

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
 Data File : BF084509.D
 Acq On : 15 Jan 2016 23:45
 Operator : SJ/UM
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 16 03:19:19 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 16 01:26:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	306302	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	1247992	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	583399	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	993179	20.00	ng	0.00
75) Chrysene-d12	13.99	240	587968	20.00	ng	0.00
86) Perylene-d12	15.40	264	608833	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1458032	76.99	ng	0.00
7) Phenol-d6	6.48	99	1931974	81.23	ng	0.01
23) Nitrobenzene-d5	7.39	82	1659927	74.03	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	412302	70.00	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	2759234	83.06	ng	0.00
78) Terphenyl-d14	12.93	244	2074862	78.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	372616	41.54	ng	# 80
3) Pyridine	3.10	79	1090241	43.59	ng	# 76
4) n-Nitrosodimethylamine	3.06	42	462027	35.99	ng	87
6) Aniline	6.49	93	1199017	34.46	ng	# 71
8) 2-Chlorophenol	6.61	128	904911	42.12	ng	98
9) Benzaldehyde	6.37	77	571028	36.87	ng	89
10) Phenol	6.49	94	1125269	41.61	ng	77
11) bis(2-Chloroethyl)ether	6.57	93	907798	43.34	ng	92
12) 1,3-Dichlorobenzene	6.76	146	892257	40.26	ng	# 95
13) 1,4-Dichlorobenzene	6.84	146	912709	41.07	ng	95
14) 1,2-Dichlorobenzene	6.99	146	794997	37.35	ng	94
15) Benzyl Alcohol	6.97	79	711488	35.56	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1347629	35.33	ng	88
17) 2-Methylphenol	7.09	107	707457	39.29	ng	95
18) Hexachloroethane	7.33	117	340389	38.30	ng	91
19) n-Nitroso-di-n-propylamine	7.24	70	586403	36.42	ng	# 73
20) 3+4-Methylphenols	7.25	107	821157	38.80	ng	87
22) Acetophenone	7.24	105	1157418	38.57	ng	# 95
24) Nitrobenzene	7.41	77	927906	40.80	ng	99
25) Isophorone	7.65	82	1599452	37.30	ng	98
26) 2-Nitrophenol	7.73	139	476518	46.04	ng	# 90
27) 2,4-Dimethylphenol	7.78	122	837022	39.95	ng	90
28) bis(2-Chloroethoxy)methane	7.87	93	1092015	41.69	ng	96
29) 2,4-Dichlorophenol	7.97	162	665022	38.10	ng	97
30) 1,2,4-Trichlorobenzene	8.05	180	715371	39.70	ng	97
31) Naphthalene	8.13	128	2182018	38.54	ng	98
32) Benzoic acid	7.90	122	365579	29.84	ng	99
33) 4-Chloroaniline	8.19	127	1075669	41.44	ng	# 90
34) Hexachlorobutadiene	8.25	225	391583	37.81	ng	98
35) Caprolactam	8.57	113	231695	39.38	ng	# 52
36) 4-Chloro-3-methylphenol	8.68	107	796807	40.76	ng	94
37) 2-Methylnaphthalene	8.83	142	1568708	38.59	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	637422	38.01	ng	99
40) Hexachlorocyclopentadiene	8.98	237	229039	22.62	ng	99

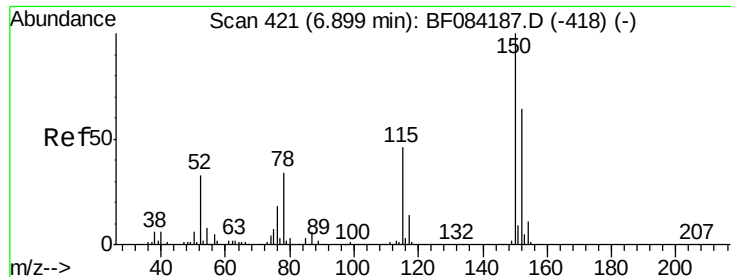
Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	441064	35.15	nq	96
43) 2,4,5-Trichlorophenol	9.15	196	460153	38.25	nq #	88
45) 1,1'-Biphenyl	9.29	154	1759599	37.95	nq	98
46) 2-Chloronaphthalene	9.31	162	1356705	37.25	nq	98
47) 2-Nitroaniline	9.41	65	463529	38.56	nq	97
48) Acenaphthylene	9.73	152	2156219	40.07	nq	96
49) Dimethylphthalate	9.60	163	1490811	35.74	nq #	89
50) 2,6-Dinitrotoluene	9.66	165	361317	39.50	nq #	81
51) Acenaphthene	9.90	154	1433904	39.73	nq	97
52) 3-Nitroaniline	9.82	138	396778	35.01	nq	95
53) 2,4-Dinitrophenol	9.93	184	126766	34.64	nq #	78
54) Dibenzofuran	10.08	168	1866829	39.58	nq	96
55) 4-Nitrophenol	10.00	139	264477	32.14	nq #	77
56) 2,4-Dinitrotoluene	10.06	165	503264	43.47	nq #	83
57) Fluorene	10.42	166	1473128	40.52	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	360079	35.06	nq	87
59) Diethylphthalate	10.29	149	1477829	35.94	nq	99
60) 4-Chlorophenyl-phenylether	10.41	204	598691	38.03	nq	94
61) 4-Nitroaniline	10.44	138	392582	38.85	nq	89
62) Azobenzene	10.57	77	1598463	35.44	nq	90
64) 4,6-Dinitro-2-methylphenol	10.46	198	178717	29.99	nq #	69
65) n-Nitrosodiphenylamine	10.53	169	1320293	41.58	nq	99
66) 4-Bromophenyl-phenylether	10.90	248	420974	39.38	nq #	85
67) Hexachlorobenzene	10.97	284	452368	37.60	nq #	85
68) Atrazine	11.06	200	358025	34.45	nq	99
69) Pentachlorophenol	11.16	266	210170	33.69	nq	100
70) Phenanthrene	11.38	178	2120172	40.81	nq	97
71) Anthracene	11.43	178	1906939	37.45	nq	98
72) Carbazole	11.59	167	1703725	34.22	nq	98
73) Di-n-butylphthalate	11.92	149	2124770	38.69	nq #	96
74) Fluoranthene	12.56	202	1827770	33.68	nq	96
76) Benzidine	12.68	184	794863	37.70	nq	98
77) Pyrene	12.79	202	1826881	39.59	nq	99
79) Butylbenzylphthalate	13.41	149	820123	41.08	nq	93
80) Benzo(a)anthracene	13.97	228	1327488	38.45	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	518344	43.02	nq #	94
82) Chrysene	14.02	228	1348648	40.65	nq	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	981494	38.91	nq	98
84) Di-n-octyl phthalate	14.59	149	1725214	40.51	nq #	89
85) Indeno(1,2,3-cd)pyrene	16.79	276	1419879	53.99	nq	98
87) Benzo(b)fluoranthene	15.00	252	1359239	34.13	nq #	96
88) Benzo(k)fluoranthene	15.04	252	1330930m	40.86	nq	
89) Benzo(a)pyrene	15.35	252	1340570	39.68	nq #	94
90) Dibenzo(a,h)anthracene	16.81	278	1195708	41.13	nq	96
91) Benzo(g,h,i)perylene	17.21	276	1157927	38.47	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF084509.D

Acq: 15 Jan 2016 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

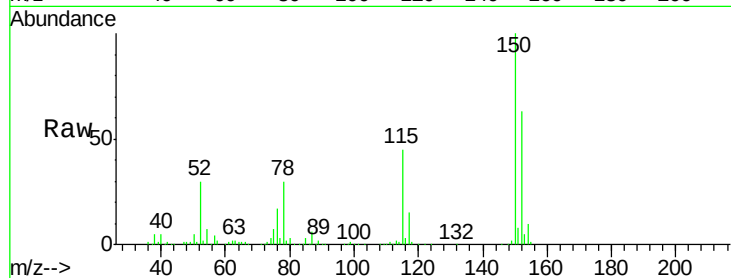
Tot Ion:152 Resp: 306302

Ion Ratio Lower Upper

152 100

150 157.9 123.0 184.4

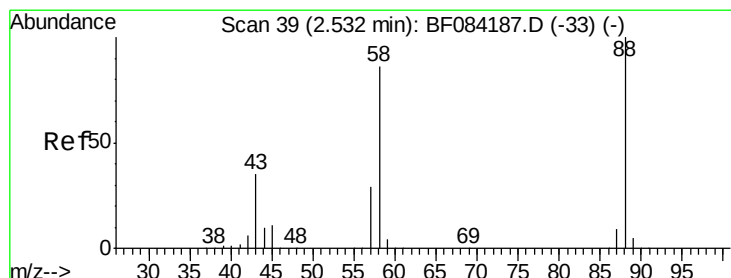
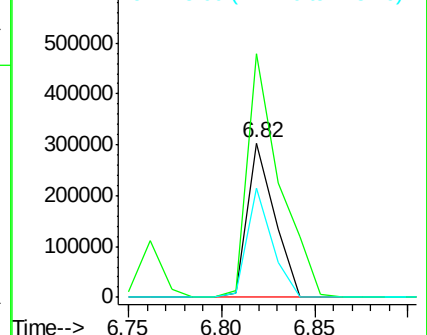
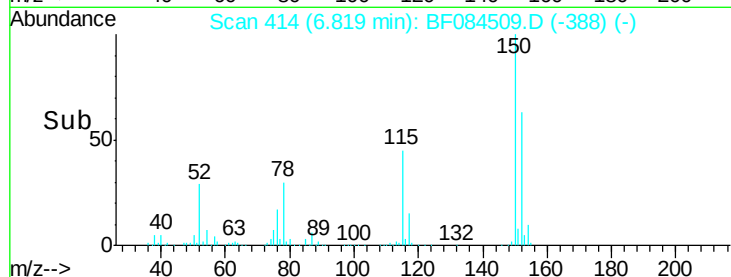
115 70.9 51.4 77.2



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: 41.54 ng

RT: 2.40 min Scan# 27

Delta R.T. 0.01 min

Lab File: BF084509.D

Acq: 15 Jan 2016 23:45

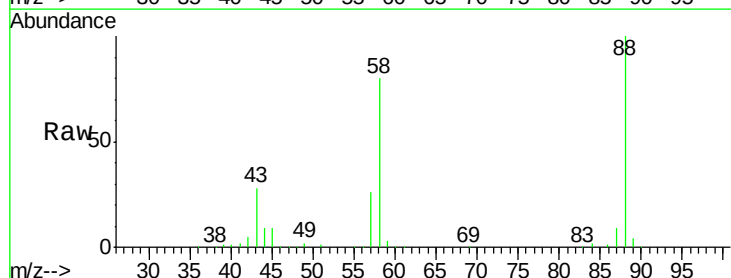
Tgt Ion: 88 Resp: 372616

Ion Ratio Lower Upper

88 100

58 81.7 51.2 76.8#

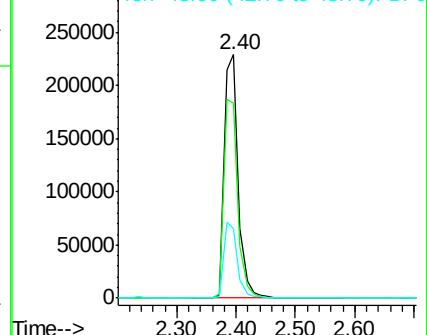
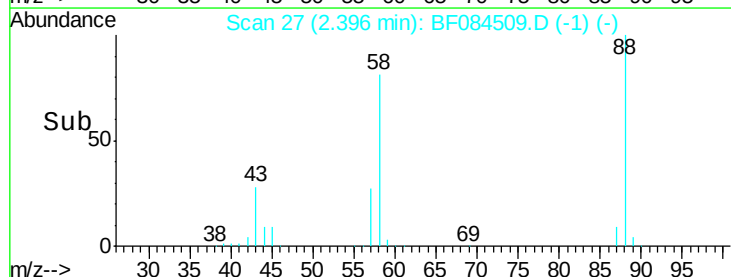
43 31.4 19.5 29.3#

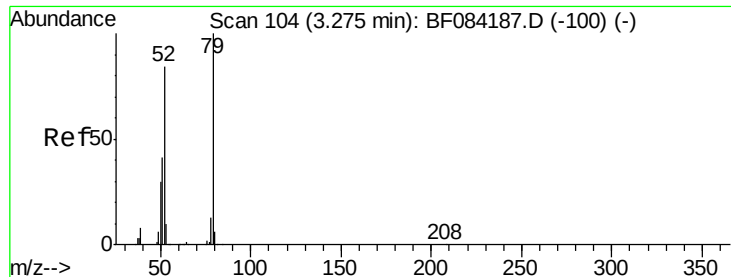


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 43.59 ng

RT: 3.10 min Scan# 89

Delta R.T. 0.00 min

Lab File: BF084509.D

Acq: 15 Jan 2016 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

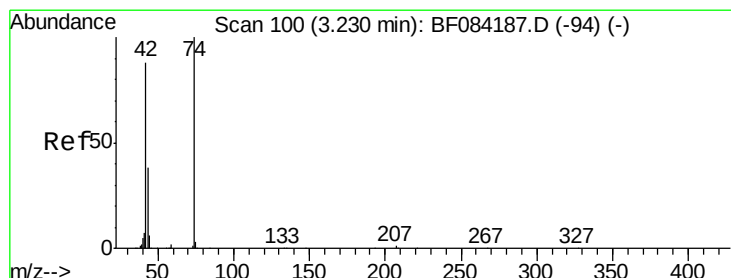
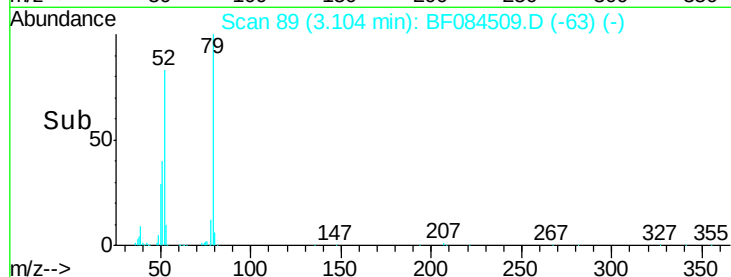
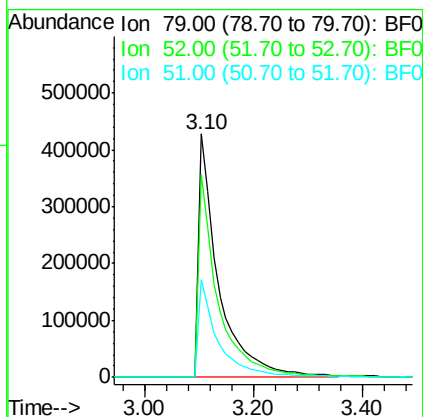
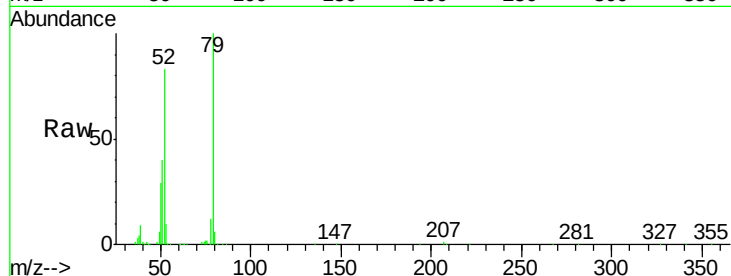
Tot Ion: 79 Resp: 1090241

Ion Ratio Lower Upper

79 100

52 83.4 49.0 73.4#

51 40.1 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 35.99 ng

RT: 3.06 min Scan# 85

Delta R.T. 0.00 min

Lab File: BF084509.D

Acq: 15 Jan 2016 23:45

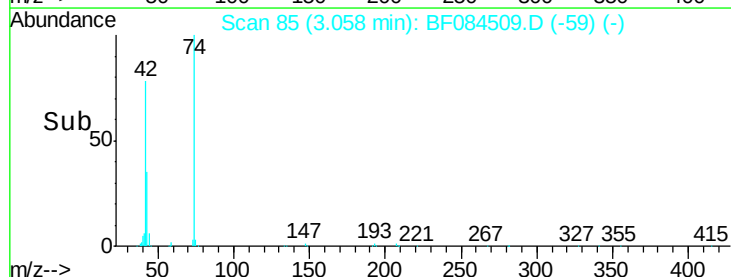
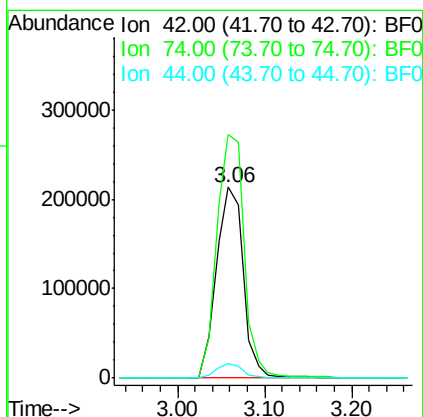
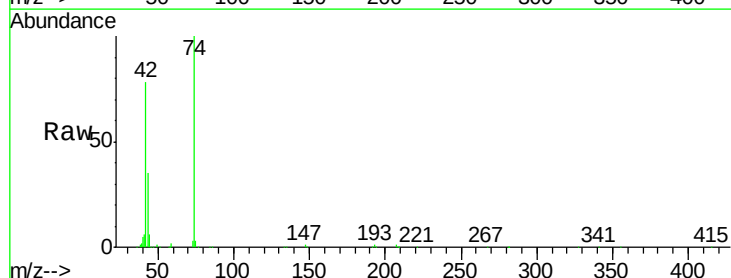
Tgt Ion: 42 Resp: 462027

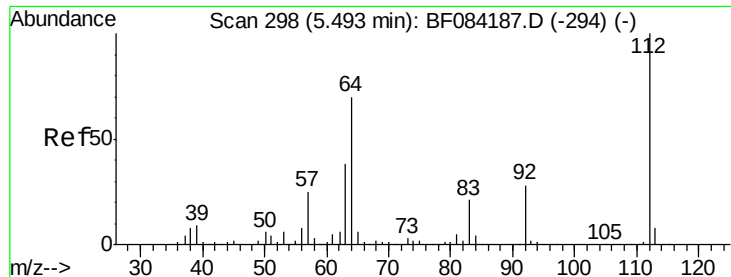
Ion Ratio Lower Upper

42 100

74 127.6 115.7 173.5

44 7.5 5.1 7.7





#5

2-Fluorophenol

Concen: 76.99 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.00 min

Lab File: BF084509.D

Acq: 15 Jan 2016 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

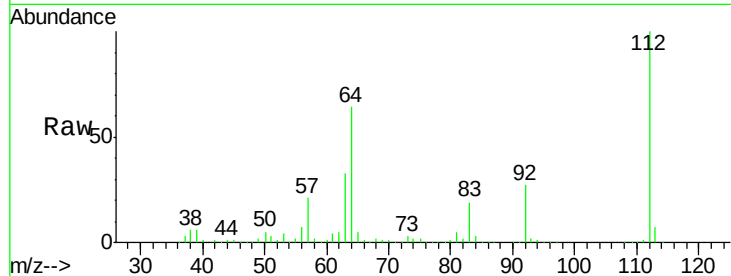
Tot Ion:112 Resp: 1458032

Ion Ratio Lower Upper

112 100

64 63.7 36.6 55.0#

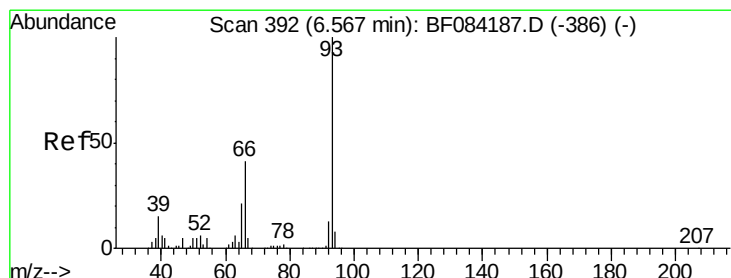
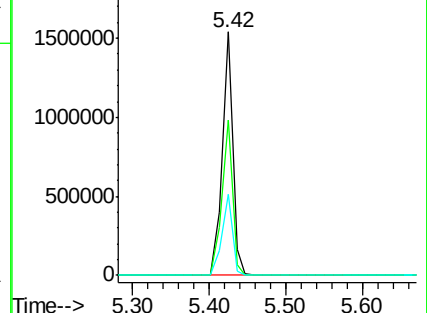
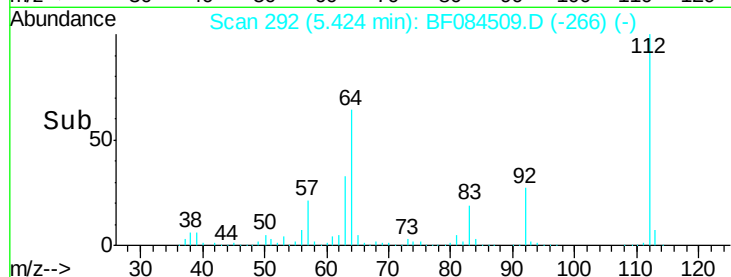
63 33.2 19.4 29.0#



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: 34.46 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF084509.D

Acq: 15 Jan 2016 23:45

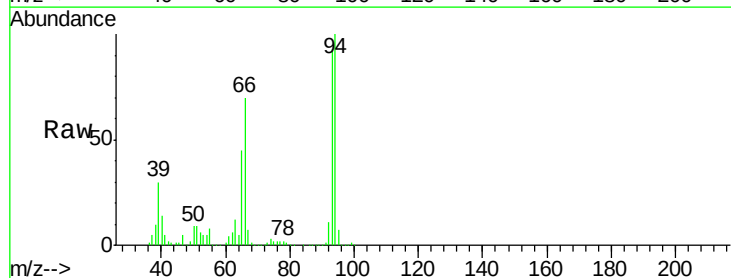
Tgt Ion: 93 Resp: 1199017

Ion Ratio Lower Upper

93 100

66 75.0 44.9 67.3#

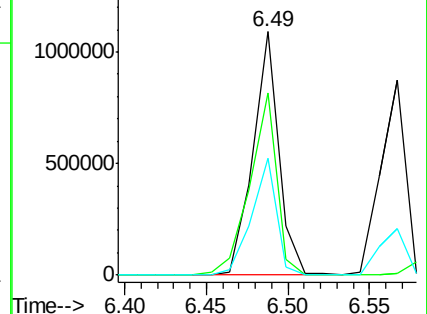
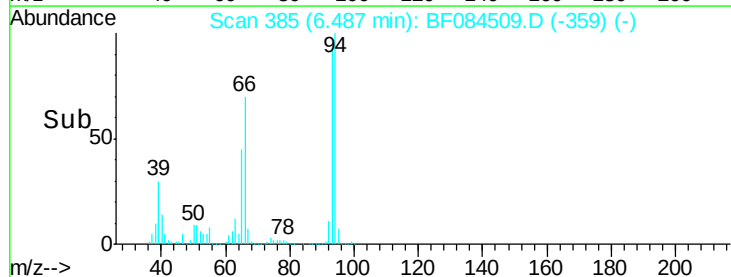
65 47.9 23.7 35.5#

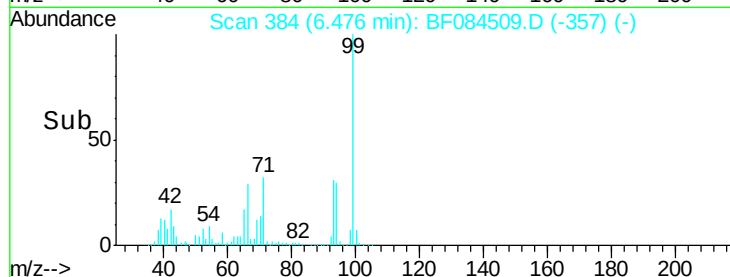
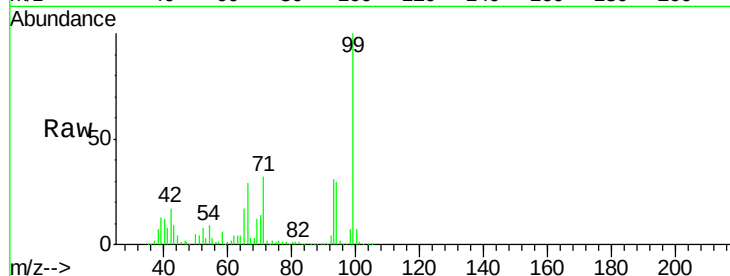
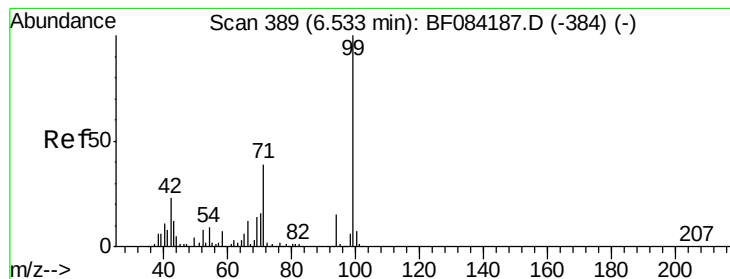


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 81.23 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.01 min

Lab File: BF084509.D

Acq: 15 Jan 2016 23:45

Instrument :

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ClientSampleId :

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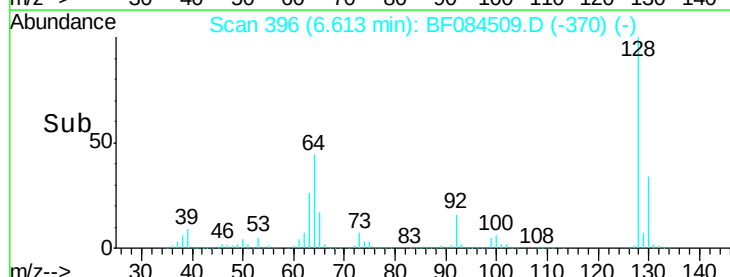
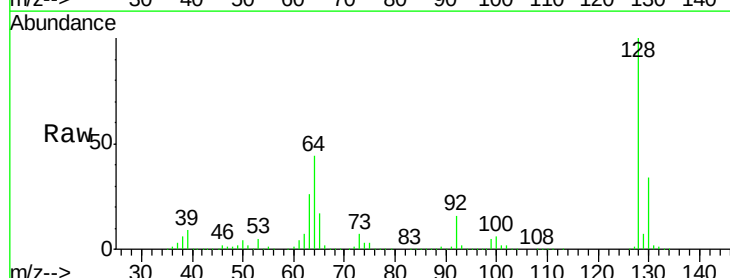
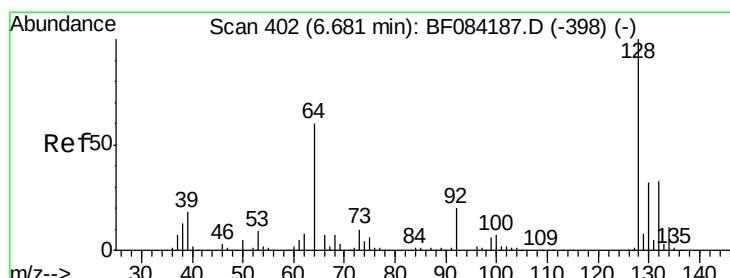
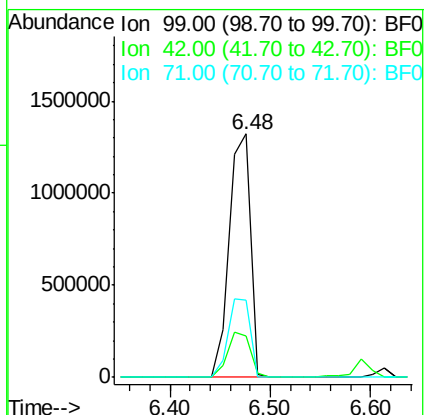
Tot Ion: 99 Resp: 1931974

Ion Ratio Lower Upper

99 100

42 17.1 12.8 19.2

71 31.9 30.9 46.3



#8

2-Chlorophenol

Concen: 42.12 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF084509.D

Acq: 15 Jan 2016 23:45

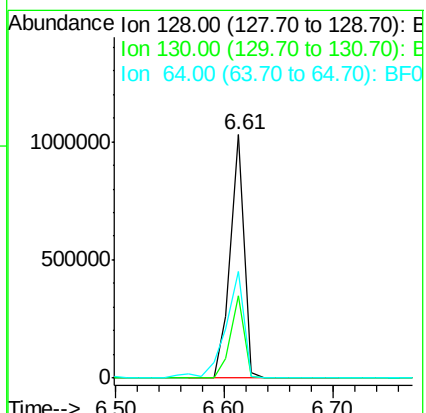
Tgt Ion: 128 Resp: 904911

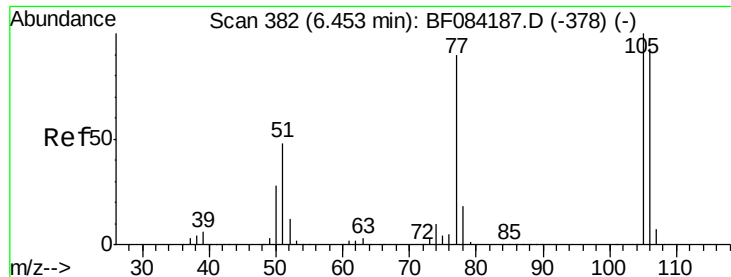
Ion Ratio Lower Upper

128 100

130 33.8 11.6 51.6

64 43.8 23.8 63.8





#9

Benzaldehyde

Concen: 36.87 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF084509.D

Acq: 15 Jan 2016 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

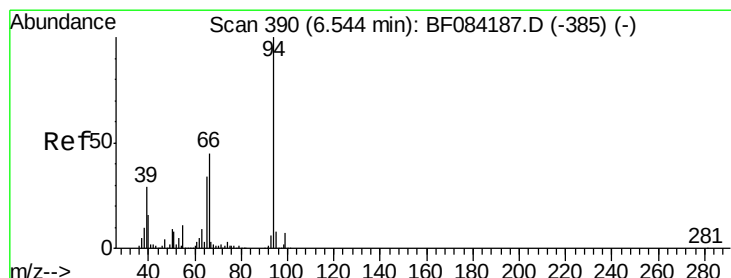
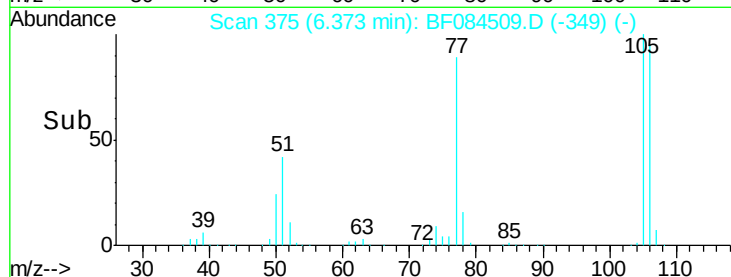
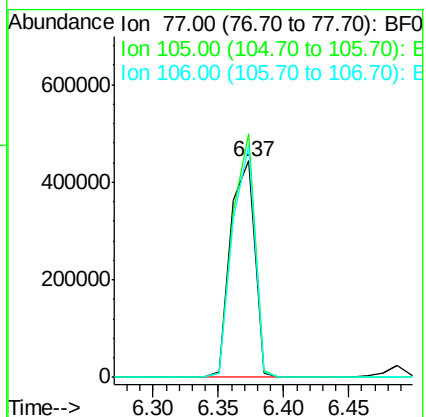
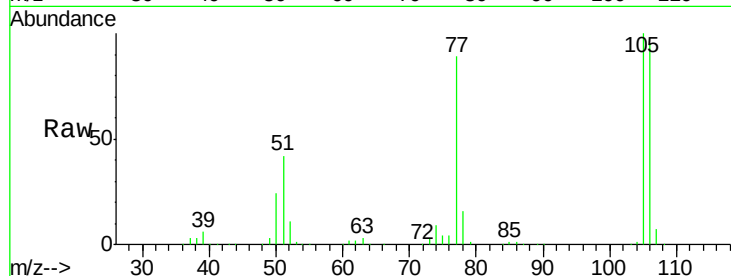
Tot Ion: 77 Resp: 571028

Ion Ratio Lower Upper

77 100

105 112.6 83.0 123.0

106 107.1 74.6 114.6



#10

Phenol

Concen: 41.61 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF084509.D

Acq: 15 Jan 2016 23:45

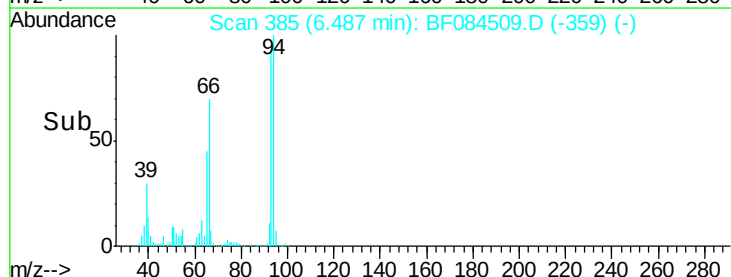
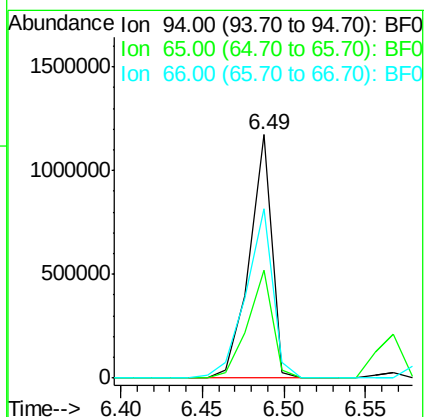
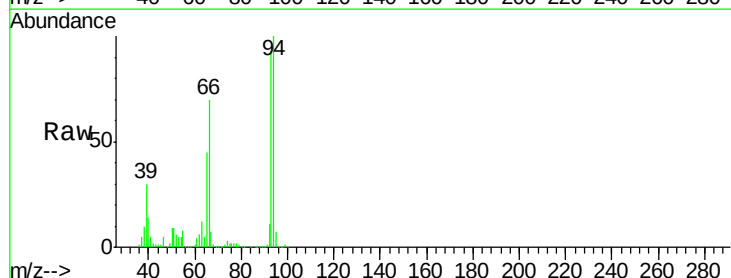
Tgt Ion: 94 Resp: 1125269

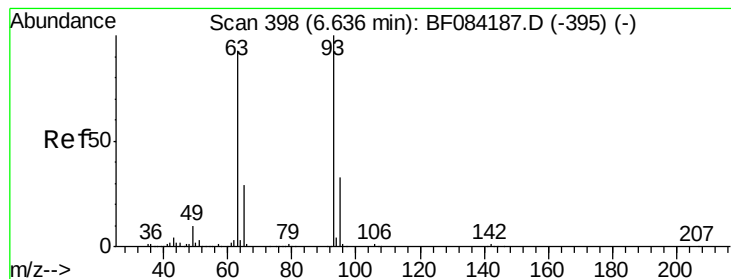
Ion Ratio Lower Upper

94 100

65 44.5 12.9 52.9

66 69.8 32.7 72.7





#11

bis(2-Chloroethyl)ether

Concen: 43.34 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.00 min

Lab File: BF084509.D

Acq: 15 Jan 2016 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

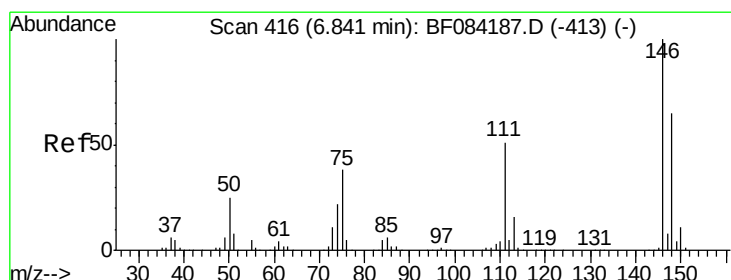
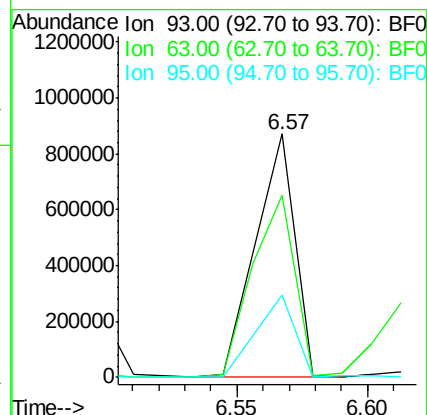
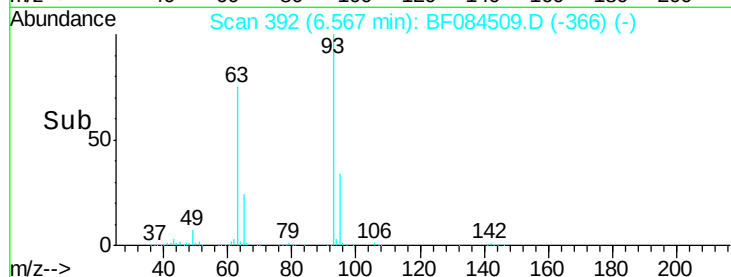
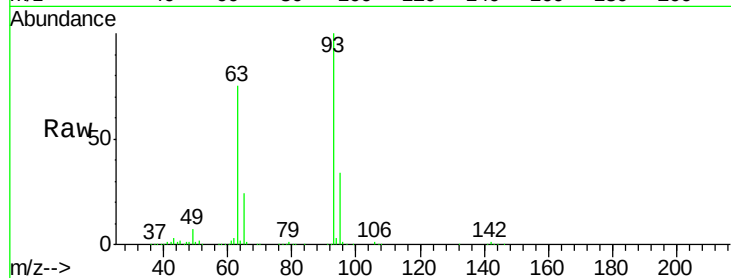
Tot Ion: 93 Resp: 907798

Ion Ratio Lower Upper

93 100

63 74.8 45.9 85.9

95 33.7 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 40.26 ng

RT: 6.76 min Scan# 409

Delta R.T. 0.00 min

Lab File: BF084509.D

Acq: 15 Jan 2016 23:45

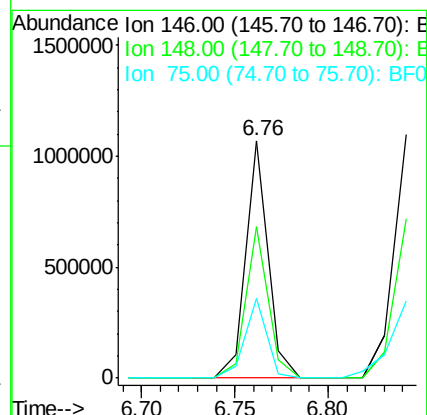
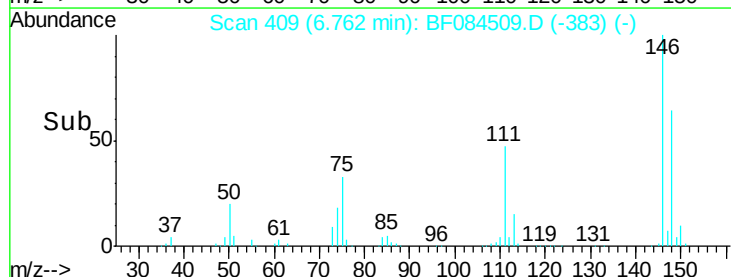
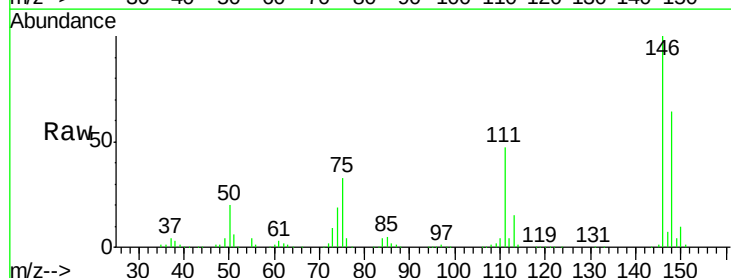
Tgt Ion: 146 Resp: 892257

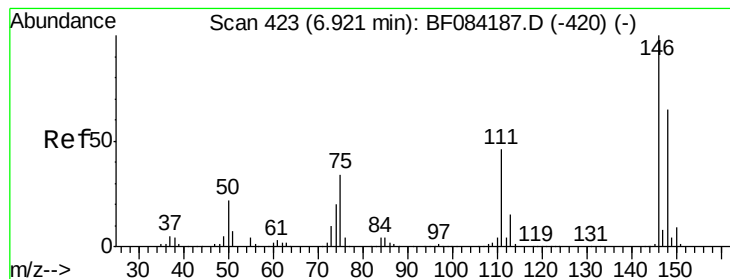
Ion Ratio Lower Upper

146 100

148 63.8 51.9 77.9

75 33.4 20.5 30.7#





#13

1,4-Dichlorobenzene

Concen: 41.07 ng

RT: 6.84 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF084509.D

Acq: 15 Jan 2016 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

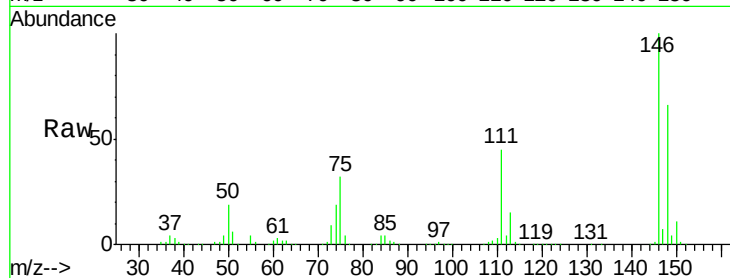
Tot Ion:146 Resp: 912709

Ion Ratio Lower Upper

146 100

148 65.6 51.9 77.9

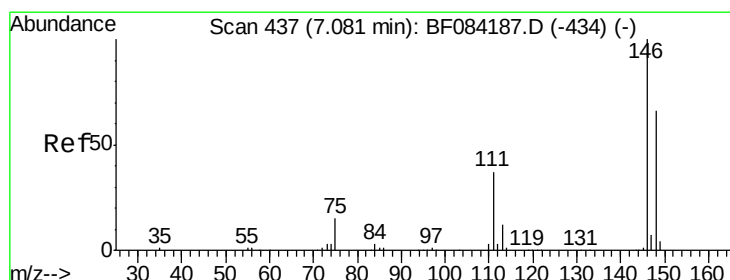
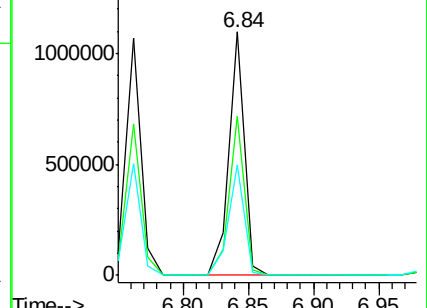
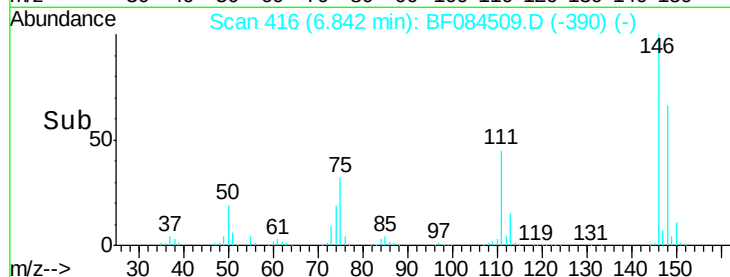
111 45.5 41.6 62.4



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: 37.35 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF084509.D

Acq: 15 Jan 2016 23:45

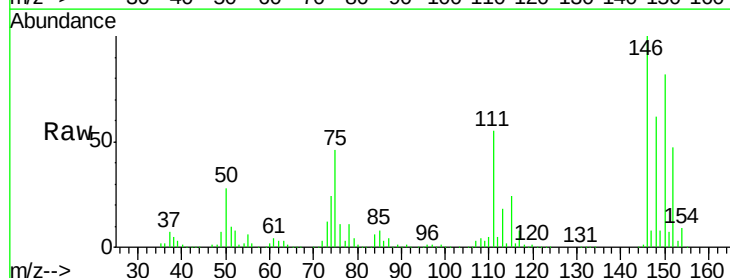
Tgt Ion:146 Resp: 794997

Ion Ratio Lower Upper

146 100

148 61.8 51.6 77.4

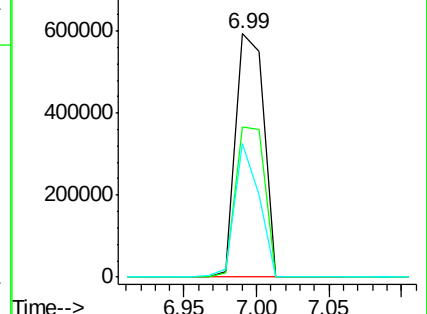
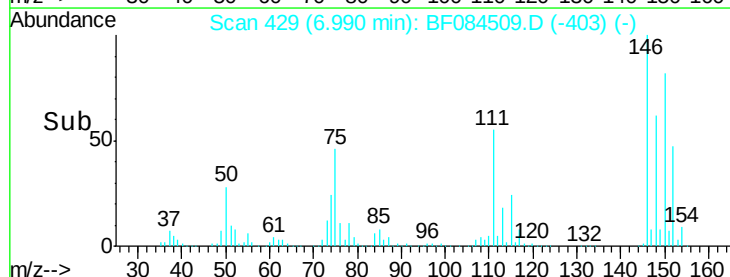
111 54.6 38.0 57.0

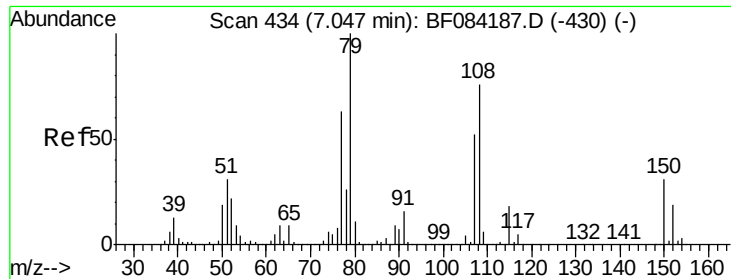


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

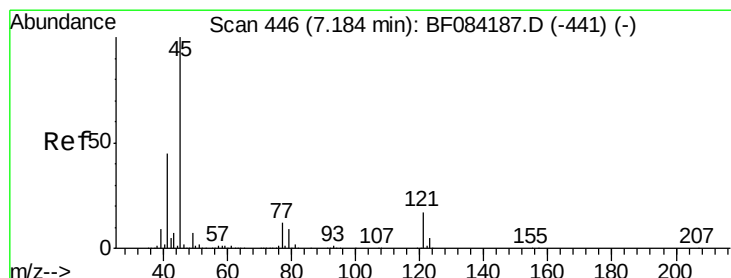
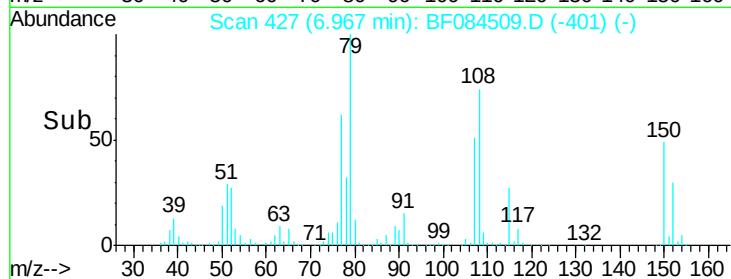
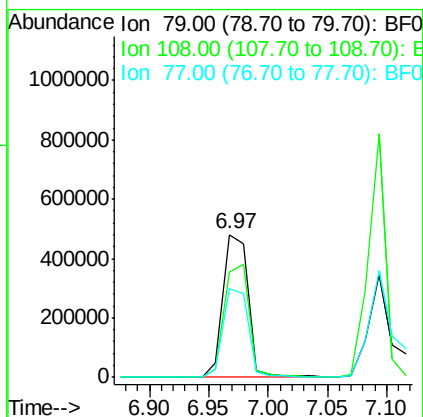
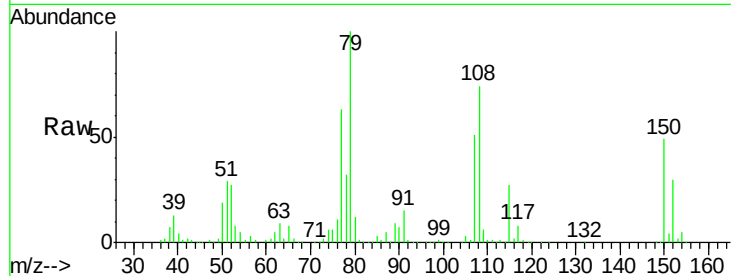




#15
Benzyl Alcohol
Concen: 35.56 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF084509.D
Acq: 15 Jan 2016 23:45

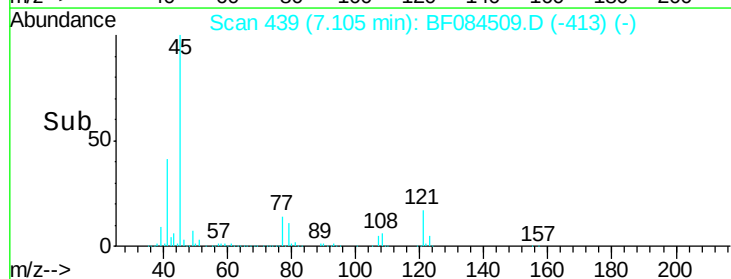
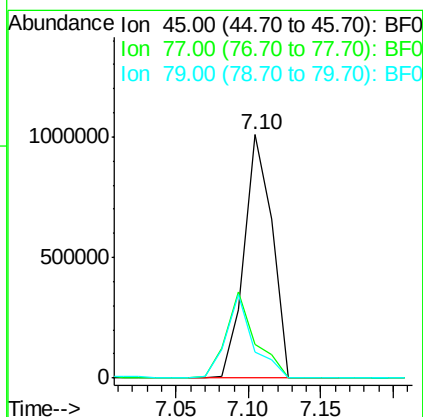
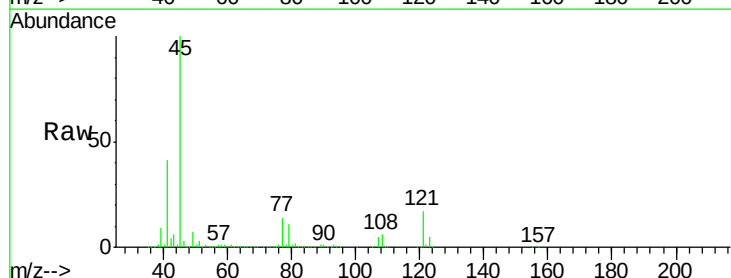
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

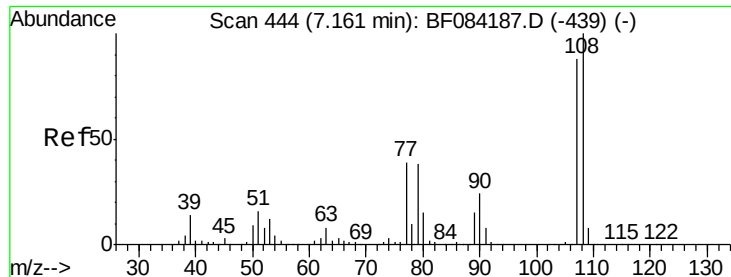
Tot Ion: 79 Resp: 711488
Ion Ratio Lower Upper
79 100
108 73.5 69.0 103.4
77 62.5 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.33 ng
RT: 7.10 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF084509.D
Acq: 15 Jan 2016 23:45

Tgt Ion: 45 Resp: 1347629
Ion Ratio Lower Upper
45 100
77 13.9 0.0 39.6
79 10.7 0.0 35.0





#17

2-Methylphenol

Concen: 39.29 ng

RT: 7.09 min Scan# 438

Delta R.T. 0.00 min

Lab File: BF084509.D

Acq: 15 Jan 2016 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 707457

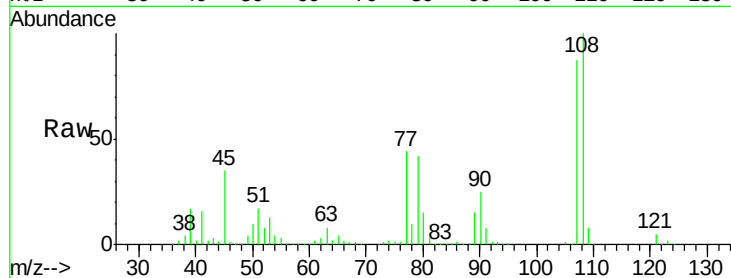
Ion Ratio Lower Upper

107 100

108 114.7 89.8 134.6

77 50.3 35.7 53.5

79 48.6 35.7 53.5

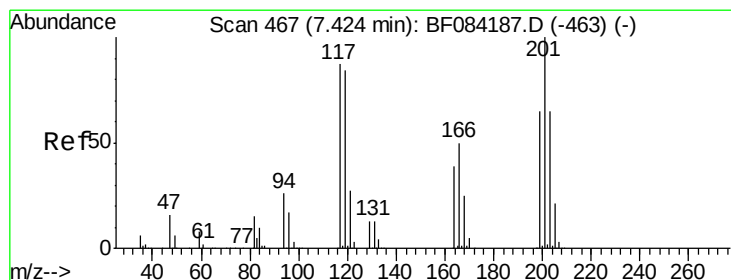
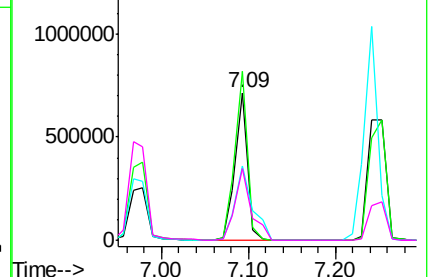
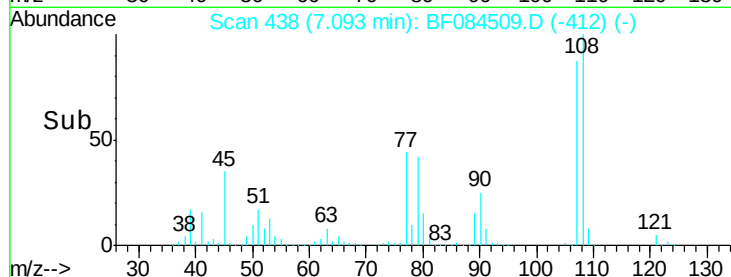


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.30 ng

RT: 7.33 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF084509.D

Acq: 15 Jan 2016 23:45

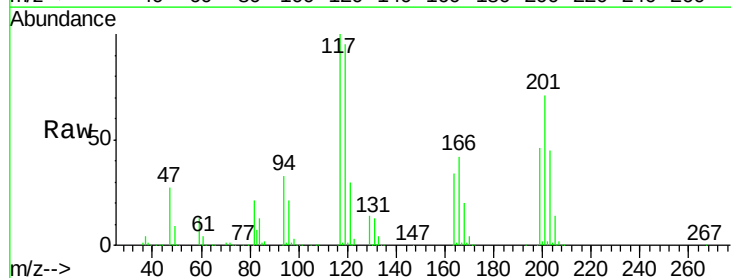
Tgt Ion:117 Resp: 340389

Ion Ratio Lower Upper

117 100

119 94.8 77.4 116.0

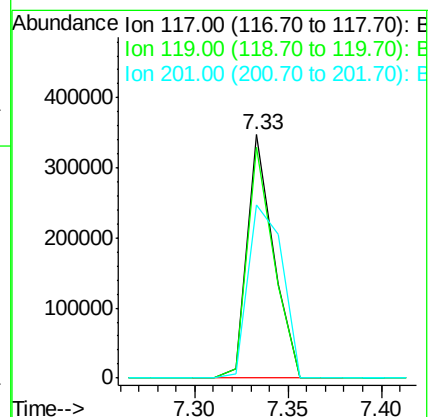
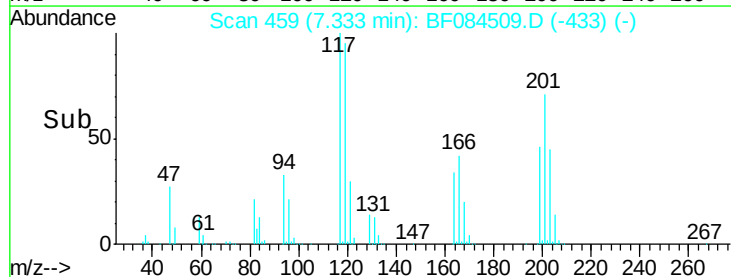
201 71.1 68.6 103.0

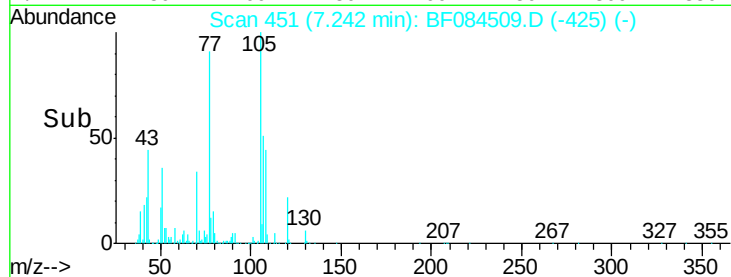
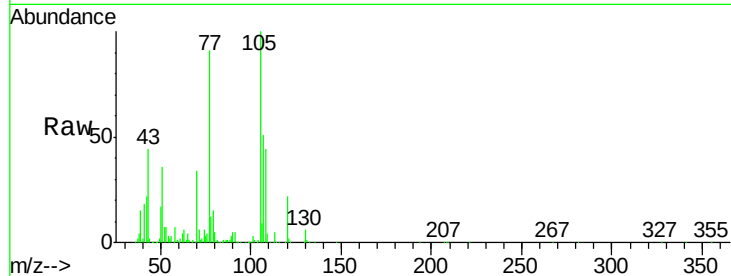
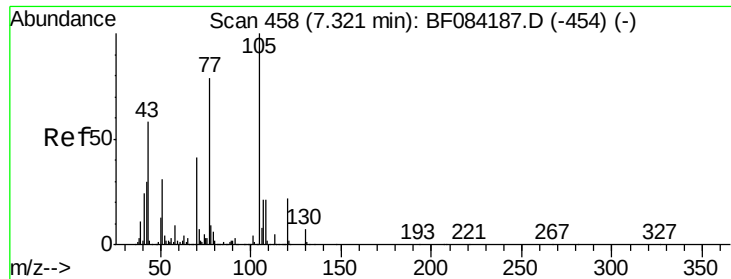


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

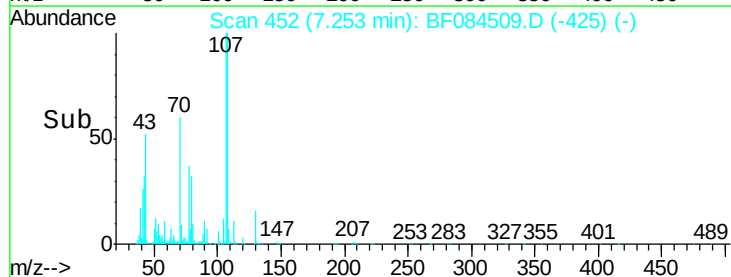
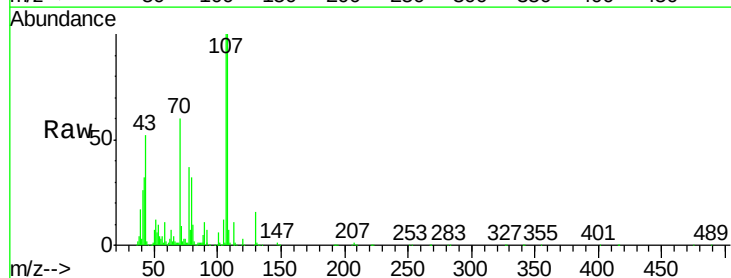
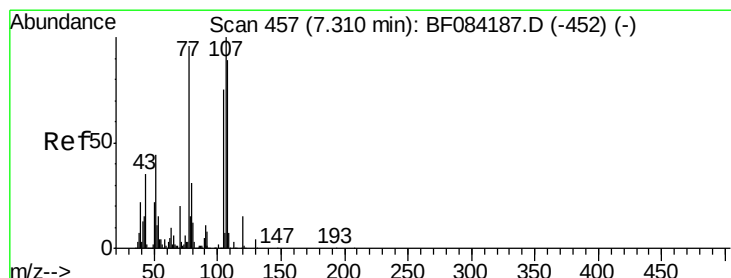
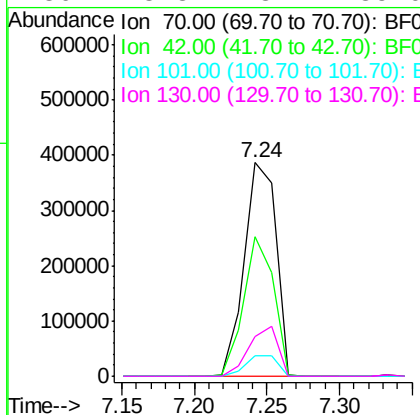




#19
n-Nitroso-di-n-propylamine
Concen: 36.42 ng
RT: 7.24 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF084509.D
Acq: 15 Jan 2016 23:45

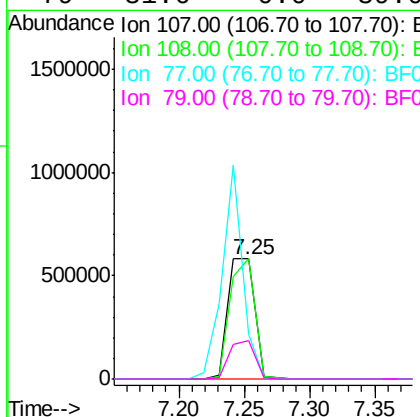
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

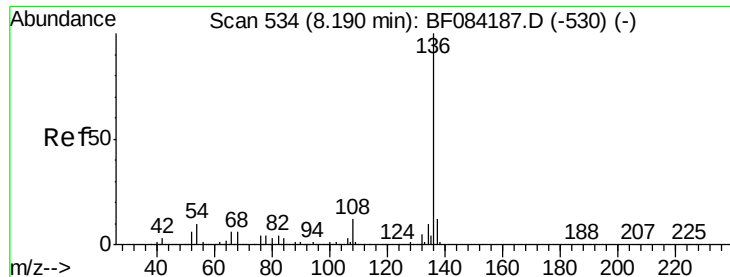
Tot Ion: 70 Resp: 586403
Ion Ratio Lower Upper
70 100
42 65.2 33.3 49.9#
101 9.6 9.3 13.9
130 18.3 23.4 35.0#



#20
3+4-Methylphenols
Concen: 38.80 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.01 min
Lab File: BF084509.D
Acq: 15 Jan 2016 23:45

Tgt Ion: 107 Resp: 821157
Ion Ratio Lower Upper
107 100
108 99.7 74.6 114.6
77 37.0 0.7 40.7
79 31.6 0.0 39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF084509.D

Acq: 15 Jan 2016 23:45

Instrument :

BNA_F

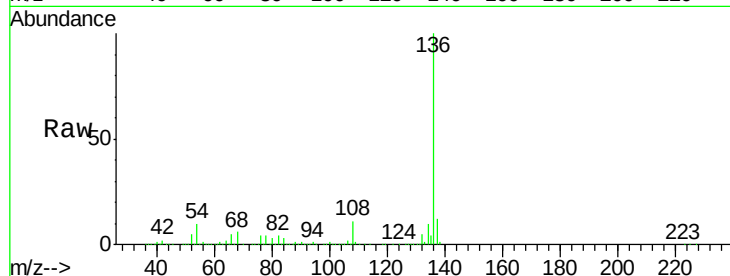
ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 1247992

Ion Ratio Lower Upper

136	100		
137	11.6	8.7	13.1
54	9.7	5.8	8.8#
68	6.0	4.2	6.2

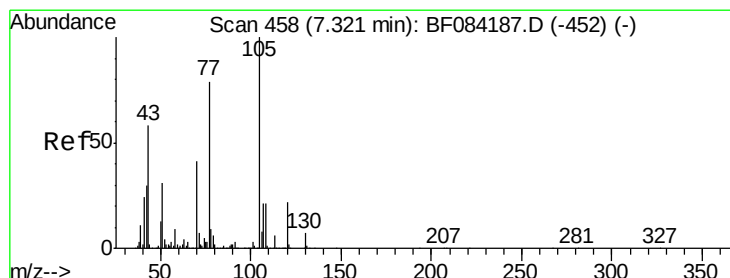
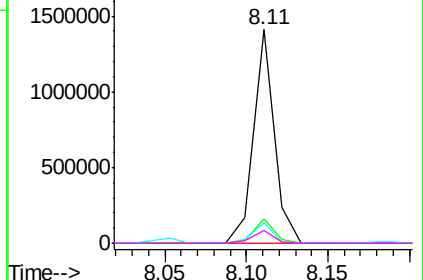
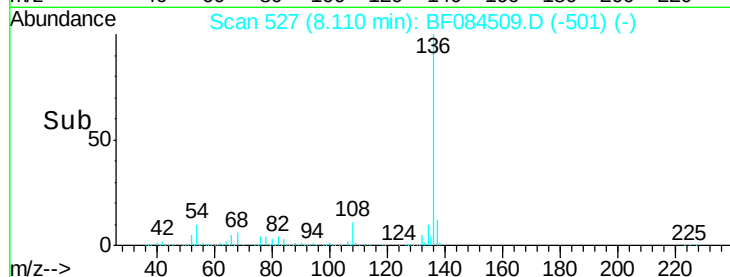


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.57 ng

RT: 7.24 min Scan# 451

Delta R.T. 0.00 min

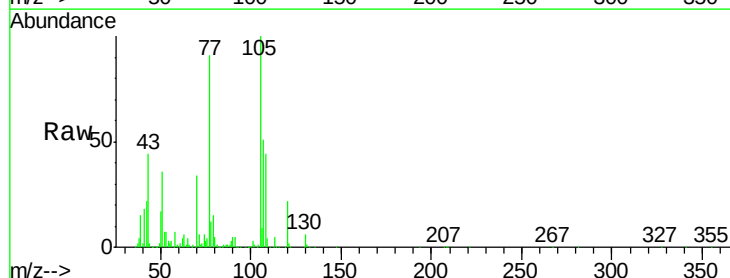
Lab File: BF084509.D

Acq: 15 Jan 2016 23:45

Tgt Ion:105 Resp: 1157418

Ion Ratio Lower Upper

105	100		
71	5.9	3.7	5.5#
51	35.8	25.1	37.7
120	21.6	16.6	25.0

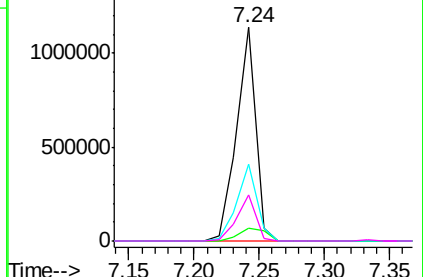
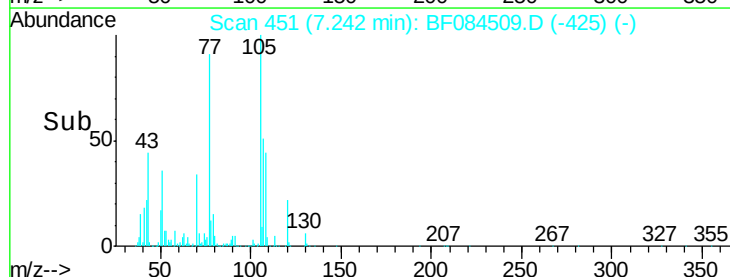


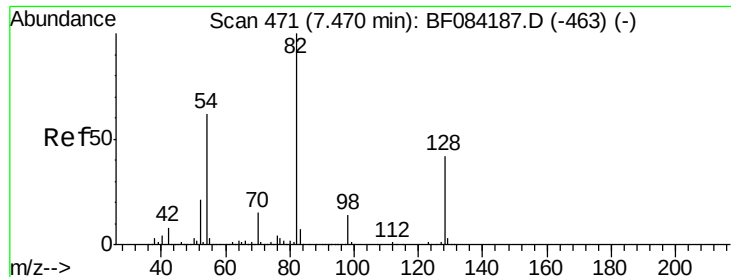
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

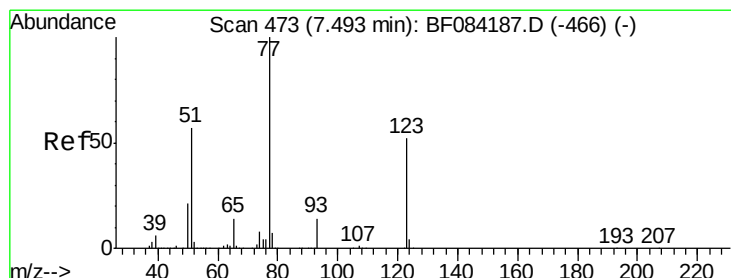
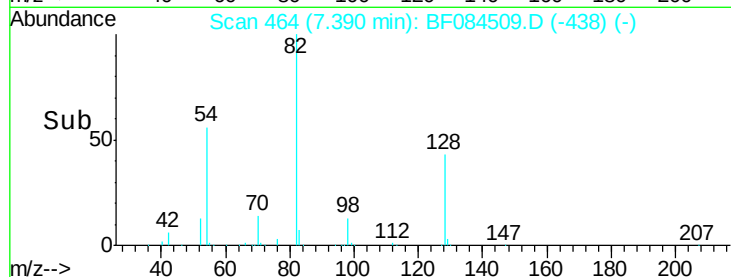
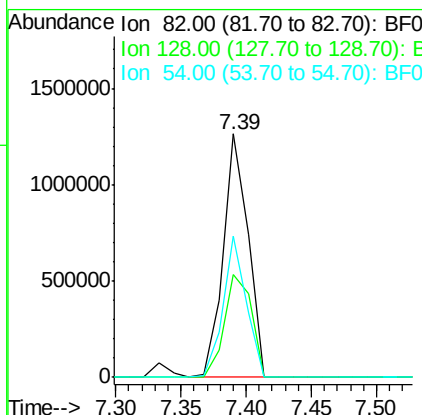
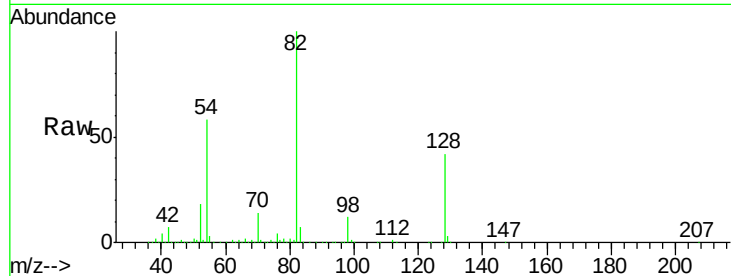




#23
Nitrobenzene-d5
Concen: 74.03 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF084509.D
Acq: 15 Jan 2016 23:45

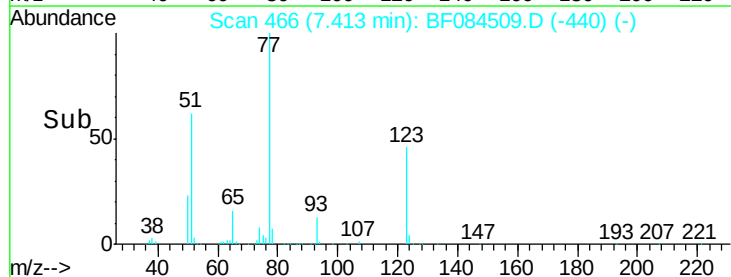
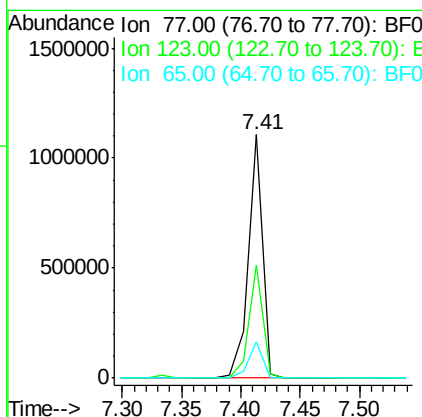
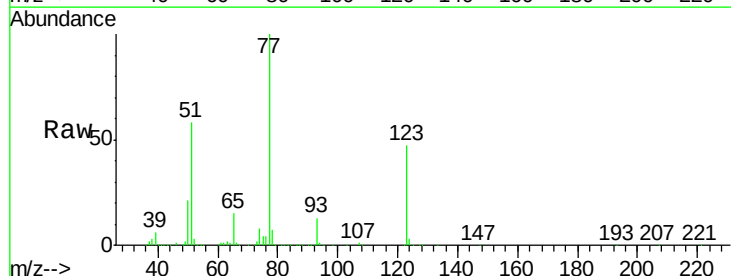
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

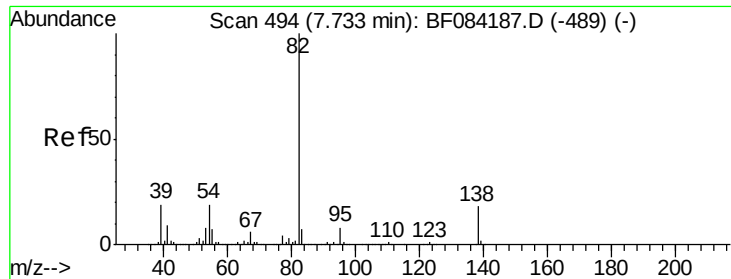
Tot Ion: 82 Resp: 1659927
Ion Ratio Lower Upper
82 100
128 42.4 34.6 51.8
54 58.2 38.4 57.6#



#24
Nitrobenzene
Concen: 40.80 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF084509.D
Acq: 15 Jan 2016 23:45

Tgt Ion: 77 Resp: 927906
Ion Ratio Lower Upper
77 100
123 46.6 37.4 56.2
65 14.6 10.9 16.3





#25

Isophorone

Concen: 37.30 ng

RT: 7.65 min Scan# 487

Delta R.T. 0.00 min

Lab File: BF084509.D

Acq: 15 Jan 2016 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

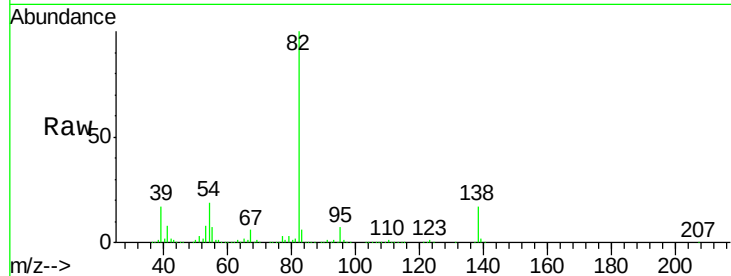
Tot Ion: 82 Resp: 1599452

Ion Ratio Lower Upper

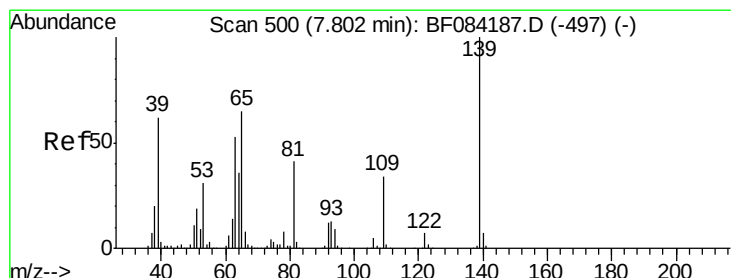
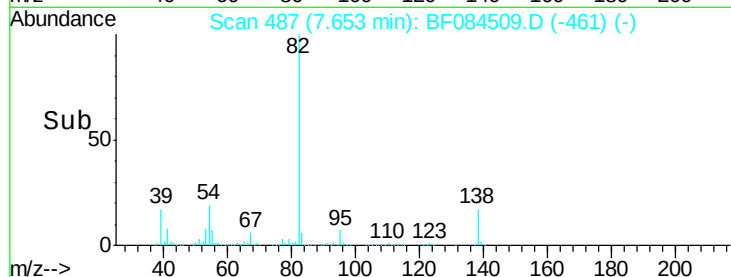
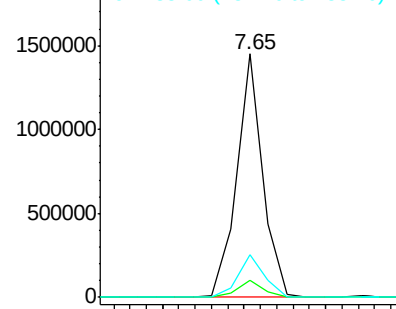
82 100

95 7.0 6.6 10.0

138 17.4 13.6 20.4



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 46.04 ng

RT: 7.73 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF084509.D

Acq: 15 Jan 2016 23:45

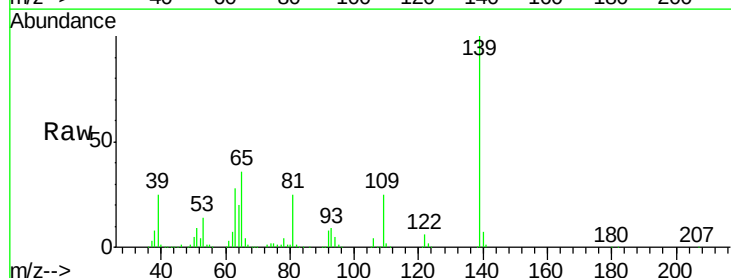
Tgt Ion: 139 Resp: 476518

Ion Ratio Lower Upper

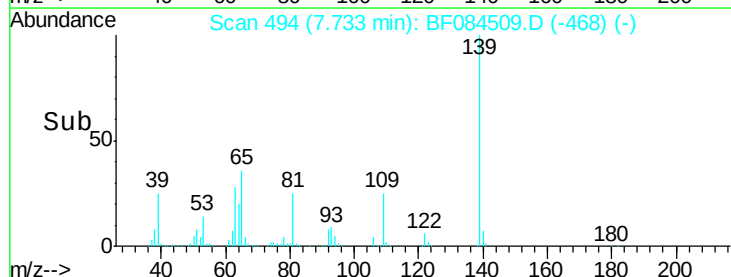
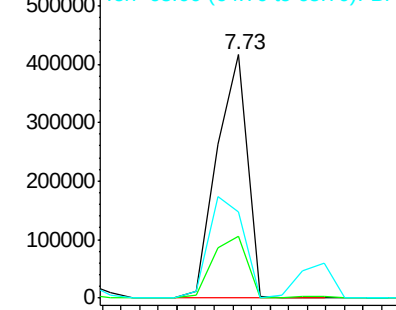
139 100

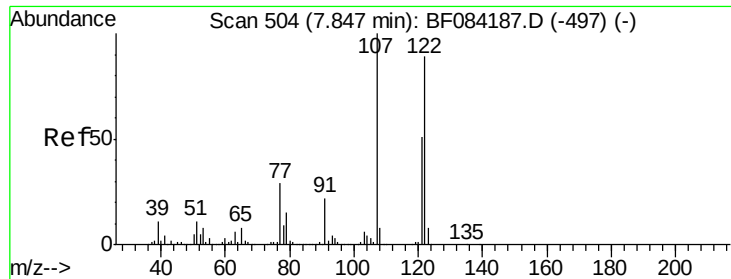
109 25.2 25.4 38.2#

65 35.5 32.3 48.5



Abundance Ion 139.00 (138.70 to 139.70): BF0
Ion 109.00 (108.70 to 109.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 39.95 ng

RT: 7.78 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF084509.D

Acq: 15 Jan 2016 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

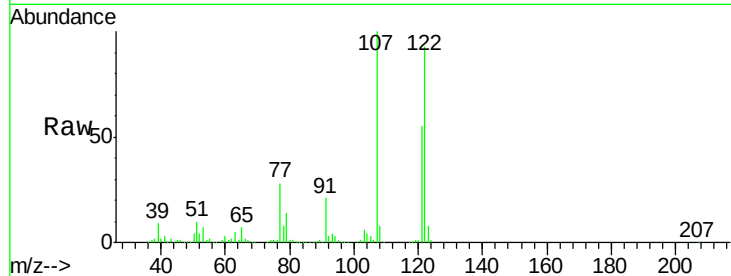
Tot Ion:122 Resp: 837022

Ion Ratio Lower Upper

122 100

107 107.2 99.1 148.7

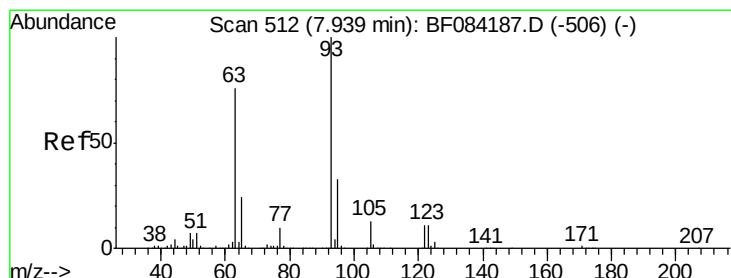
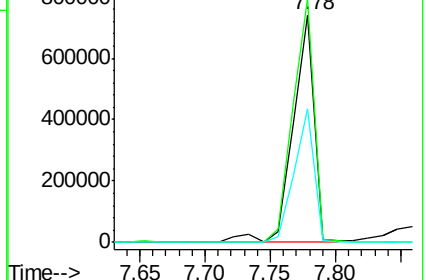
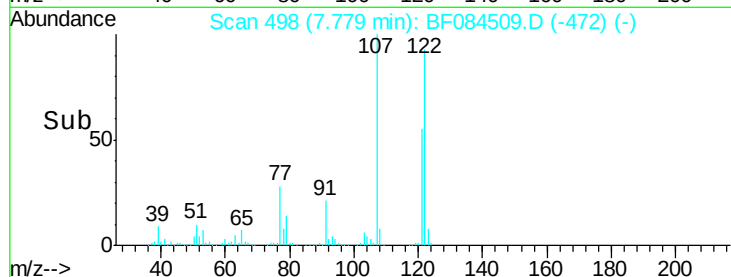
121 58.8 47.9 71.9



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: 41.69 ng

RT: 7.87 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF084509.D

Acq: 15 Jan 2016 23:45

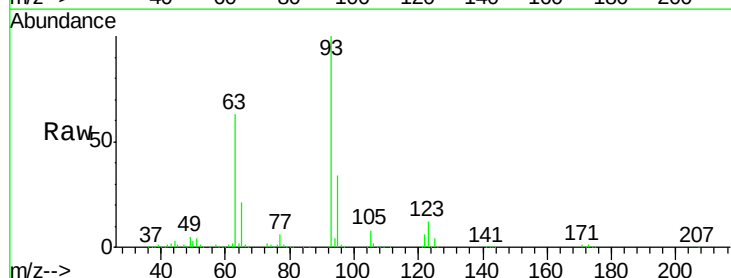
Tgt Ion: 93 Resp: 1092015

Ion Ratio Lower Upper

93 100

95 34.3 25.8 38.6

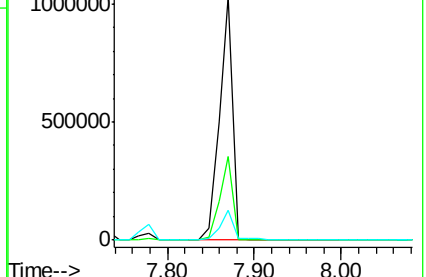
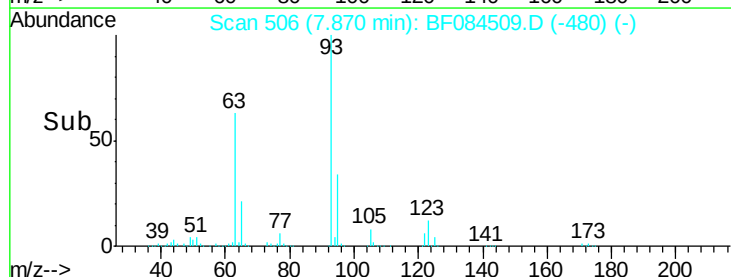
123 12.3 8.6 12.8

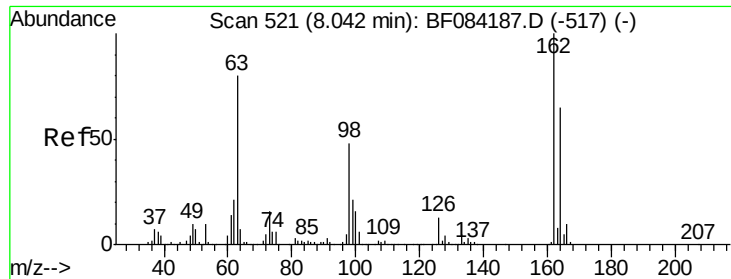


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 38.10 ng

RT: 7.97 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF084509.D

Acq: 15 Jan 2016 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

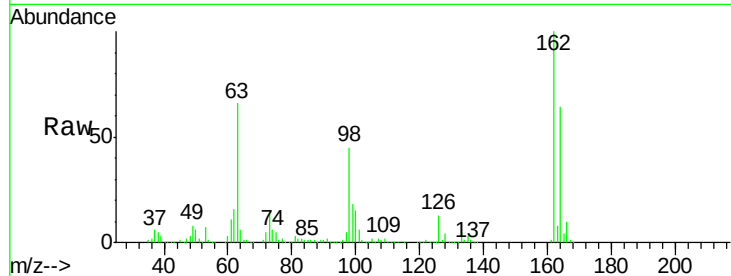
Tot Ion:162 Resp: 665022

Ion Ratio Lower Upper

162 100

164 64.2 44.1 84.1

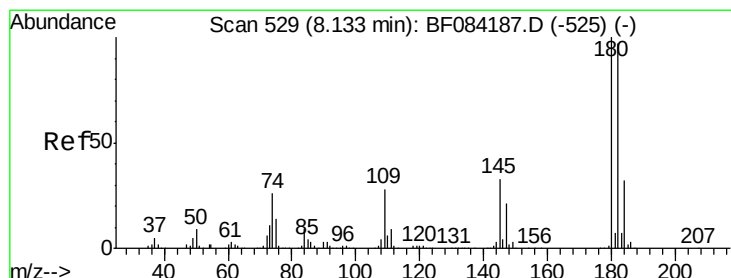
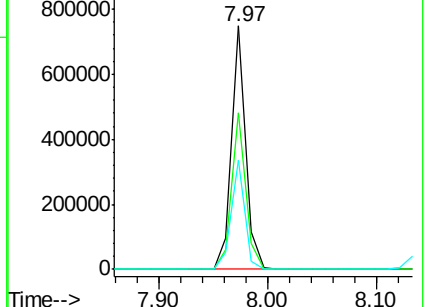
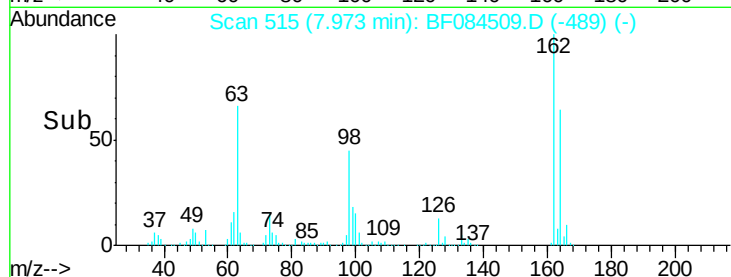
98 44.9 20.2 60.2



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: 39.70 ng

RT: 8.05 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF084509.D

Acq: 15 Jan 2016 23:45

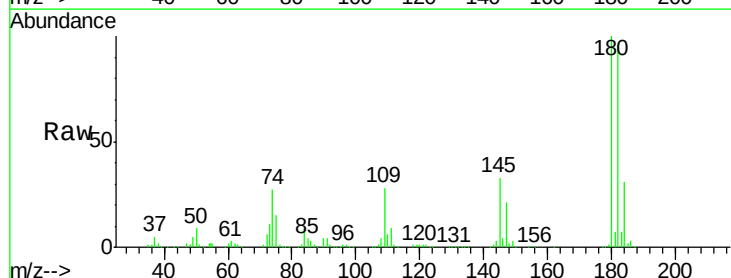
Tgt Ion:180 Resp: 715371

Ion Ratio Lower Upper

180 100

182 95.6 76.4 114.6

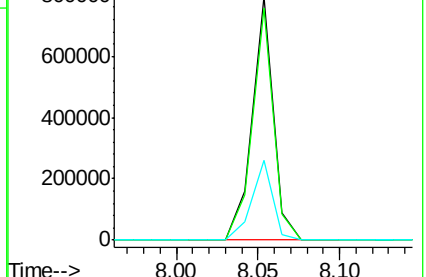
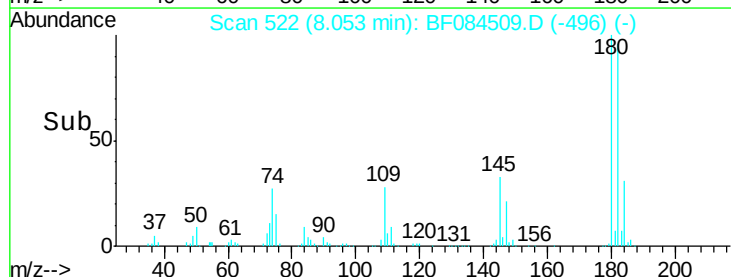
145 33.0 31.6 47.4

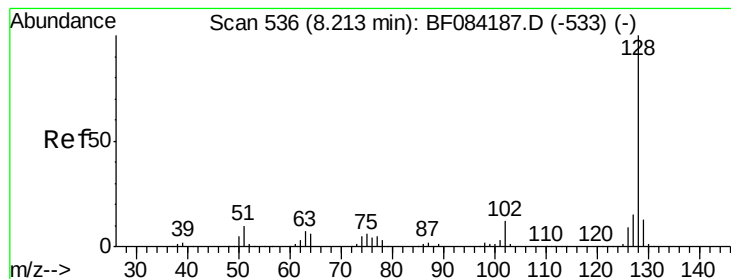


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.54 ng

RT: 8.13 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF084509.D

Acq: 15 Jan 2016 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

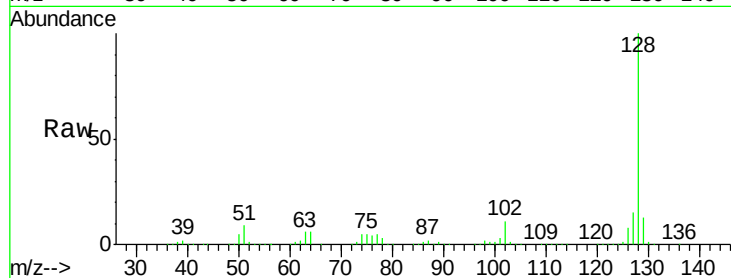
Tot Ion:128 Resp: 2182018

Ion Ratio Lower Upper

128 100

129 12.7 9.1 13.7

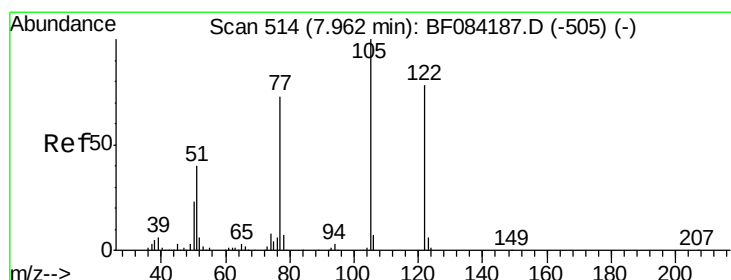
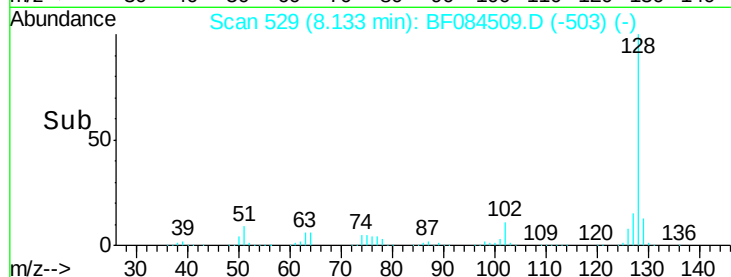
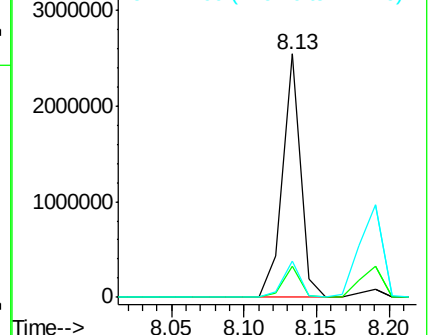
127 14.6 11.1 16.7



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: 29.84 ng

RT: 7.90 min Scan# 509

Delta R.T. 0.01 min

Lab File: BF084509.D

Acq: 15 Jan 2016 23:45

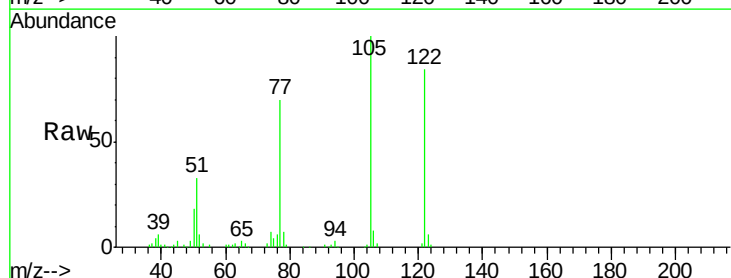
Tgt Ion:122 Resp: 365579

Ion Ratio Lower Upper

122 100

105 118.6 100.3 140.3

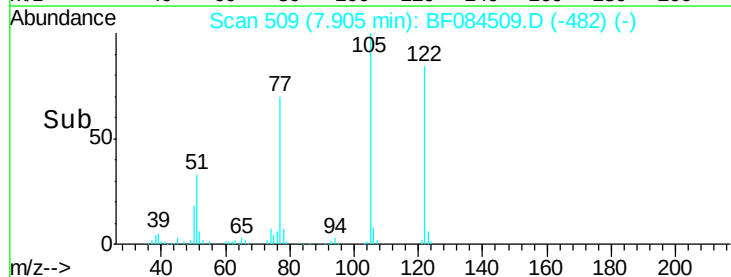
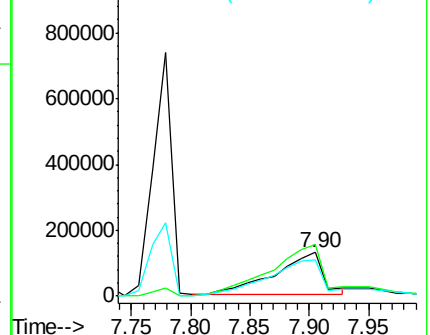
77 82.8 63.5 103.5

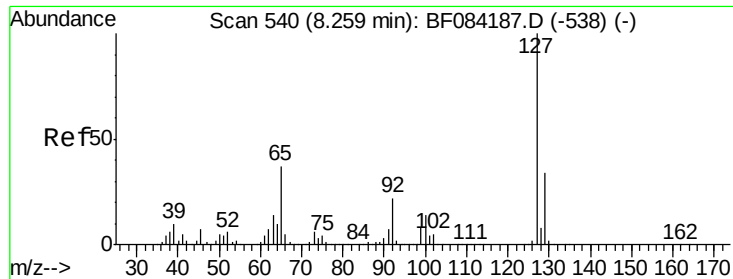


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

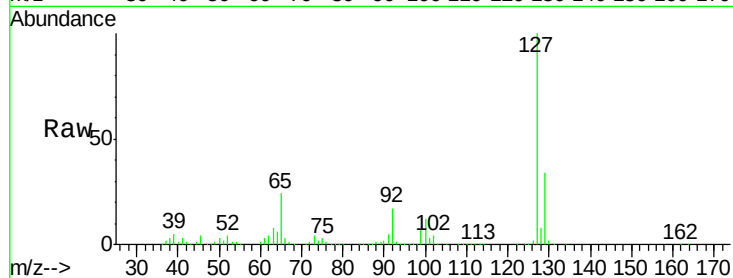




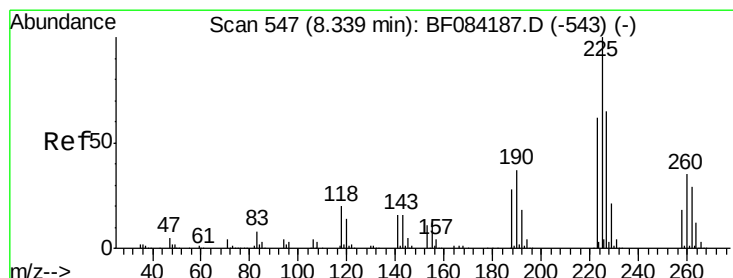
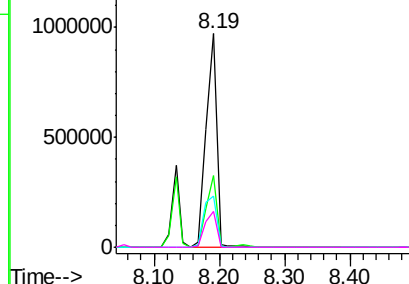
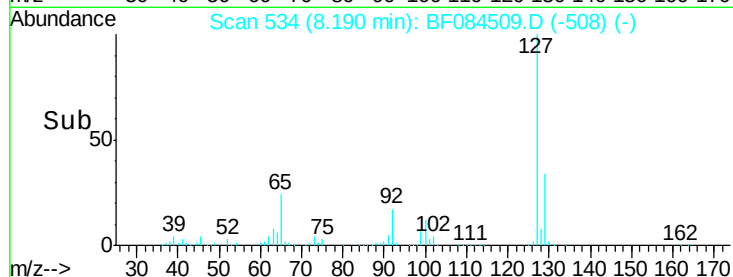
#33
4-Chloroaniline
Concen: 41.44 ng
RT: 8.19 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF084509.D
Acq: 15 Jan 2016 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	1075669
Ion	Ratio	Lower	Upper
127	100		
129	33.7	26.5	39.7
65	24.2	27.2	40.8#
92	17.0	17.7	26.5#

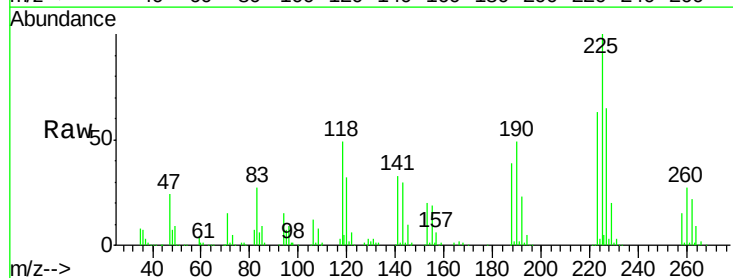


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

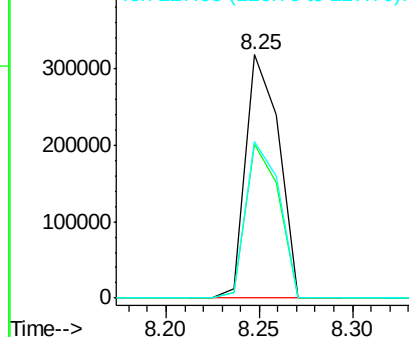
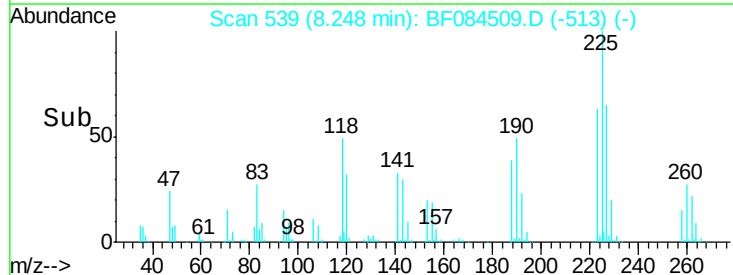


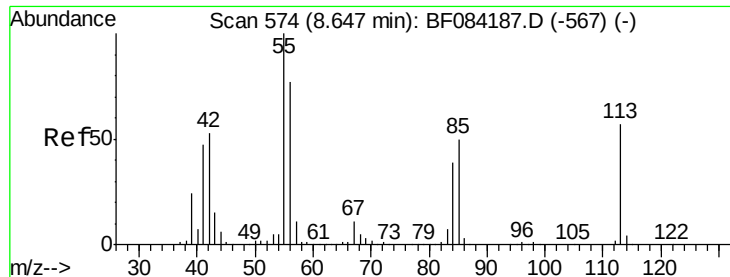
#34
Hexachlorobutadiene
Concen: 37.81 ng
RT: 8.25 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF084509.D
Acq: 15 Jan 2016 23:45

Tgt Ion:	225	Resp:	391583
Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.4	74.0
227	64.5	50.8	76.2



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: 39.38 ng

RT: 8.57 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF084509.D

Acq: 15 Jan 2016 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

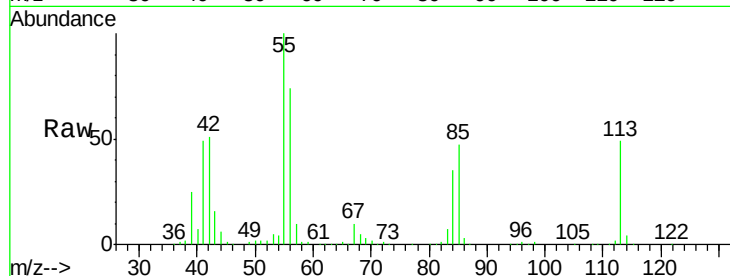
Tot Ion:113 Resp: 231695

Ion Ratio Lower Upper

113 100

55 206.0 116.9 156.9#

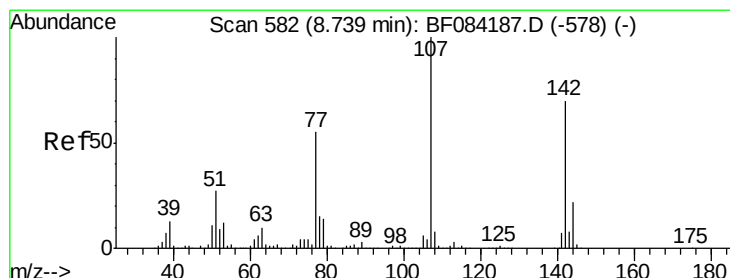
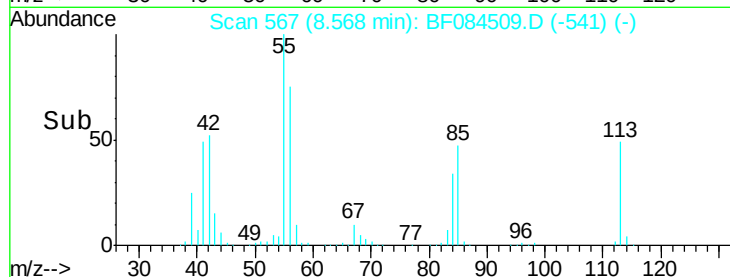
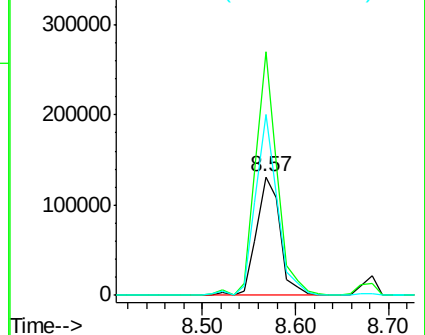
56 153.4 93.8 133.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.76 ng

RT: 8.68 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF084509.D

Acq: 15 Jan 2016 23:45

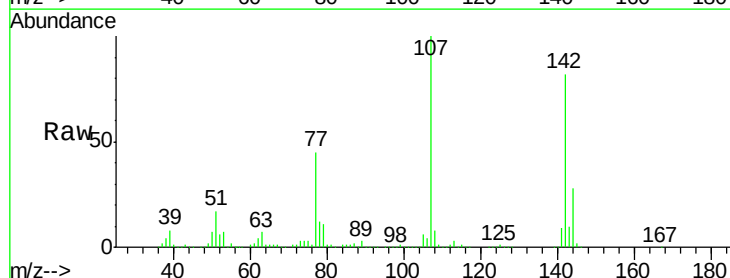
Tgt Ion:107 Resp: 796807

Ion Ratio Lower Upper

107 100

144 27.6 19.7 29.5

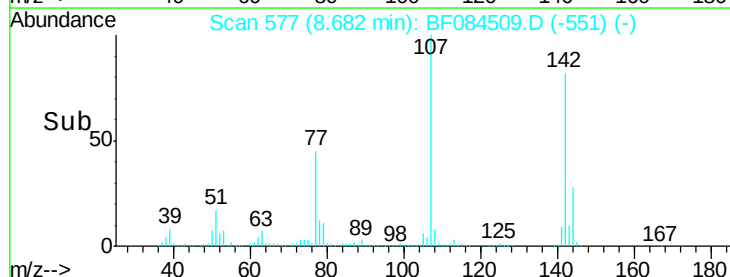
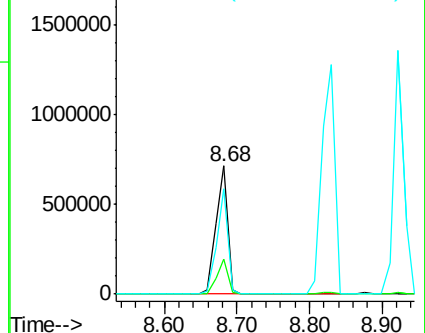
142 82.1 61.8 92.6

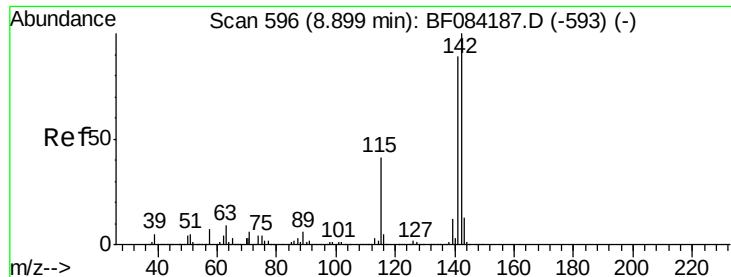


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

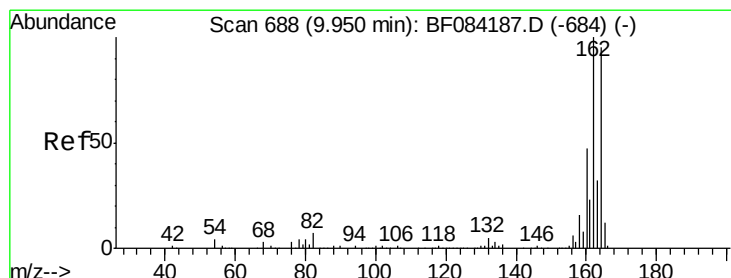
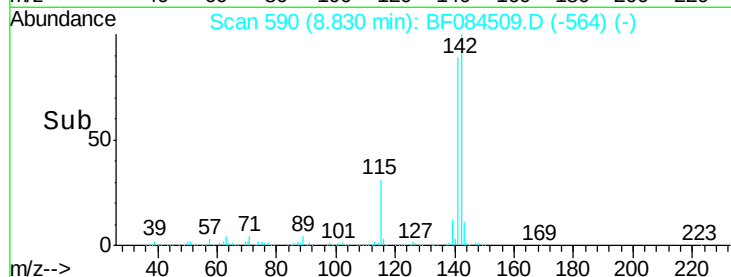
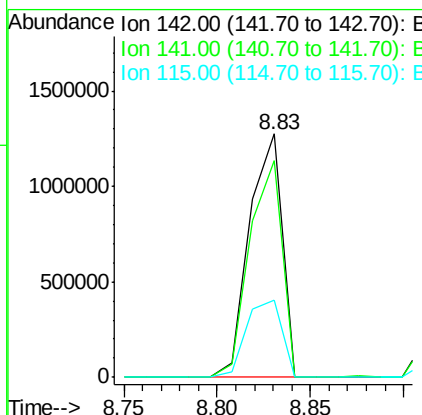
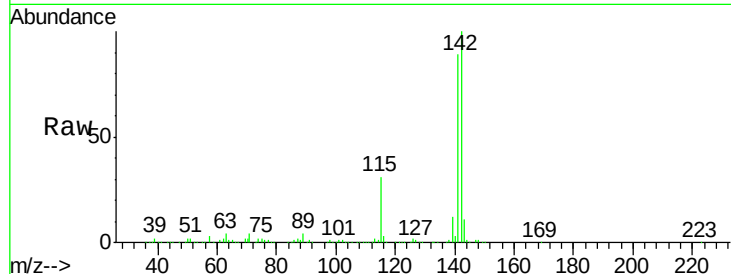




#37
 2-Methylnaphthalene
 Concen: 38.59 ng
 RT: 8.83 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF084509.D
 Acq: 15 Jan 2016 23:45

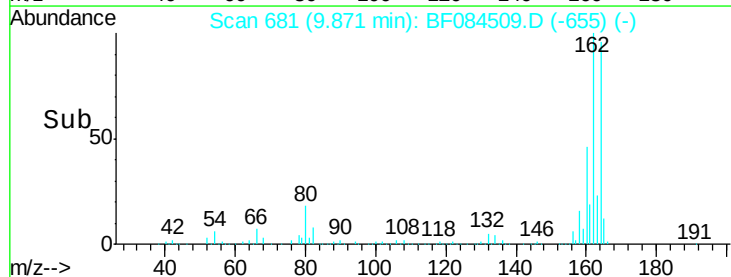
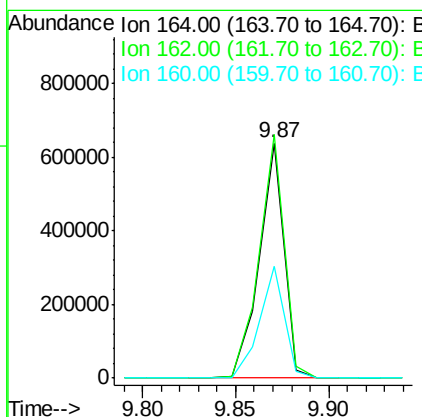
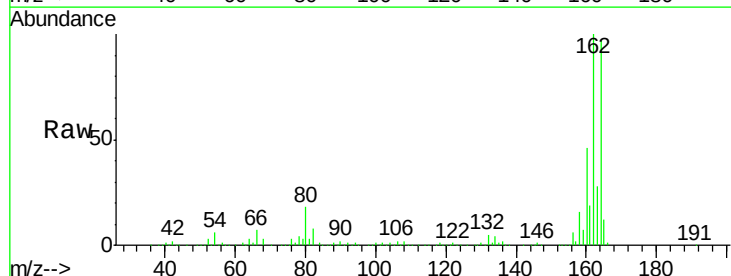
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

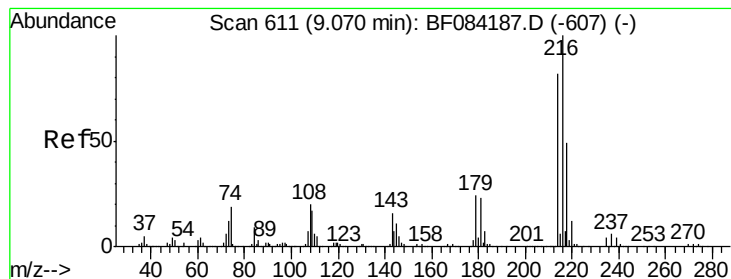
Tot Ion:142 Resp: 1568708
 Ion Ratio Lower Upper
 142 100
 141 89.2 72.4 108.6
 115 31.5 27.9 41.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. 0.00 min
 Lab File: BF084509.D
 Acq: 15 Jan 2016 23:45

Tgt Ion:164 Resp: 583399
 Ion Ratio Lower Upper
 164 100
 162 103.5 85.1 127.7
 160 47.4 37.5 56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.01 ng

RT: 8.99 min Scan# 604

Delta R.T. 0.00 min

Lab File: BF084509.D

Acq: 15 Jan 2016 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 637422

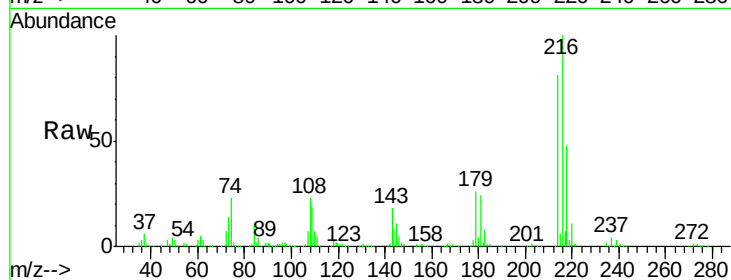
Ion Ratio Lower Upper

216 100

214 79.4 64.2 96.2

179 24.1 18.7 28.1

108 22.3 16.8 25.2

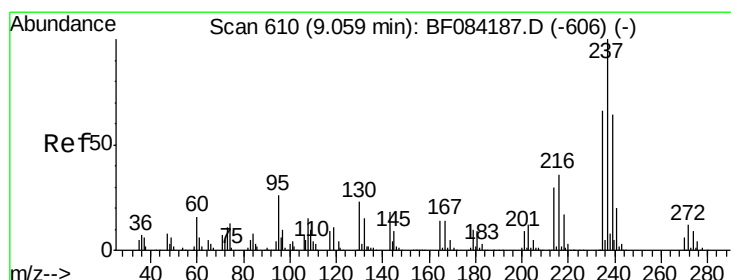
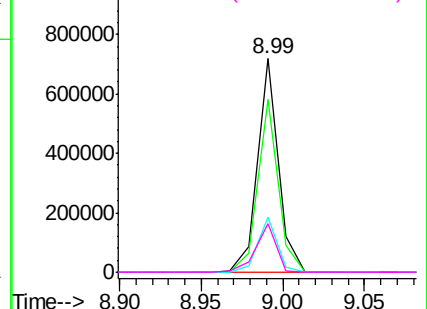
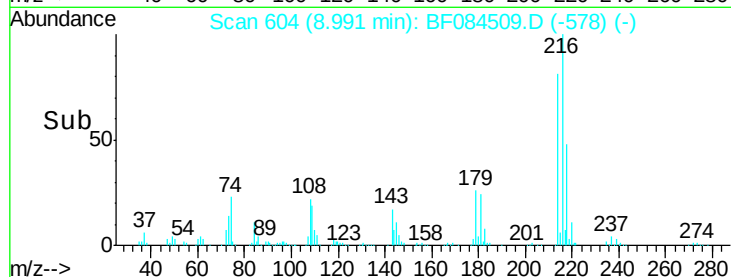


Abundance Ion 216.00 (215.70 to 216.70): E

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: 22.62 ng

RT: 8.98 min Scan# 603

Delta R.T. 0.00 min

Lab File: BF084509.D

Acq: 15 Jan 2016 23:45

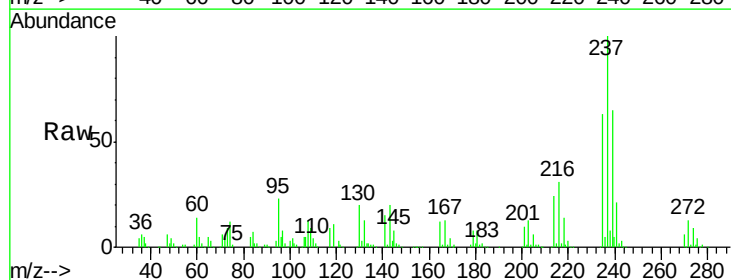
Tgt Ion:237 Resp: 229039

Ion Ratio Lower Upper

237 100

235 63.2 43.1 83.1

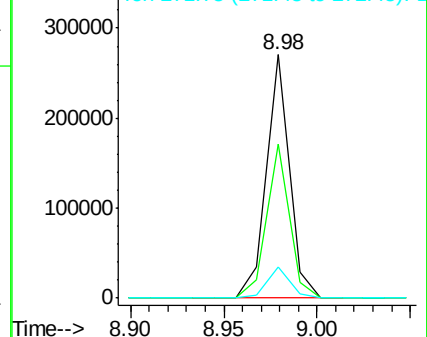
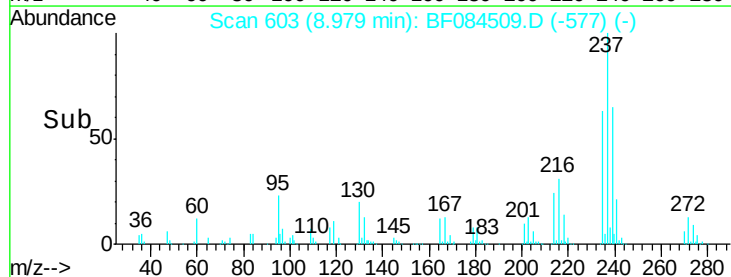
272 12.8 0.0 35.1

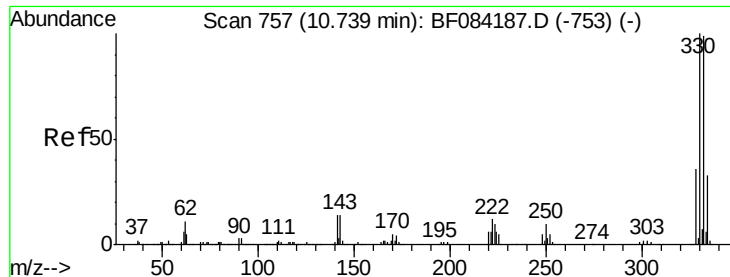


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

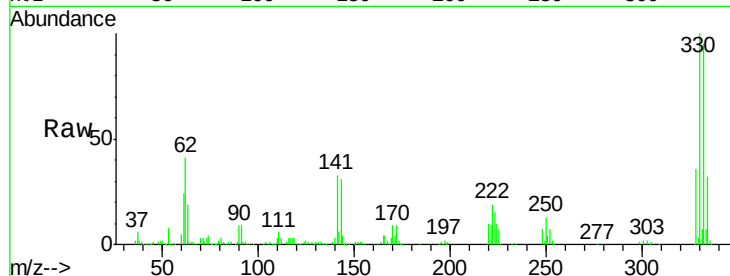




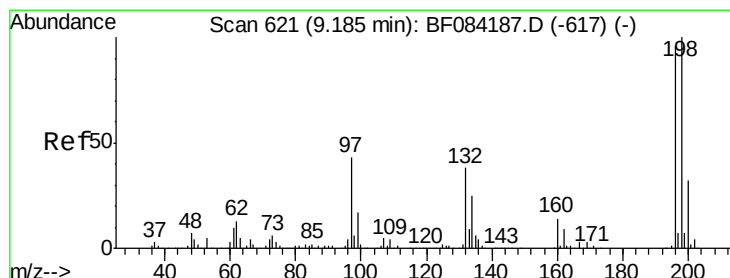
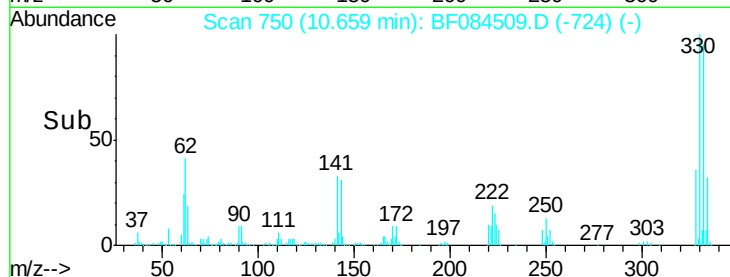
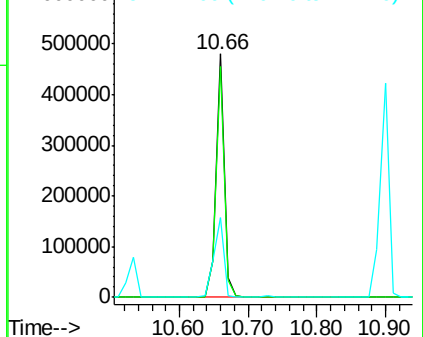
#41
 2,4,6-Tribromophenol
 Concen: 70.00 ng
 RT: 10.66 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF084509.D
 Acq: 15 Jan 2016 23:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:330 Resp: 412302
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 114.8
 141 39.1 27.8 41.6

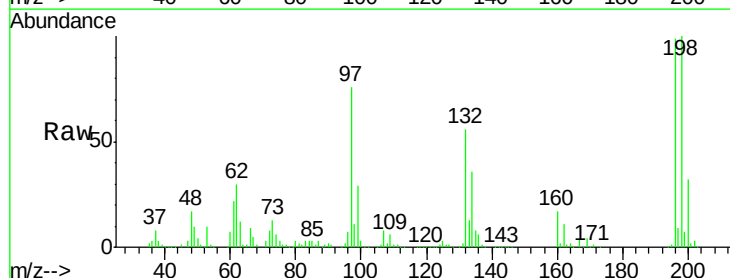


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

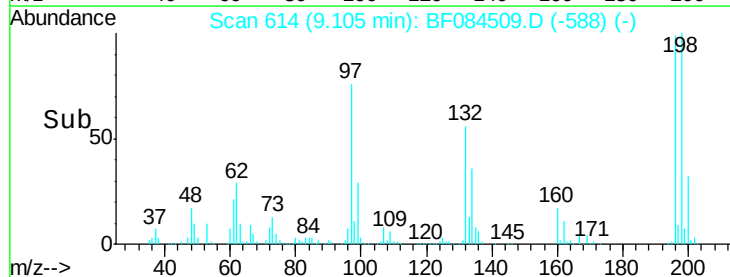
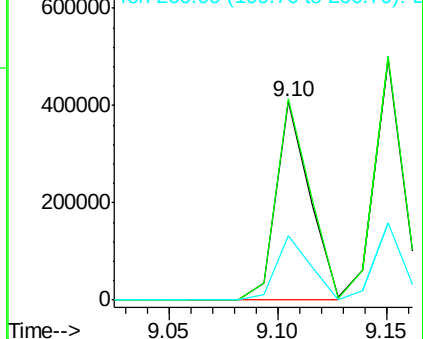


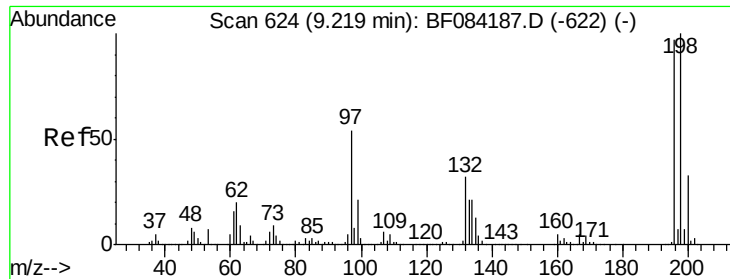
#42
 2,4,6-Trichlorophenol
 Concen: 35.15 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF084509.D
 Acq: 15 Jan 2016 23:45

Tgt Ion:196 Resp: 441064
 Ion Ratio Lower Upper
 196 100
 198 101.5 77.7 116.5
 200 32.4 24.6 37.0



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

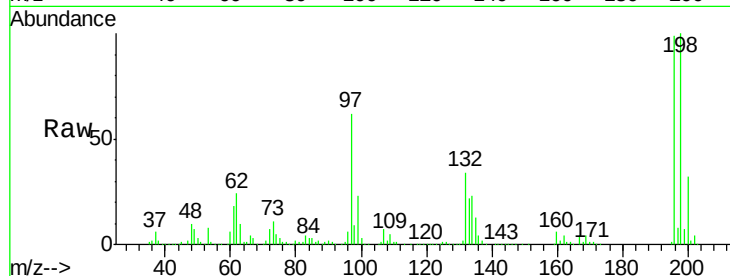




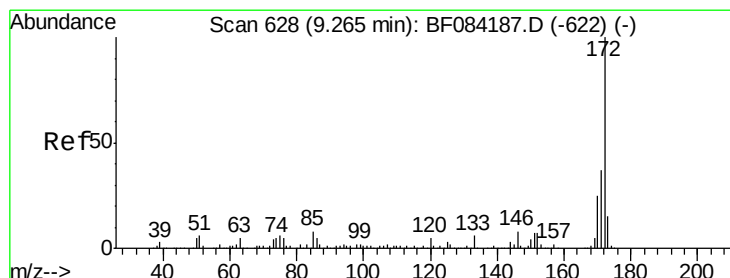
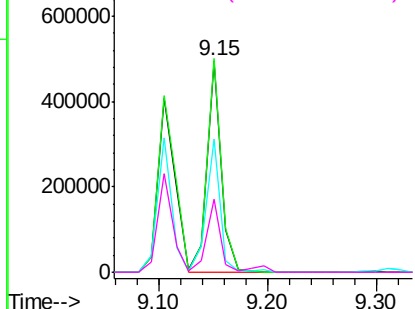
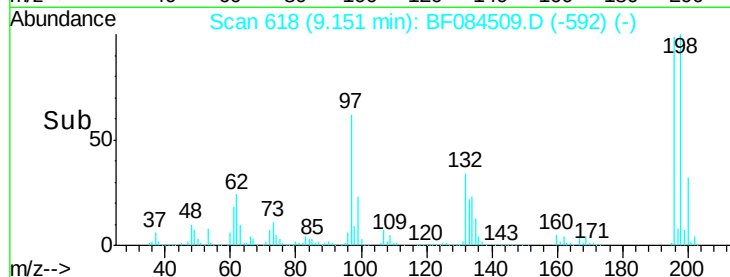
#43
 2,4,5-Trichlorophenol
 Concen: 38.25 ng
 RT: 9.15 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF084509.D
 Acq: 15 Jan 2016 23:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 460153
 Ion Ratio Lower Upper
 196 100
 198 100.8 79.0 118.6
 97 62.9 33.0 49.6#
 132 34.3 21.1 31.7#

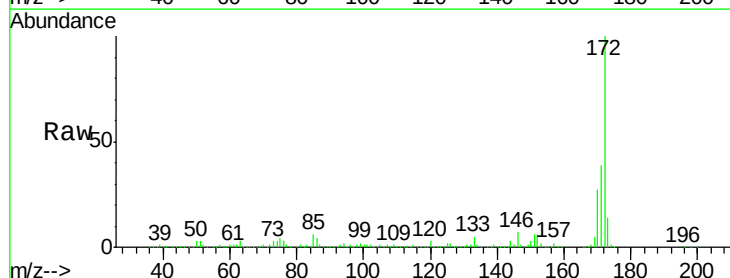


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

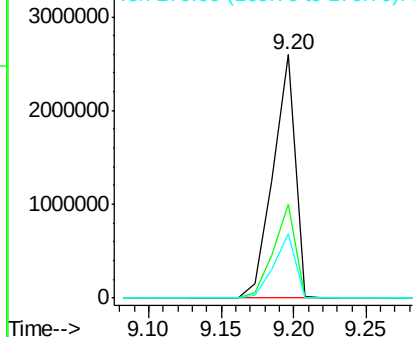
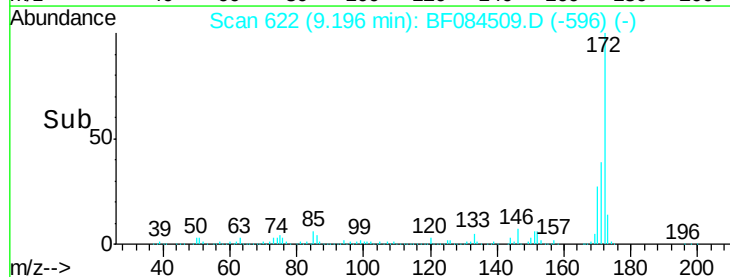


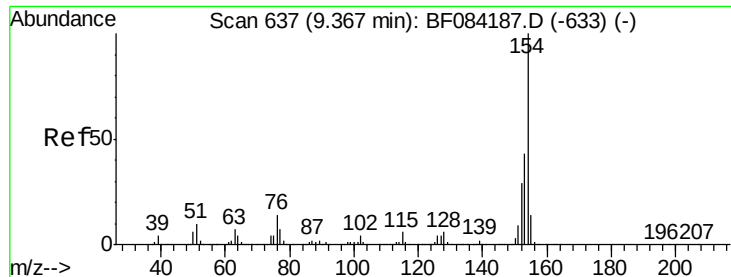
#44
 2-Fluorobiphenyl
 Concen: 83.06 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF084509.D
 Acq: 15 Jan 2016 23:45

Tgt Ion:172 Resp: 2759234
 Ion Ratio Lower Upper
 172 100
 171 38.8 28.9 43.3
 170 26.5 18.6 27.8



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

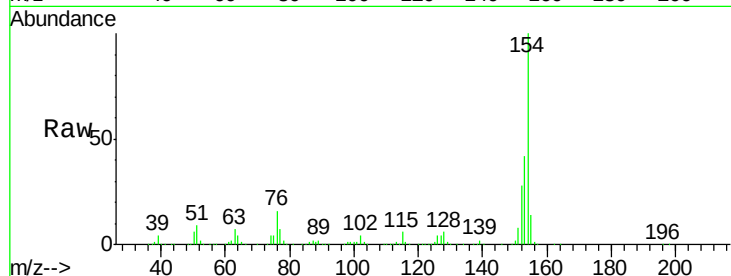




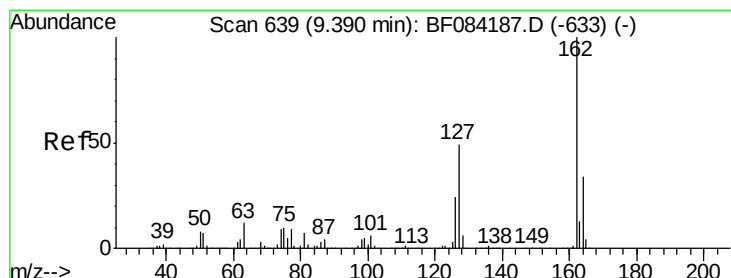
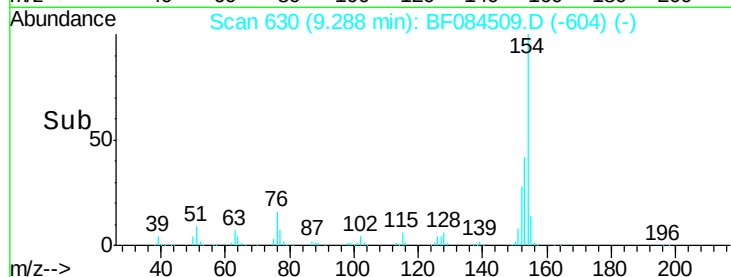
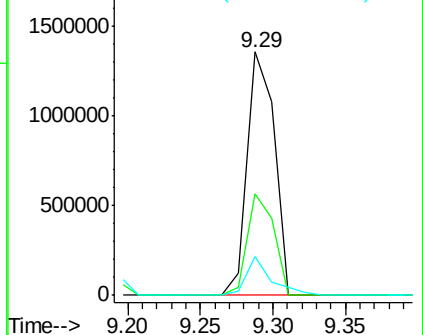
#45
 1,1'-Biphenyl
 Concen: 37.95 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF084509.D
 Acq: 15 Jan 2016 23:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:154 Resp: 1759599
 Ion Ratio Lower Upper
 154 100
 153 41.7 21.6 61.6
 76 15.9 0.0 32.7

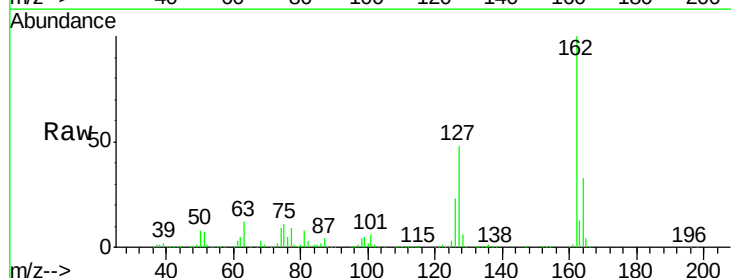


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

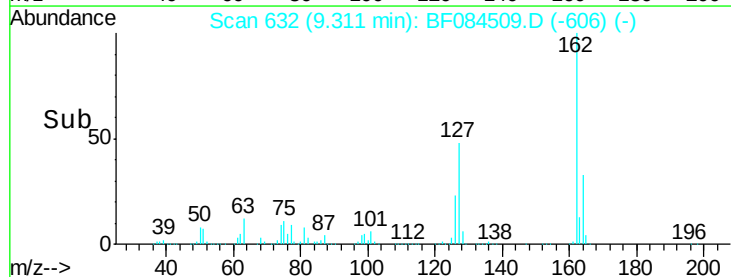
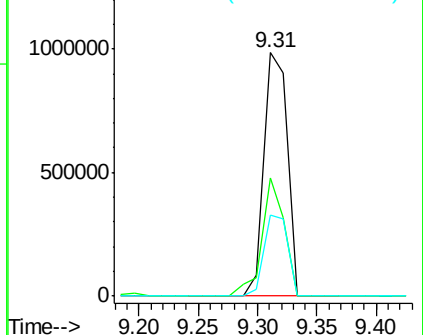


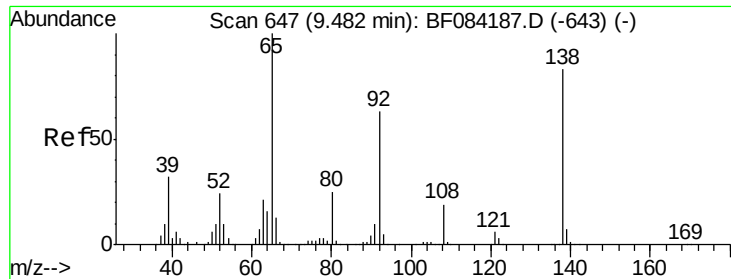
#46
 2-Chloronaphthalene
 Concen: 37.25 ng
 RT: 9.31 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: BF084509.D
 Acq: 15 Jan 2016 23:45

Tgt Ion:162 Resp: 1356705
 Ion Ratio Lower Upper
 162 100
 127 48.3 40.2 60.4
 164 33.1 25.7 38.5



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

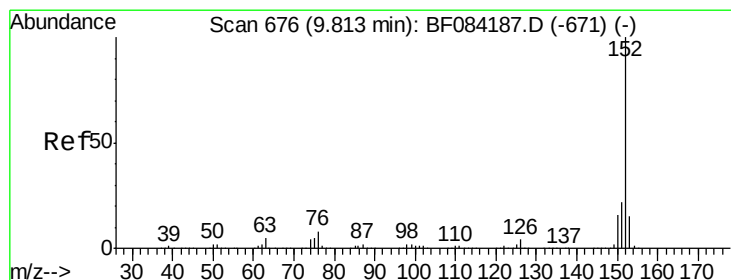
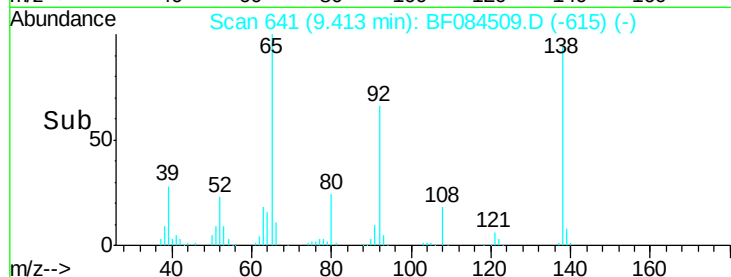
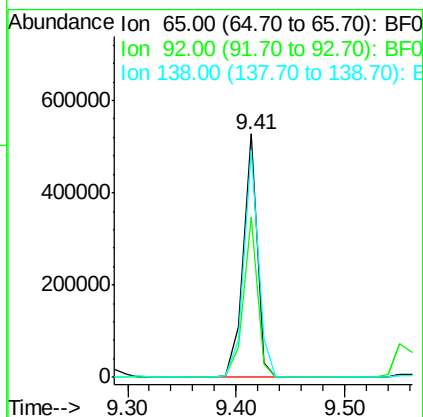
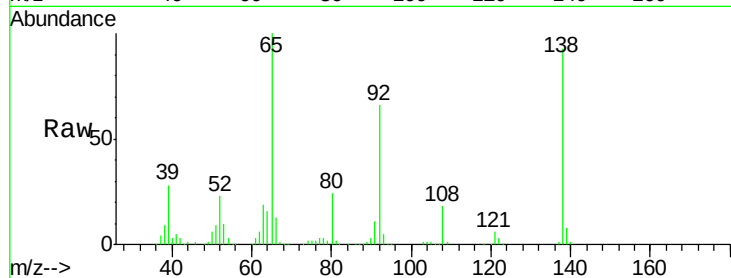




#47
2-Nitroaniline
Concen: 38.56 ng
RT: 9.41 min Scan# 641
Delta R.T. 0.00 min
Lab File: BF084509.D
Acq: 15 Jan 2016 23:45

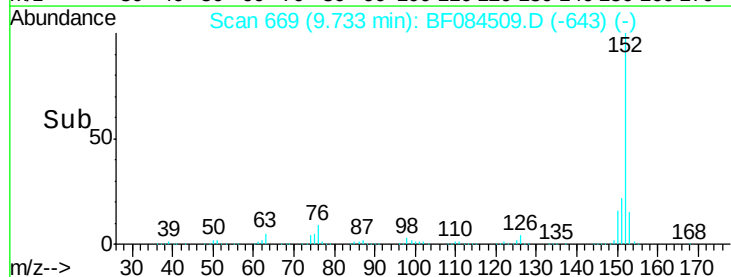
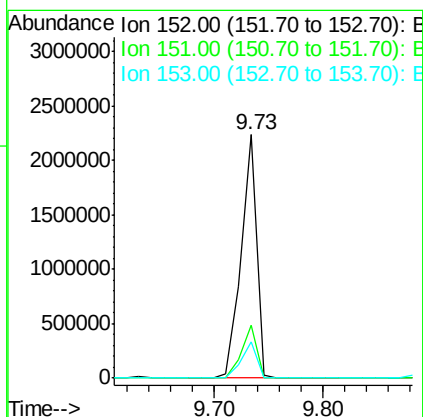
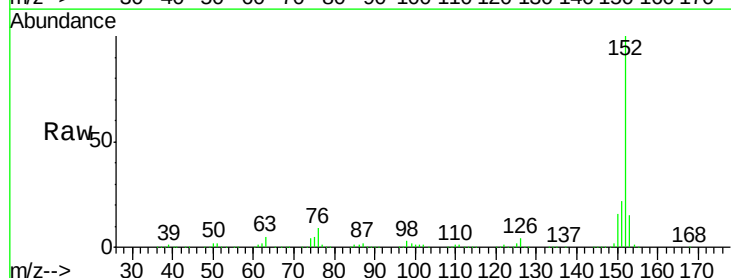
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

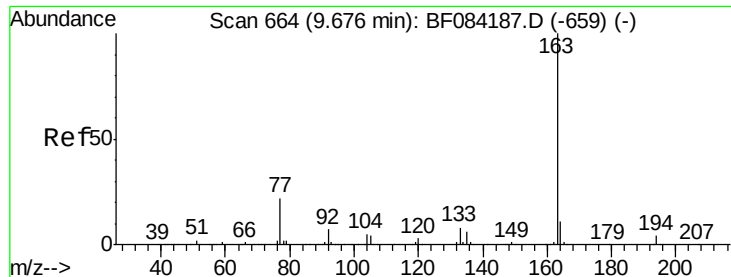
Tot Ion: 65 Resp: 463529
Ion Ratio Lower Upper
65 100
92 65.7 53.4 80.2
138 93.4 71.1 106.7



#48
Acenaphthylene
Concen: 40.07 ng
RT: 9.73 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF084509.D
Acq: 15 Jan 2016 23:45

Tgt Ion: 152 Resp: 2156219
Ion Ratio Lower Upper
152 100
151 21.7 16.3 24.5
153 15.0 10.4 15.6

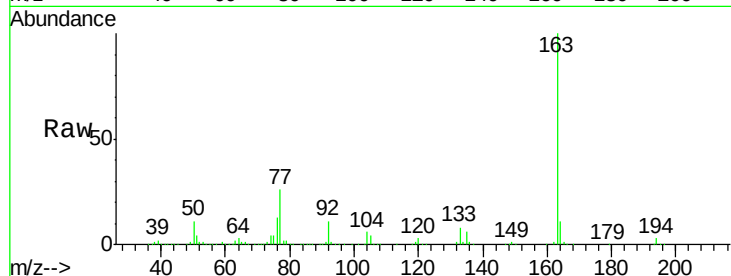




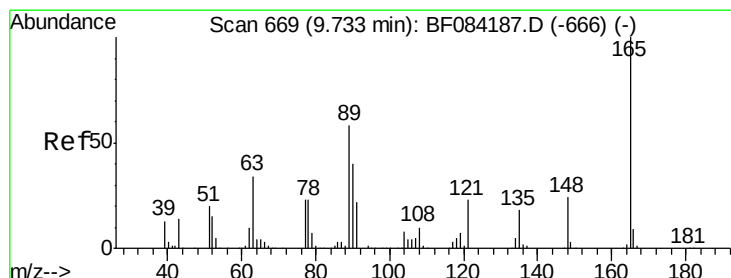
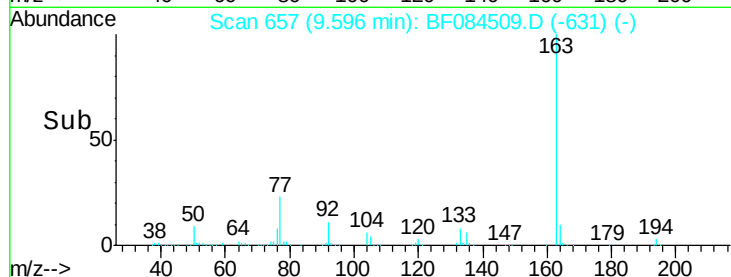
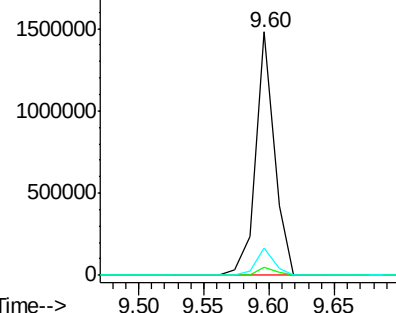
#49
Dimethylphthalate
Concen: 35.74 ng
RT: 9.60 min Scan# 657
Delta R.T. 0.00 min
Lab File: BF084509.D
Acq: 15 Jan 2016 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 1490811
Ion Ratio Lower Upper
163 100
194 3.2 8.0 12.0#
164 11.2 8.0 12.0

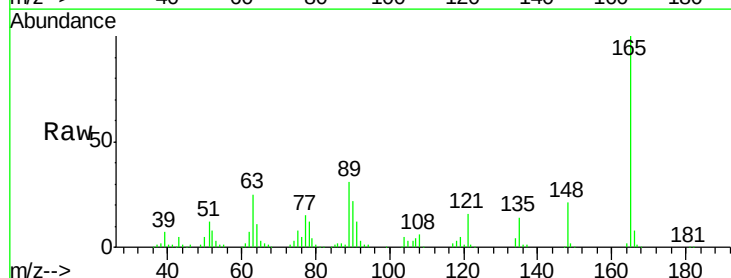


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

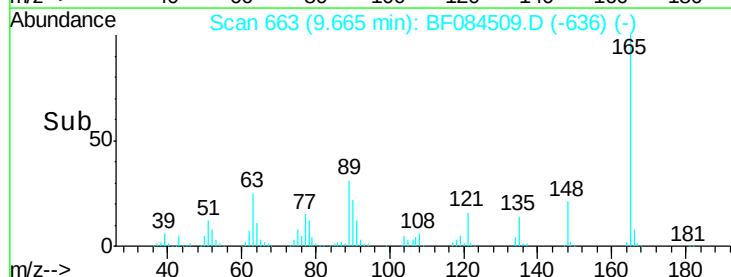
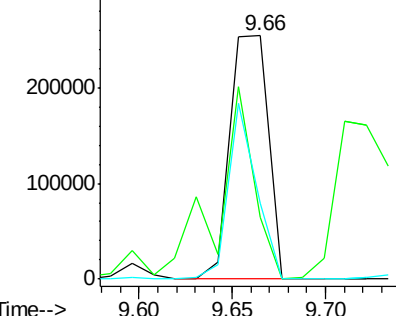


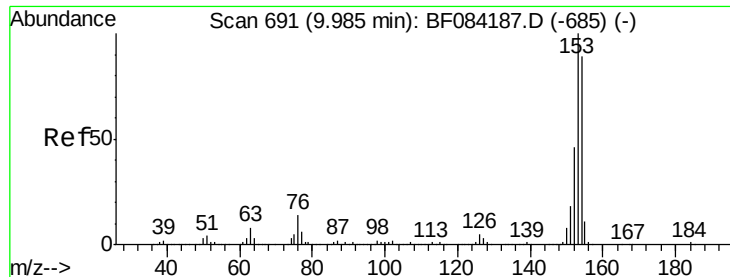
#50
2,6-Dinitrotoluene
Concen: 39.50 ng
RT: 9.66 min Scan# 663
Delta R.T. 0.01 min
Lab File: BF084509.D
Acq: 15 Jan 2016 23:45

Tgt Ion:165 Resp: 361317
Ion Ratio Lower Upper
165 100
63 25.3 28.8 43.2#
89 31.1 35.1 52.7#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.73 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF084509.D

Acq: 15 Jan 2016 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

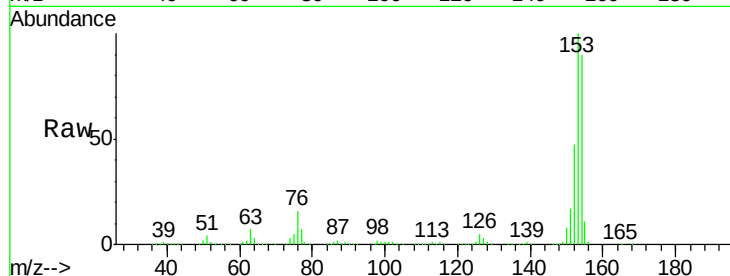
Tot Ion:154 Resp: 1433904

Ion Ratio Lower Upper

154 100

153 111.3 91.5 137.3

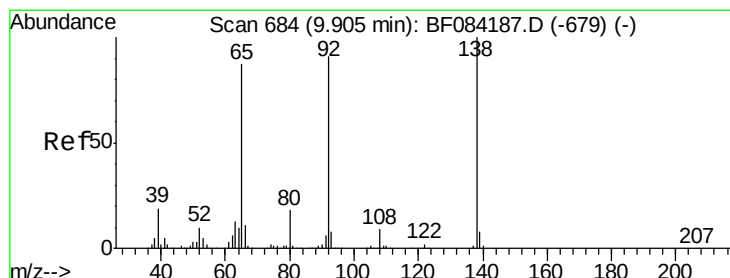
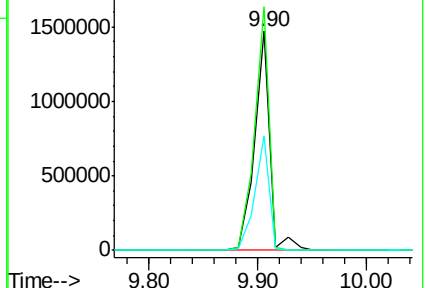
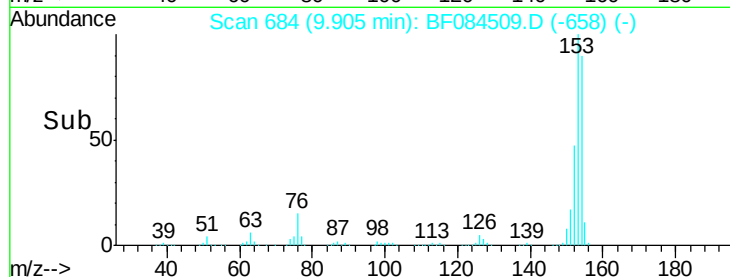
152 52.2 43.0 64.6



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: 35.01 ng

RT: 9.82 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF084509.D

Acq: 15 Jan 2016 23:45

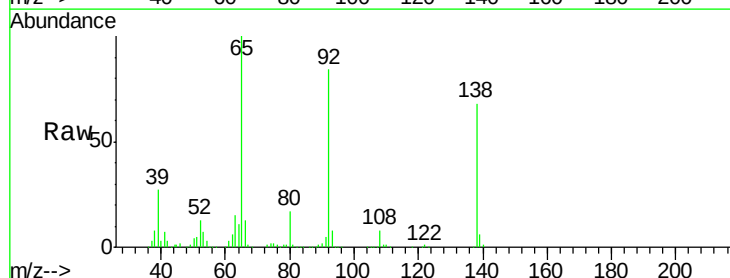
Tgt Ion:138 Resp: 396778

Ion Ratio Lower Upper

138 100

108 11.4 10.5 15.7

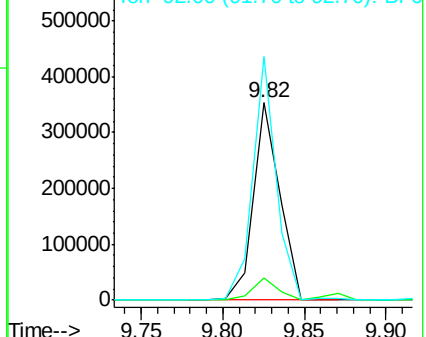
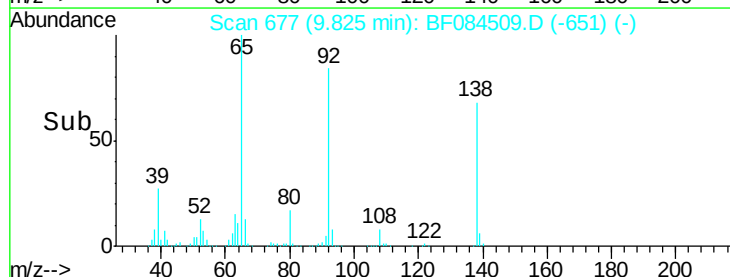
92 123.4 103.9 155.9

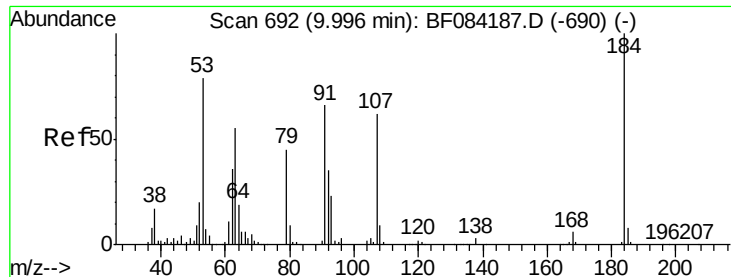


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

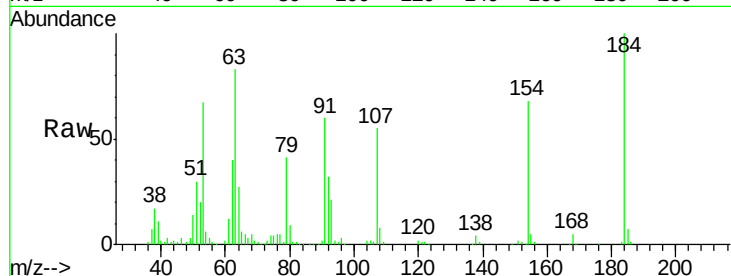




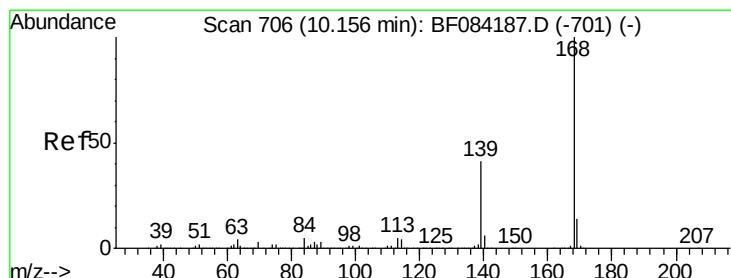
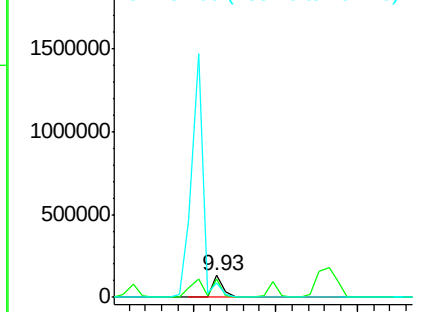
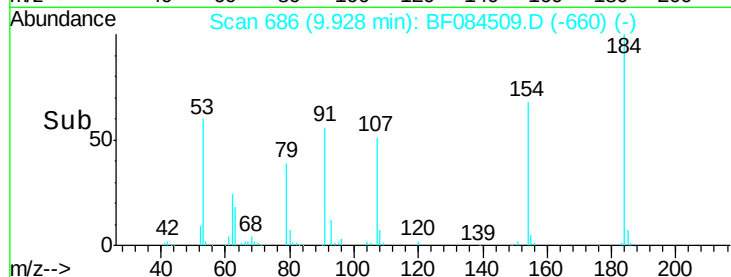
#53
2,4-Dinitrophenol
Concen: 34.64 ng
RT: 9.93 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF084509.D
Acq: 15 Jan 2016 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:184 Resp: 126766
Ion Ratio Lower Upper
184 100
63 82.9 43.1 64.7#
154 68.4 60.5 90.7

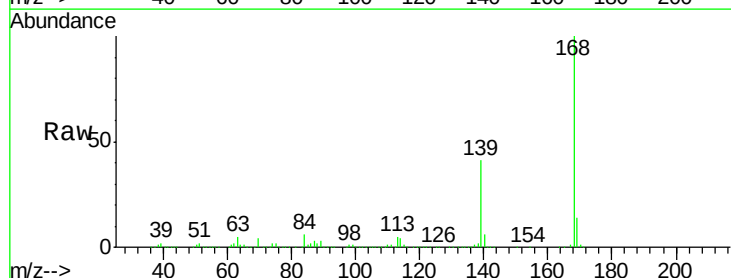


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

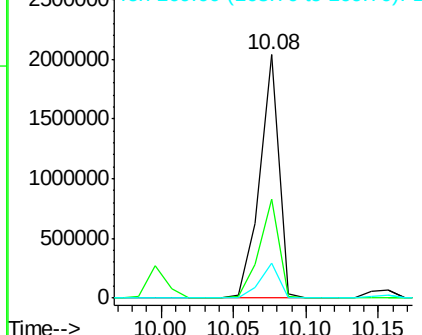
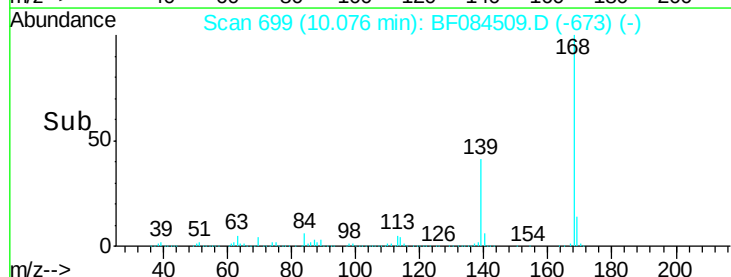


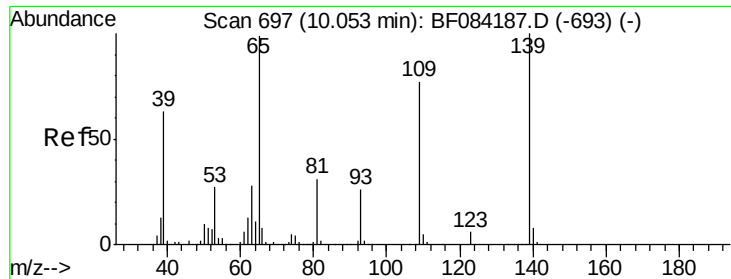
#54
Dibenzofuran
Concen: 39.58 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF084509.D
Acq: 15 Jan 2016 23:45

Tgt Ion:168 Resp: 1866829
Ion Ratio Lower Upper
168 100
139 40.8 30.5 45.7
169 14.2 10.4 15.6



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

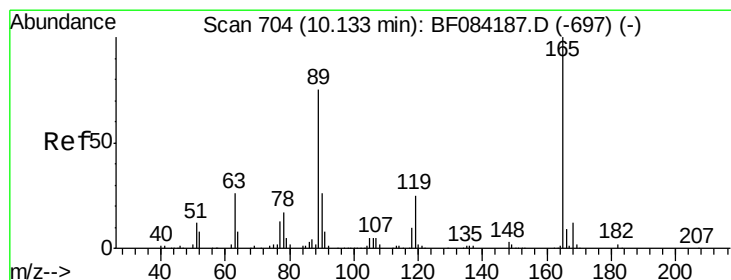
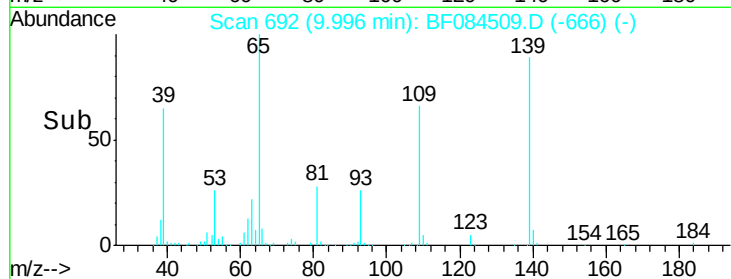
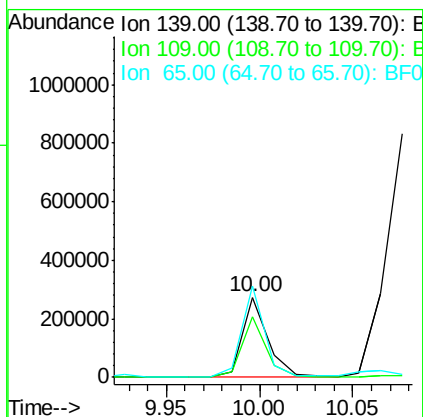
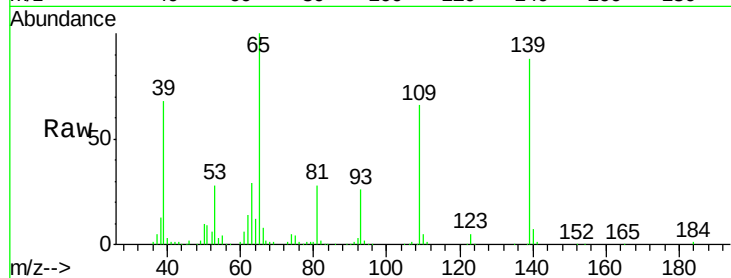




#55
4-Nitrophenol
Concen: 32.14 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF084509.D
Acq: 15 Jan 2016 23:45

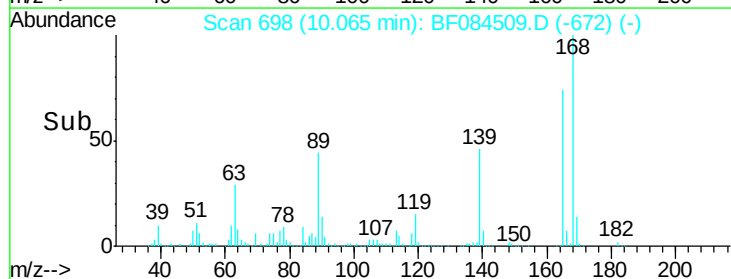
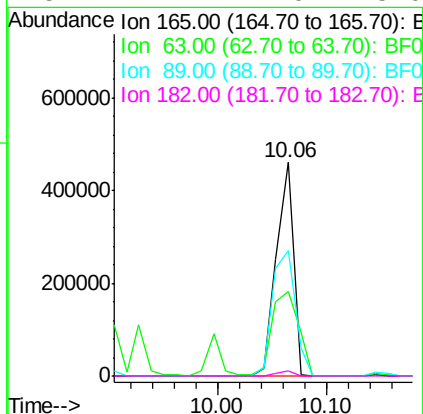
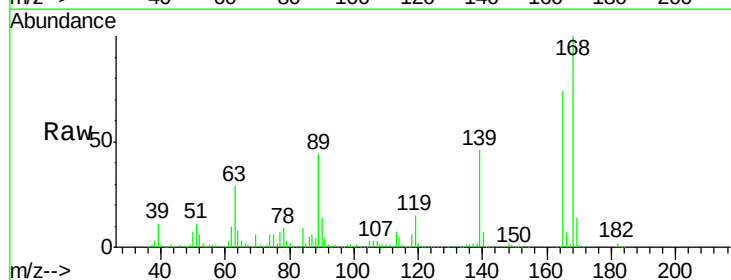
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

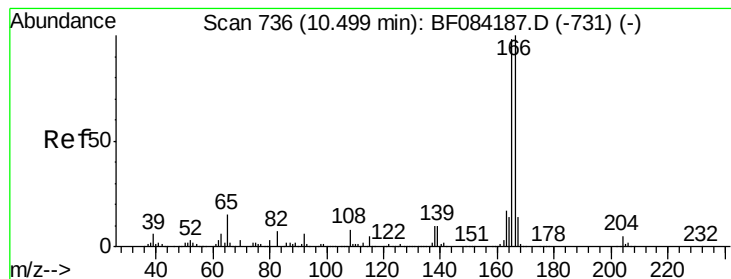
Tot Ion:139 Resp: 264477
Ion Ratio Lower Upper
139 100
109 75.0 58.5 98.5
65 113.5 57.6 97.6#



#56
2,4-Dinitrotoluene
Concen: 43.47 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF084509.D
Acq: 15 Jan 2016 23:45

Tgt Ion:165 Resp: 503264
Ion Ratio Lower Upper
165 100
63 39.5 36.7 55.1
89 58.6 61.9 92.9#
182 2.4 2.0 3.0





#57

Fluorene

Concen: 40.52 ng

RT: 10.42 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF084509.D

Acq: 15 Jan 2016 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

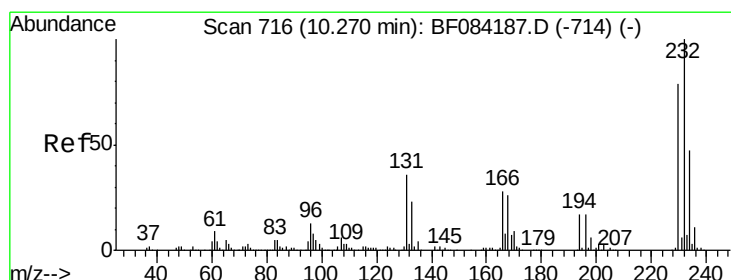
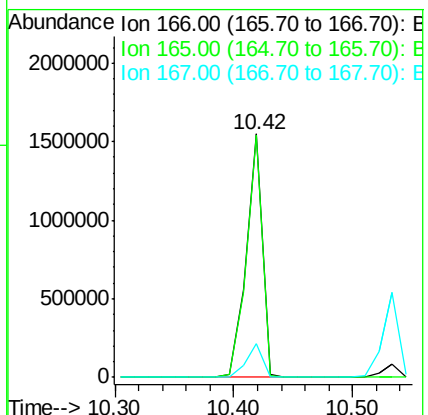
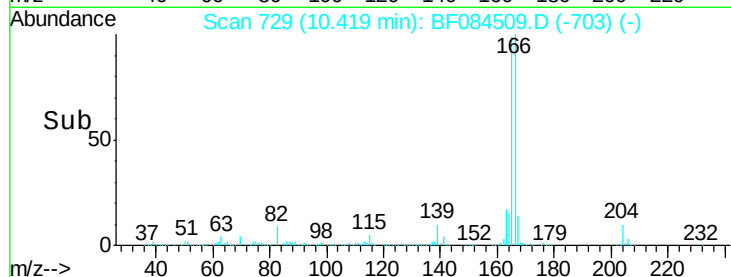
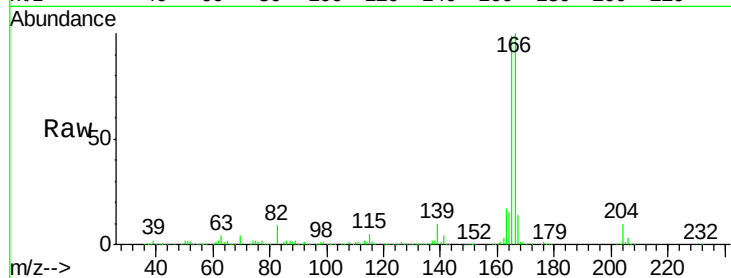
Tot Ion:166 Resp: 1473128

Ion Ratio Lower Upper

166 100

165 99.4 79.1 118.7

167 14.1 10.4 15.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.06 ng

RT: 10.19 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF084509.D

Acq: 15 Jan 2016 23:45

Tgt Ion:232 Resp: 360079

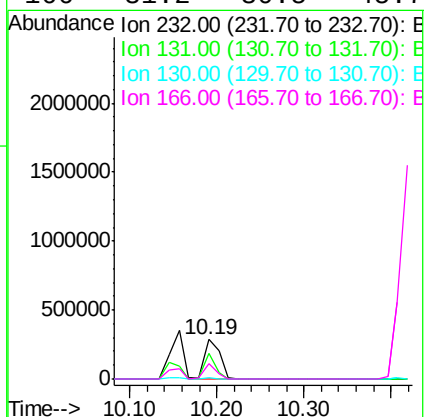
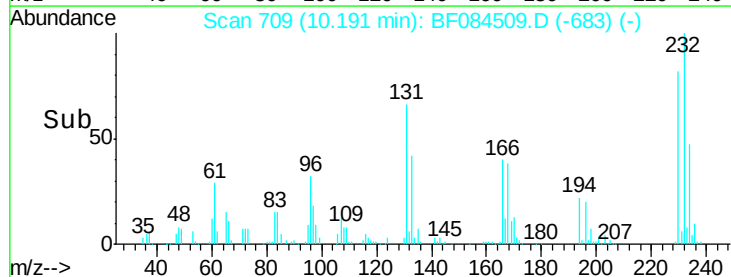
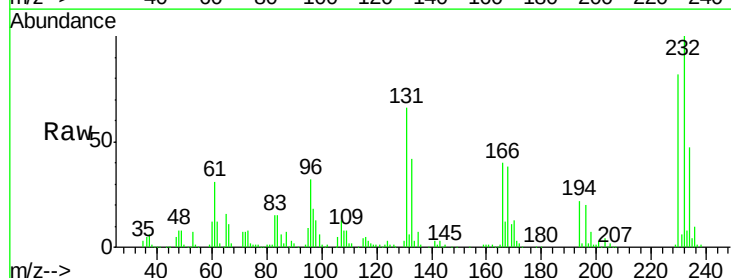
Ion Ratio Lower Upper

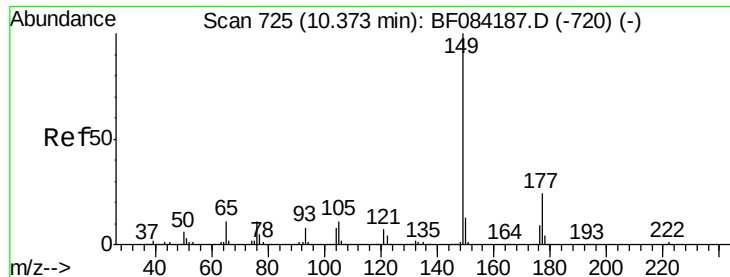
232 100

131 48.2 47.0 70.6

130 2.5 2.0 3.0

166 31.2 30.5 45.7





#59

Diethylphthalate

Concen: 35.94 ng

RT: 10.29 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF084509.D

Acq: 15 Jan 2016 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

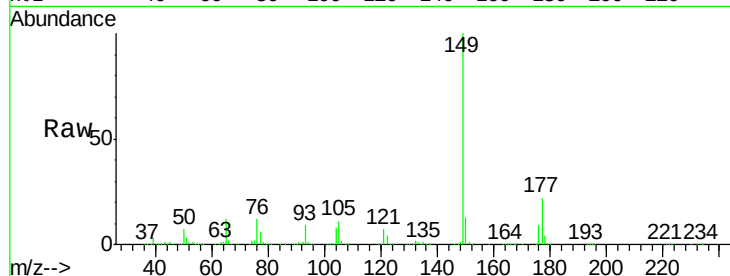
Tot Ion:149 Resp: 1477829

Ion Ratio Lower Upper

149 100

177 21.7 17.3 25.9

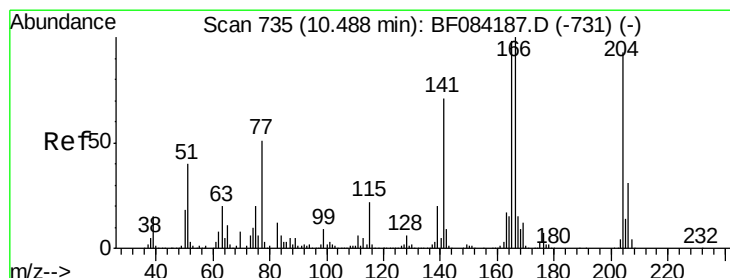
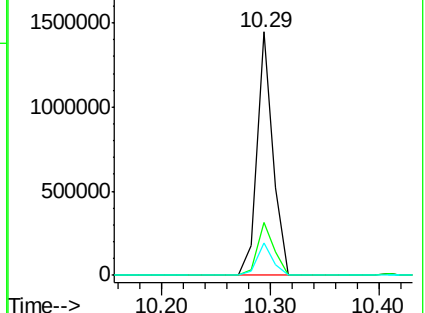
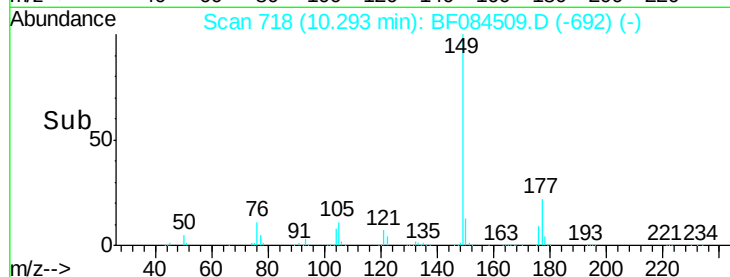
150 13.2 9.8 14.8



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: 38.03 ng

RT: 10.41 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF084509.D

Acq: 15 Jan 2016 23:45

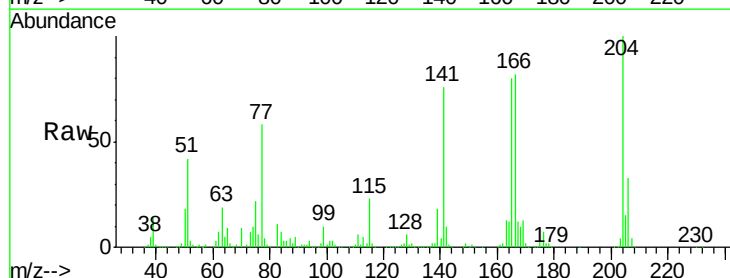
Tgt Ion:204 Resp: 598691

Ion Ratio Lower Upper

204 100

206 32.6 25.7 38.5

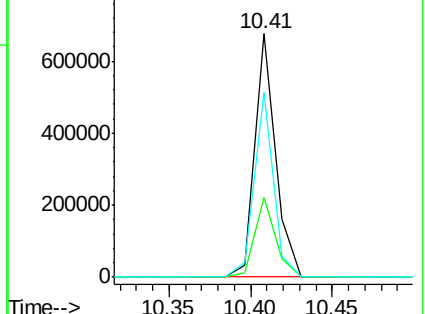
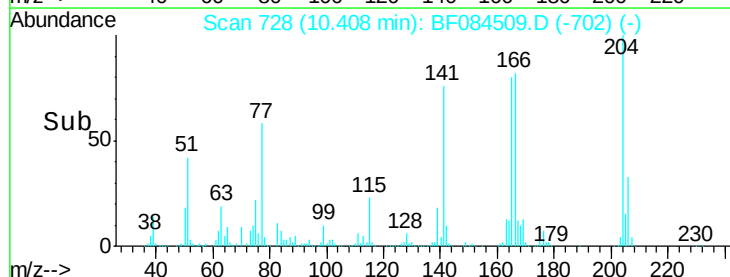
141 76.0 55.1 82.7

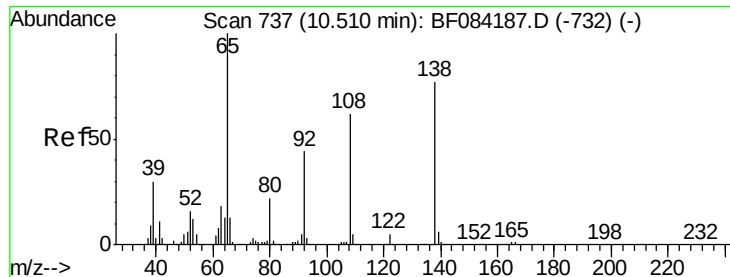


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

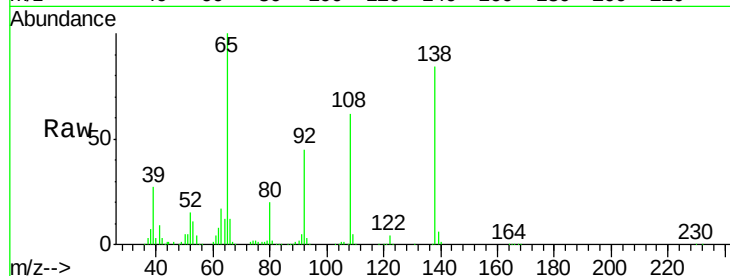




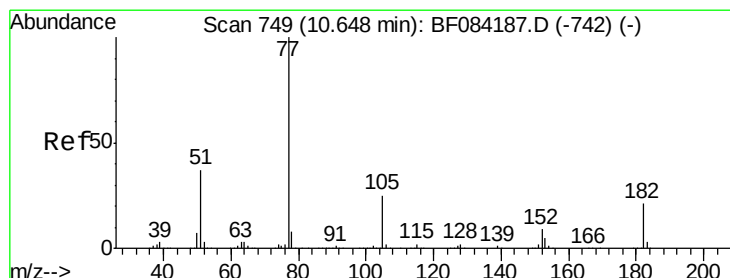
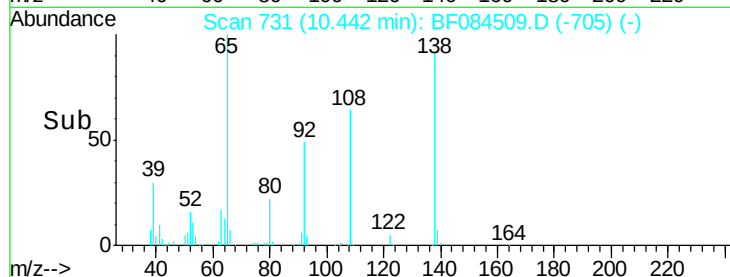
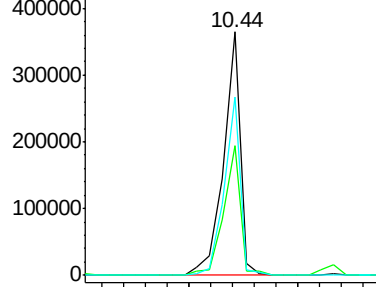
#61
4-Nitroaniline
Concen: 38.85 ng
RT: 10.44 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF084509.D
Acq: 15 Jan 2016 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 392582
Ion Ratio Lower Upper
138 100
92 53.4 32.6 72.6
108 73.5 68.6 108.6

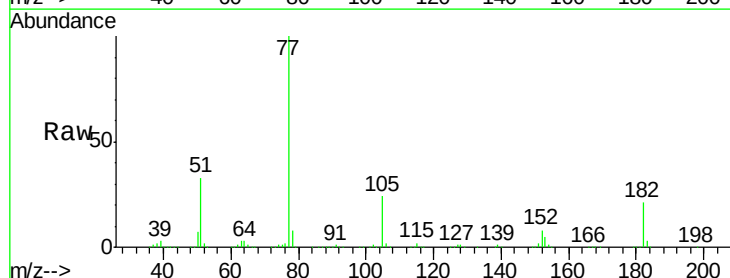


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

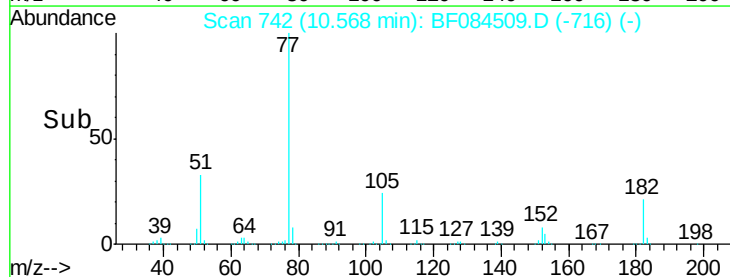
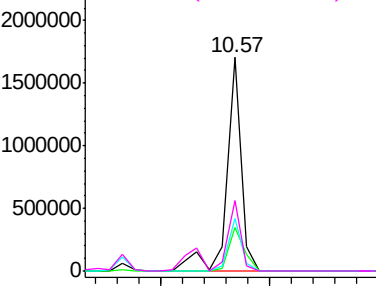


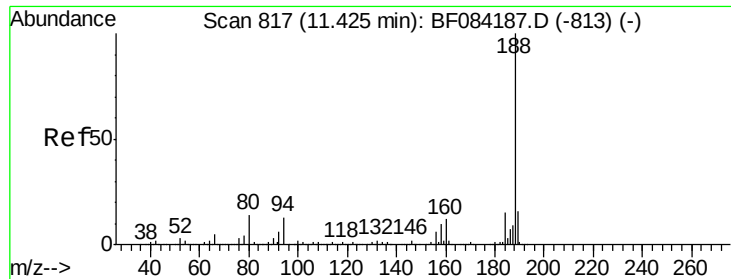
#62
Azobenzene
Concen: 35.44 ng
RT: 10.57 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF084509.D
Acq: 15 Jan 2016 23:45

Tgt Ion: 77 Resp: 1598463
Ion Ratio Lower Upper
77 100
182 20.5 8.3 48.3
105 24.3 4.6 44.6
51 33.2 6.2 46.2



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

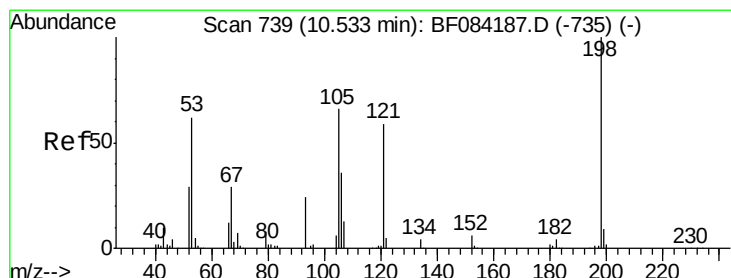
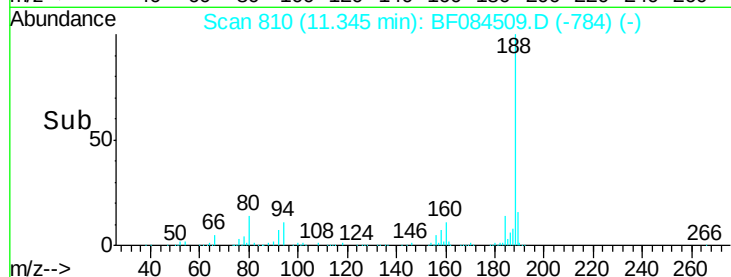
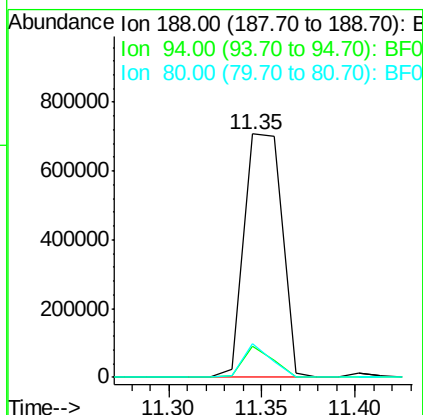
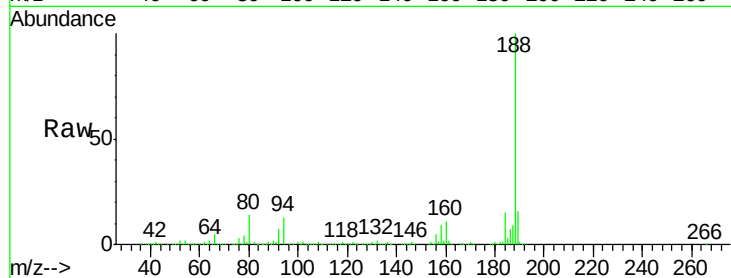




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF084509.D
Acq: 15 Jan 2016 23:45

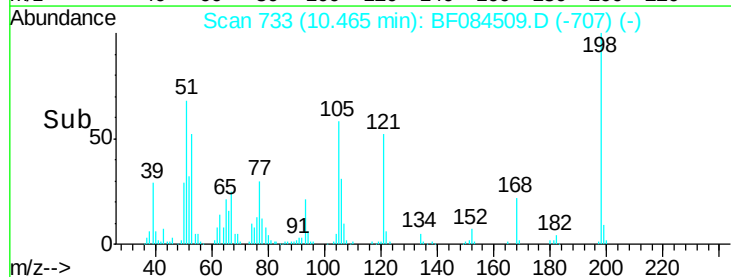
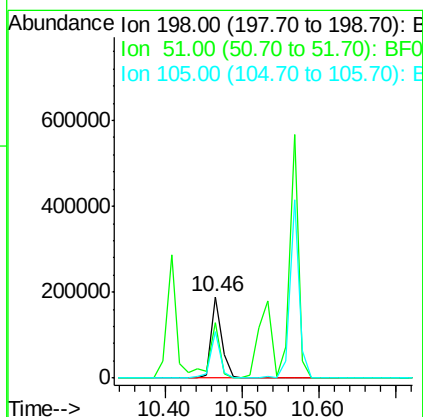
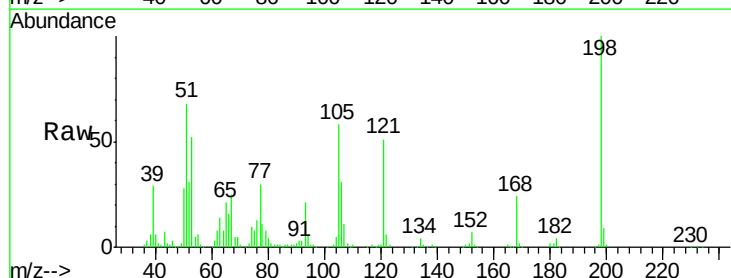
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

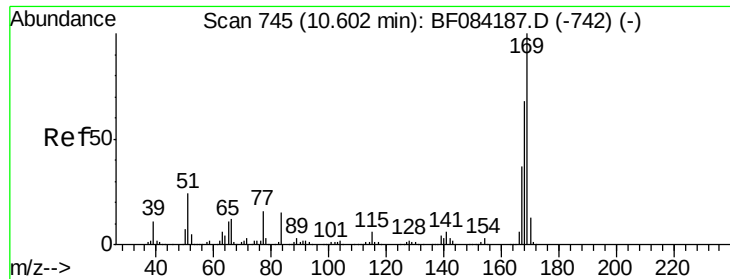
Tot Ion:188 Resp: 993179
Ion Ratio Lower Upper
188 100
94 12.6 9.0 13.4
80 14.1 9.6 14.4



#64
4,6-Dinitro-2-methylphenol
Concen: 29.99 ng
RT: 10.46 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF084509.D
Acq: 15 Jan 2016 23:45

Tgt Ion:198 Resp: 178717
Ion Ratio Lower Upper
198 100
51 68.2 18.9 58.9#
105 58.0 26.4 66.4





#65

n-Nitrosodiphenylamine

Concen: 41.58 ng

RT: 10.53 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF084509.D

Acq: 15 Jan 2016 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

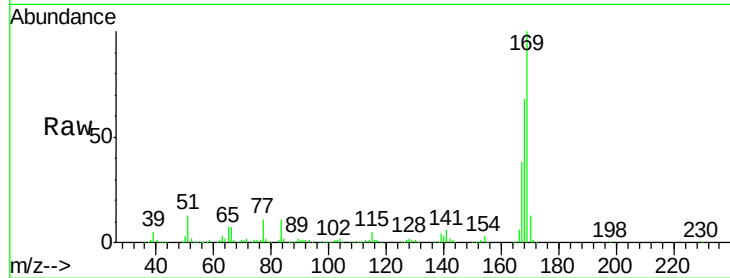
Tot Ion:169 Resp: 1320293

Ion Ratio Lower Upper

169 100

168 67.6 55.1 82.7

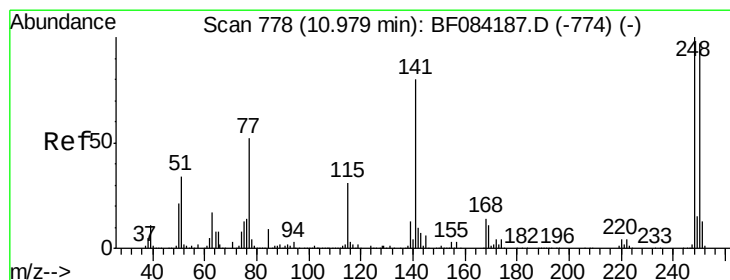
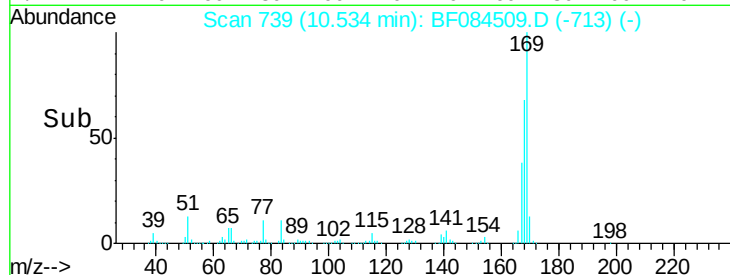
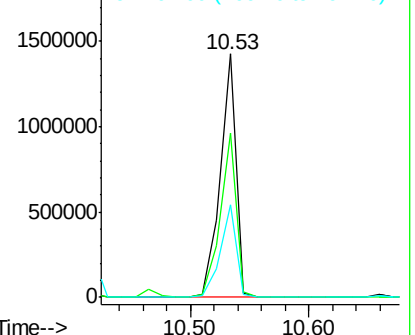
167 38.2 30.0 45.0



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: 39.38 ng

RT: 10.90 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF084509.D

Acq: 15 Jan 2016 23:45

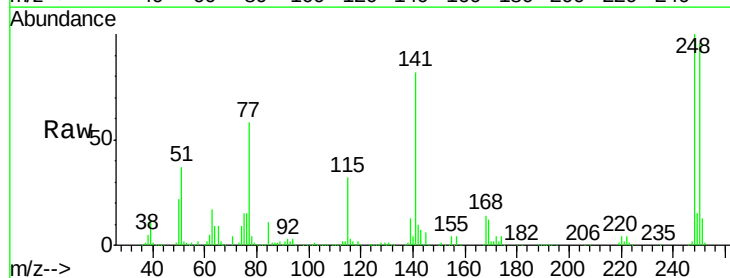
Tgt Ion:248 Resp: 420974

Ion Ratio Lower Upper

248 100

250 96.0 78.4 117.6

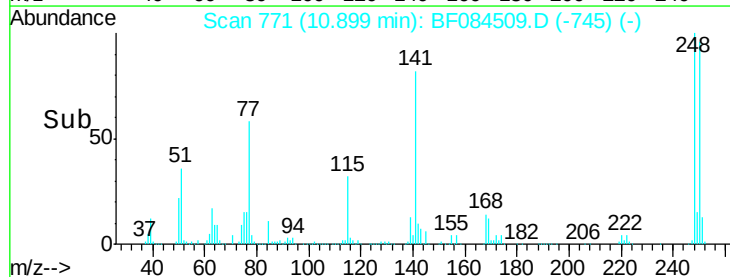
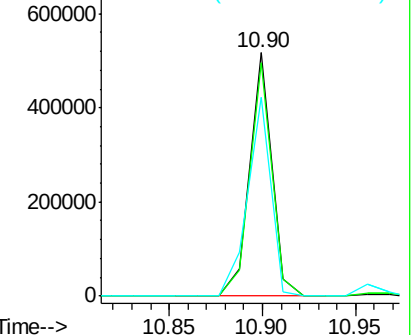
141 81.8 44.0 66.0#

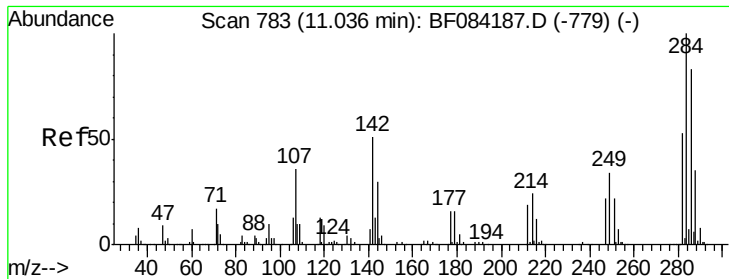


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.60 ng

RT: 10.97 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF084509.D

Acq: 15 Jan 2016 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

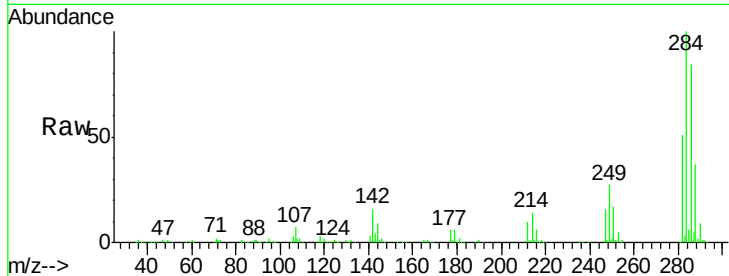
Tot Ion:284 Resp: 452368

Ion Ratio Lower Upper

284 100

142 15.5 22.2 33.4#

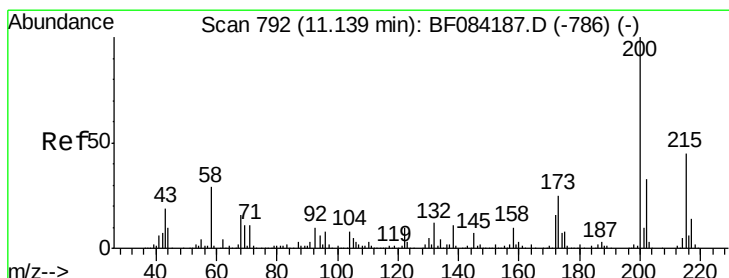
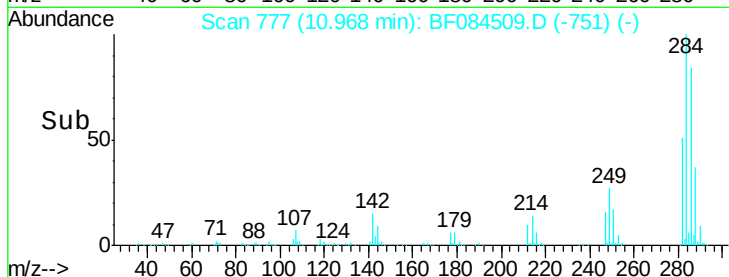
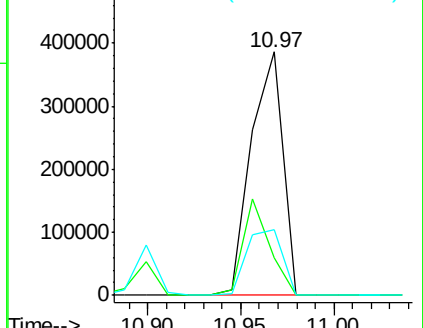
249 26.8 24.6 37.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 34.45 ng

RT: 11.06 min Scan# 785

Delta R.T. 0.00 min

Lab File: BF084509.D

Acq: 15 Jan 2016 23:45

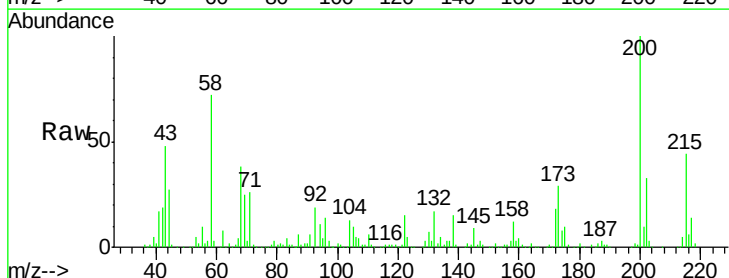
Tgt Ion:200 Resp: 358025

Ion Ratio Lower Upper

200 100

173 29.0 9.5 49.5

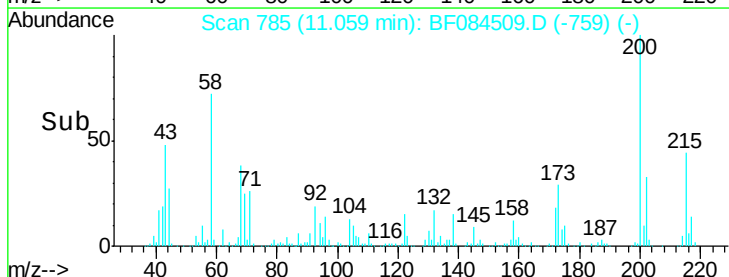
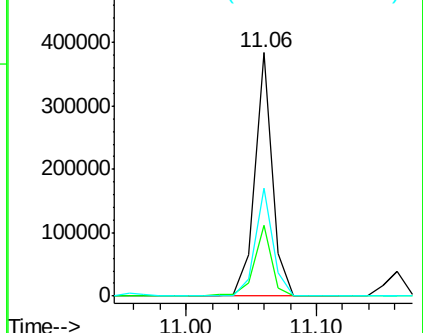
215 44.4 23.8 63.8

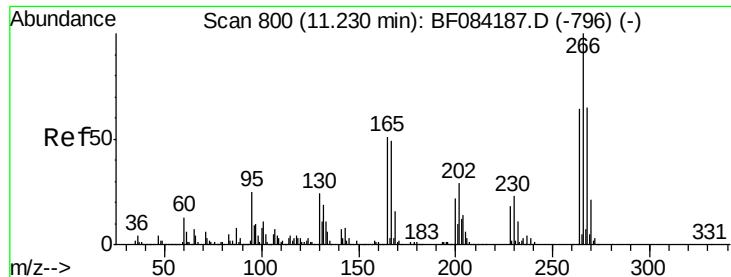


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

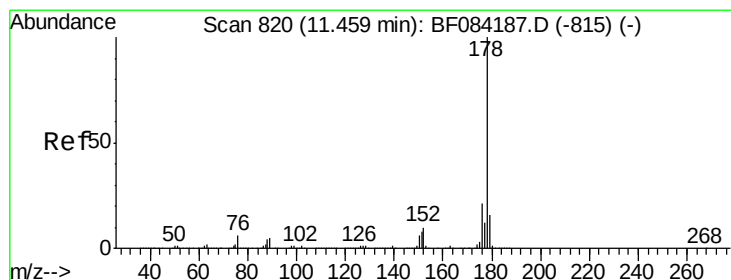
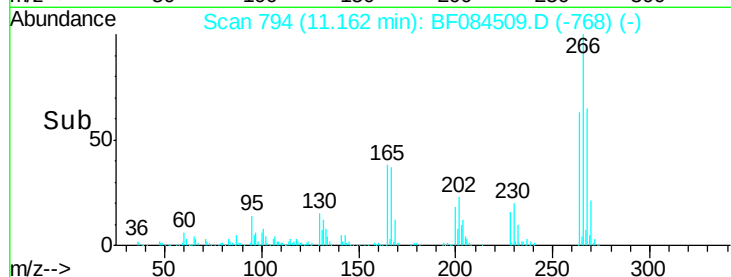
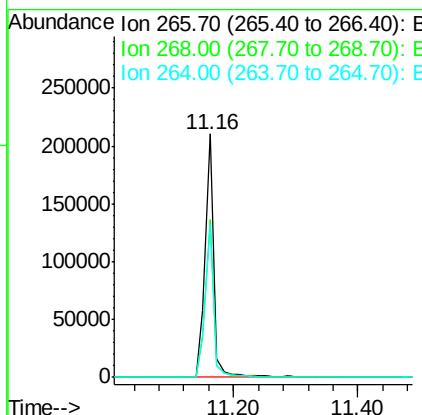
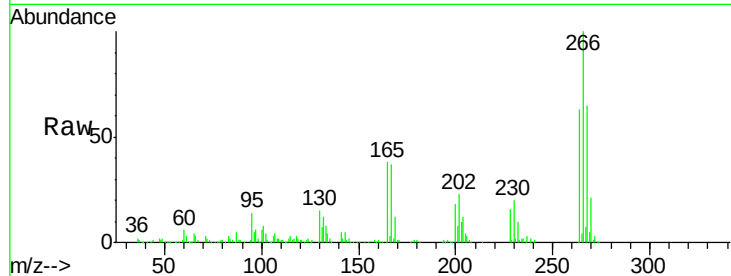




#69
 Pentachlorophenol
 Concen: 33.69 ng
 RT: 11.16 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BF084509.D
 Acq: 15 Jan 2016 23:45

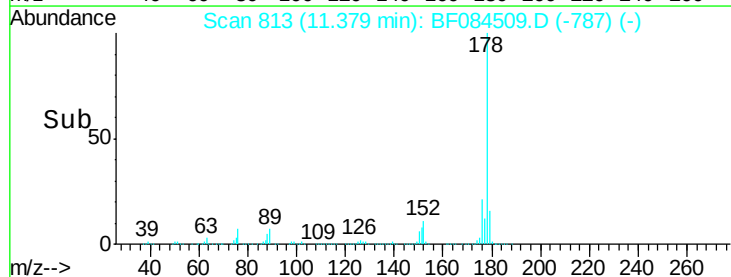
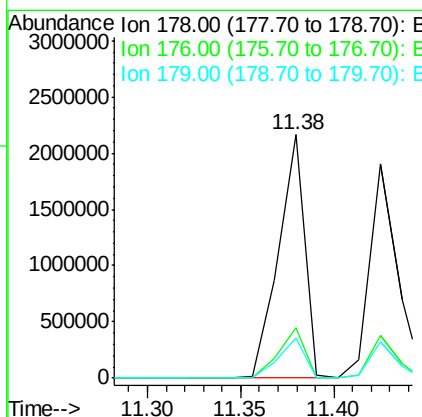
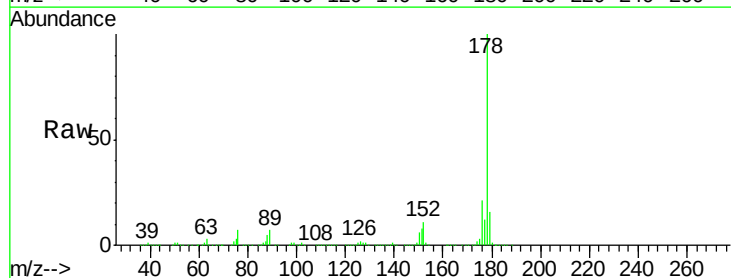
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

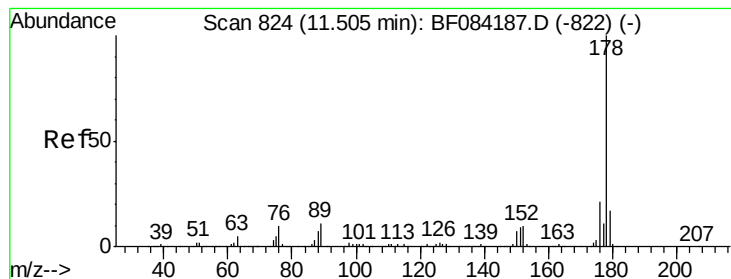
Tot Ion:266 Resp: 210170
 Ion Ratio Lower Upper
 266 100
 268 65.0 52.4 78.6
 264 62.7 50.2 75.2



#70
 Phenanthrene
 Concen: 40.81 ng
 RT: 11.38 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF084509.D
 Acq: 15 Jan 2016 23:45

Tgt Ion:178 Resp: 2120172
 Ion Ratio Lower Upper
 178 100
 176 20.6 15.3 22.9
 179 16.5 12.0 18.0





#71

Anthracene

Concen: 37.45 ng

RT: 11.43 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF084509.D

Acq: 15 Jan 2016 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

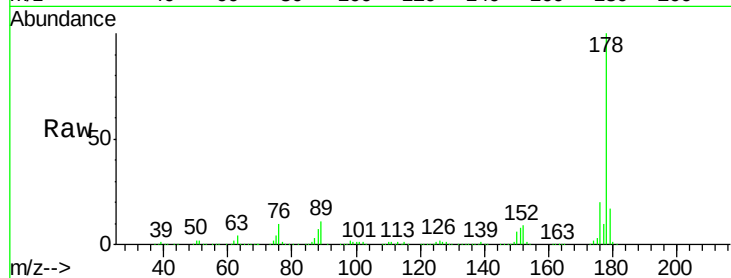
Tot Ion:178 Resp: 1906939

Ion Ratio Lower Upper

178 100

176 20.2 15.4 23.0

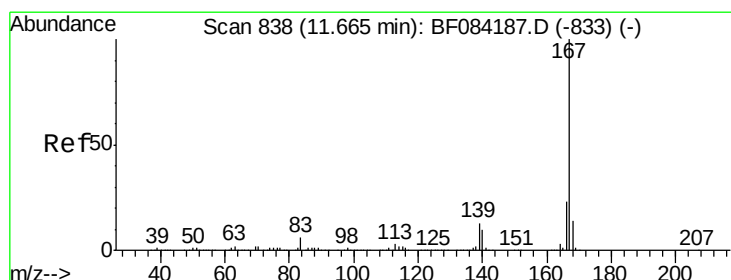
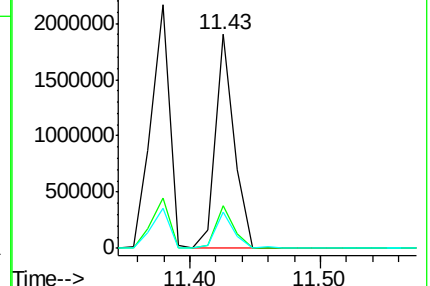
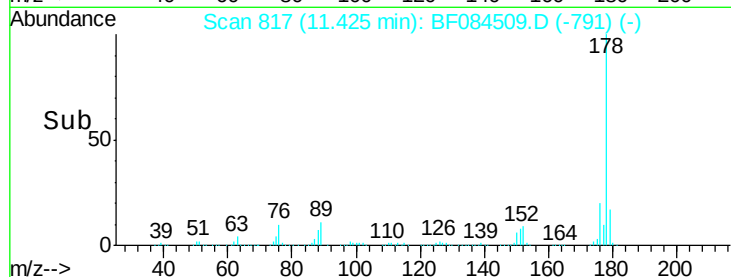
179 16.7 12.5 18.7



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: 34.22 ng

RT: 11.59 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF084509.D

Acq: 15 Jan 2016 23:45

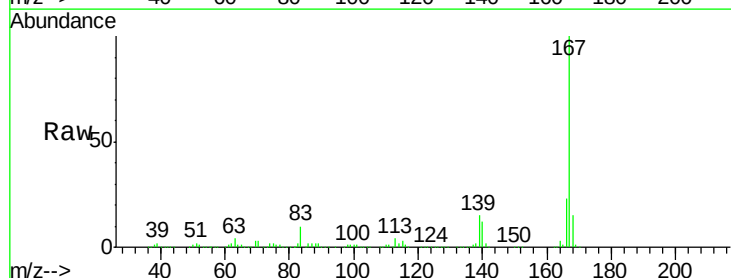
Tgt Ion:167 Resp: 1703725

Ion Ratio Lower Upper

167 100

166 23.0 17.6 26.4

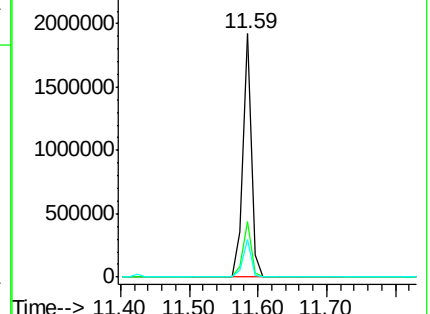
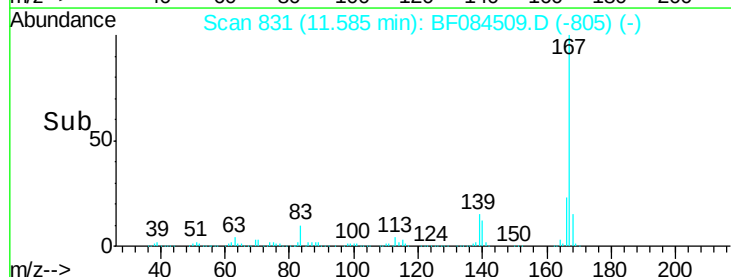
139 15.2 11.8 17.8

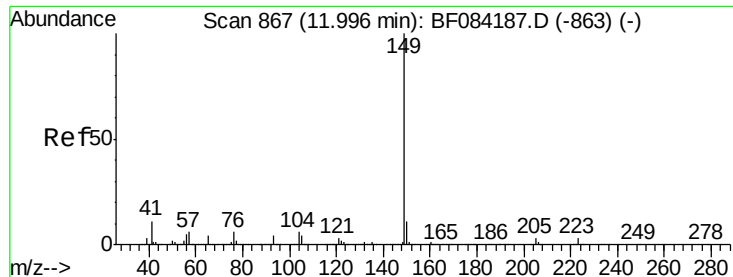


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.69 ng

RT: 11.92 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF084509.D

Acq: 15 Jan 2016 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

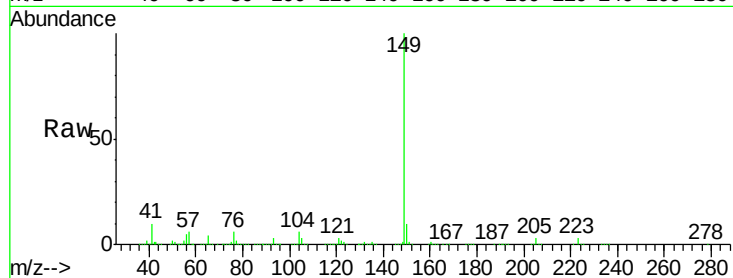
Tot Ion:149 Resp: 2124770

Ion Ratio Lower Upper

149 100

150 10.3 7.1 10.7

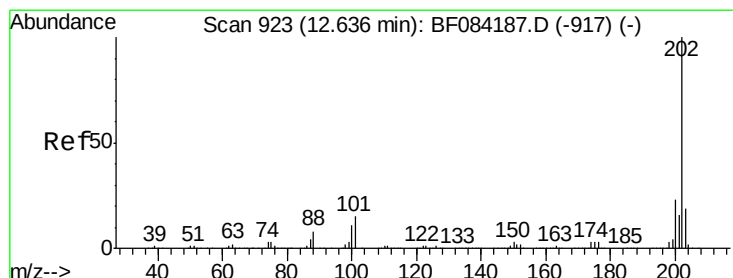
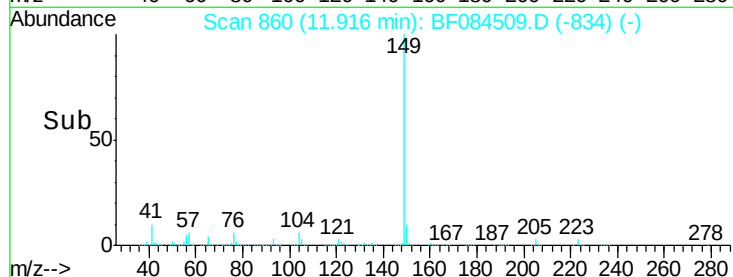
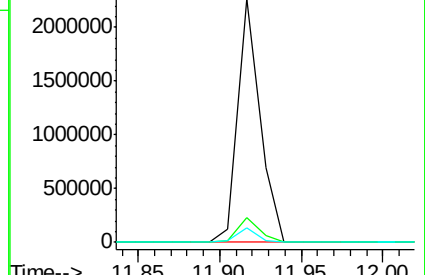
104 5.9 3.2 4.8#



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: 33.68 ng

RT: 12.56 min Scan# 916

Delta R.T. 0.00 min

Lab File: BF084509.D

Acq: 15 Jan 2016 23:45

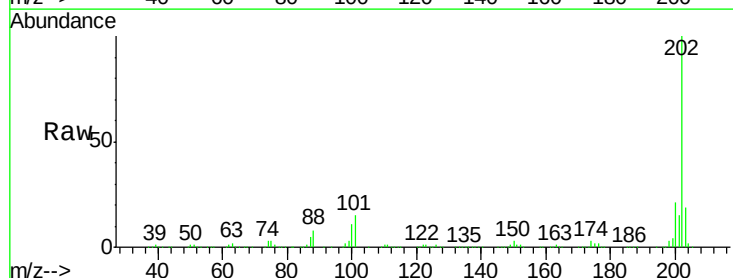
Tgt Ion:202 Resp: 1827770

Ion Ratio Lower Upper

202 100

101 15.3 0.0 32.8

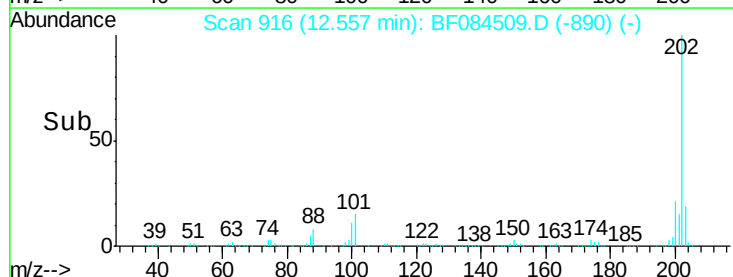
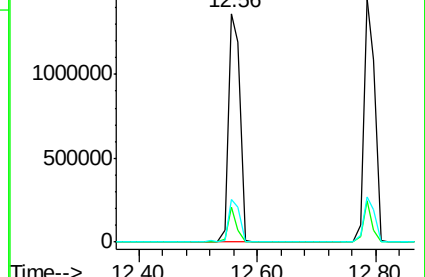
203 18.7 0.0 37.9

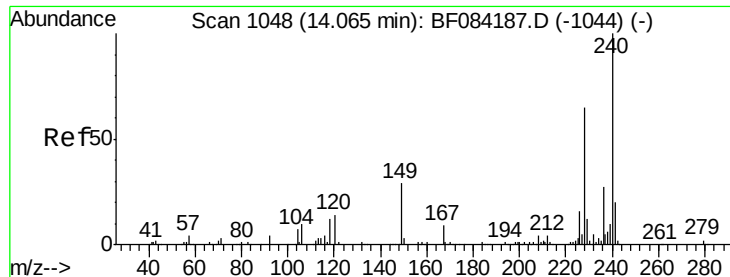


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.99 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF084509.D

Acq: 15 Jan 2016 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

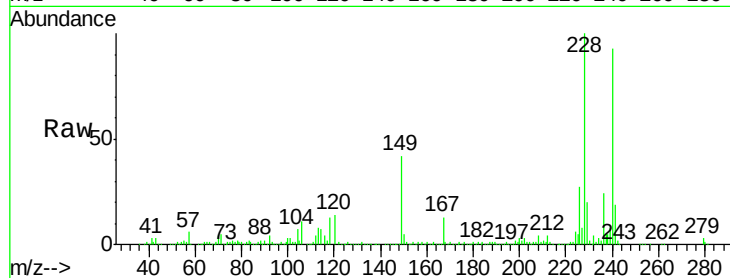
Tot Ion:240 Resp: 587968

Ion Ratio Lower Upper

240 100

120 15.5 9.5 14.3#

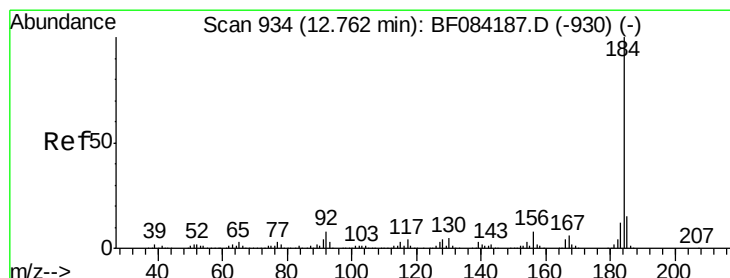
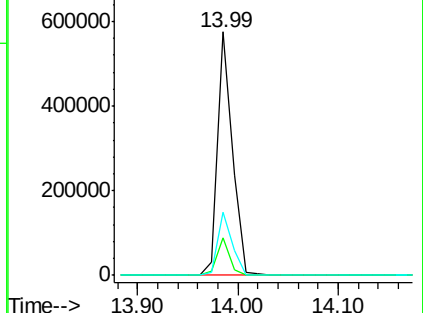
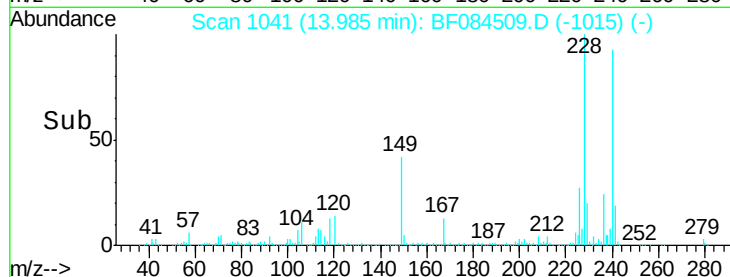
236 26.0 20.6 31.0



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: 37.70 ng

RT: 12.68 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF084509.D

Acq: 15 Jan 2016 23:45

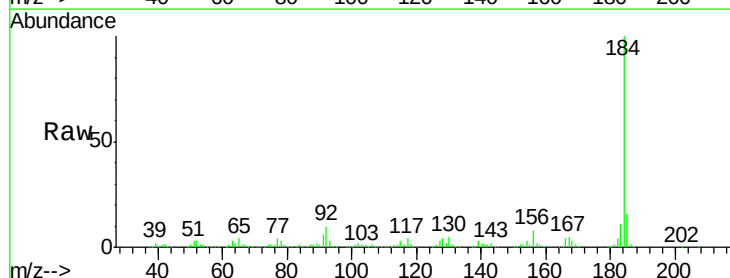
Tgt Ion:184 Resp: 794863

Ion Ratio Lower Upper

184 100

185 15.7 12.2 18.2

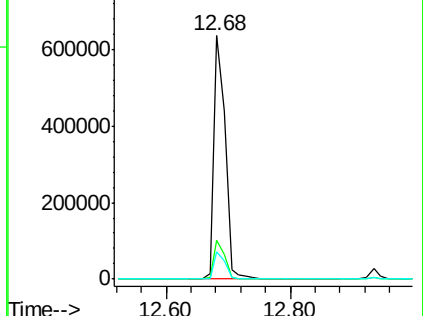
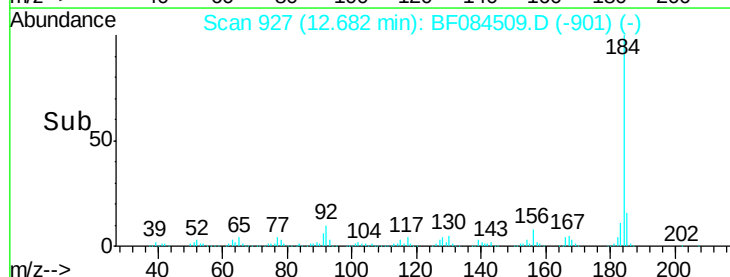
183 11.1 9.8 14.8

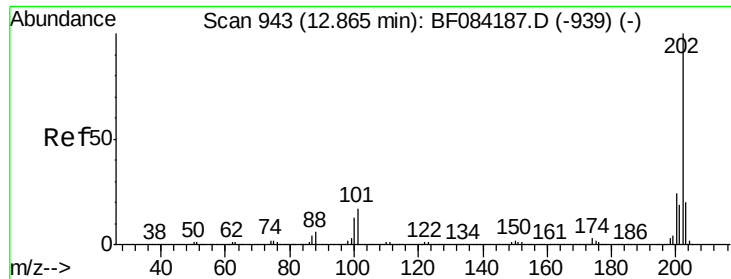


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

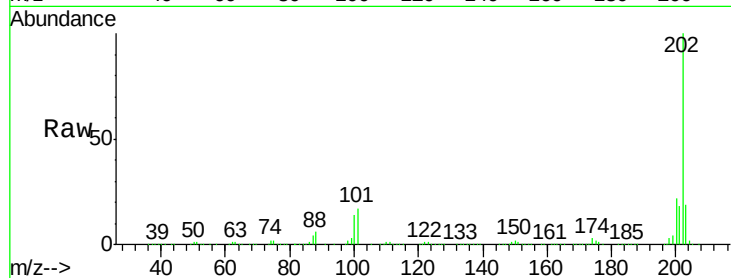




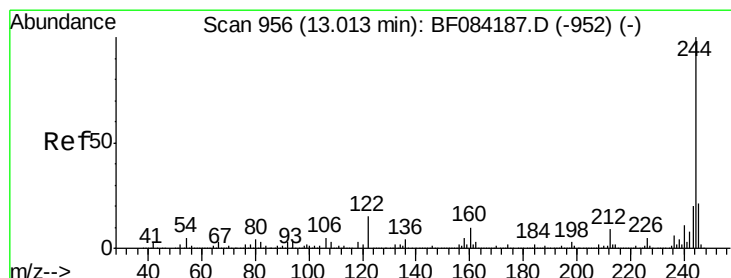
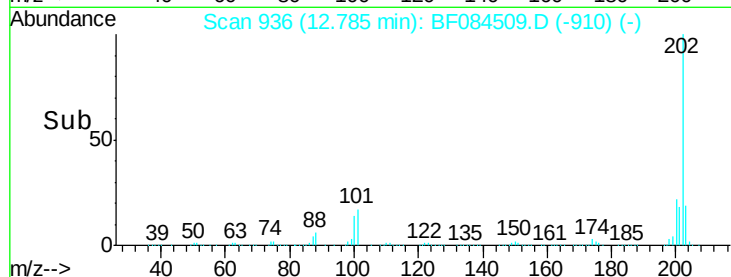
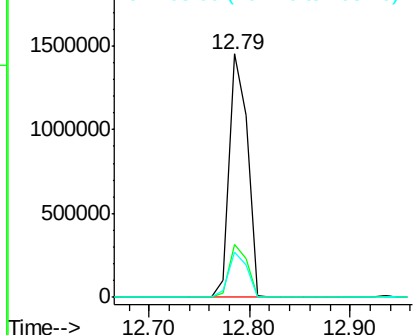
#77
Pvrene
Concen: 39.59 ng
RT: 12.79 min Scan# 936
Delta R.T. 0.00 min
Lab File: BF084509.D
Acq: 15 Jan 2016 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 1826881
Ion Ratio Lower Upper
202 100
200 21.8 17.2 25.8
203 18.6 14.3 21.5

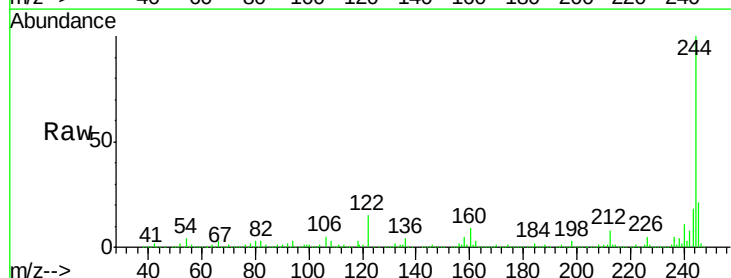


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

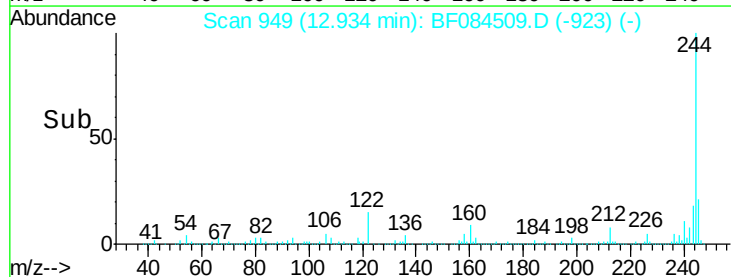
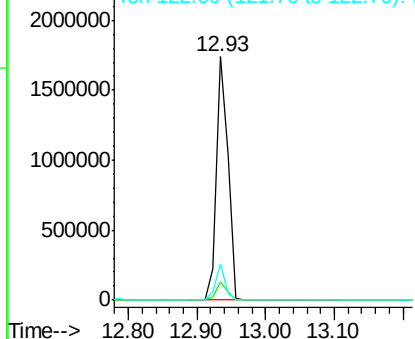


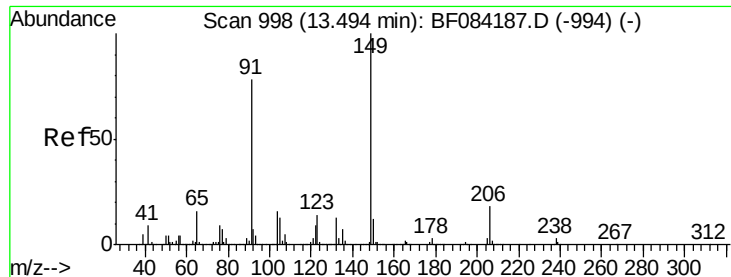
#78
Terphenyl-d14
Concen: 78.77 ng
RT: 12.93 min Scan# 949
Delta R.T. 0.00 min
Lab File: BF084509.D
Acq: 15 Jan 2016 23:45

Tgt Ion:244 Resp: 2074862
Ion Ratio Lower Upper
244 100
212 7.7 5.7 8.5
122 14.7 7.4 11.0#



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: 41.08 ng

RT: 13.41 min Scan# 991

Delta R.T. 0.00 min

Lab File: BF084509.D

Acq: 15 Jan 2016 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

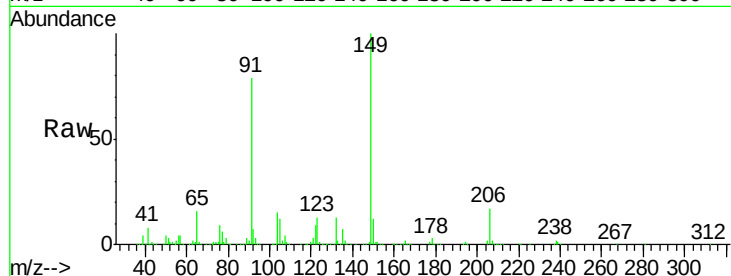
Tot Ion:149 Resp: 820123

Ion Ratio Lower Upper

149 100

91 78.8 57.6 86.4

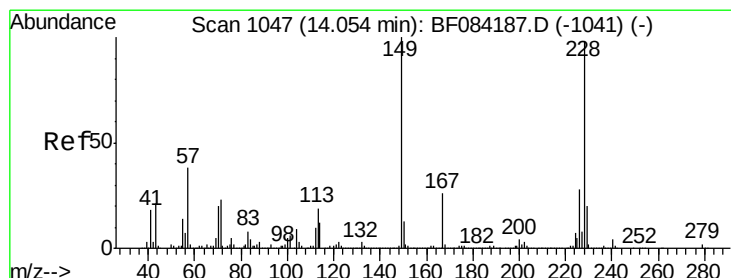
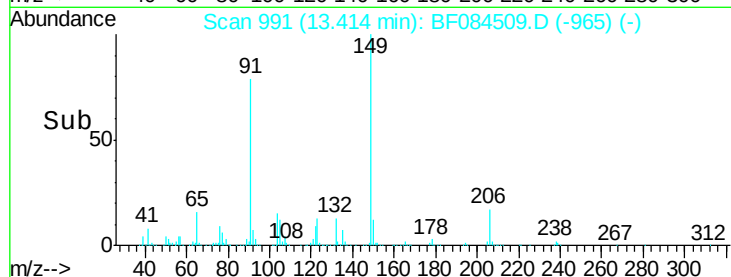
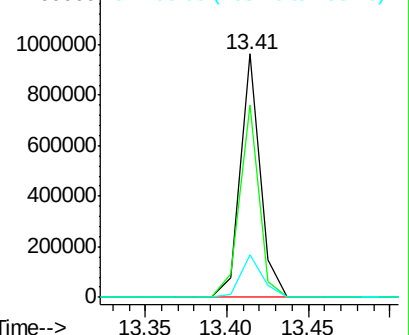
206 17.3 13.2 19.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.45 ng

RT: 13.97 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF084509.D

Acq: 15 Jan 2016 23:45

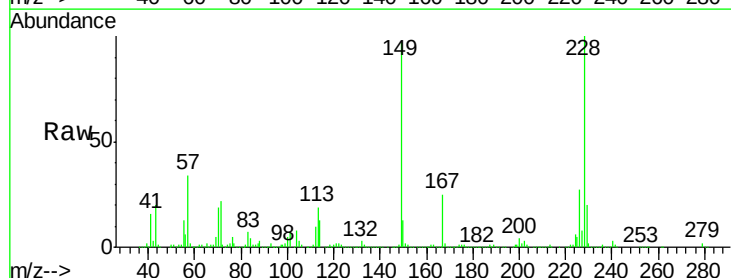
Tgt Ion:228 Resp: 1327488

Ion Ratio Lower Upper

228 100

226 27.5 21.8 32.6

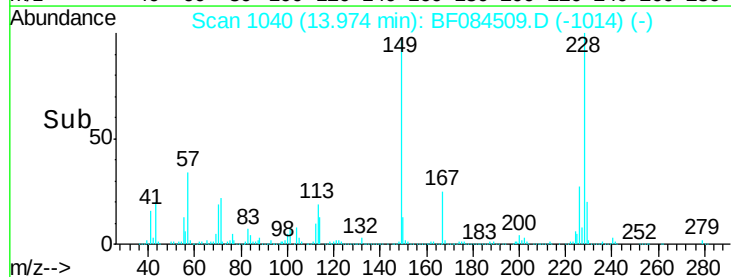
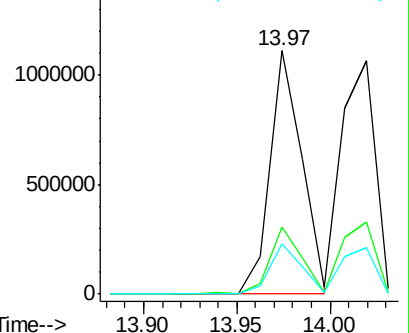
229 20.4 15.8 23.8

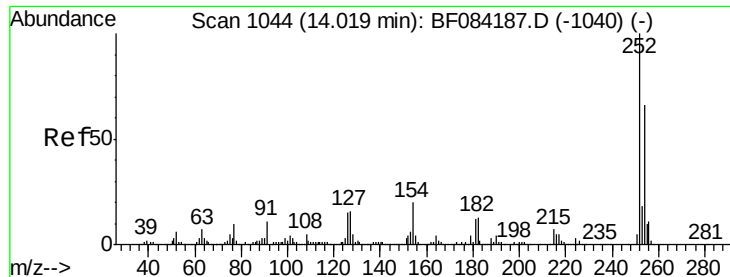


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

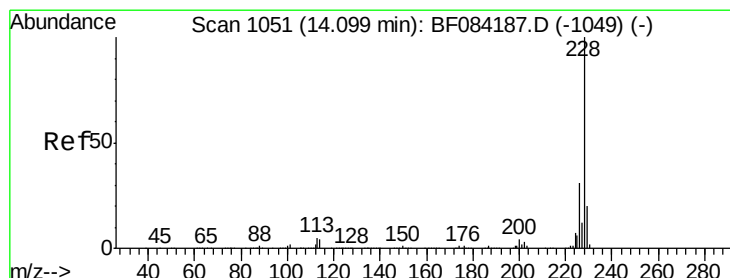
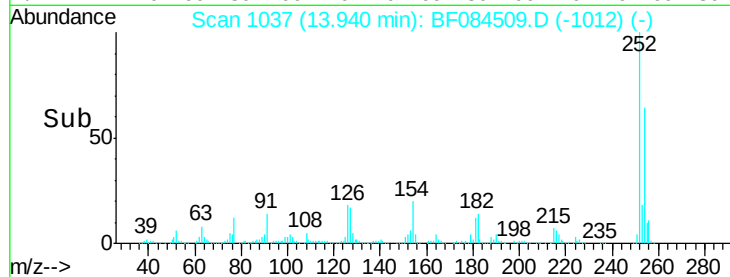
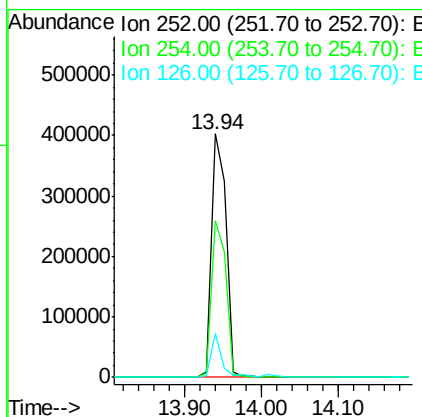
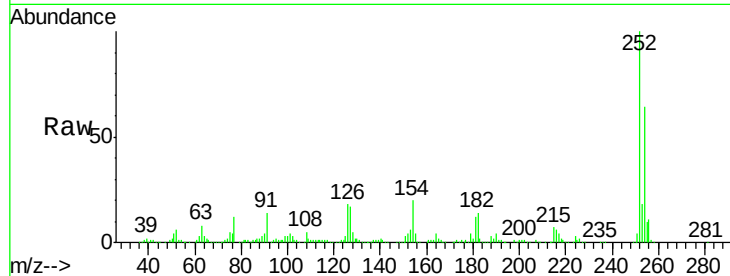




#81
 3,3'-Dichlorobenzidine
 Concen: 43.02 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF084509.D
 Acq: 15 Jan 2016 23:45

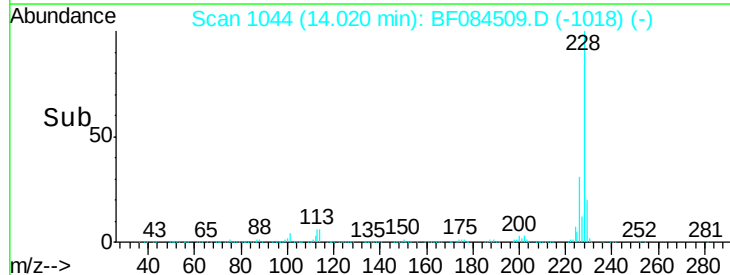
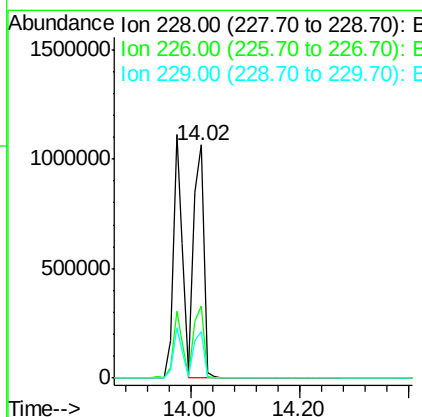
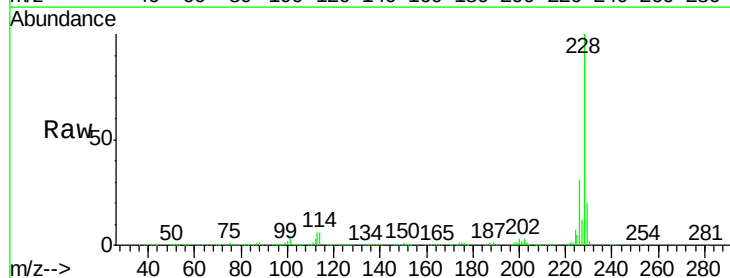
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

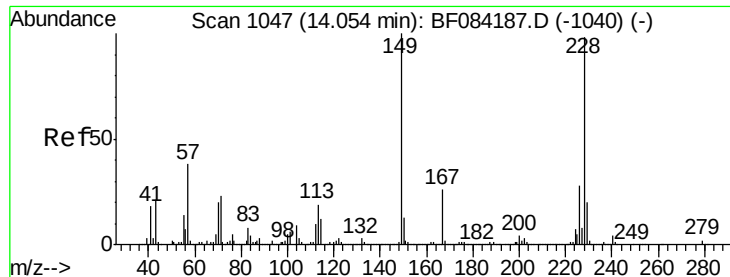
Tot Ion:252 Resp: 518344
 Ion Ratio Lower Upper
 252 100
 254 64.3 53.5 80.3
 126 18.3 4.9 7.3#



#82
 Chrysene
 Concen: 40.65 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF084509.D
 Acq: 15 Jan 2016 23:45

Tgt Ion:228 Resp: 1348648
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.3 36.5
 229 20.0 16.1 24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.91 ng

RT: 13.97 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF084509.D

Acq: 15 Jan 2016 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

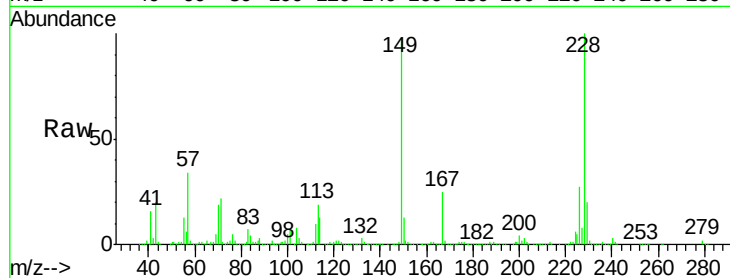
Tot Ion:149 Resp: 981494

Ion Ratio Lower Upper

149 100

167 25.7 19.7 29.5

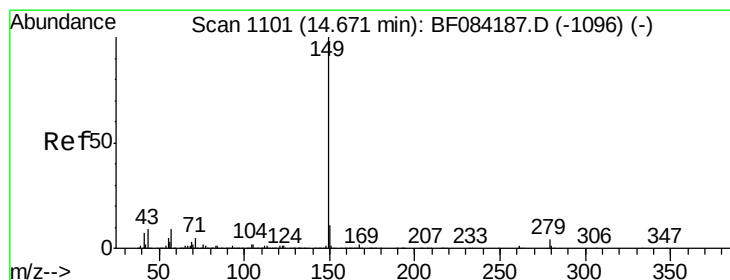
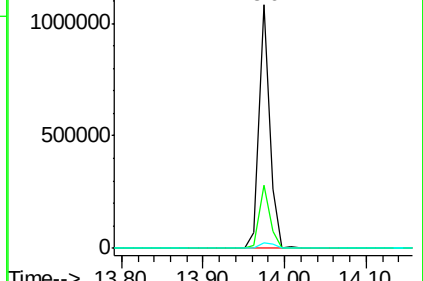
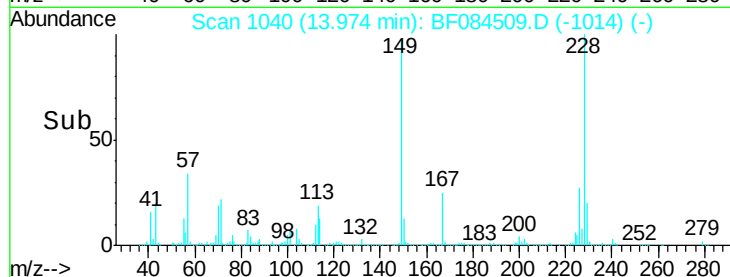
279 2.3 1.8 2.6



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: 40.51 ng

RT: 14.59 min Scan# 1094

Delta R.T. 0.00 min

Lab File: BF084509.D

Acq: 15 Jan 2016 23:45

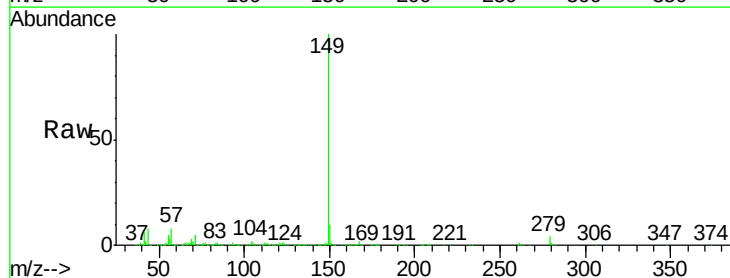
Tgt Ion:149 Resp: 1725214

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

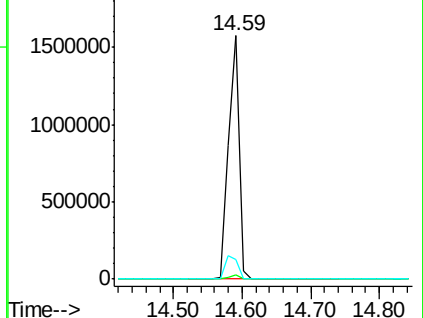
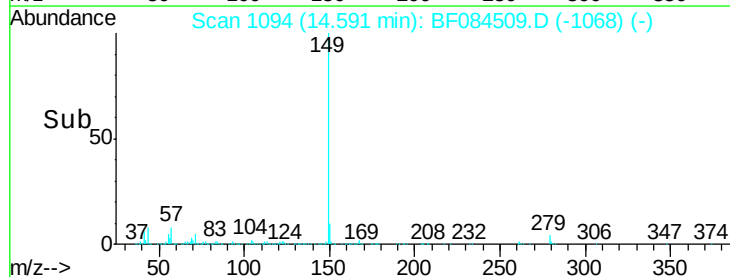
43 11.6 5.6 8.4#

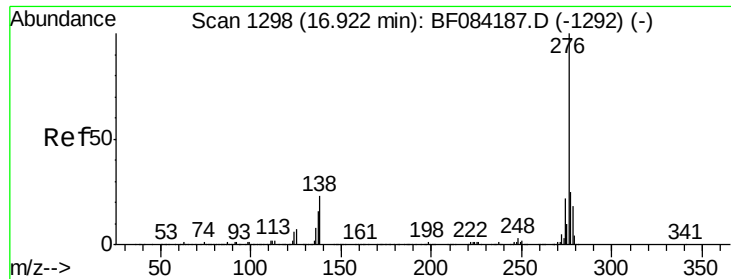


Abundance Ion 149.00 (148.70 to 149.70): E

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: 53.99 ng

RT: 16.79 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BF084509.D

Acq: 15 Jan 2016 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

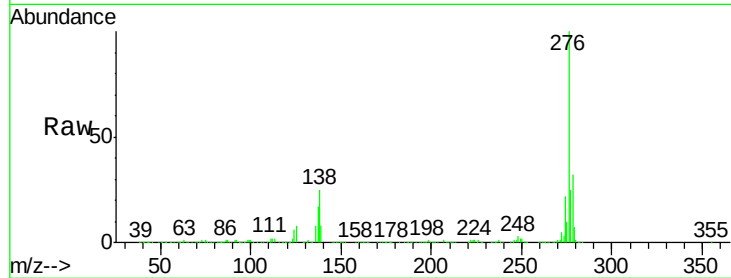
Tot Ion:276 Resp: 1419879

Ion Ratio Lower Upper

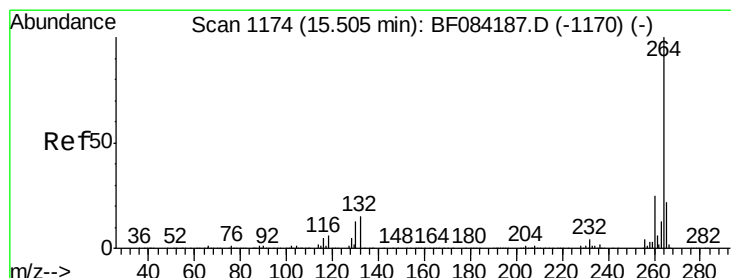
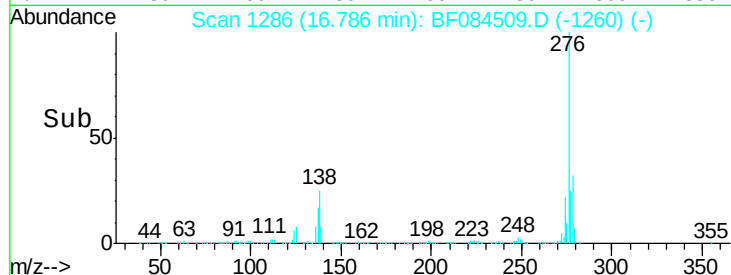
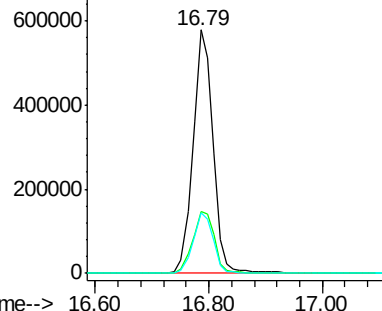
276 100

138 27.9 20.6 30.8

277 25.3 20.1 30.1



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.40 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BF084509.D

Acq: 15 Jan 2016 23:45

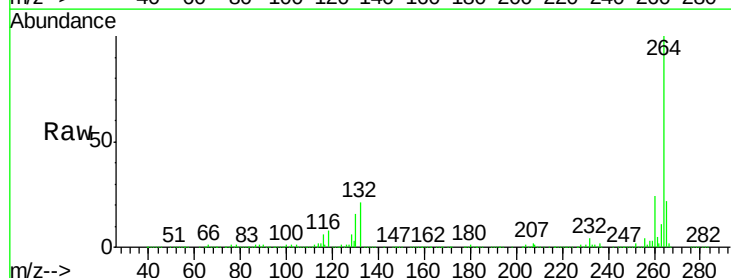
Tgt Ion:264 Resp: 608833

Ion Ratio Lower Upper

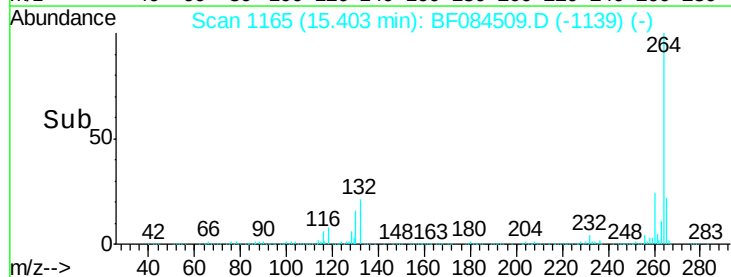
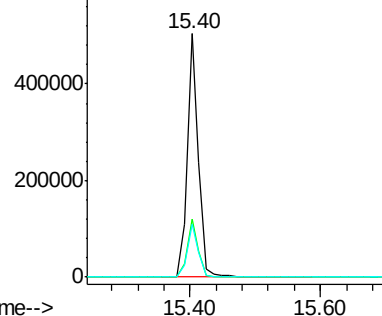
264 100

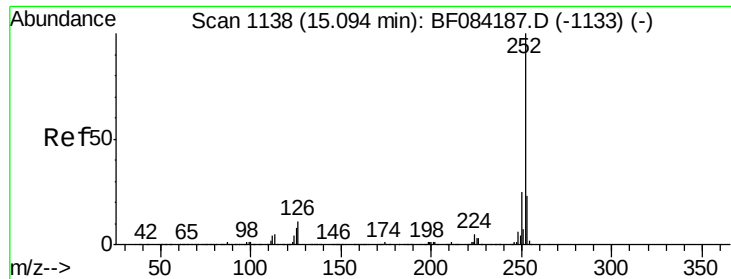
260 23.9 19.4 29.2

265 21.8 17.8 26.6



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

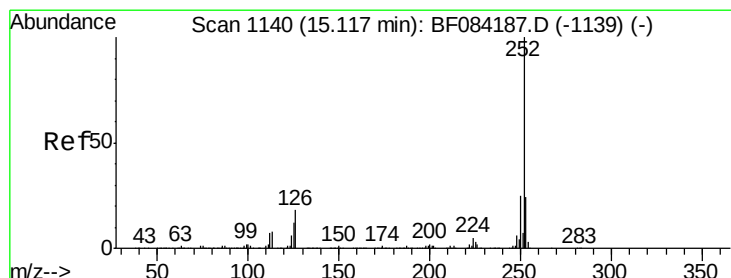
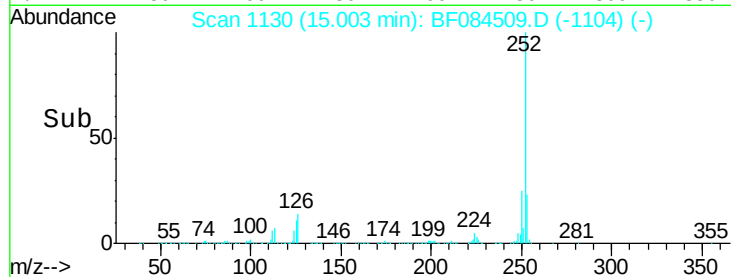
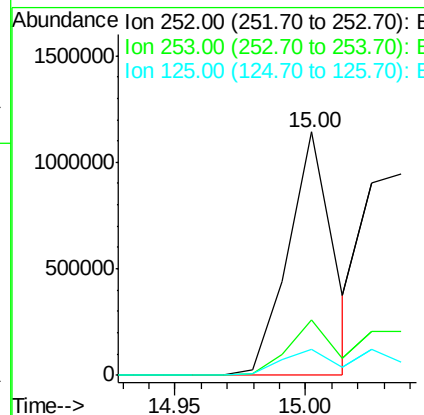
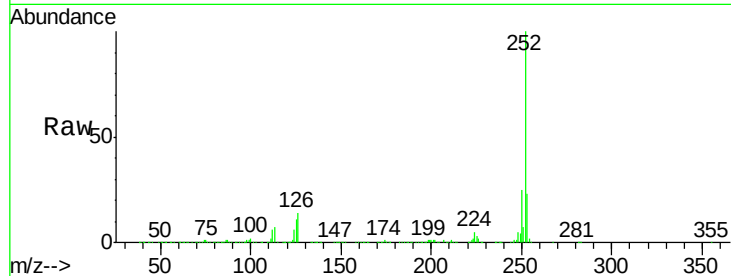




#87
Benzo(b)fluoranthene
Concen: 34.13 ng
RT: 15.00 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF084509.D
Acq: 15 Jan 2016 23:45

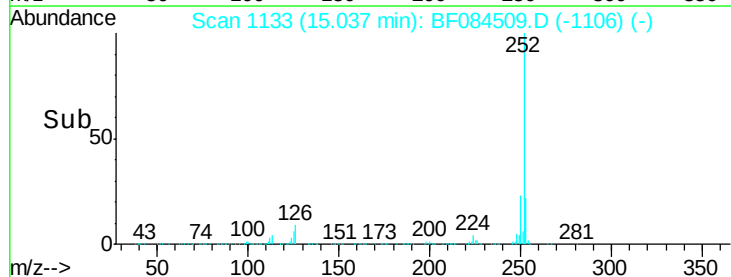
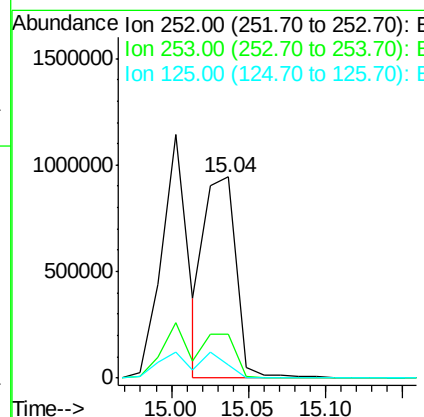
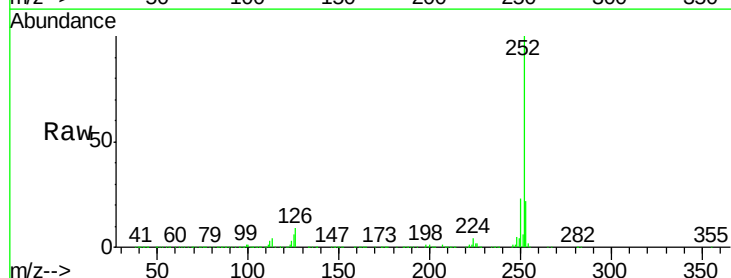
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

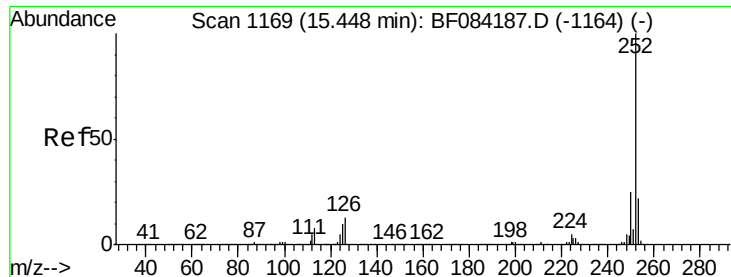
Tot Ion:252 Resp: 1359239
Ion Ratio Lower Upper
252 100
253 22.8 17.3 25.9
125 10.9 6.5 9.7#



#88
Benzo(k)fluoranthene
Concen: 40.86 ng m
RT: 15.04 min Scan# 1133
Delta R.T. 0.01 min
Lab File: BF084509.D
Acq: 15 Jan 2016 23:45

Tgt Ion:252 Resp: 1330930
Ion Ratio Lower Upper
252 100
253 21.8 18.1 27.1
125 6.5 9.0 13.6#

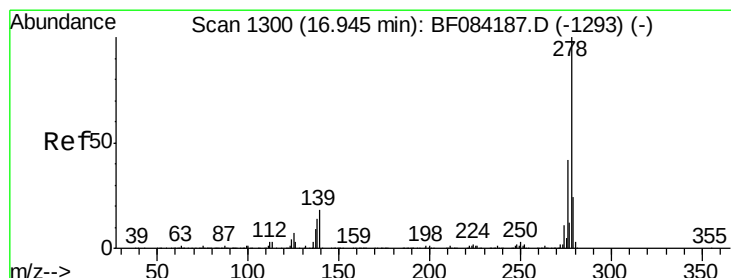
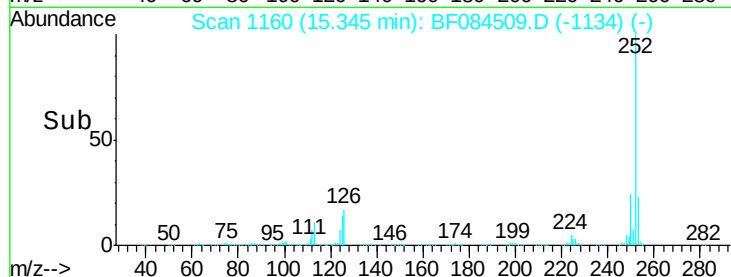
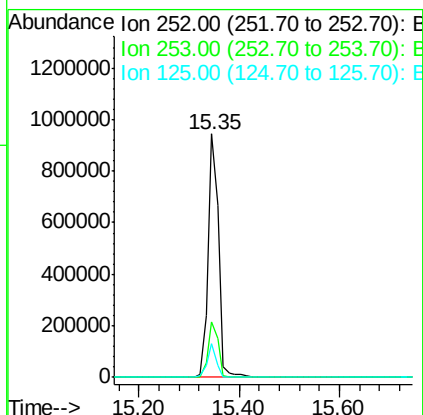
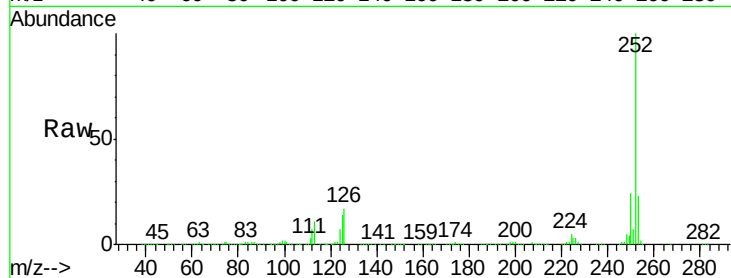




#89
Benzo(a)pyrene
Concen: 39.68 ng
RT: 15.35 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF084509.D
Acq: 15 Jan 2016 23:45

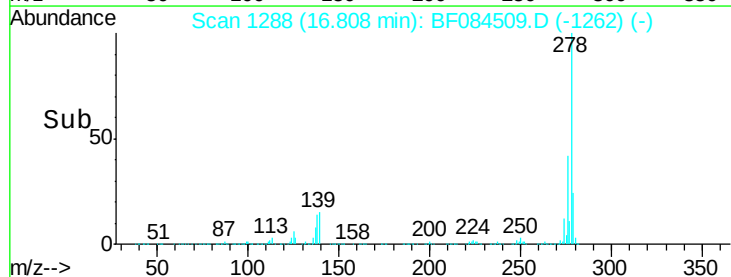
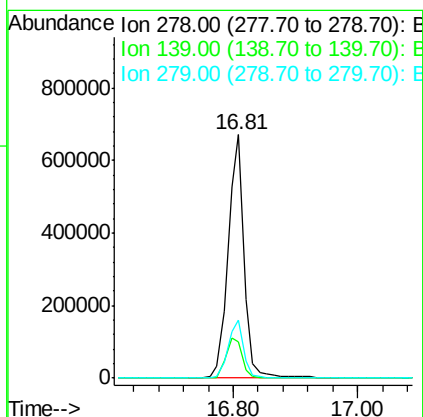
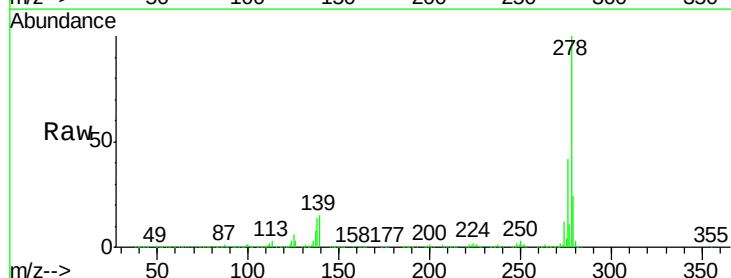
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

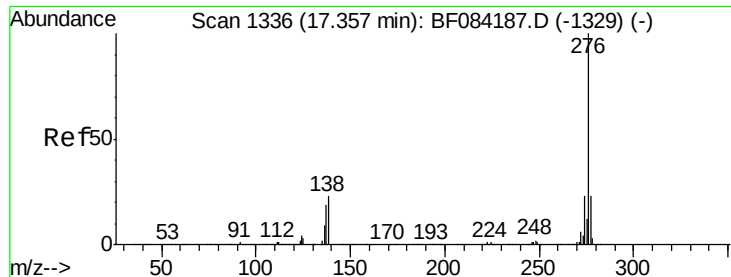
Tot Ion:252 Resp: 1340570
Ion Ratio Lower Upper
252 100
253 22.7 17.3 25.9
125 14.0 7.0 10.4#



#90
Dibenzo(a,h)anthracene
Concen: 41.13 ng
RT: 16.81 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BF084509.D
Acq: 15 Jan 2016 23:45

Tgt Ion:278 Resp: 1195708
Ion Ratio Lower Upper
278 100
139 15.1 15.0 22.4
279 23.9 18.9 28.3





#91

Benzo(a,h,i)perylene

Concen: 38.47 ng

RT: 17.21 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BF084509.D

Acq: 15 Jan 2016 23:45

Instrument :

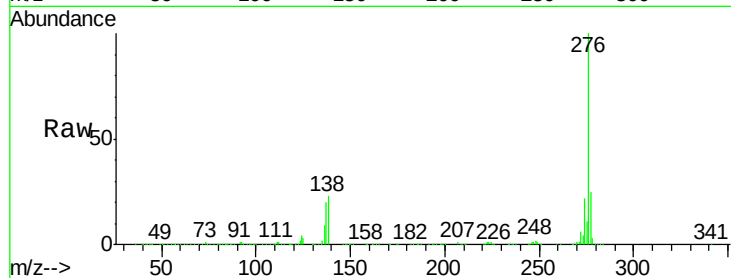
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:276 Resp: 1157927

Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.8	28.2
138	23.4	17.8	26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

