

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
 Data File : BF092174.D
 Acq On : 10 Jan 2017 11:45
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 10 14:45:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	280363	20.00	ng	-0.01
21) Naphthalene-d8	7.92	136	1162848	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	590896	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	952588	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	684740	20.00	ng	0.00
86) Perylene-d12	15.16	264	550095	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	1211357	72.14	ng	0.00
7) Phenol-d6	6.31	99	1682208	82.06	ng	0.00
23) Nitrobenzene-d5	7.20	82	1705122	81.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.47	330	416475	85.17	ng	0.00
44) 2-Fluorobiphenyl	9.01	172	2694003	94.92	ng	0.00
78) Terphenyl-d14	12.73	244	2246248	79.56	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.10	88	292621	35.40	ng	99
3) Pyridine	2.74	79	932491	32.32	ng	98
4) n-Nitrosodimethylamine	2.72	42	386371	35.50	ng	97
6) Aniline	6.29	93	1144880	43.00	ng	# 45
8) 2-Chlorophenol	6.42	128	781535	40.92	ng	93
9) Benzaldehyde	6.17	77	488119	42.82	ng	98
10) Phenol	6.32	94	1102939	47.21	ng	# 68
11) bis(2-Chloroethyl)ether	6.38	93	802226	43.16	ng	92
12) 1,3-Dichlorobenzene	6.56	146	823634	40.40	ng	# 91
13) 1,4-Dichlorobenzene	6.64	146	787667	37.95	ng	100
14) 1,2-Dichlorobenzene	6.80	146	746839	41.47	ng	99
15) Benzyl Alcohol	6.79	79	587410	36.88	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.92	45	1154278	41.70	ng	60
17) 2-Methylphenol	6.93	107	626520	40.79	ng	94
18) Hexachloroethane	7.13	117	309204	40.19	ng	# 85
19) n-Nitroso-di-n-propylamine	7.06	70	549510	40.29	ng	97
20) 3+4-Methylphenols	7.08	107	848035	46.29	ng	# 71
22) Acetophenone	7.05	105	1154523	40.25	ng	# 92
24) Nitrobenzene	7.22	77	858490	38.54	ng	97
25) Isophorone	7.46	82	1553746	40.27	ng	96
26) 2-Nitrophenol	7.54	139	480247	43.72	ng	# 82
27) 2,4-Dimethylphenol	7.60	122	693300	38.06	ng	98
28) bis(2-Chloroethoxy)methane	7.68	93	914834	39.10	ng	100
29) 2,4-Dichlorophenol	7.80	162	619367	40.15	ng	90
30) 1,2,4-Trichlorobenzene	7.86	180	663077	39.22	ng	96
31) Naphthalene	7.94	128	2278166	42.81	ng	99
32) Benzoic acid	7.78	122	468848	34.70	ng	98
33) 4-Chloroaniline	8.00	127	963378	40.14	ng	99
34) Hexachlorobutadiene	8.06	225	360097	40.36	ng	100
35) Caprolactam	8.40	113	203314	40.11	ng	# 70
36) 4-Chloro-3-methylphenol	8.52	107	743649	41.89	ng	90
37) 2-Methylnaphthalene	8.63	142	1308100	38.55	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	580202	38.86	ng	98
40) Hexachlorocyclopentadiene	8.79	237	211968	34.27	ng	99

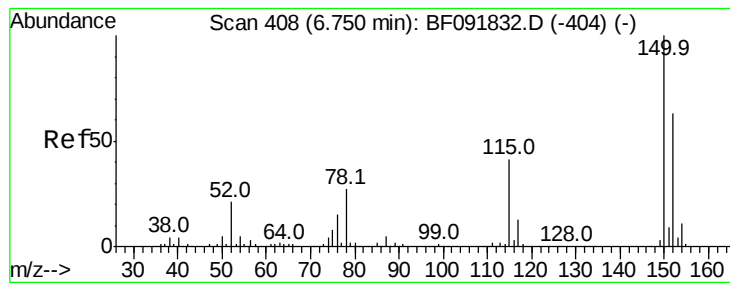
Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	427114	40.91	nq	97
43) 2,4,5-Trichlorophenol	8.97	196	407209	37.90	nq	97
45) 1,1'-Biphenyl	9.10	154	1579314	39.03	nq	97
46) 2-Chloronaphthalene	9.12	162	1246462	38.90	nq	96
47) 2-Nitroaniline	9.22	65	441225	38.68	nq	96
48) Acenaphthylene	9.53	152	1851306	37.57	nq	99
49) Dimethylphthalate	9.42	163	1637080	43.32	nq	100
50) 2,6-Dinitrotoluene	9.48	165	342560	41.41	nq	# 82
51) Acenaphthene	9.70	154	1168798	34.99	nq	99
52) 3-Nitroaniline	9.65	138	482475	47.13	nq	91
53) 2,4-Dinitrophenol	9.76	184	211945	46.05	nq	# 92
54) Dibenzofuran	9.88	168	1585692	35.15	nq	100
55) 4-Nitrophenol	9.84	139	280103m	40.30	nq	
56) 2,4-Dinitrotoluene	9.88	165	378628	36.47	nq	# 68
57) Fluorene	10.22	166	1225093	37.32	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.01	232	340514	40.07	nq	95
59) Diethylphthalate	10.10	149	1438985	39.21	nq	99
60) 4-Chlorophenyl-phenylether	10.22	204	605984	42.16	nq	# 80
61) 4-Nitroaniline	10.26	138	470173	44.32	nq	84
62) Azobenzene	10.38	77	1709913	42.31	nq	87
64) 4,6-Dinitro-2-methylphenol	10.30	198	291545	50.61	nq	94
65) n-Nitrosodiphenylamine	10.34	169	1250226	44.23	nq	100
66) 4-Bromophenyl-phenylether	10.70	248	382953	38.65	nq	97
67) Hexachlorobenzene	10.77	284	398697	37.64	nq	# 89
68) Atrazine	10.87	200	287967	31.58	nq	97
69) Pentachlorophenol	10.97	266	193480	37.23	nq	99
70) Phenanthrene	11.18	178	2150979	41.64	nq	99
71) Anthracene	11.22	178	1812956	37.39	nq	99
72) Carbazole	11.38	167	1794367	40.31	nq	99
73) Di-n-butylphthalate	11.73	149	2381488	49.02	nq	# 98
74) Fluoranthene	12.36	202	1911727	41.92	nq	99
76) Benzidine	12.48	184	810032	46.94	nq	98
77) Pyrene	12.58	202	1908884	38.00	nq	100
79) Butylbenzylphthalate	13.21	149	1044578	45.72	nq	100
80) Benzo(a)anthracene	13.77	228	1728259	44.71	nq	100
81) 3,3'-Dichlorobenzidine	13.75	252	757803	51.70	nq	# 94
82) Chrysene	13.82	228	1834609	47.32	nq	99
83) Bis(2-ethylhexyl)phthalate	13.77	149	1191505	44.28	nq	100
84) Di-n-octyl phthalate	14.39	149	1739807	34.90	nq	98
85) Indeno(1,2,3-cd)pyrene	16.44	276	1189087	35.40	nq	99
87) Benzo(b)fluoranthene	14.78	252	1307492m	38.18	nq	
88) Benzo(k)fluoranthene	14.81	252	1316463m	45.08	nq	
89) Benzo(a)pyrene	15.10	252	1250870	41.15	nq	99
90) Dibenzo(a,h)anthracene	16.45	278	999290	40.00	nq	98
91) Benzo(g,h,i)perylene	16.83	276	1019694	39.25	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.63 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

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BNA_F

ClientSampleId :

SSTDCCC040

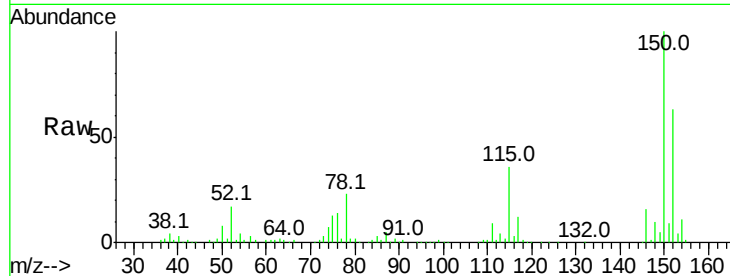
Tot Ion:152 Resp: 280363

Ion Ratio Lower Upper

152 100

150 159.9 124.9 187.3

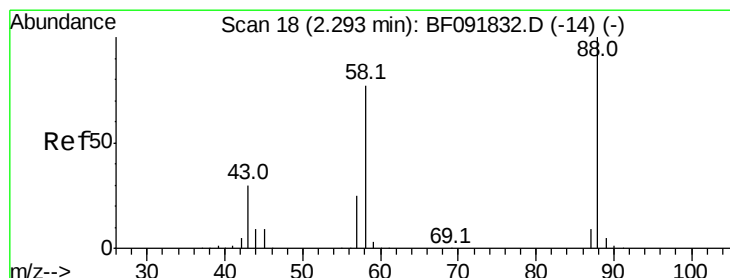
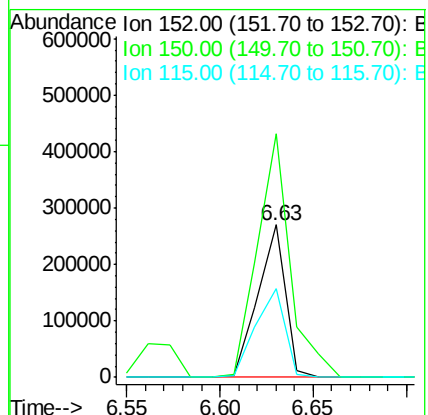
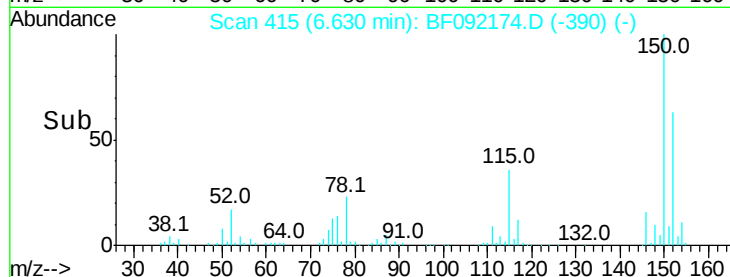
115 58.2 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.40 ng

RT: 2.10 min Scan# 19

Delta R.T. 0.02 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

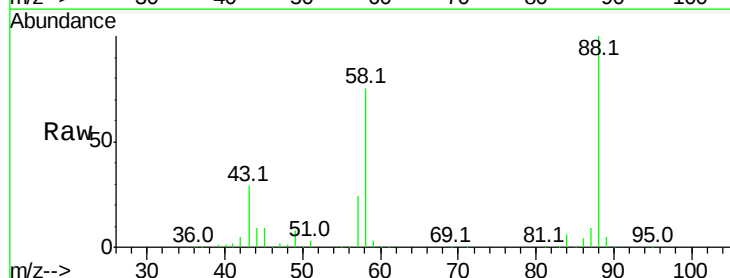
Tgt Ion: 88 Resp: 292621

Ion Ratio Lower Upper

88 100

58 73.4 57.8 86.8

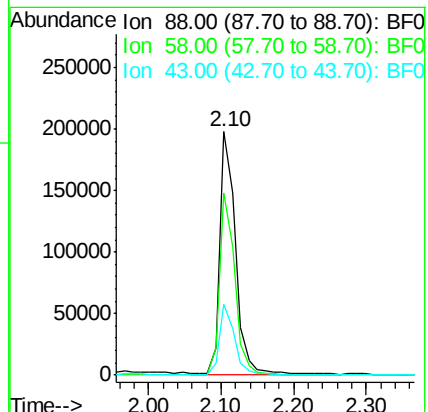
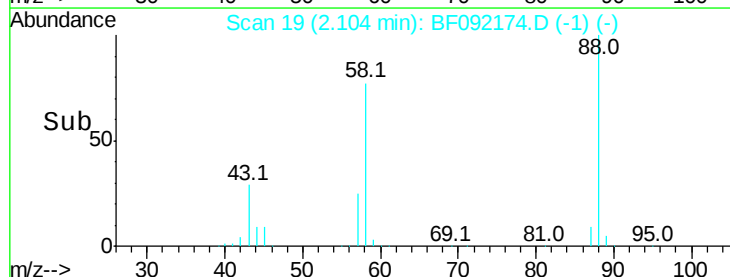
43 27.6 22.3 33.5

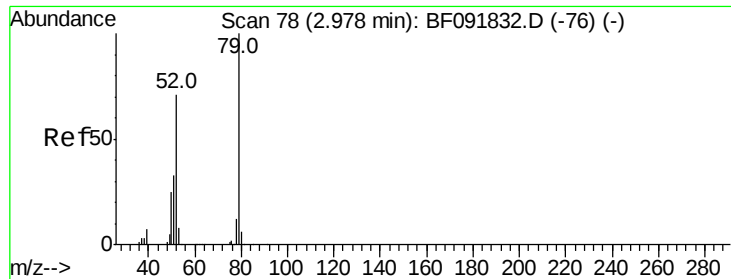


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 32.32 ng

RT: 2.74 min Scan# 75

Delta R.T. 0.01 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

Instrument :

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SSTDCCC040

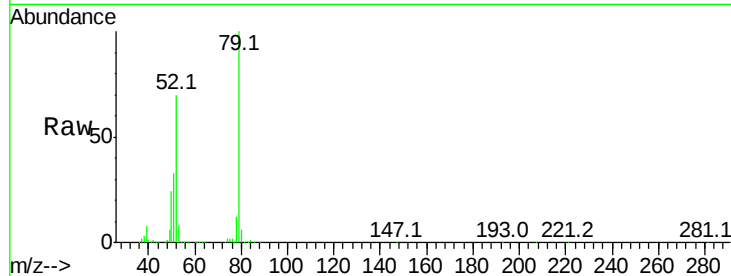
Tot Ion: 79 Resp: 932491

Ion Ratio Lower Upper

79 100

52 69.8 57.1 85.7

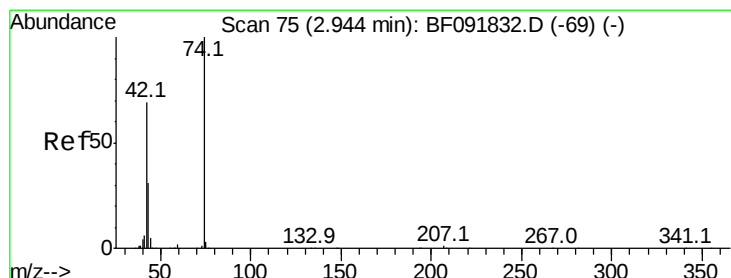
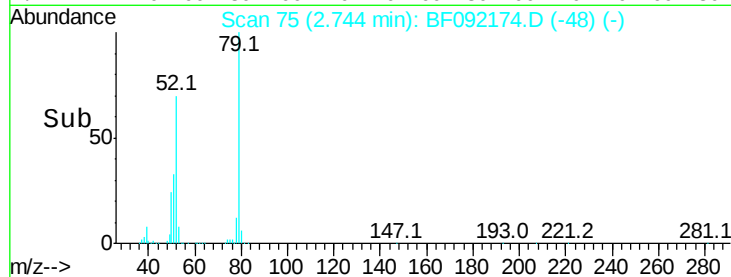
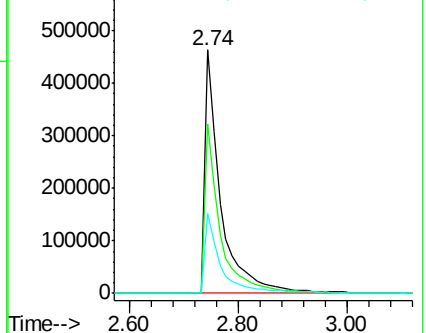
51 33.0 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 35.50 ng

RT: 2.72 min Scan# 73

Delta R.T. 0.03 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

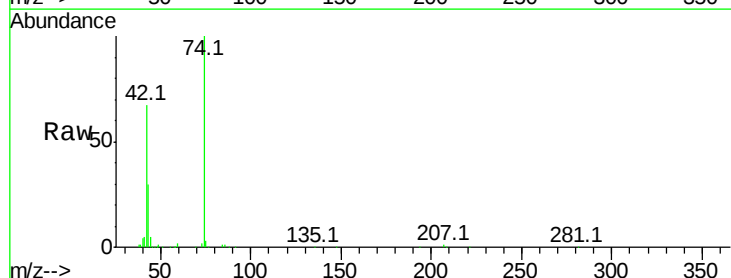
Tgt Ion: 42 Resp: 386371

Ion Ratio Lower Upper

42 100

74 149.8 117.0 175.4

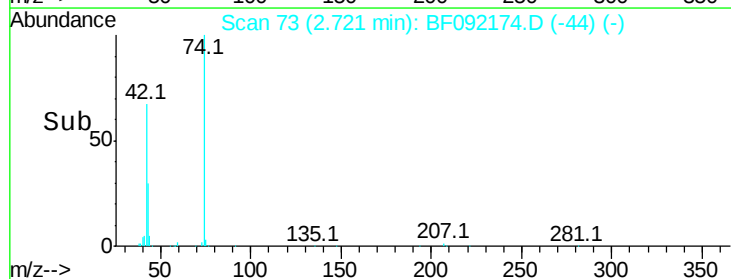
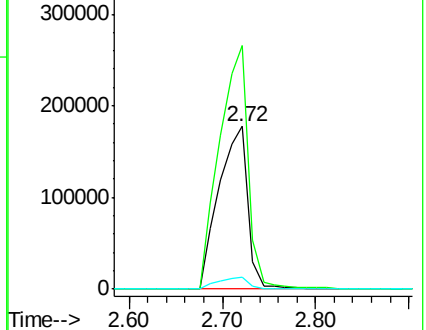
44 7.3 5.5 8.3

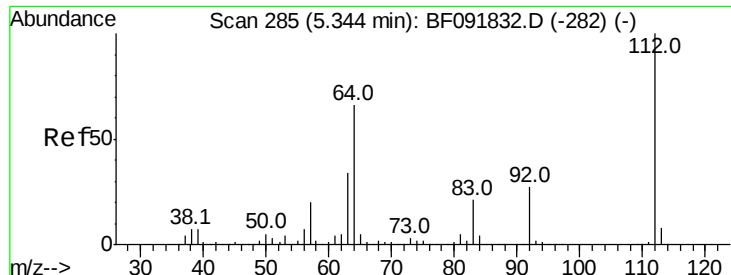


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 72.14 ng

RT: 5.24 min Scan# 293

Delta R.T. -0.00 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

Instrument :

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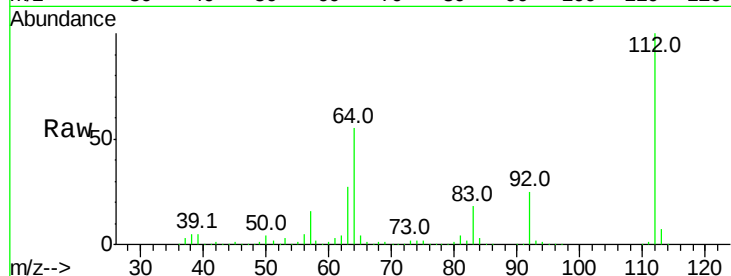
Tot Ion:112 Resp: 1211357

Ion Ratio Lower Upper

112 100

64 54.7 46.1 69.1

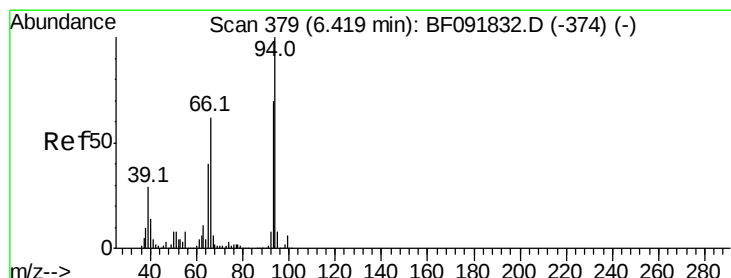
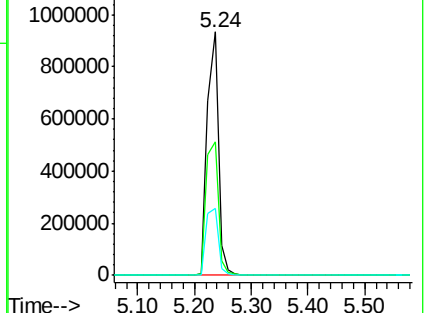
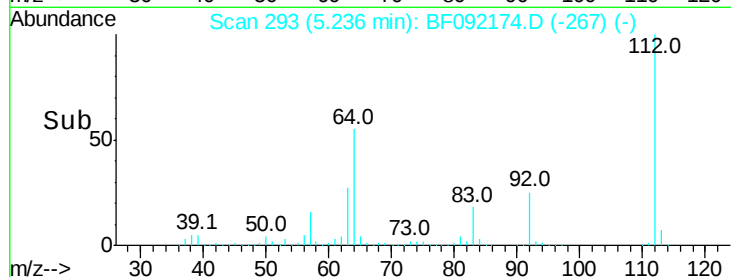
63 27.4 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 43.00 ng

RT: 6.29 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

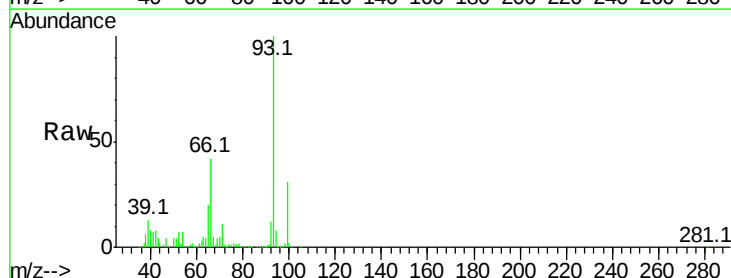
Tgt Ion: 93 Resp: 1144880

Ion Ratio Lower Upper

93 100

66 41.7 76.2 114.2#

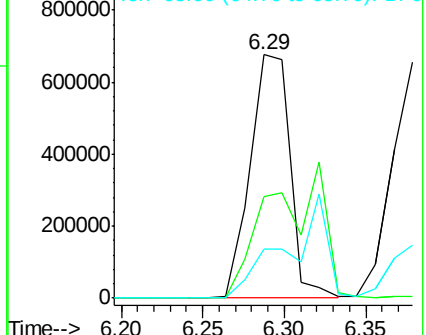
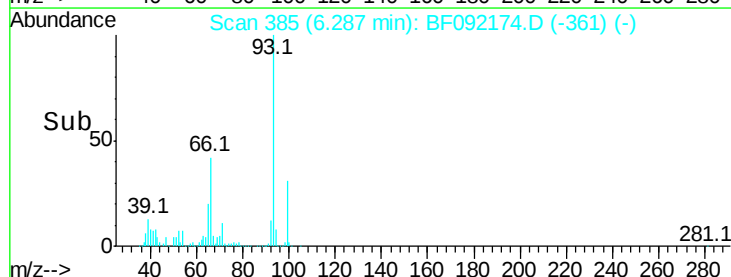
65 20.2 49.3 73.9#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 82.06 ng

RT: 6.31 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF092174.D

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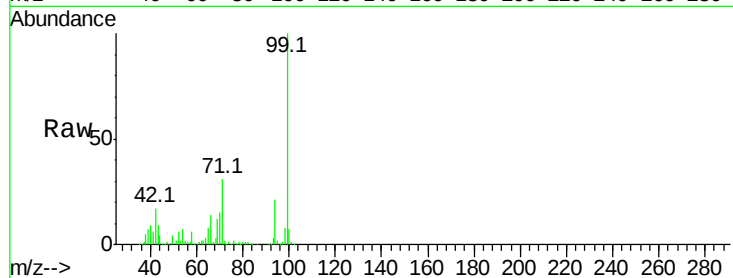
Tot Ion: 99 Resp: 1682208

Ion Ratio Lower Upper

99 100

42 17.3 15.6 23.4

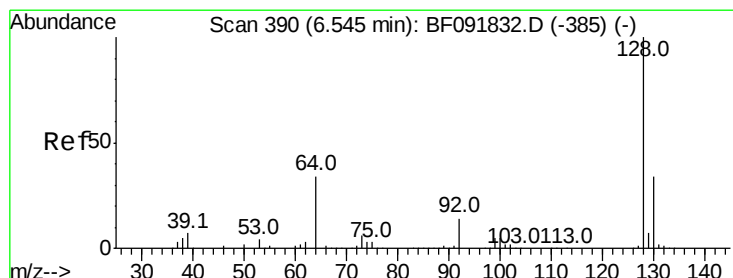
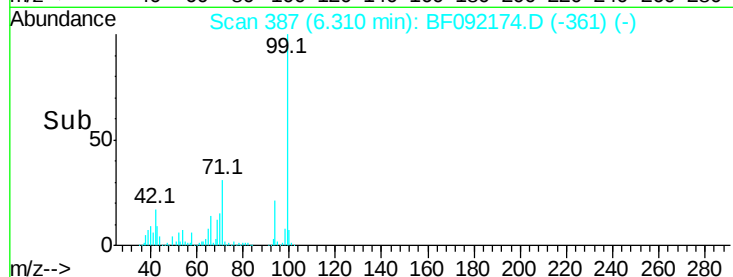
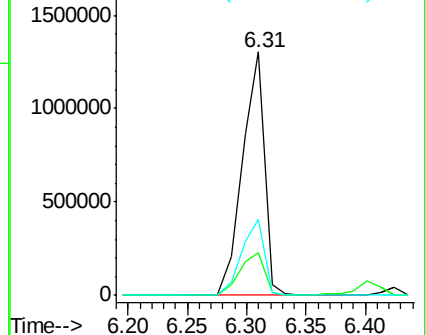
71 31.4 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.92 ng

RT: 6.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

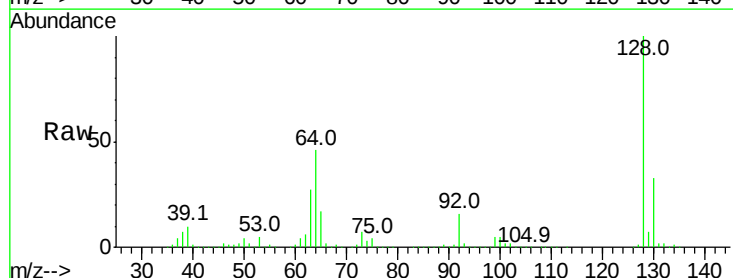
Tgt Ion: 128 Resp: 781535

Ion Ratio Lower Upper

128 100

130 33.5 12.3 52.3

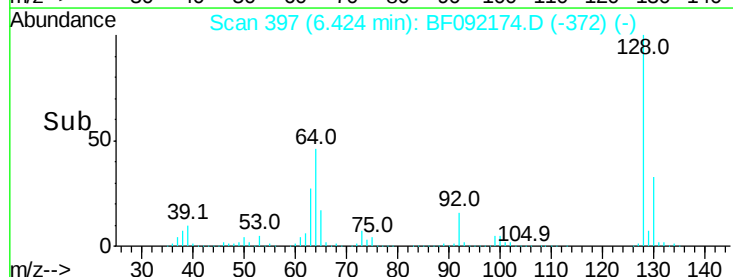
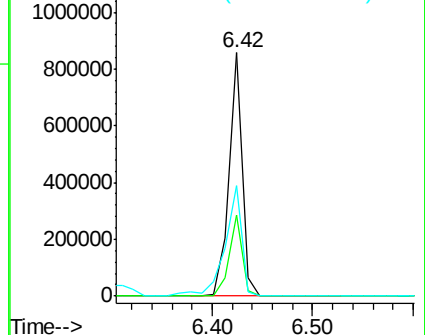
64 45.6 32.2 72.2

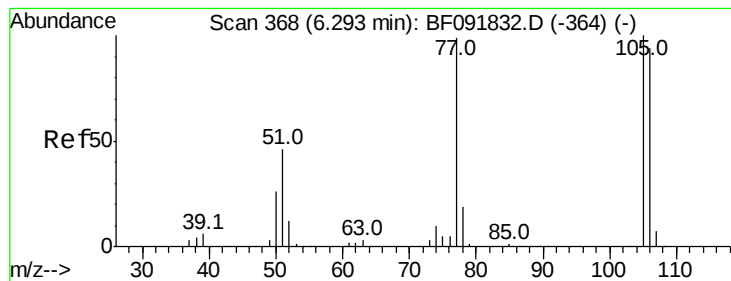


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 42.82 ng

RT: 6.17 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF092174.D

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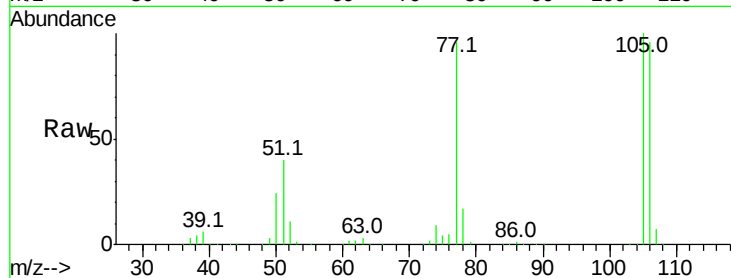
Tot Ion: 77 Resp: 488119

Ion Ratio Lower Upper

77 100

105 104.4 83.9 123.9

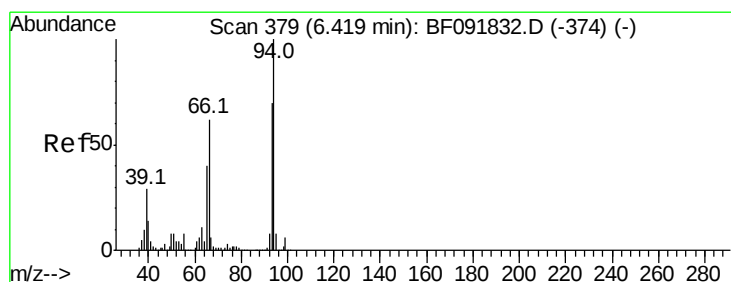
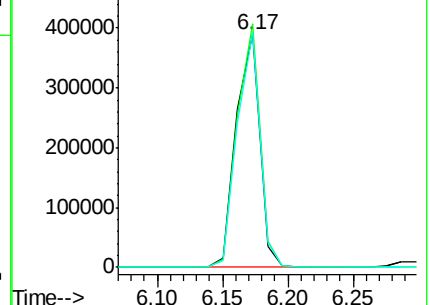
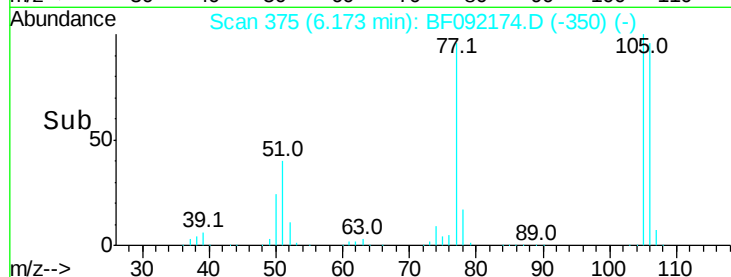
106 100.7 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 47.21 ng

RT: 6.32 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

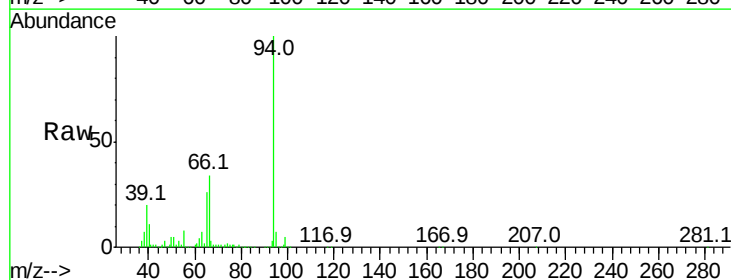
Tgt Ion: 94 Resp: 1102939

Ion Ratio Lower Upper

94 100

65 26.4 21.4 61.4

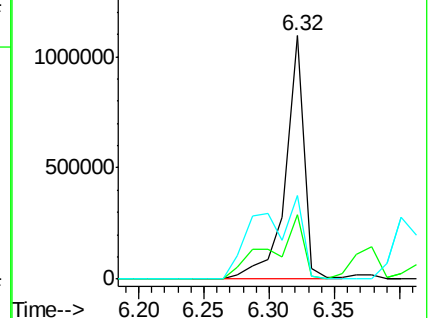
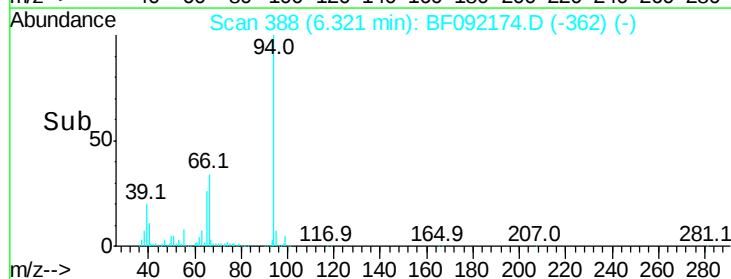
66 34.4 44.0 84.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 43.16 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

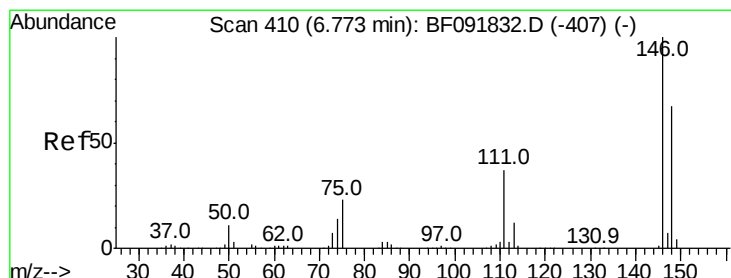
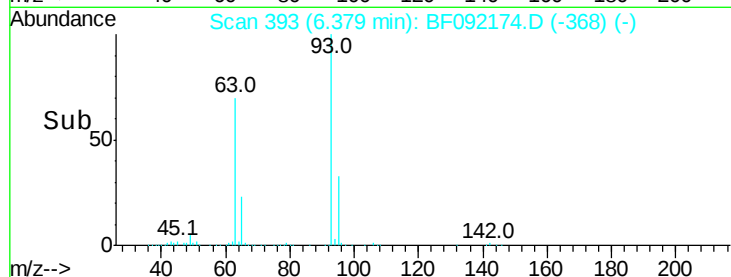
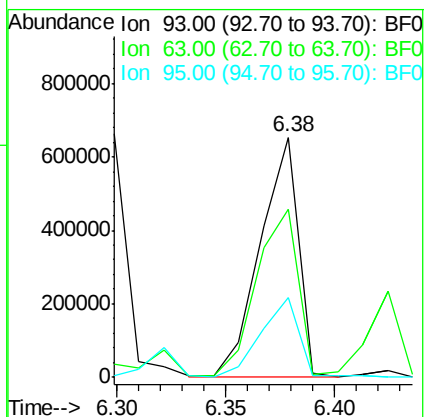
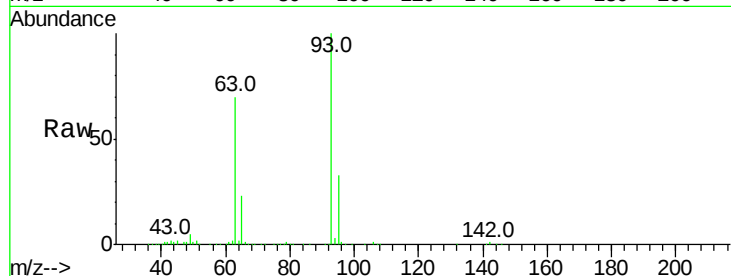
Tot Ion: 93 Resp: 802226

Ion Ratio Lower Upper

93 100

63 70.1 60.4 100.4

95 33.0 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 40.40 ng

RT: 6.56 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

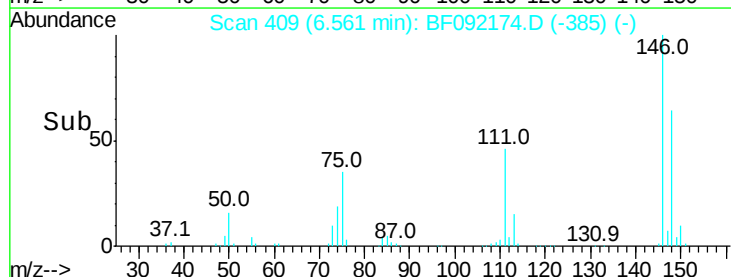
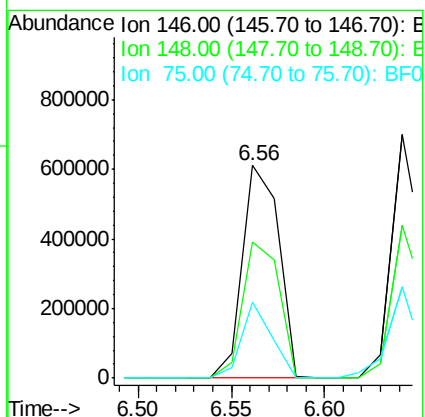
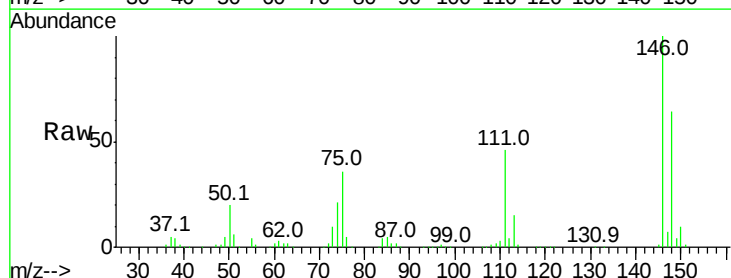
Tgt Ion: 146 Resp: 823634

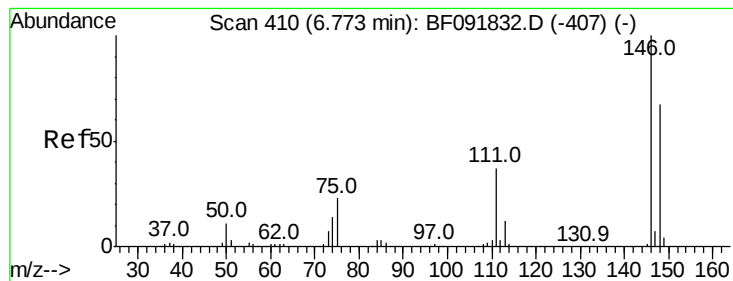
Ion Ratio Lower Upper

146 100

148 63.8 53.4 80.0

75 35.9 18.5 27.7#





#13

1,4-Dichlorobenzene

Concen: 37.95 ng

RT: 6.64 min Scan# 416

Delta R.T. -0.02 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

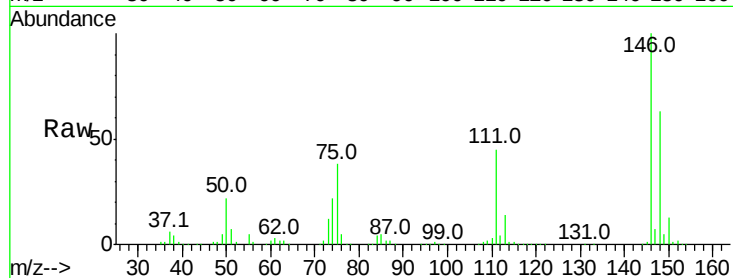
Tot Ion:146 Resp: 787667

Ion Ratio Lower Upper

146 100

148 62.8 50.6 76.0

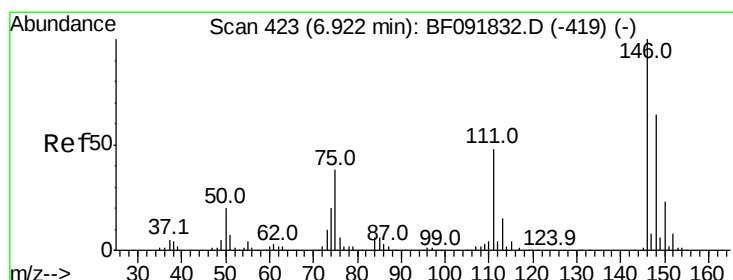
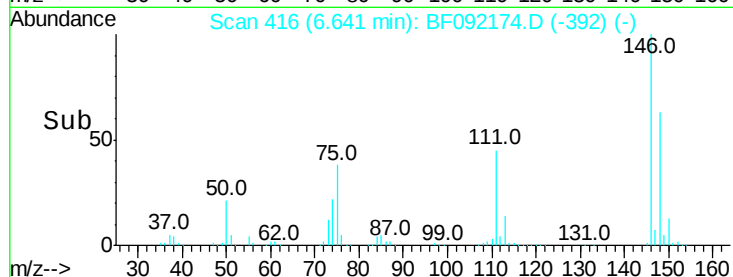
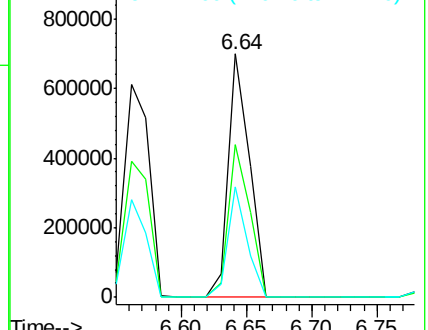
111 45.3 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.47 ng

RT: 6.80 min Scan# 430

Delta R.T. -0.01 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

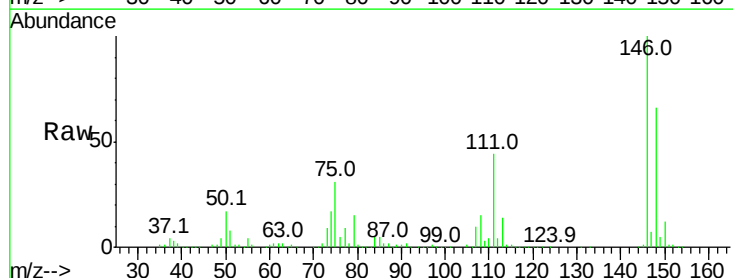
Tgt Ion:146 Resp: 746839

Ion Ratio Lower Upper

146 100

148 65.7 52.2 78.2

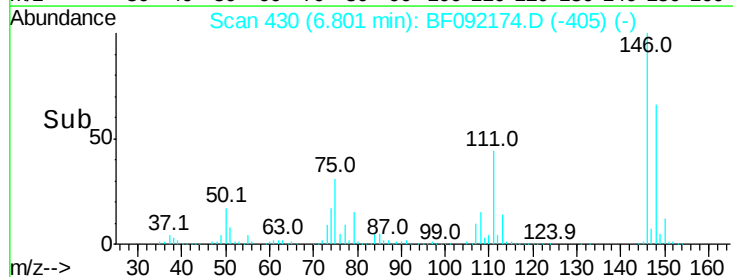
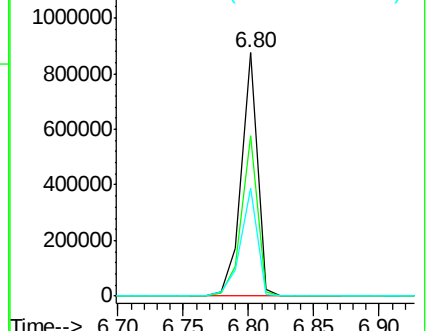
111 44.1 36.2 54.2

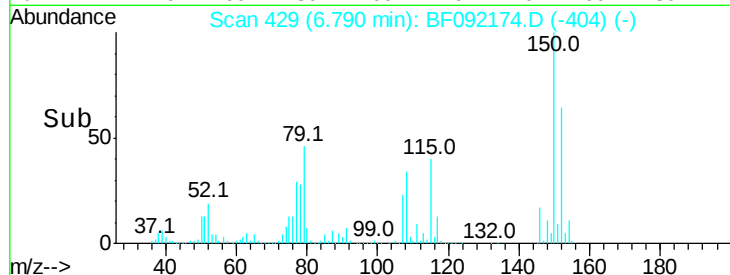
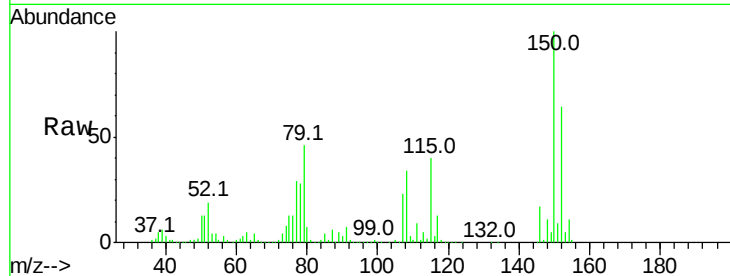
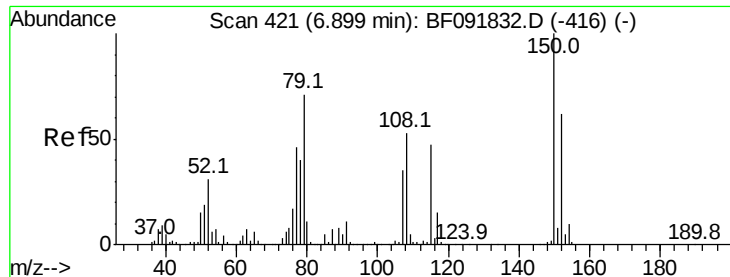


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.88 ng

RT: 6.79 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

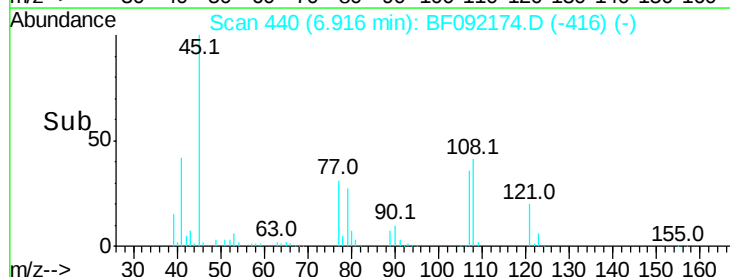
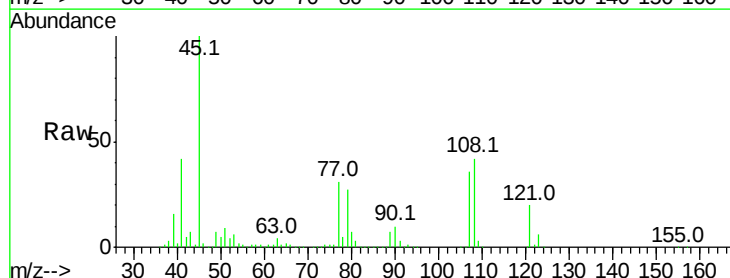
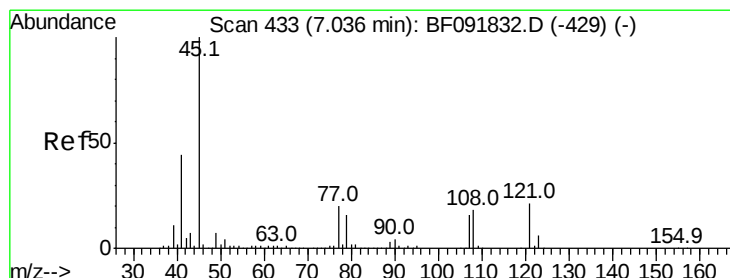
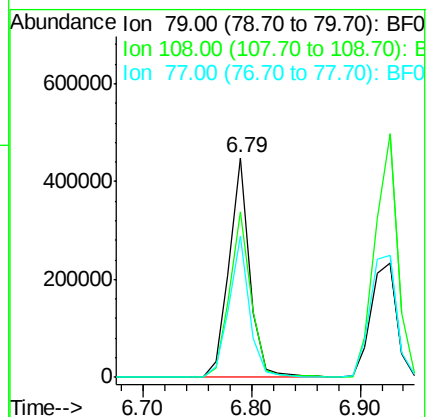
Tot Ion: 79 Resp: 587410

Ion Ratio Lower Upper

79 100

108 75.1 61.4 92.0

77 64.4 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.70 ng

RT: 6.92 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

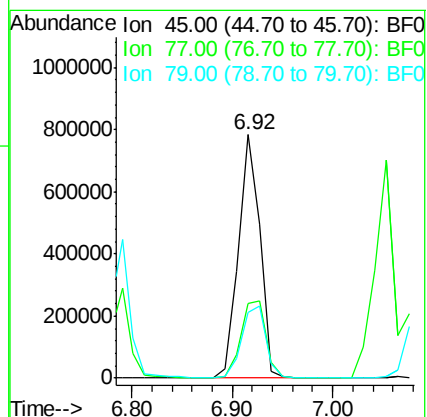
Tgt Ion: 45 Resp: 1154278

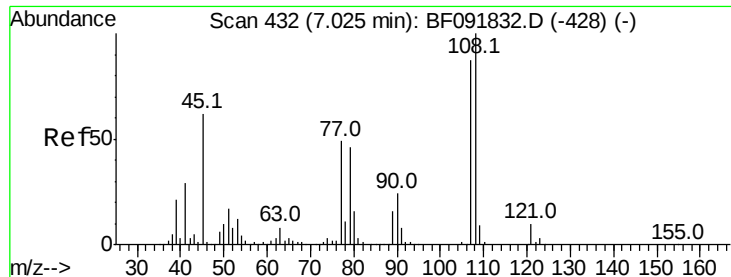
Ion Ratio Lower Upper

45 100

77 30.8 0.0 34.6

79 27.0 0.0 31.2

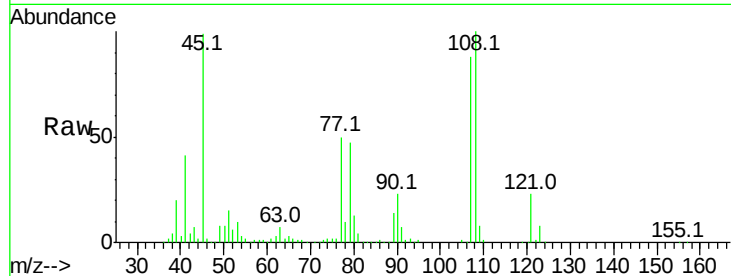




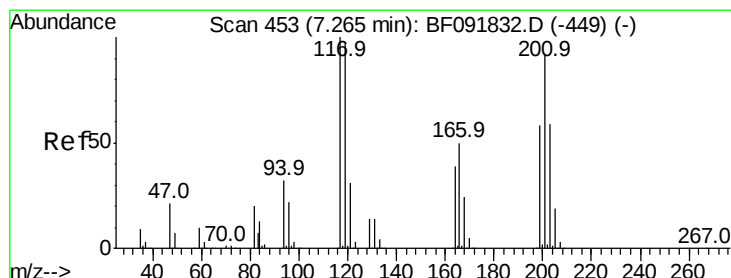
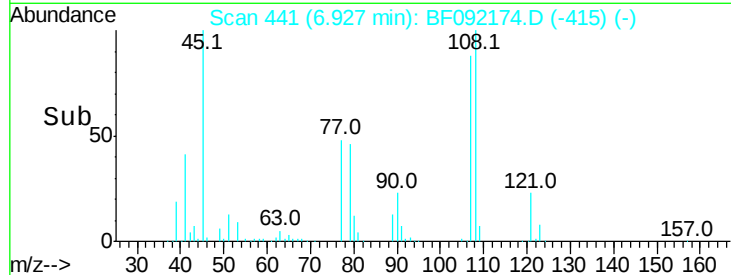
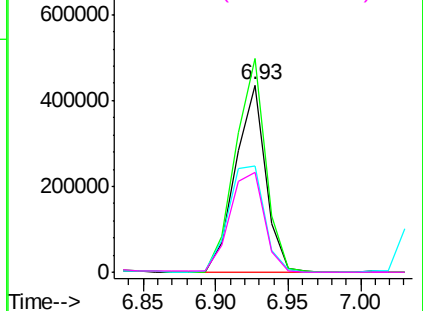
#17
2-Methylphenol
Concen: 40.79 ng
RT: 6.93 min Scan# 441
Delta R.T. -0.00 min
Lab File: BF092174.D
Acq: 10 Jan 2017 11:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.1	93.0	139.6
77	57.0	39.8	59.8
79	53.5	38.0	57.0

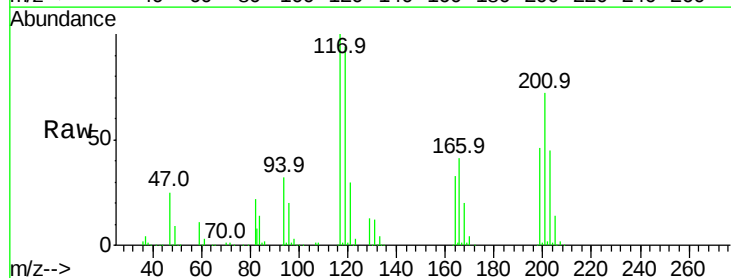


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

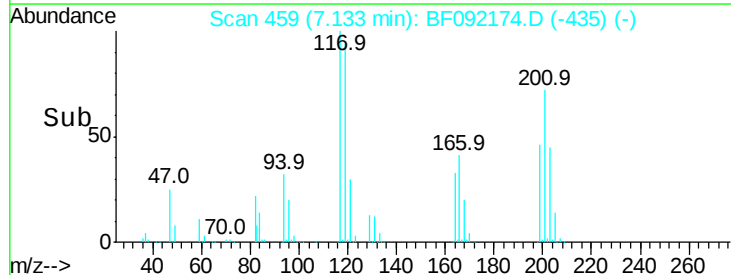
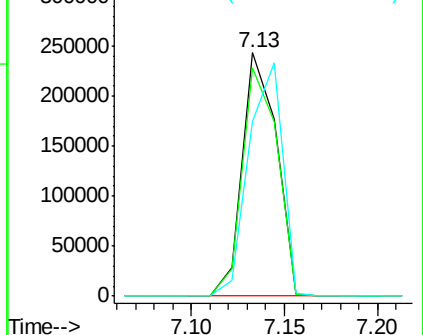


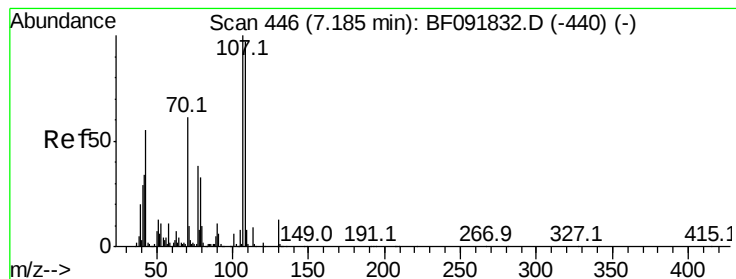
#18
Hexachloroethane
Concen: 40.19 ng
RT: 7.13 min Scan# 459
Delta R.T. -0.02 min
Lab File: BF092174.D
Acq: 10 Jan 2017 11:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.9	78.1	117.1
201	71.7	78.6	117.8#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 40.29 ng

RT: 7.06 min Scan# 453

Delta R.T. -0.01 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 549510

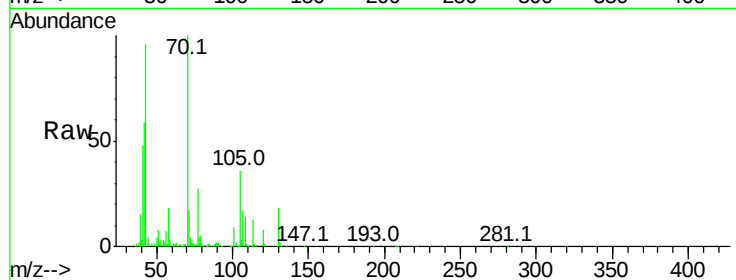
Ion Ratio Lower Upper

70 100

42 59.3 49.4 74.0

101 8.7 7.4 11.2

130 18.1 14.2 21.4

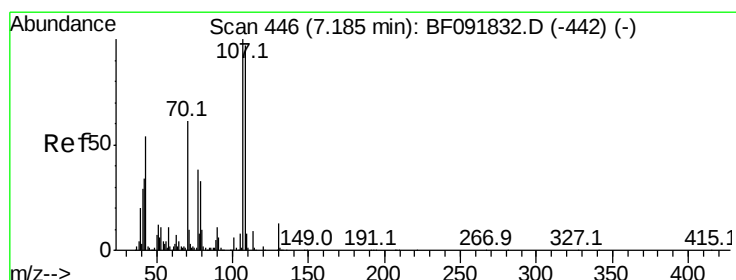
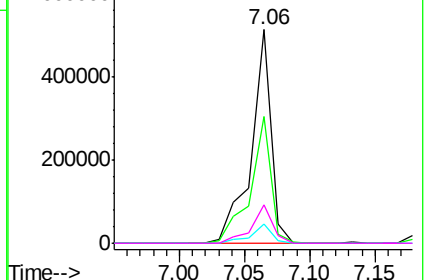
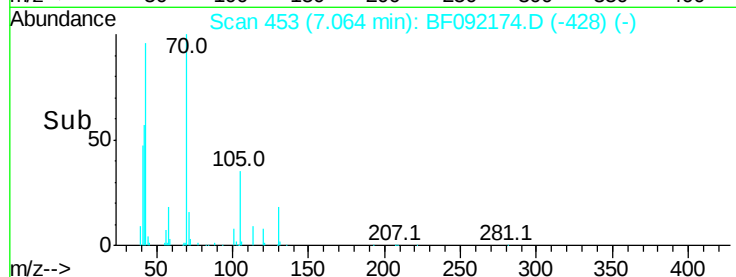


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 46.29 ng

RT: 7.08 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

Tgt Ion: 107 Resp: 848035

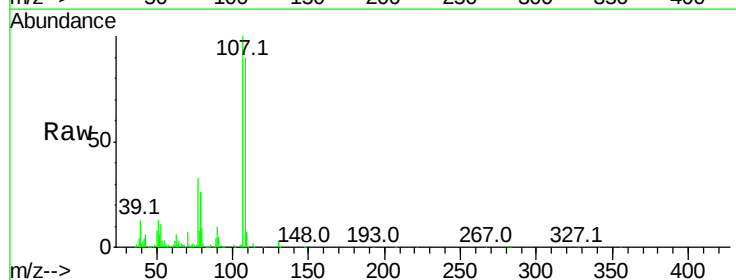
Ion Ratio Lower Upper

107 100

108 89.8 73.0 113.0

77 33.0 71.3 111.3#

79 26.5 11.1 51.1

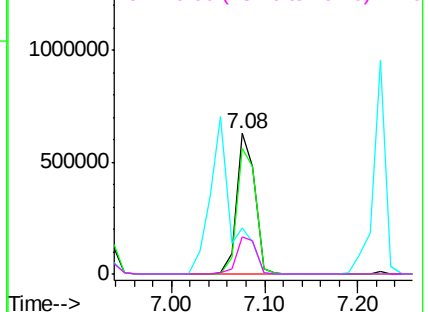
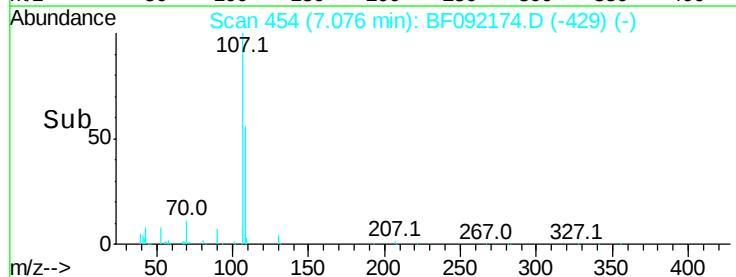


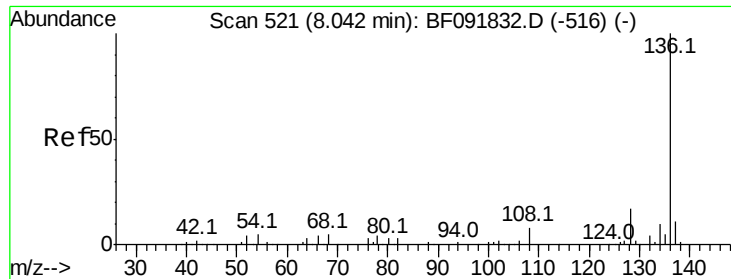
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



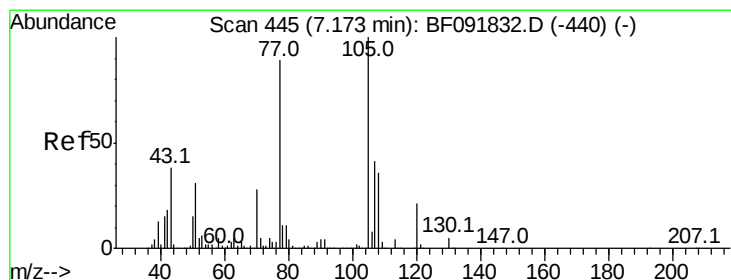
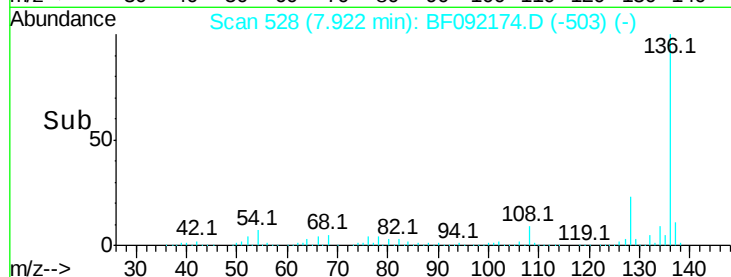
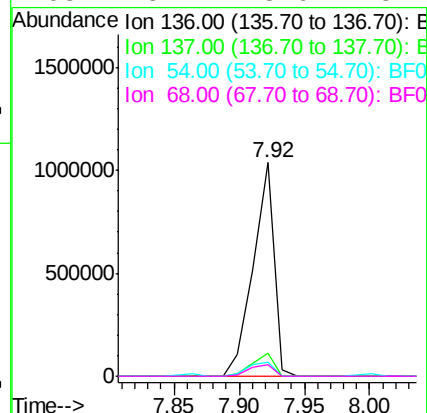
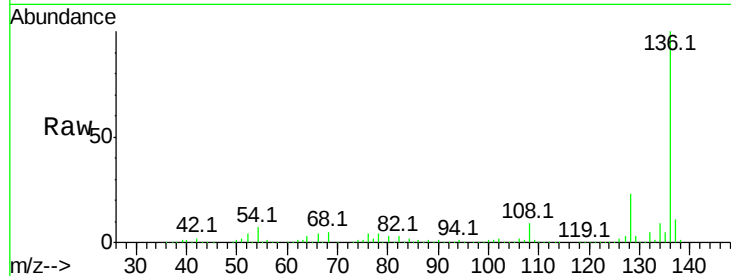


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF092174.D
Acq: 10 Jan 2017 11:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:136 Resp: 1162848

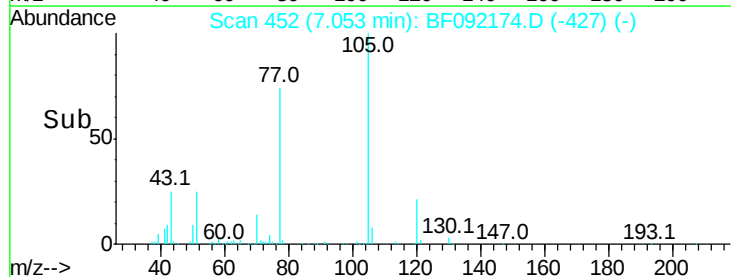
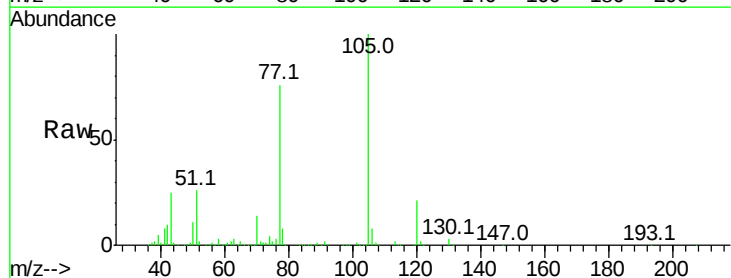
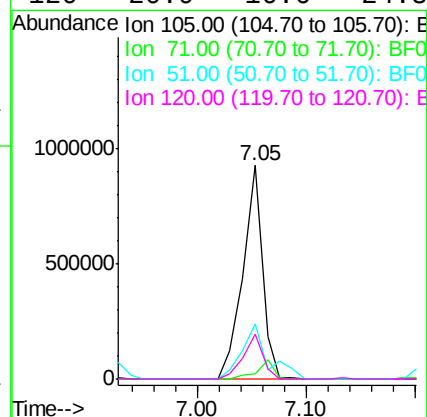
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	6.5	4.5	6.7
68	5.4	3.6	5.4#



#22
Acetophenone
Concen: 40.25 ng
RT: 7.05 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF092174.D
Acq: 10 Jan 2017 11:45

Tgt Ion:105 Resp: 1154523

Ion	Ratio	Lower	Upper
105	100		
71	2.5	3.2	4.8#
51	25.8	26.2	39.4#
120	20.9	16.6	24.8

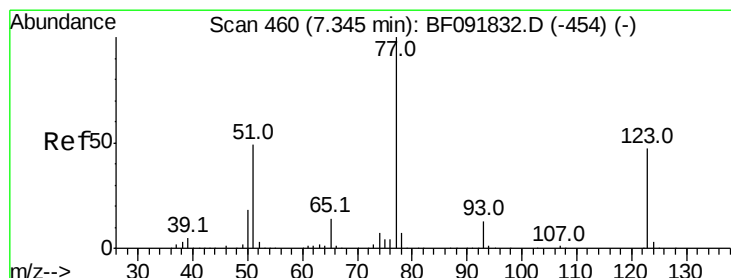
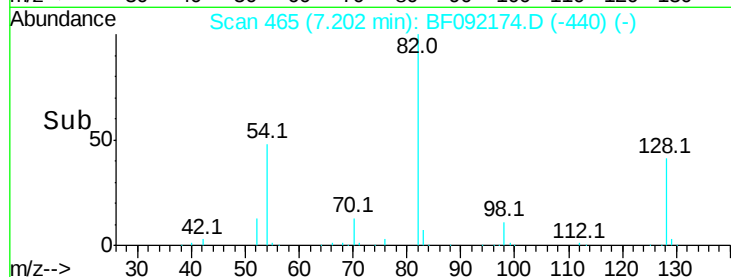
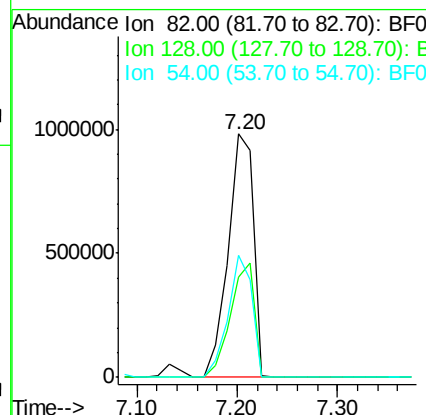
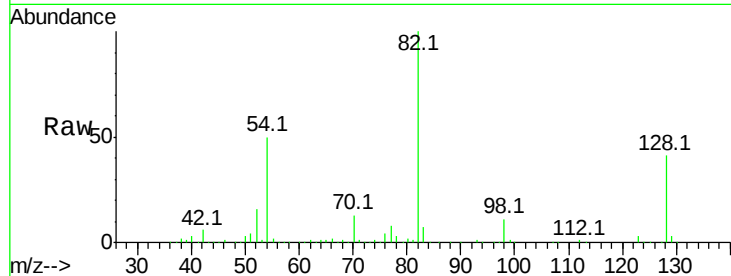




#23
 Nitrobenzene-d5
 Concen: 81.54 ng
 RT: 7.20 min Scan# 465
 Delta R.T. -0.01 min
 Lab File: BF092174.D
 Acq: 10 Jan 2017 11:45

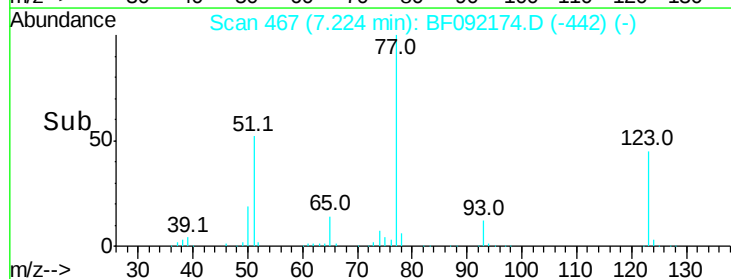
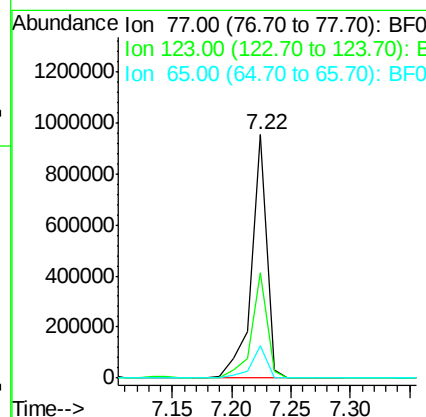
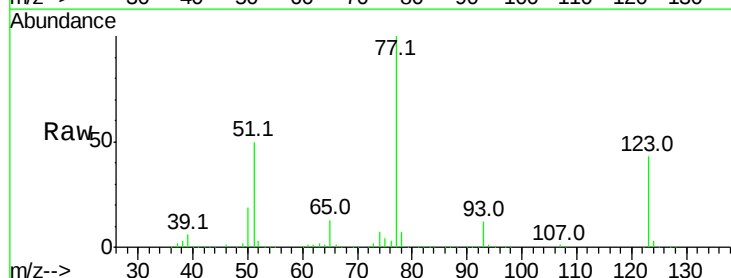
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

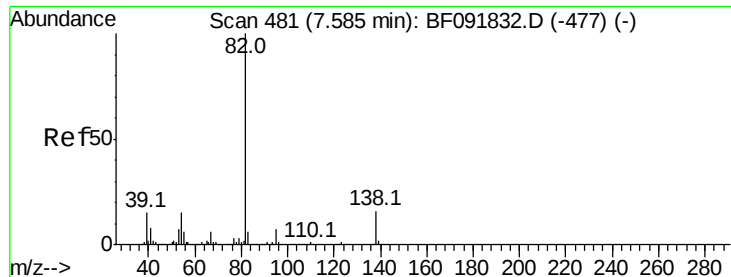
Tot Ion: 82 Resp: 1705122
 Ion Ratio Lower Upper
 82 100
 128 41.2 34.6 52.0
 54 50.0 39.5 59.3



#24
 Nitrobenzene
 Concen: 38.54 ng
 RT: 7.22 min Scan# 467
 Delta R.T. -0.01 min
 Lab File: BF092174.D
 Acq: 10 Jan 2017 11:45

Tgt Ion: 77 Resp: 858490
 Ion Ratio Lower Upper
 77 100
 123 43.0 33.0 49.4
 65 13.4 11.2 16.8





#25

Isophorone

Concen: 40.27 ng

RT: 7.46 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

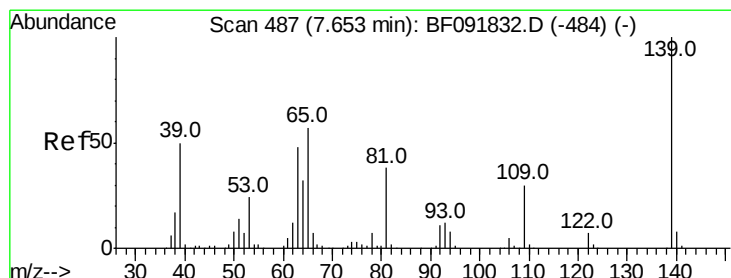
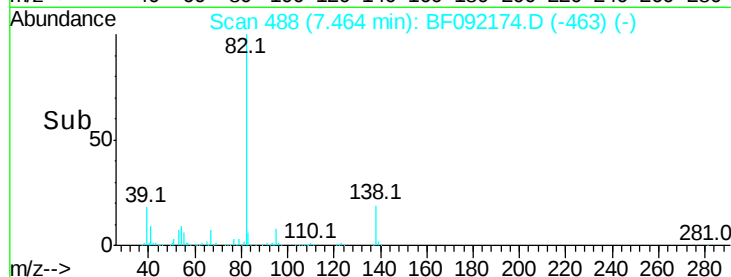
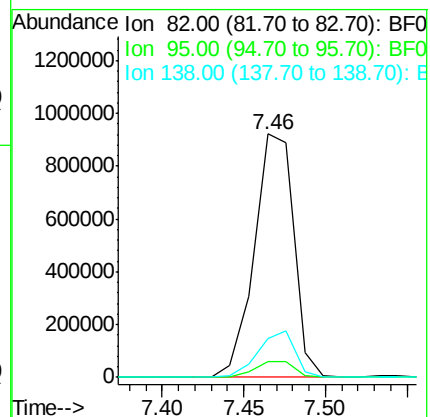
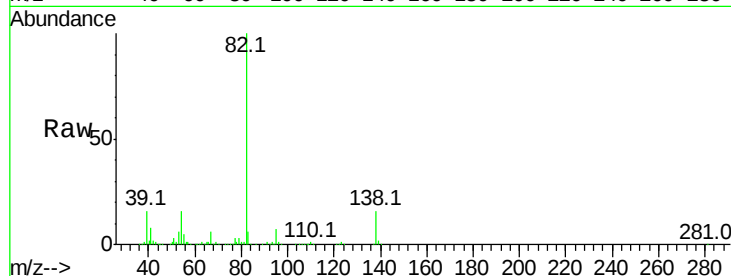
Tot Ion: 82 Resp: 1553746

Ion Ratio Lower Upper

82 100

95 6.5 5.6 8.4

138 15.9 14.6 22.0



#26

2-Nitrophenol

Concen: 43.72 ng

RT: 7.54 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

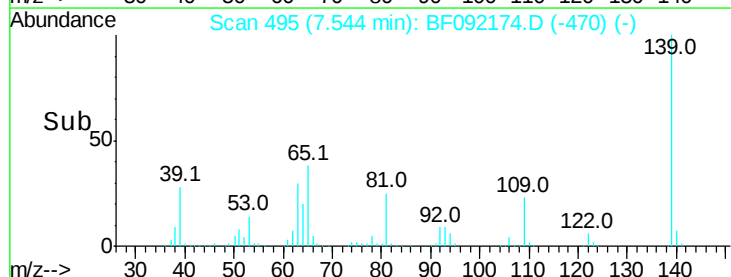
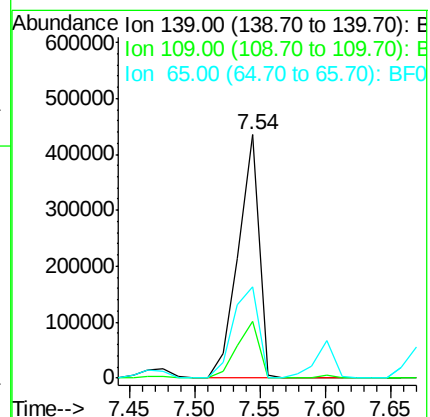
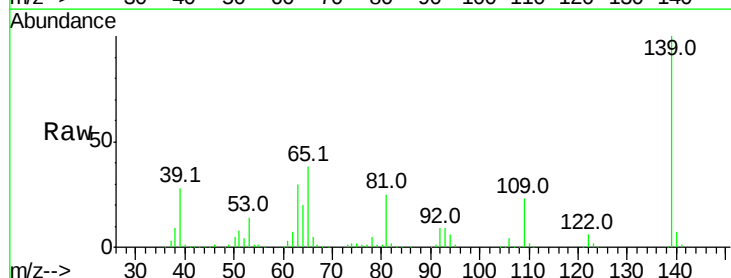
Tgt Ion: 139 Resp: 480247

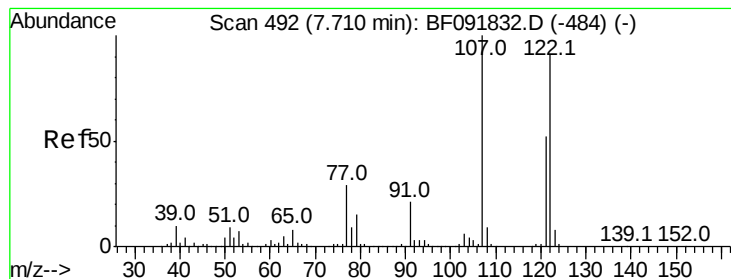
Ion Ratio Lower Upper

139 100

109 23.3 23.3 34.9#

65 37.6 42.7 64.1#





#27

2,4-Dimethylphenol

Concen: 38.06 ng

RT: 7.60 min Scan# 500

Delta R.T. -0.01 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

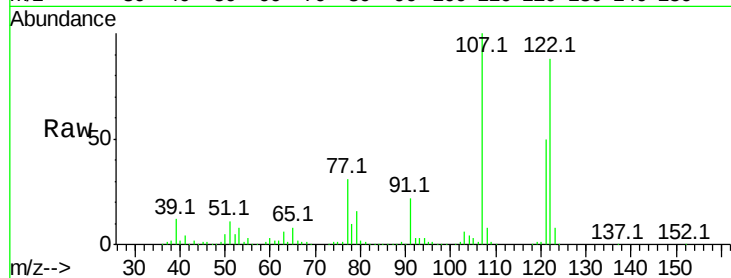
Tot Ion:122 Resp: 693300

Ion Ratio Lower Upper

122 100

107 114.2 94.1 141.1

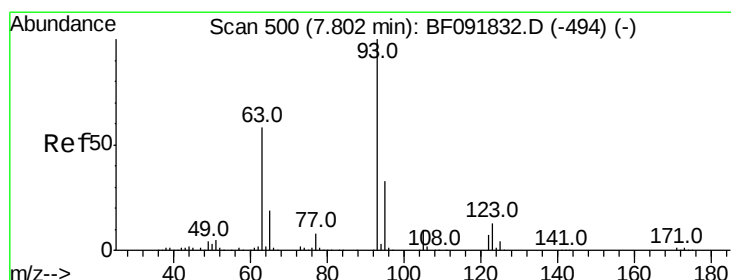
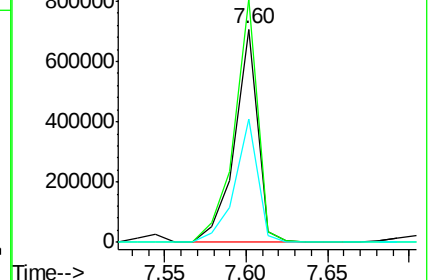
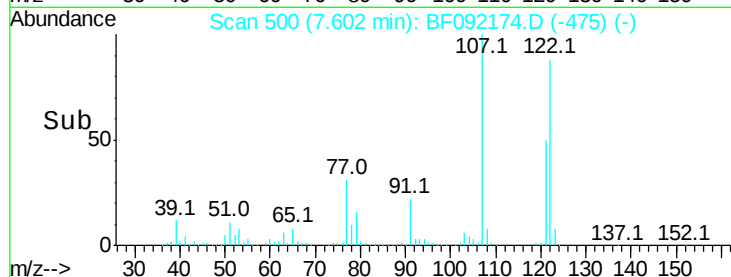
121 57.6 46.0 69.0



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: 39.10 ng

RT: 7.68 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

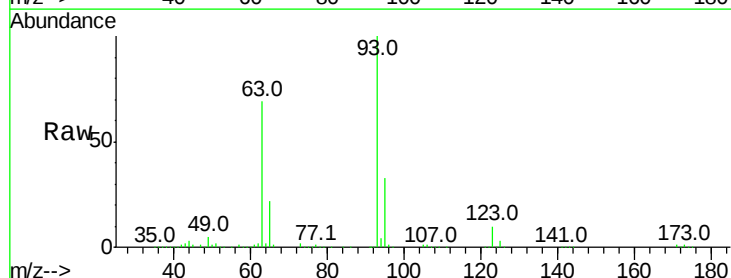
Tgt Ion: 93 Resp: 914834

Ion Ratio Lower Upper

93 100

95 33.3 26.5 39.7

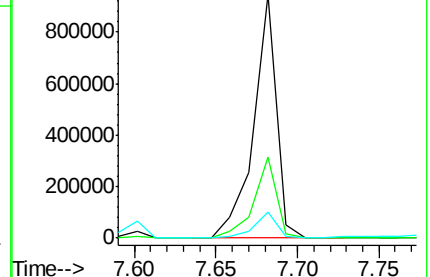
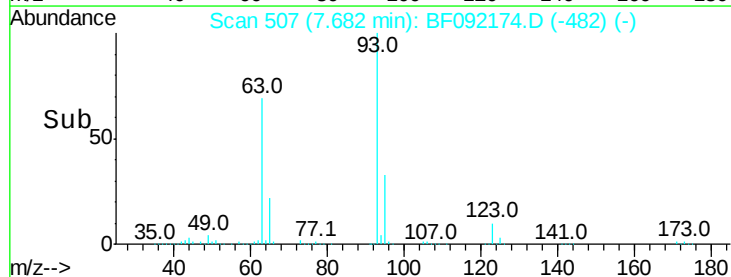
123 10.5 8.6 13.0

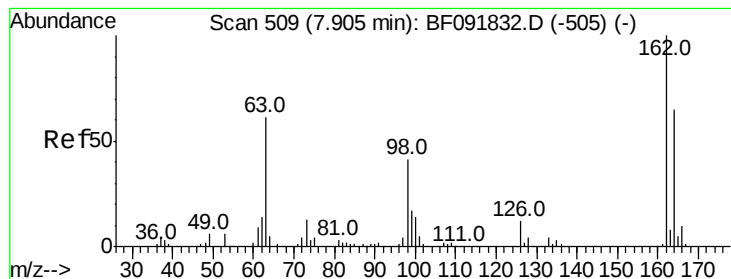


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.15 ng

RT: 7.80 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

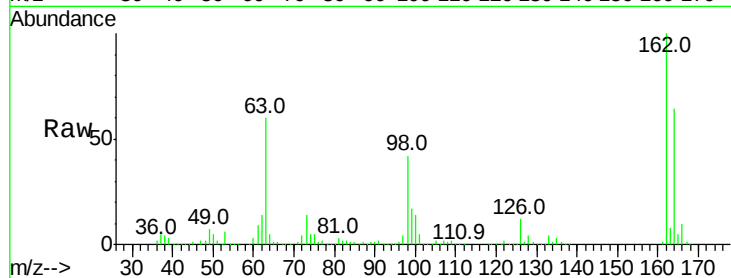
Tot Ion:162 Resp: 619367

Ion Ratio Lower Upper

162 100

164 63.9 46.8 86.8

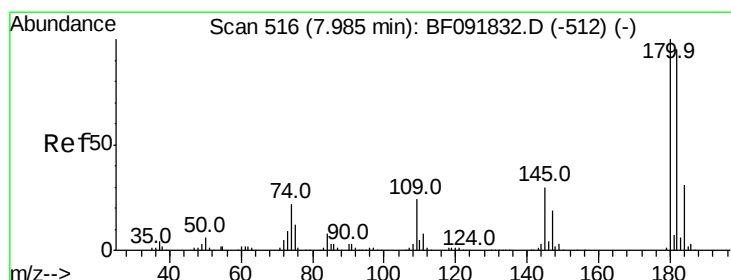
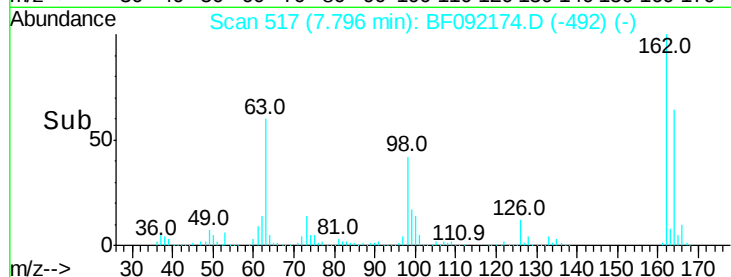
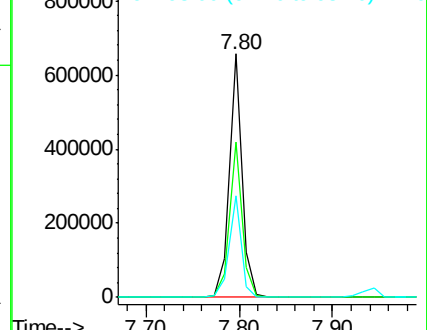
98 41.8 9.1 49.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 39.22 ng

RT: 7.86 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

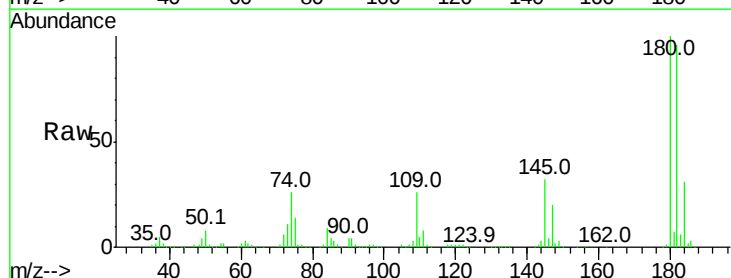
Tgt Ion:180 Resp: 663077

Ion Ratio Lower Upper

180 100

182 95.5 78.2 117.4

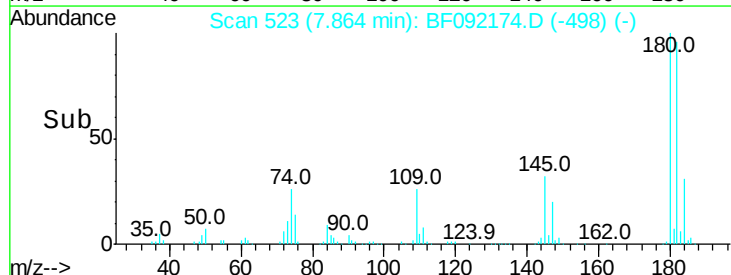
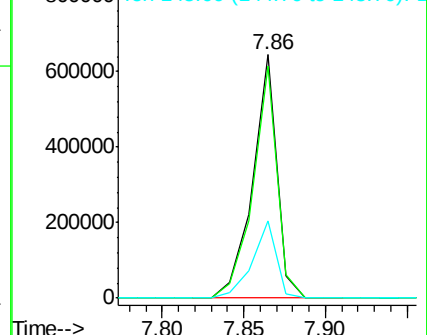
145 31.8 21.6 32.4



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.81 ng

RT: 7.94 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

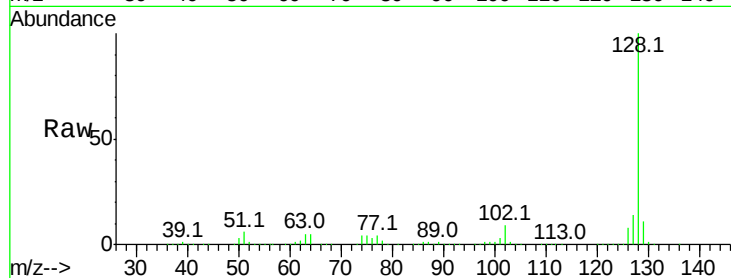
Tot Ion:128 Resp: 2278166

Ion Ratio Lower Upper

128 100

129 11.4 9.5 14.3

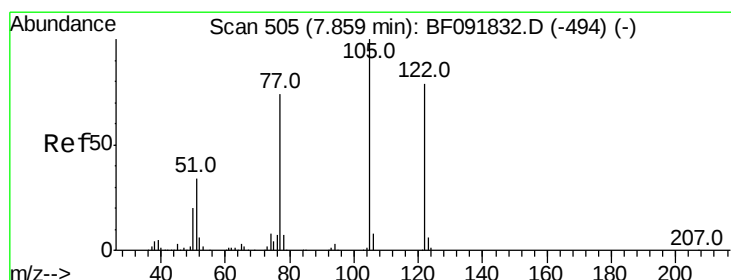
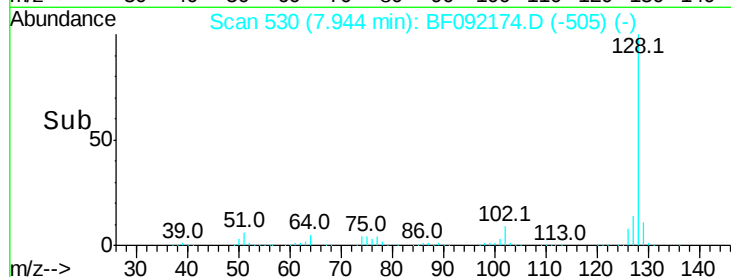
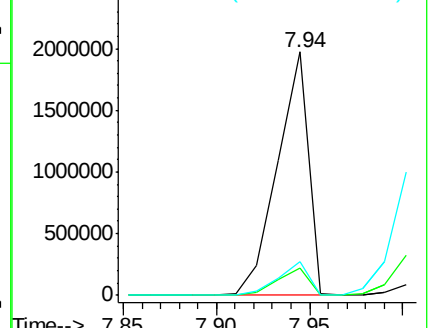
127 13.6 10.8 16.2



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: 34.70 ng

RT: 7.78 min Scan# 516

Delta R.T. 0.03 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

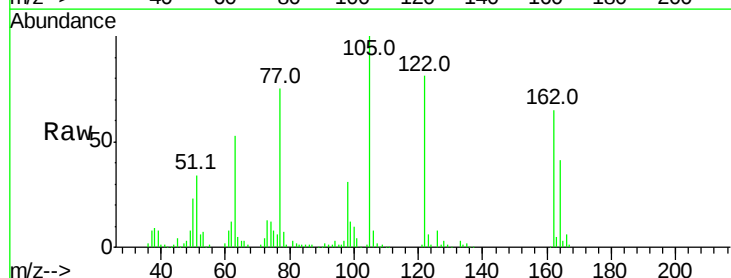
Tgt Ion:122 Resp: 468848

Ion Ratio Lower Upper

122 100

105 124.1 107.2 147.2

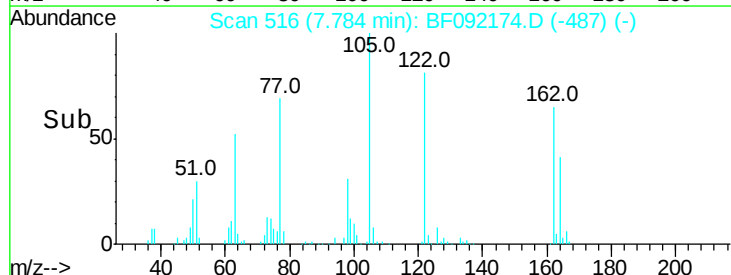
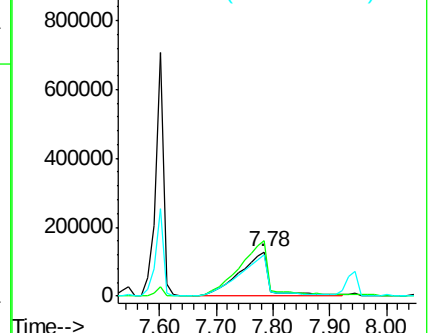
77 92.5 74.5 114.5

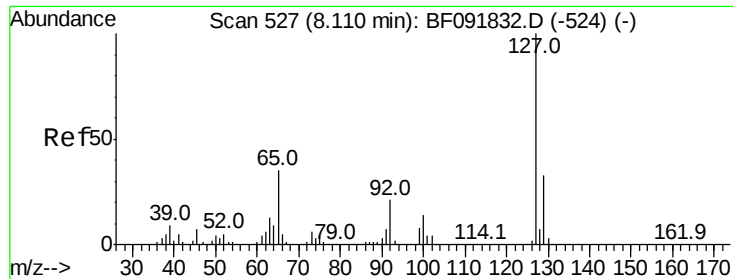


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

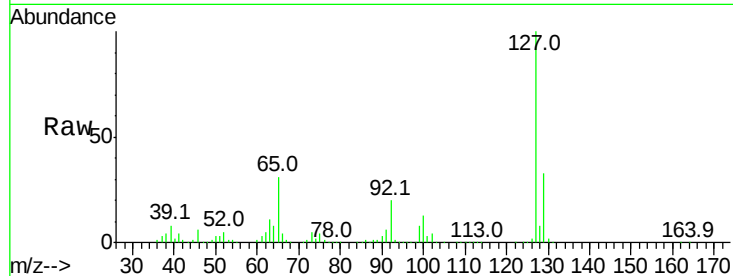




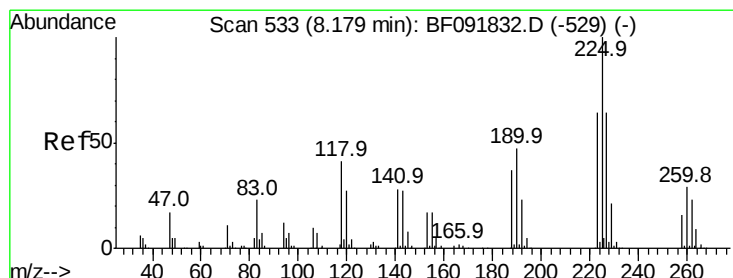
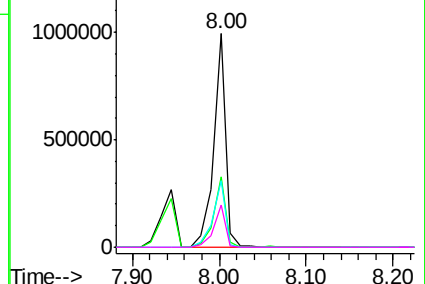
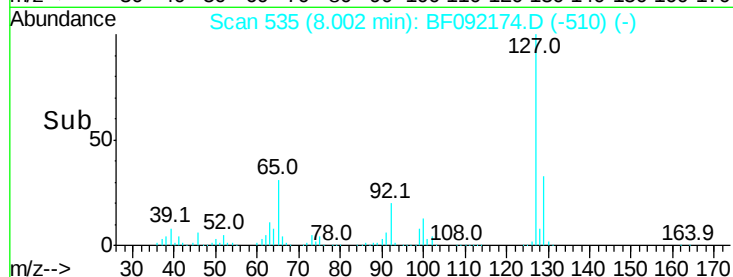
#33
4-Chloroaniline
Concen: 40.14 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF092174.D
Acq: 10 Jan 2017 11:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	963378
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.3	39.5
65	31.1	25.8	38.8
92	19.8	16.1	24.1

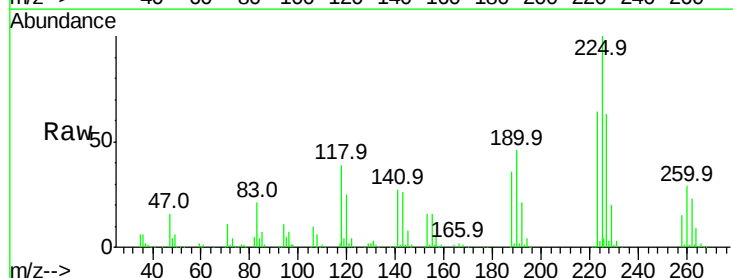


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

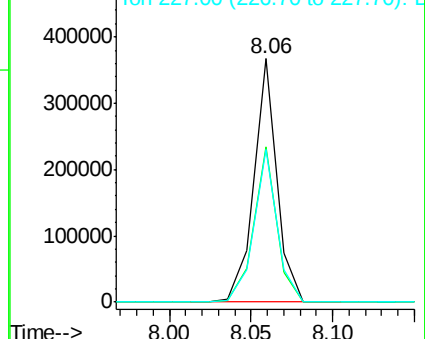
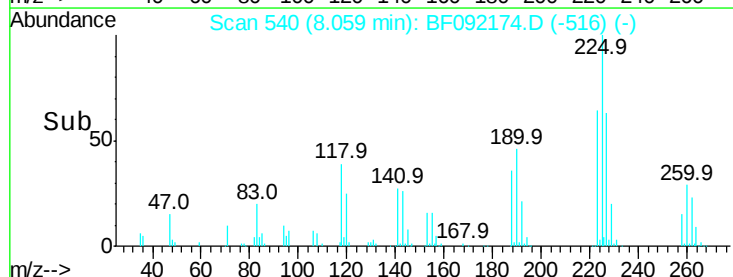


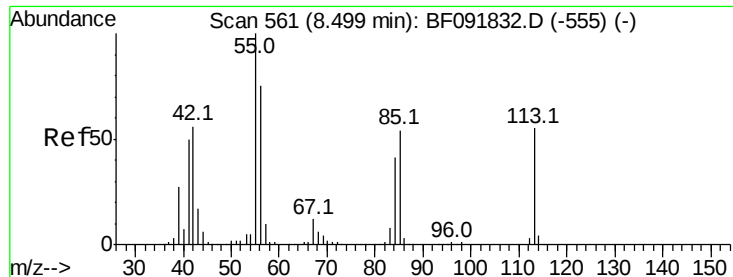
#34
Hexachlorobutadiene
Concen: 40.36 ng
RT: 8.06 min Scan# 540
Delta R.T. -0.02 min
Lab File: BF092174.D
Acq: 10 Jan 2017 11:45

Tgt Ion:	225	Resp:	360097
Ion	Ratio	Lower	Upper
225	100		
223	63.7	51.0	76.6
227	63.0	50.6	76.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

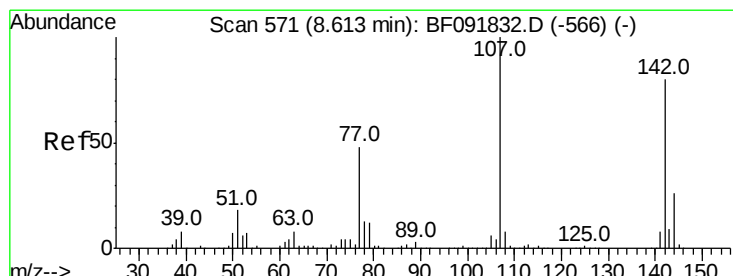
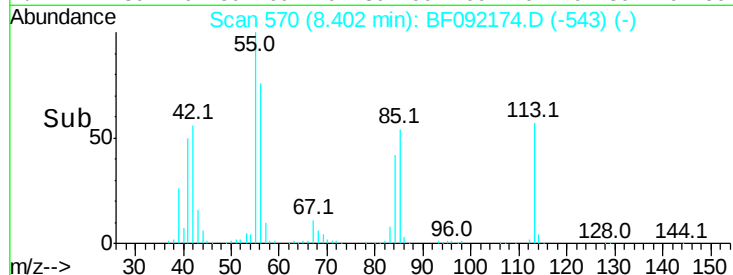
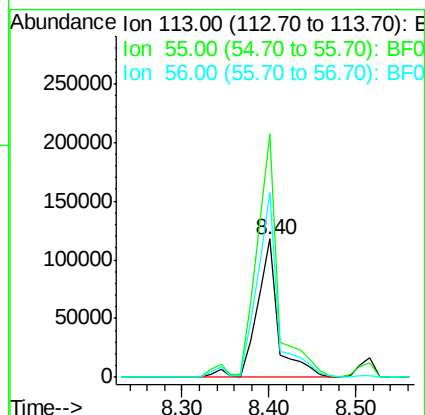
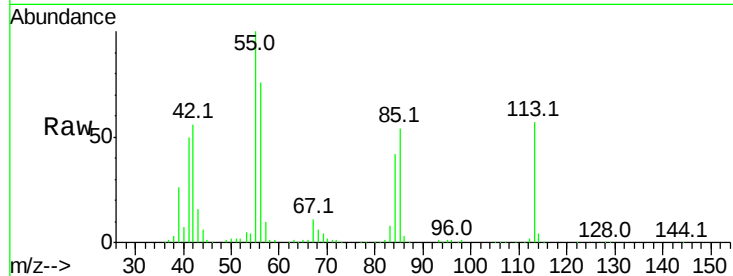




#35
Caprolactam
Concen: 40.11 ng
RT: 8.40 min Scan# 570
Delta R.T. 0.01 min
Lab File: BF092174.D
Acq: 10 Jan 2017 11:45

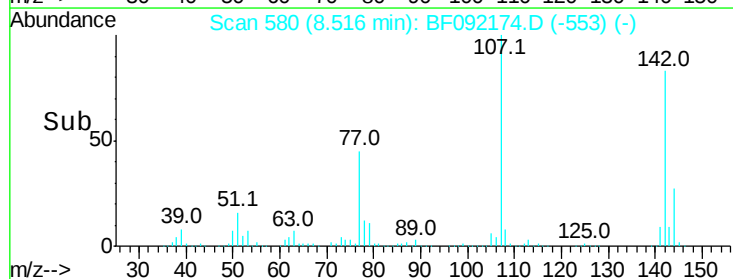
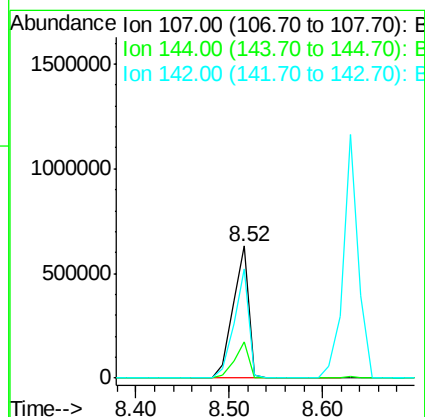
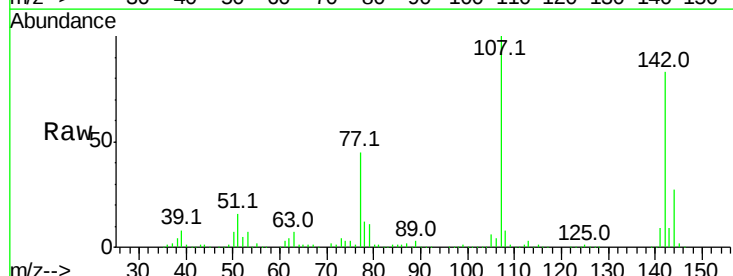
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

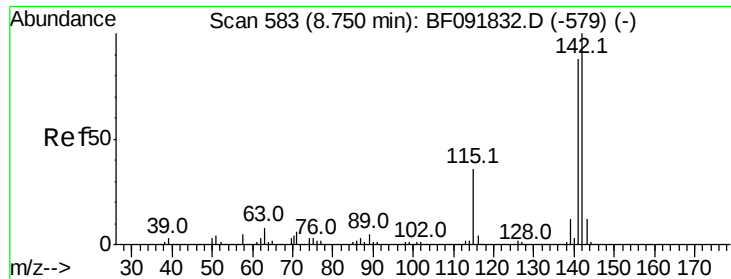
Tot Ion:113 Resp: 203314
Ion Ratio Lower Upper
113 100
55 175.9 119.2 159.2#
56 133.1 83.8 123.8#



#36
4-Chloro-3-methylphenol
Concen: 41.89 ng
RT: 8.52 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF092174.D
Acq: 10 Jan 2017 11:45

Tgt Ion:107 Resp: 743649
Ion Ratio Lower Upper
107 100
144 27.4 19.3 28.9
142 82.7 59.0 88.6

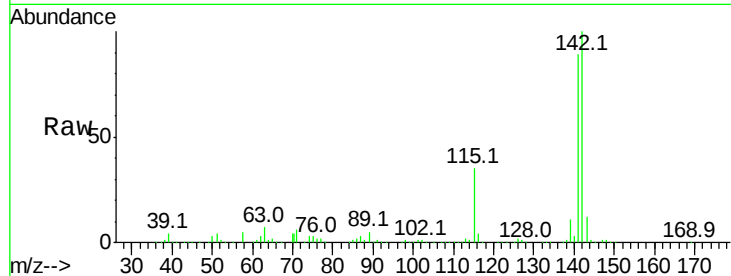




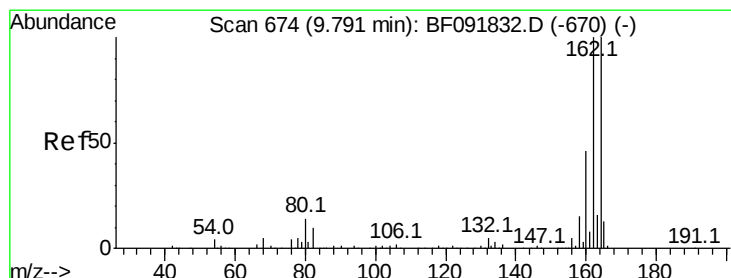
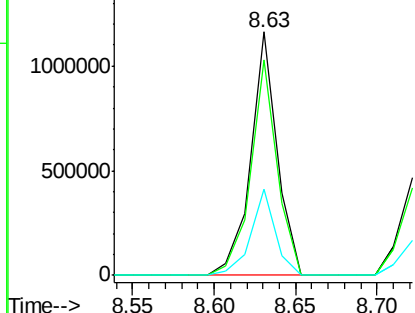
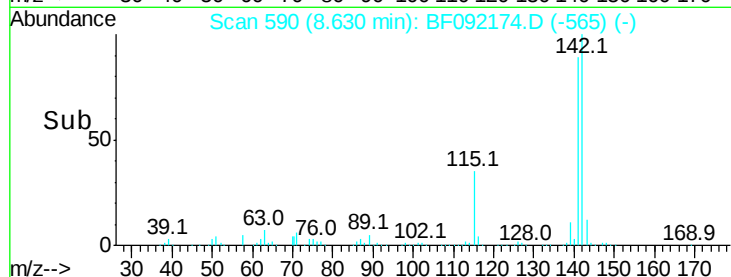
#37
 2-Methylnaphthalene
 Concen: 38.55 ng
 RT: 8.63 min Scan# 590
 Delta R.T. -0.01 min
 Lab File: BF092174.D
 Acq: 10 Jan 2017 11:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:142 Resp: 1308100
 Ion Ratio Lower Upper
 142 100
 141 88.7 71.0 106.6
 115 35.4 28.3 42.5

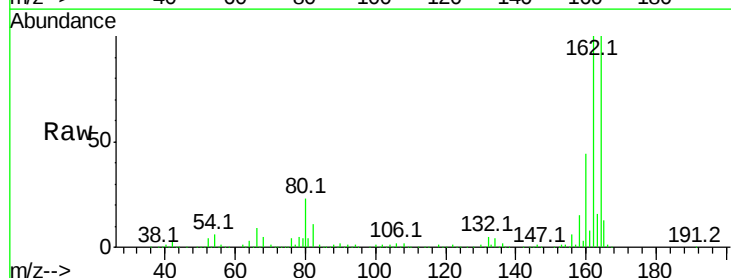


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

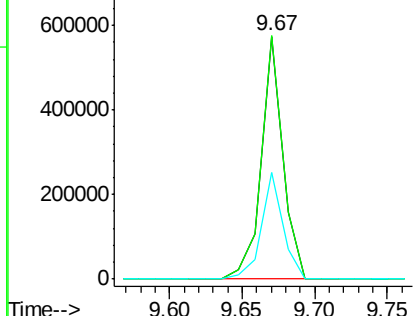
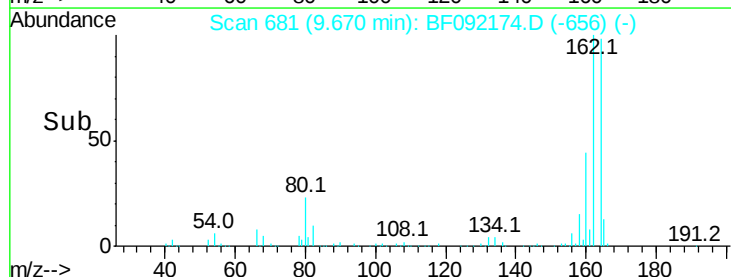


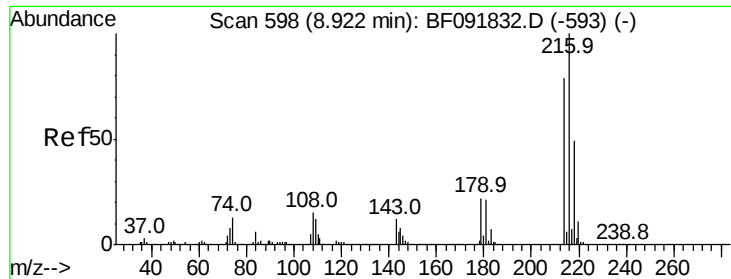
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.67 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BF092174.D
 Acq: 10 Jan 2017 11:45

Tgt Ion:164 Resp: 590896
 Ion Ratio Lower Upper
 164 100
 162 100.5 80.2 120.2
 160 44.1 36.9 55.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.86 ng

RT: 8.80 min Scan# 605

Delta R.T. -0.01 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 580202

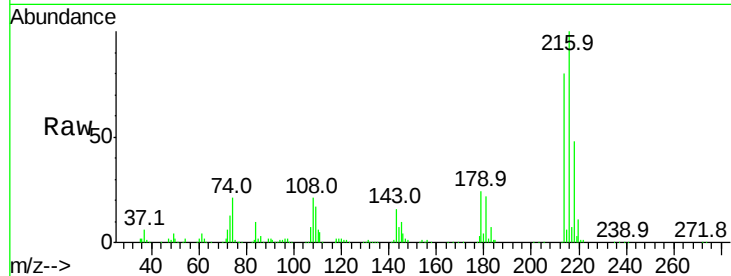
Ion Ratio Lower Upper

216 100

214 79.3 63.4 95.0

179 23.4 17.4 26.2

108 22.0 15.6 23.4

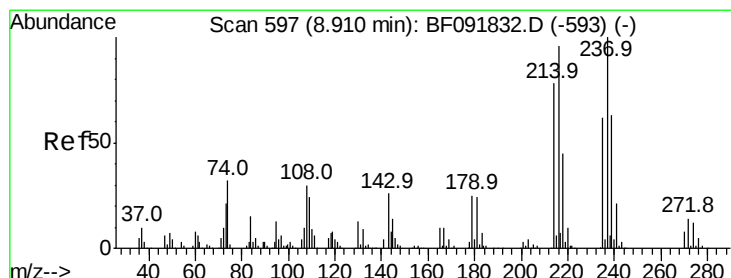
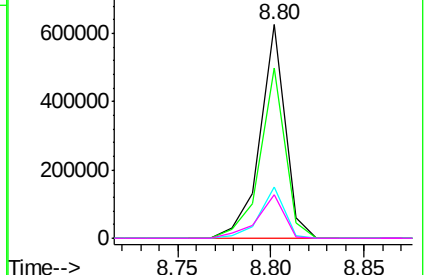
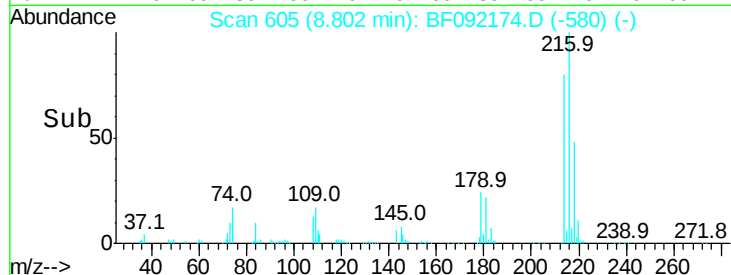


Abundance Ion 216.00 (215.70 to 216.70): E

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: 34.27 ng

RT: 8.79 min Scan# 604

Delta R.T. -0.01 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

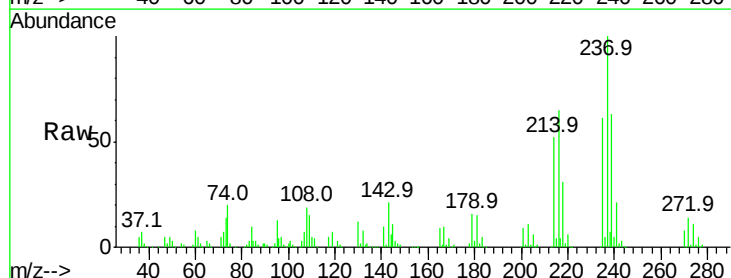
Tgt Ion:237 Resp: 211968

Ion Ratio Lower Upper

237 100

235 61.3 41.2 81.2

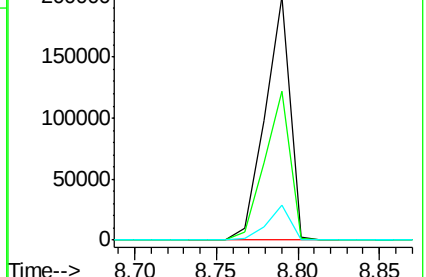
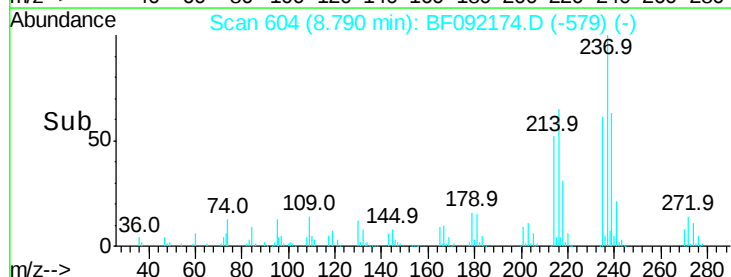
272 14.1 0.0 35.4



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

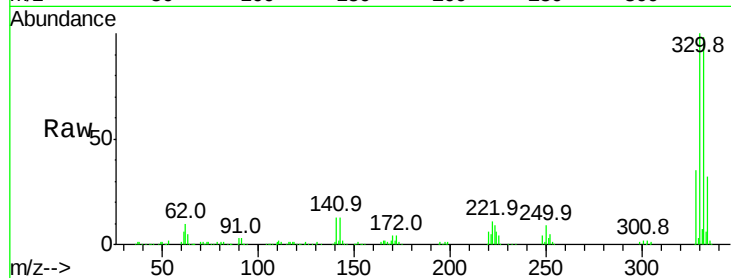




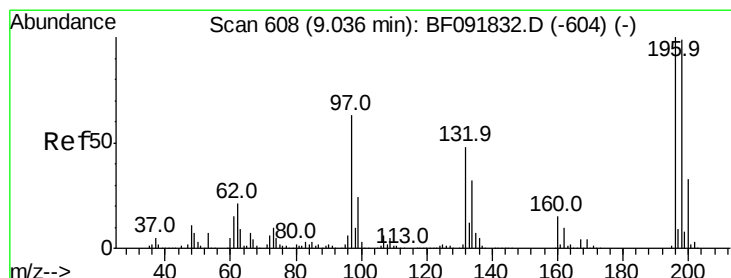
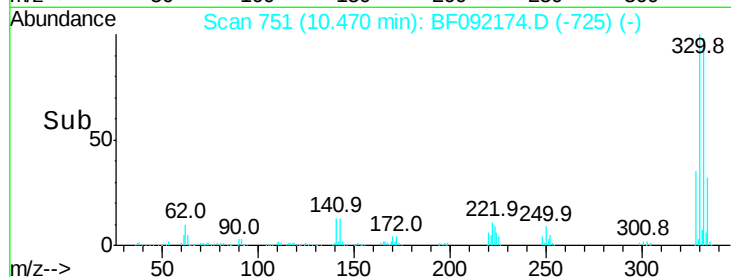
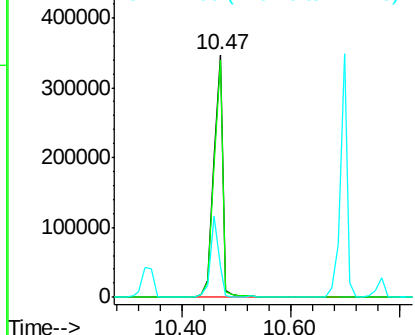
#41
 2,4,6-Tribromophenol
 Concen: 85.17 ng
 RT: 10.47 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF092174.D
 Acq: 10 Jan 2017 11:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:330 Resp: 416475
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.4 116.2
 141 30.8 34.1 51.1#

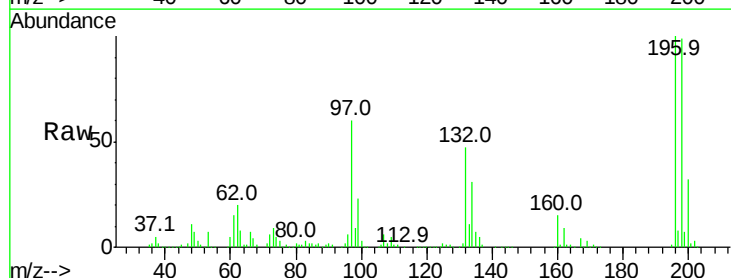


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

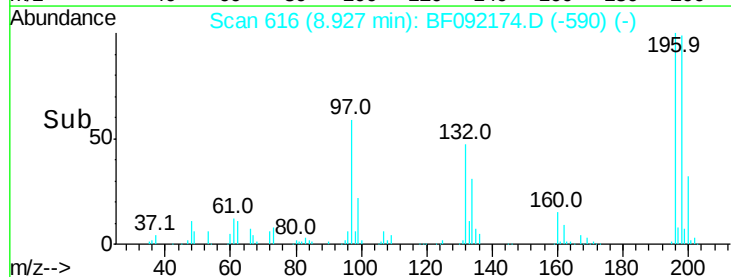
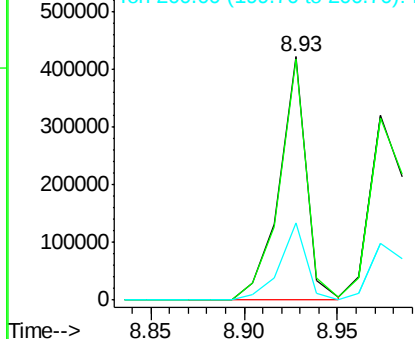


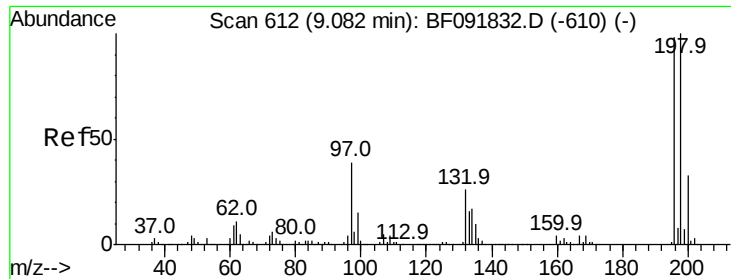
#42
 2,4,6-Trichlorophenol
 Concen: 40.91 ng
 RT: 8.93 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF092174.D
 Acq: 10 Jan 2017 11:45

Tgt Ion:196 Resp: 427114
 Ion Ratio Lower Upper
 196 100
 198 99.2 82.1 123.1
 200 31.9 27.0 40.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

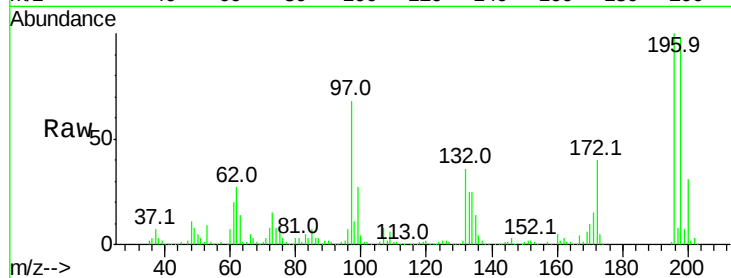




#43
 2,4,5-Trichlorophenol
 Concen: 37.90 ng
 RT: 8.97 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF092174.D
 Acq: 10 Jan 2017 11:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	407209
Ion	Ratio	Lower	Upper
196	100		
198	98.3	79.4	119.2
97	68.3	51.5	77.3
132	36.5	27.4	41.2



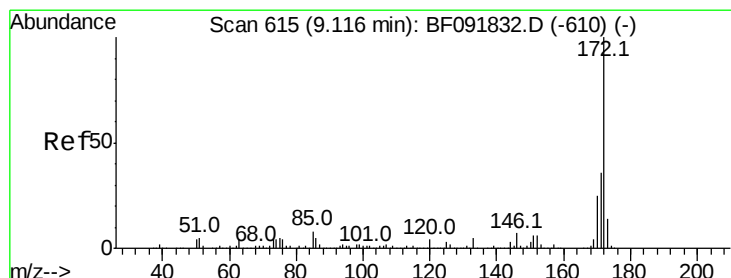
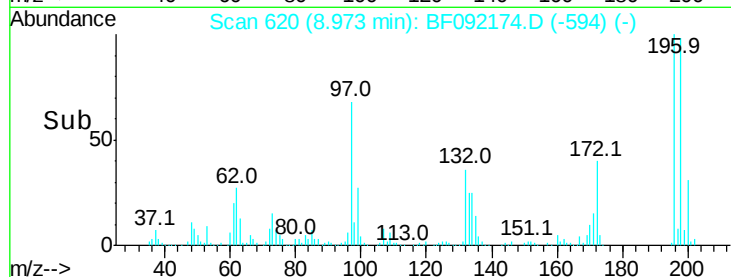
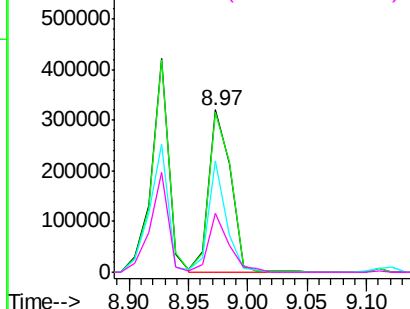
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

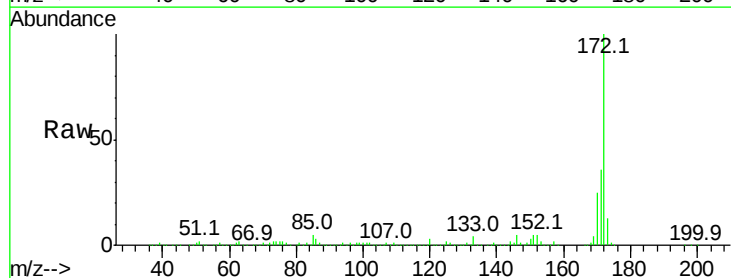
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 94.92 ng
 RT: 9.01 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF092174.D
 Acq: 10 Jan 2017 11:45

Tgt Ion:	172	Resp:	2694003
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	24.8	20.2	30.4

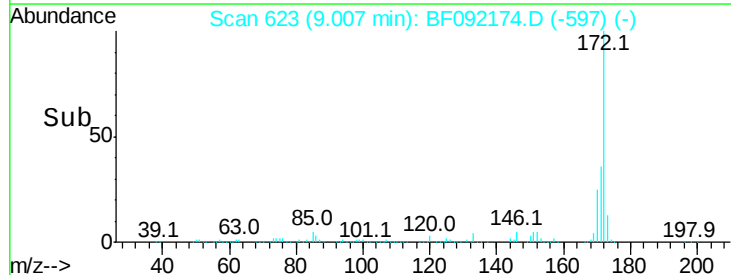
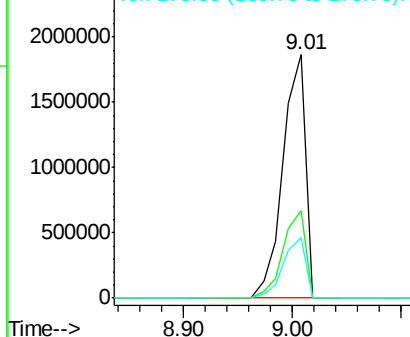


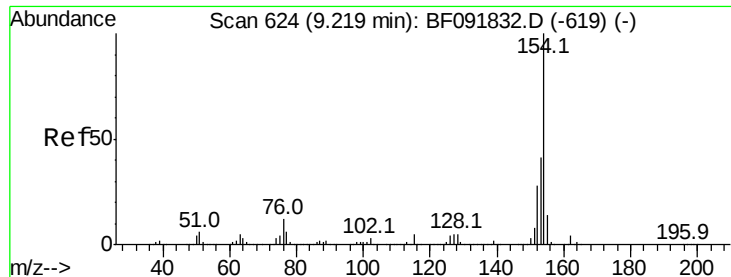
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 39.03 ng

RT: 9.10 min Scan# 631

Delta R.T. -0.01 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

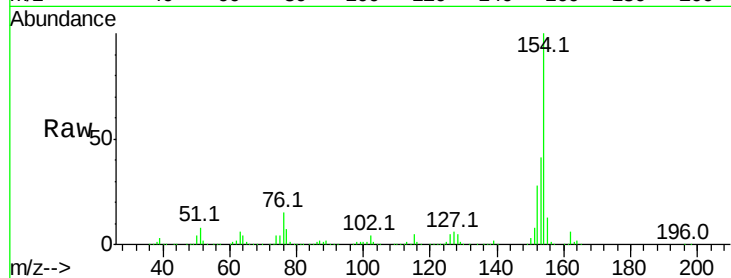
Tot Ion:154 Resp: 1579314

Ion Ratio Lower Upper

154 100

153 40.7 20.9 60.9

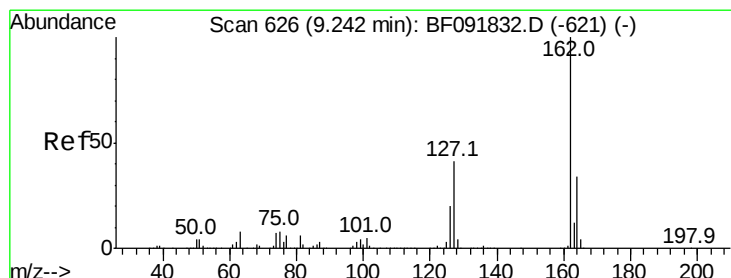
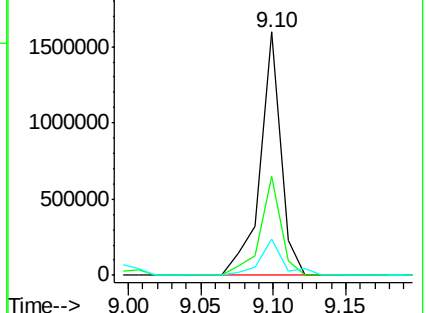
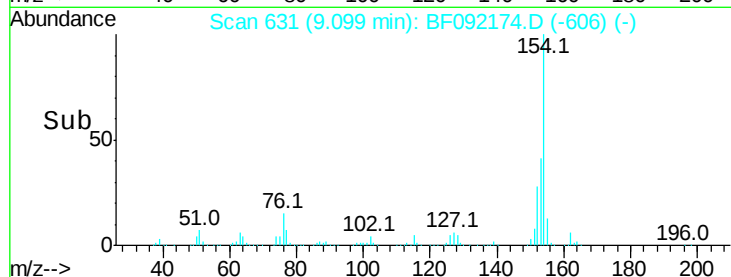
76 15.0 0.0 30.5



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: 38.90 ng

RT: 9.12 min Scan# 633

Delta R.T. -0.01 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

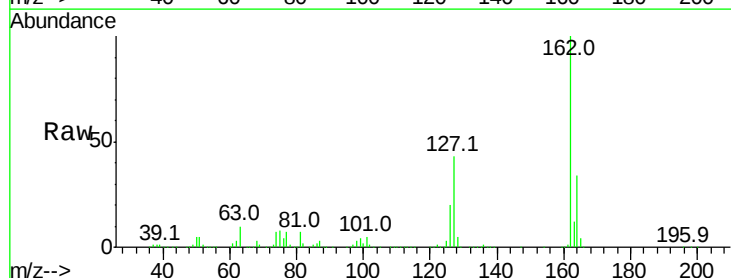
Tgt Ion:162 Resp: 1246462

Ion Ratio Lower Upper

162 100

127 42.7 30.7 46.1

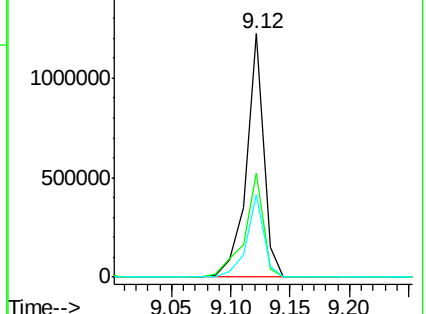
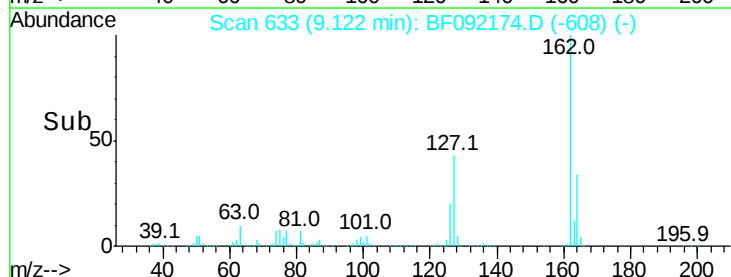
164 33.8 27.6 41.4

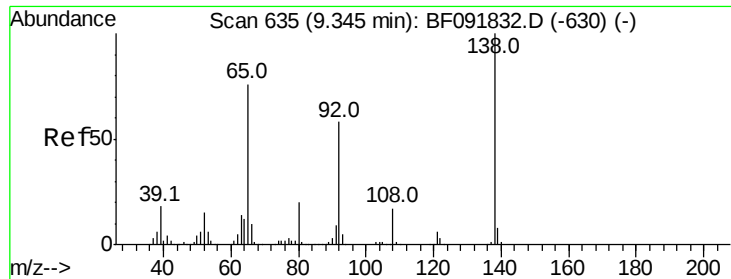


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

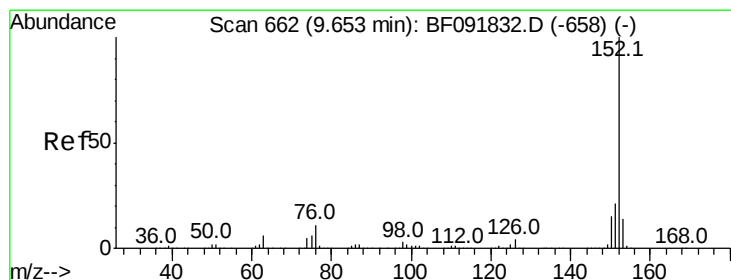
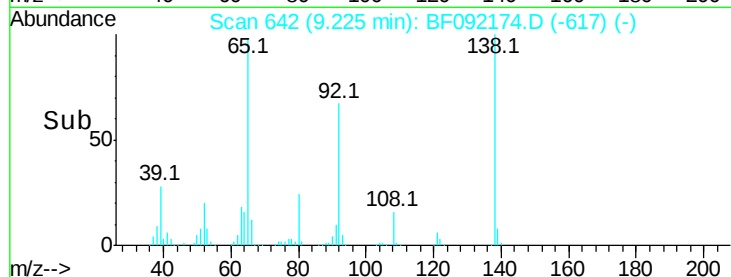
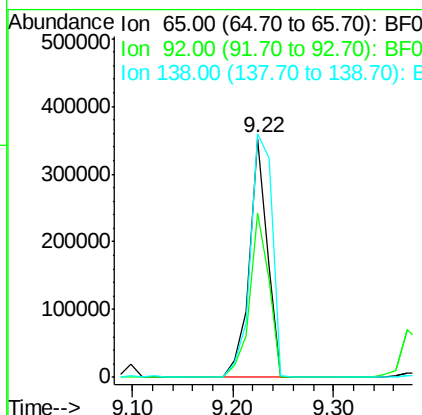
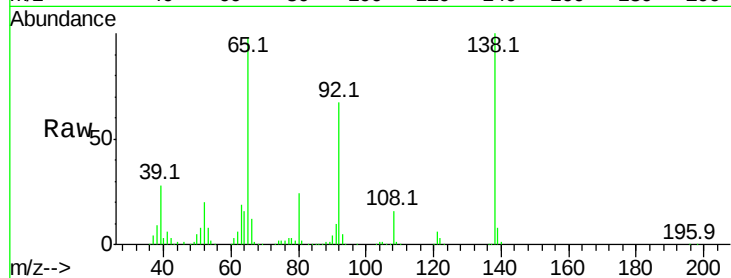




#47
2-Nitroaniline
Concen: 38.68 ng
RT: 9.22 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF092174.D
Acq: 10 Jan 2017 11:45

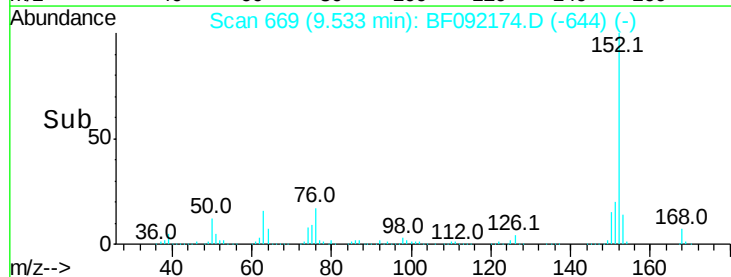
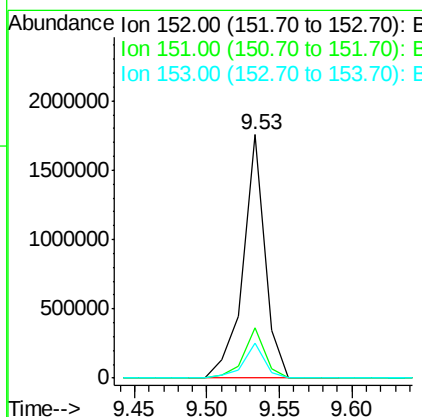
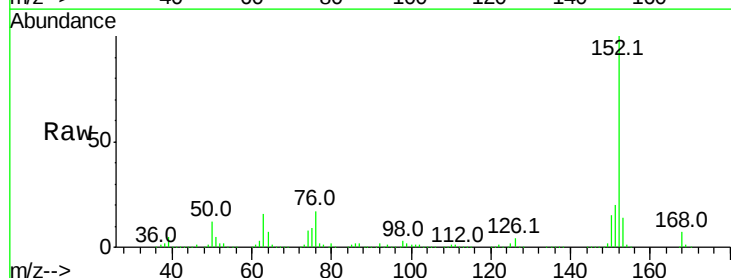
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

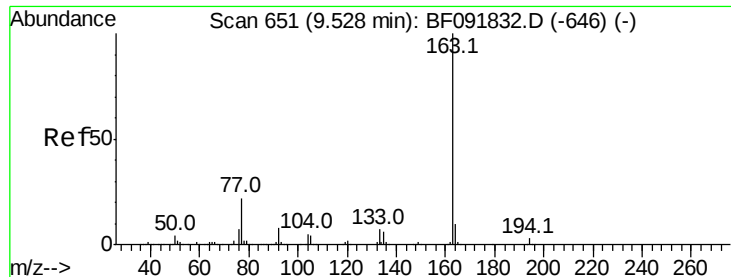
Tot Ion: 65 Resp: 441225
Ion Ratio Lower Upper
65 100
92 68.7 53.9 80.9
138 101.9 76.8 115.2



#48
Acenaphthylene
Concen: 37.57 ng
RT: 9.53 min Scan# 669
Delta R.T. -0.01 min
Lab File: BF092174.D
Acq: 10 Jan 2017 11:45

Tgt Ion: 152 Resp: 1851306
Ion Ratio Lower Upper
152 100
151 20.5 16.9 25.3
153 14.4 11.4 17.2

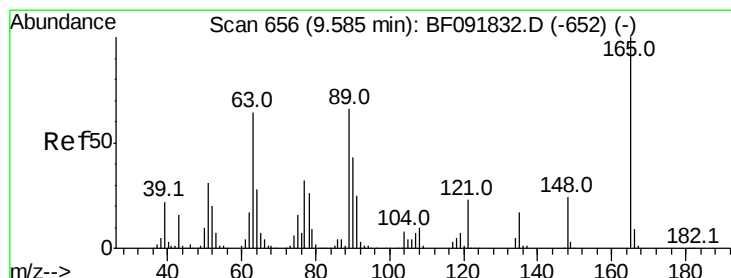
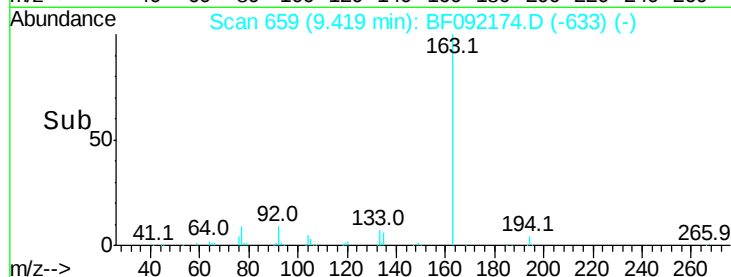
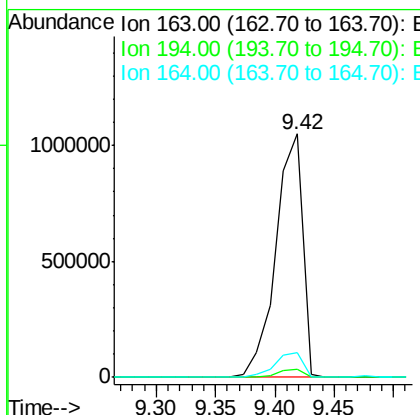
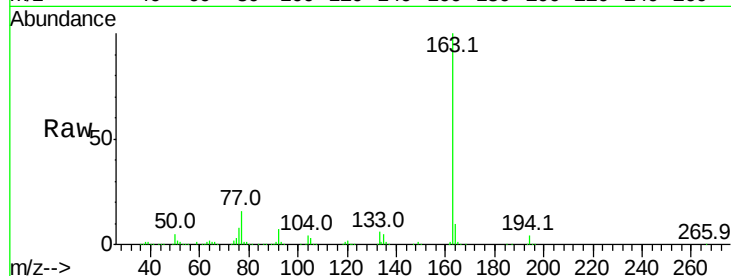




#49
Dimethylphthalate
Concen: 43.32 ng
RT: 9.42 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF092174.D
Acq: 10 Jan 2017 11:45

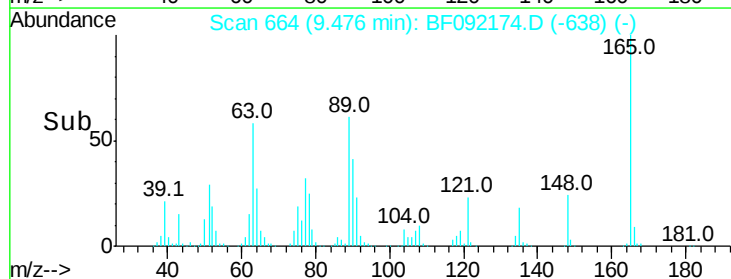
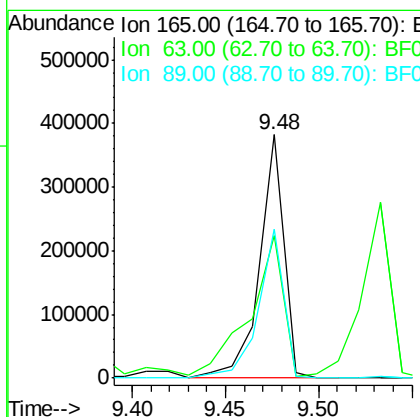
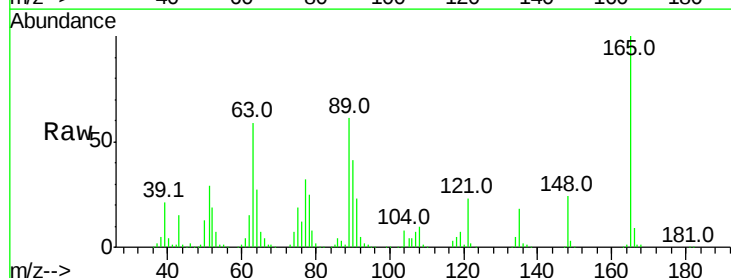
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

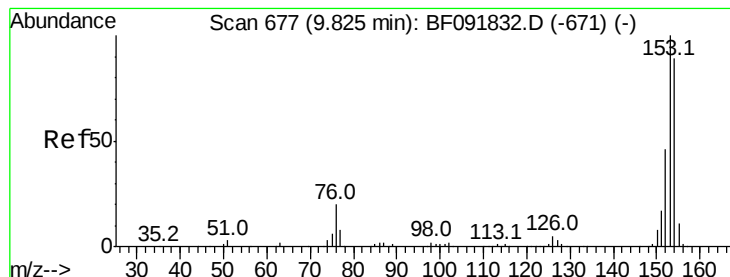
Tot Ion:163 Resp: 1637080
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 9.9 8.0 12.0



#50
2,6-Dinitrotoluene
Concen: 41.41 ng
RT: 9.48 min Scan# 664
Delta R.T. -0.00 min
Lab File: BF092174.D
Acq: 10 Jan 2017 11:45

Tgt Ion:165 Resp: 342560
Ion Ratio Lower Upper
165 100
63 58.6 36.2 54.4#
89 61.3 40.2 60.4#





#51

Acenaphthene

Concen: 34.99 ng

RT: 9.70 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

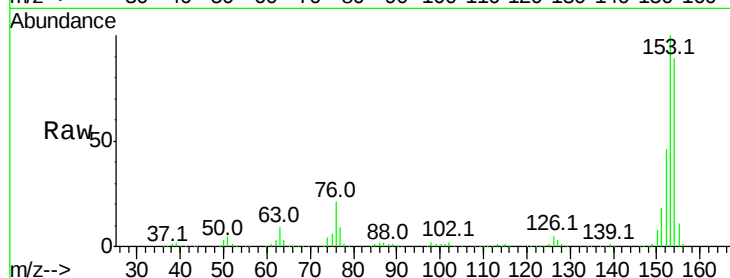
Tot Ion:154 Resp: 1168798

Ion Ratio Lower Upper

154 100

153 112.0 88.6 133.0

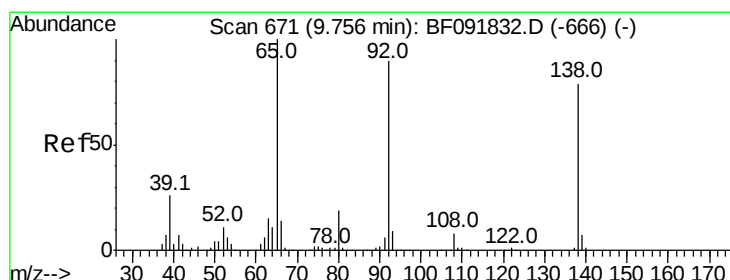
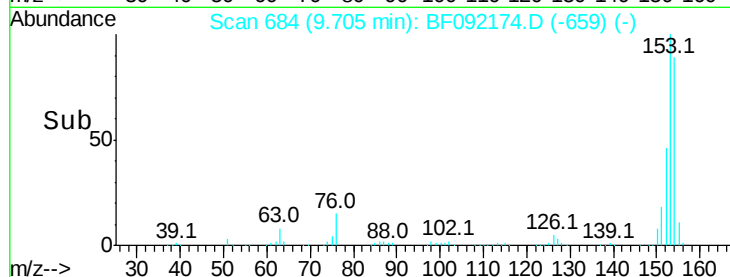
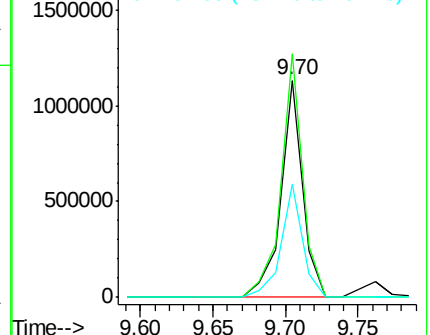
152 51.8 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 47.13 ng

RT: 9.65 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

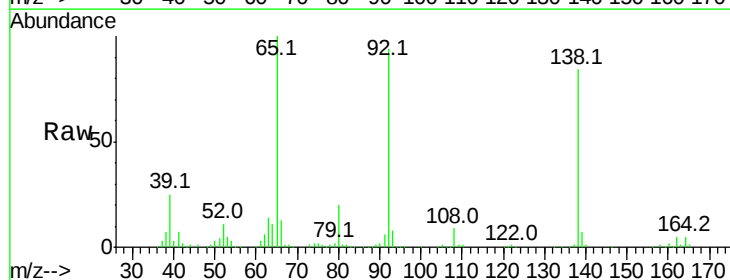
Tgt Ion:138 Resp: 482475

Ion Ratio Lower Upper

138 100

108 10.1 8.5 12.7

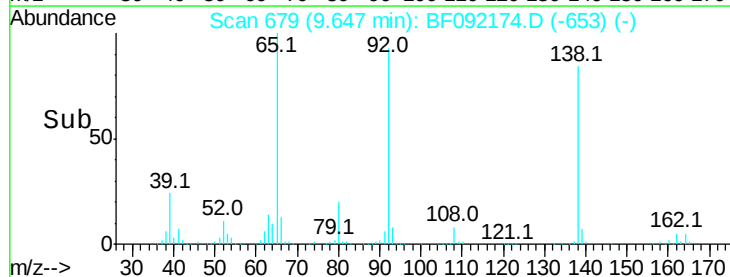
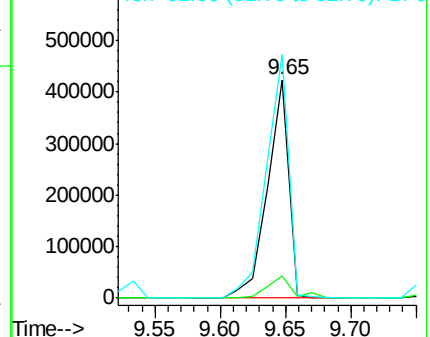
92 111.5 97.8 146.8

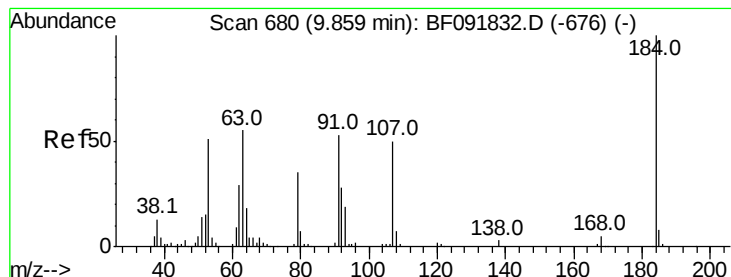


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 46.05 ng

RT: 9.76 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

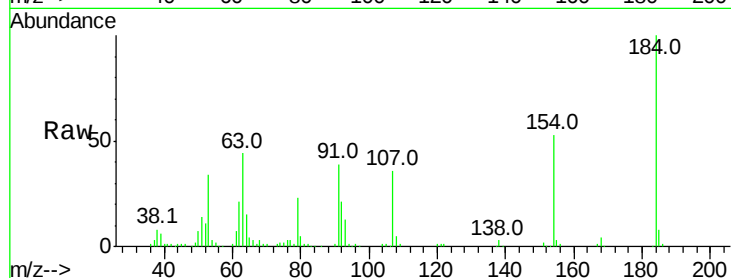
Tot Ion:184 Resp: 211945

Ion Ratio Lower Upper

184 100

63 44.3 28.4 42.6#

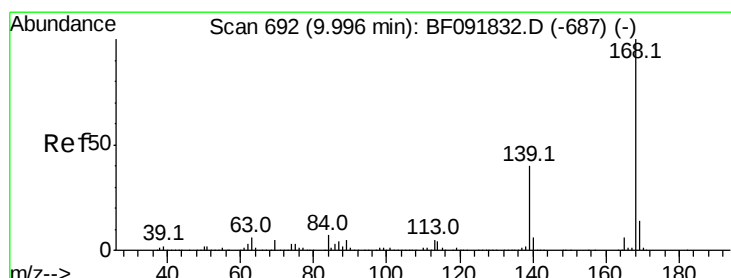
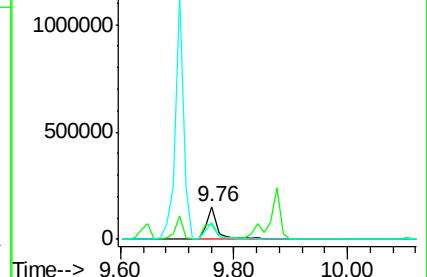
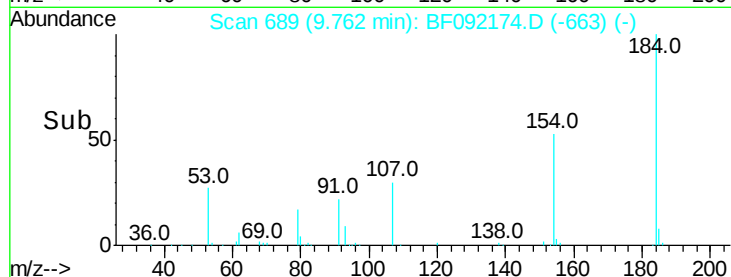
154 53.3 44.3 66.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 35.15 ng

RT: 9.88 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

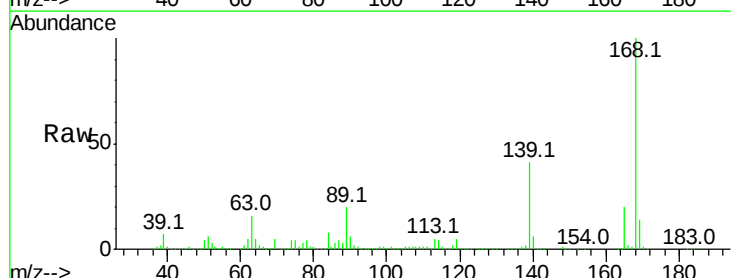
Tgt Ion:168 Resp: 1585692

Ion Ratio Lower Upper

168 100

139 40.6 32.6 49.0

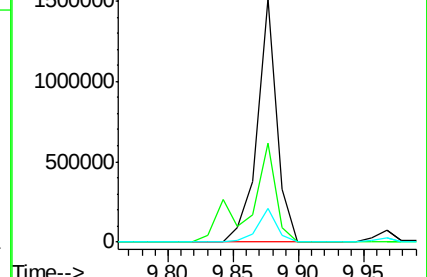
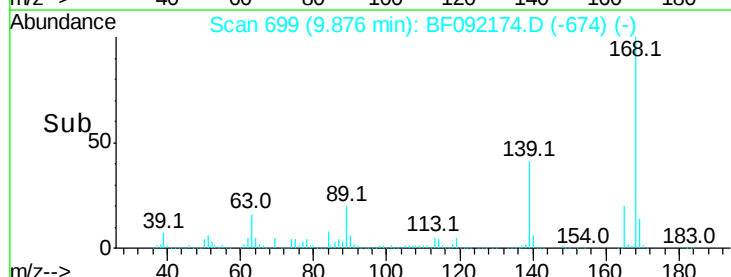
169 14.0 11.3 16.9

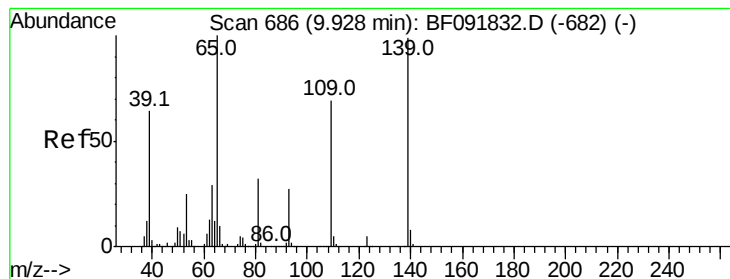


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 40.30 ng/mL

RT: 9.84 min Scan# 696

Delta R.T. 0.01 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

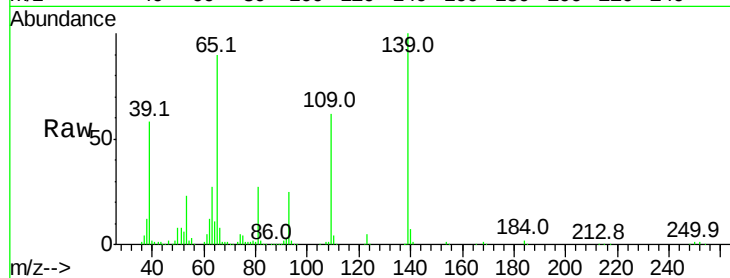
Tot Ion:139 Resp: 280103

Ion Ratio Lower Upper

139 100

109 61.6 52.2 92.2

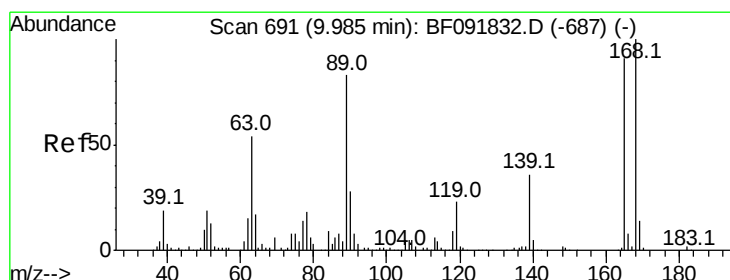
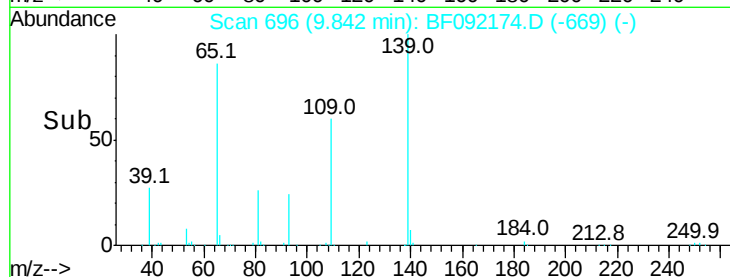
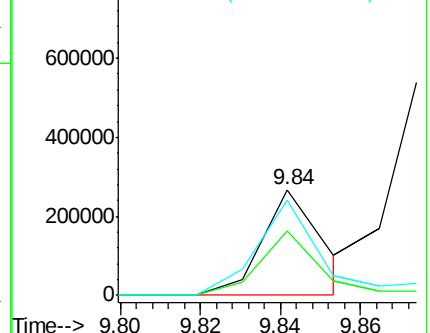
65 89.7 85.8 125.8



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



#56

2,4-Dinitrotoluene

Concen: 36.47 ng/mL

RT: 9.88 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

Tgt Ion:165 Resp: 378628

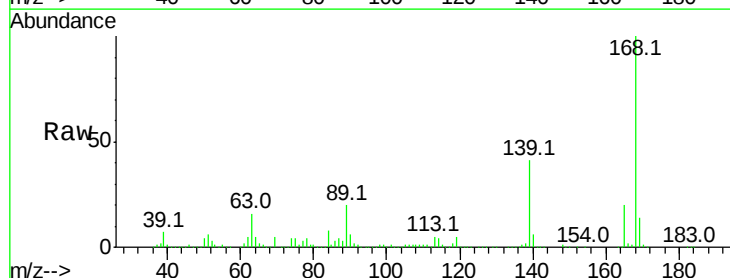
Ion Ratio Lower Upper

165 100

63 79.7 40.2 60.4#

89 101.1 62.5 93.7#

182 2.1 1.8 2.8

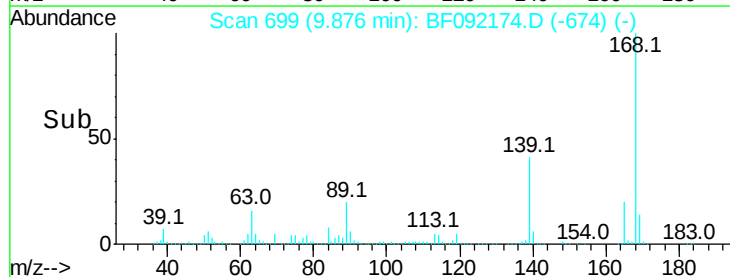
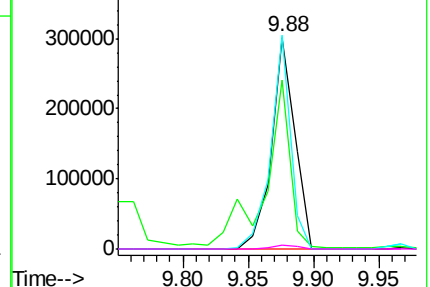


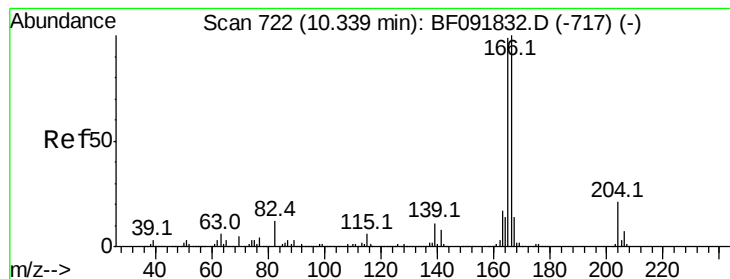
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 37.32 ng

RT: 10.22 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

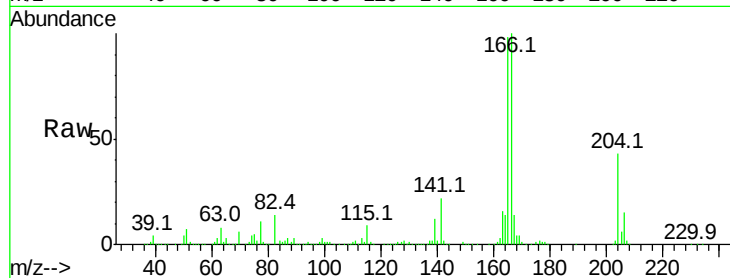
Tot Ion:166 Resp: 1225093

Ion Ratio Lower Upper

166 100

165 98.3 77.8 116.8

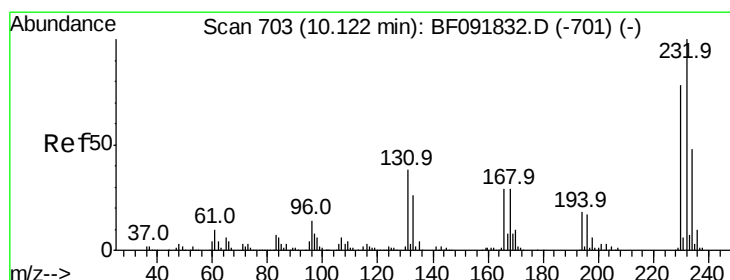
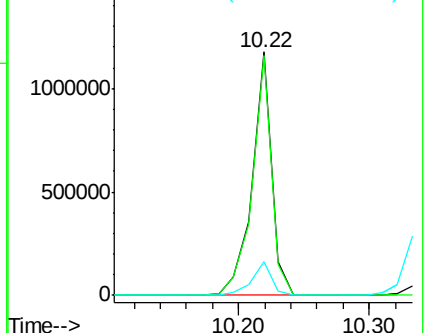
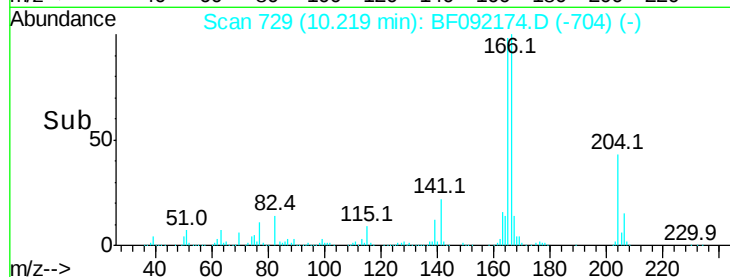
167 13.8 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.07 ng

RT: 10.01 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

Tgt Ion:232 Resp: 340514

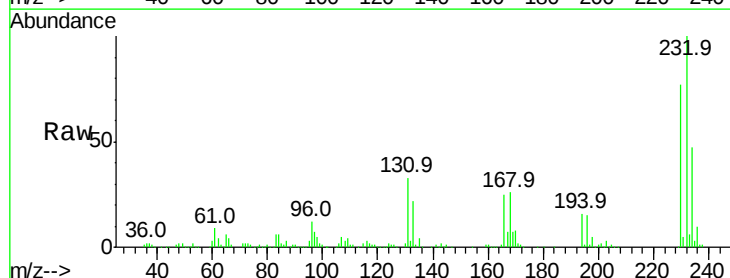
Ion Ratio Lower Upper

232 100

131 47.1 40.1 60.1

130 2.2 1.8 2.8

166 30.2 26.6 39.8

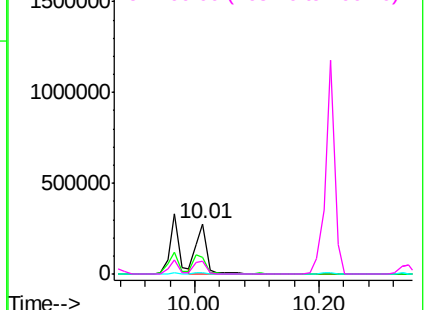
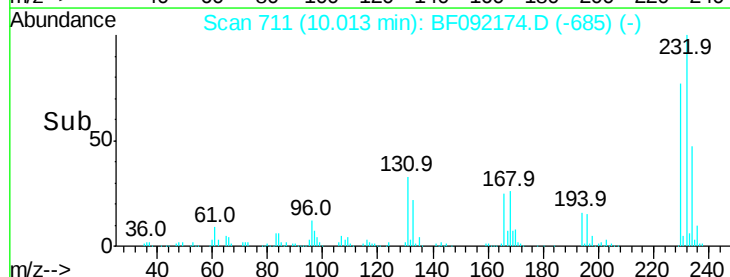


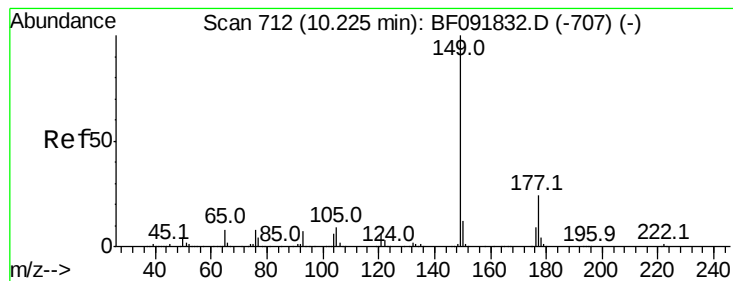
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 39.21 ng

RT: 10.10 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

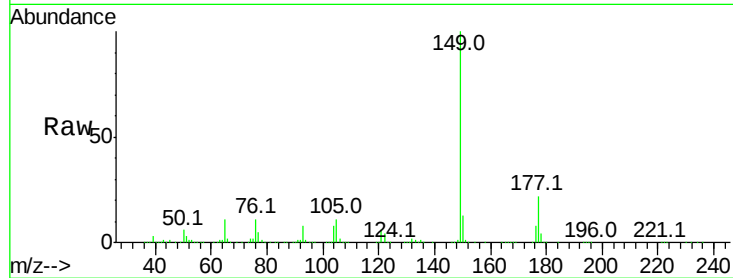
Tot Ion:149 Resp: 1438985

Ion Ratio Lower Upper

149 100

177 21.5 16.6 25.0

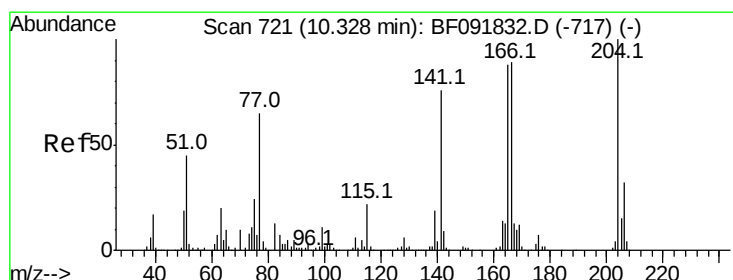
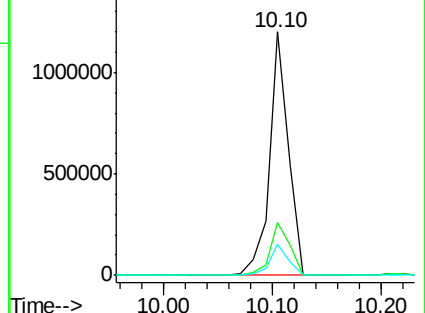
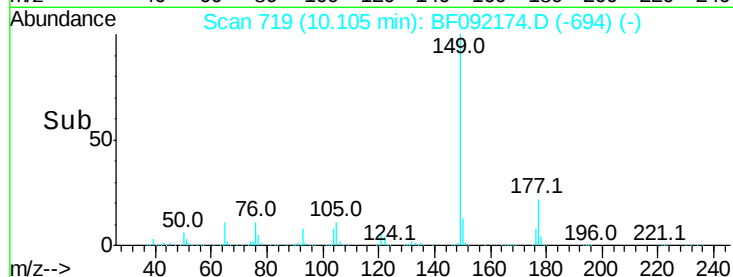
150 12.8 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 42.16 ng

RT: 10.22 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

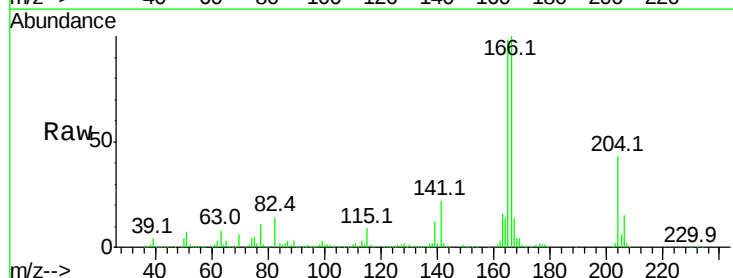
Tgt Ion:204 Resp: 605984

Ion Ratio Lower Upper

204 100

206 33.6 25.8 38.6

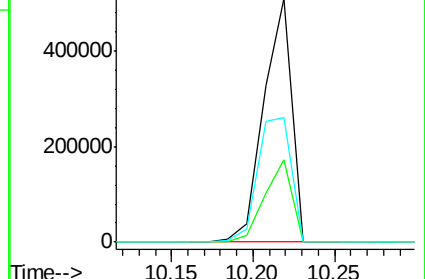
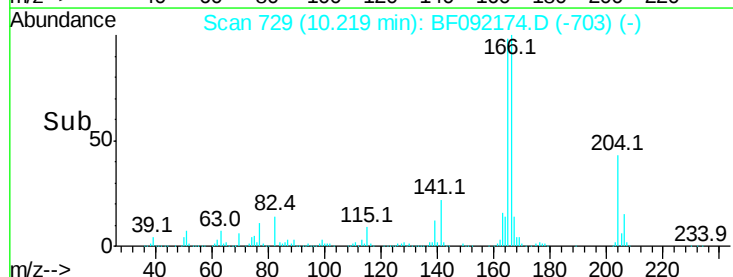
141 50.9 59.4 89.0#

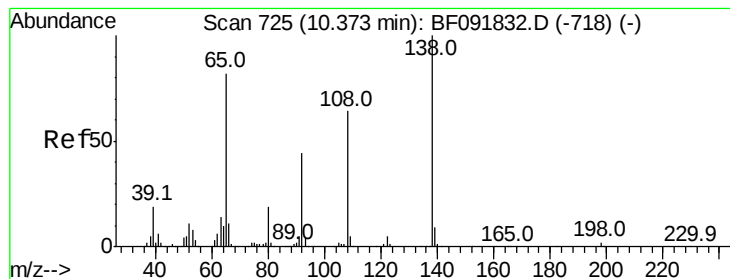


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 44.32 ng

RT: 10.26 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

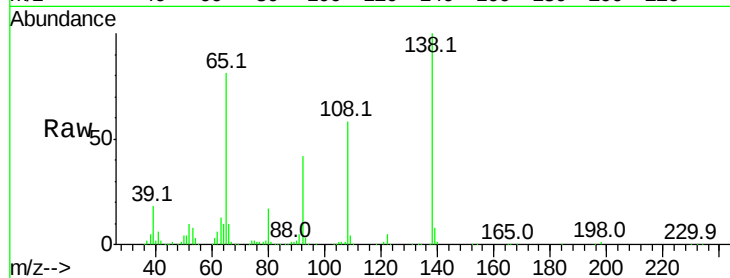
Tot Ion:138 Resp: 470173

Ion Ratio Lower Upper

138 100

92 41.9 31.7 71.7

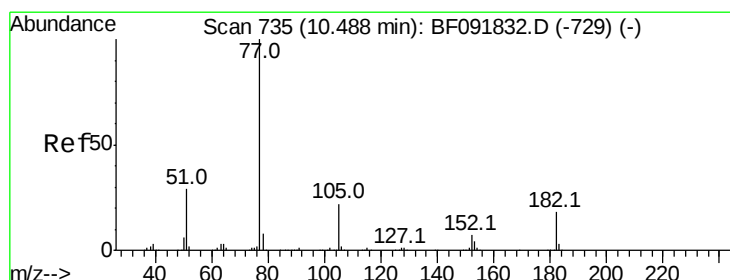
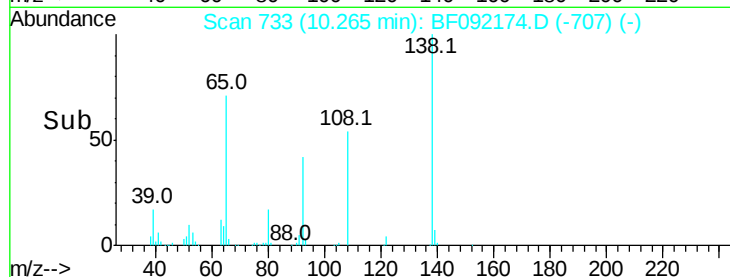
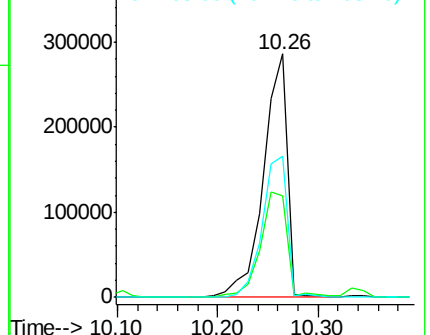
108 57.9 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 42.31 ng

RT: 10.38 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

Tgt Ion: 77 Resp: 1709913

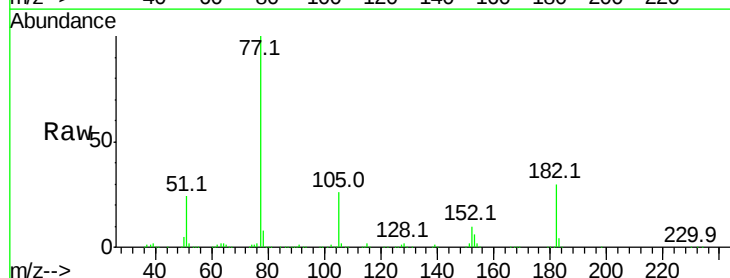
Ion Ratio Lower Upper

77 100

182 29.8 0.0 39.3

105 26.4 2.3 42.3

51 23.9 8.9 48.9

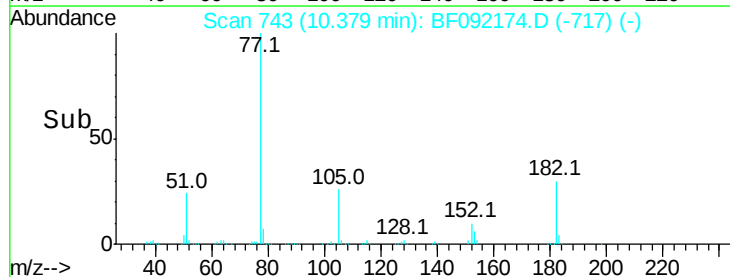
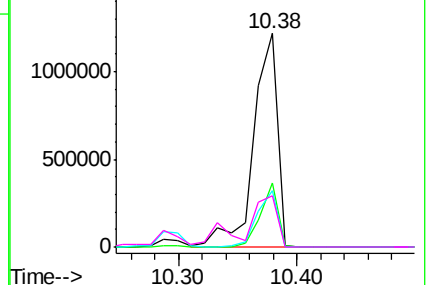


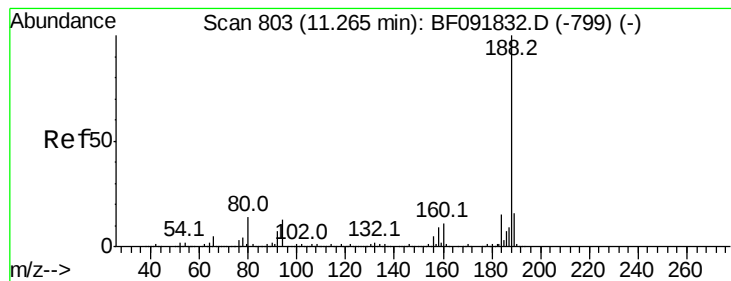
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.14 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

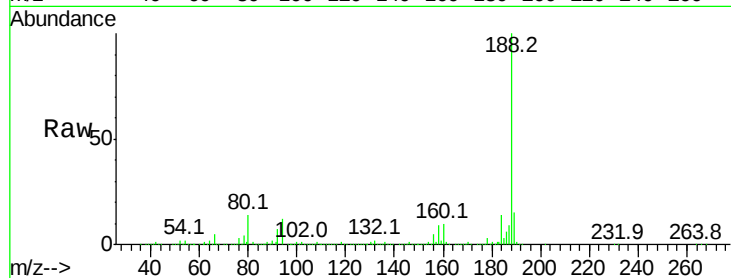
Tot Ion:188 Resp: 952588

Ion Ratio Lower Upper

188 100

94 12.5 10.0 15.0

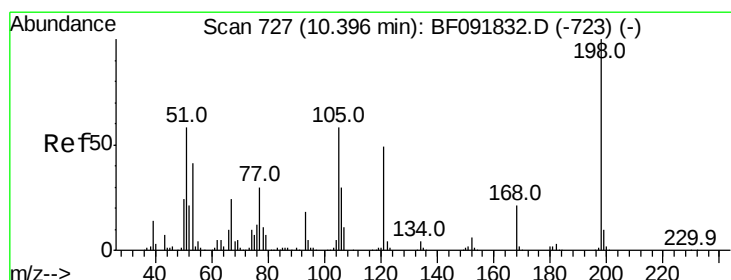
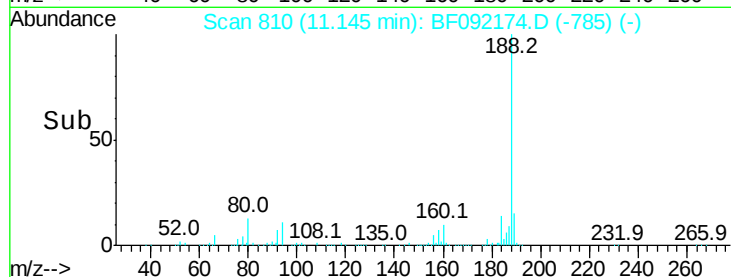
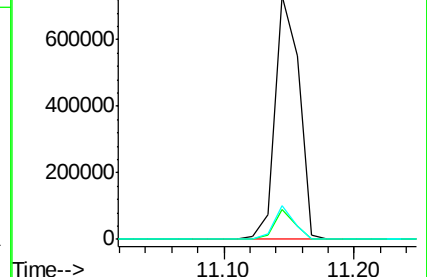
80 13.6 11.2 16.8



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: 50.61 ng

RT: 10.30 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

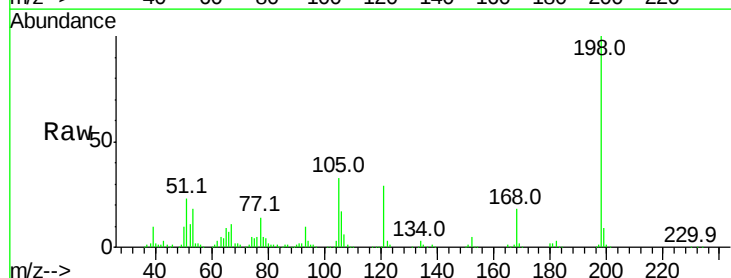
Tgt Ion:198 Resp: 291545

Ion Ratio Lower Upper

198 100

51 23.4 6.7 46.7

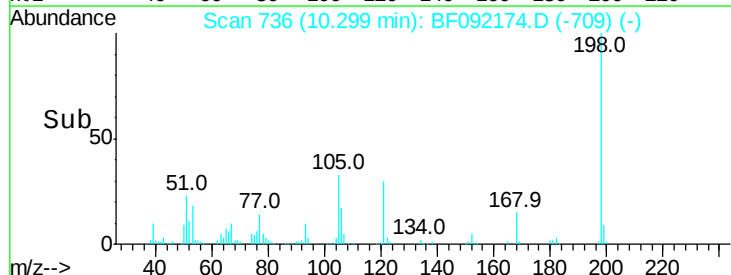
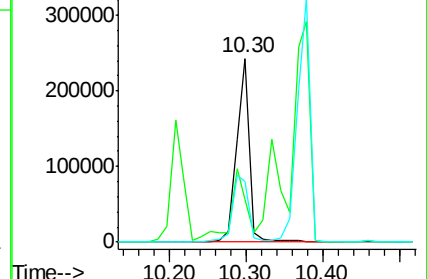
105 32.8 16.6 56.6

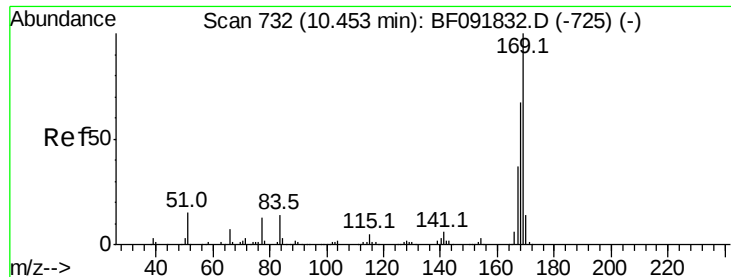


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

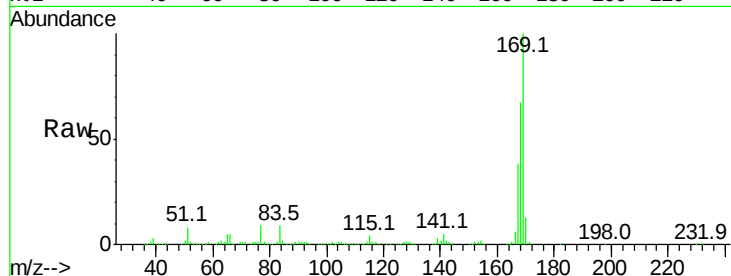




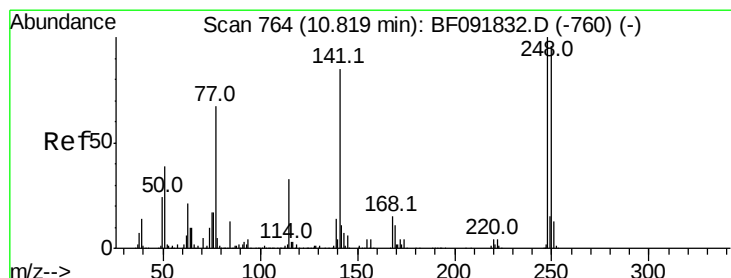
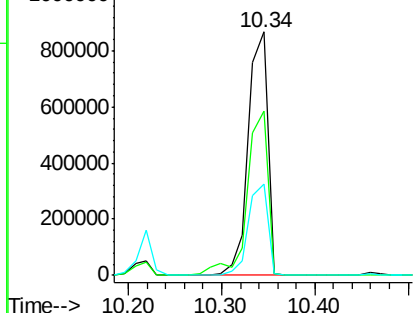
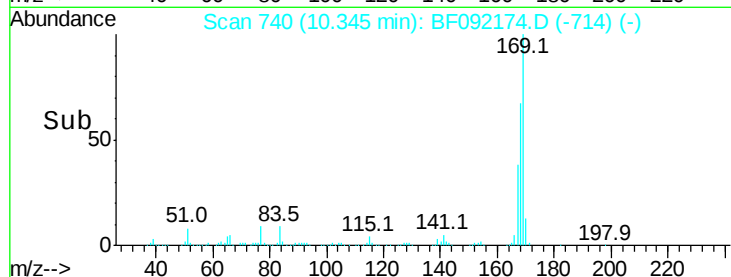
#65
n-Nitrosodiphenylamine
Concen: 44.23 ng
RT: 10.34 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF092174.D
Acq: 10 Jan 2017 11:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:169 Resp: 1250226
Ion Ratio Lower Upper
169 100
168 67.4 54.2 81.2
167 37.7 30.2 45.4

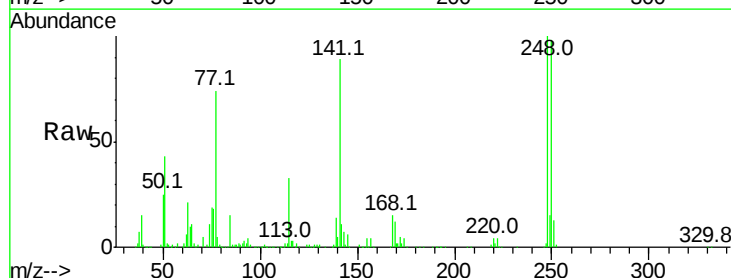


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

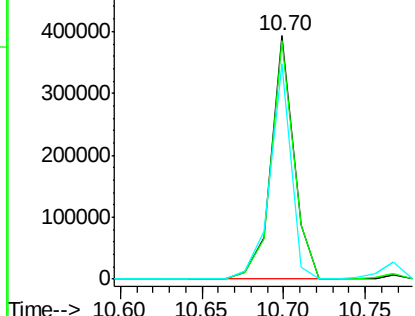
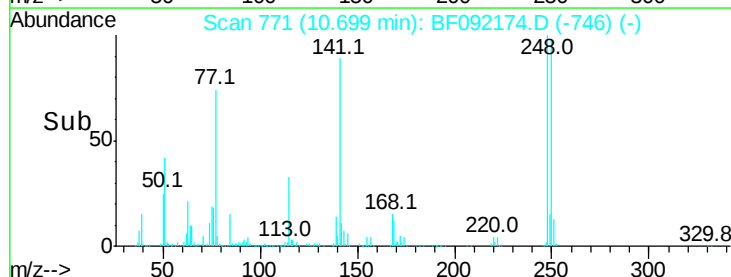


#66
4-Bromophenyl-phenylether
Concen: 38.65 ng
RT: 10.70 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF092174.D
Acq: 10 Jan 2017 11:45

Tgt Ion:248 Resp: 382953
Ion Ratio Lower Upper
248 100
250 97.7 76.9 115.3
141 88.6 68.2 102.4



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

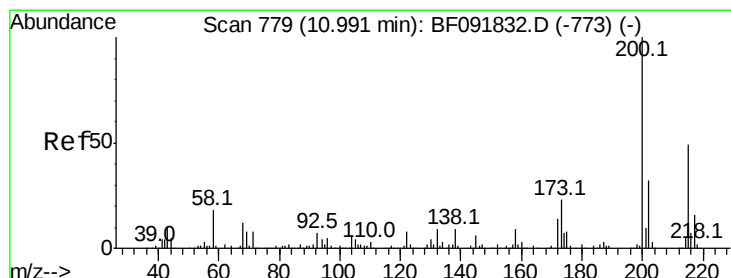
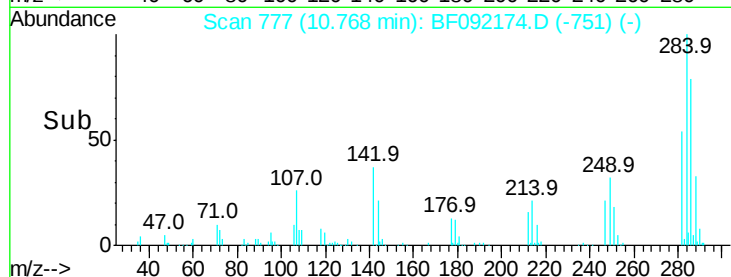
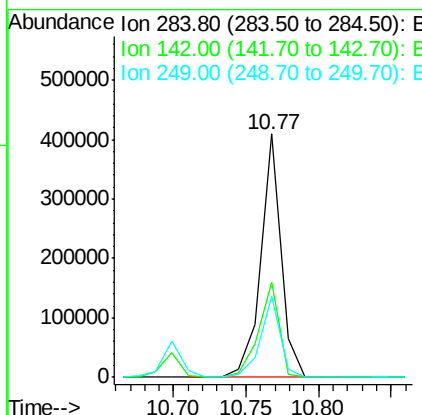
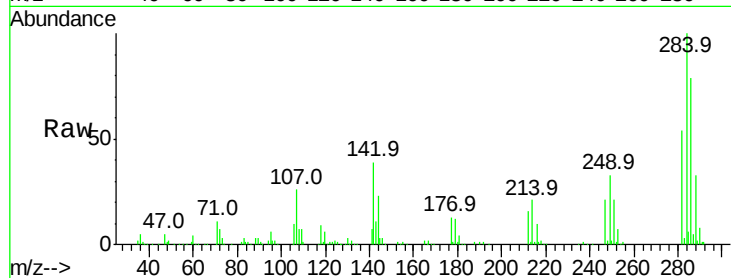




#67
Hexachlorobenzene
Concen: 37.64 ng
RT: 10.77 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF092174.D
Acq: 10 Jan 2017 11:45

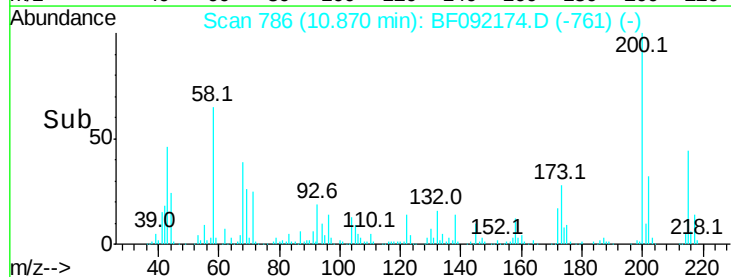
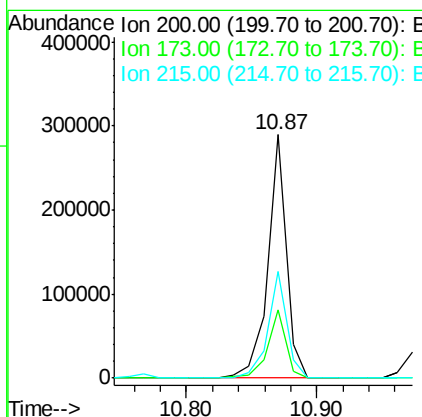
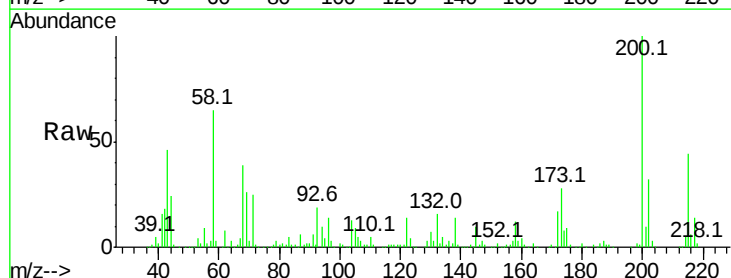
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
284	100		
142	39.1	22.6	33.8#
249	33.1	25.4	38.0



#68
Atrazine
Concen: 31.58 ng
RT: 10.87 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF092174.D
Acq: 10 Jan 2017 11:45

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.2	9.6	49.6
215	43.8	25.7	65.7

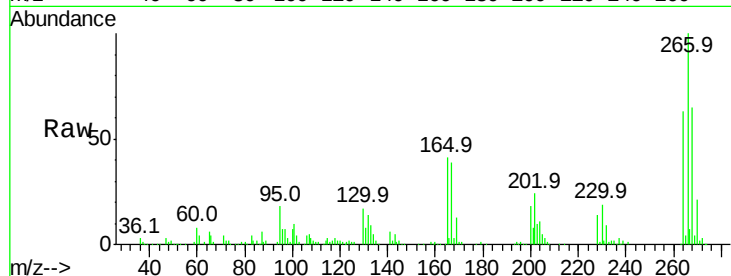




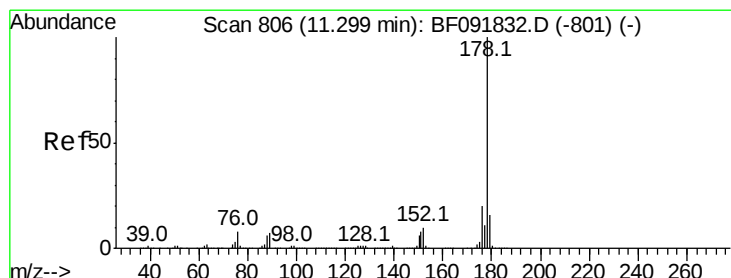
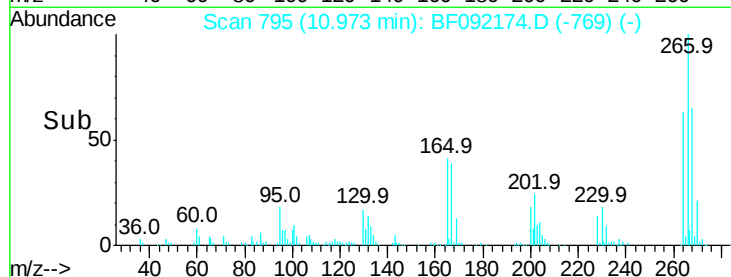
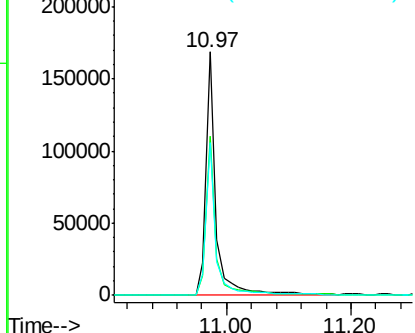
#69
 Pentachlorophenol
 Concen: 37.23 ng
 RT: 10.97 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF092174.D
 Acq: 10 Jan 2017 11:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 193480
 Ion Ratio Lower Upper
 266 100
 268 65.5 53.3 79.9
 264 63.0 50.3 75.5

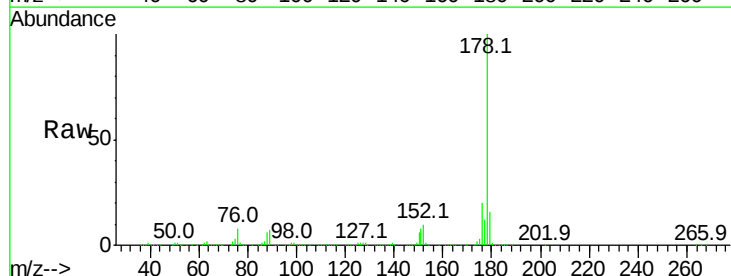


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

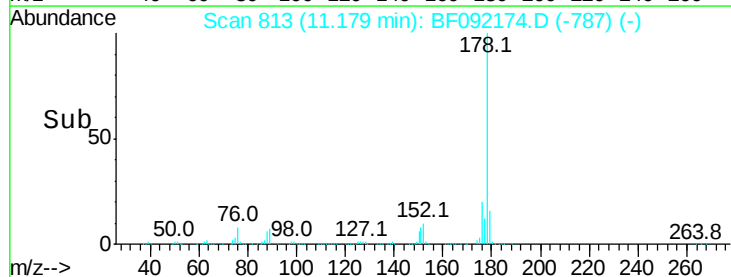
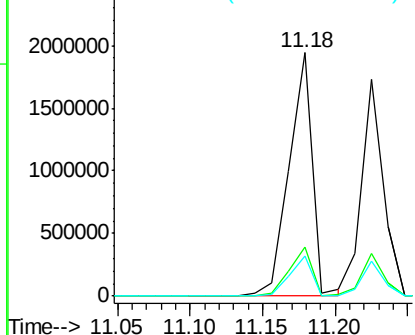


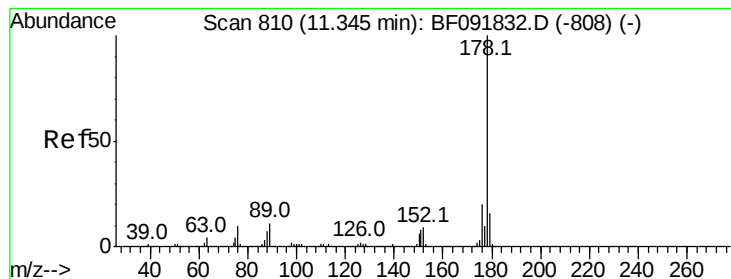
#70
 Phenanthrene
 Concen: 41.64 ng
 RT: 11.18 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF092174.D
 Acq: 10 Jan 2017 11:45

Tgt Ion:178 Resp: 2150979
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.6 25.0
 179 16.2 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: 37.39 ng

RT: 11.22 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

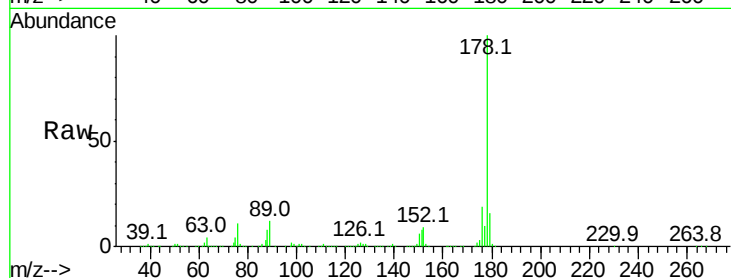
Tot Ion:178 Resp: 1812956

Ion Ratio Lower Upper

178 100

176 19.5 15.9 23.9

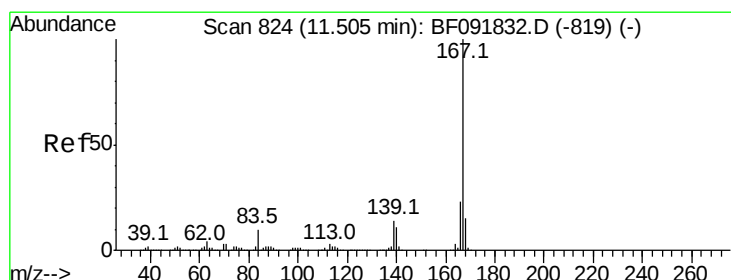
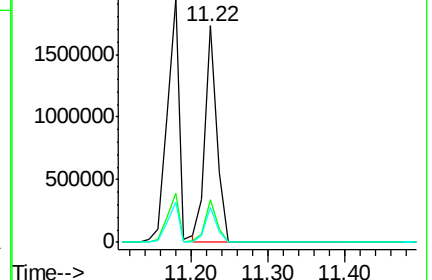
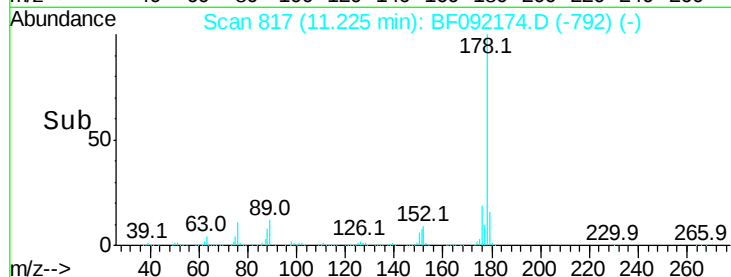
179 16.4 13.2 19.8



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: 40.31 ng

RT: 11.38 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

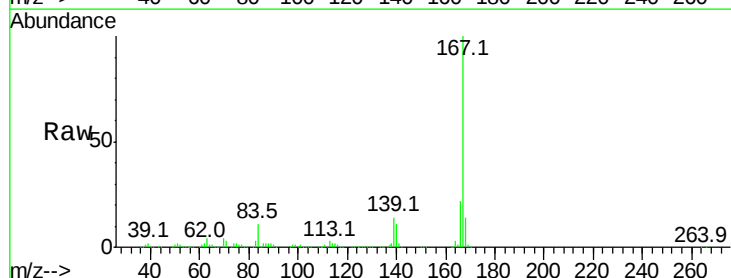
Tgt Ion:167 Resp: 1794367

Ion Ratio Lower Upper

167 100

166 22.2 18.2 27.2

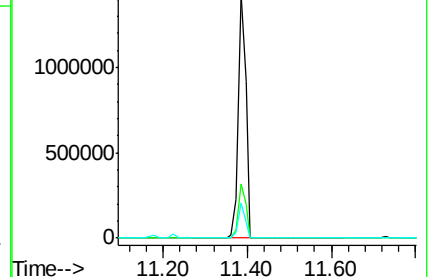
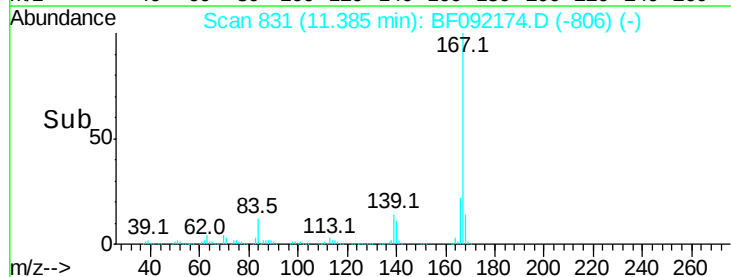
139 14.4 11.4 17.2

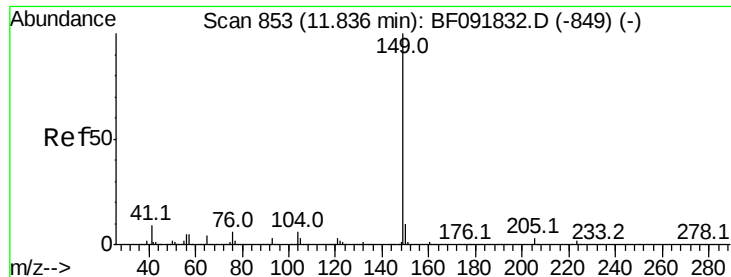


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 49.02 ng

RT: 11.73 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

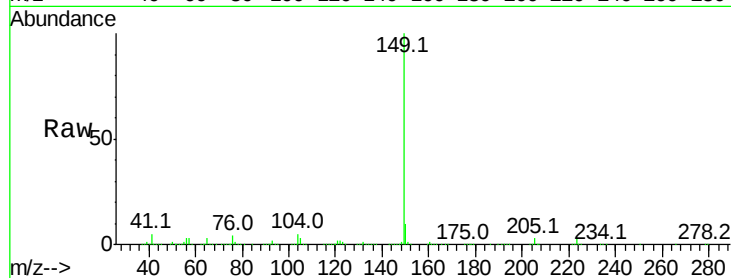
Tot Ion:149 Resp: 2381488

Ion Ratio Lower Upper

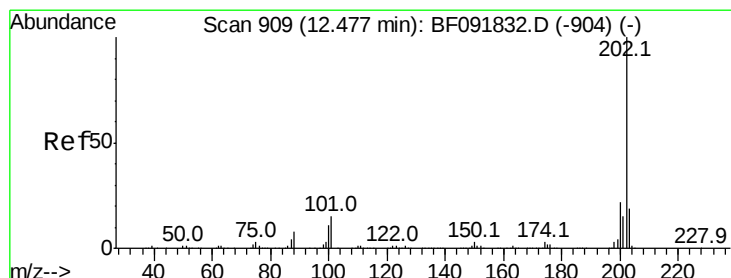
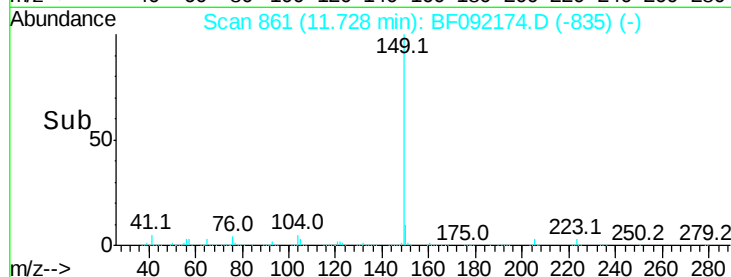
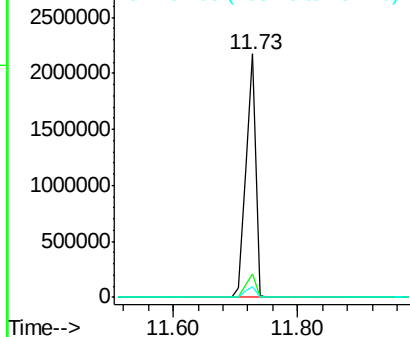
149 100

150 9.6 8.1 12.1

104 4.6 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.92 ng

RT: 12.36 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

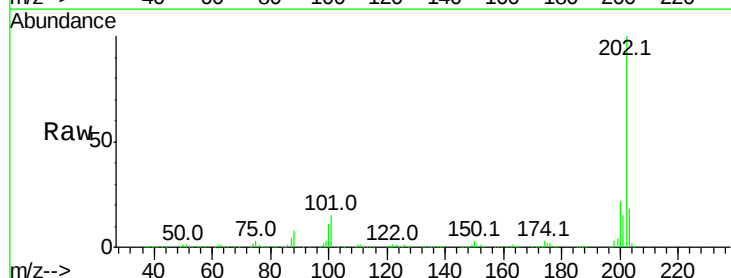
Tgt Ion:202 Resp: 1911727

Ion Ratio Lower Upper

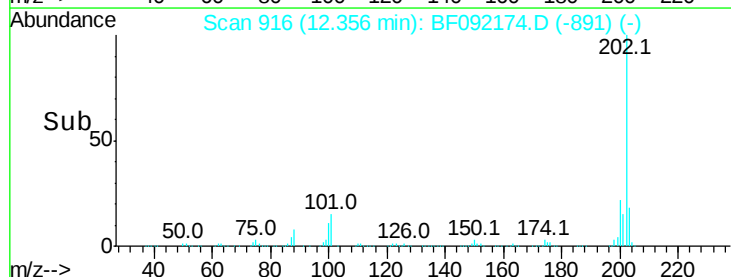
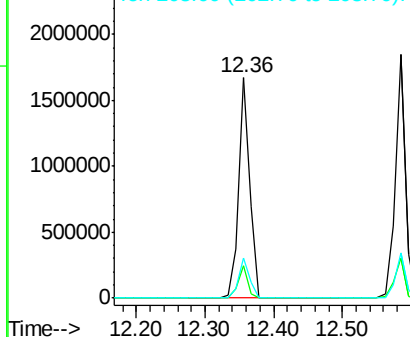
202 100

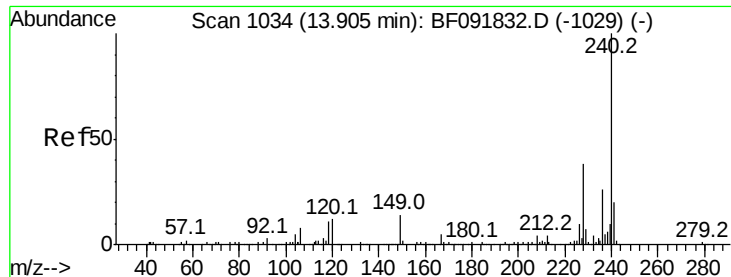
101 14.5 0.0 34.6

203 18.1 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.79 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

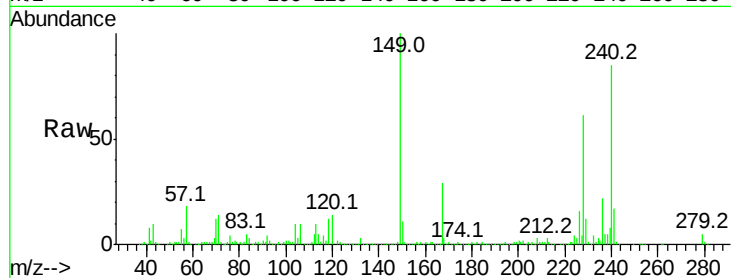
Tot Ion:240 Resp: 684740

Ion Ratio Lower Upper

240 100

120 16.0 12.9 19.3

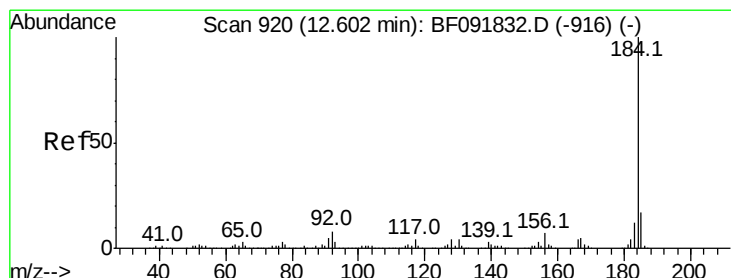
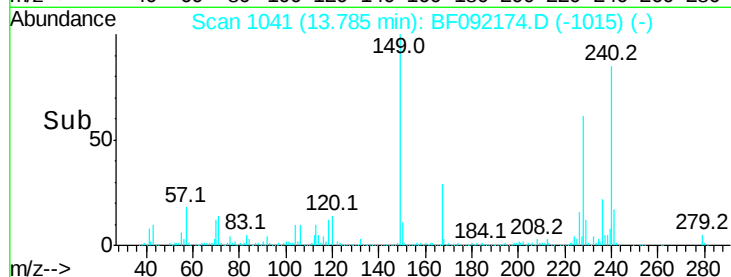
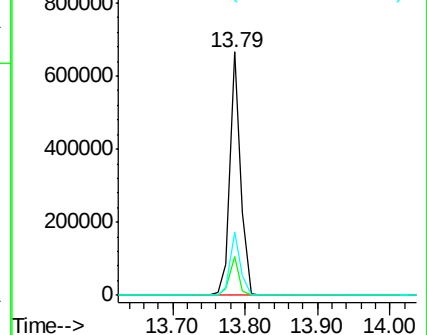
236 25.9 20.9 31.3



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: 46.94 ng

RT: 12.48 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

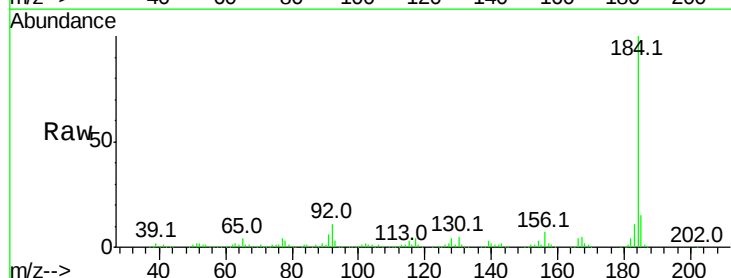
Tgt Ion:184 Resp: 810032

Ion Ratio Lower Upper

184 100

185 15.1 13.4 20.0

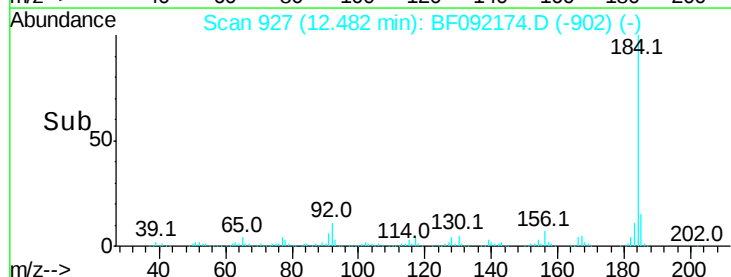
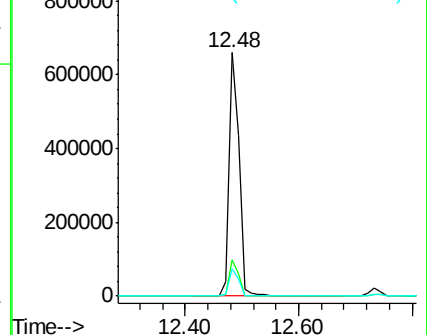
183 11.2 9.2 13.8



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

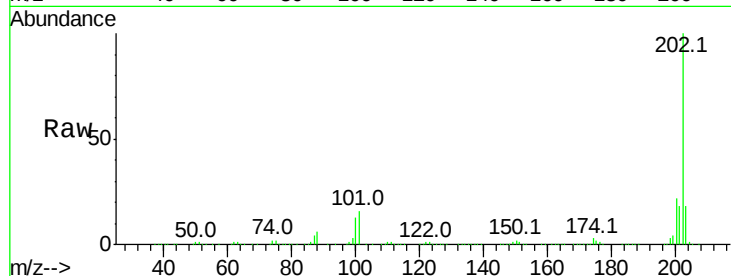




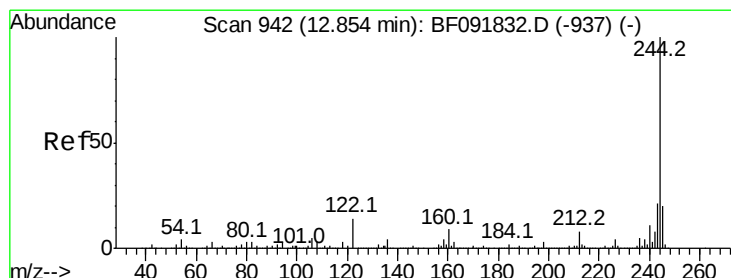
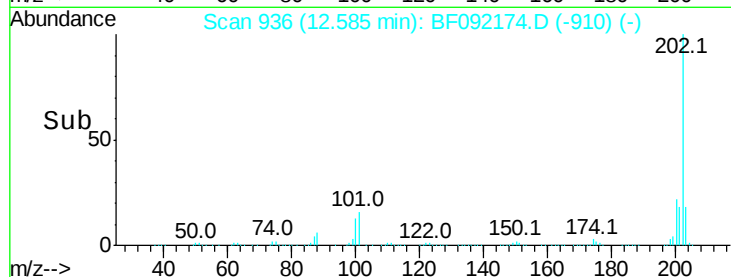
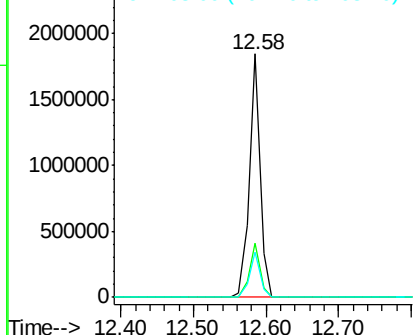
#77
Pvrene
Concen: 38.00 ng
RT: 12.58 min Scan# 936
Delta R.T. -0.00 min
Lab File: BF092174.D
Acq: 10 Jan 2017 11:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 1908884
Ion Ratio Lower Upper
202 100
200 22.3 17.7 26.5
203 18.4 14.7 22.1

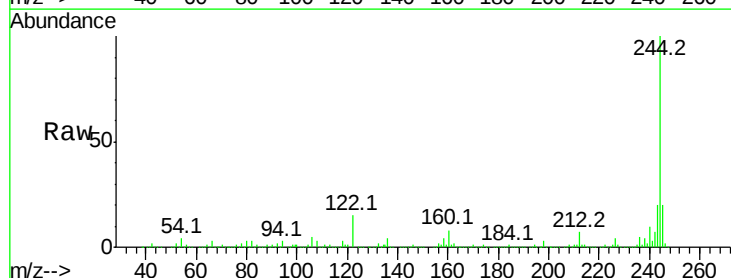


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

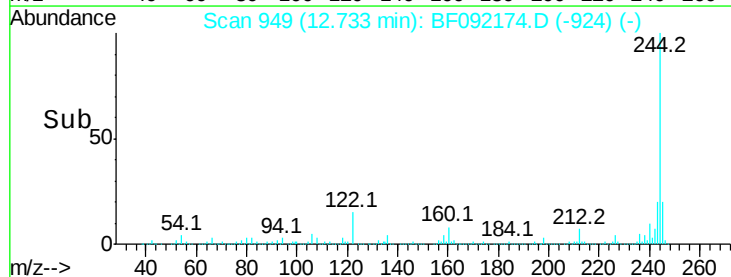
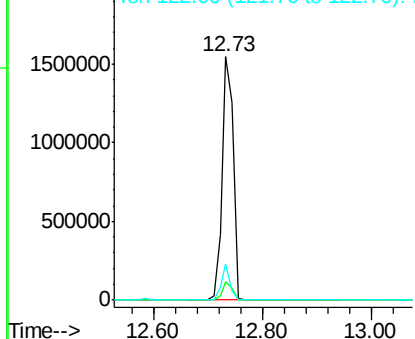


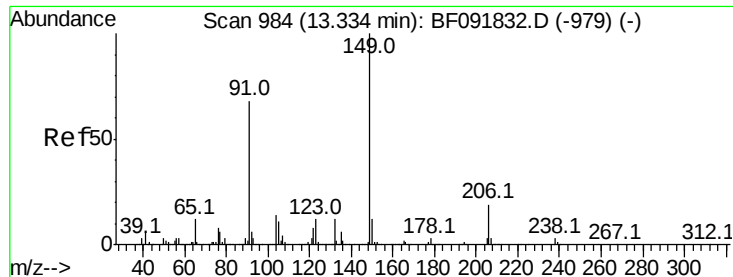
#78
Terphenyl-d14
Concen: 79.56 ng
RT: 12.73 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF092174.D
Acq: 10 Jan 2017 11:45

Tgt Ion:244 Resp: 2246248
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.2
122 15.0 11.4 17.2



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

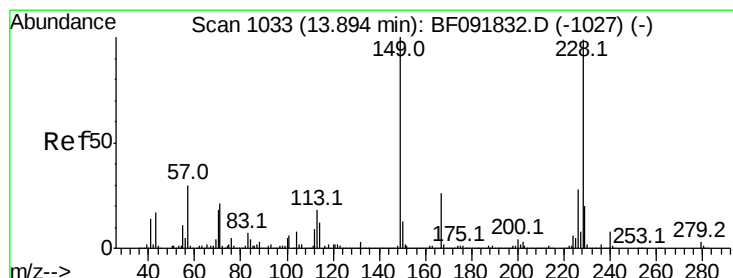
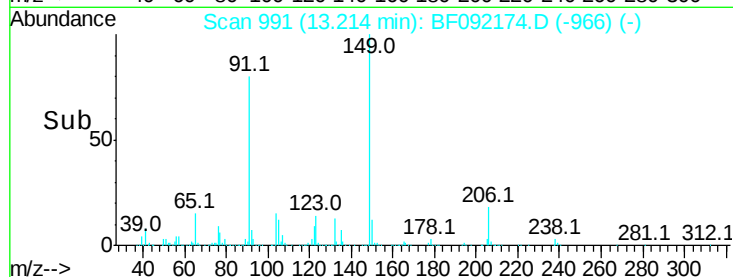
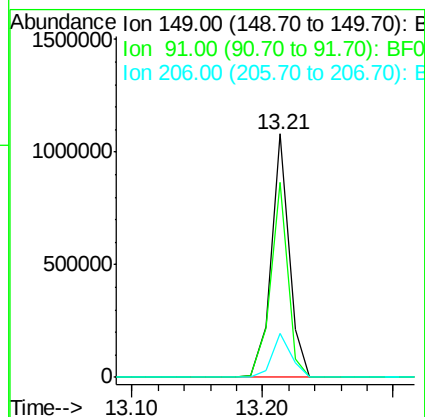
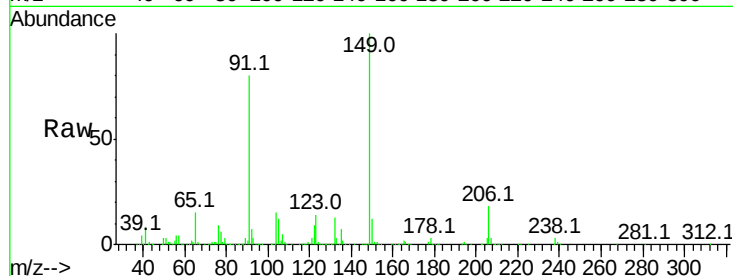




#79
Butylbenzylphthalate
Concen: 45.72 ng
RT: 13.21 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF092174.D
Acq: 10 Jan 2017 11:45

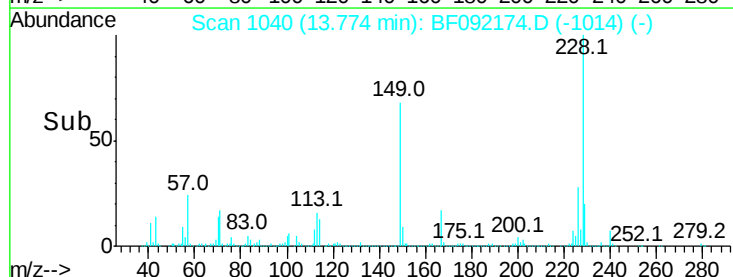
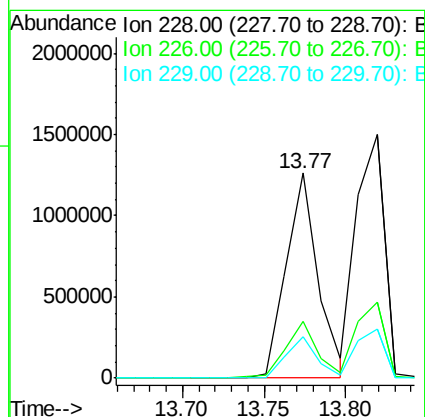
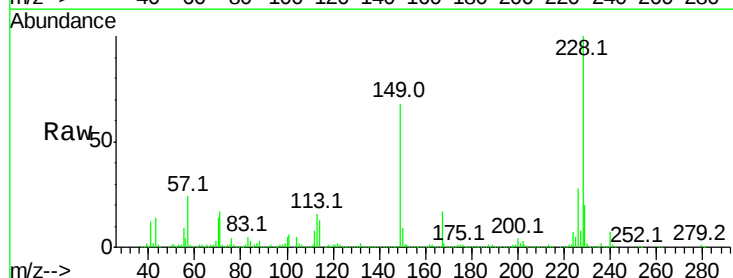
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 1044578
Ion Ratio Lower Upper
149 100
91 80.0 63.9 95.9
206 18.2 14.6 21.8



#80
Benzo(a)anthracene
Concen: 44.71 ng
RT: 13.77 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF092174.D
Acq: 10 Jan 2017 11:45

Tgt Ion:228 Resp: 1728259
Ion Ratio Lower Upper
228 100
226 27.9 22.4 33.6
229 20.4 16.2 24.4

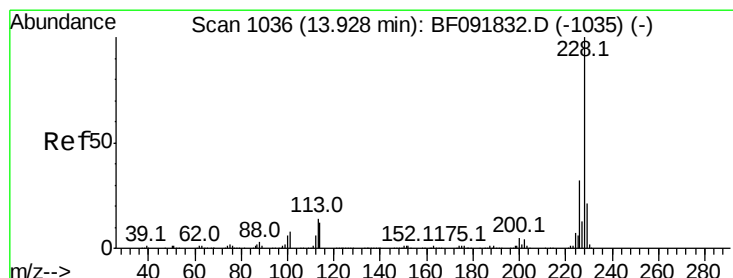
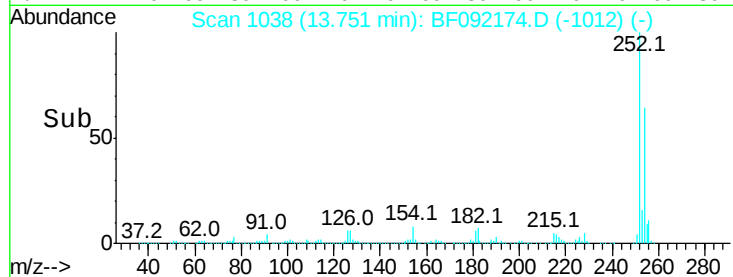
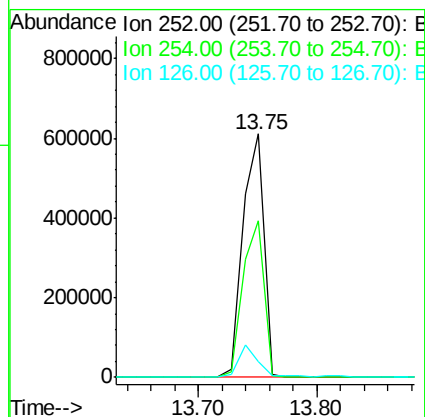
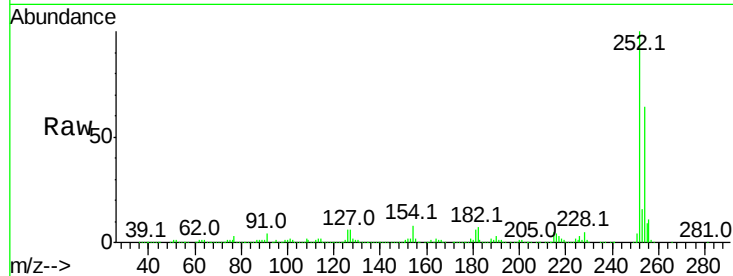




#81
 3,3'-Dichlorobenzidine
 Concen: 51.70 ng
 RT: 13.75 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF092174.D
 Acq: 10 Jan 2017 11:45

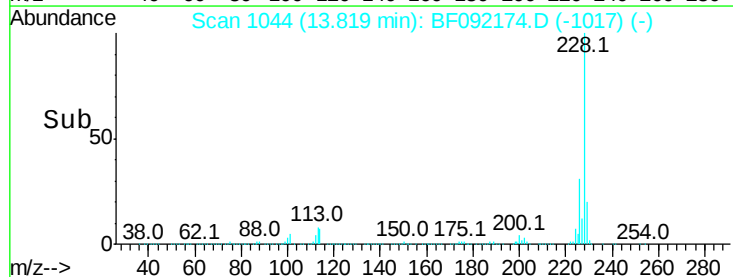
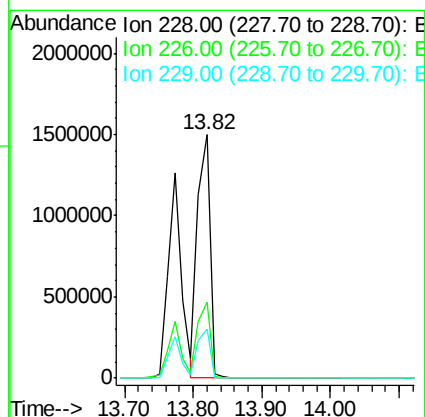
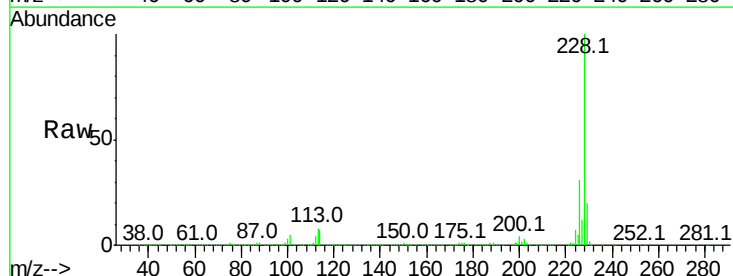
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

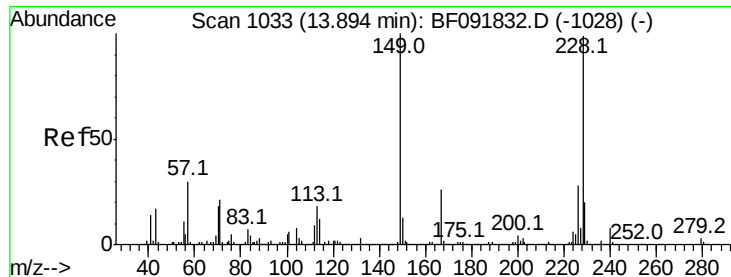
Tot Ion:252 Resp: 757803
 Ion Ratio Lower Upper
 252 100
 254 64.1 52.3 78.5
 126 6.4 13.6 20.4#



#82
 Chrysene
 Concen: 47.32 ng
 RT: 13.82 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: BF092174.D
 Acq: 10 Jan 2017 11:45

Tgt Ion:228 Resp: 1834609
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.4 38.0
 229 19.9 16.2 24.2

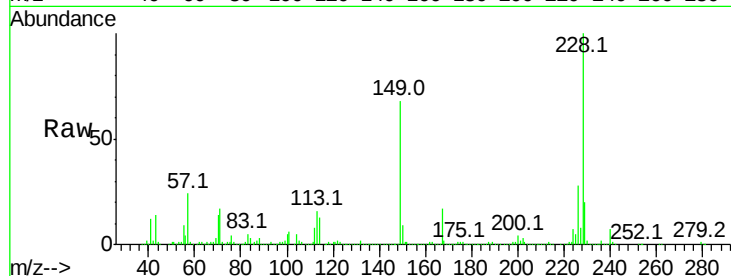




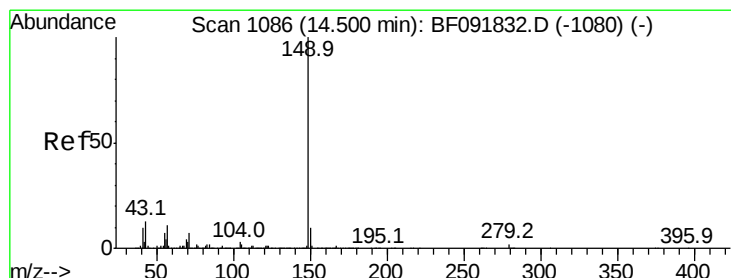
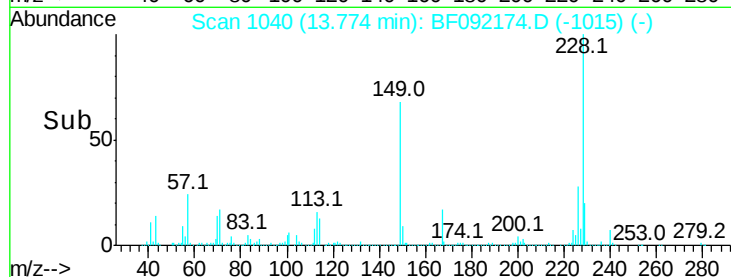
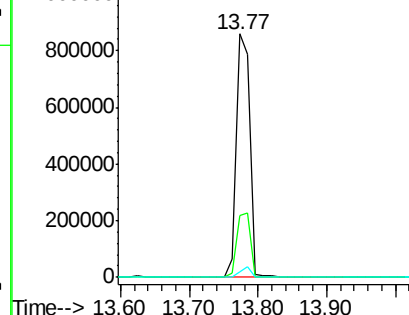
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.28 ng
 RT: 13.77 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BF092174.D
 Acq: 10 Jan 2017 11:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:149 Resp: 1191505
 Ion Ratio Lower Upper
 149 100
 167 25.3 20.2 30.4
 279 2.1 1.8 2.8

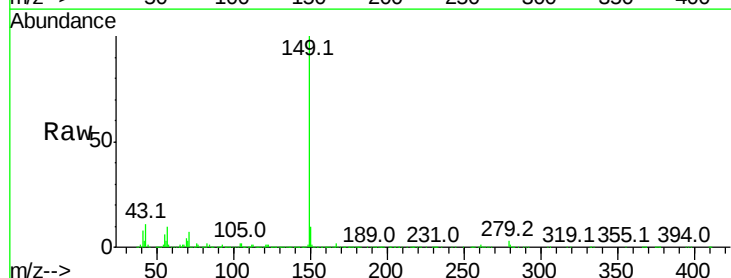


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

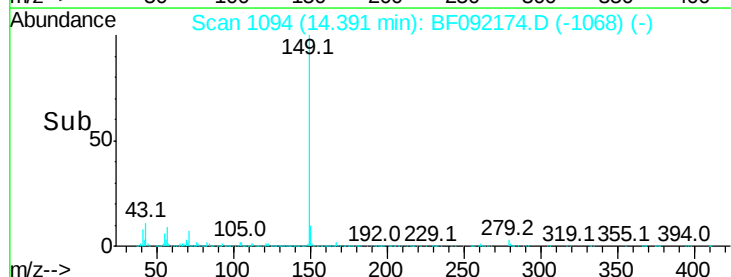
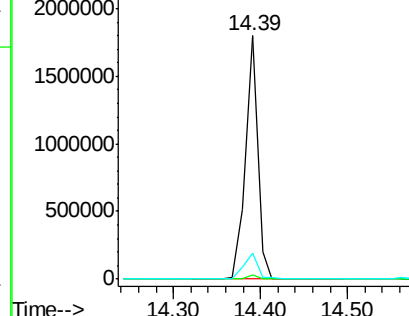


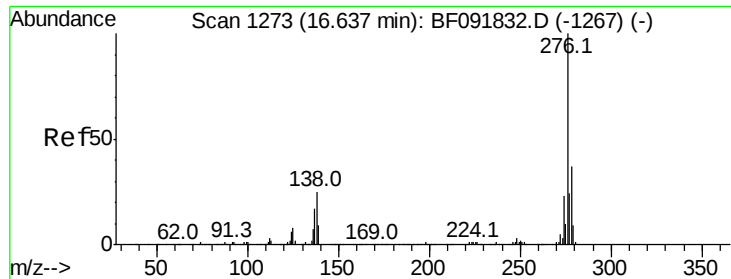
#84
 Di-n-octyl phthalate
 Concen: 34.90 ng
 RT: 14.39 min Scan# 1094
 Delta R.T. 0.00 min
 Lab File: BF092174.D
 Acq: 10 Jan 2017 11:45

Tgt Ion:149 Resp: 1739807
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 12.0 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



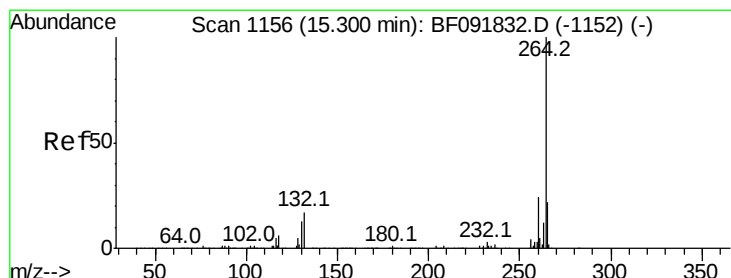
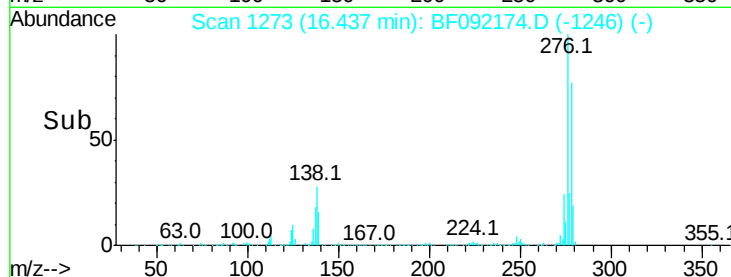
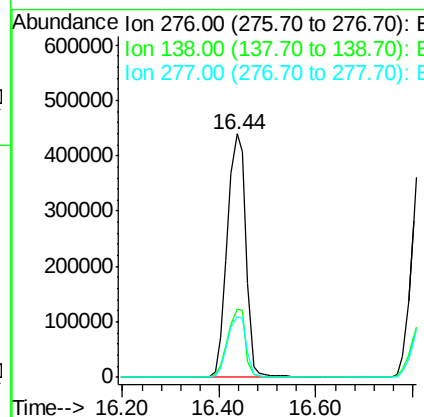
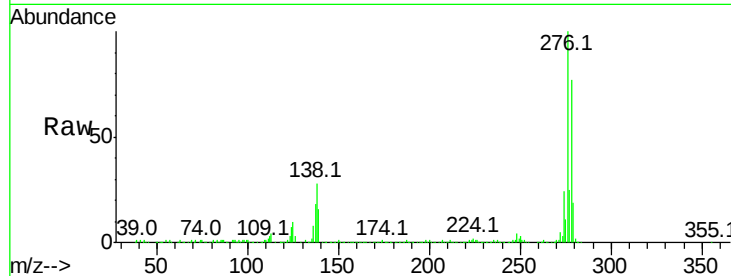


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.40 ng
 RT: 16.44 min Scan# 1273
 Delta R.T. 0.01 min
 Lab File: BF092174.D
 Acq: 10 Jan 2017 11:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:276 Resp: 1189087

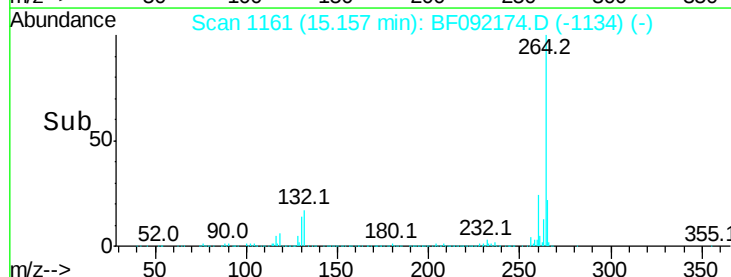
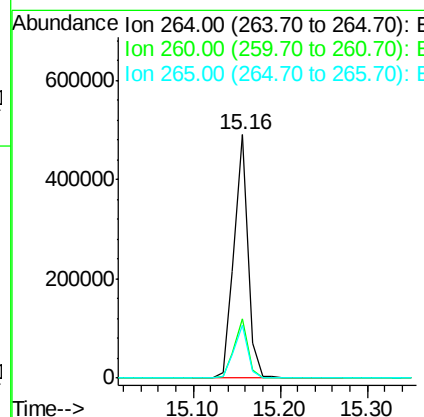
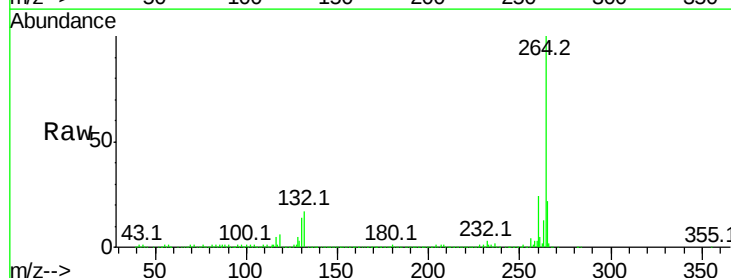
Ion	Ratio	Lower	Upper
276	100		
138	26.5	21.8	32.6
277	25.6	20.2	30.4

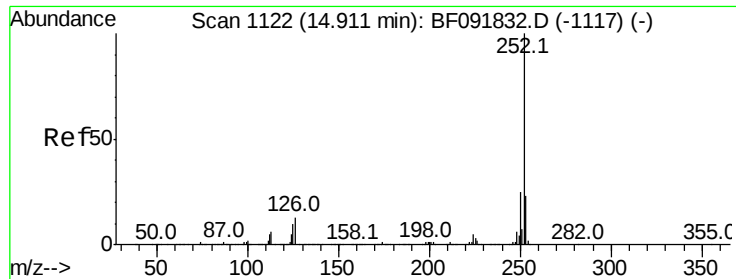


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.16 min Scan# 1161
 Delta R.T. 0.01 min
 Lab File: BF092174.D
 Acq: 10 Jan 2017 11:45

Tgt Ion:264 Resp: 550095

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.8	17.4	26.0

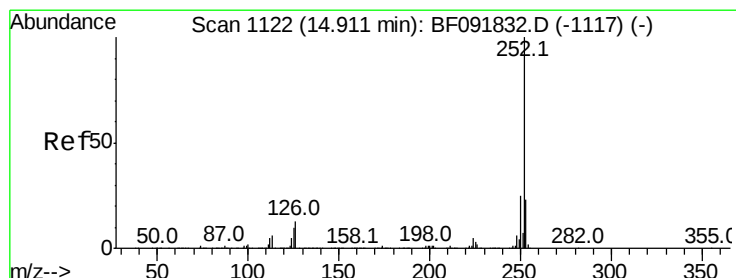
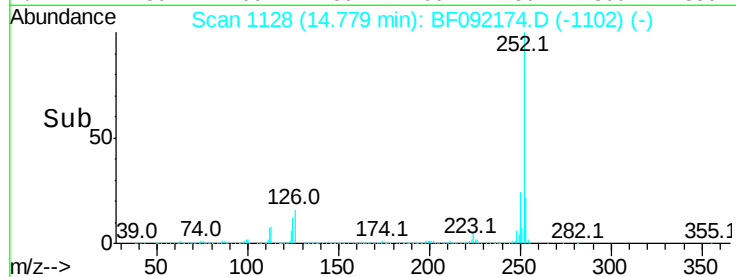
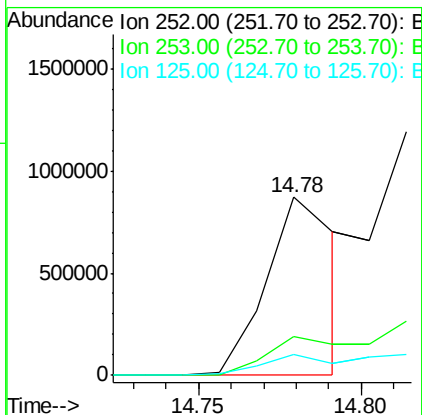
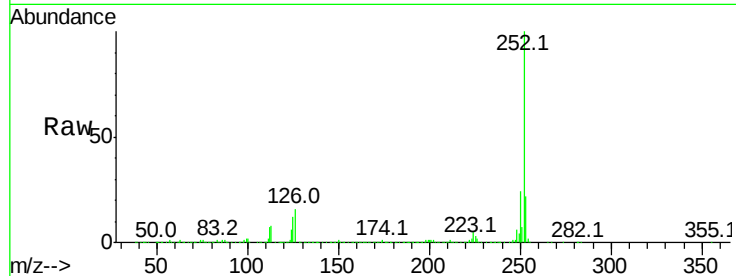




#87
Benzo(b)fluoranthene
Concen: 38.18 ng m
RT: 14.78 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BF092174.D
Acq: 10 Jan 2017 11:45

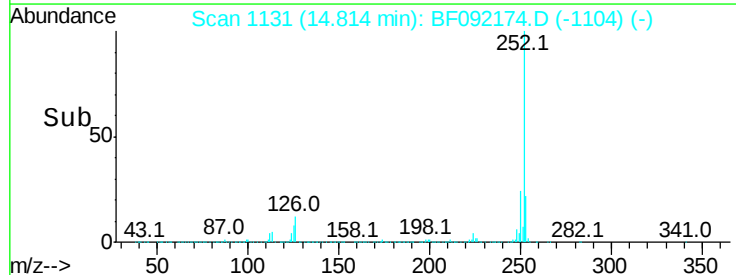
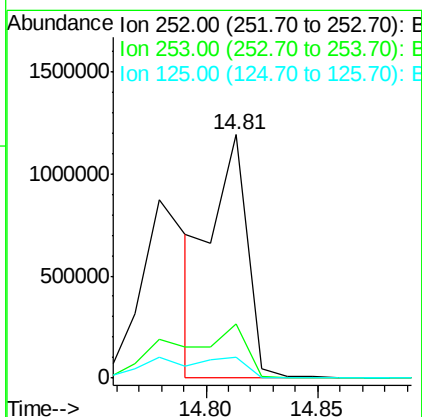
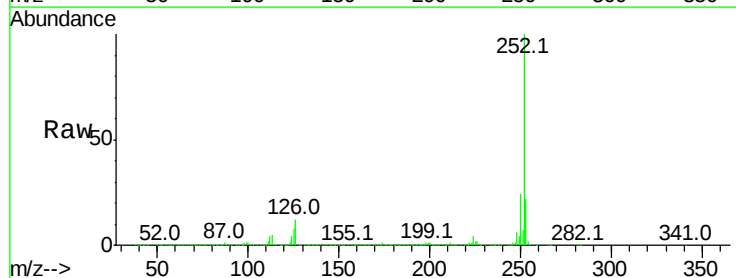
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

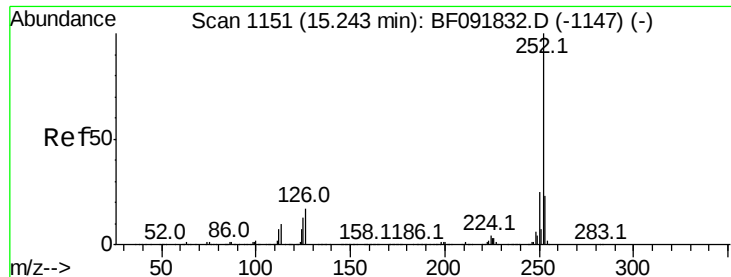
Tot Ion:252 Resp: 1307492
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.4
125 11.8 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 45.08 ng m
RT: 14.81 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BF092174.D
Acq: 10 Jan 2017 11:45

Tgt Ion:252 Resp: 1316463
Ion Ratio Lower Upper
252 100
253 22.2 18.5 27.7
125 8.4 8.9 13.3#

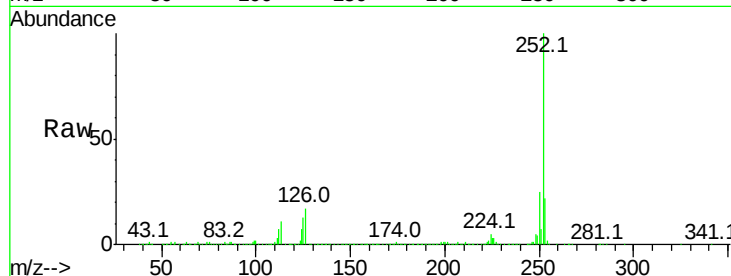




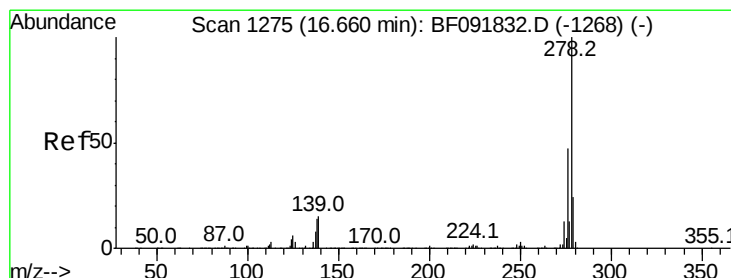
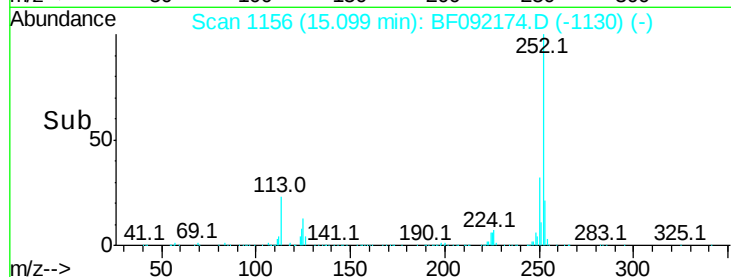
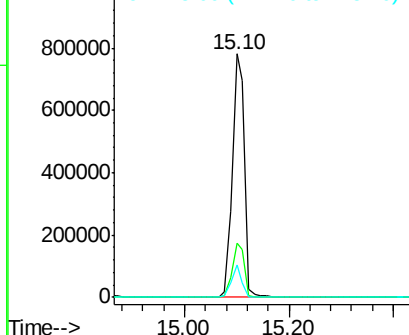
#89
Benzo(a)pyrene
Concen: 41.15 ng
RT: 15.10 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF092174.D
Acq: 10 Jan 2017 11:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 1250870
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 13.3 10.0 15.0

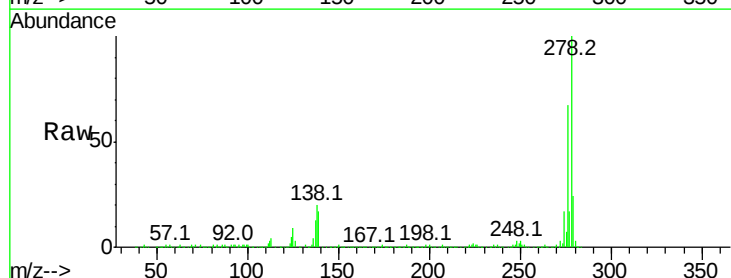


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

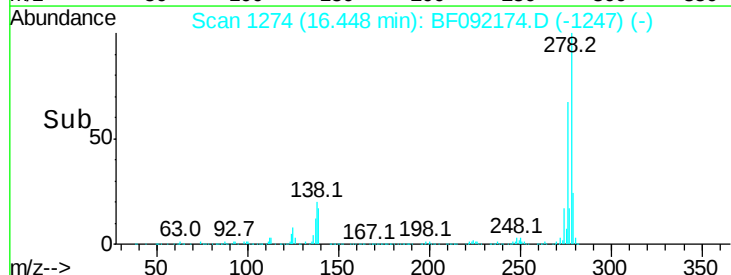
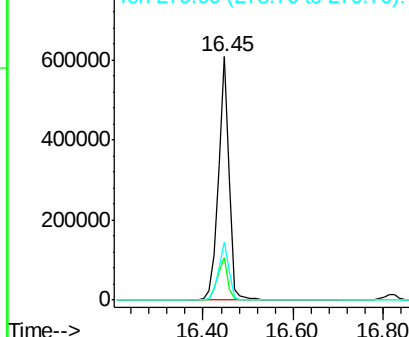


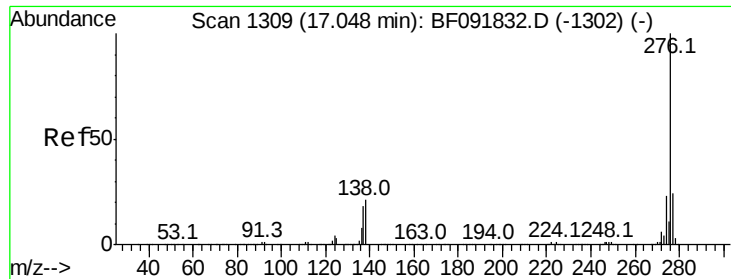
#90
Dibenzo(a,h)anthracene
Concen: 40.00 ng
RT: 16.45 min Scan# 1274
Delta R.T. 0.01 min
Lab File: BF092174.D
Acq: 10 Jan 2017 11:45

Tgt Ion:278 Resp: 999290
Ion Ratio Lower Upper
278 100
139 17.4 14.8 22.2
279 23.9 19.8 29.6



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





#91
 Benzo(a,h,i)perylene
 Concen: 39.25 ng
 RT: 16.83 min Scan# 1307
 Delta R.T. 0.02 min
 Lab File: BF092174.D
 Acq: 10 Jan 2017 11:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 276 Resp: 1019694
 Ion Ratio Lower Upper
 276 100
 277 24.4 19.2 28.8
 138 19.3 16.0 24.0

