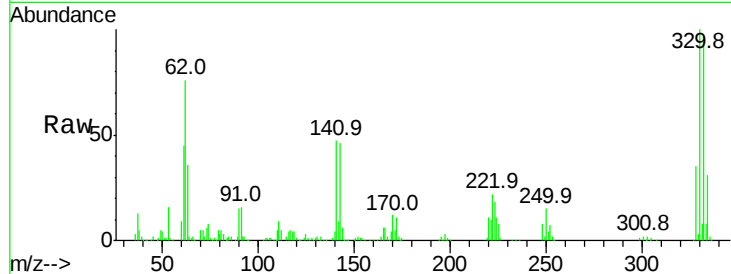
#40
 Hexachlorocyclopentadiene
 Concen: 50.80 ng
 RT: 8.91 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF091833.D
 Acq: 21 Dec 2016 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	303877		
235	62.9	41.2	81.2	
272	14.7	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





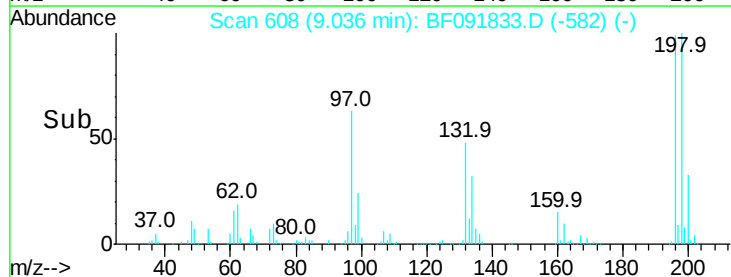
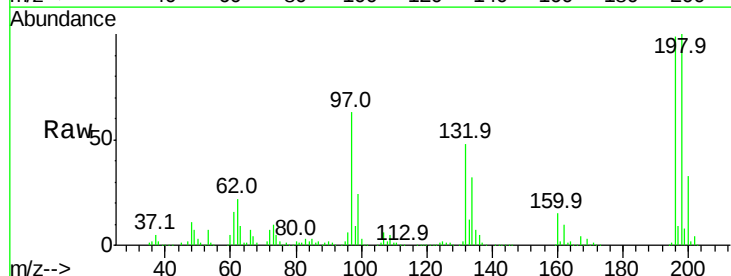
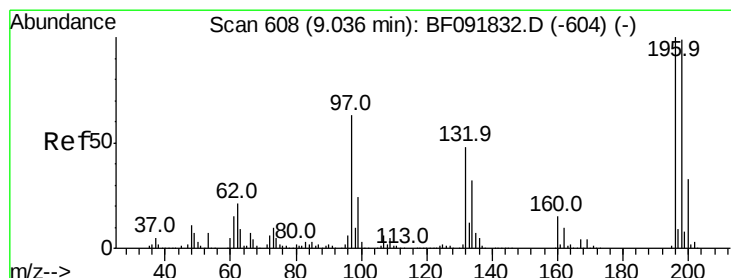
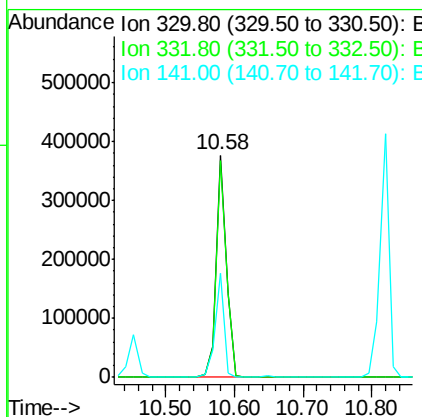
#41
 2,4,6-Tribromophenol
 Concen: 84.00 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF091833.D
 Acq: 21 Dec 2016 14:05

Tot Ion	Ratio	Resp	Lower	Upper
330	100	403255		
332	97.6		77.4	116.2
141	40.0		34.1	51.1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

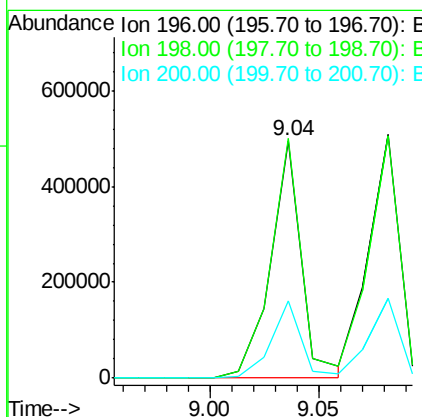
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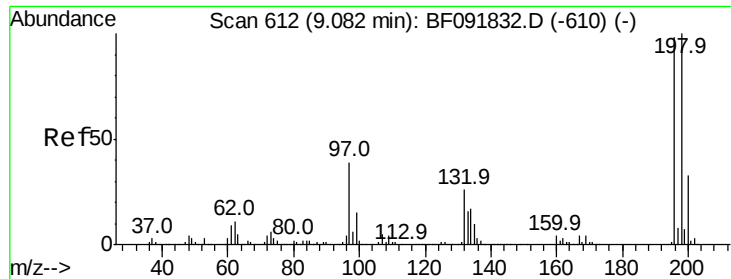
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#42
 2,4,6-Trichlorophenol
 Concen: 49.11 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF091833.D
 Acq: 21 Dec 2016 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	495215		
198	100.9		82.1	123.1
200	32.8		27.0	40.4





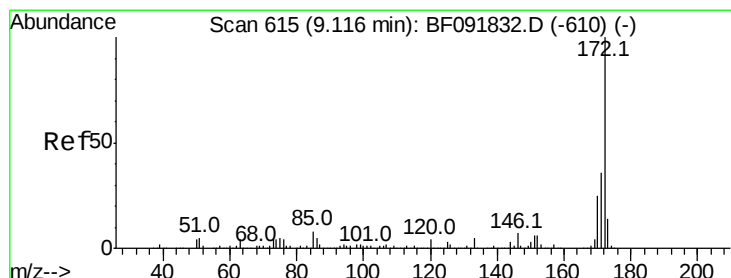
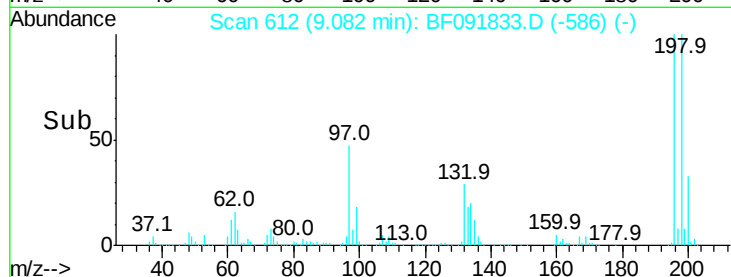
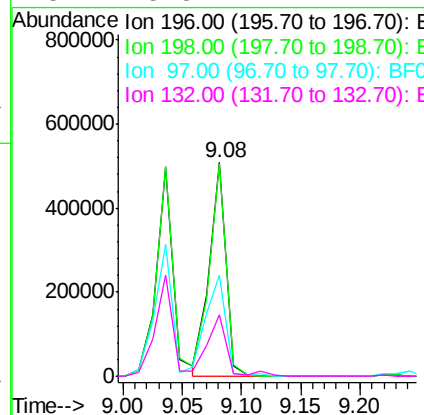
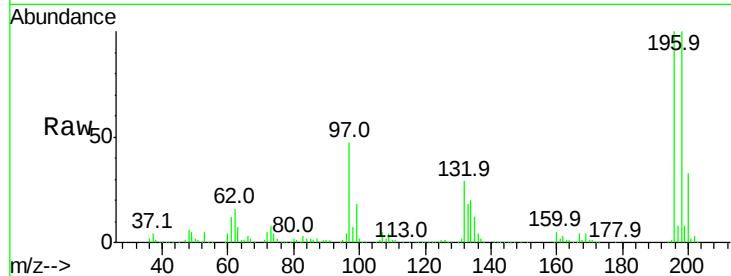
#43
 2,4,5-Trichlorophenol
 Concen: 50.52 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF091833.D
 Acq: 21 Dec 2016 14:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
196	100	500476		
198	99.6	79.4	119.2	
97	47.4	51.5	77.3#	
132	28.8	27.4	41.2	

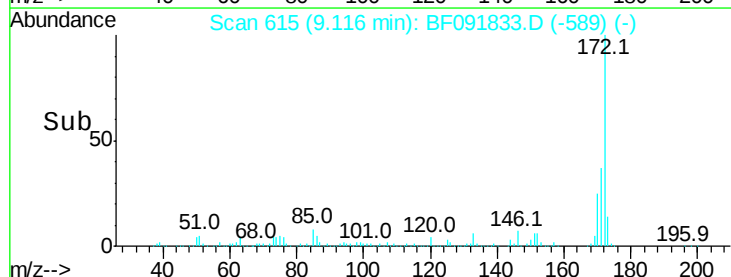
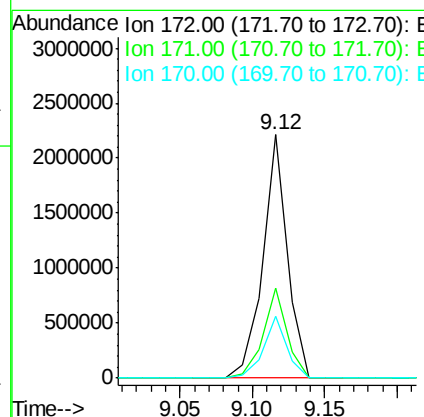
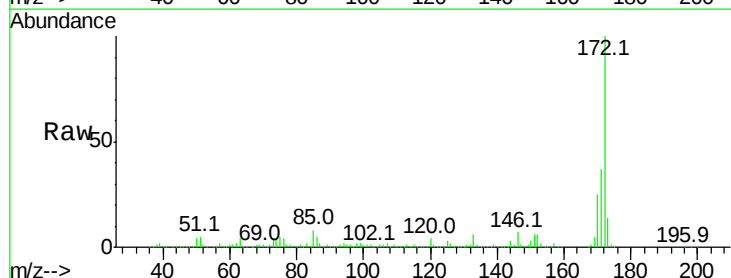
Manual Integrations
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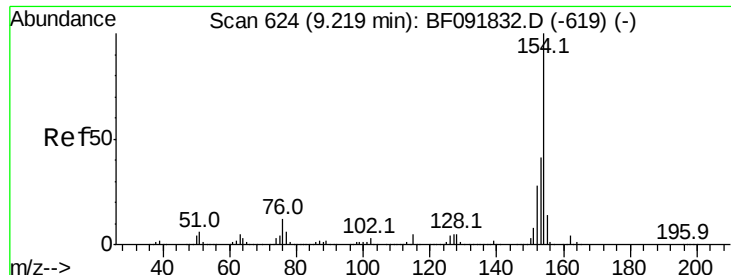
sohil
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#44
 2-Fluorobiphenyl
 Concen: 91.32 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF091833.D
 Acq: 21 Dec 2016 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2573660		
171	36.9	29.4	44.0	
170	25.3	20.2	30.4	





#45

1,1'-Biphenyl

Concen: 48.34 ng

RT: 9.22 min Scan# 624

Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:154 Resp: 1961556

Ion Ratio Lower Upper

154 100

153 40.9 20.9 60.9

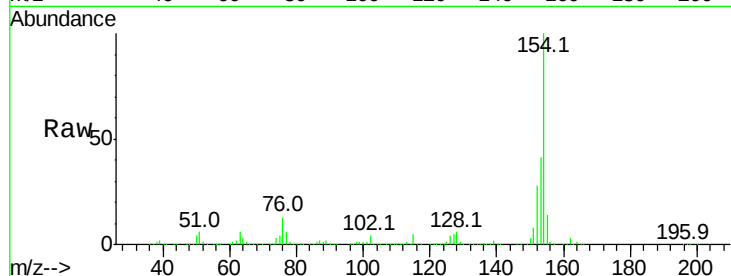
76 12.7 0.0 30.5

Manual Integrations

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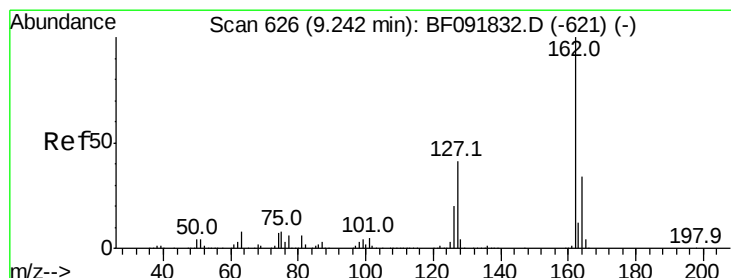
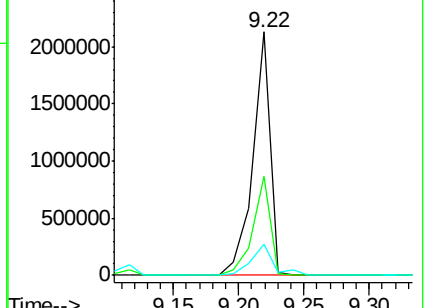
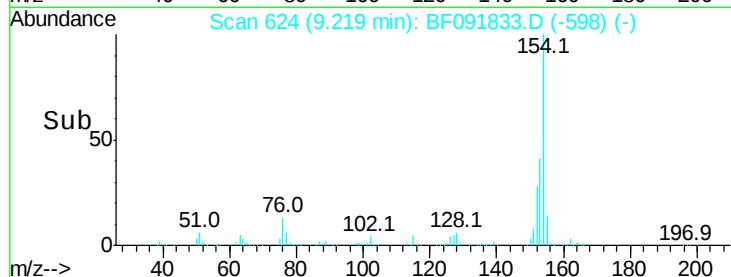
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 49.40 ng

RT: 9.24 min Scan# 626

Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

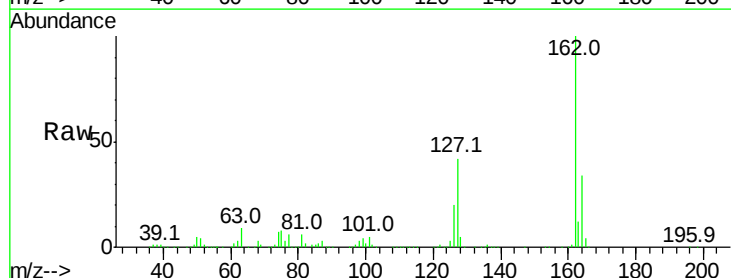
Tgt Ion:162 Resp: 1498022

Ion Ratio Lower Upper

162 100

127 42.0 30.7 46.1

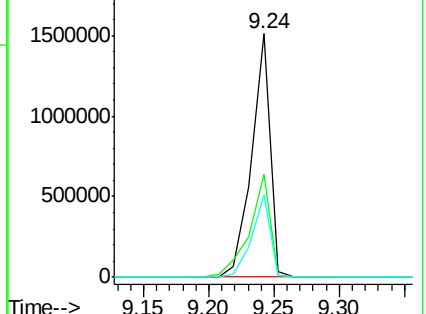
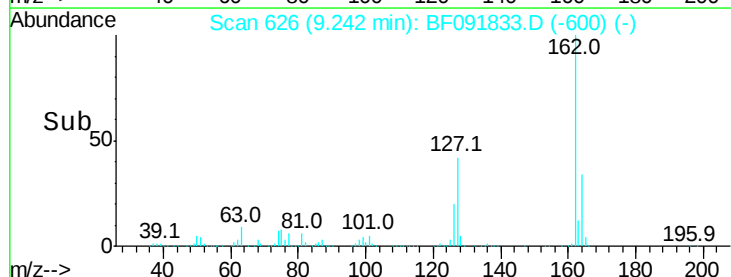
164 33.6 27.6 41.4

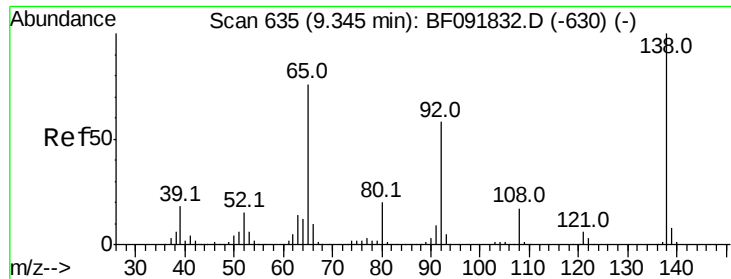


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





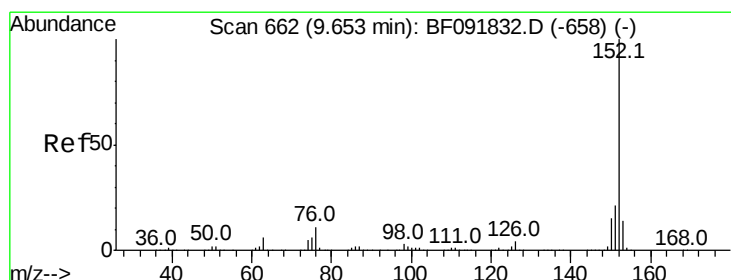
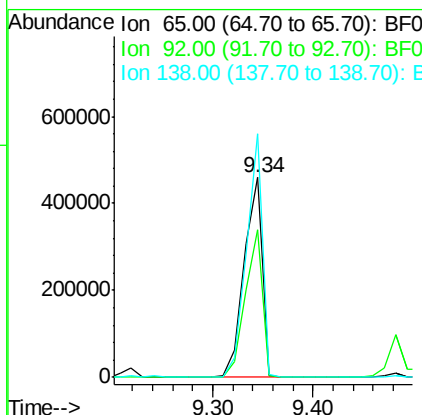
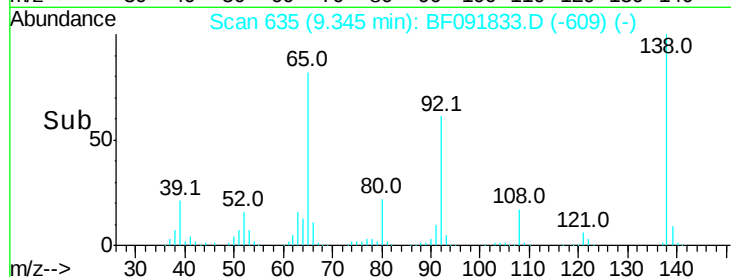
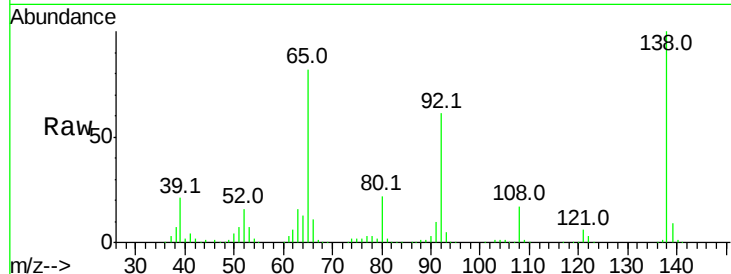
#47
 2-Nitroaniline
 Concen: 55.69 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.00 min
 Lab File: BF091833.D
 Acq: 21 Dec 2016 14:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.8	53.9	80.9
138	121.8	76.8	115.2

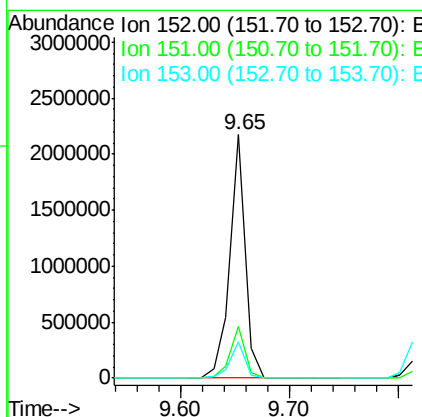
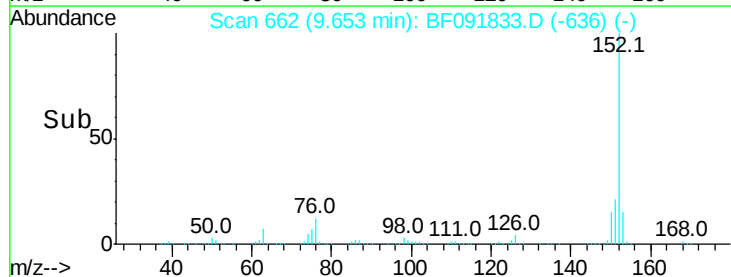
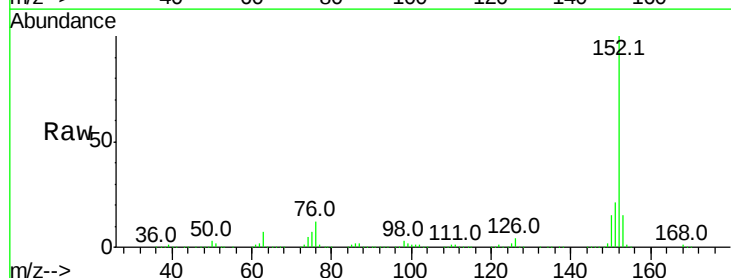
Manual Integrations
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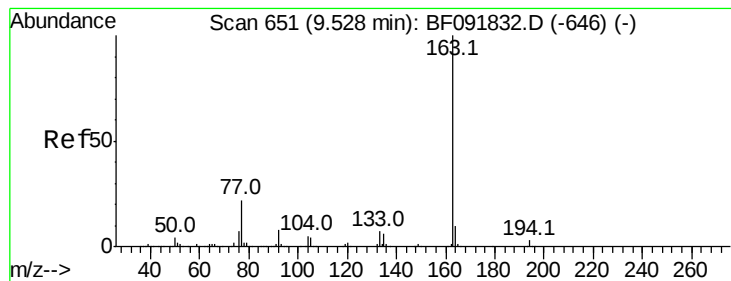
sohil
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#48
 Acenaphthylene
 Concen: 44.81 ng
 RT: 9.65 min Scan# 662
 Delta R.T. -0.00 min
 Lab File: BF091833.D
 Acq: 21 Dec 2016 14:05

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.9	25.3
153	14.6	11.4	17.2





#49

Dimethylphthalate

Concen: 45.39 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:163 Resp: 1678614

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

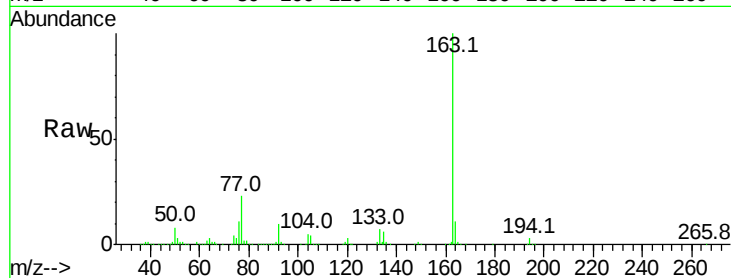
164 10.6 8.0 12.0

Manual Integrations

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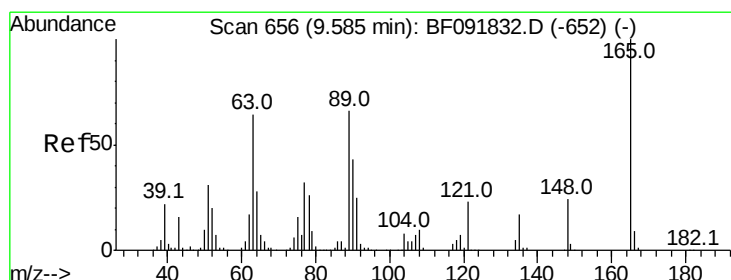
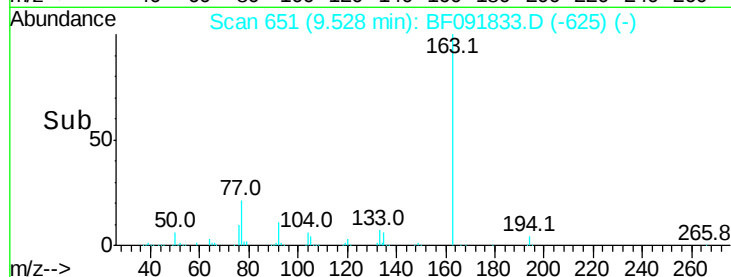
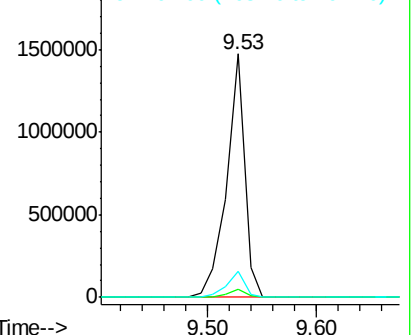
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.93 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

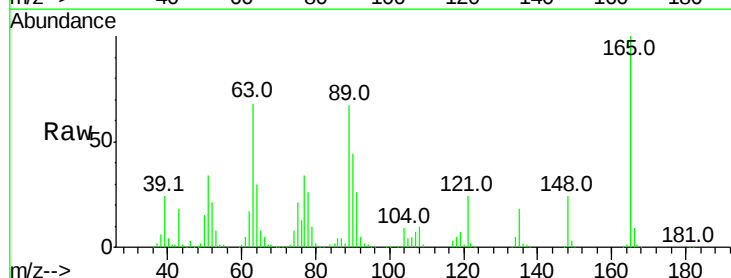
Tgt Ion:165 Resp: 348136

Ion Ratio Lower Upper

165 100

63 68.0 36.2 54.4#

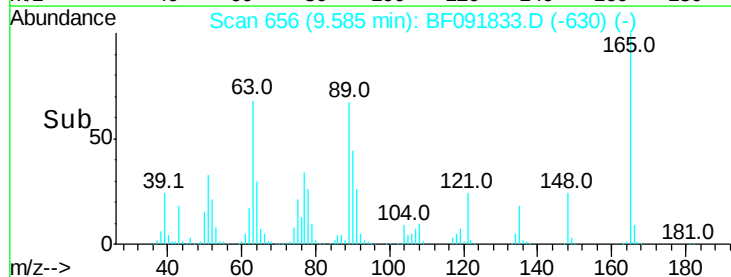
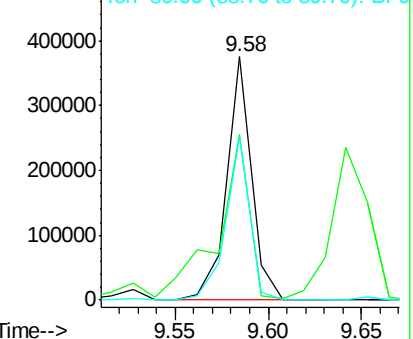
89 66.8 40.2 60.4#

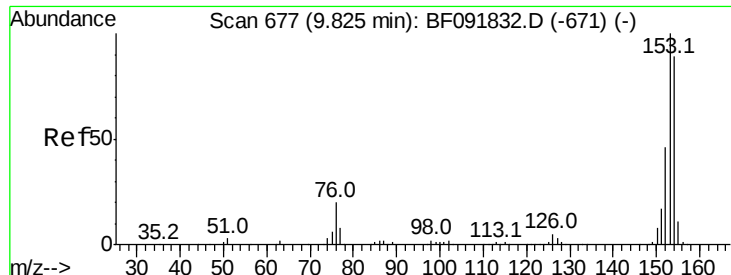


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





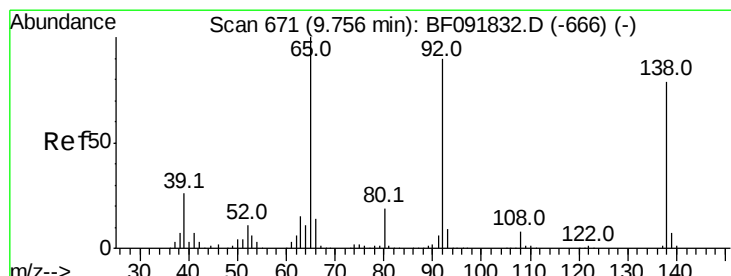
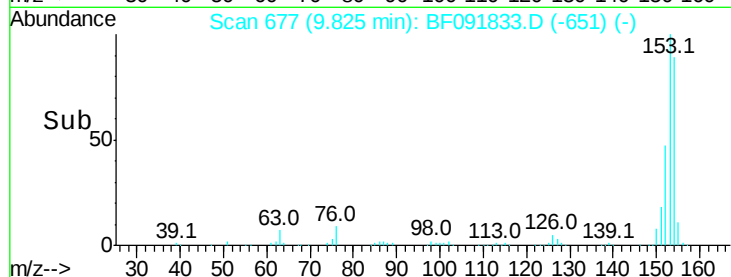
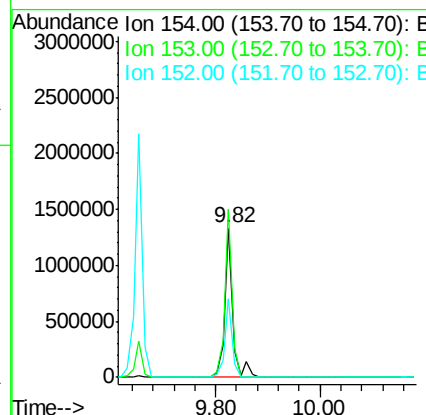
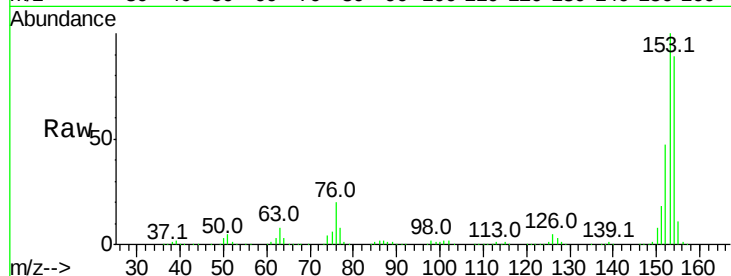
#51
Acenaphthene
Concen: 44.81 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.2	88.6	133.0
152	52.2	41.6	62.4

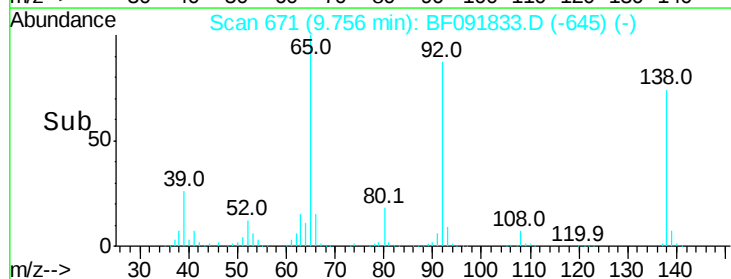
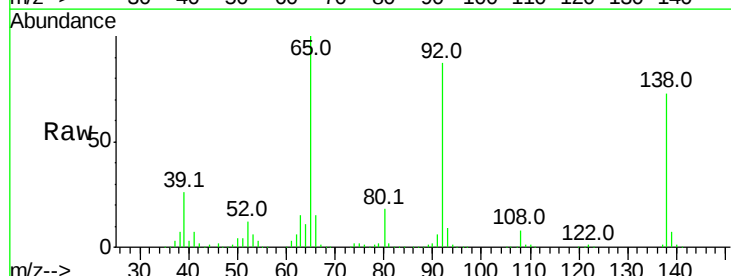
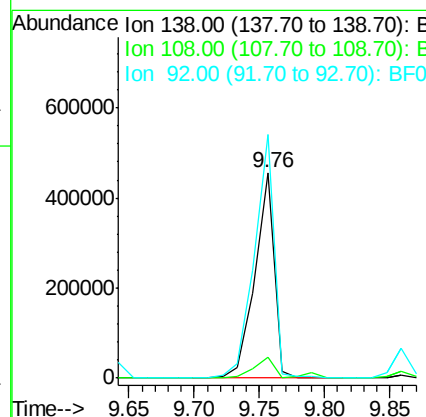
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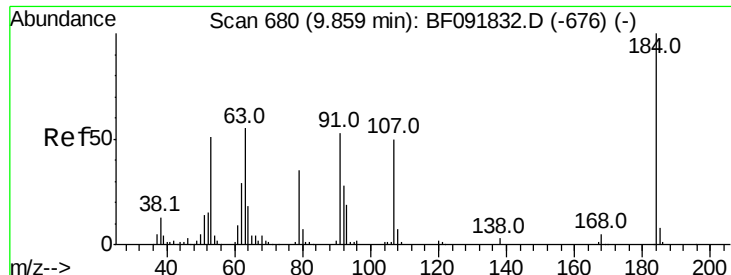
sohil
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#52
3-Nitroaniline
Concen: 47.10 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.5	12.7
92	118.4	97.8	146.8





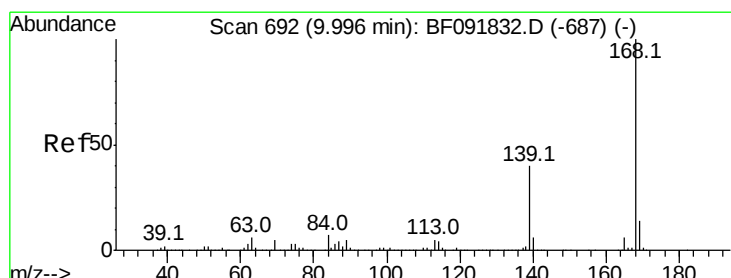
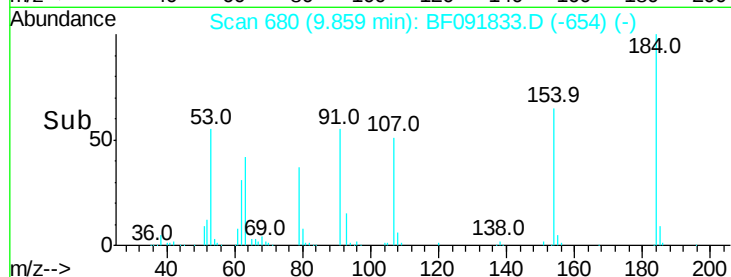
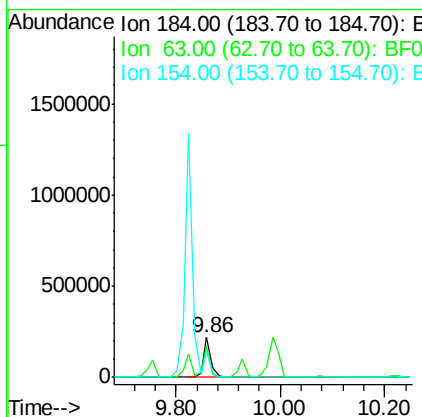
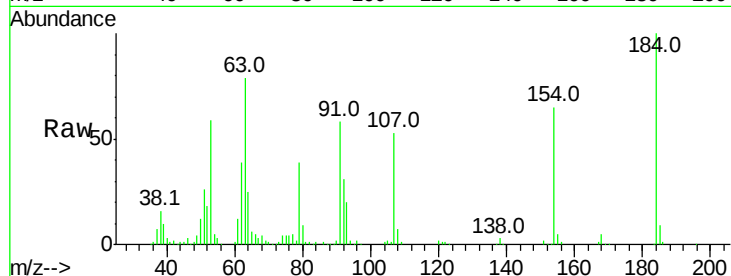
#53
2,4-Dinitrophenol
Concen: 51.92 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
184	100	227412		
63	78.6	28.4	42.6	#
154	64.8	44.3	66.5	

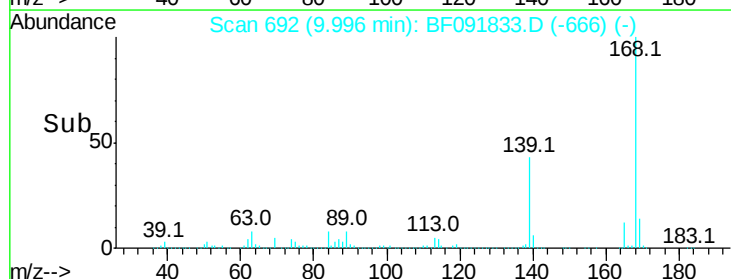
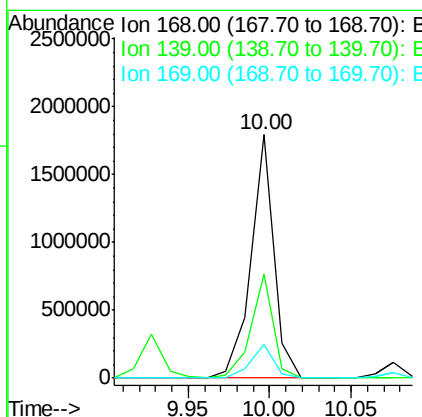
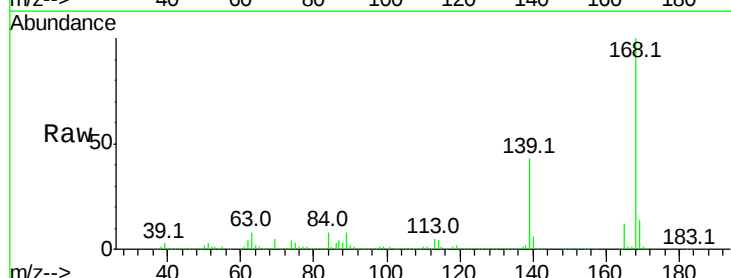
Manual Integrations
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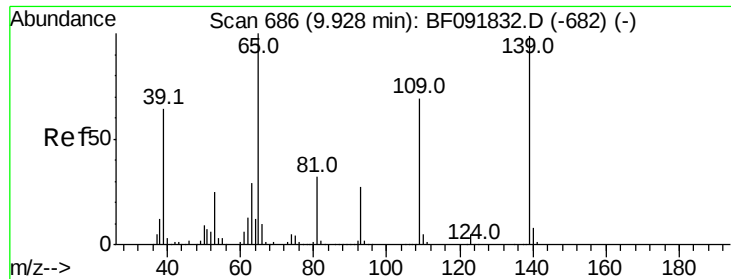
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#54
Dibenzofuran
Concen: 45.52 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1745505		
139	43.0	32.6	49.0	
169	14.0	11.3	16.9	





#55

4-Nitrophenol

Concen: 44.84 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

Instrument :

BNA_F

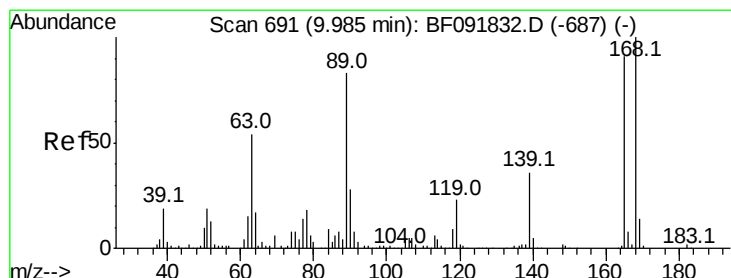
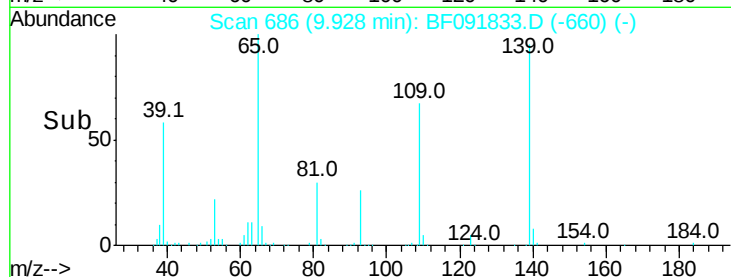
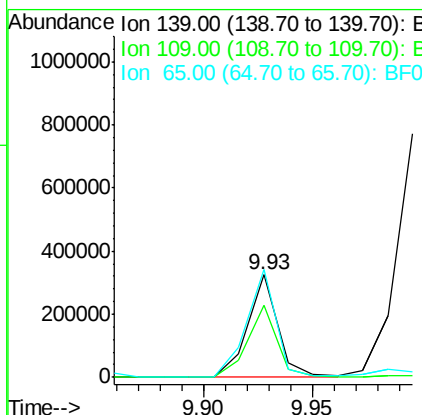
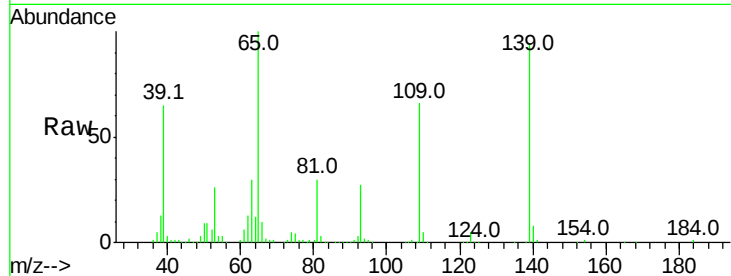
ClientSampleId :

SSTDICC050

Tot Ion:	139	Resp:	314375
Ion Ratio	Lower	Upper	
139	100		
109	70.2	52.2	92.2
65	106.0	85.8	125.8

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 45.26 ng

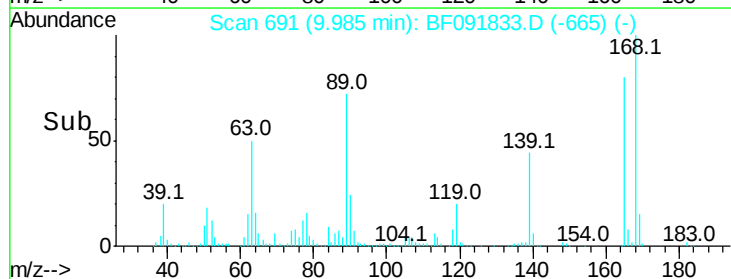
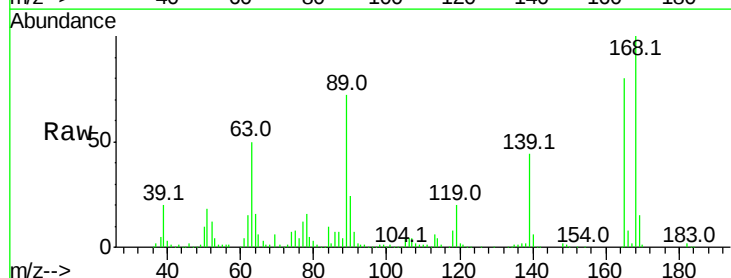
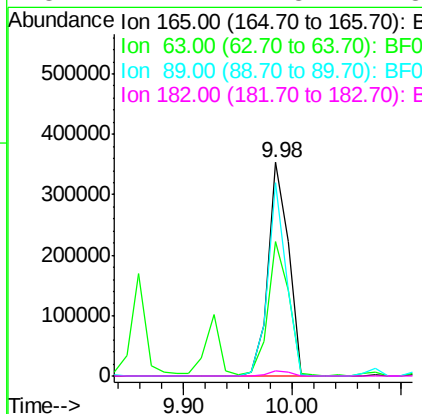
RT: 9.98 min Scan# 691

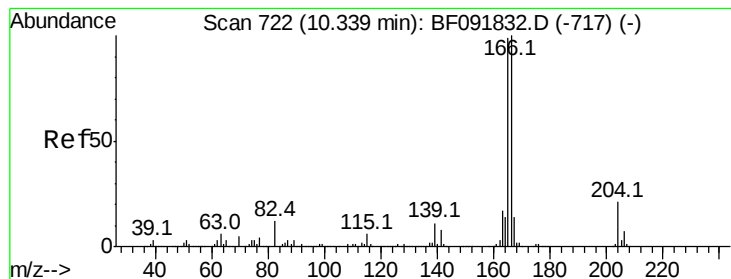
Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

Tgt Ion:	165	Resp:	458479
Ion Ratio	Lower	Upper	
165	100		
63	62.9	40.2	60.4#
89	90.6	62.5	93.7
182	2.2	1.8	2.8





#57

Fluorene

Concen: 47.81 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:166 Resp: 1424115

Ion Ratio Lower Upper

166 100

165 98.1 77.8 116.8

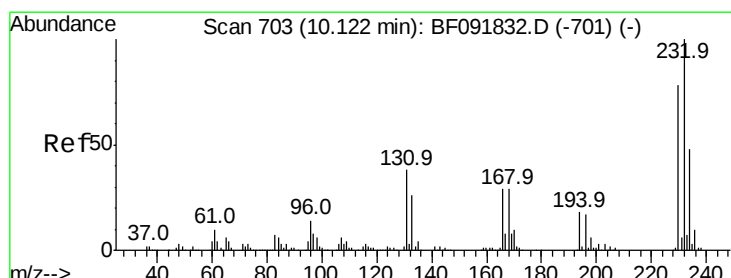
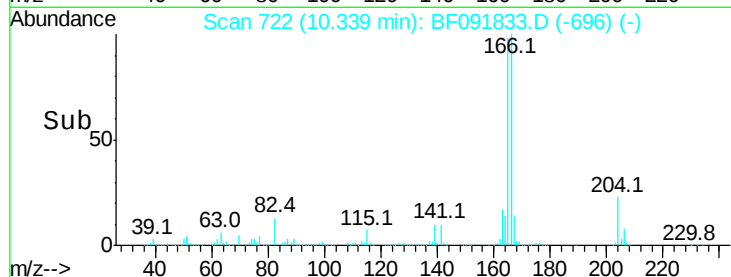
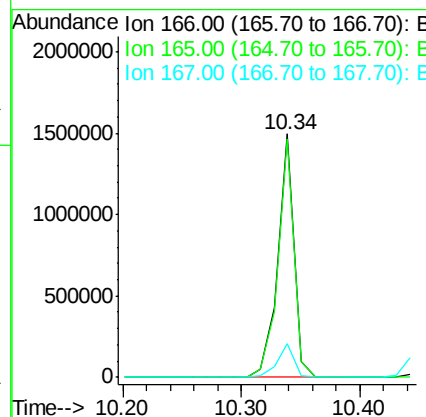
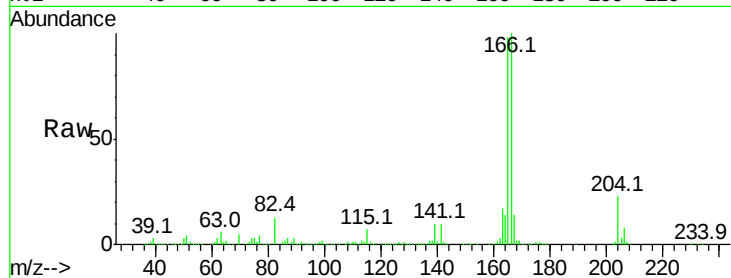
167 14.0 10.8 16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 49.62 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

Tgt Ion:232 Resp: 406415

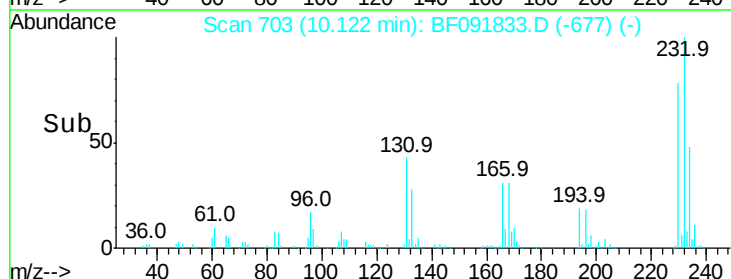
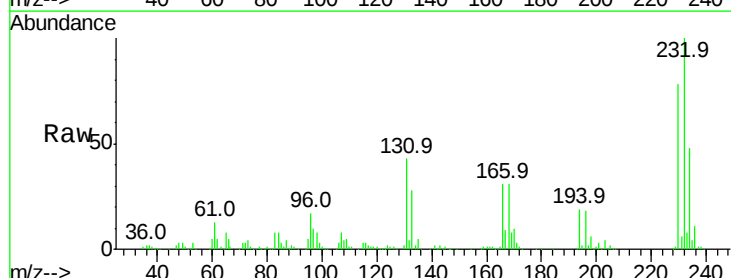
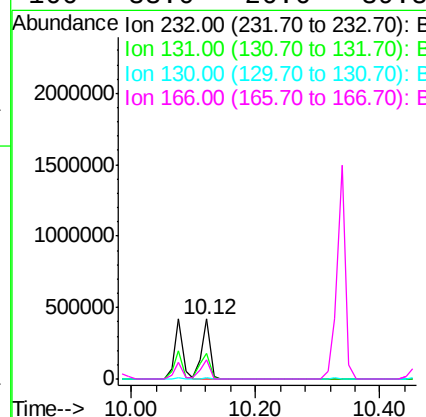
Ion Ratio Lower Upper

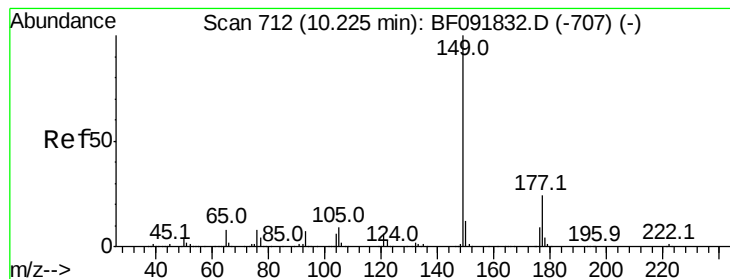
232 100

131 49.6 40.1 60.1

130 2.3 1.8 2.8

166 33.0 26.6 39.8





#59

Diethylphthalate

Concen: 47.99 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:149 Resp: 1744683

Ion Ratio Lower Upper

149 100

177 23.2 16.6 25.0

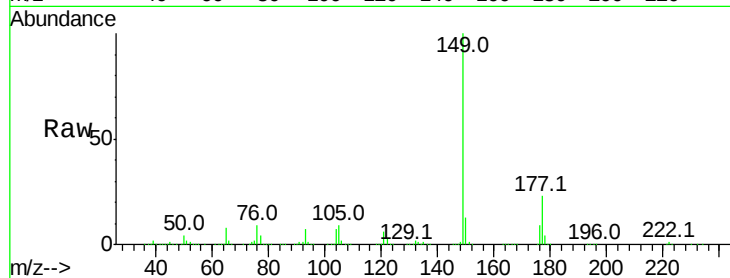
150 12.8 10.4 15.6

Manual Integrations

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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

10.22

1500000

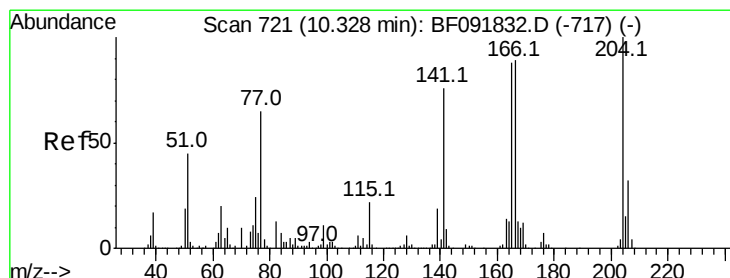
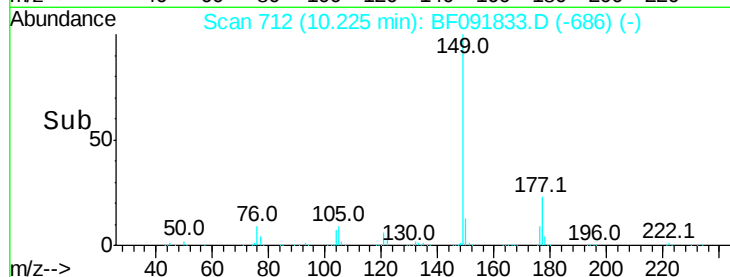
1000000

500000

0

10.20 10.30

Time-->



#60

4-Chlorophenyl-phenylether

Concen: 45.51 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

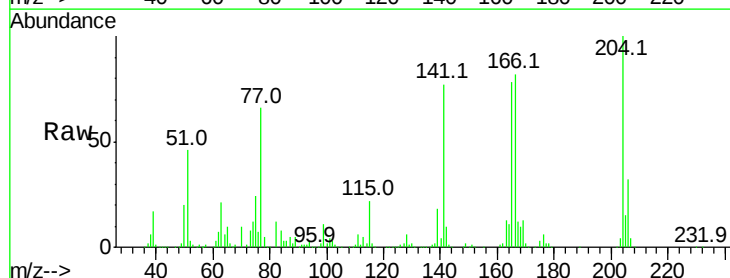
Tgt Ion:204 Resp: 617508

Ion Ratio Lower Upper

204 100

206 31.9 25.8 38.6

141 77.2 59.4 89.0



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

10.33

600000

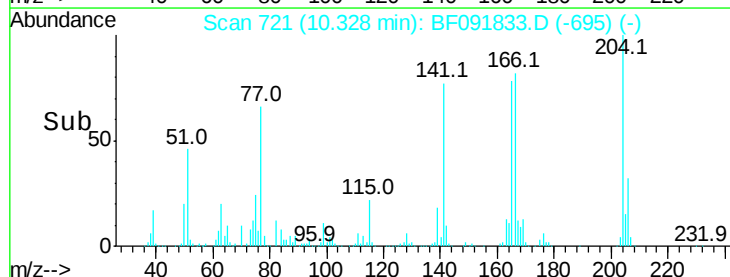
400000

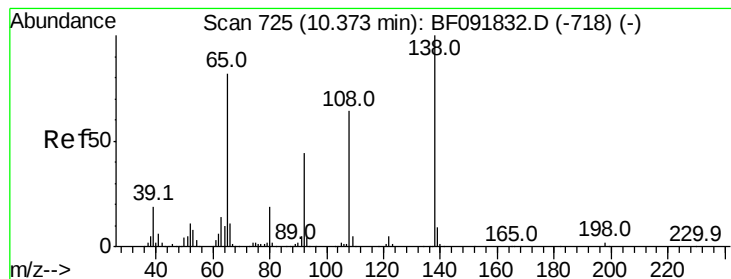
200000

0

10.25 10.30 10.35 10.40

Time-->





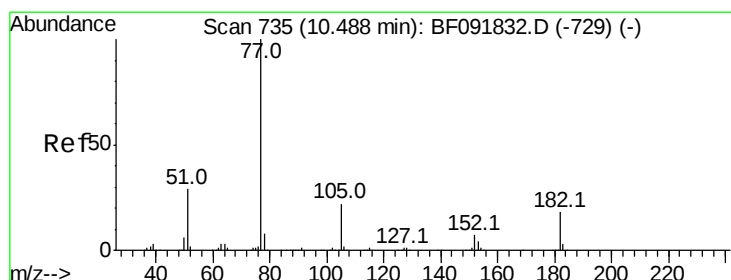
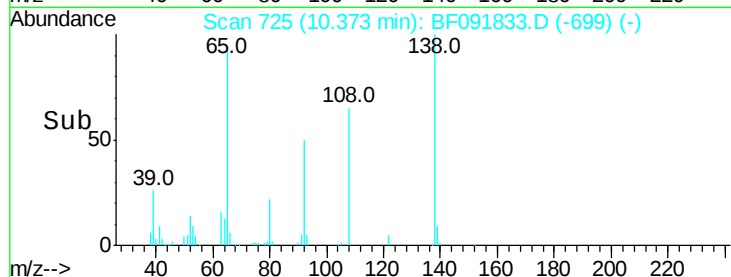
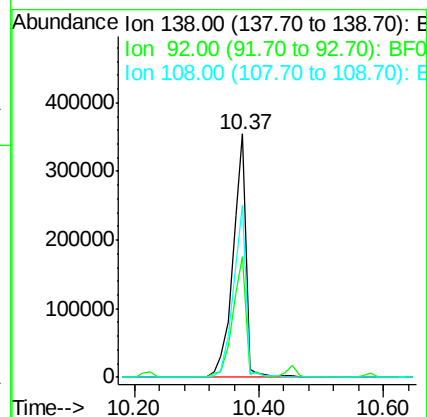
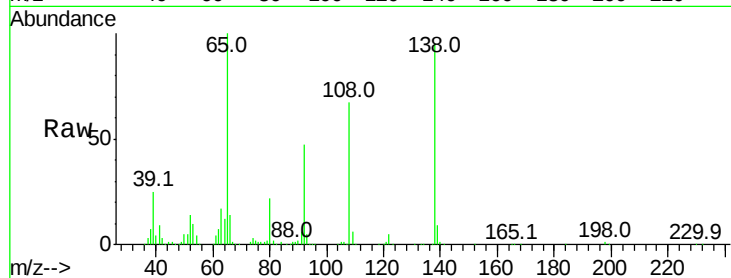
#61
4-Nitroaniline
Concen: 53.57 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.00 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.8	31.7	71.7
108	70.4	52.6	92.6

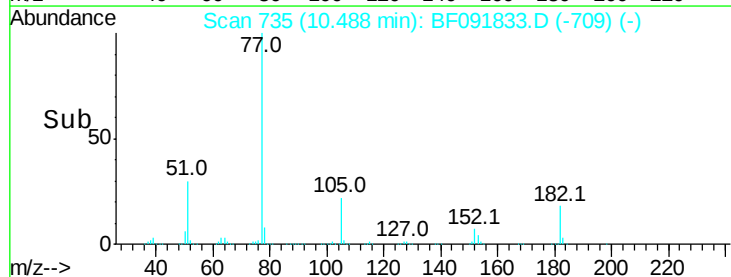
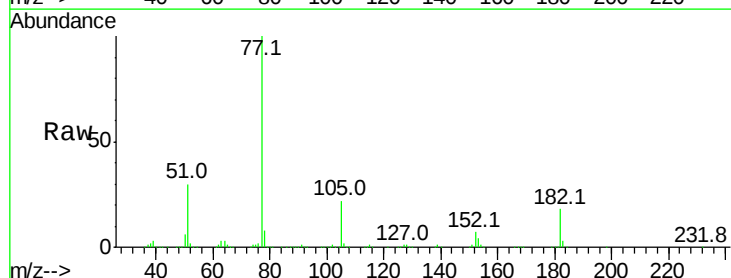
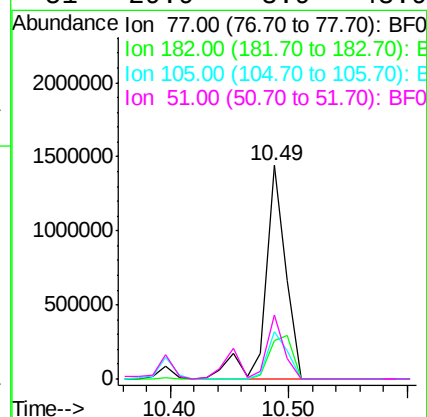
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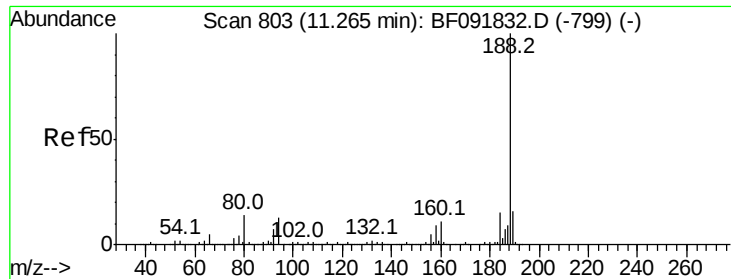
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#62
Azobenzene
Concen: 44.93 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.00 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

Tgt Ion	Ratio	Lower	Upper
77	100		
182	17.9	0.0	39.3
105	22.4	2.3	42.3
51	29.9	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: BF091833.D

Acq: 21 Dec 2016 14:05

Instrument :

BNA_F

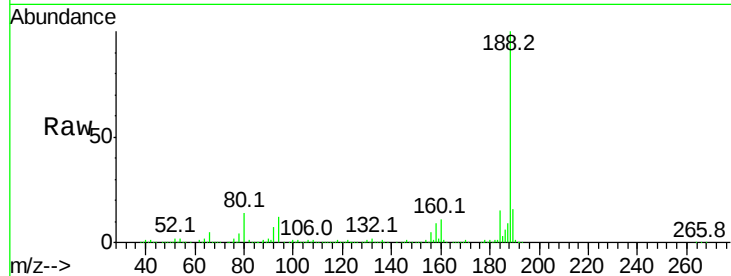
ClientSampleId :

SSTDIC050

Tot Ion:	188	Resp:	919669
Ion Ratio	Lower	Upper	
188	100		
94	12.3	10.0	15.0
80	13.5	11.2	16.8

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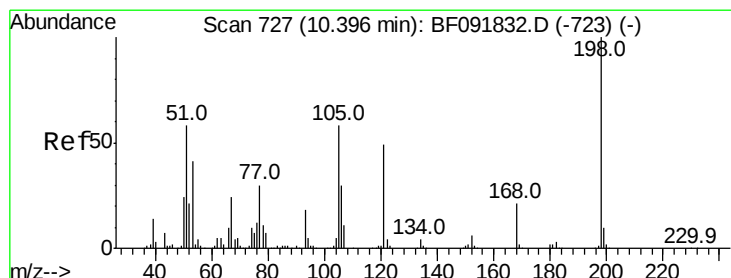
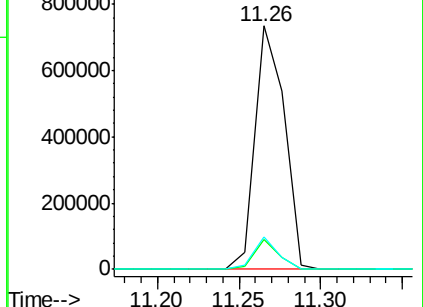
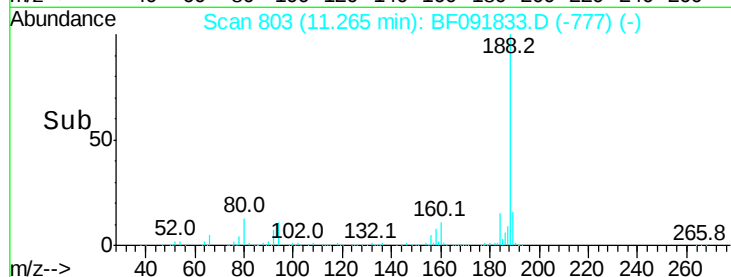
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 44.97 ng

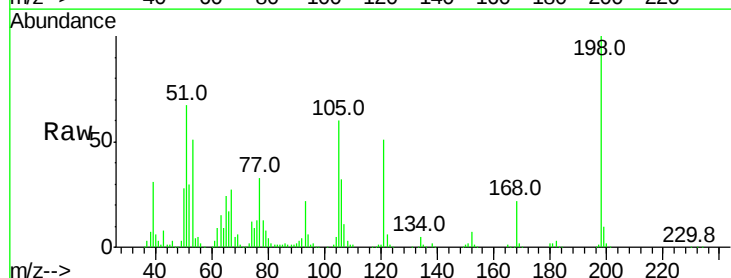
RT: 10.40 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

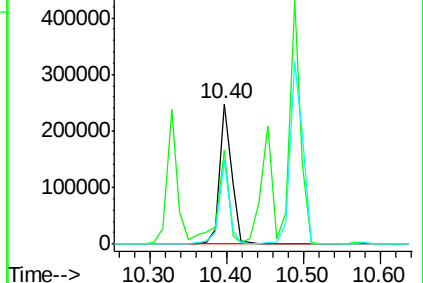
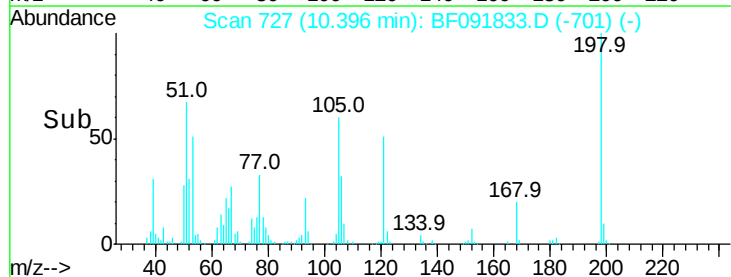
Tgt Ion:	198	Resp:	272780
Ion Ratio	Lower	Upper	
198	100		
51	66.9	6.7	46.7#
105	59.9	16.6	56.6#

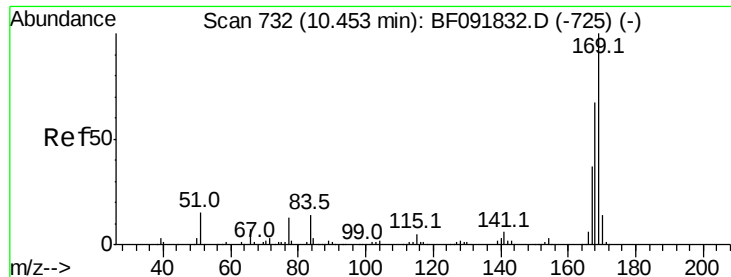


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





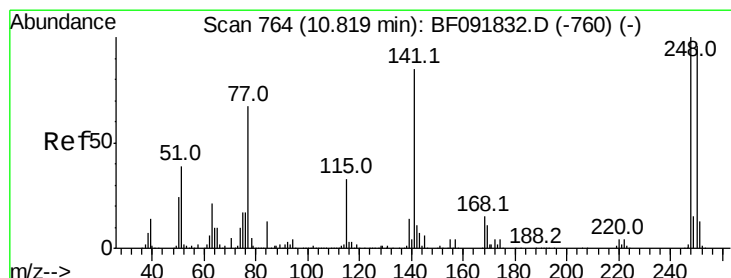
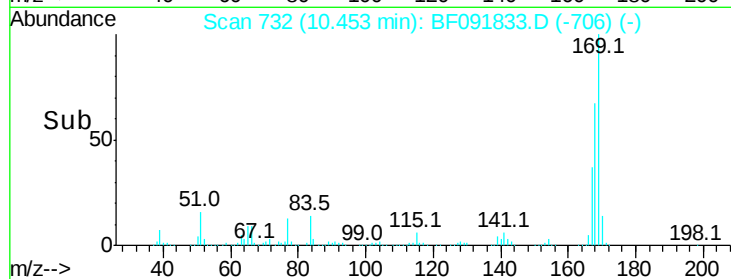
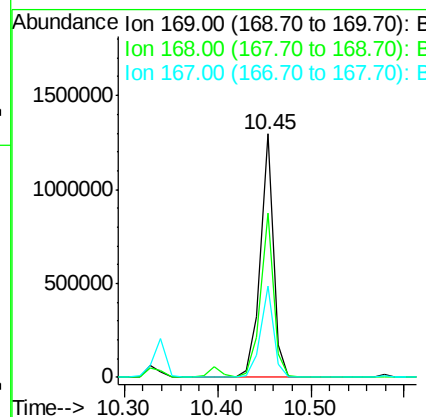
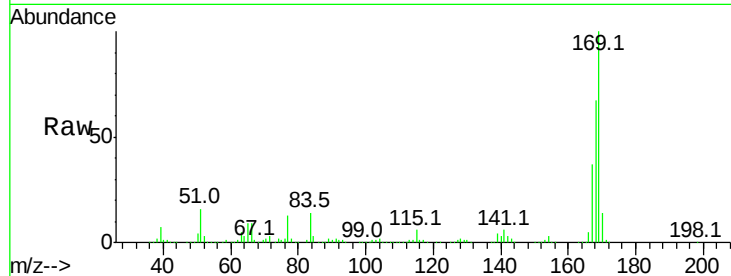
#65
n-Nitrosodiphenylamine
Concen: 44.25 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:169 Resp: 1263738
Ion Ratio Lower Upper
169 100
168 67.4 54.2 81.2
167 37.3 30.2 45.4

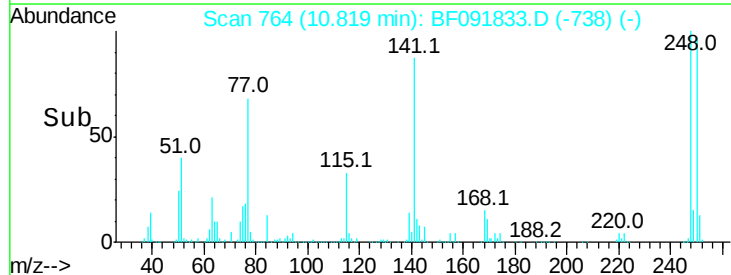
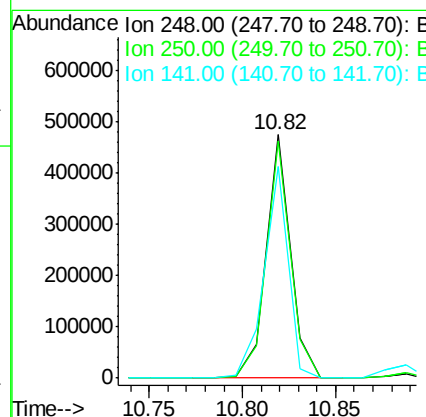
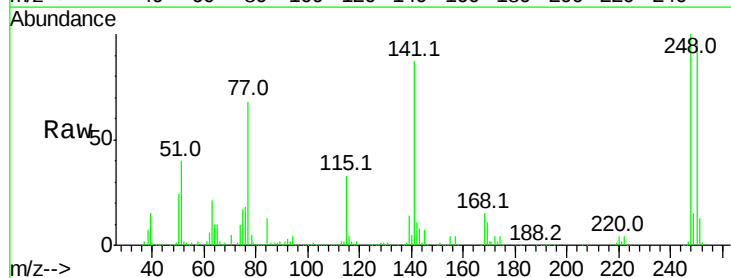
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#66
4-Bromophenyl-phenylether
Concen: 44.38 ng
RT: 10.82 min Scan# 764
Delta R.T. -0.00 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

Tgt Ion:248 Resp: 427971
Ion Ratio Lower Upper
248 100
250 97.4 76.9 115.3
141 87.1 68.2 102.4





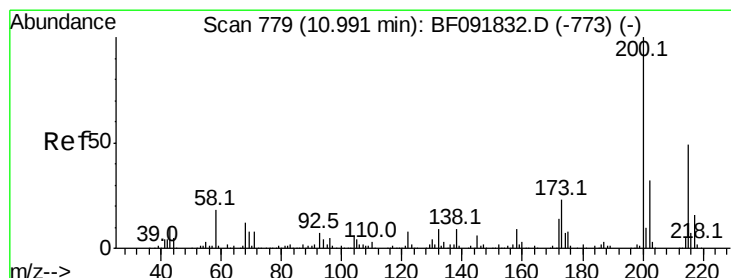
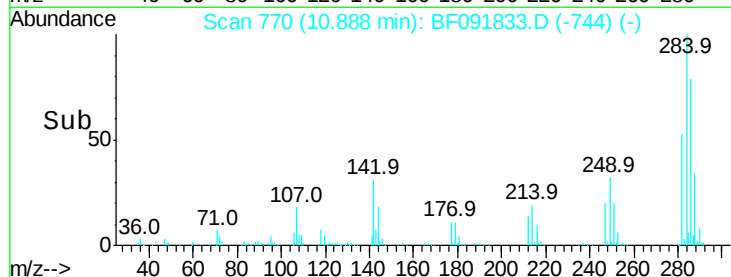
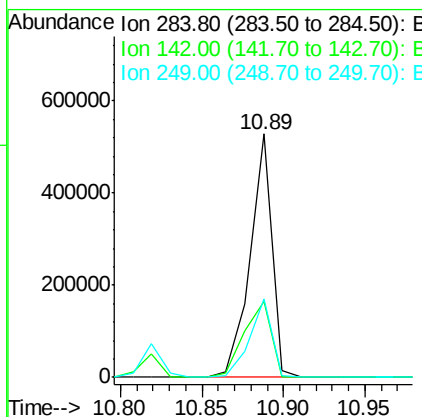
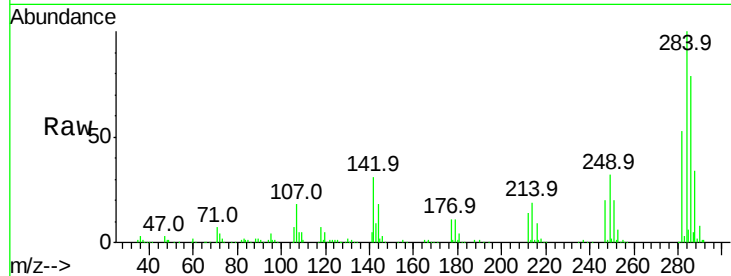
#67
Hexachlorobenzene
Concen: 48.45 ng
RT: 10.89 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	31.2	22.6	33.8	
249	32.0	25.4	38.0	

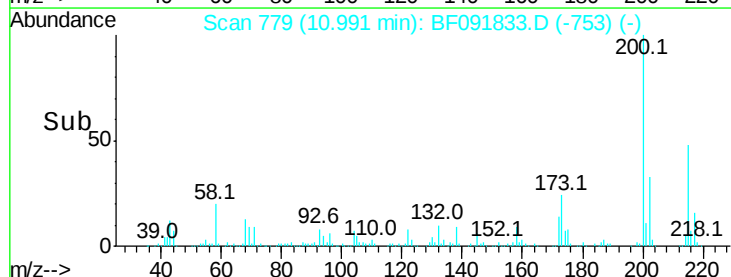
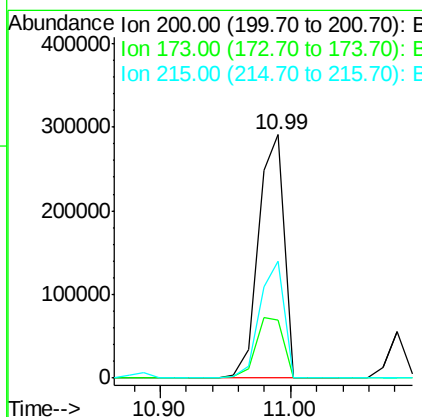
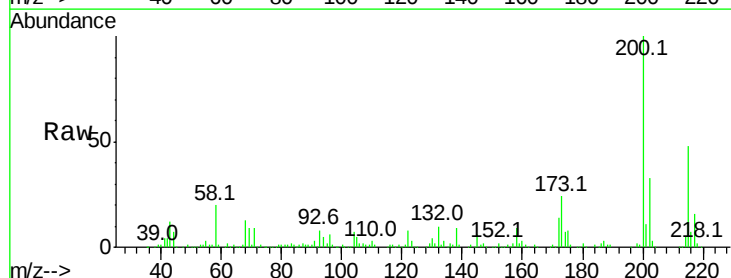
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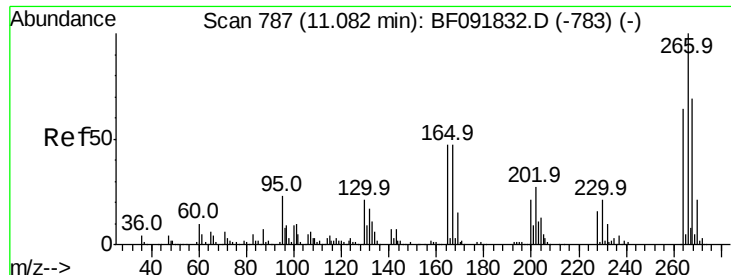
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#68
Atrazine
Concen: 46.12 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	24.1	9.6	49.6	
215	47.8	25.7	65.7	





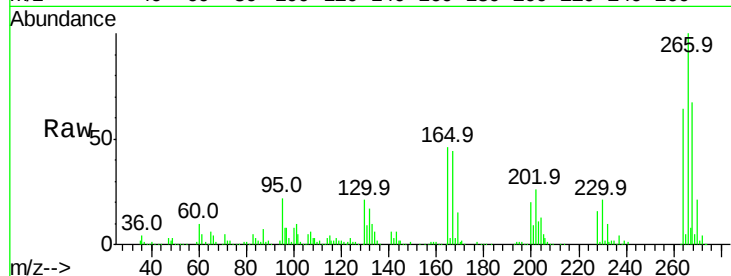
#69
 Pentachlorophenol
 Concen: 47.20 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF091833.D
 Acq: 21 Dec 2016 14:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

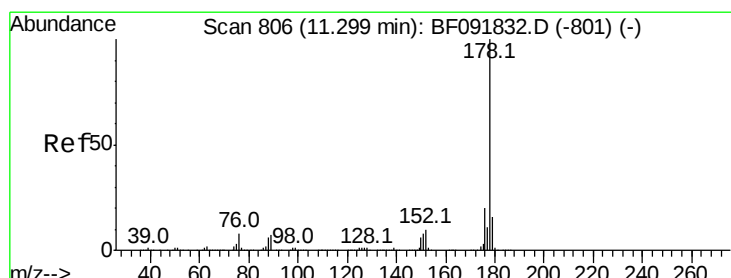
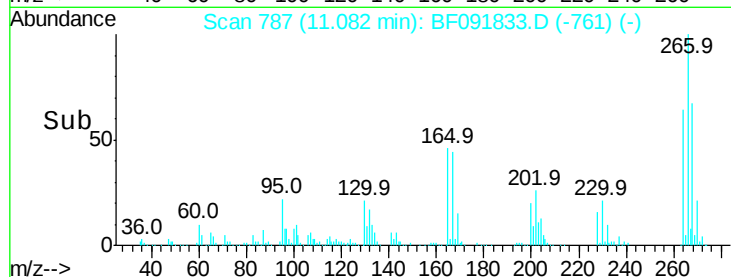
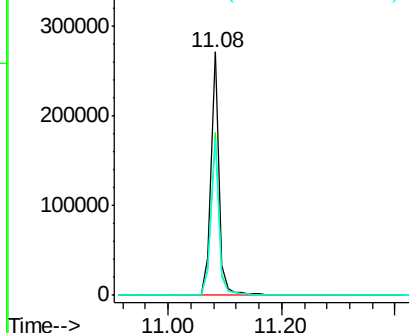
Tot Ion	Ratio	Resp	Lower	Upper
266	100	257384		
268	67.0		53.3	79.9
264	63.8		50.3	75.5

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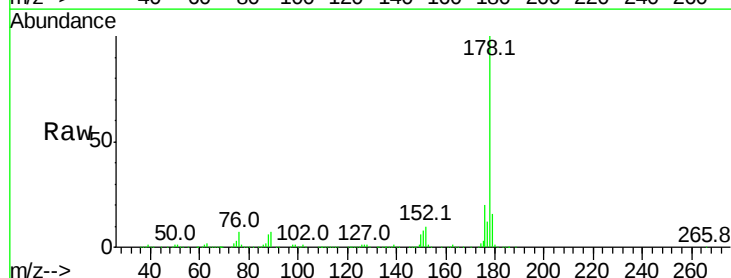


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

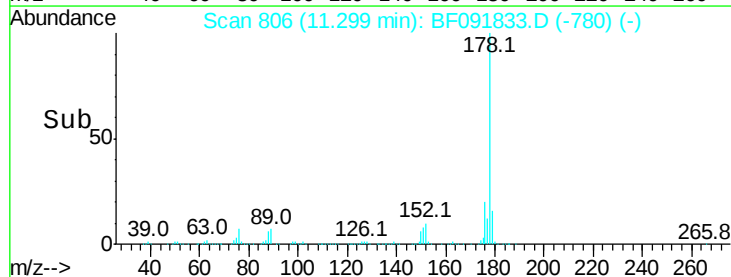
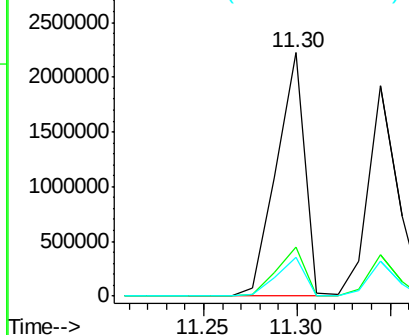


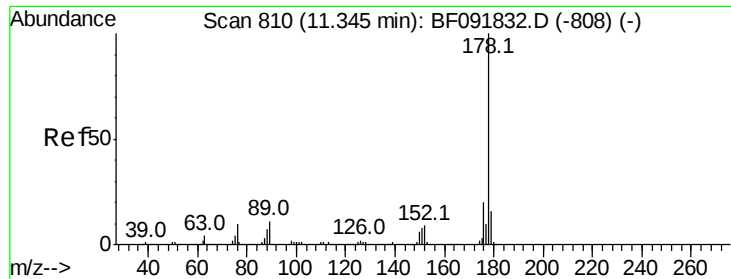
#70
 Phenanthrene
 Concen: 51.22 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF091833.D
 Acq: 21 Dec 2016 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2353947		
176	20.4		16.6	25.0
179	16.1		12.8	19.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 42.16 ng

RT: 11.34 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:178 Resp: 2052125

Ion Ratio Lower Upper

178 100

176 19.8 15.9 23.9

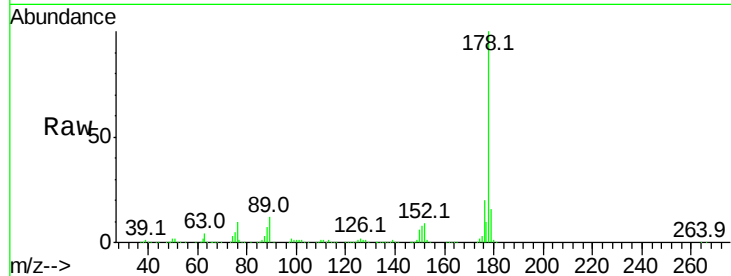
179 16.4 13.2 19.8

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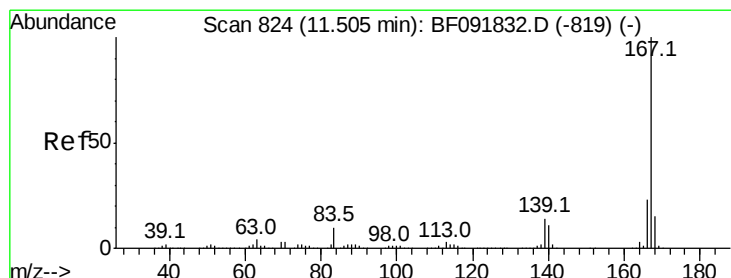
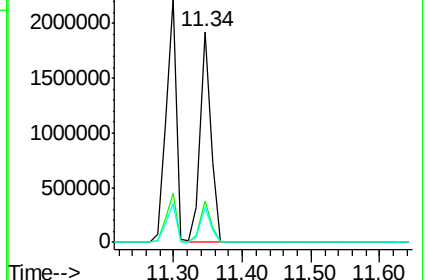
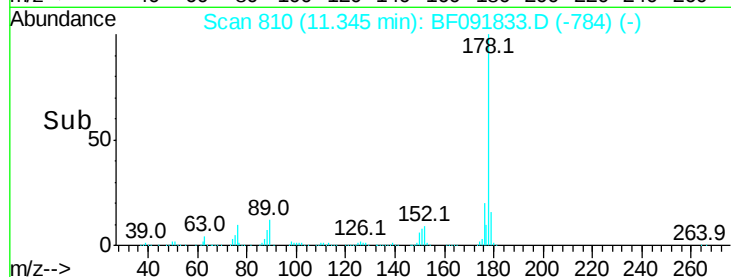
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 45.24 ng

RT: 11.50 min Scan# 824

Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

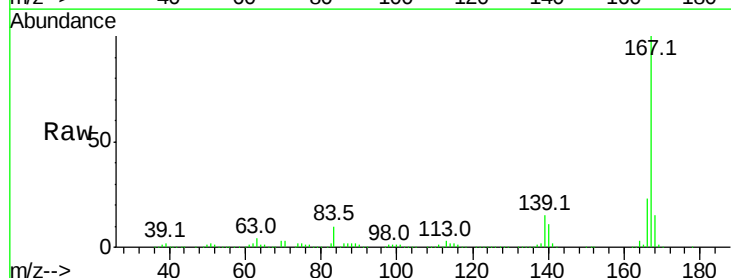
Tgt Ion:167 Resp: 1925688

Ion Ratio Lower Upper

167 100

166 22.8 18.2 27.2

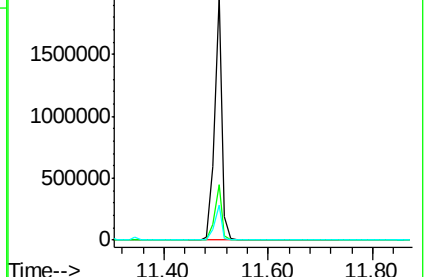
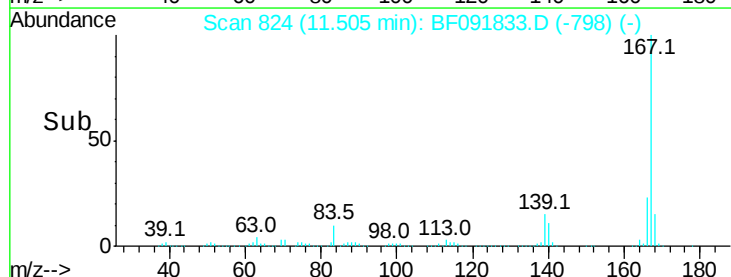
139 14.6 11.4 17.2

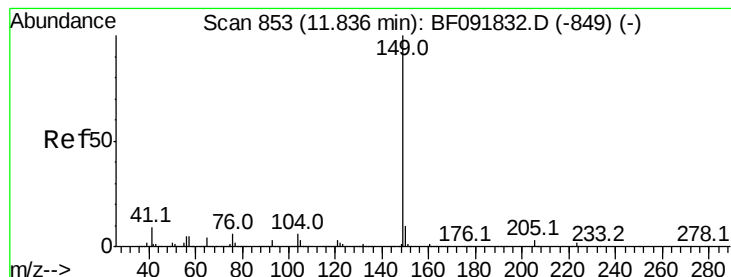


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.61 ng

RT: 11.84 min Scan# 853

Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:149 Resp: 2270654

Ion Ratio Lower Upper

149 100

150 10.0 8.1 12.1

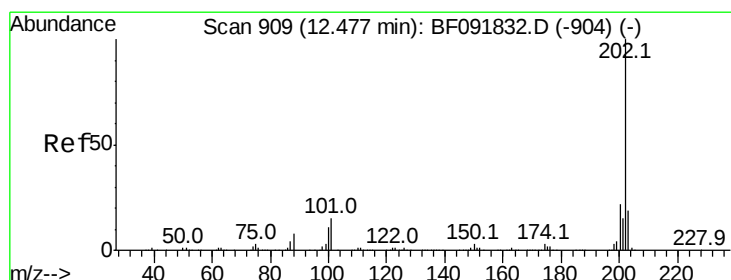
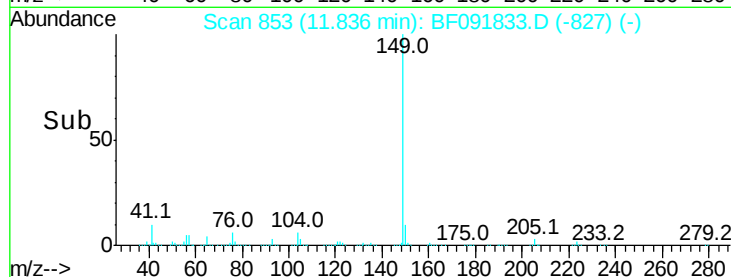
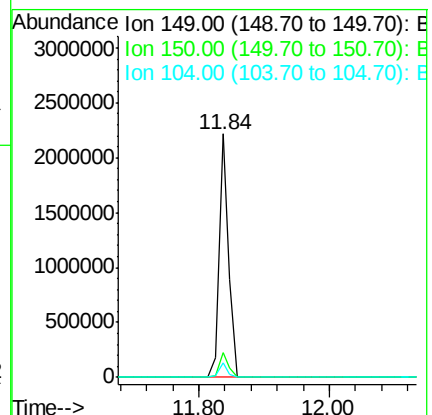
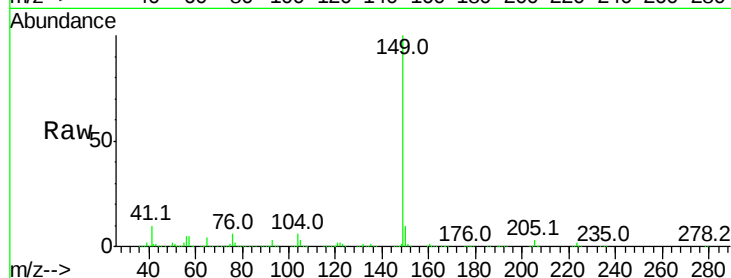
104 5.8 4.6 7.0

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#74

Fluoranthene

Concen: 43.50 ng

RT: 12.48 min Scan# 909

Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

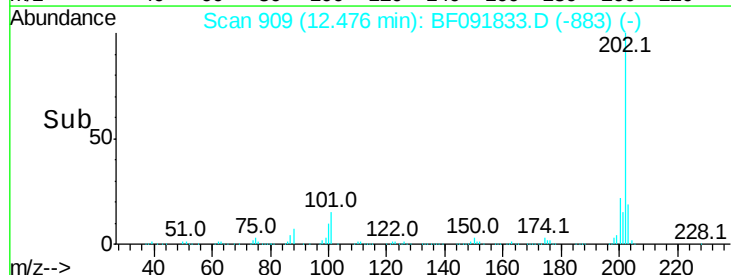
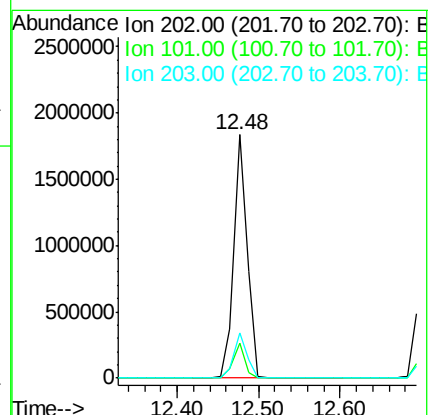
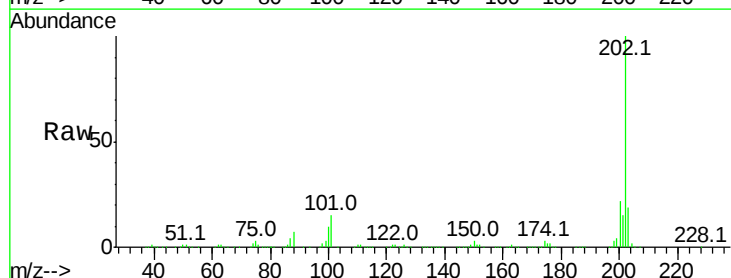
Tgt Ion:202 Resp: 2087961

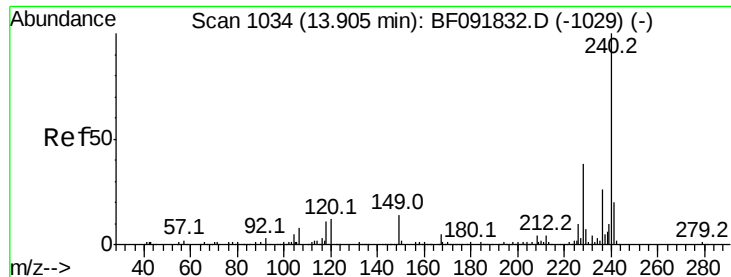
Ion Ratio Lower Upper

202 100

101 14.5 0.0 34.6

203 18.7 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

Instrument :

BNA_F

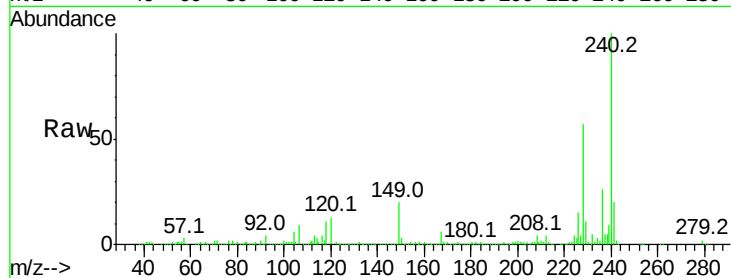
ClientSampleId :

SSTDIC050

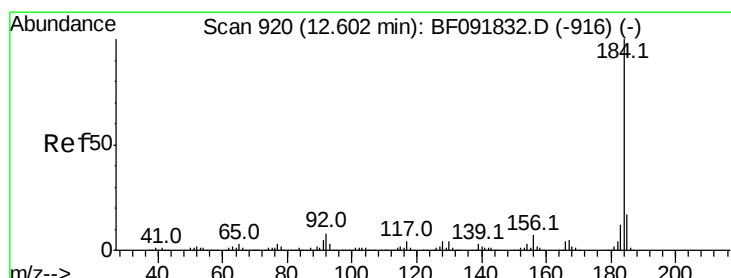
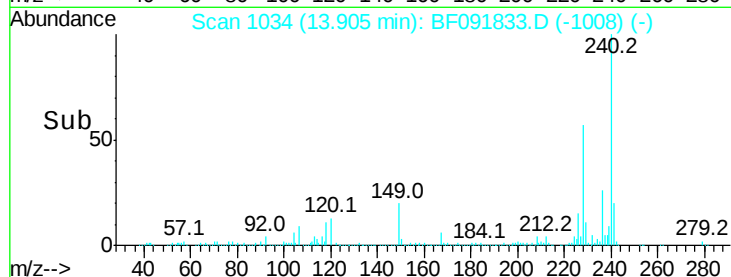
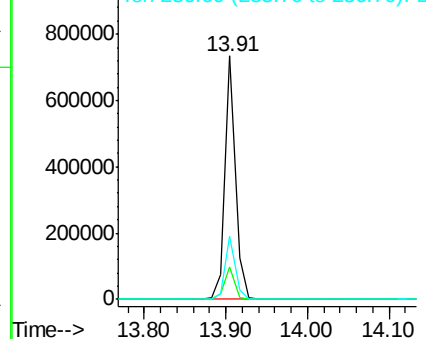
Tot Ion:	240	Resp:	649626
Ion Ratio		Lower	Upper
240	100		
120	13.5	12.9	19.3
236	26.1	20.9	31.3

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



#76

Benzidine

Concen: 42.62 ng

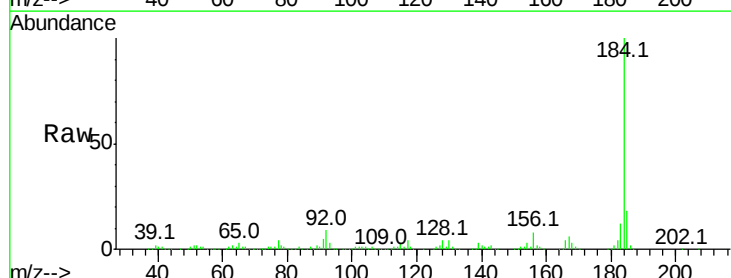
RT: 12.60 min Scan# 920

Delta R.T. -0.00 min

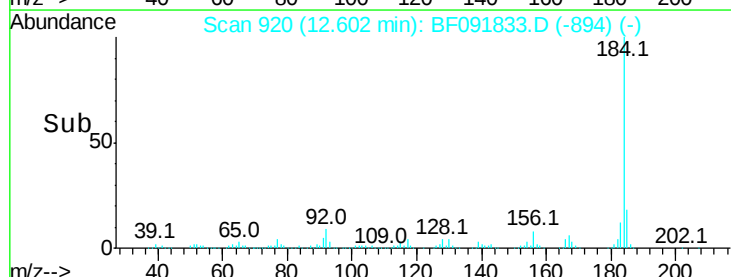
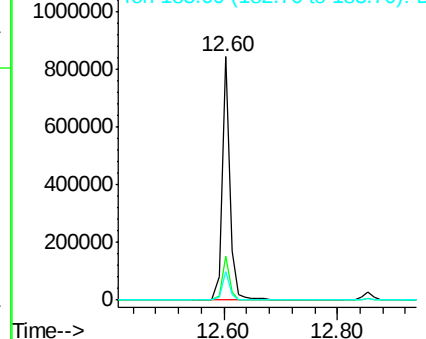
Lab File: BF091833.D

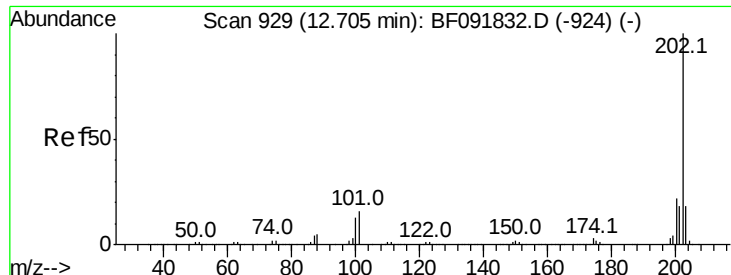
Acq: 21 Dec 2016 14:05

Tgt Ion:	184	Resp:	796966
Ion Ratio		Lower	Upper
184	100		
185	18.2	13.4	20.0
183	11.5	9.2	13.8



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





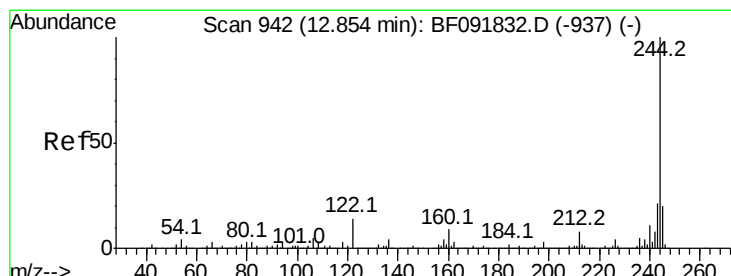
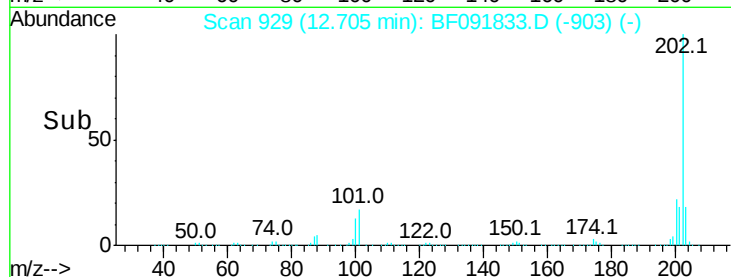
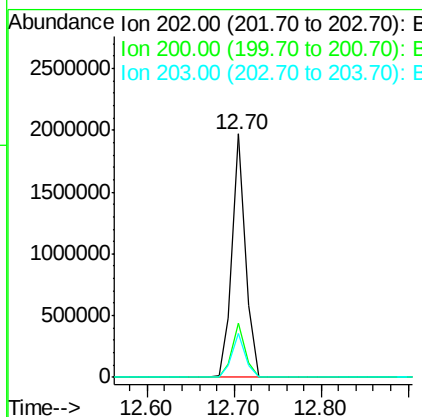
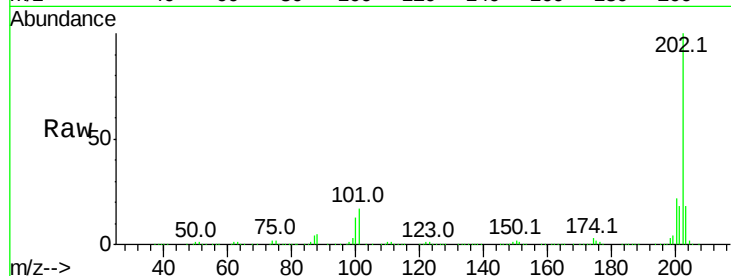
#77
Pvrene
Concen: 44.84 ng
RT: 12.70 min Scan# 929
Delta R.T. -0.00 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.7	26.5
203	18.3	14.7	22.1

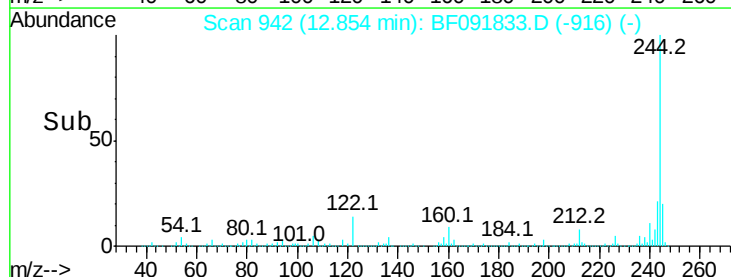
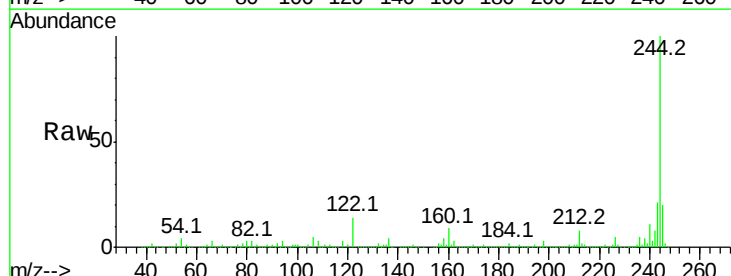
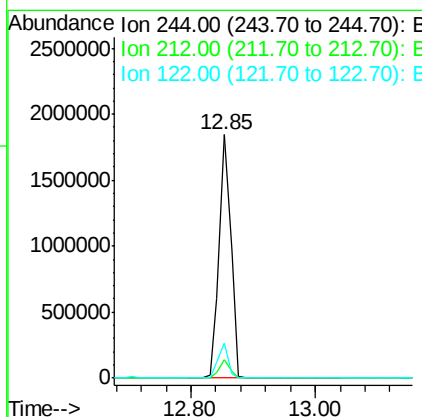
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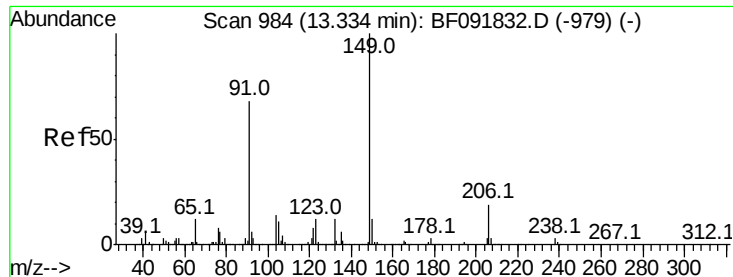
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#78
Terphenyl-d14
Concen: 92.32 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	14.2	11.4	17.2





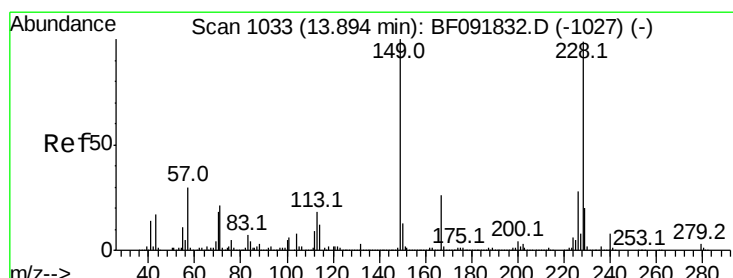
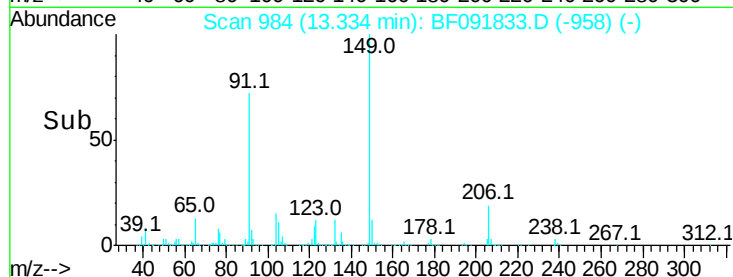
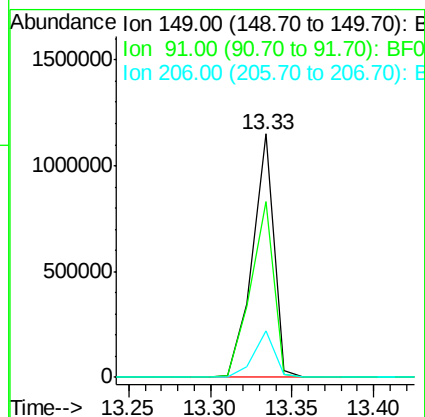
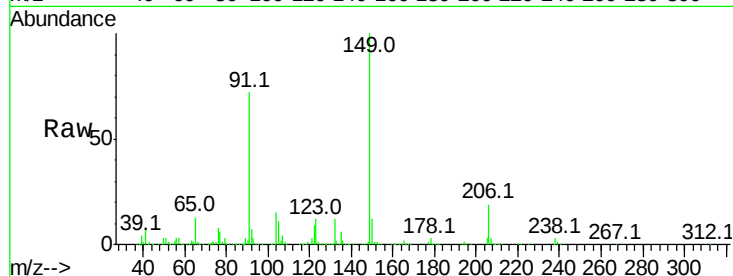
#79
Butylbenzylphthalate
Concen: 48.08 ng
RT: 13.33 min Scan# 984
Delta R.T. -0.00 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
149	100		
91	72.0	63.9	95.9
206	19.2	14.6	21.8

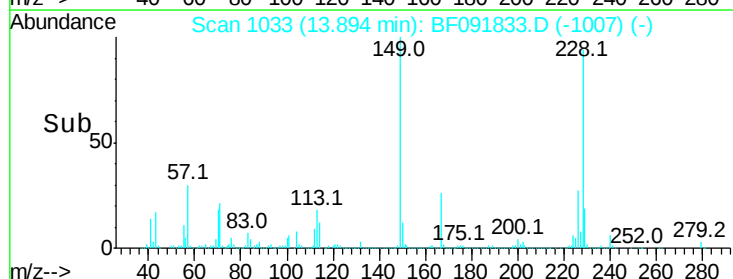
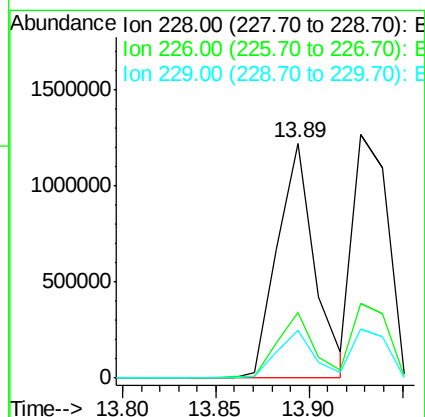
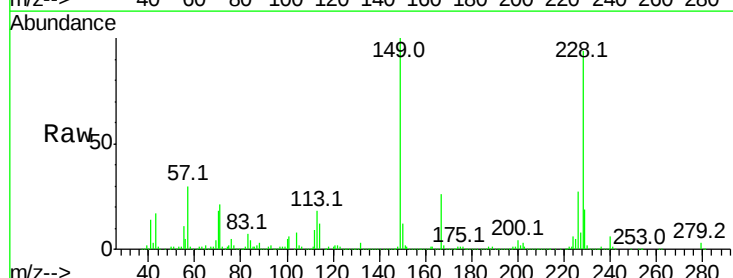
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#80
Benzo(a)anthracene
Concen: 45.76 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.4	33.6
229	20.4	16.2	24.4





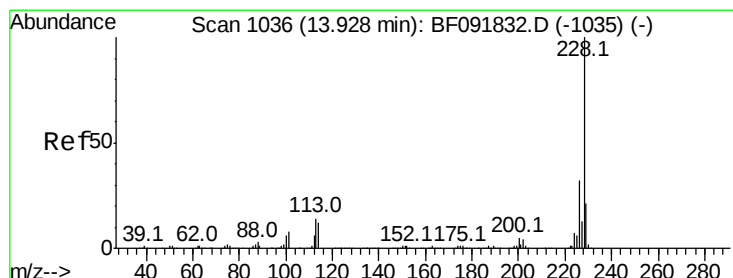
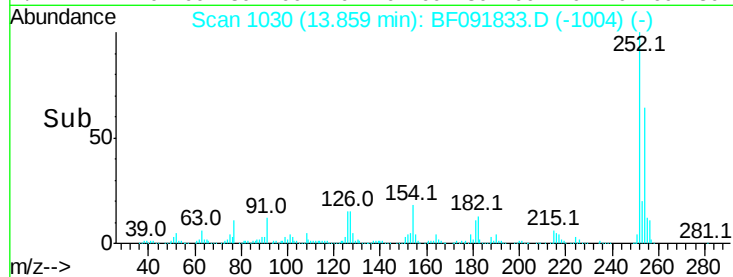
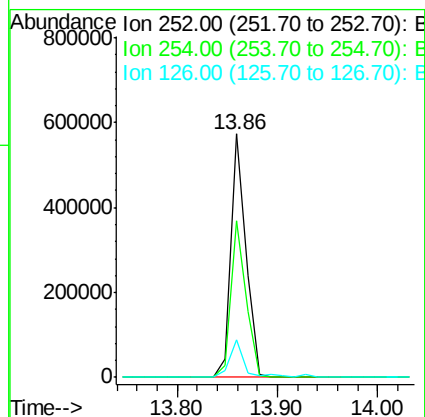
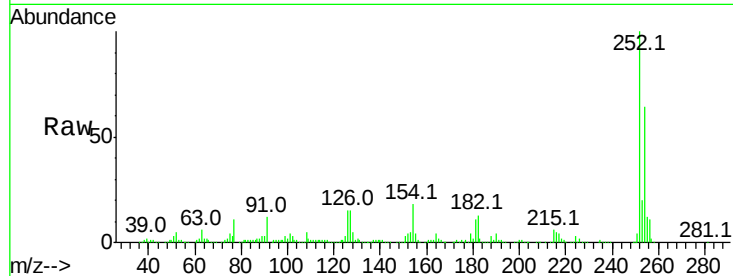
#81
 3,3'-Dichlorobenzidine
 Concen: 40.23 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BF091833.D
 Acq: 21 Dec 2016 14:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
252	100	598214		
254	64.5	52.3	78.5	
126	15.3	13.6	20.4	

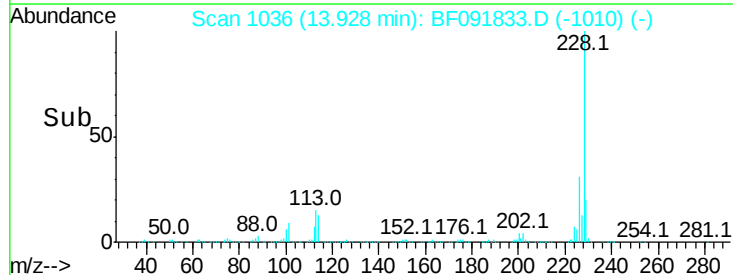
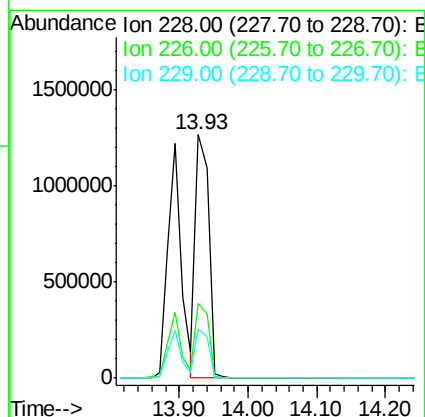
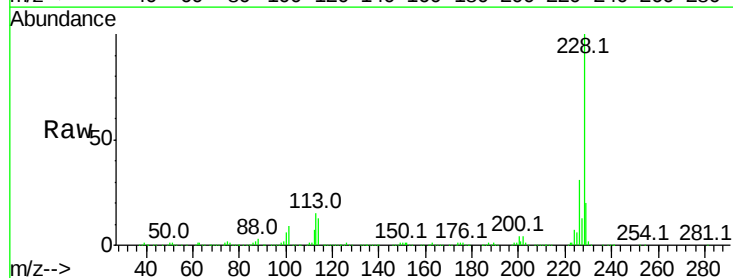
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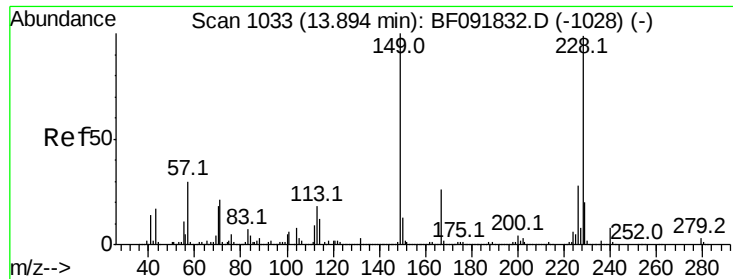
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#82
 Chrysene
 Concen: 42.84 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF091833.D
 Acq: 21 Dec 2016 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1649983		
226	30.9	25.4	38.0	
229	20.3	16.2	24.2	





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.23 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:149 Resp: 1176349

Ion Ratio Lower Upper

149 100

167 26.3 20.2 30.4

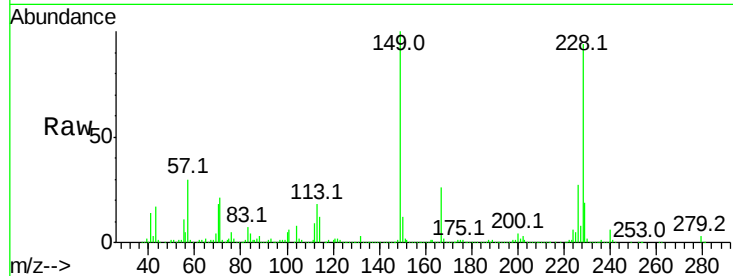
279 2.8 1.8 2.8#

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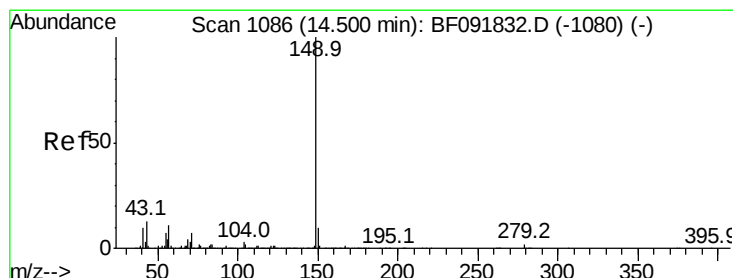
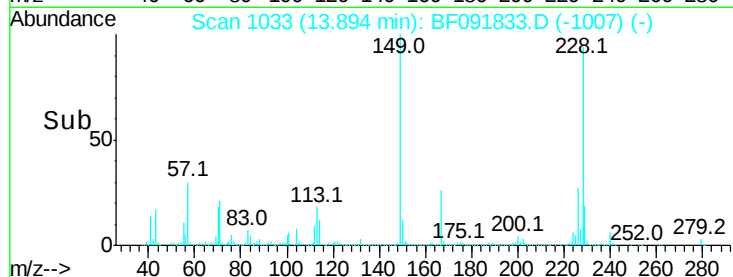
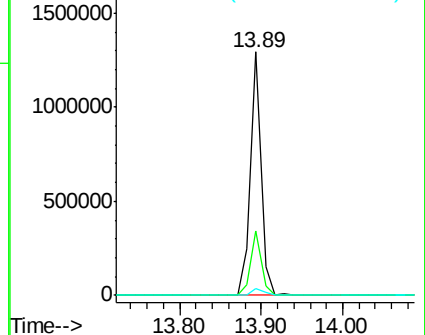
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.03 ng

RT: 14.50 min Scan# 1086

Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

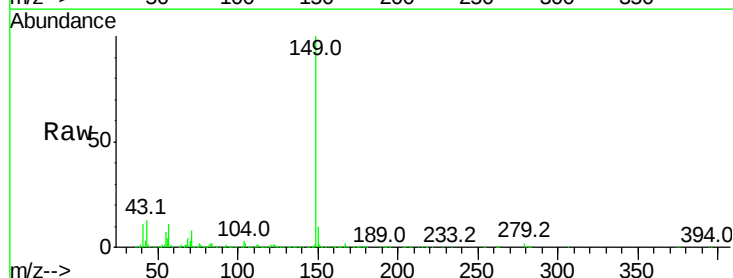
Tgt Ion:149 Resp: 2157398

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

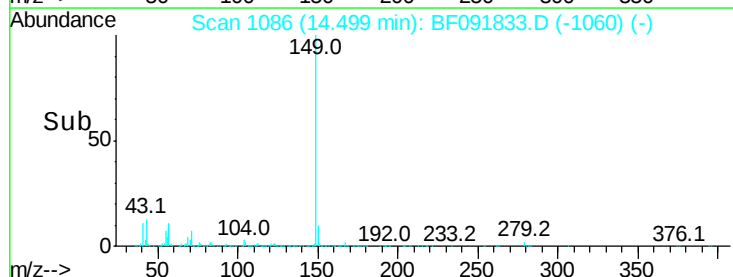
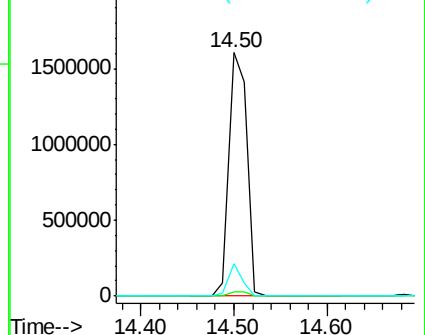
43 10.6 8.9 13.3

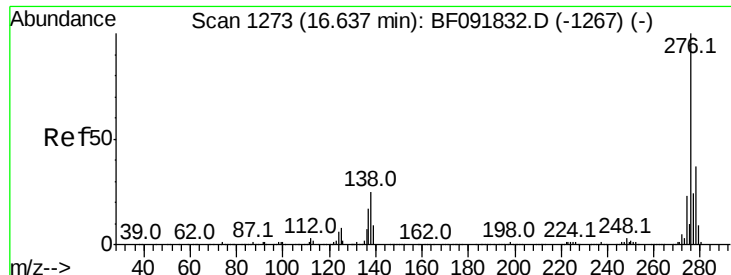


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





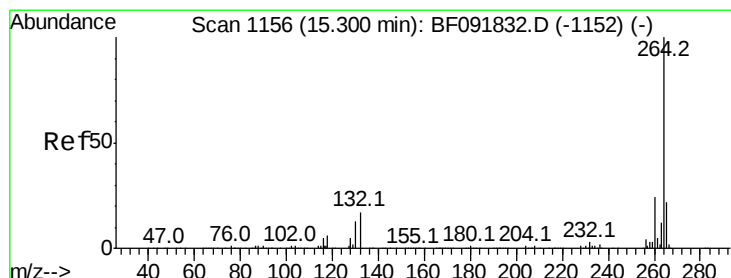
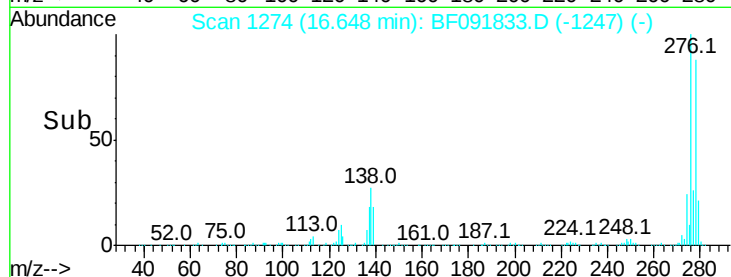
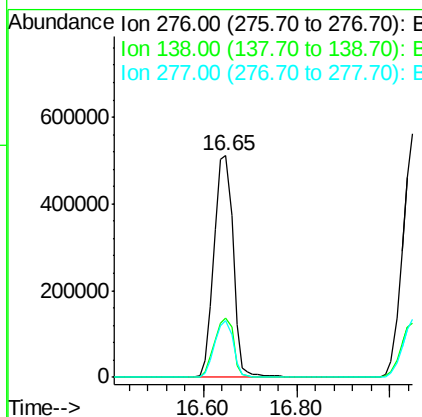
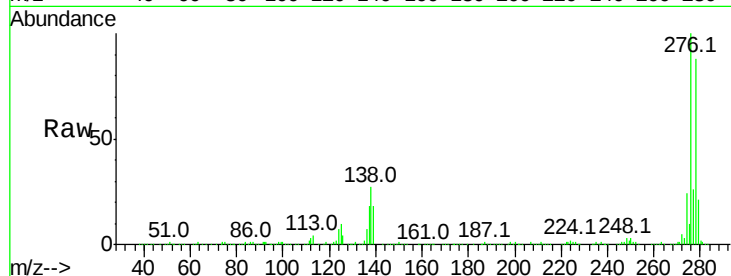
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.56 ng
RT: 16.65 min Scan# 1274
Delta R.T. 0.01 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.1	21.8	32.6
277	25.1	20.2	30.4

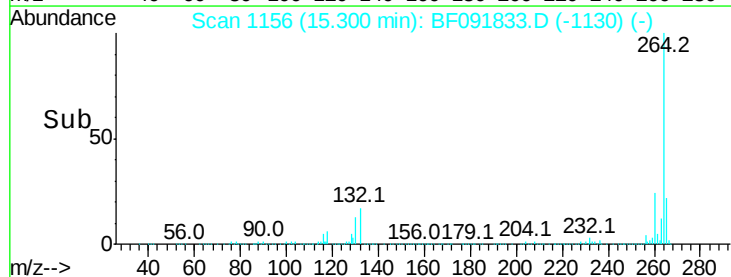
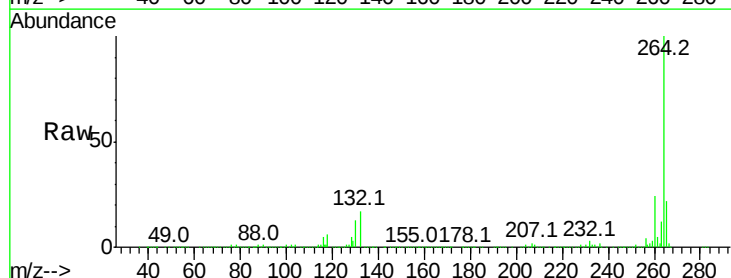
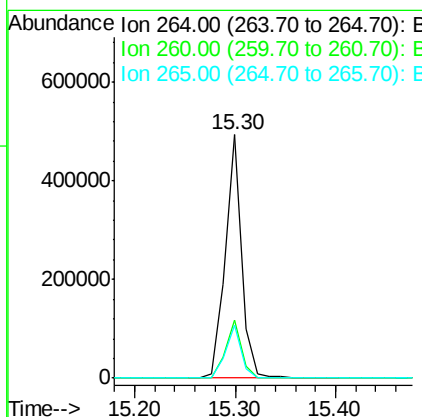
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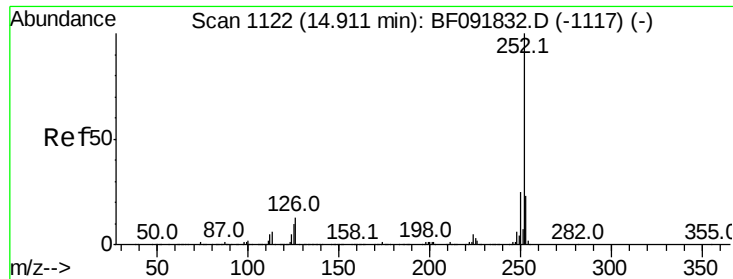
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.6	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 47.39 ng m

RT: 14.91 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:252 Resp: 1672950

Ion Ratio Lower Upper

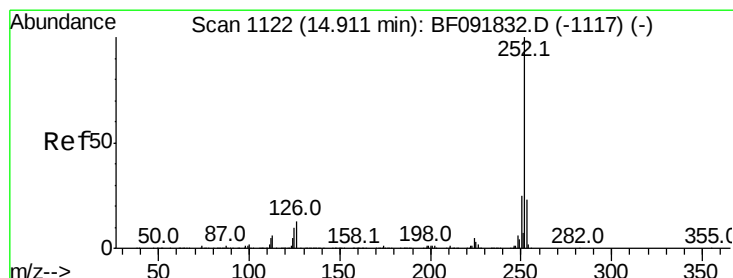
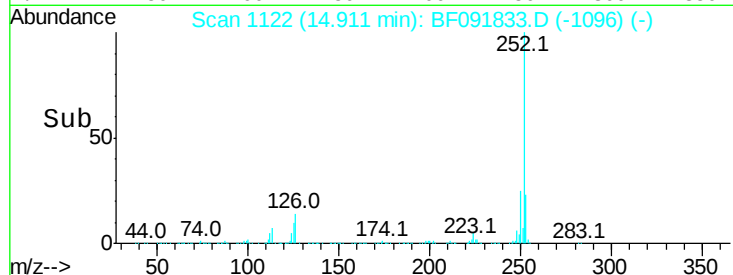
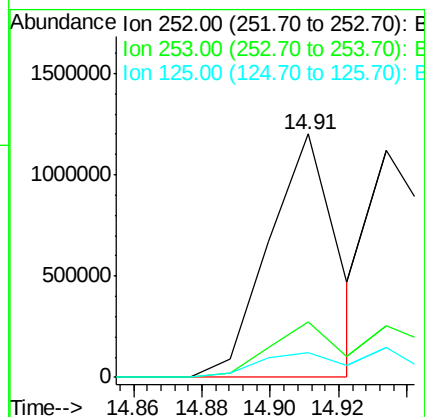
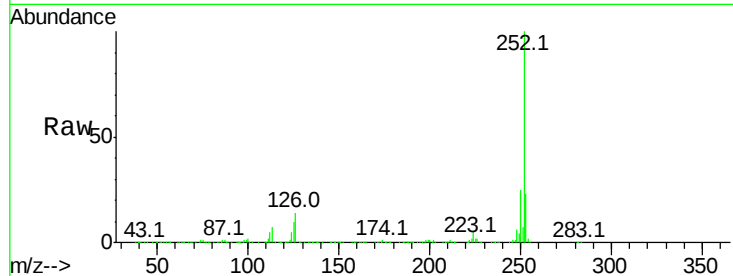
252 100

253 22.6 18.2 27.4

125 10.3 9.8 14.6

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#88

Benzo(k)fluoranthene

Concen: 54.86 ng m

RT: 14.93 min Scan# 1124

Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

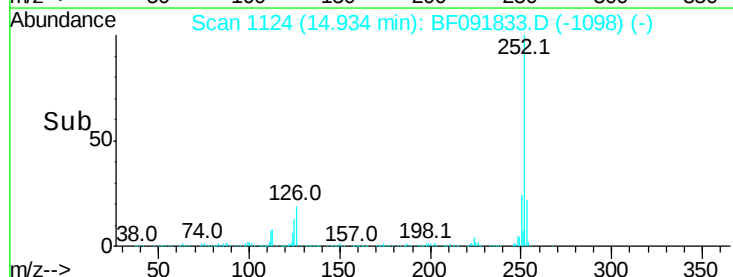
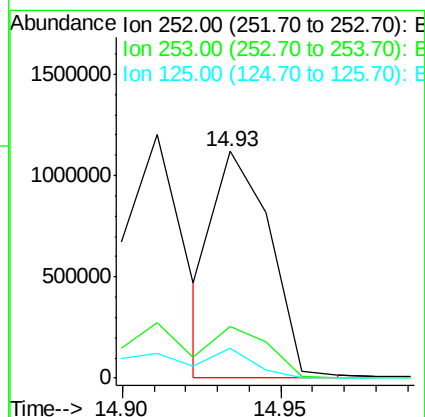
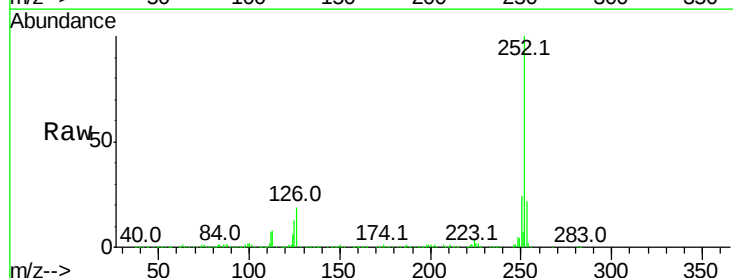
Tgt Ion:252 Resp: 1358946

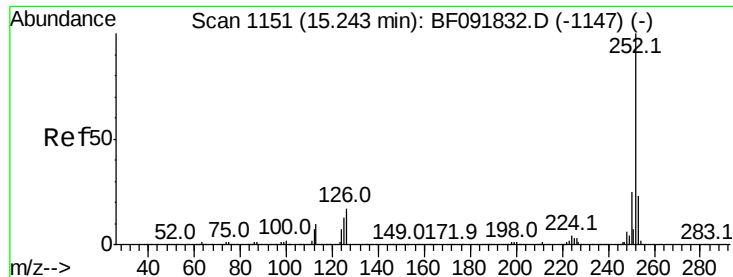
Ion Ratio Lower Upper

252 100

253 22.5 18.5 27.7

125 13.2 8.9 13.3





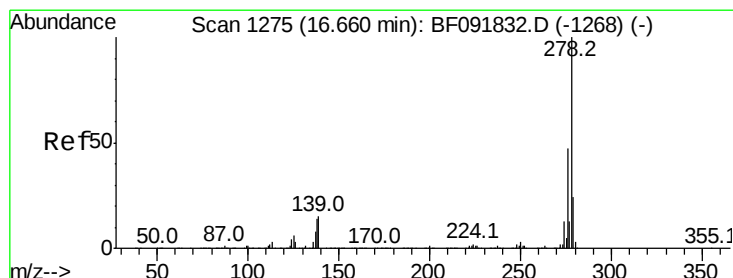
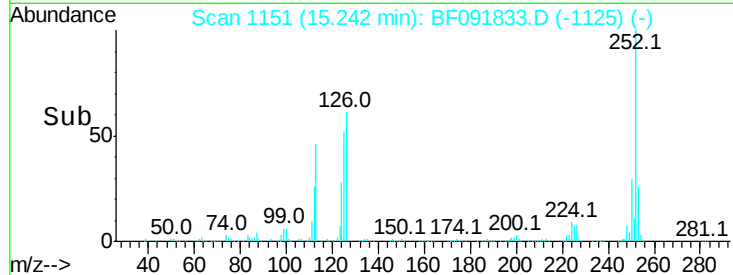
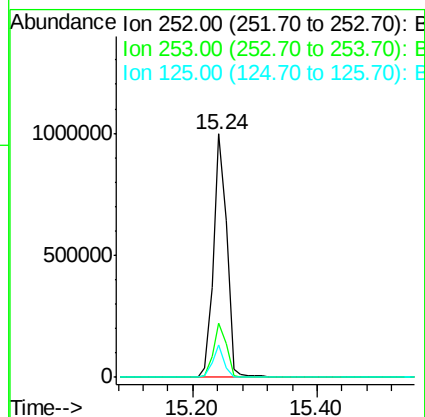
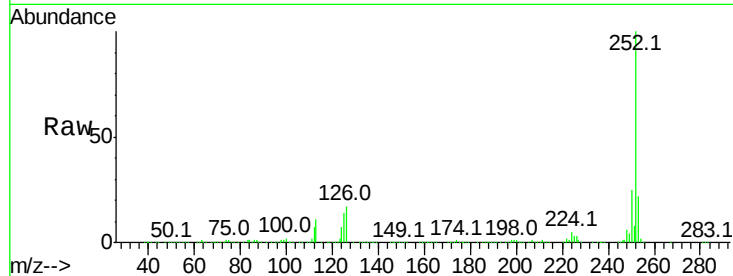
#89
Benzo(a)pyrene
Concen: 47.94 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	13.6	10.0	15.0

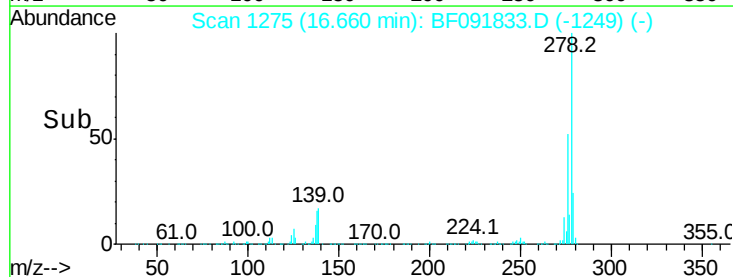
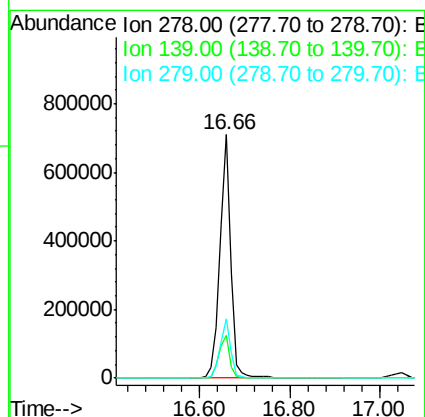
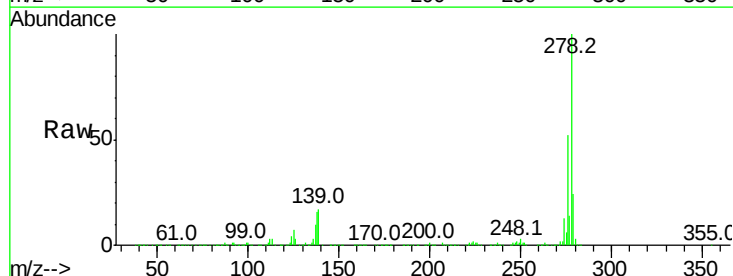
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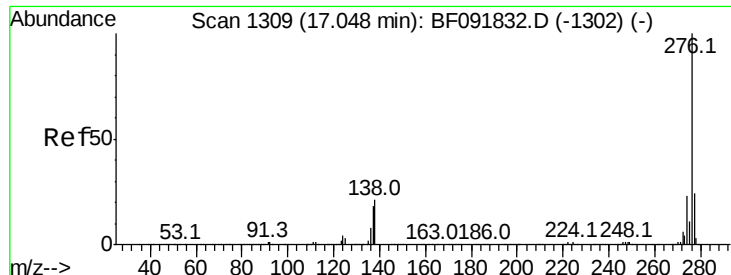
sohil
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#90
Dibenzo(a,h)anthracene
Concen: 45.57 ng
RT: 16.66 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.3	14.8	22.2
279	24.1	19.8	29.6





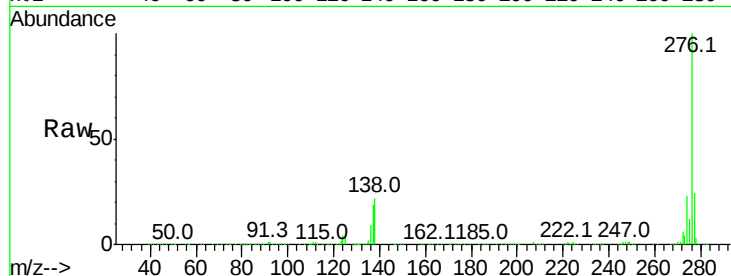
#91
 Benzo(a,h,i)perylene
 Concen: 47.04 ng
 RT: 17.05 min Scan# 1309
 Delta R.T. -0.00 min
 Lab File: BF091833.D
 Acq: 21 Dec 2016 14:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	22.4	16.0	24.0

Manual Integrations
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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

