

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110215\
 Data File : BF082634.D
 Acq On : 2 Nov 2015 16:33
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 03 03:14:15 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 31 00:17:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	218028	20.00	ng	-0.02
21) Naphthalene-d8	8.18	136	844659	20.00	ng	-0.01
38) Acenaphthene-d10	9.94	164	433843	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	770264	20.00	ng	-0.02
75) Chrysene-d12	14.08	240	683510	20.00	ng	0.00
86) Perylene-d12	15.55	264	586311	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1004950	69.42	ng	-0.02
7) Phenol-d6	6.52	99	1482011	77.06	ng	-0.01
23) Nitrobenzene-d5	7.46	82	1569139	75.86	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	385808	81.26	ng	-0.01
44) 2-Fluorobiphenyl	9.26	172	2359040	77.20	ng	-0.01
78) Terphenyl-d14	13.01	244	2371136	75.92	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	249322	37.26	ng	94
3) Pyridine	3.23	79	765904	39.04	ng	98
4) n-Nitrosodimethylamine	3.18	42	382766	34.66	ng	98
6) Aniline	6.54	93	996446	37.21	ng	96
8) 2-Chlorophenol	6.67	128	569778	36.38	ng	# 82
9) Benzaldehyde	6.43	77	459782	35.02	ng	93
10) Phenol	6.53	94	929998	42.68	ng	96
11) bis(2-Chloroethyl)ether	6.62	93	614661	38.23	ng	93
12) 1,3-Dichlorobenzene	6.83	146	681449m	38.15	ng	
13) 1,4-Dichlorobenzene	6.91	146	704442	39.77	ng	92
14) 1,2-Dichlorobenzene	7.06	146	576440	35.06	ng	94
15) Benzyl Alcohol	7.04	79	651832	36.35	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.17	45	888447	34.77	ng	98
17) 2-Methylphenol	7.14	107	502886	37.76	ng	95
18) Hexachloroethane	7.41	117	257396	37.23	ng	# 80
19) n-Nitroso-di-n-propylamine	7.31	70	497384	34.12	ng	92
20) 3+4-Methylphenols	7.30	107	595284	34.40	ng	92
22) Acetophenone	7.30	105	835783	33.61	ng	# 80
24) Nitrobenzene	7.47	77	675873	32.33	ng	# 86
25) Isophorone	7.72	82	1366664	35.91	ng	97
26) 2-Nitrophenol	7.79	139	316906	41.49	ng	# 83
27) 2,4-Dimethylphenol	7.84	122	565574	37.94	ng	92
28) bis(2-Chloroethoxy)methane	7.93	93	713031	34.26	ng	98
29) 2,4-Dichlorophenol	8.03	162	482527	35.51	ng	87
30) 1,2,4-Trichlorobenzene	8.12	180	579136	38.40	ng	97
31) Naphthalene	8.20	128	1725574	37.75	ng	99
32) Benzoic acid	7.95	122	385422	35.63	ng	96
33) 4-Chloroaniline	8.25	127	770500	39.49	ng	# 91
34) Hexachlorobutadiene	8.33	225	369498	38.52	ng	99
35) Caprolactam	8.62	113	160664	38.53	ng	# 86
36) 4-Chloro-3-methylphenol	8.73	107	584852	36.55	ng	95
37) 2-Methylnaphthalene	8.89	142	1058606	35.74	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	499229	34.48	ng	97
40) Hexachlorocyclopentadiene	9.06	237	339399	37.29	ng	97

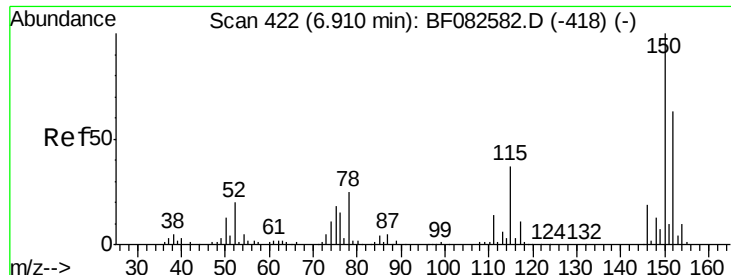
Data Path : Z:\HPCHEM1\BNA F\DATA\BF110215\
 Data File : BF082634.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	406243	38.86	nq	99
43) 2,4,5-Trichlorophenol	9.21	196	405118	38.90	nq	# 89
45) 1,1'-Biphenyl	9.36	154	1255756	34.27	nq	97
46) 2-Chloronaphthalene	9.38	162	1004814	35.11	nq	95
47) 2-Nitroaniline	9.47	65	418795	37.65	nq	95
48) Acenaphthylene	9.80	152	1739534	38.01	nq	98
49) Dimethylphthalate	9.66	163	1344451	37.95	nq	98
50) 2,6-Dinitrotoluene	9.72	165	288264	39.25	nq	# 65
51) Acenaphthene	9.97	154	1151902	39.65	nq	97
52) 3-Nitroaniline	9.88	138	280003	34.27	nq	90
53) 2,4-Dinitrophenol	9.98	184	152723	42.46	nq	# 22
54) Dibenzofuran	10.14	168	1519961	38.55	nq	92
55) 4-Nitrophenol	10.04	139	230848	37.55	nq	# 74
56) 2,4-Dinitrotoluene	10.12	165	404095	40.69	nq	# 68
57) Fluorene	10.49	166	1235195	38.84	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.26	232	342416m	38.90	nq	
59) Diethylphthalate	10.36	149	1270747	35.23	nq	99
60) 4-Chlorophenyl-phenylether	10.48	204	521457	33.73	nq	# 82
61) 4-Nitroaniline	10.50	138	325647	41.77	nq	88
62) Azobenzene	10.64	77	1292250	31.77	nq	89
64) 4,6-Dinitro-2-methylphenol	10.52	198	186090	40.06	nq	# 38
65) n-Nitrosodiphenylamine	10.59	169	990939	37.42	nq	99
66) 4-Bromophenyl-phenylether	10.97	248	363591	41.65	nq	# 82
67) Hexachlorobenzene	11.04	284	404190	41.76	nq	# 73
68) Atrazine	11.13	200	372994	43.05	nq	94
69) Pentachlorophenol	11.22	266	247046	38.71	nq	98
70) Phenanthrene	11.45	178	1853228	42.66	nq	99
71) Anthracene	11.49	178	1588868	36.32	nq	100
72) Carbazole	11.64	167	1425803	37.42	nq	99
73) Di-n-butylphthalate	11.98	149	1853703	38.22	nq	100
74) Fluoranthene	12.64	202	1785452	40.20	nq	93
76) Benzydine	12.75	184	956879	31.04	nq	99
77) Pyrene	12.87	202	1879665	37.14	nq	98
79) Butylbenzylphthalate	13.49	149	831284	37.50	nq	# 71
80) Benzo(a)anthracene	14.07	228	1628199	37.50	nq	99
81) 3,3'-Dichlorobenzidine	14.02	252	538079	35.97	nq	97
82) Chrysene	14.10	228	1459964	37.10	nq	99
83) Bis(2-ethylhexyl)phthalate	14.07	149	1093770	38.06	nq	98
84) Di-n-octyl phthalate	14.71	149	1794699	40.04	nq	99
85) Indeno(1,2,3-cd)pyrene	16.98	276	1266485	39.00	nq	99
87) Benzo(b)fluoranthene	15.13	252	1611790	39.87	nq	# 98
88) Benzo(k)fluoranthene	15.16	252	1064394m	34.56	nq	
89) Benzo(a)pyrene	15.49	252	1248463	39.21	nq	# 97
90) Dibenzo(a,h)anthracene	17.00	278	1054317	35.49	nq	99
91) Benzo(g,h,i)perylene	17.40	276	993827	34.52	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.02 min

Lab File: BF082634.D

Acq: 2 Nov 2015 16:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

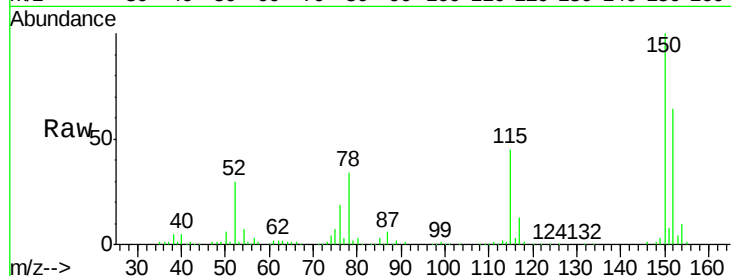
Tot Ion:152 Resp: 218028

Ion Ratio Lower Upper

152 100

150 157.2 127.0 190.4

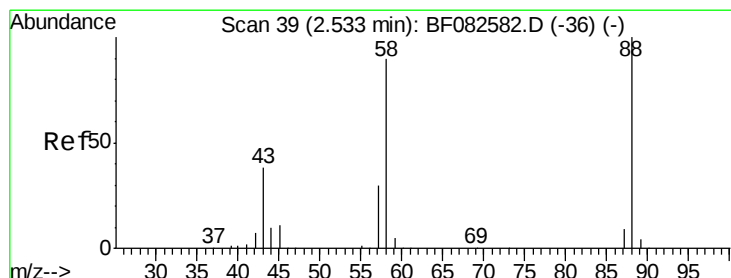
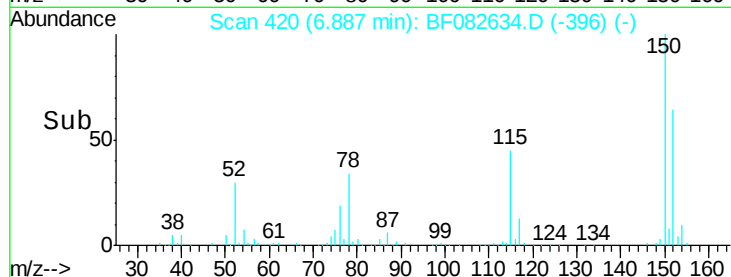
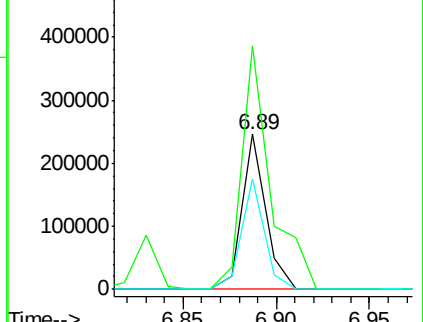
115 71.1 47.0 70.6#



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: 37.26 ng

RT: 2.51 min Scan# 37

Delta R.T. -0.02 min

Lab File: BF082634.D

Acq: 2 Nov 2015 16:33

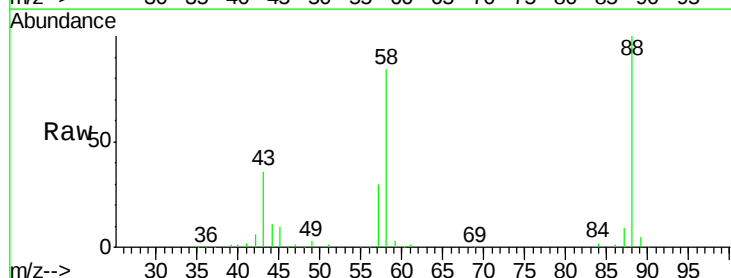
Tgt Ion: 88 Resp: 249322

Ion Ratio Lower Upper

88 100

58 83.4 62.0 93.0

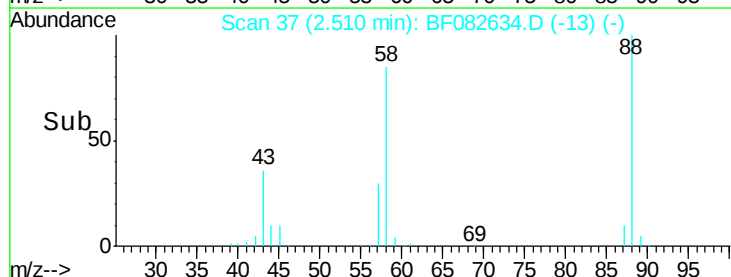
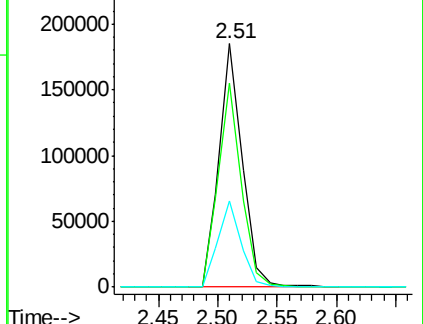
43 35.6 26.6 40.0

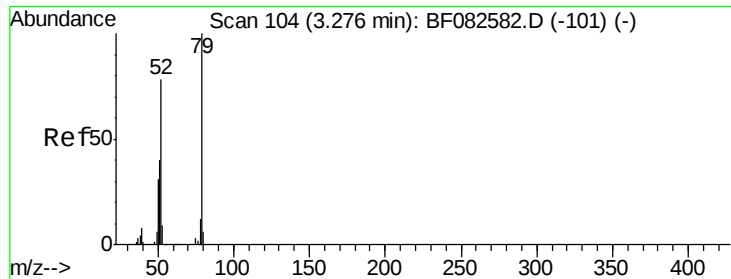


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 39.04 ng

RT: 3.23 min Scan# 100

Delta R.T. -0.05 min

Lab File: BF082634.D

Acq: 2 Nov 2015 16:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

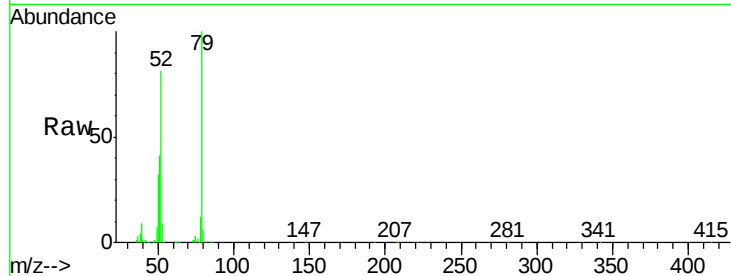
Tot Ion: 79 Resp: 765904

Ion Ratio Lower Upper

79 100

52 80.6 62.8 94.2

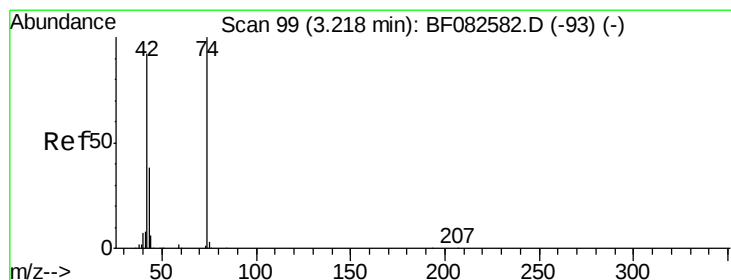
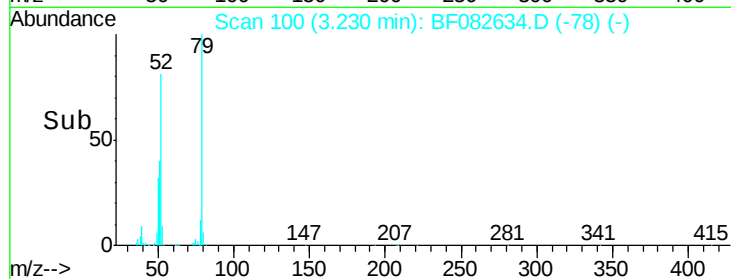
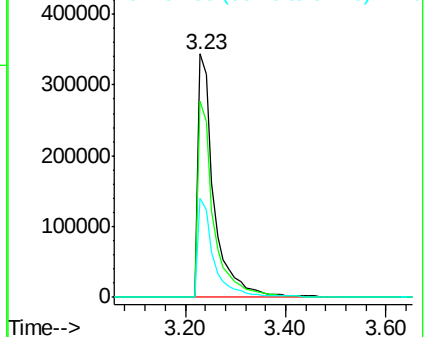
51 40.6 32.0 48.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 34.66 ng

RT: 3.18 min Scan# 96

Delta R.T. -0.03 min

Lab File: BF082634.D

Acq: 2 Nov 2015 16:33

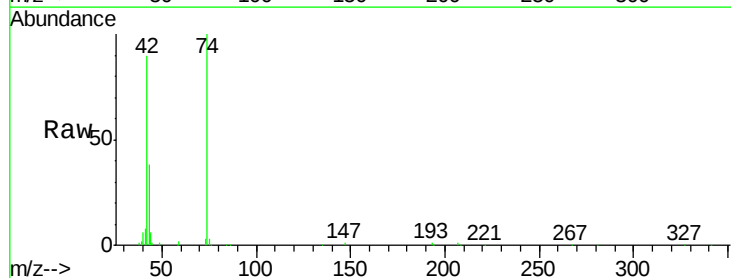
Tgt Ion: 42 Resp: 382766

Ion Ratio Lower Upper

42 100

74 111.2 87.0 130.4

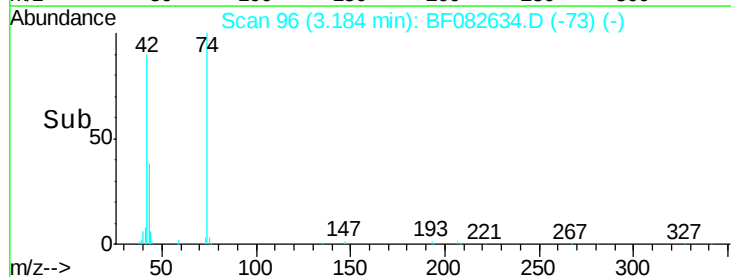
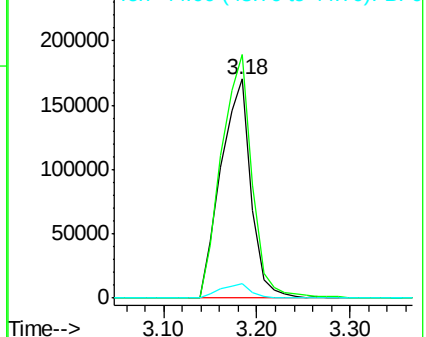
44 6.4 5.8 8.8

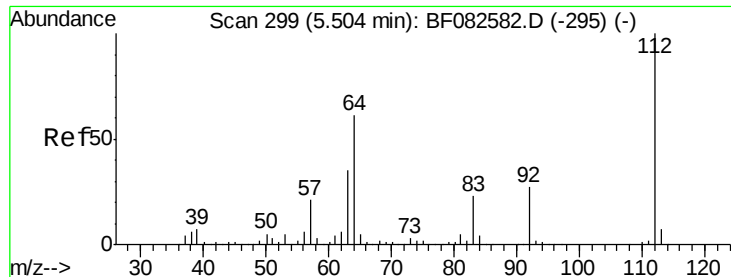


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 69.42 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.02 min

Lab File: BF082634.D

Acq: 2 Nov 2015 16:33

Instrument :

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ClientSampleId :

SSTDCCC040

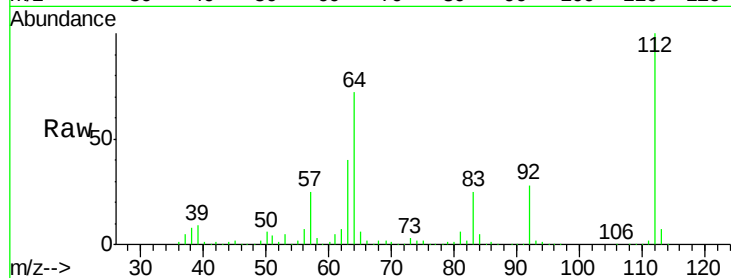
Tot Ion:112 Resp: 1004950

Ion Ratio Lower Upper

112 100

64 72.0 48.9 73.3

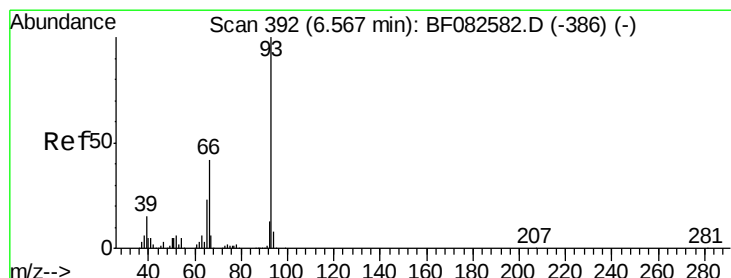
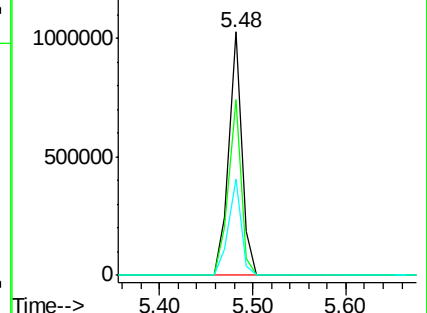
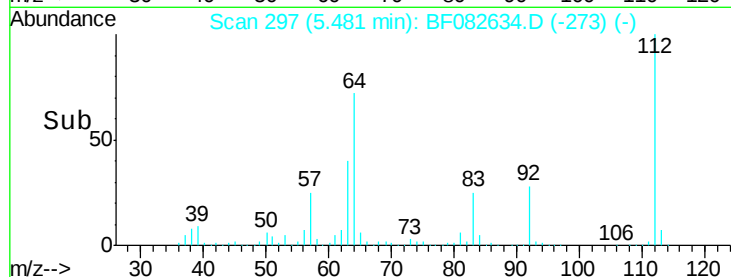
63 39.6 28.1 42.1



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: 37.21 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.02 min

Lab File: BF082634.D

Acq: 2 Nov 2015 16:33

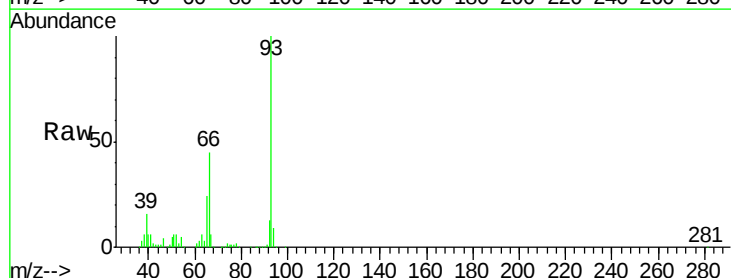
Tgt Ion: 93 Resp: 996446

Ion Ratio Lower Upper

93 100

66 45.4 33.6 50.4

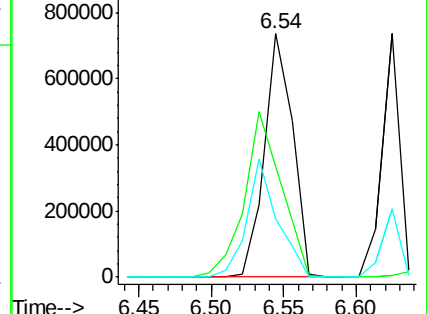
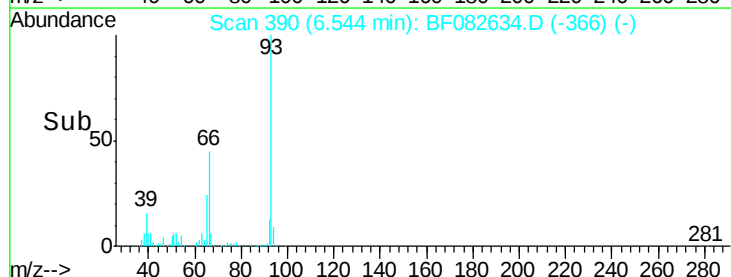
65 23.7 18.1 27.1

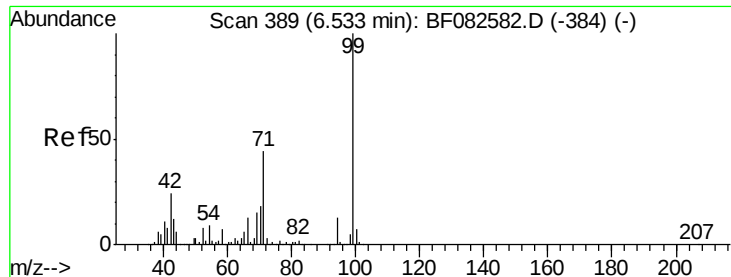


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 77.06 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF082634.D

Acq: 2 Nov 2015 16:33

Instrument :

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ClientSampleId :

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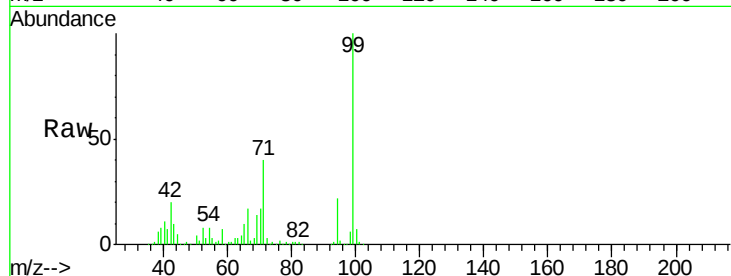
Tot Ion: 99 Resp: 1482011

Ion Ratio Lower Upper

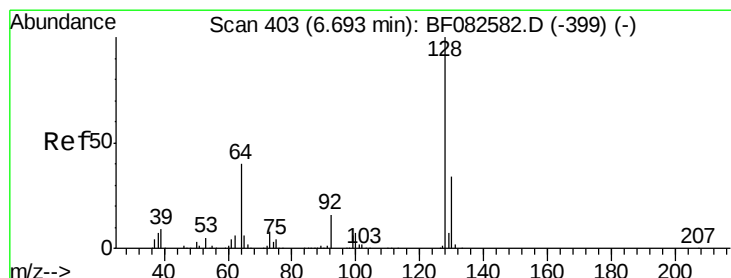
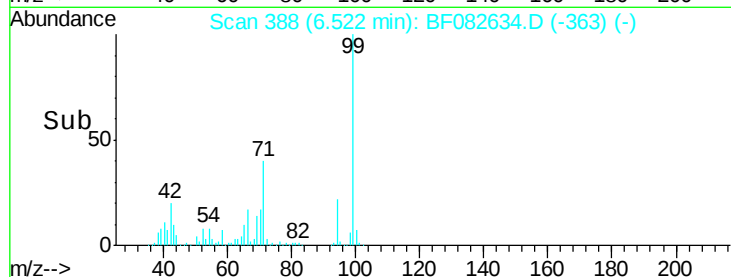
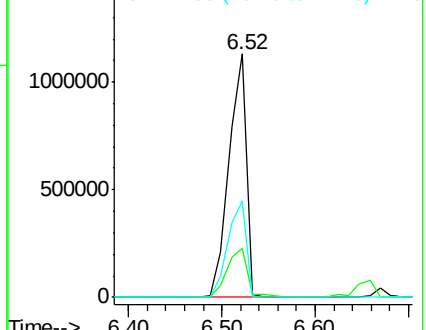
99 100

42 20.2 19.2 28.8

71 39.5 35.0 52.4



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 36.38 ng

RT: 6.67 min Scan# 401

Delta R.T. -0.02 min

Lab File: BF082634.D

Acq: 2 Nov 2015 16:33

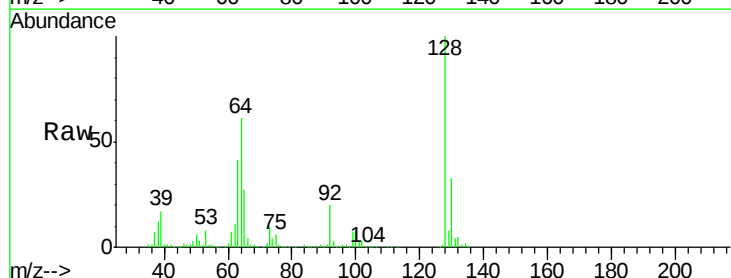
Tgt Ion:128 Resp: 569778

Ion Ratio Lower Upper

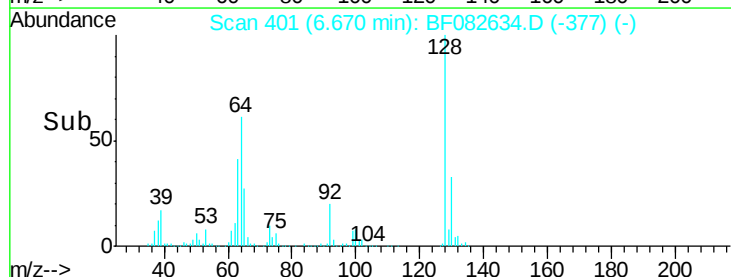
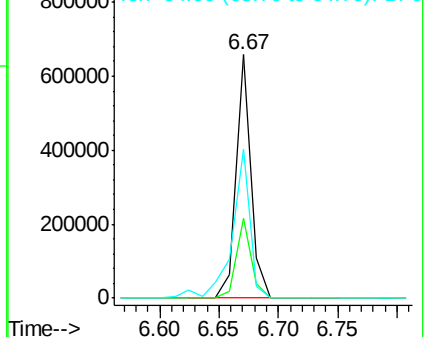
128 100

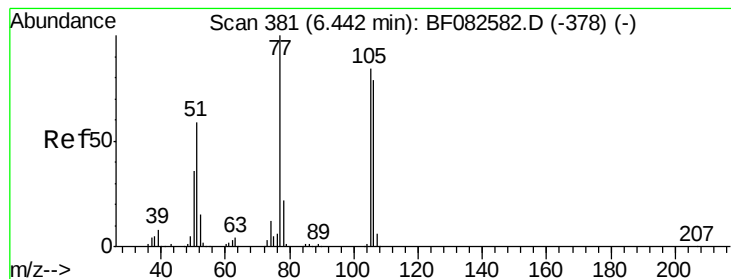
130 32.6 13.5 53.5

64 61.2 21.1 61.1#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 35.02 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF082634.D

Acq: 2 Nov 2015 16:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

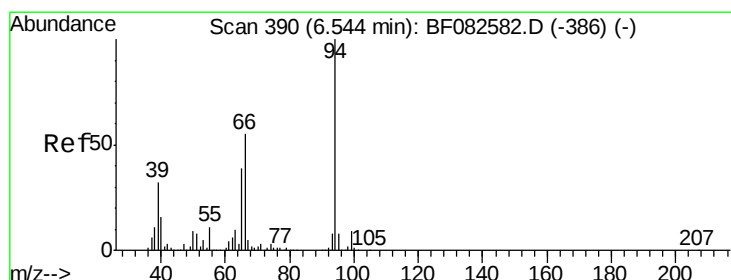
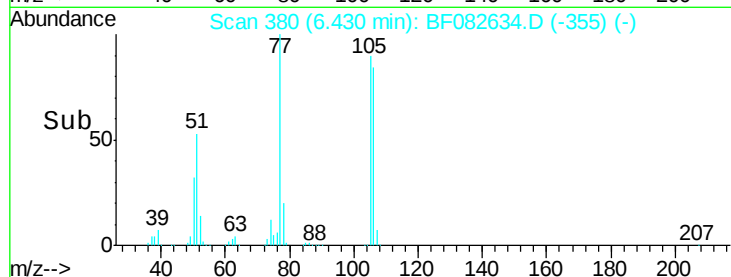
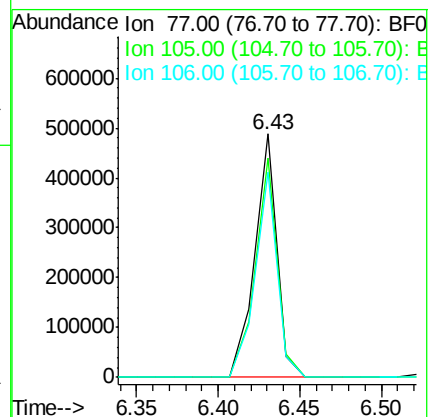
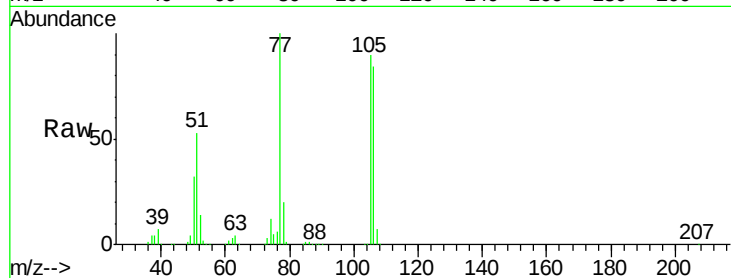
Tot Ion: 77 Resp: 459782

Ion Ratio Lower Upper

77 100

105 90.0 63.5 103.5

106 84.5 59.3 99.3



#10

Phenol

Concen: 42.68 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF082634.D

Acq: 2 Nov 2015 16:33

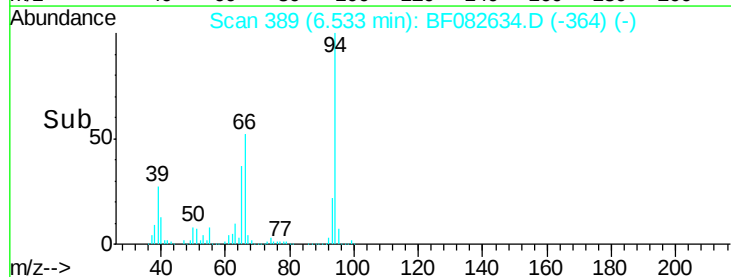
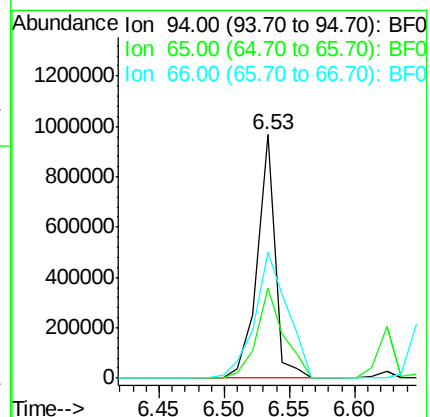
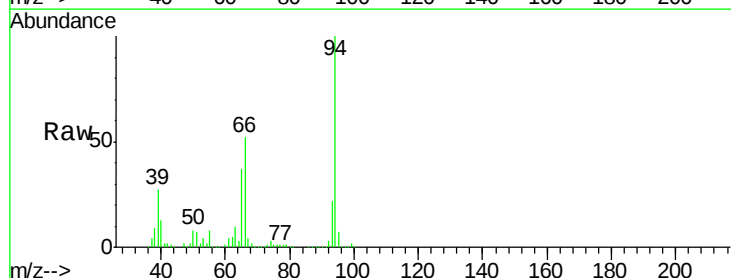
Tgt Ion: 94 Resp: 929998

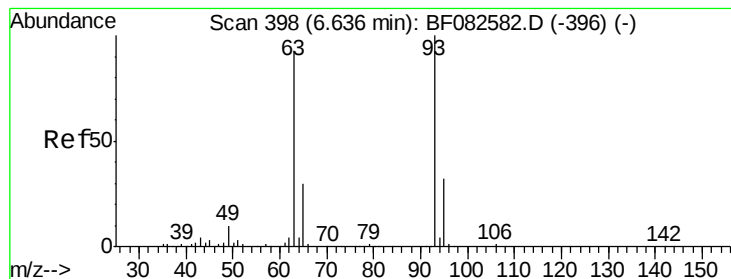
Ion Ratio Lower Upper

94 100

65 37.1 18.9 58.9

66 51.8 34.9 74.9





#11

bis(2-Chloroethyl)ether

Concen: 38.23 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF082634.D

Acq: 2 Nov 2015 16:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

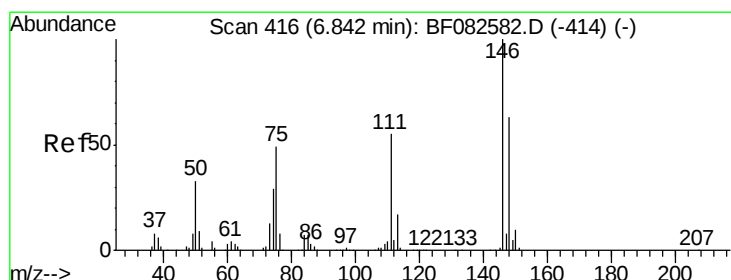
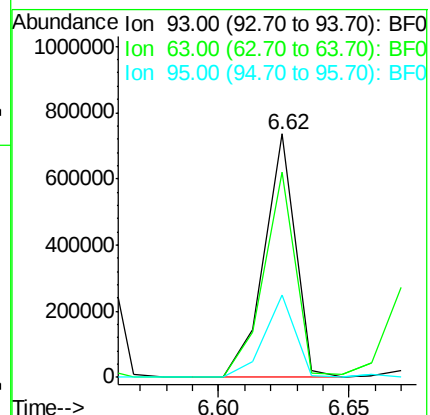
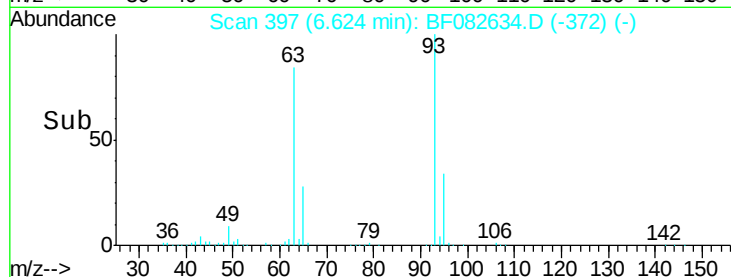
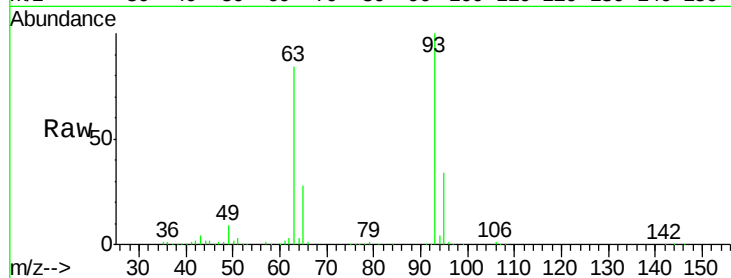
Tot Ion: 93 Resp: 614661

Ion Ratio Lower Upper

93 100

63 84.2 72.7 112.7

95 33.6 12.0 52.0



#12

1,3-Dichlorobenzene

Concen: 38.15 ng m

RT: 6.83 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF082634.D

Acq: 2 Nov 2015 16:33

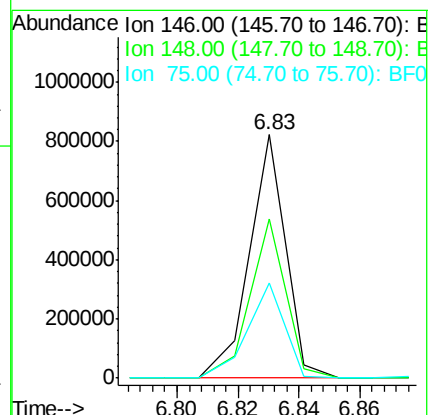
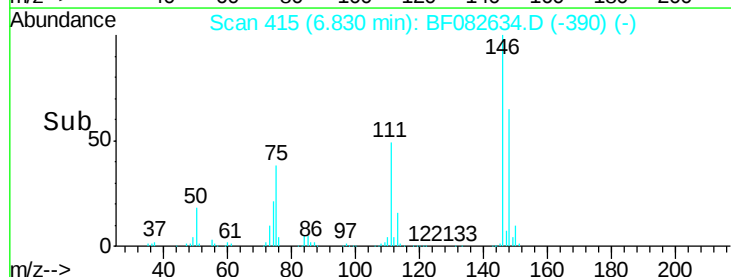
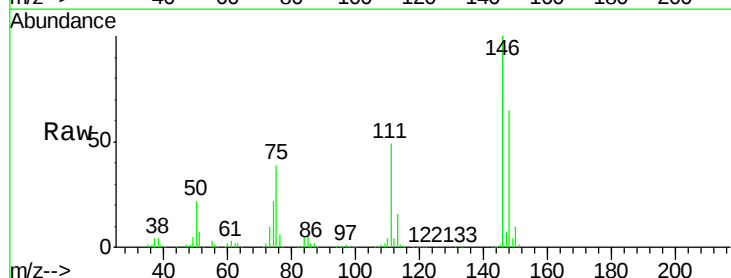
Tgt Ion: 146 Resp: 681449

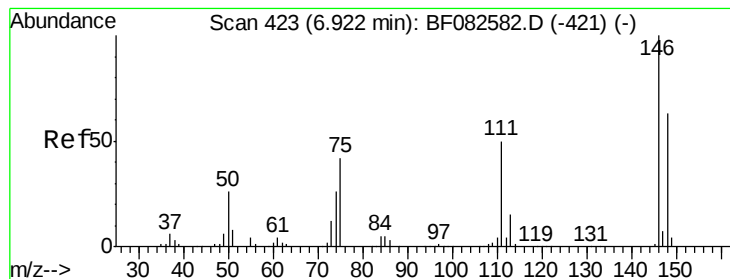
Ion Ratio Lower Upper

146 100

148 65.1 50.5 75.7

75 39.2 39.5 59.3#





#13

1,4-Dichlorobenzene

Concen: 39.77 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF082634.D

Acq: 2 Nov 2015 16:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

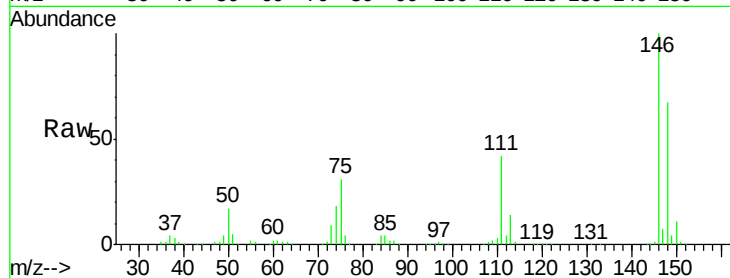
Tot Ion:146 Resp: 704442

Ion Ratio Lower Upper

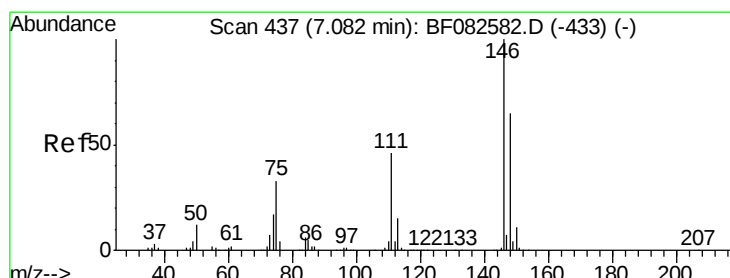
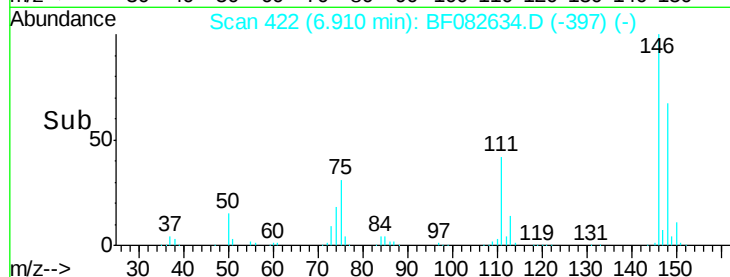
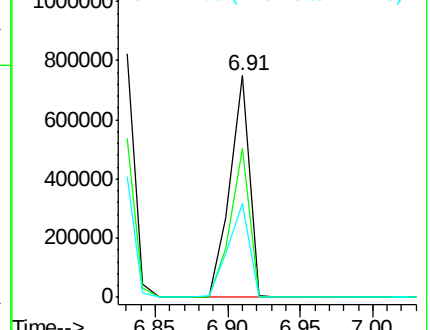
146 100

148 66.9 50.8 76.2

111 42.2 40.6 60.8



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: 35.06 ng

RT: 7.06 min Scan# 435

Delta R.T. -0.02 min

Lab File: BF082634.D

Acq: 2 Nov 2015 16:33

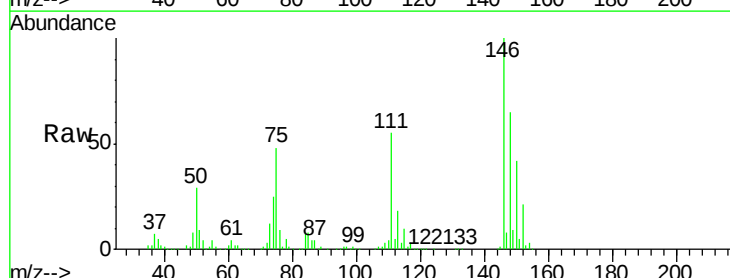
Tgt Ion:146 Resp: 576440

Ion Ratio Lower Upper

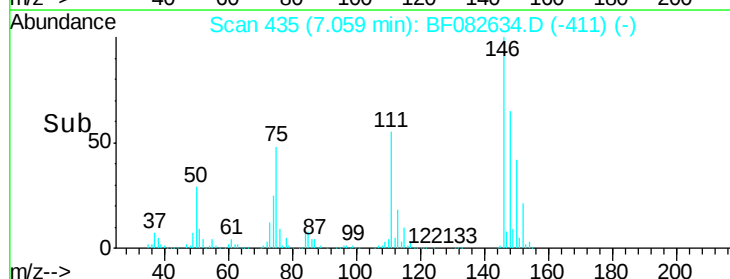
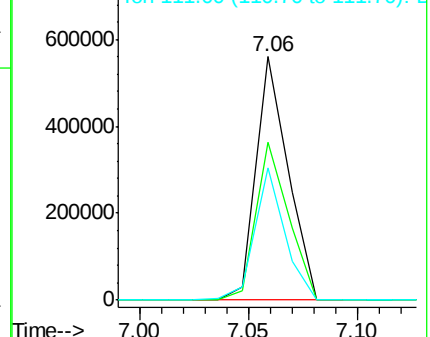
146 100

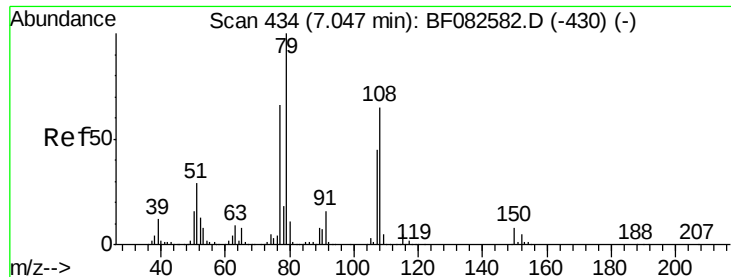
148 65.0 52.2 78.4

111 54.5 36.6 55.0



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: 36.35 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF082634.D

Acq: 2 Nov 2015 16:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

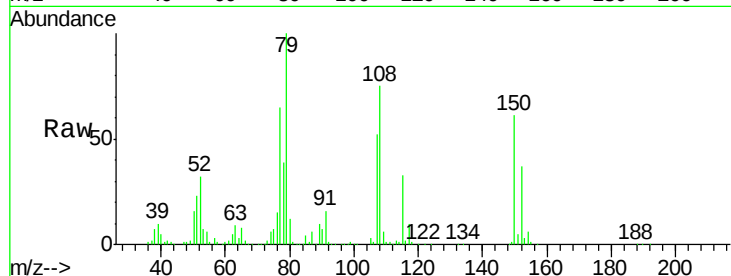
Tot Ion: 79 Resp: 651832

Ion Ratio Lower Upper

79 100

108 75.0 52.2 78.4

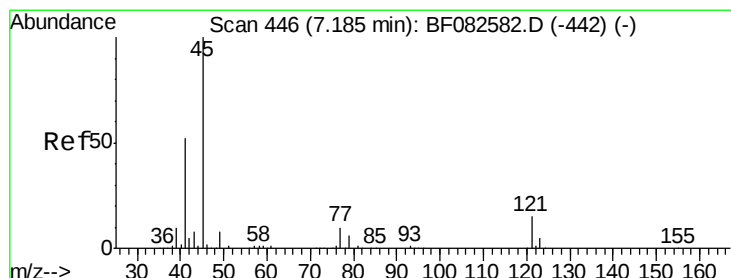
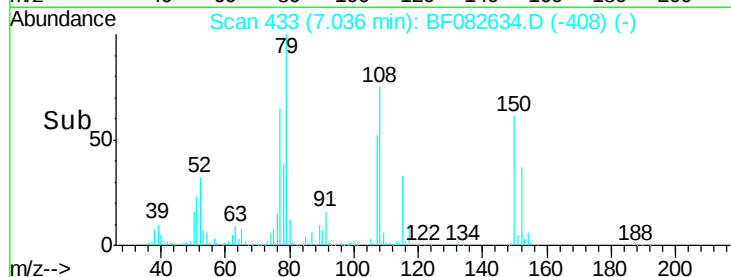
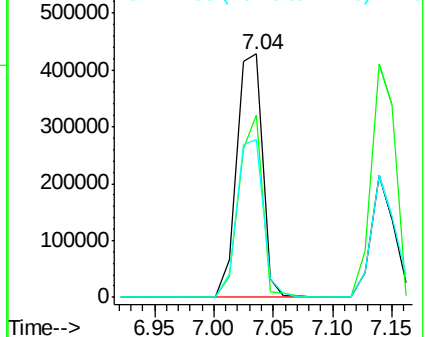
77 64.6 52.7 79.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.77 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF082634.D

Acq: 2 Nov 2015 16:33

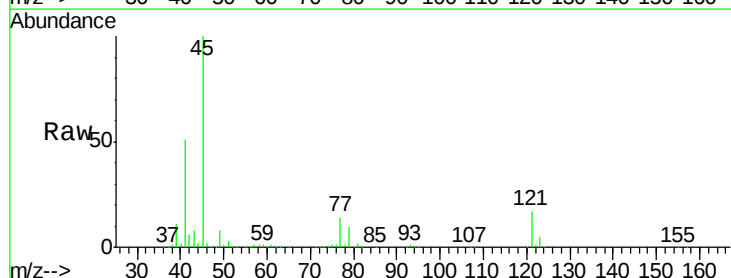
Tgt Ion: 45 Resp: 888447

Ion Ratio Lower Upper

45 100

77 13.6 0.0 32.6

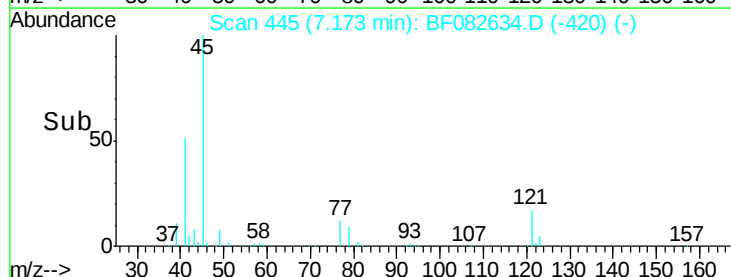
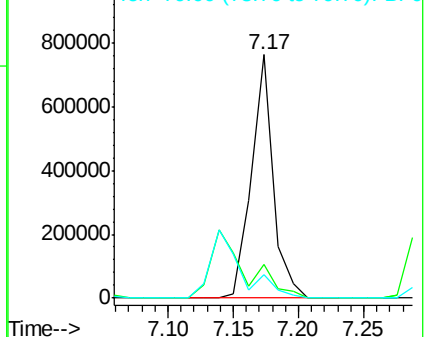
79 9.7 0.0 29.2

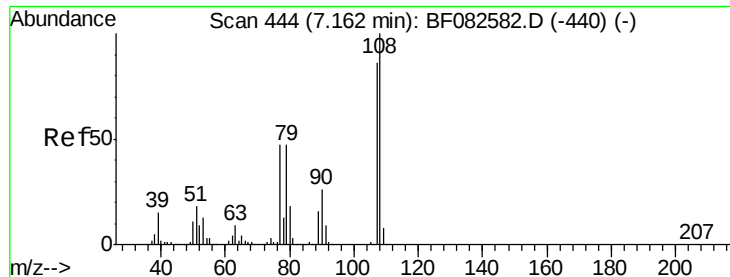


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 37.76 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.02 min

Lab File: BF082634.D

Acq: 2 Nov 2015 16:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 502886

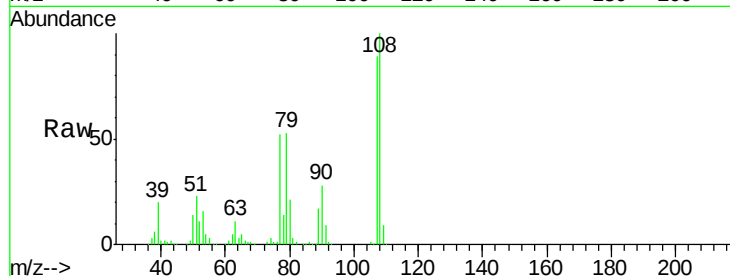
Ion Ratio Lower Upper

107 100

108 112.6 93.0 139.4

77 58.8 44.1 66.1

79 59.2 43.6 65.4

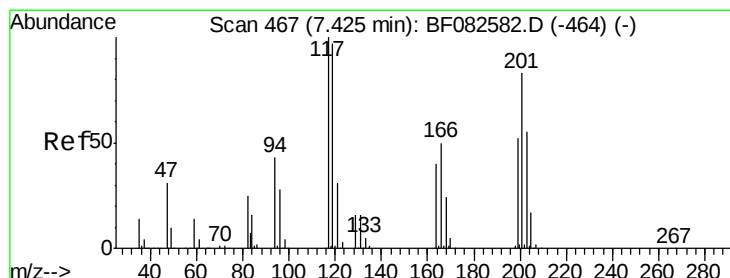
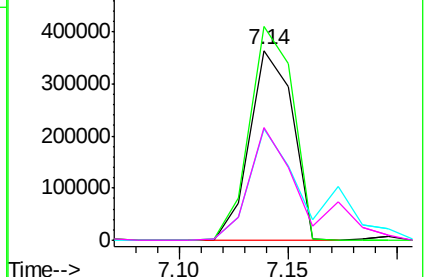
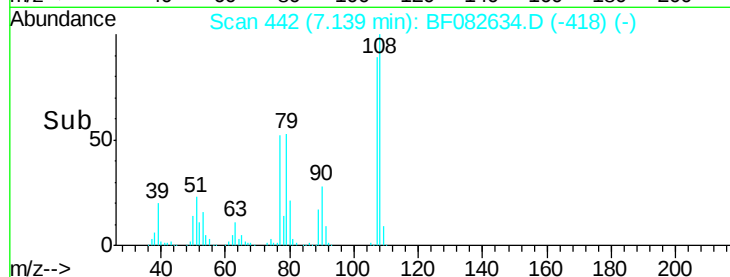


Abundance Ion 107.00 (106.70 to 107.70): E

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: 37.23 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.01 min

Lab File: BF082634.D

Acq: 2 Nov 2015 16:33

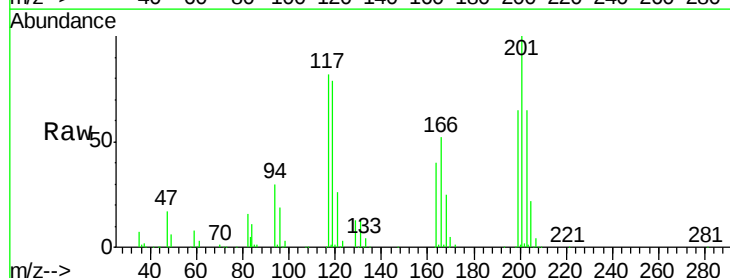
Tgt Ion:117 Resp: 257396

Ion Ratio Lower Upper

117 100

119 95.7 77.7 116.5

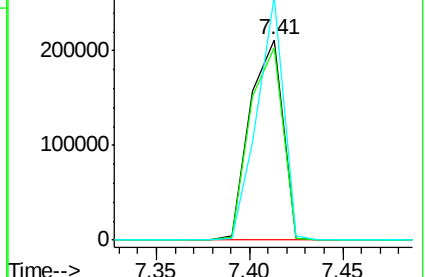
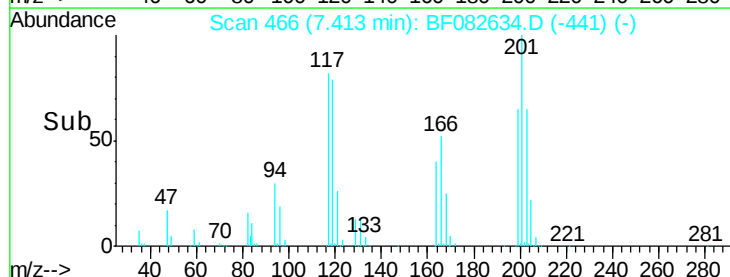
201 121.3 66.7 100.1#

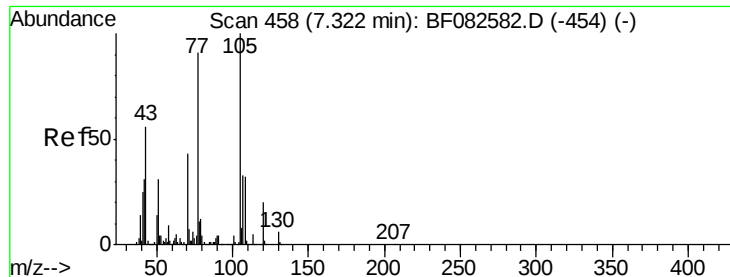


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

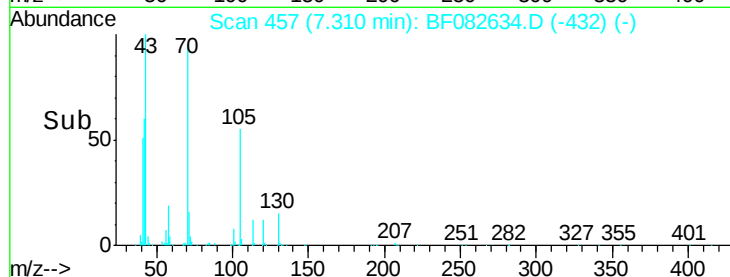
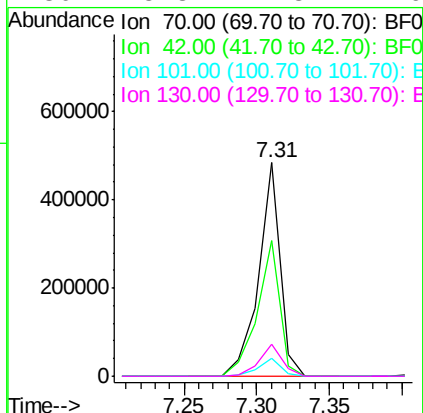
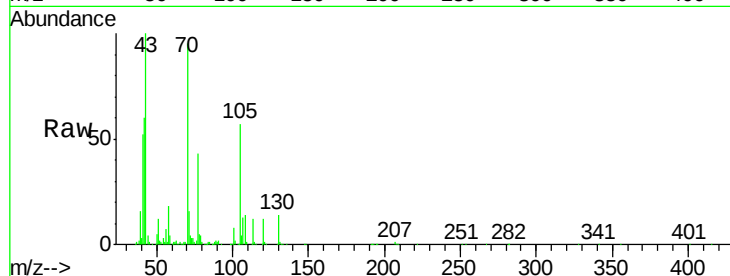




#19
n-Nitroso-di-n-propylamine
Concen: 34.12 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF082634.D
Acq: 2 Nov 2015 16:33

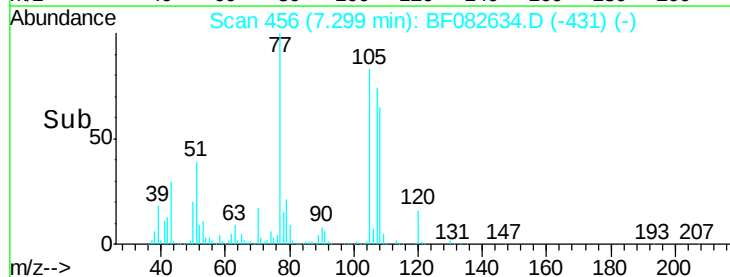
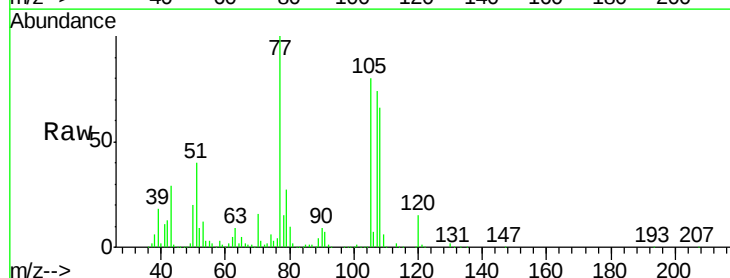
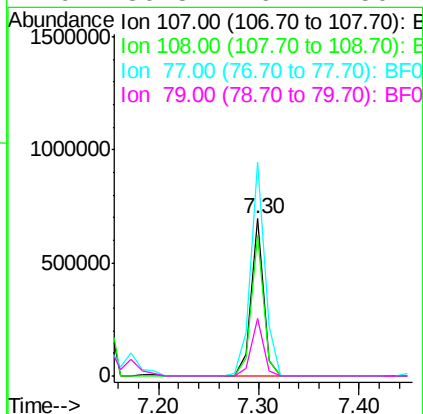
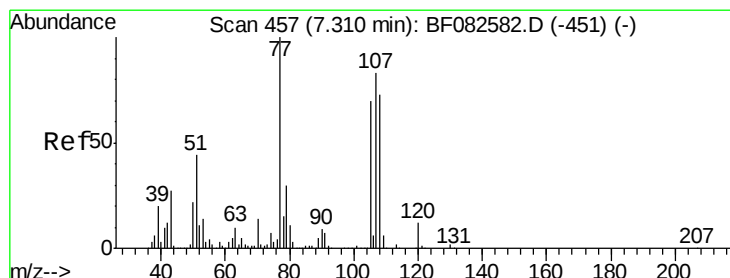
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

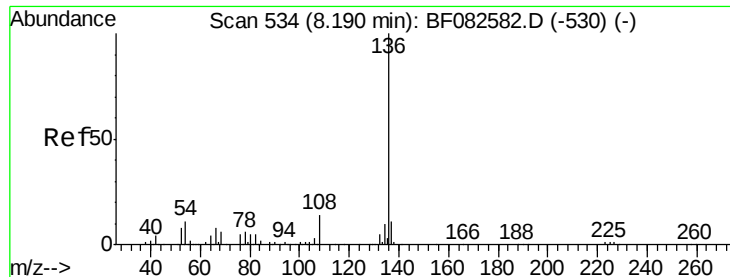
Tot Ion: 70 Resp: 497384
Ion Ratio Lower Upper
70 100
42 63.6 57.7 86.5
101 8.4 7.0 10.6
130 15.3 11.8 17.6



#20
3+4-Methylphenols
Concen: 34.40 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF082634.D
Acq: 2 Nov 2015 16:33

Tgt Ion: 107 Resp: 595284
Ion Ratio Lower Upper
107 100
108 89.9 67.3 107.3
77 135.7 100.3 140.3
79 36.8 16.2 56.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF082634.D

Acq: 2 Nov 2015 16:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 844659

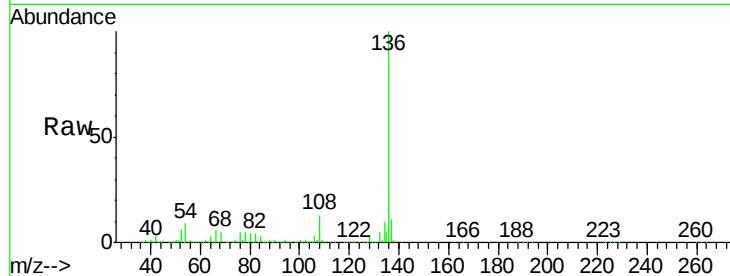
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.5 9.1 13.7#

68 5.1 4.8 7.2

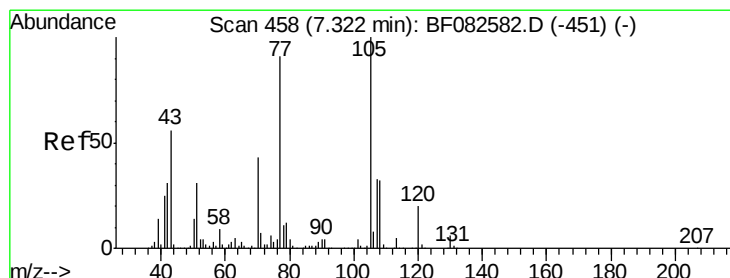
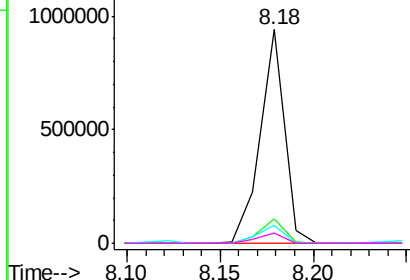
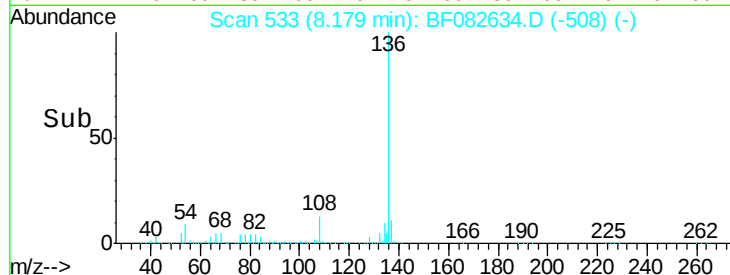


Abundance Ion 136.00 (135.70 to 136.70): E

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: 33.61 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.02 min

Lab File: BF082634.D

Acq: 2 Nov 2015 16:33

Tgt Ion:105 Resp: 835783

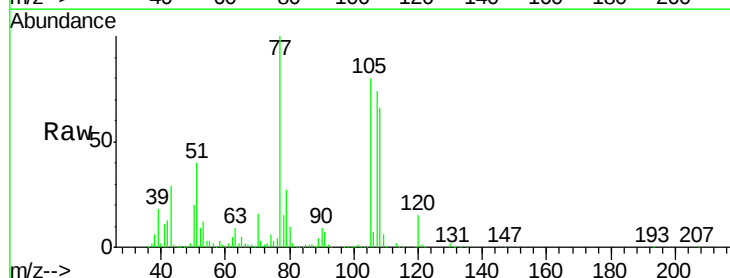
Ion Ratio Lower Upper

105 100

71 3.4 5.6 8.4#

51 49.8 24.9 37.3#

120 18.9 15.8 23.8

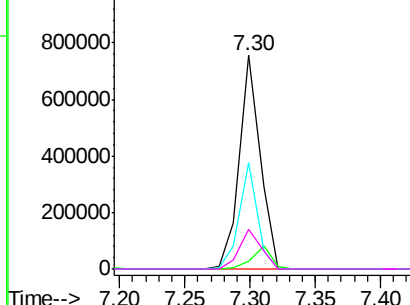
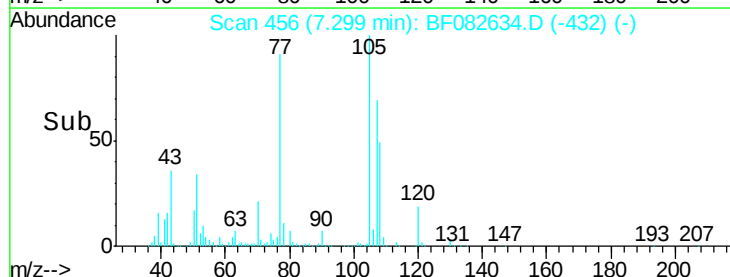


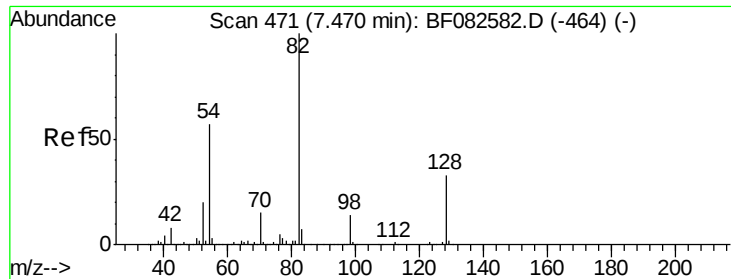
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

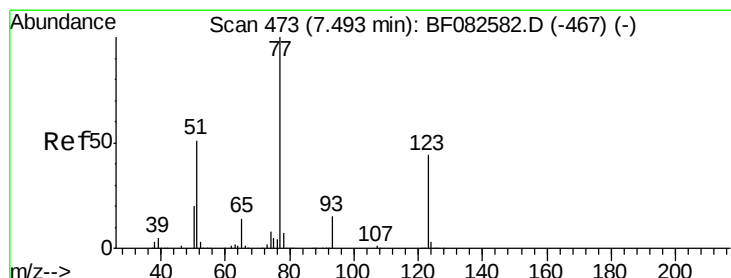
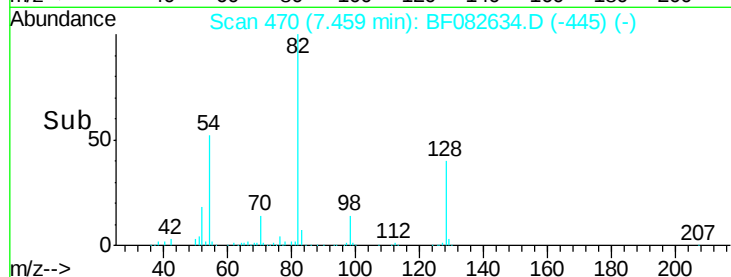
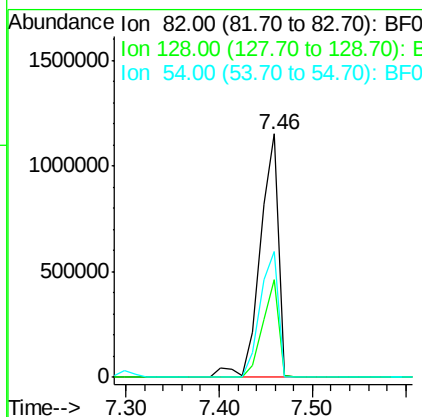
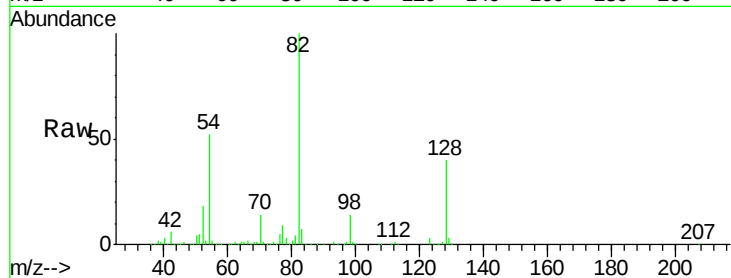




#23
Nitrobenzene-d5
Concen: 75.86 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF082634.D
Acq: 2 Nov 2015 16:33

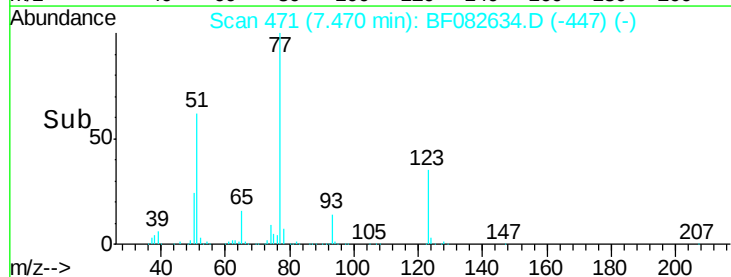
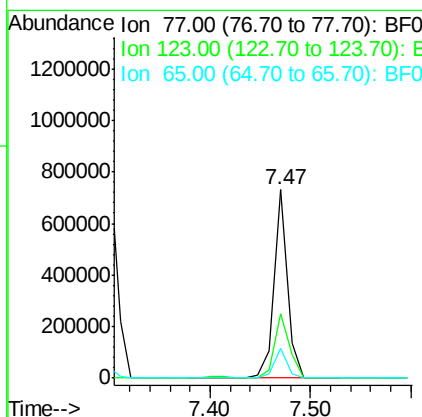
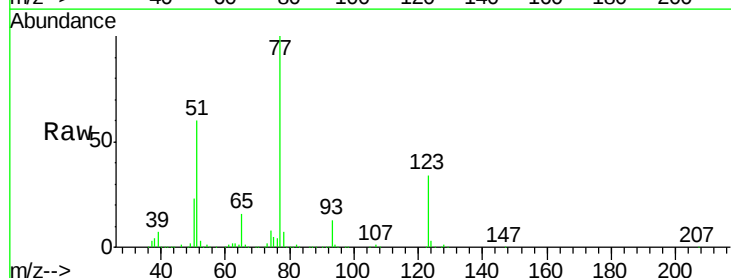
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

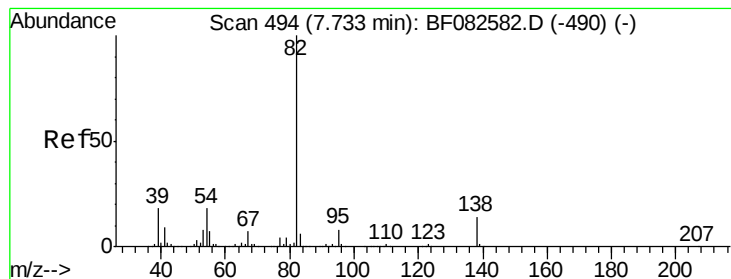
Tot Ion: 82 Resp: 1569139
Ion Ratio Lower Upper
82 100
128 40.2 26.8 40.2
54 51.6 45.7 68.5



#24
Nitrobenzene
Concen: 32.33 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.02 min
Lab File: BF082634.D
Acq: 2 Nov 2015 16:33

Tgt Ion: 77 Resp: 675873
Ion Ratio Lower Upper
77 100
123 34.0 36.4 54.6#
65 15.7 11.5 17.3





#25

Isophorone

Concen: 35.91 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF082634.D

Acq: 2 Nov 2015 16:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

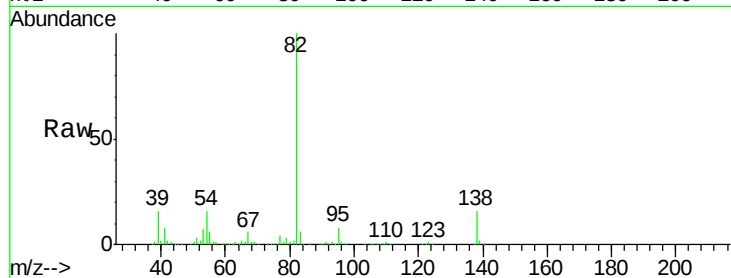
Tot Ion: 82 Resp: 1366664

Ion Ratio Lower Upper

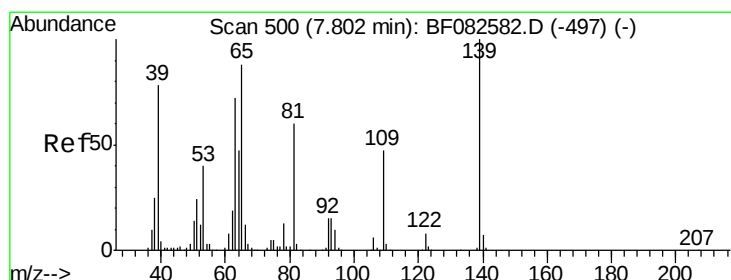
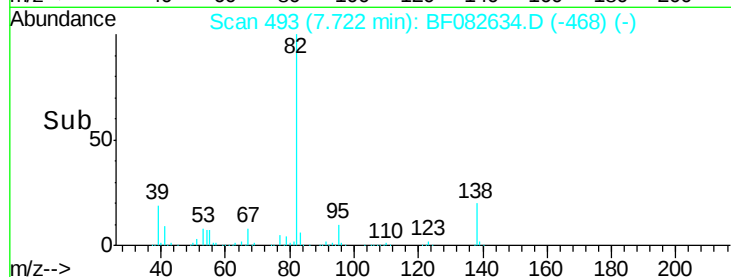
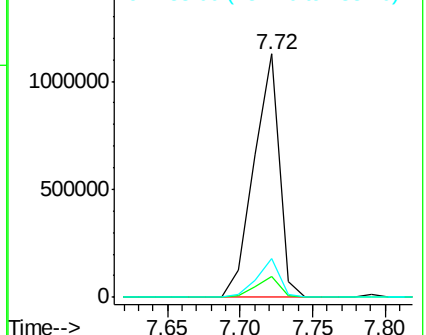
82 100

95 8.5 6.6 9.8

138 16.1 11.4 17.0



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: 41.49 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF082634.D

Acq: 2 Nov 2015 16:33

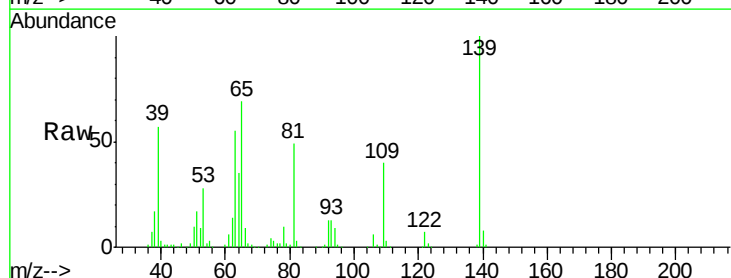
Tgt Ion: 139 Resp: 316906

Ion Ratio Lower Upper

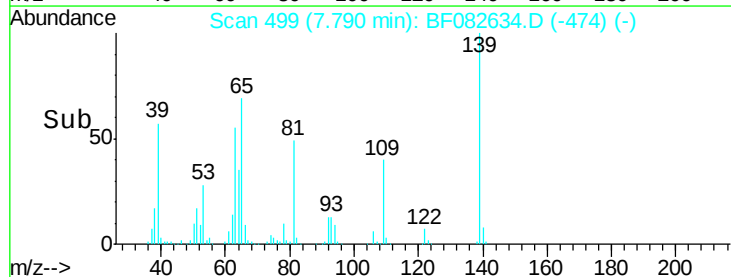
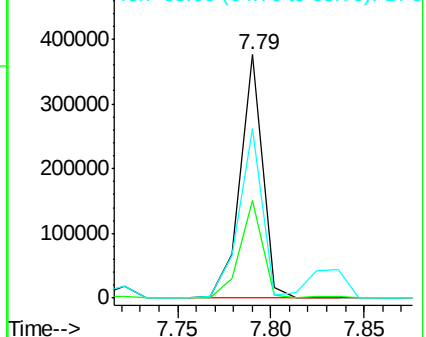
139 100

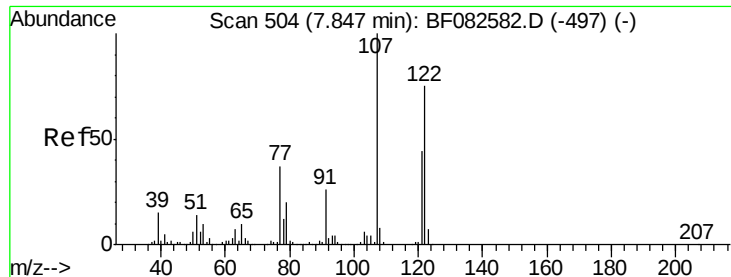
109 40.4 37.6 56.4

65 69.4 70.6 105.8#



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





#27

2,4-Dimethylphenol

Concen: 37.94 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.01 min

Lab File: BF082634.D

Acq: 2 Nov 2015 16:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

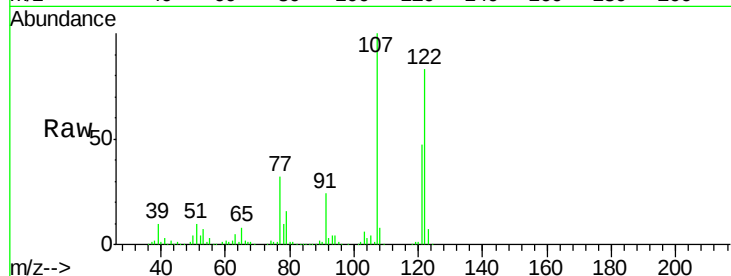
Tot Ion:122 Resp: 565574

Ion Ratio Lower Upper

122 100

107 120.7 106.0 159.0

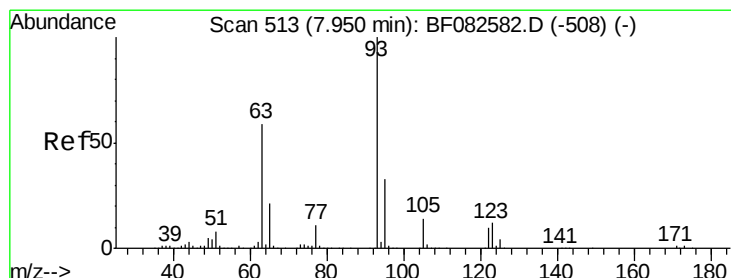
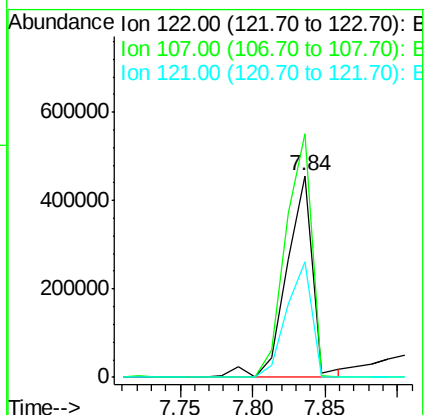
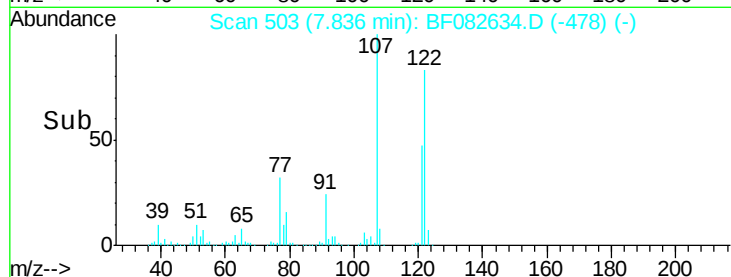
121 57.0 46.7 70.1



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: 34.26 ng

RT: 7.93 min Scan# 511

Delta R.T. -0.02 min

Lab File: BF082634.D

Acq: 2 Nov 2015 16:33

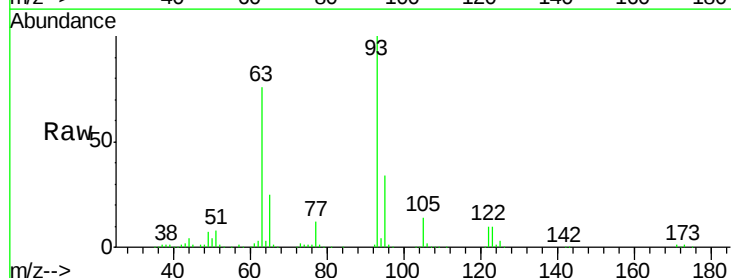
Tgt Ion: 93 Resp: 713031

Ion Ratio Lower Upper

93 100

95 33.7 26.6 40.0

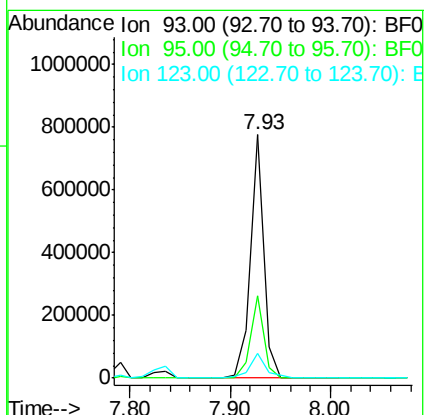
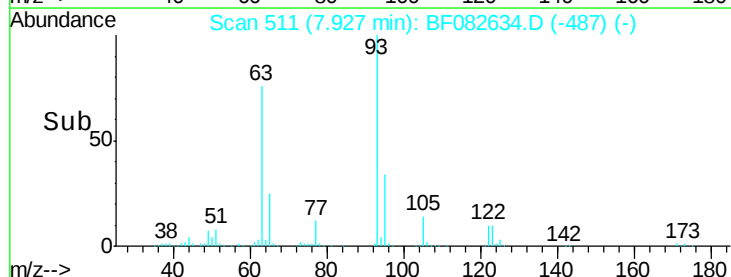
123 9.9 9.7 14.5

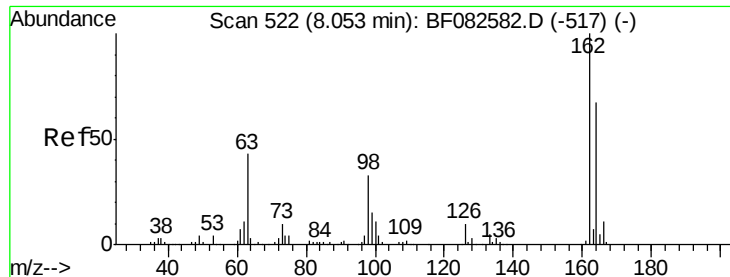


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

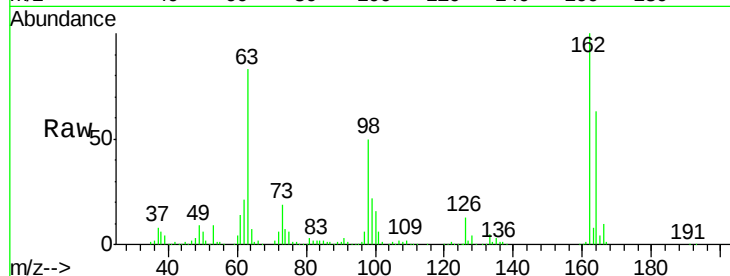




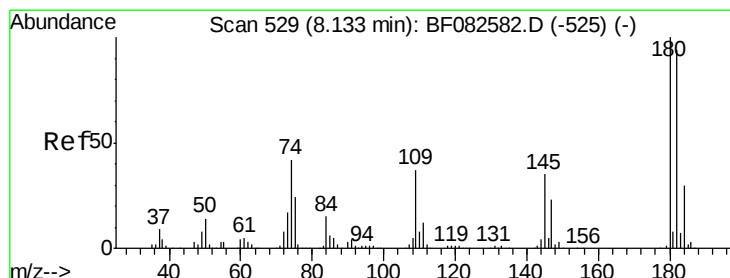
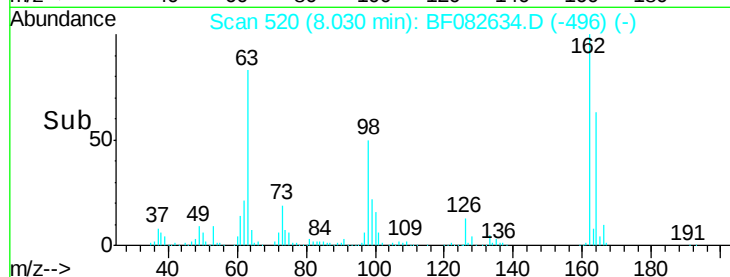
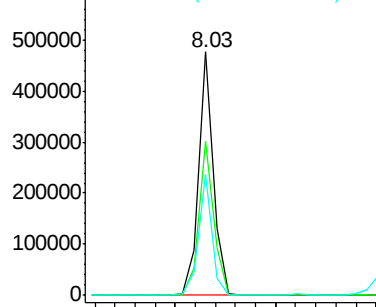
#29
 2,4-Dichlorophenol
 Concen: 35.51 ng
 RT: 8.03 min Scan# 520
 Delta R.T. -0.02 min
 Lab File: BF082634.D
 Acq: 2 Nov 2015 16:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	46.8	86.8
98	49.6	12.5	52.5

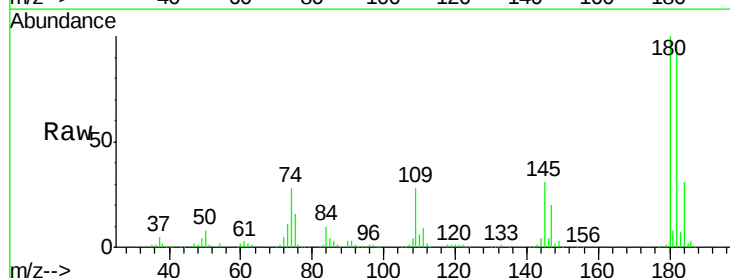


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

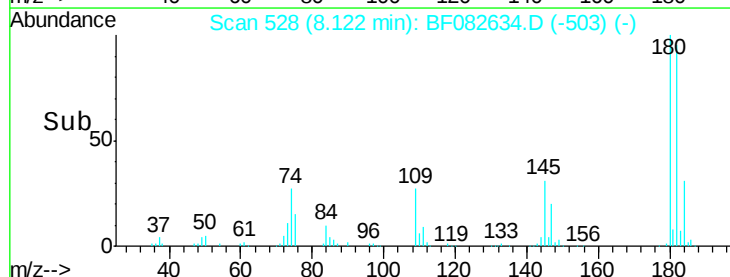
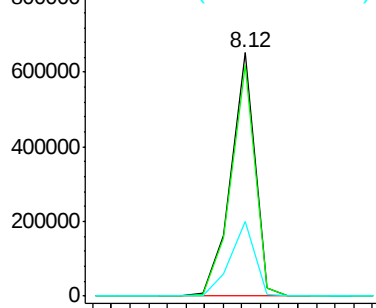


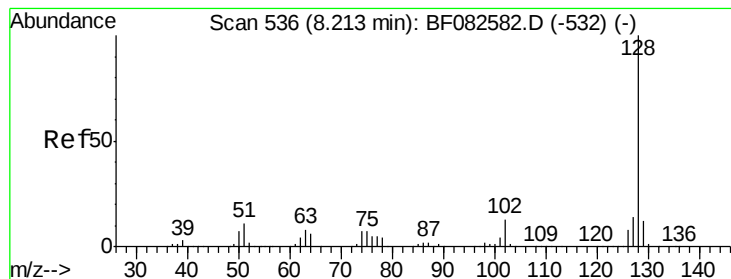
#30
 1,2,4-Trichlorobenzene
 Concen: 38.40 ng
 RT: 8.12 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: BF082634.D
 Acq: 2 Nov 2015 16:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	74.9	112.3
145	30.6	27.8	41.8



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: 37.75 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF082634.D

Acq: 2 Nov 2015 16:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

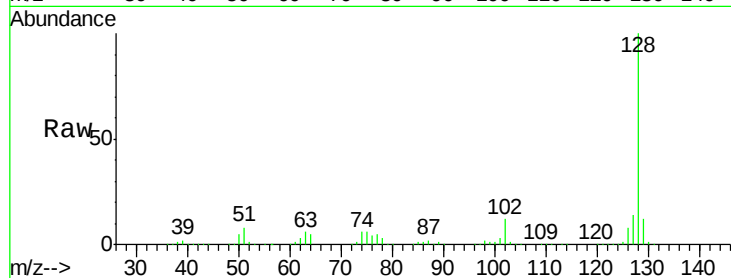
Tot Ion:128 Resp: 1725574

Ion Ratio Lower Upper

128 100

129 12.1 9.5 14.3

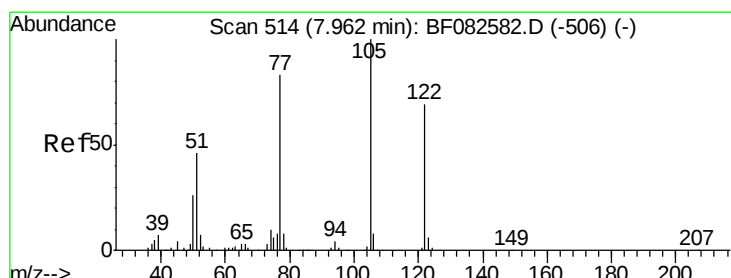
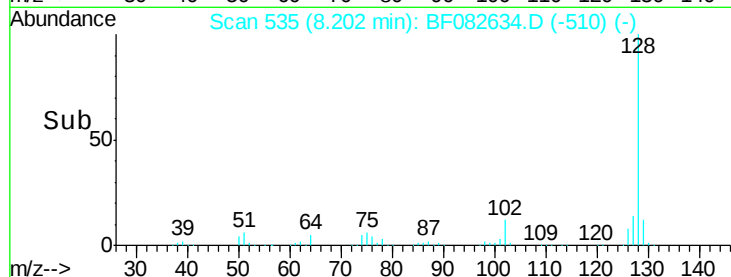
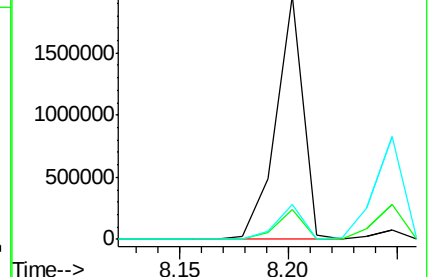
127 14.4 11.4 17.0



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: 35.63 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.01 min

Lab File: BF082634.D

Acq: 2 Nov 2015 16:33

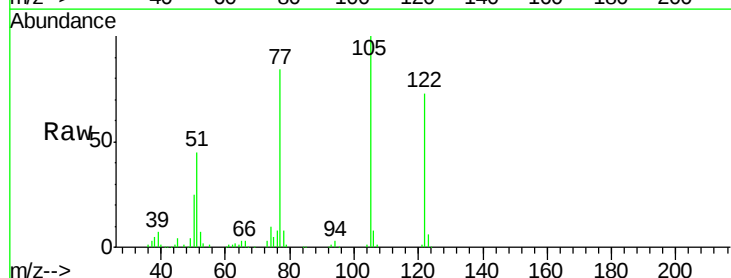
Tgt Ion:122 Resp: 385422

Ion Ratio Lower Upper

122 100

105 137.9 122.6 162.6

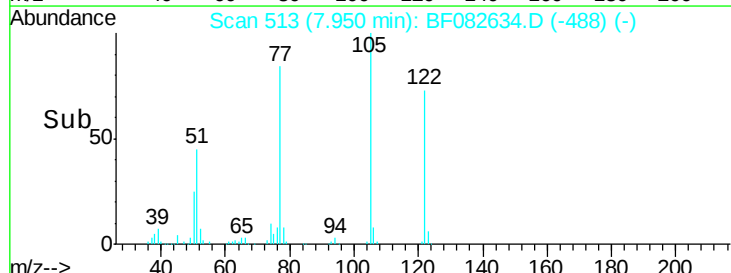
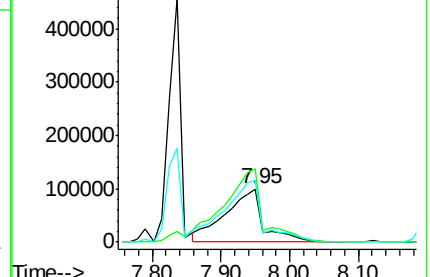
77 116.2 100.9 140.9

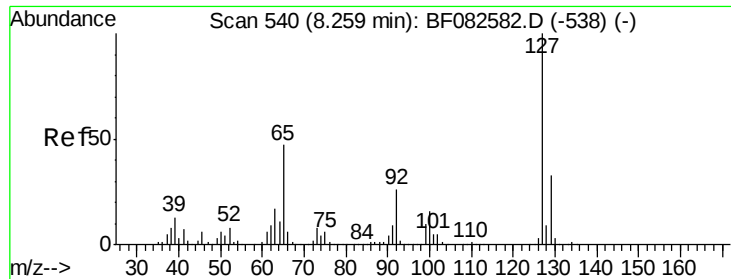


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

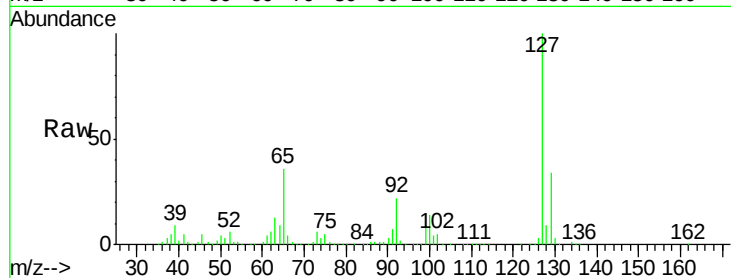




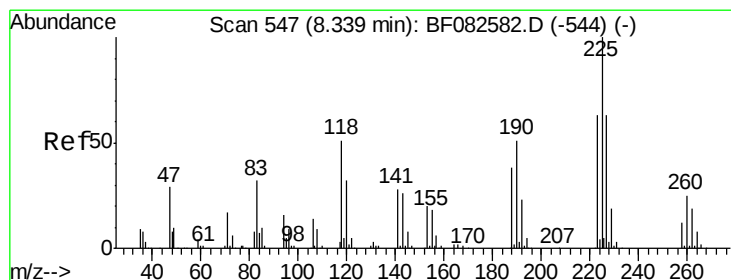
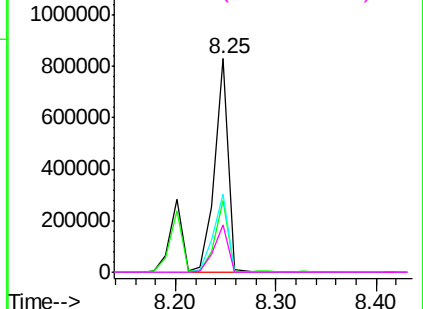
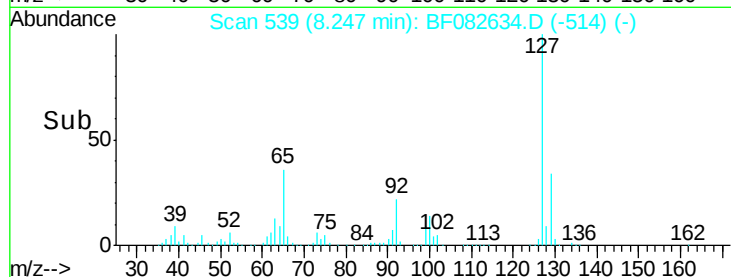
#33
4-Chloroaniline
Concen: 39.49 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF082634.D
Acq: 2 Nov 2015 16:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	770500
Ion	Ratio	Lower	Upper
127	100		
129	33.8	26.3	39.5
65	36.3	37.8	56.8#
92	22.4	20.6	31.0

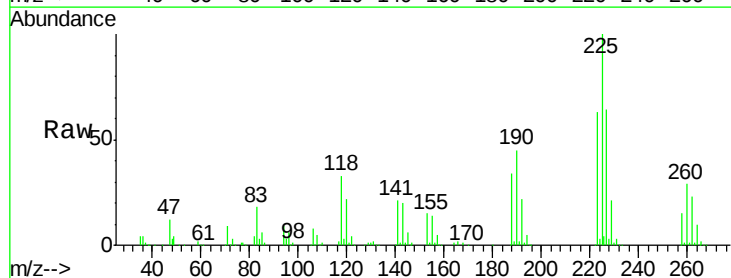


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

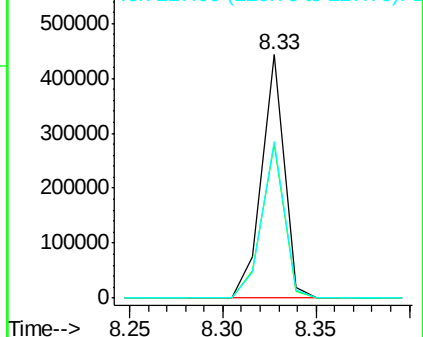
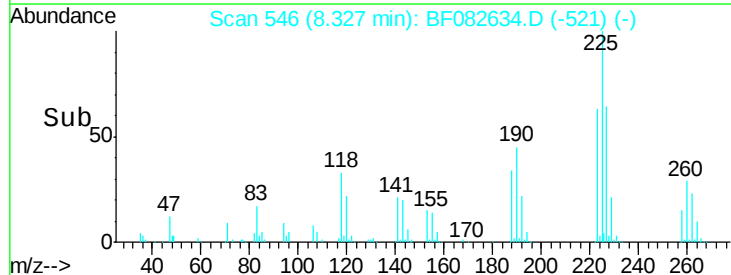


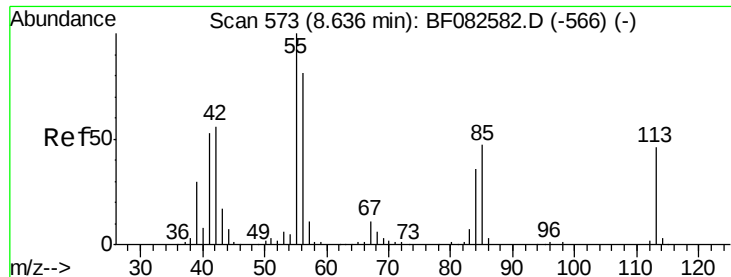
#34
Hexachlorobutadiene
Concen: 38.52 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF082634.D
Acq: 2 Nov 2015 16:33

Tgt Ion:	225	Resp:	369498
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.5	75.7
227	64.3	50.2	75.2



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

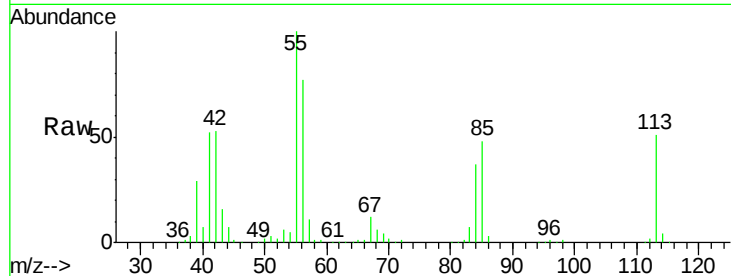




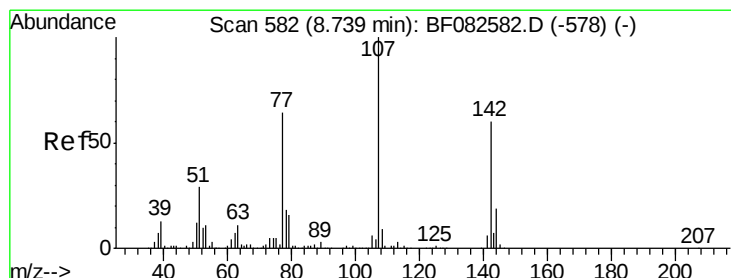
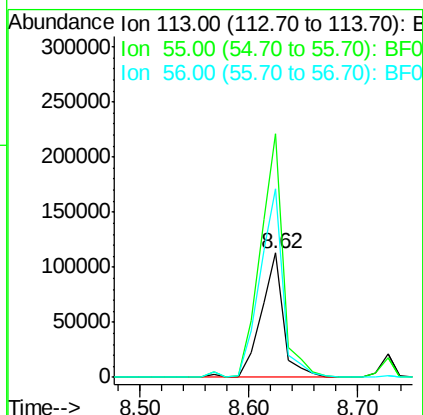
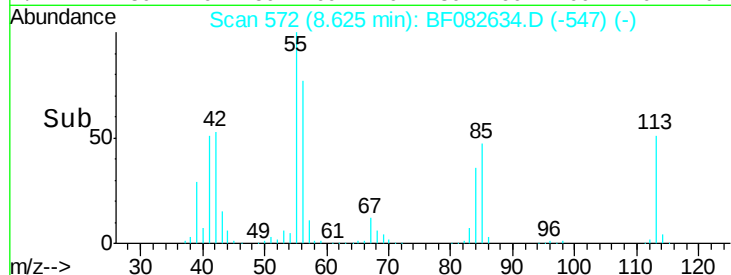
#35
 Caprolactam
 Concen: 38.53 ng
 RT: 8.62 min Scan# 572
 Delta R.T. -0.01 min
 Lab File: BF082634.D
 Acq: 2 Nov 2015 16:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 160664
 Ion Ratio Lower Upper
 113 100
 55 196.3 195.5 235.5
 56 151.8 153.5 193.5#

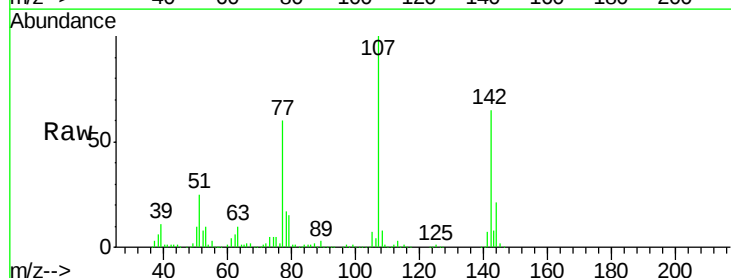


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

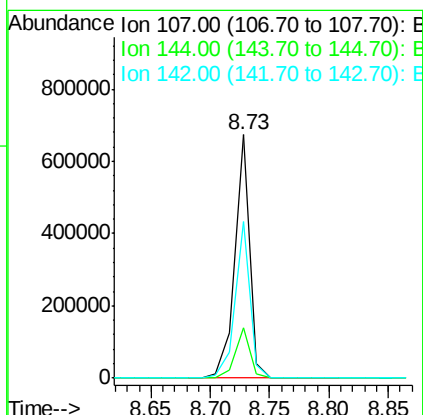
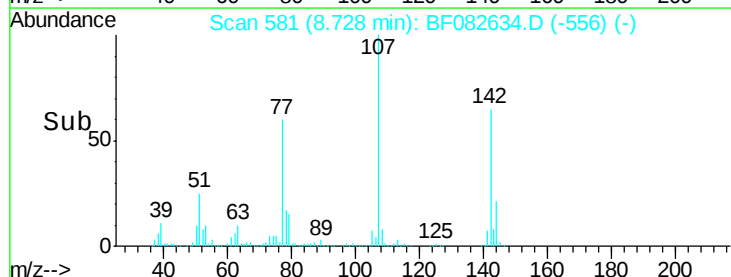


#36
 4-Chloro-3-methylphenol
 Concen: 36.55 ng
 RT: 8.73 min Scan# 581
 Delta R.T. -0.01 min
 Lab File: BF082634.D
 Acq: 2 Nov 2015 16:33

Tgt Ion:107 Resp: 584852
 Ion Ratio Lower Upper
 107 100
 144 20.5 15.4 23.0
 142 64.6 47.8 71.8



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

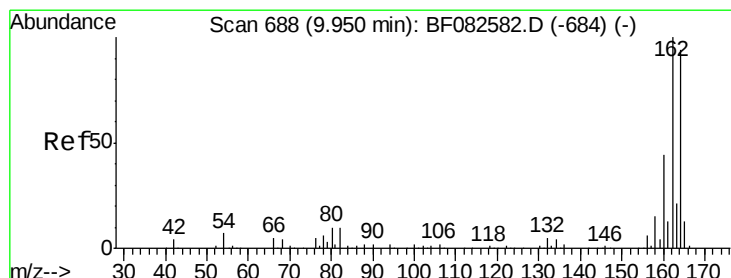
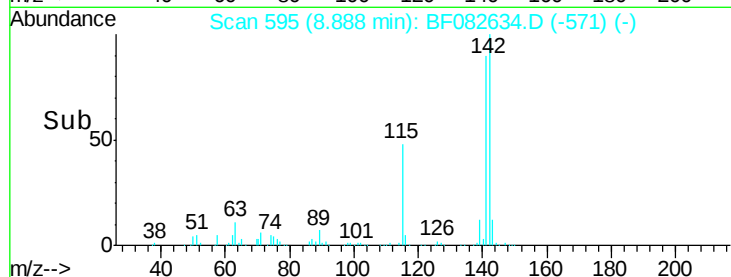
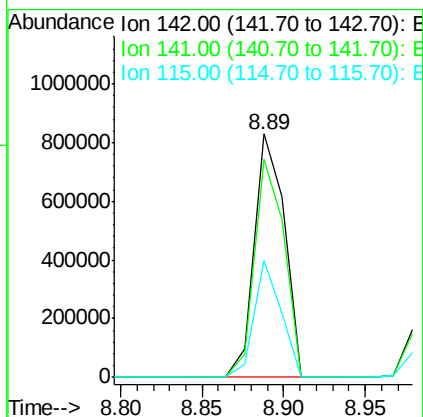
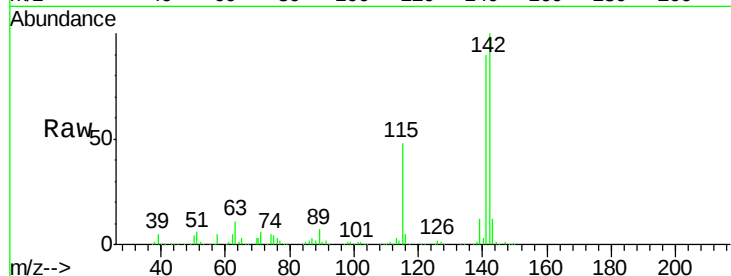




#37
2-Methylnaphthalene
Concen: 35.74 ng
RT: 8.89 min Scan# 595
Delta R.T. -0.02 min
Lab File: BF082634.D
Acq: 2 Nov 2015 16:33

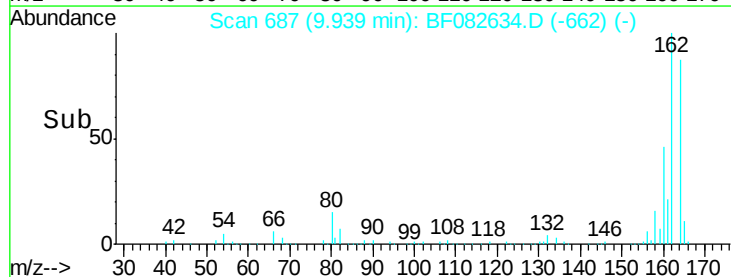
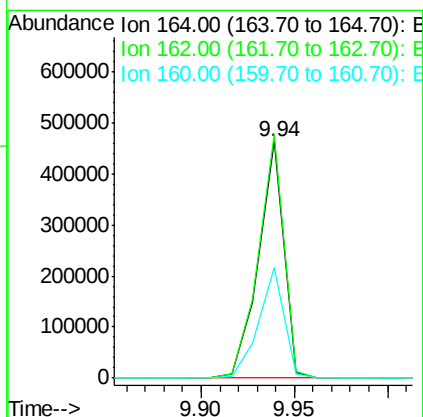
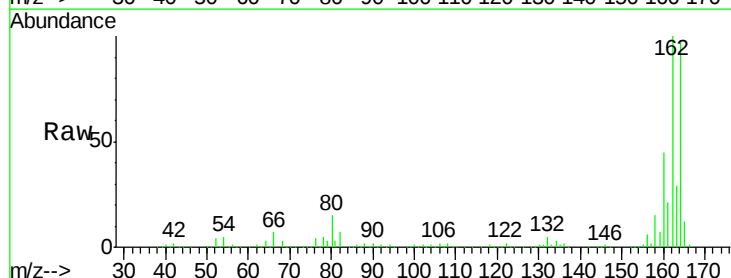
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

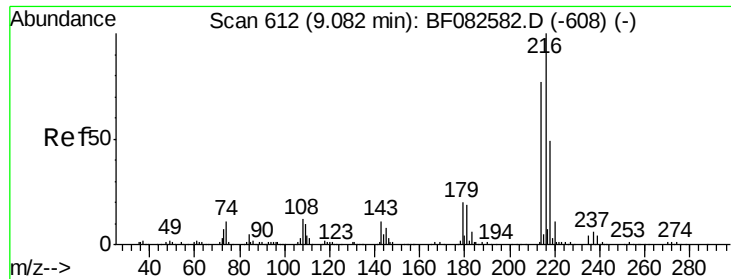
Tot Ion:142 Resp: 1058606
Ion Ratio Lower Upper
142 100
141 89.7 72.3 108.5
115 48.1 38.1 57.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF082634.D
Acq: 2 Nov 2015 16:33

Tgt Ion:164 Resp: 433843
Ion Ratio Lower Upper
164 100
162 102.8 84.9 127.3
160 46.5 37.5 56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.48 ng

RT: 9.06 min Scan# 610

Delta R.T. -0.02 min

Lab File: BF082634.D

Acq: 2 Nov 2015 16:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 499229

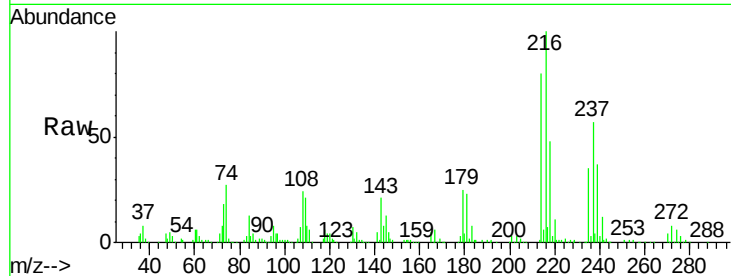
Ion Ratio Lower Upper

216 100

214 79.7 62.2 93.2

179 23.7 18.1 27.1

108 23.8 16.6 25.0

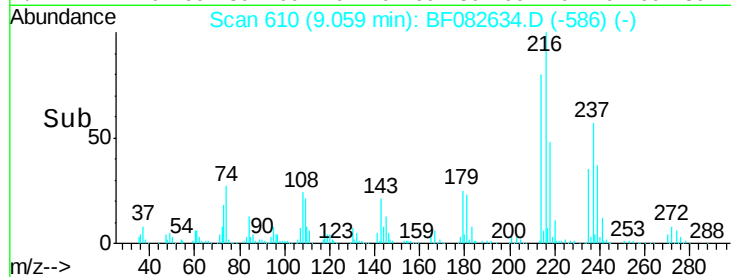


Abundance Ion 216.00 (215.70 to 216.70): E

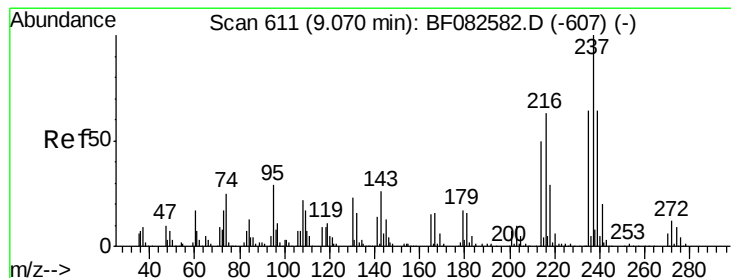
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 37.29 ng

RT: 9.06 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF082634.D

Acq: 2 Nov 2015 16:33

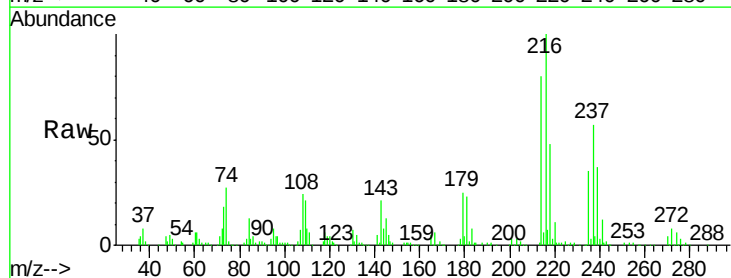
Tgt Ion:237 Resp: 339399

Ion Ratio Lower Upper

237 100

235 62.1 44.3 84.3

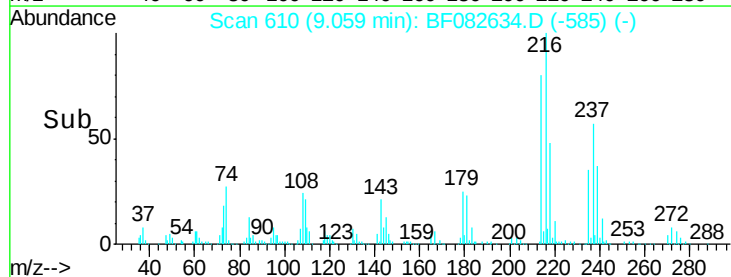
272 13.8 0.0 31.9



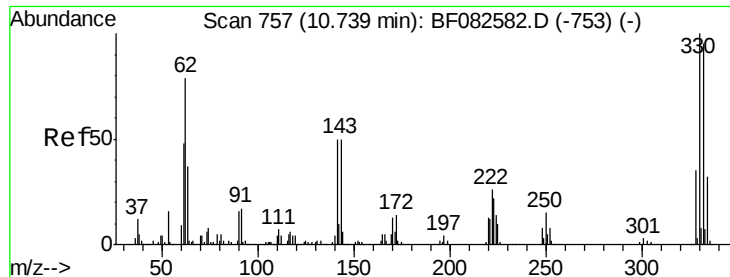
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



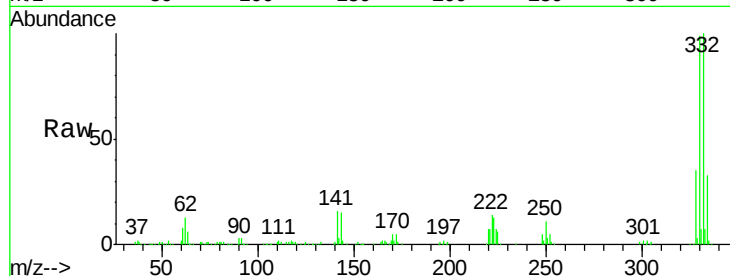
Time-->



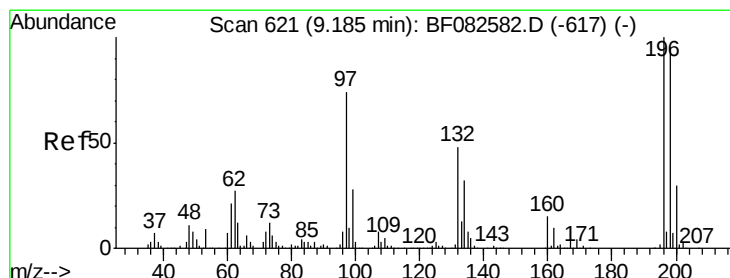
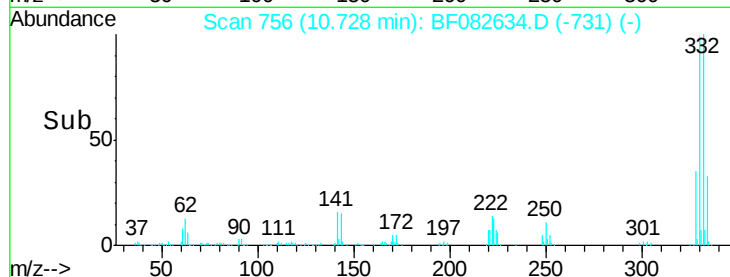
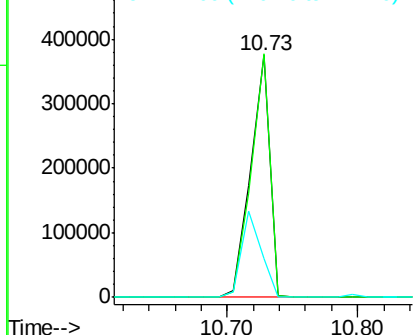
#41
 2,4,6-Tribromophenol
 Concen: 81.26 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF082634.D
 Acq: 2 Nov 2015 16:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:330 Resp: 385808
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.6 114.8
 141 36.0 41.2 61.8#

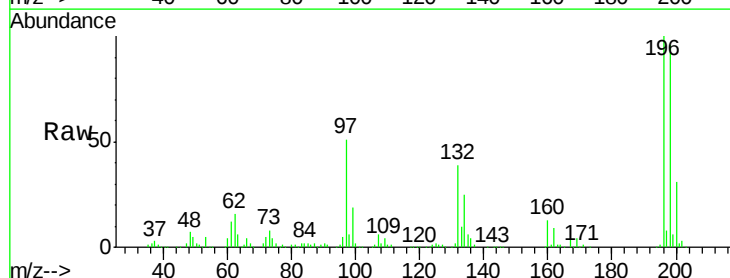


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

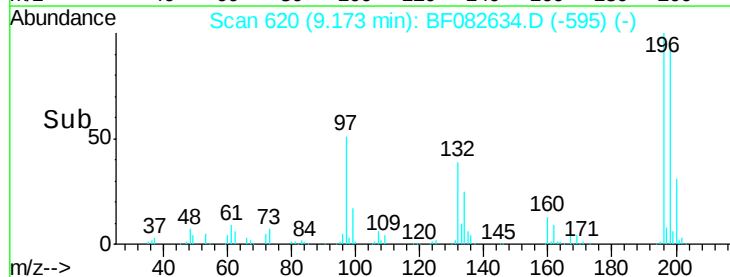
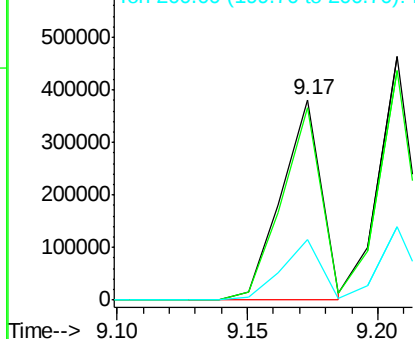


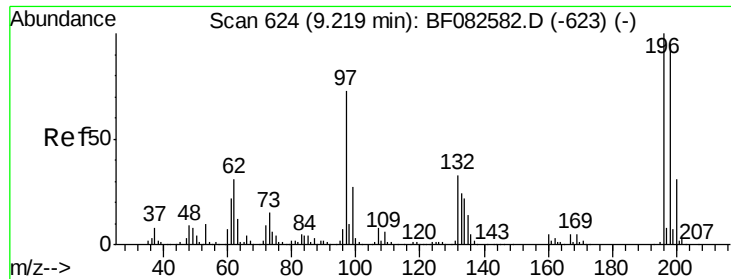
#42
 2,4,6-Trichlorophenol
 Concen: 38.86 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF082634.D
 Acq: 2 Nov 2015 16:33

Tgt Ion:196 Resp: 406243
 Ion Ratio Lower Upper
 196 100
 198 96.1 76.3 114.5
 200 30.5 23.9 35.9



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

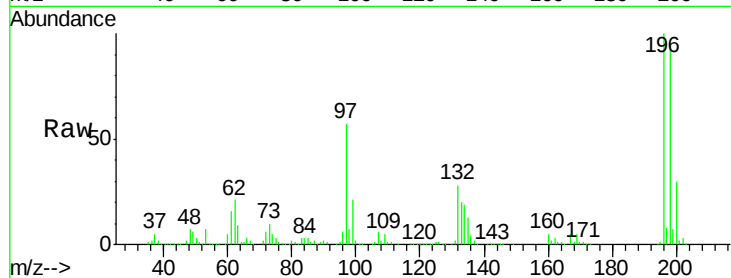




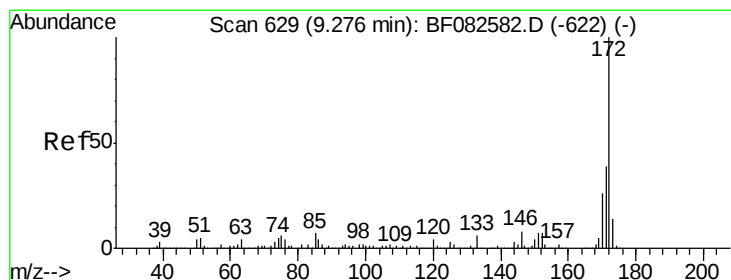
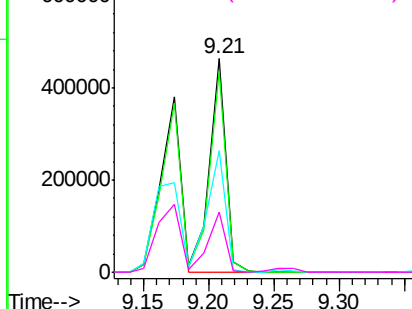
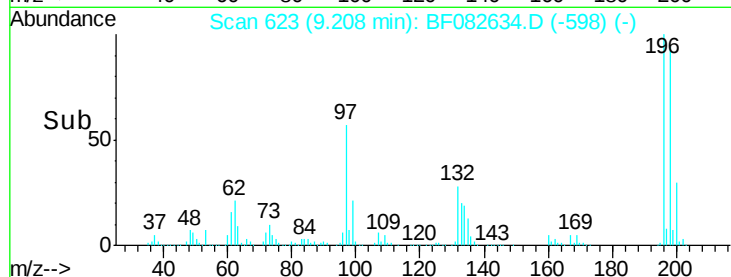
#43
2,4,5-Trichlorophenol
Concen: 38.90 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.01 min
Lab File: BF082634.D
Acq: 2 Nov 2015 16:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:196 Resp: 405118
Ion Ratio Lower Upper
196 100
198 94.4 75.8 113.8
97 56.9 62.3 93.5#
132 28.3 27.4 41.2

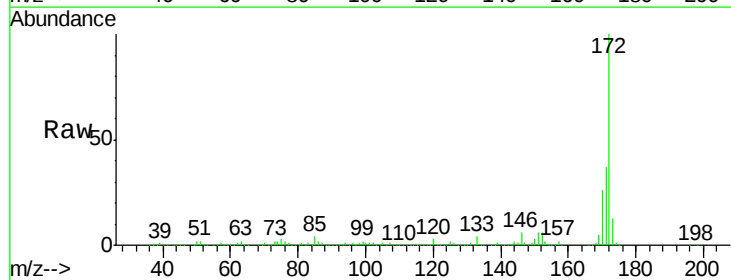


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

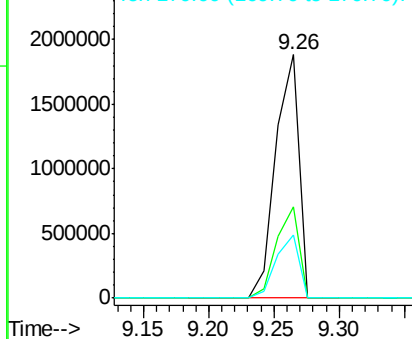
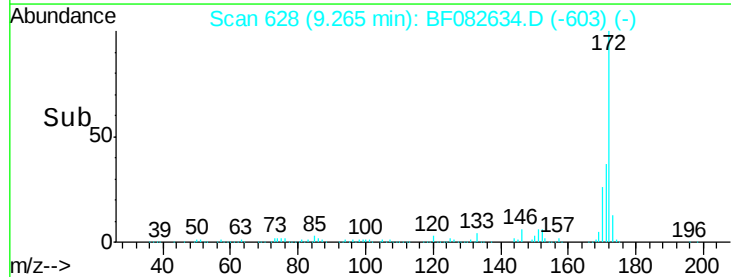


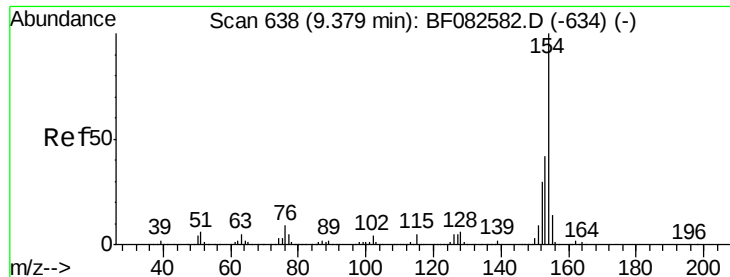
#44
2-Fluorobiphenyl
Concen: 77.20 ng
RT: 9.26 min Scan# 628
Delta R.T. -0.01 min
Lab File: BF082634.D
Acq: 2 Nov 2015 16:33

Tgt Ion:172 Resp: 2359040
Ion Ratio Lower Upper
172 100
171 37.4 30.8 46.2
170 25.7 21.2 31.8



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: 34.27 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.02 min

Lab File: BF082634.D

Acq: 2 Nov 2015 16:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

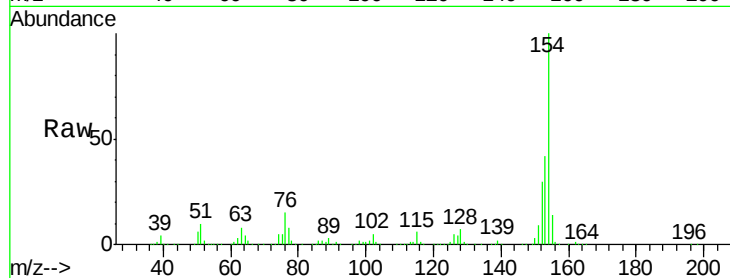
Tot Ion:154 Resp: 1255756

Ion Ratio Lower Upper

154 100

153 41.6 22.0 62.0

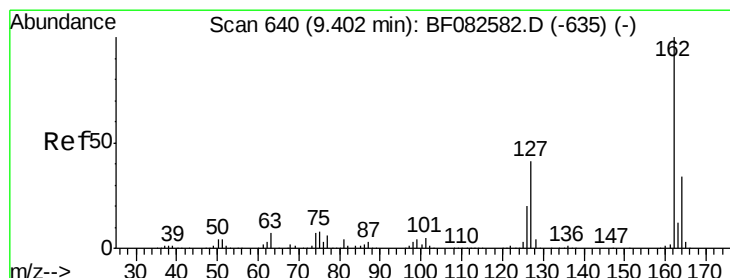
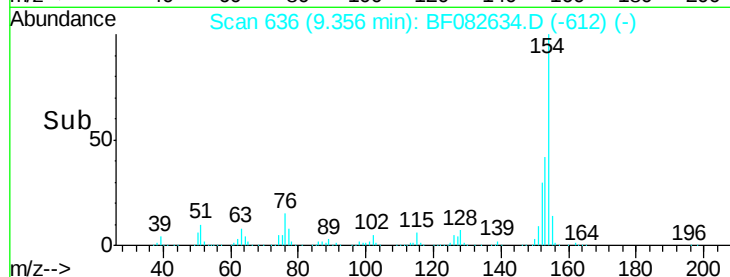
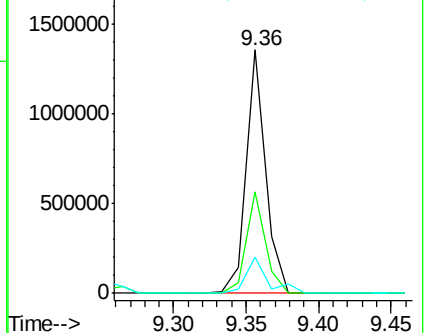
76 14.7 0.0 29.0



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: 35.11 ng

RT: 9.38 min Scan# 638

Delta R.T. -0.02 min

Lab File: BF082634.D

Acq: 2 Nov 2015 16:33

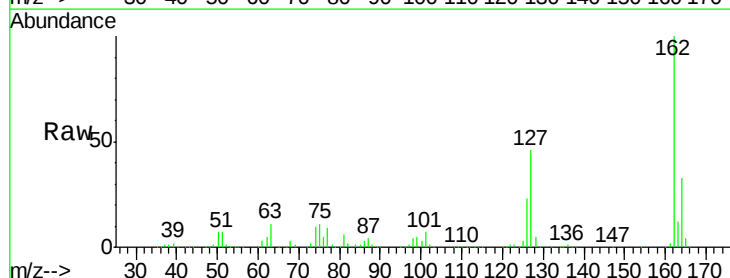
Tgt Ion:162 Resp: 1004814

Ion Ratio Lower Upper

162 100

127 46.0 32.7 49.1

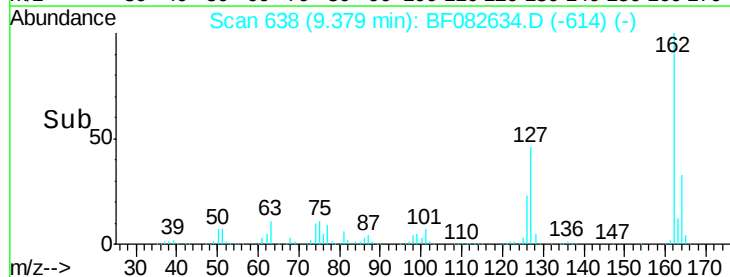
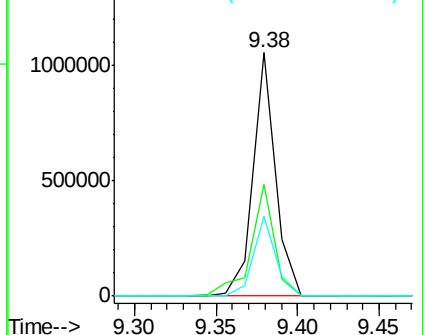
164 33.0 27.4 41.0

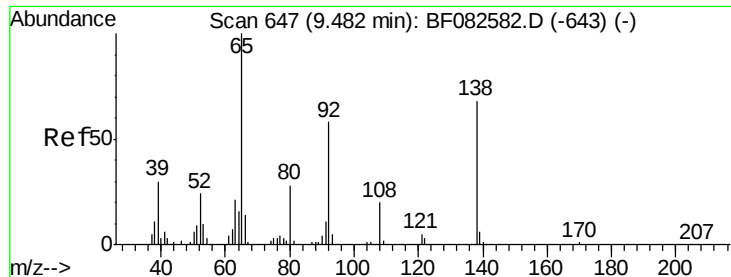


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

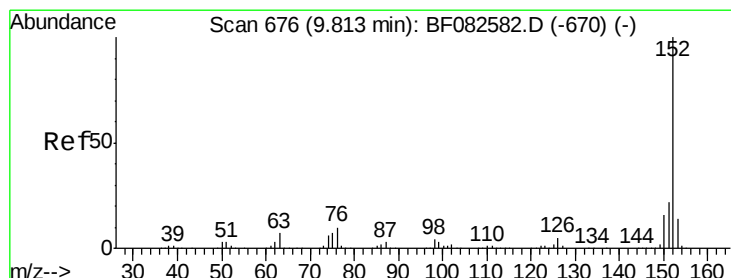
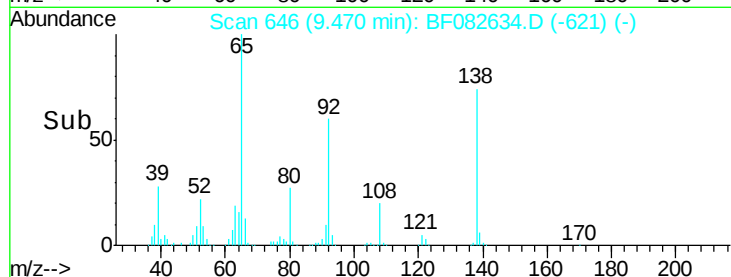
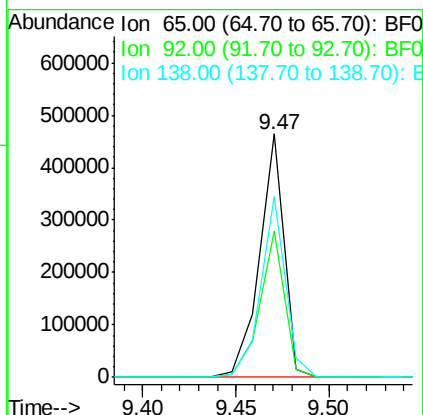
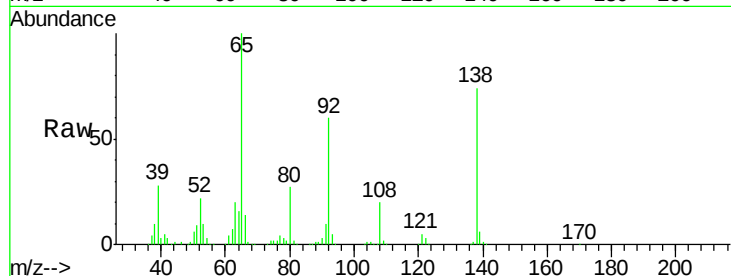




#47
2-Nitroaniline
Concen: 37.65 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.01 min
Lab File: BF082634.D
Acq: 2 Nov 2015 16:33

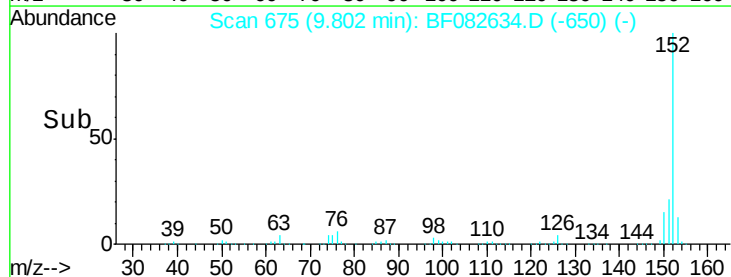
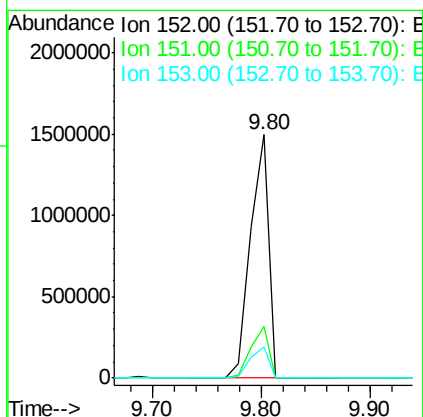
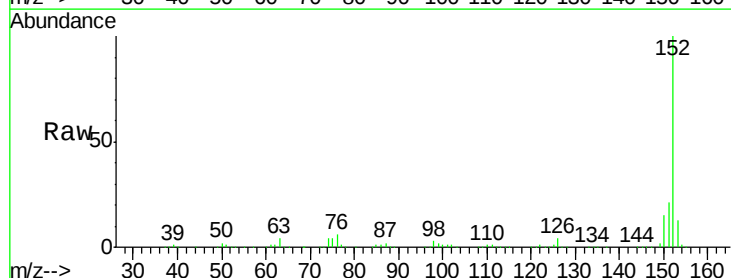
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

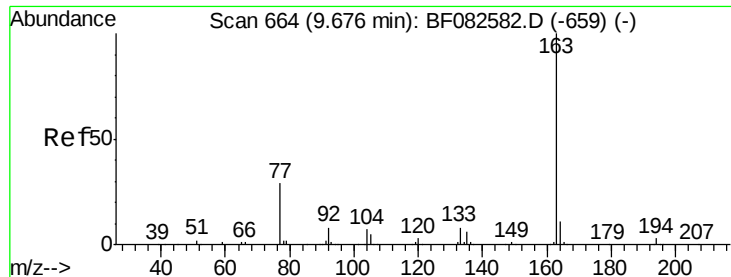
Tot Ion: 65 Resp: 418795
Ion Ratio Lower Upper
65 100
92 60.1 46.6 70.0
138 74.2 54.6 81.8



#48
Acenaphthylene
Concen: 38.01 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF082634.D
Acq: 2 Nov 2015 16:33

Tgt Ion: 152 Resp: 1739534
Ion Ratio Lower Upper
152 100
151 21.2 17.3 25.9
153 13.0 11.3 16.9

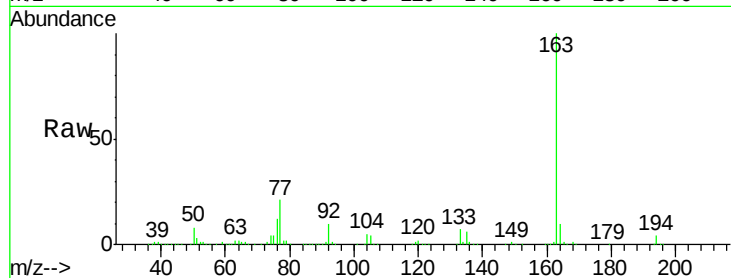




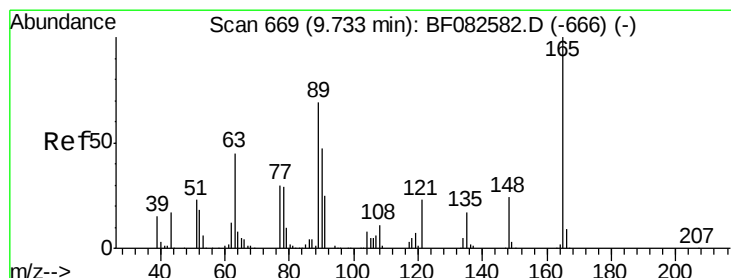
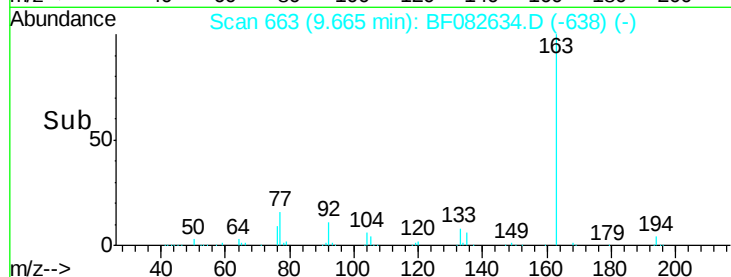
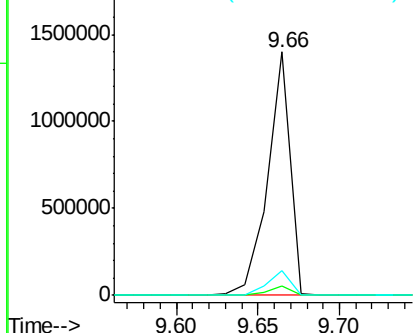
#49
Dimethylphthalate
Concen: 37.95 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF082634.D
Acq: 2 Nov 2015 16:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 1344451
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 10.3 8.7 13.1

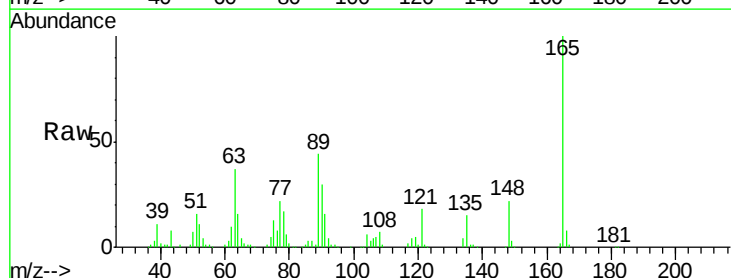


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

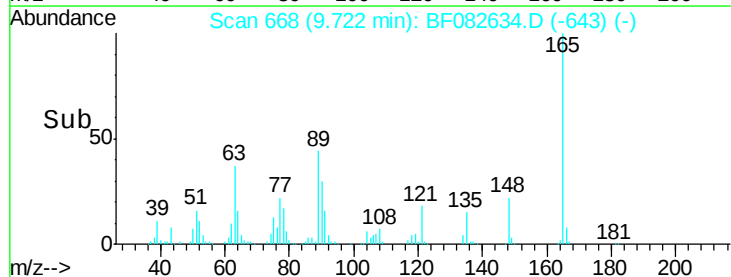
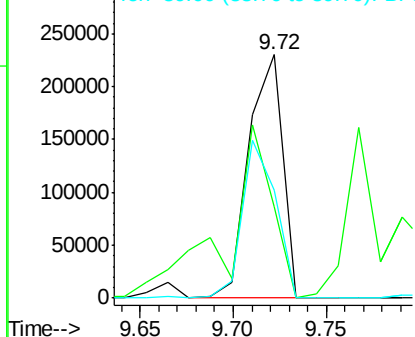


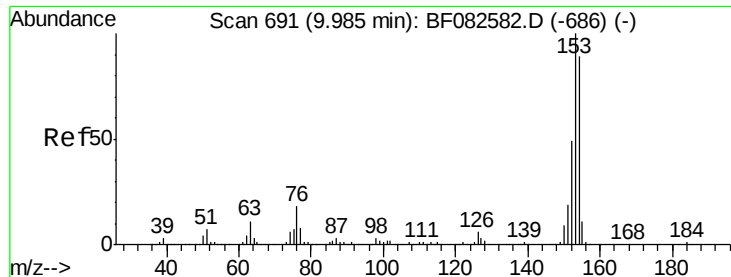
#50
2,6-Dinitrotoluene
Concen: 39.25 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF082634.D
Acq: 2 Nov 2015 16:33

Tgt Ion:165 Resp: 288264
Ion Ratio Lower Upper
165 100
63 37.4 55.5 83.3#
89 44.4 55.0 82.6#



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: 39.65 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF082634.D

Acq: 2 Nov 2015 16:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

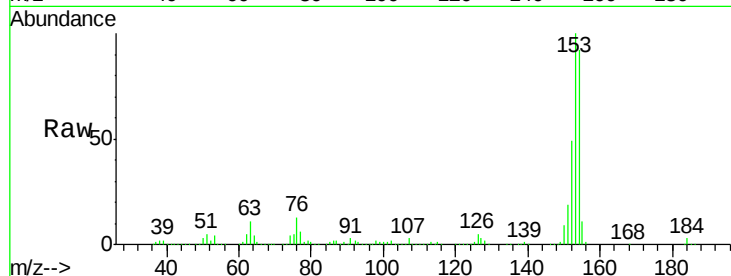
Tot Ion:154 Resp: 1151902

Ion Ratio Lower Upper

154 100

153 109.2 90.1 135.1

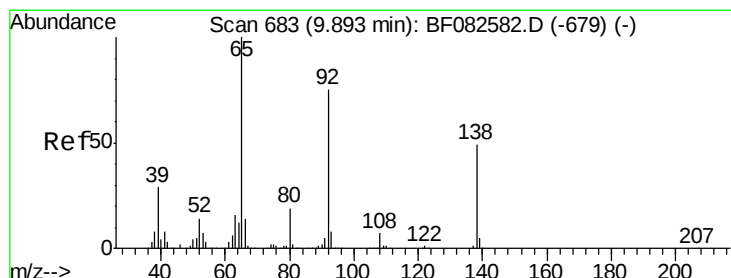
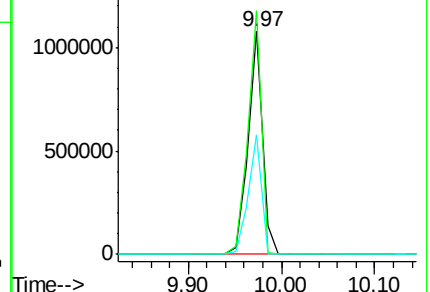
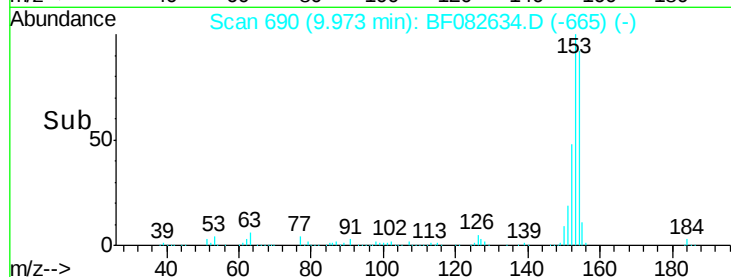
152 53.5 44.3 66.5



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: 34.27 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF082634.D

Acq: 2 Nov 2015 16:33

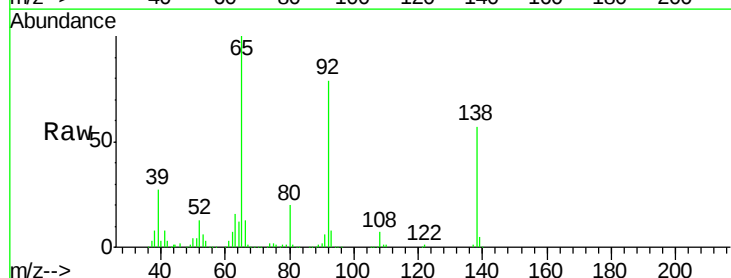
Tgt Ion:138 Resp: 280003

Ion Ratio Lower Upper

138 100

108 11.9 11.3 16.9

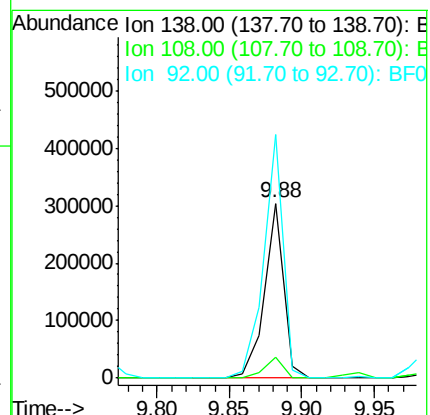
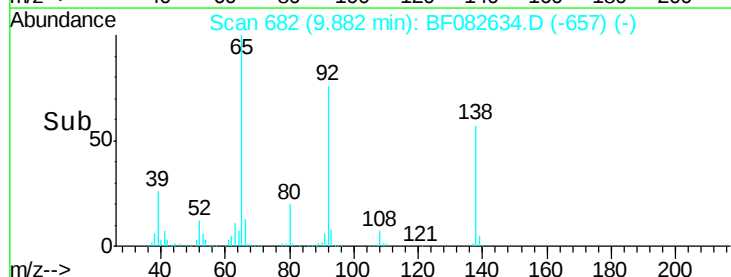
92 139.3 122.4 183.6

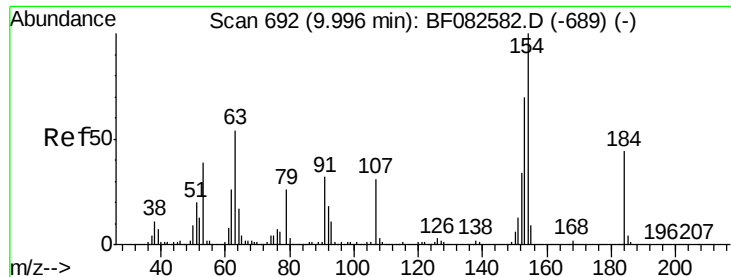


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

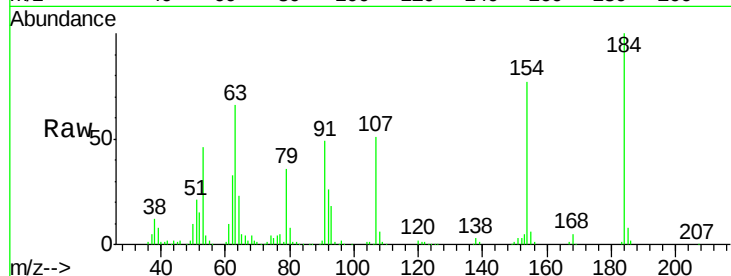




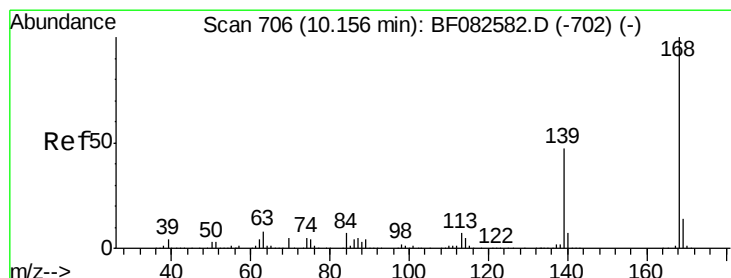
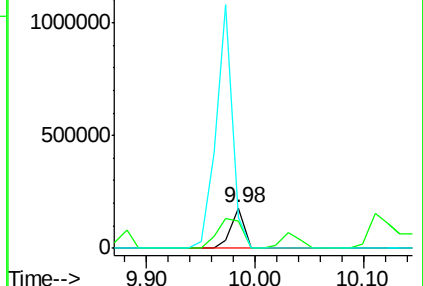
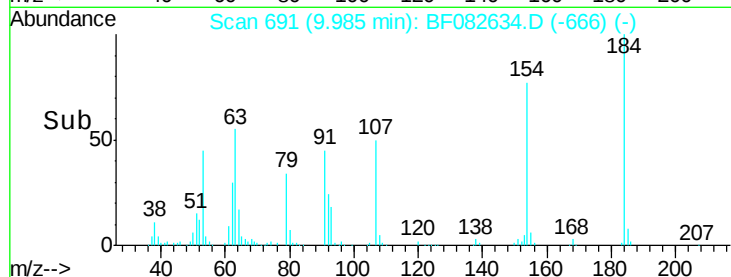
#53
2,4-Dinitrophenol
Concen: 42.46 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF082634.D
Acq: 2 Nov 2015 16:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:184 Resp: 152723
Ion Ratio Lower Upper
184 100
63 65.6 98.6 148.0#
154 77.4 183.9 275.9#

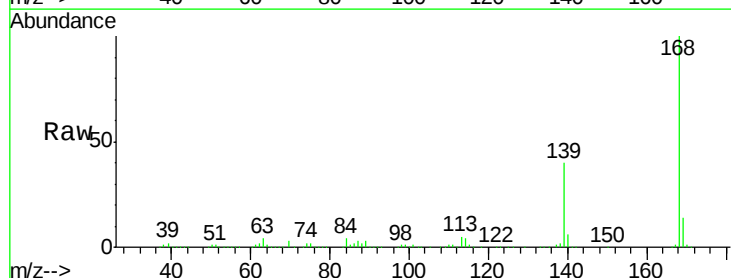


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

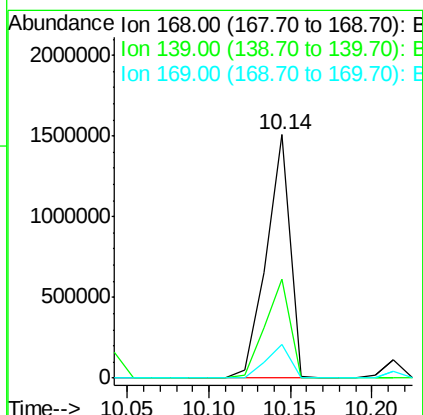
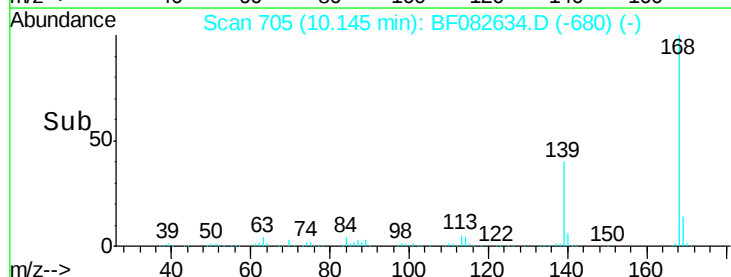


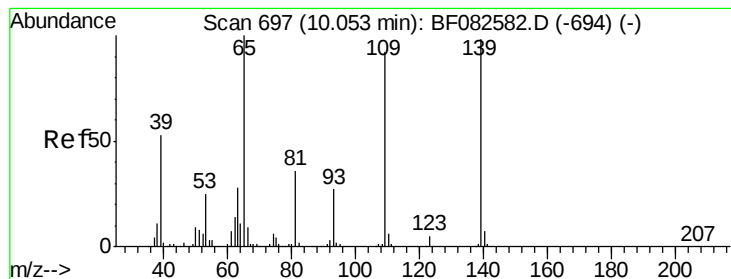
#54
Dibenzofuran
Concen: 38.55 ng
RT: 10.14 min Scan# 705
Delta R.T. -0.01 min
Lab File: BF082634.D
Acq: 2 Nov 2015 16:33

Tgt Ion:168 Resp: 1519961
Ion Ratio Lower Upper
168 100
139 40.4 37.8 56.6
169 13.9 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 37.55 ng

RT: 10.04 min Scan# 696

Delta R.T. -0.01 min

Lab File: BF082634.D

Acq: 2 Nov 2015 16:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

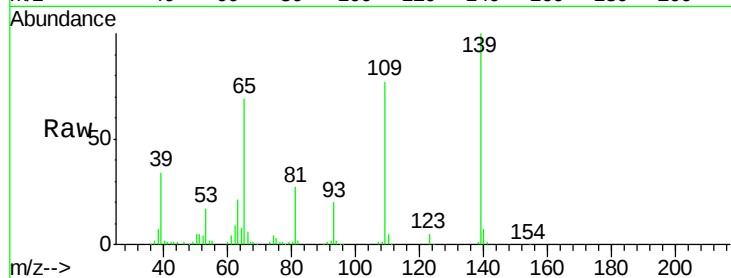
Tot Ion:139 Resp: 230848

Ion Ratio Lower Upper

139 100

109 77.2 73.7 113.7

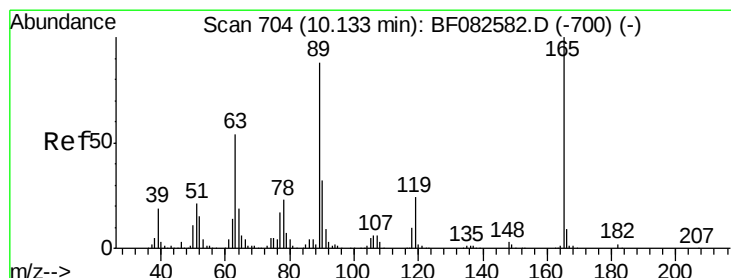
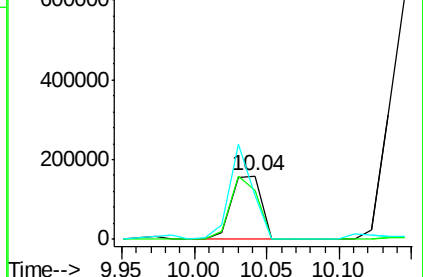
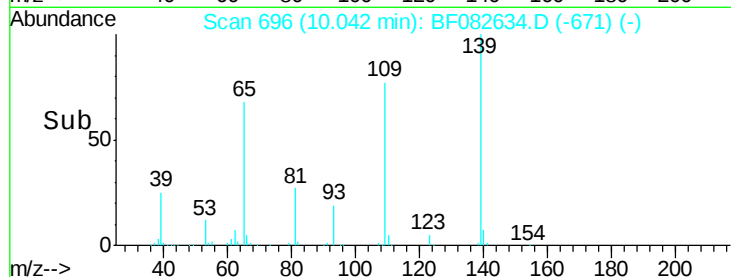
65 69.1 82.9 122.9#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 40.69 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF082634.D

Acq: 2 Nov 2015 16:33

Tgt Ion:165 Resp: 404095

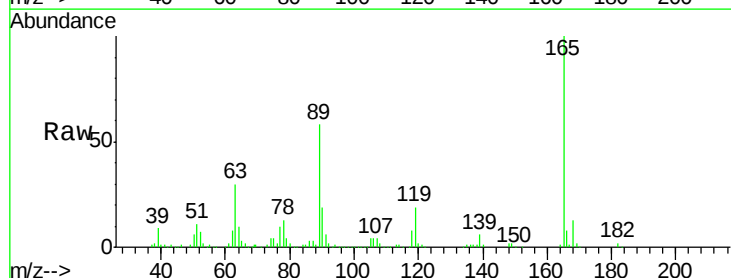
Ion Ratio Lower Upper

165 100

63 30.5 43.4 65.0#

89 58.1 70.6 106.0#

182 2.0 1.5 2.3

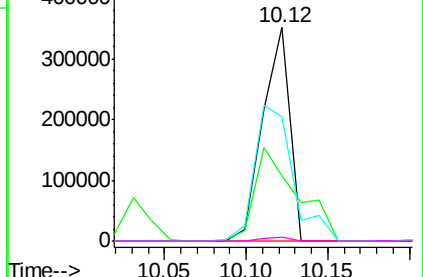
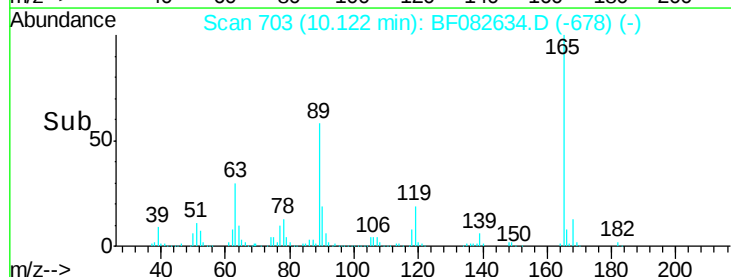


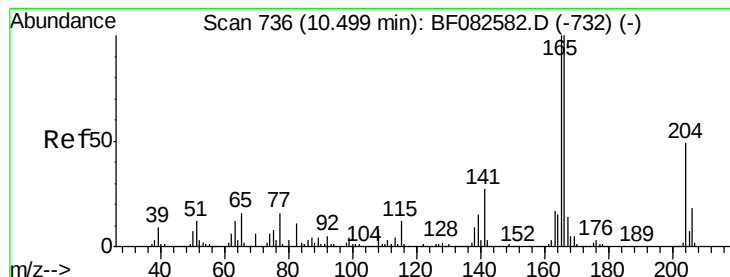
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 38.84 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF082634.D

Acq: 2 Nov 2015 16:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

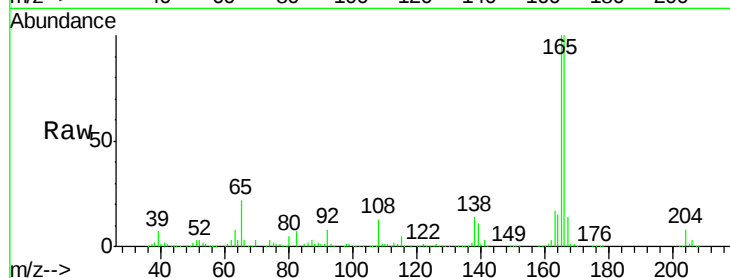
Tot Ion:166 Resp: 1235195

Ion Ratio Lower Upper

166 100

165 99.9 80.2 120.4

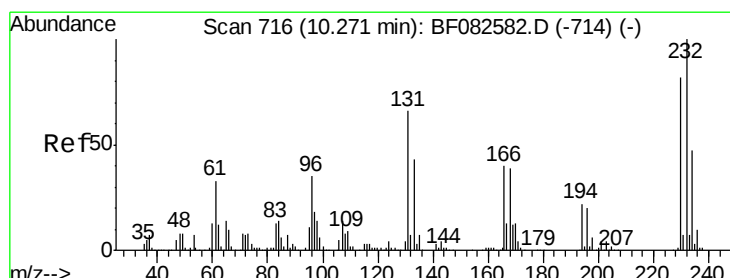
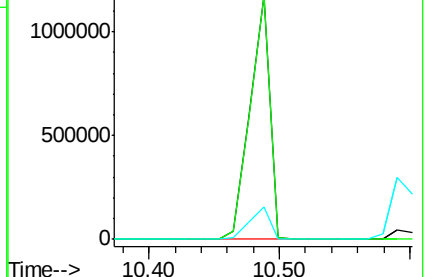
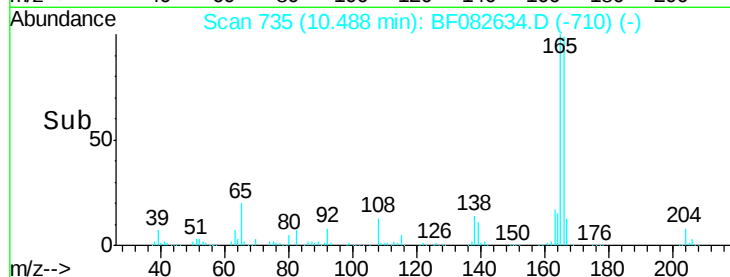
167 13.5 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.90 ng m

RT: 10.26 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF082634.D

Acq: 2 Nov 2015 16:33

Tgt Ion:232 Resp: 342416

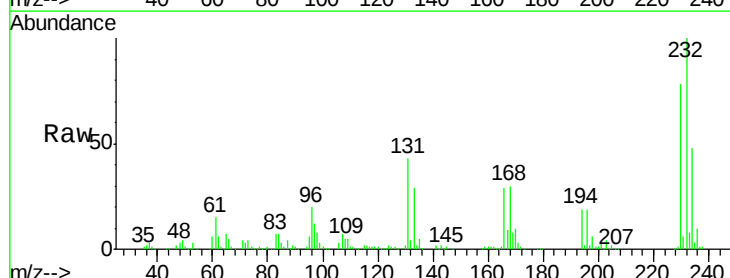
Ion Ratio Lower Upper

232 100

131 49.1 46.2 69.2

130 2.9 2.4 3.6

166 28.3 28.2 42.2

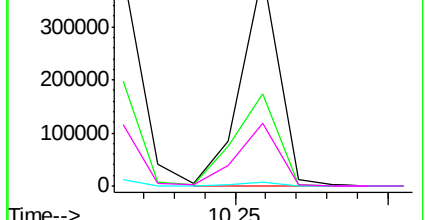
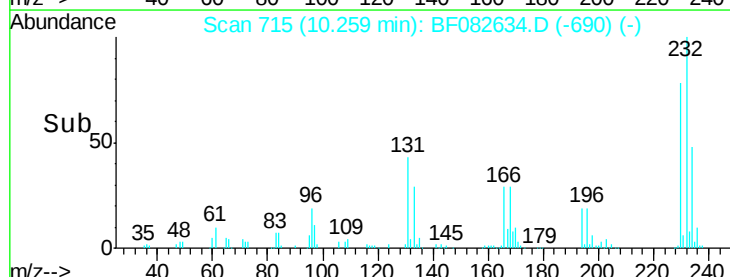


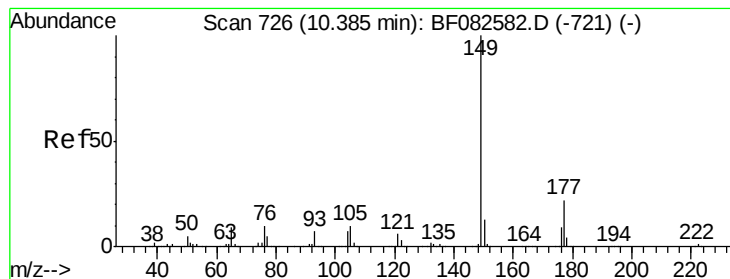
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 35.23 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF082634.D

Acq: 2 Nov 2015 16:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

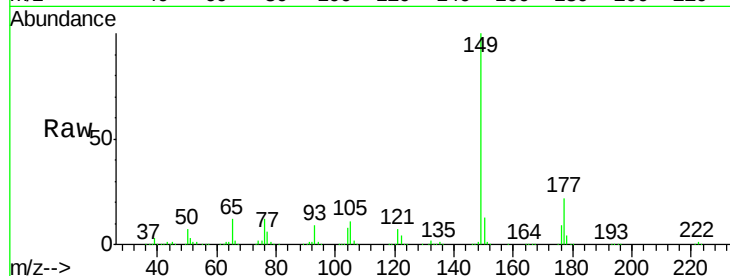
Tot Ion:149 Resp: 1270747

Ion Ratio Lower Upper

149 100

177 21.8 17.9 26.9

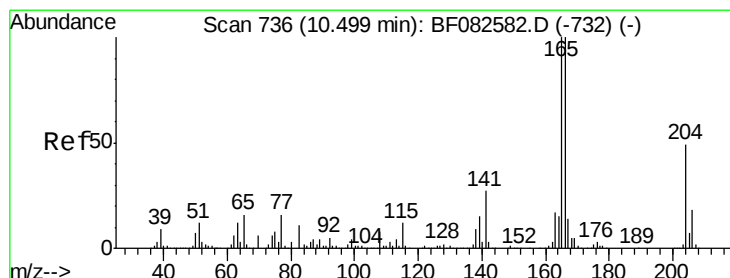
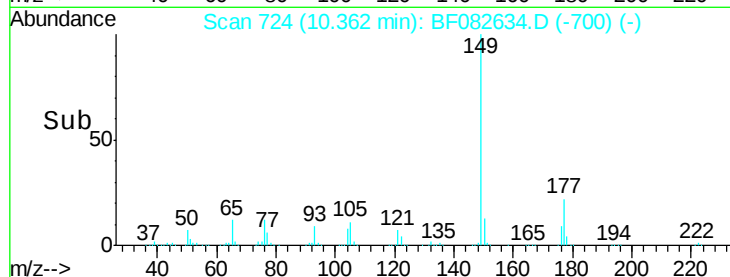
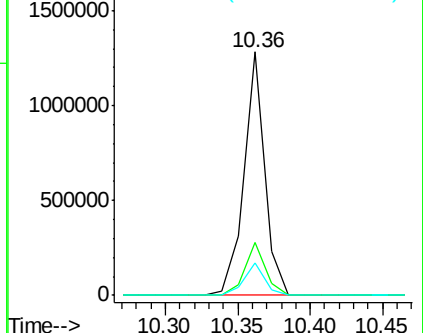
150 13.3 10.1 15.1



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: 33.73 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.02 min

Lab File: BF082634.D

Acq: 2 Nov 2015 16:33

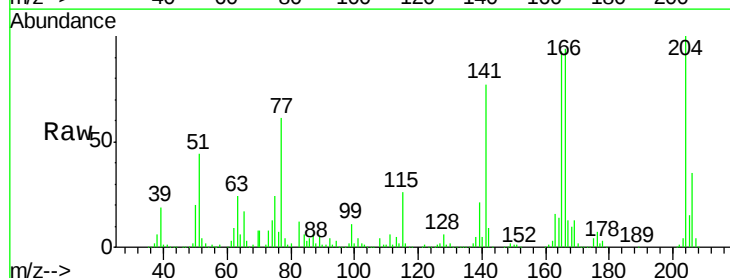
Tgt Ion:204 Resp: 521457

Ion Ratio Lower Upper

204 100

206 35.4 28.5 42.7

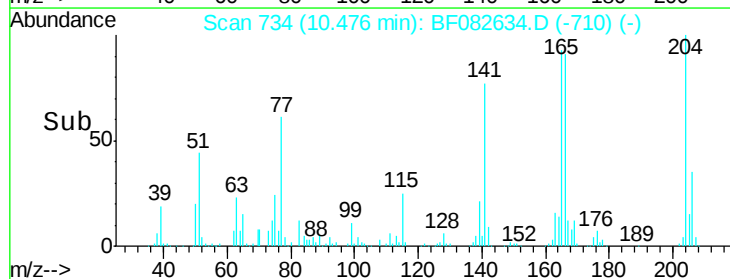
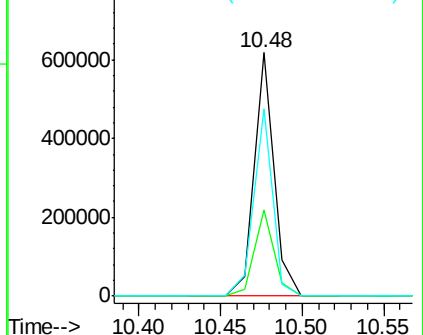
141 77.0 44.6 66.8#

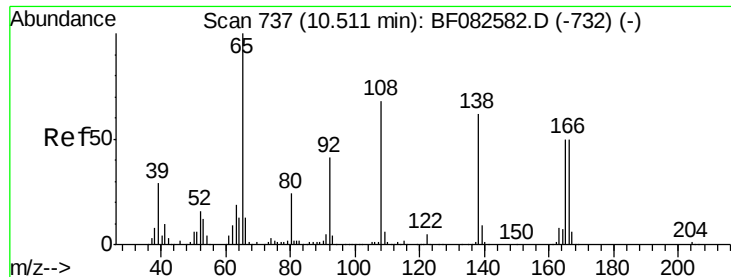


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 41.77 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF082634.D

Acq: 2 Nov 2015 16:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

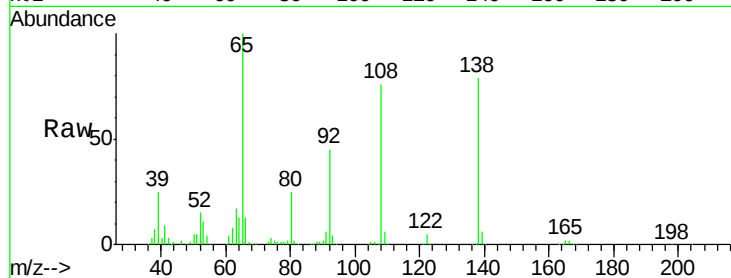
Tot Ion:138 Resp: 325647

Ion Ratio Lower Upper

138 100

92 56.3 45.8 85.8

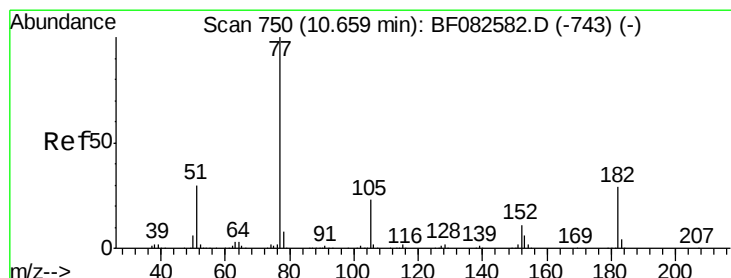
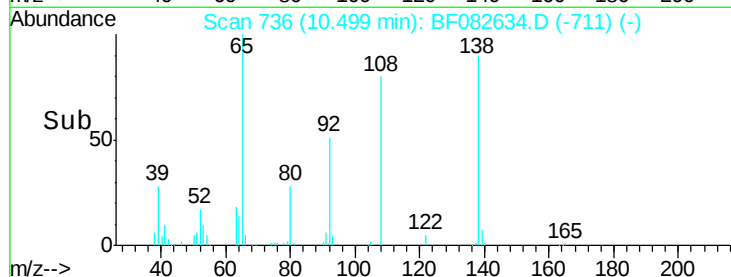
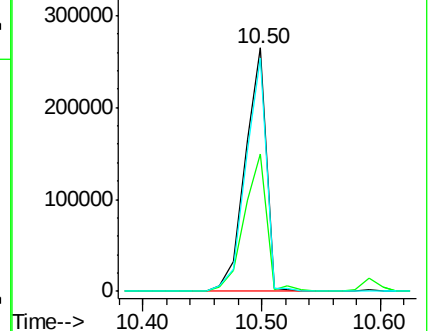
108 96.1 89.4 129.4



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: 31.77 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF082634.D

Acq: 2 Nov 2015 16:33

Tgt Ion: 77 Resp: 1292250

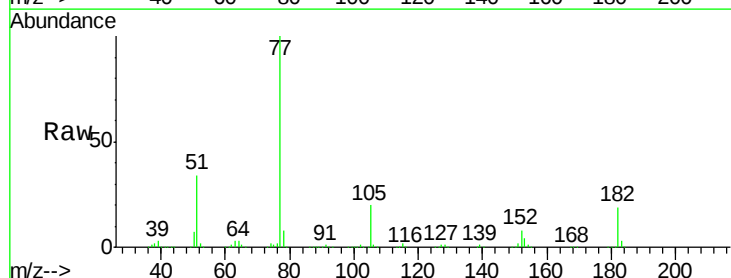
Ion Ratio Lower Upper

77 100

182 19.4 9.3 49.3

105 20.2 2.6 42.6

51 33.8 9.9 49.9

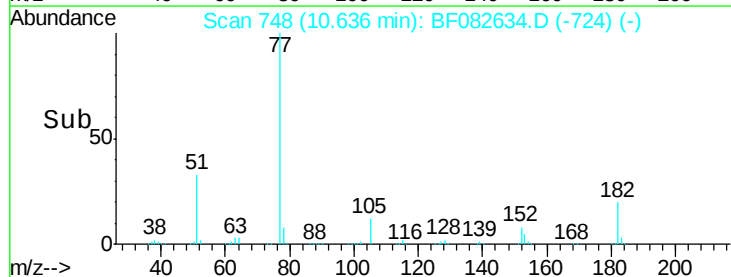
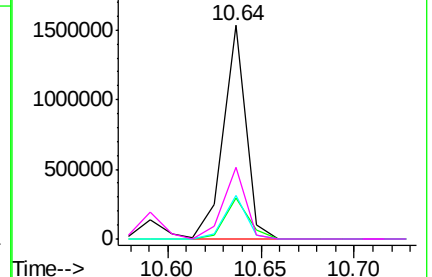


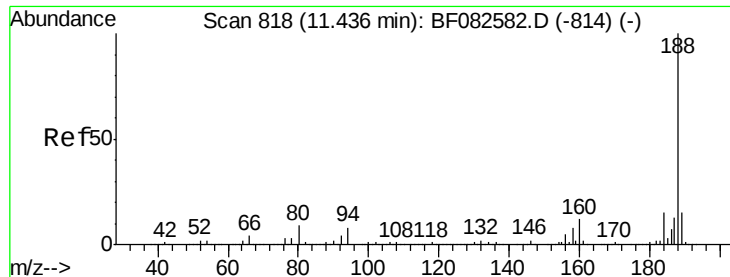
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

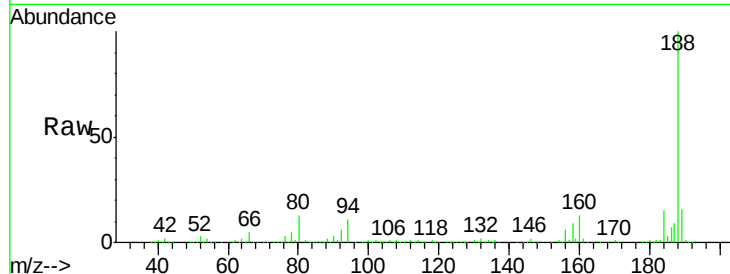




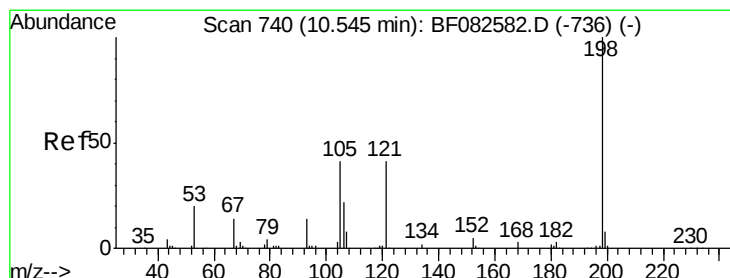
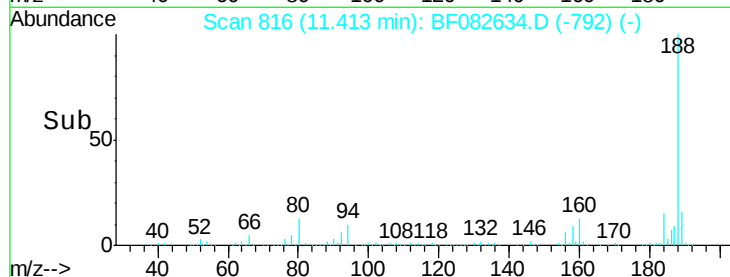
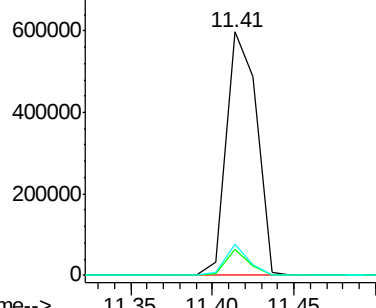
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.02 min
Lab File: BF082634.D
Acq: 2 Nov 2015 16:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:188 Resp: 770264
Ion Ratio Lower Upper
188 100
94 10.5 6.1 9.1#
80 12.8 7.0 10.6#

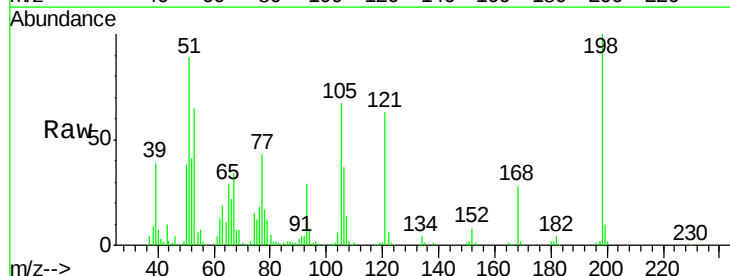


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

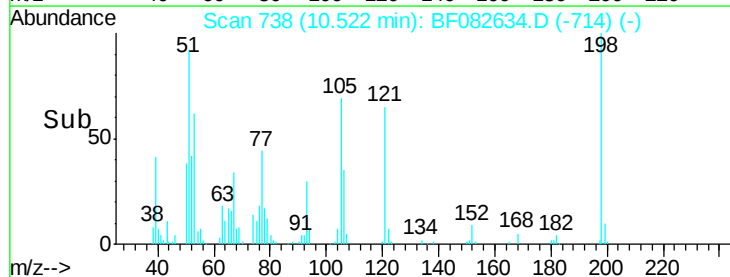
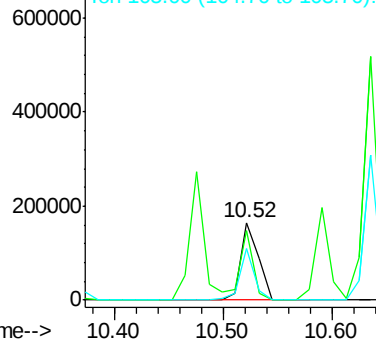


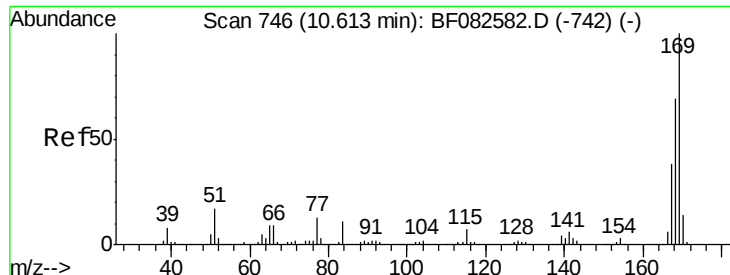
#64
4,6-Dinitro-2-methylphenol
Concen: 40.06 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF082634.D
Acq: 2 Nov 2015 16:33

Tgt Ion:198 Resp: 186090
Ion Ratio Lower Upper
198 100
51 88.6 17.3 57.3#
105 66.8 21.7 61.7#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.42 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF082634.D

Acq: 2 Nov 2015 16:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

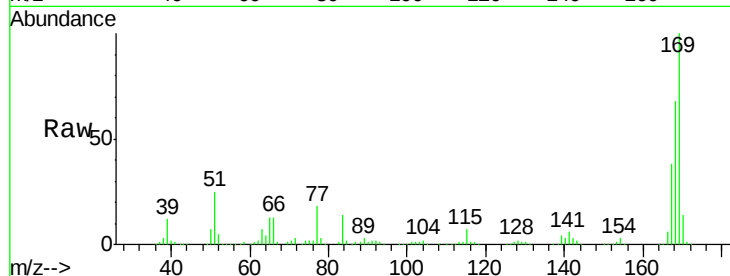
Tot Ion:169 Resp: 990939

Ion Ratio Lower Upper

169 100

168 68.4 55.0 82.6

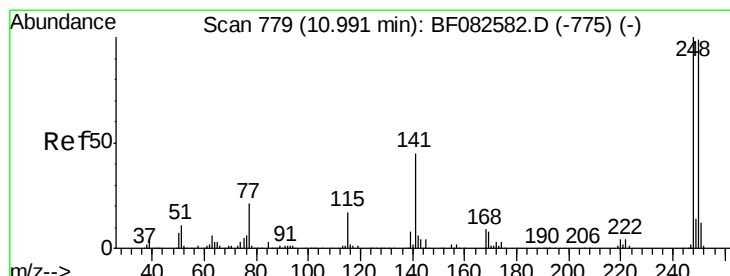
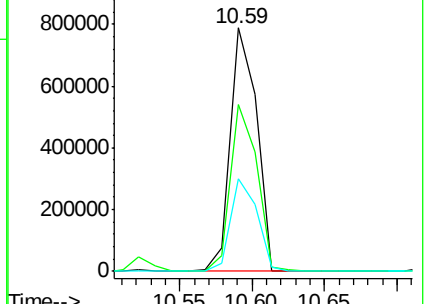
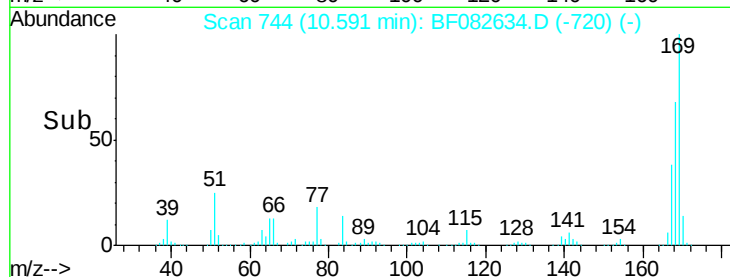
167 37.8 30.5 45.7



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: 41.65 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.02 min

Lab File: BF082634.D

Acq: 2 Nov 2015 16:33

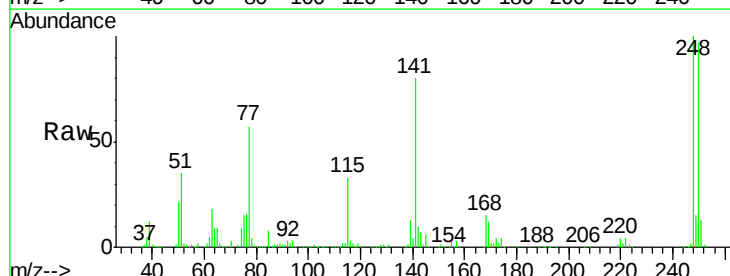
Tgt Ion:248 Resp: 363591

Ion Ratio Lower Upper

248 100

250 97.4 79.4 119.2

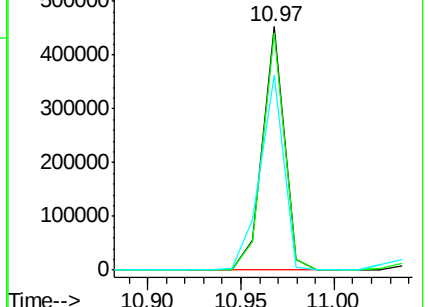
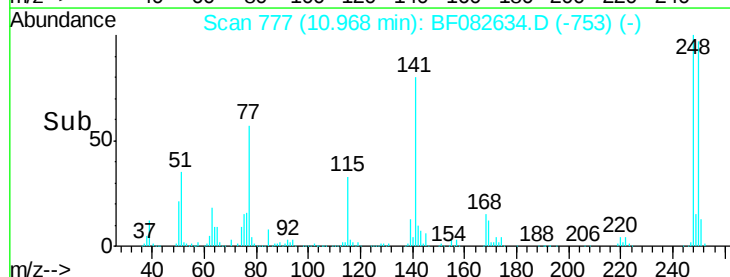
141 80.2 36.3 54.5#

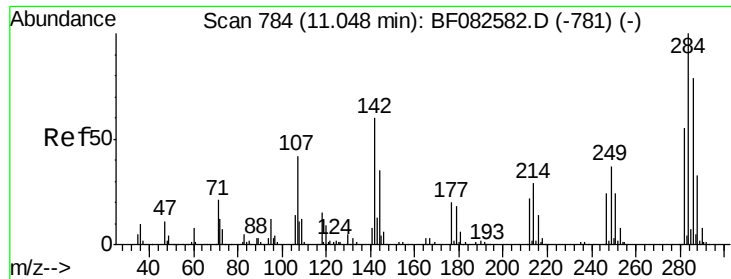


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

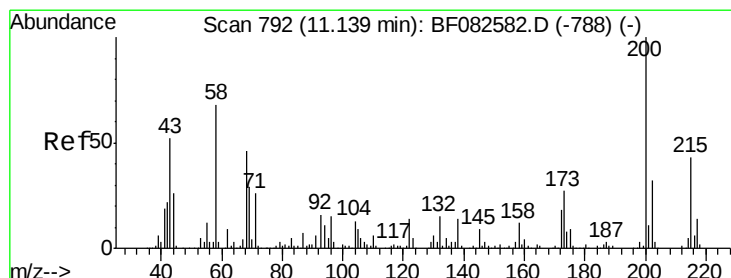
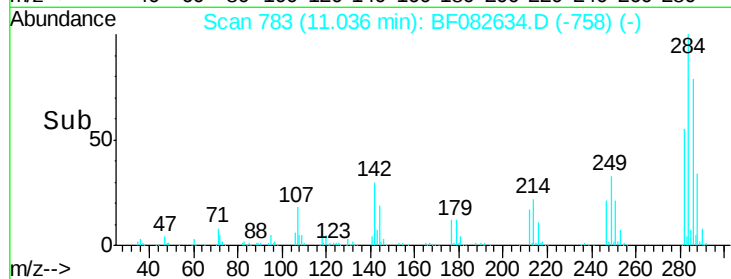
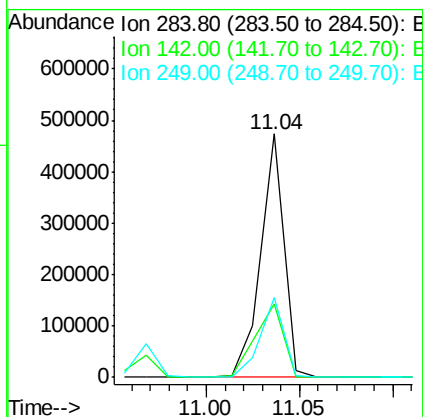
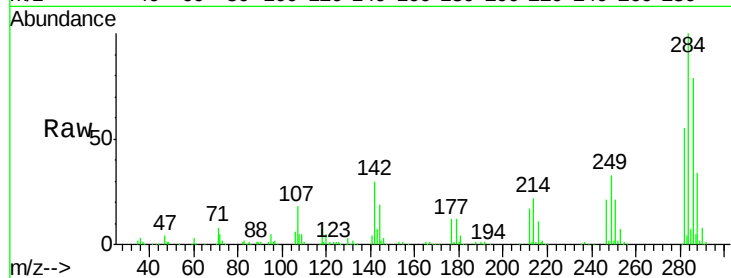




#67
Hexachlorobenzene
Concen: 41.76 ng
RT: 11.04 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF082634.D
Acq: 2 Nov 2015 16:33

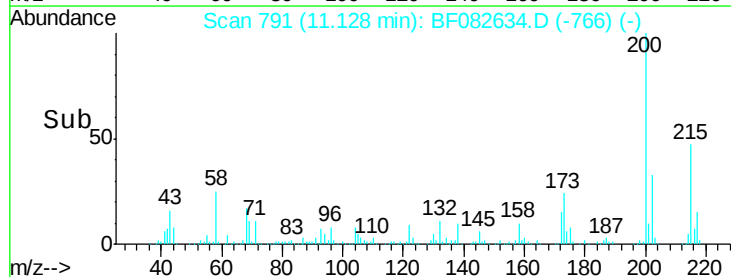
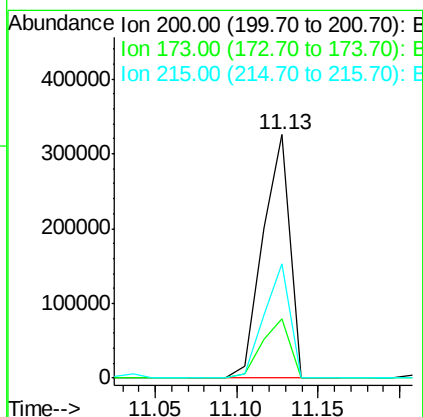
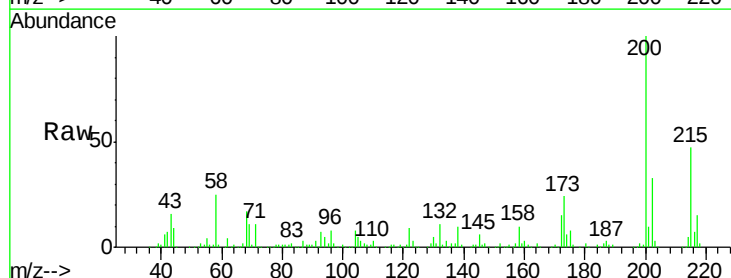
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

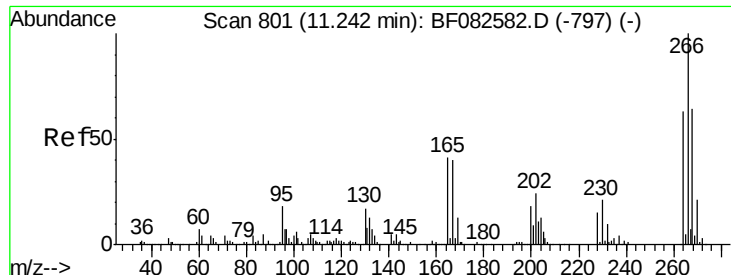
Tot Ion:284 Resp: 404190
Ion Ratio Lower Upper
284 100
142 29.9 47.9 71.9#
249 32.6 29.7 44.5



#68
Atrazine
Concen: 43.05 ng
RT: 11.13 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF082634.D
Acq: 2 Nov 2015 16:33

Tgt Ion:200 Resp: 372994
Ion Ratio Lower Upper
200 100
173 24.1 6.9 46.9
215 47.2 22.9 62.9

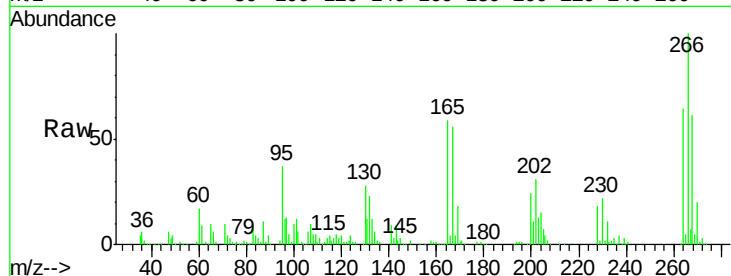




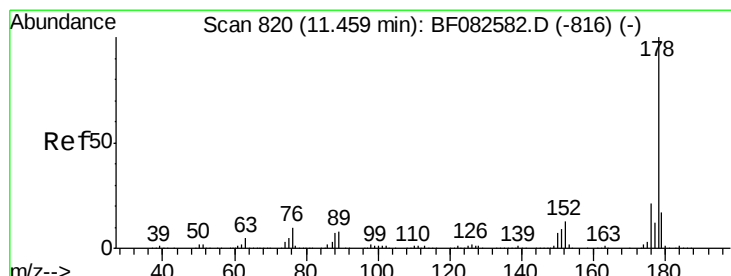
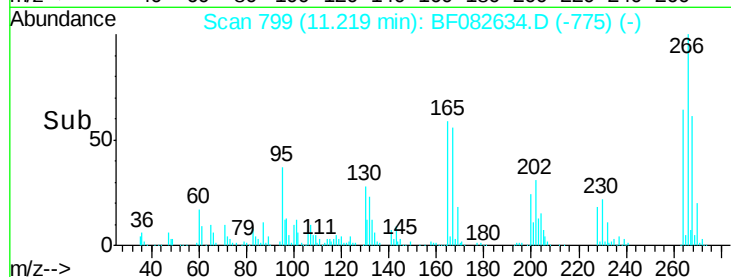
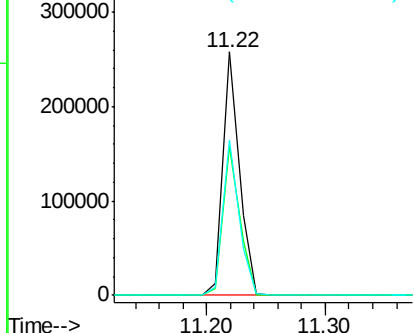
#69
 Pentachlorophenol
 Concen: 38.71 ng
 RT: 11.22 min Scan# 799
 Delta R.T. -0.02 min
 Lab File: BF082634.D
 Acq: 2 Nov 2015 16:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 247046
 Ion Ratio Lower Upper
 266 100
 268 61.4 51.0 76.6
 264 63.9 50.6 75.8

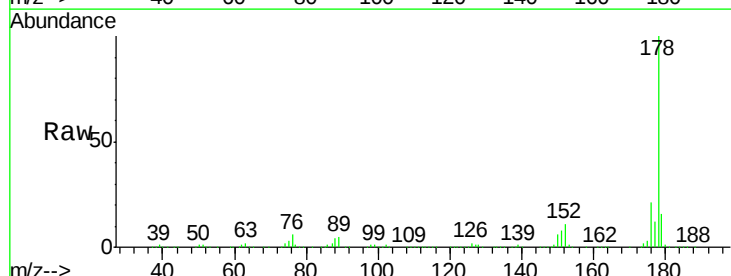


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

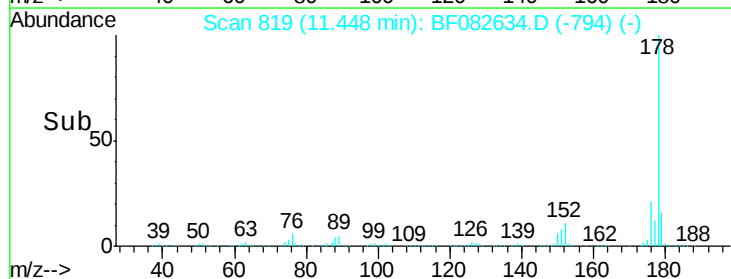
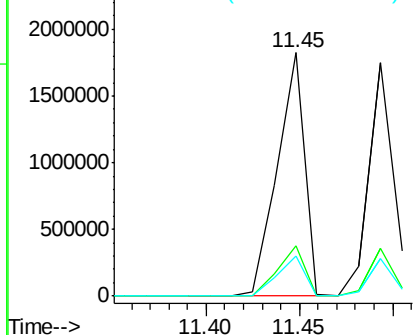


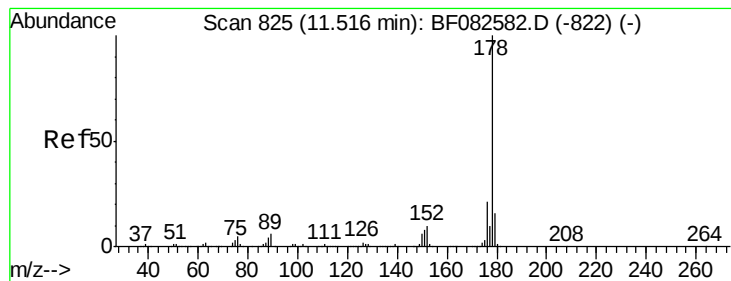
#70
 Phenanthrene
 Concen: 42.66 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF082634.D
 Acq: 2 Nov 2015 16:33

Tgt Ion:178 Resp: 1853228
 Ion Ratio Lower Upper
 178 100
 176 20.7 17.0 25.4
 179 16.3 13.4 20.0



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





#71

Anthracene

Concen: 36.32 ng

RT: 11.49 min Scan# 823

Delta R.T. -0.02 min

Lab File: BF082634.D

Acq: 2 Nov 2015 16:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

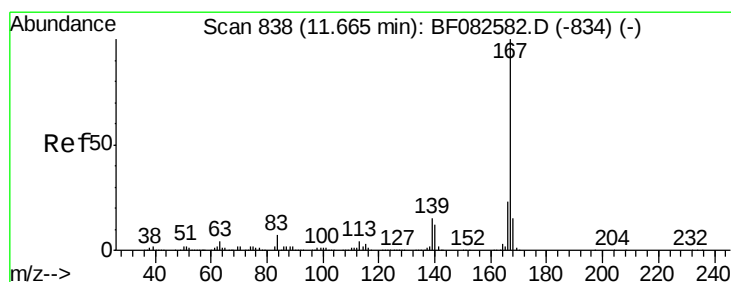
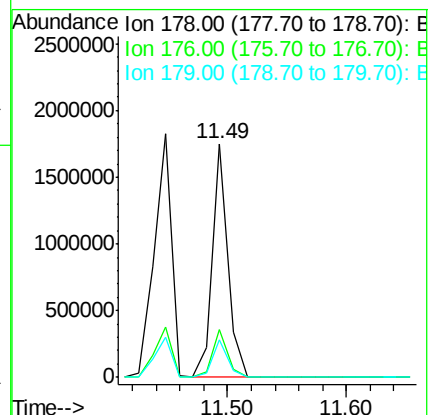
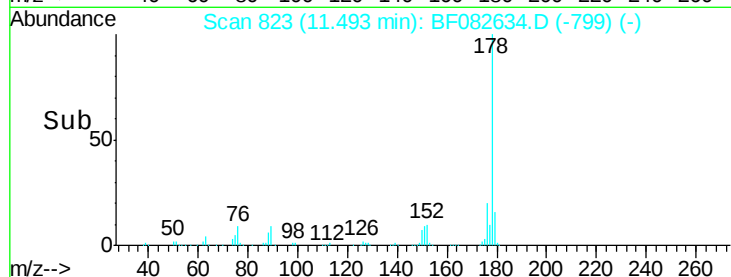
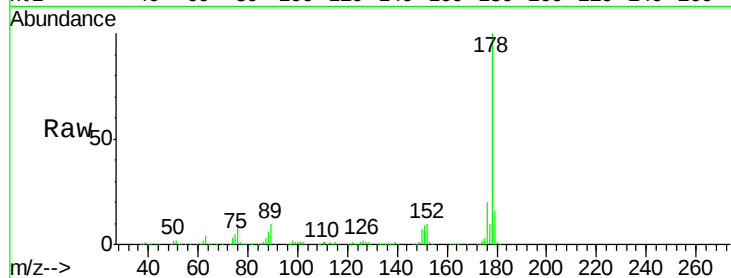
Tot Ion:178 Resp: 1588868

Ion Ratio Lower Upper

178 100

176 20.4 16.5 24.7

179 16.3 13.2 19.8



#72

Carbazole

Concen: 37.42 ng

RT: 11.64 min Scan# 836

Delta R.T. -0.02 min

Lab File: BF082634.D

Acq: 2 Nov 2015 16:33

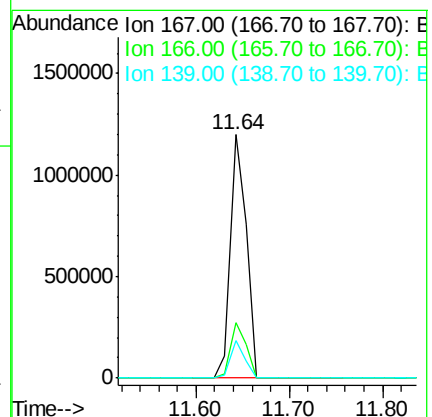
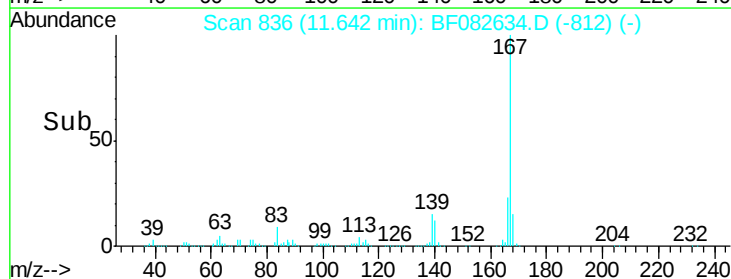
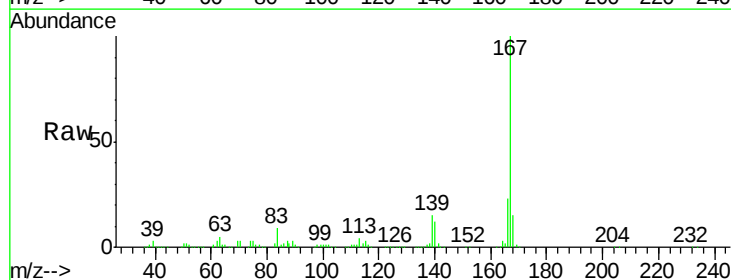
Tgt Ion:167 Resp: 1425803

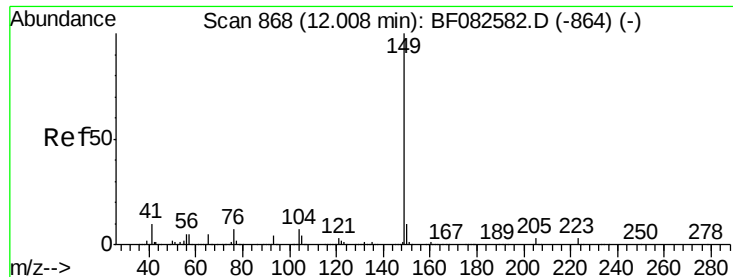
Ion Ratio Lower Upper

167 100

166 22.9 18.7 28.1

139 15.4 11.8 17.6





#73

Di-n-butylphthalate

Concen: 38.22 ng

RT: 11.98 min Scan# 866

Delta R.T. -0.02 min

Lab File: BF082634.D

Acq: 2 Nov 2015 16:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

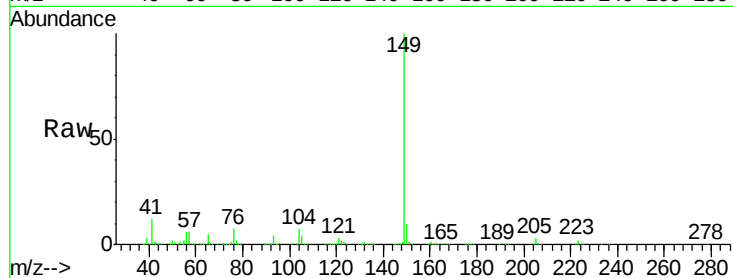
Tot Ion:149 Resp: 1853703

Ion Ratio Lower Upper

149 100

150 10.2 8.1 12.1

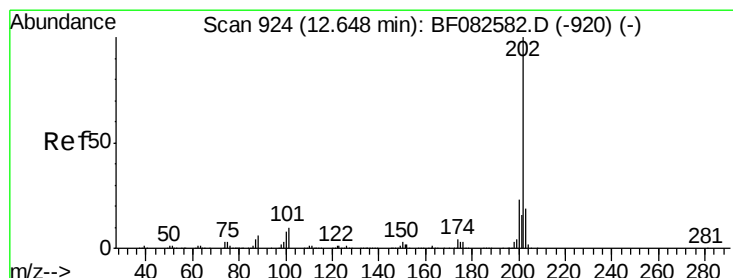
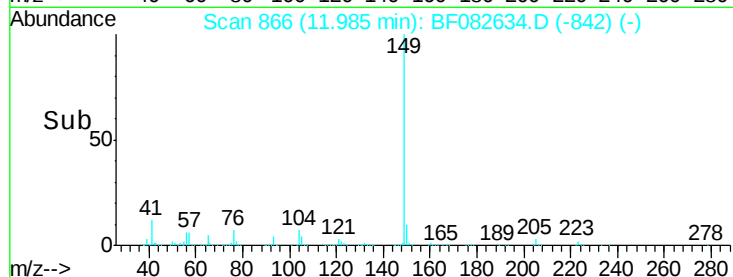
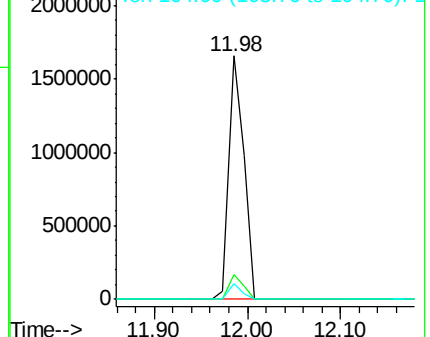
104 6.5 5.2 7.8



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: 40.20 ng

RT: 12.64 min Scan# 923

Delta R.T. -0.01 min

Lab File: BF082634.D

Acq: 2 Nov 2015 16:33

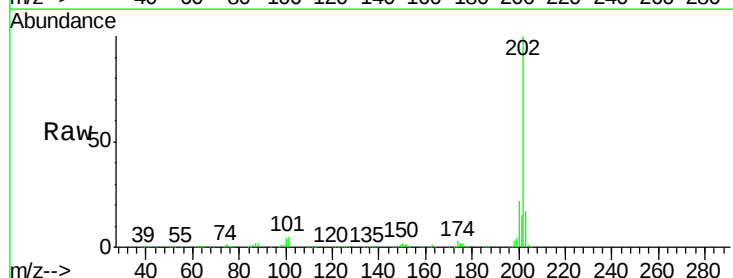
Tgt Ion:202 Resp: 1785452

Ion Ratio Lower Upper

202 100

101 4.8 0.0 30.5

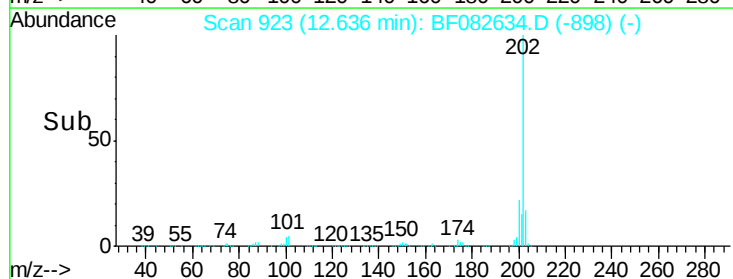
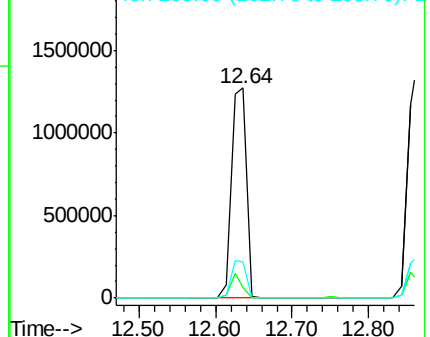
203 17.3 0.0 38.5

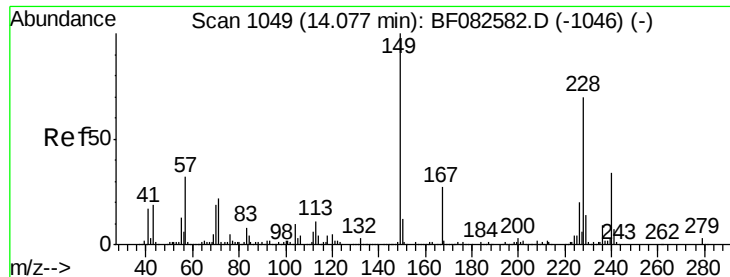


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.08 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF082634.D

Acq: 2 Nov 2015 16:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

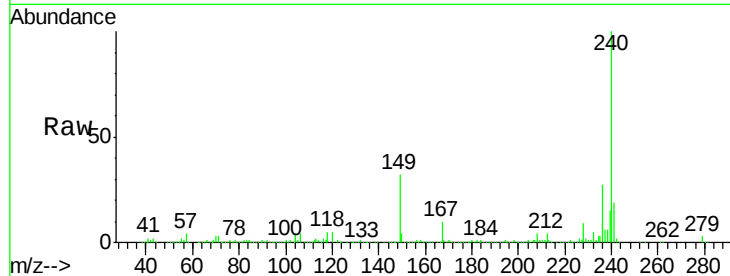
Tot Ion:240 Resp: 683510

Ion Ratio Lower Upper

240 100

120 5.3 10.9 16.3#

236 27.3 21.6 32.4

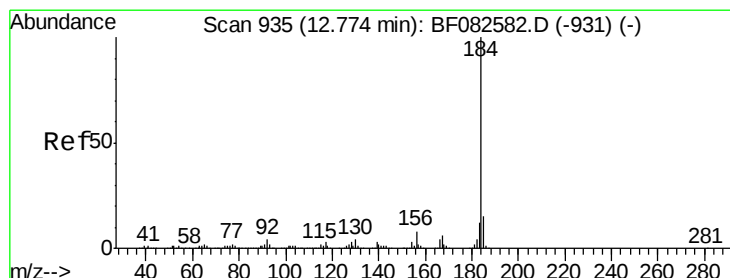
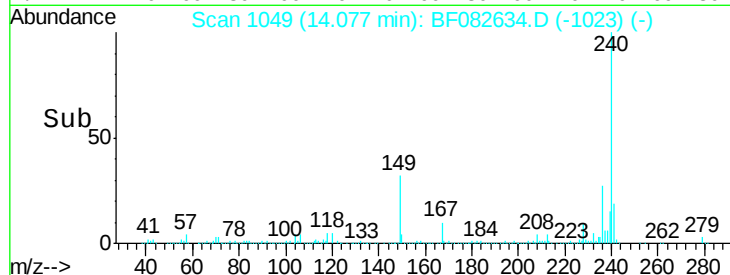
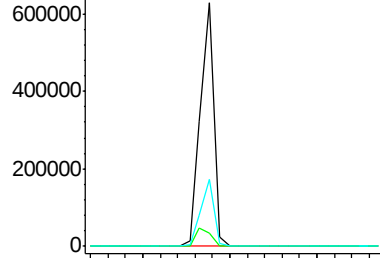


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

14.08



#76

Benzidine

Concen: 31.04 ng

RT: 12.75 min Scan# 933

Delta R.T. -0.02 min

Lab File: BF082634.D

Acq: 2 Nov 2015 16:33

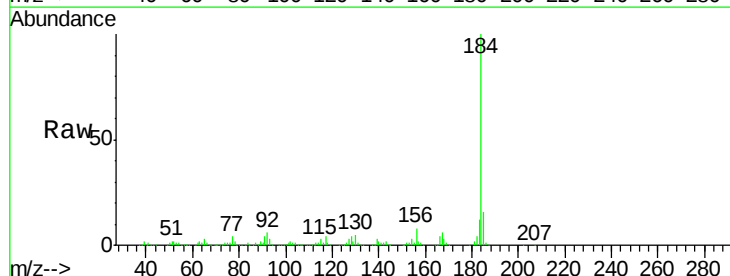
Tgt Ion:184 Resp: 956879

Ion Ratio Lower Upper

184 100

185 15.7 12.0 18.0

183 12.3 9.6 14.4

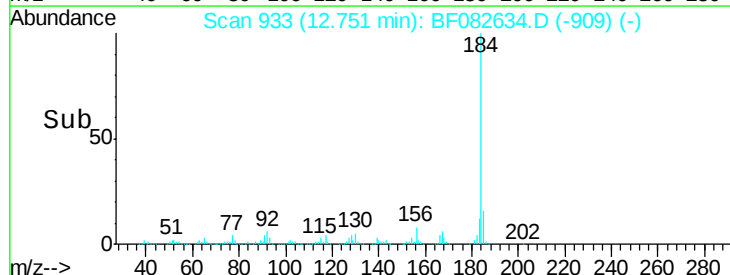
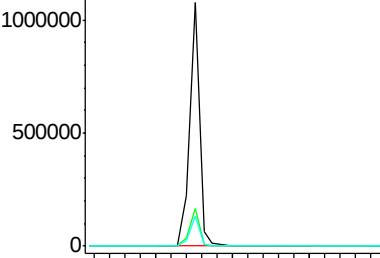


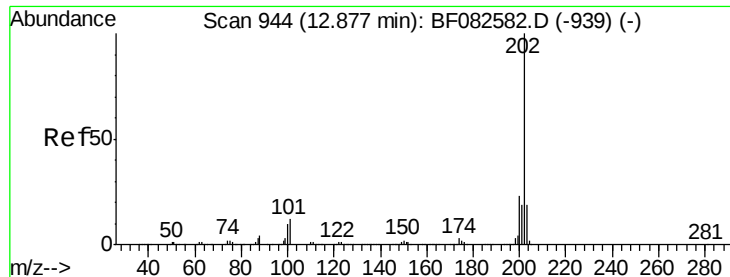
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.75

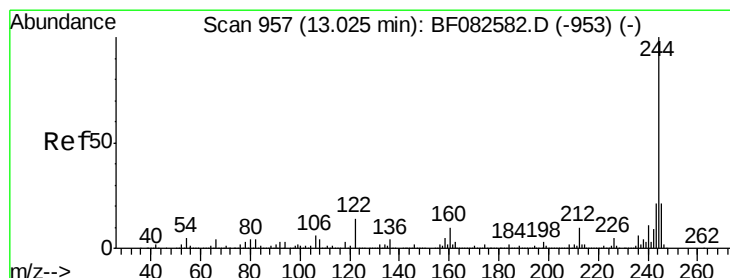
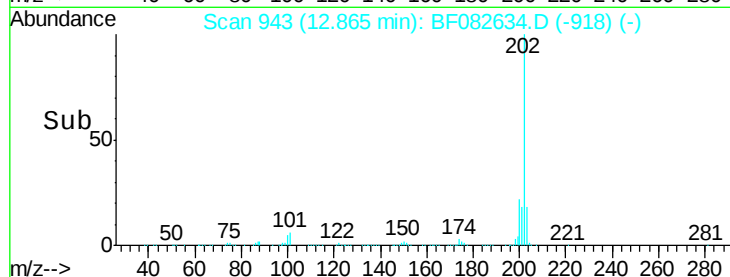
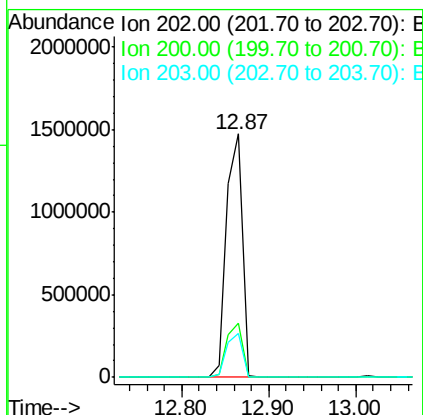
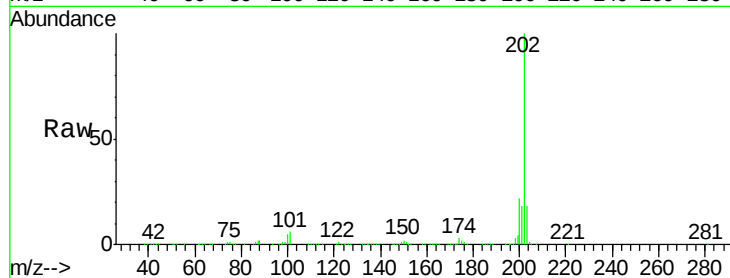




#77
Pvrene
Concen: 37.14 ng
RT: 12.87 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF082634.D
Acq: 2 Nov 2015 16:33

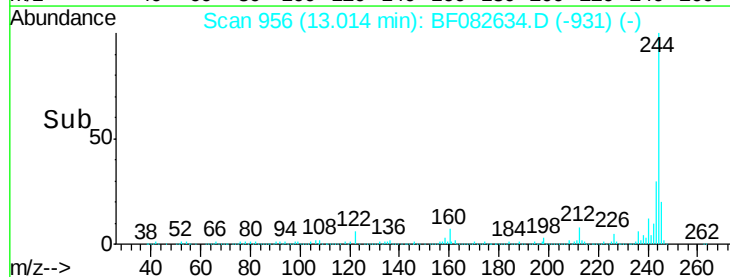
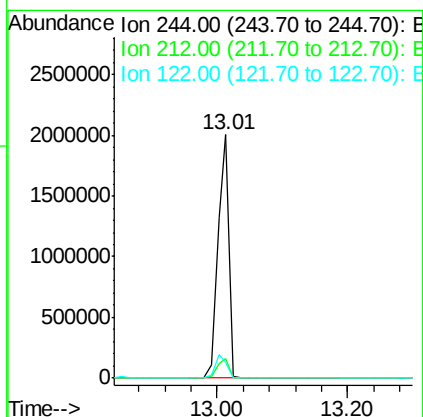
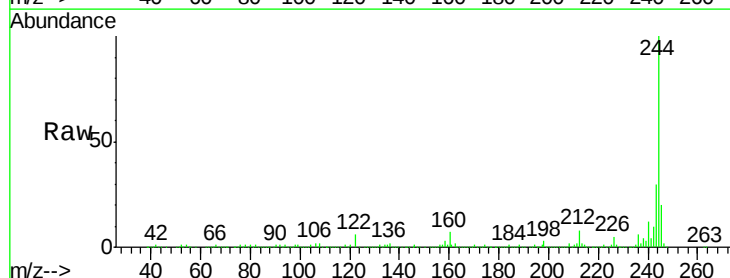
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

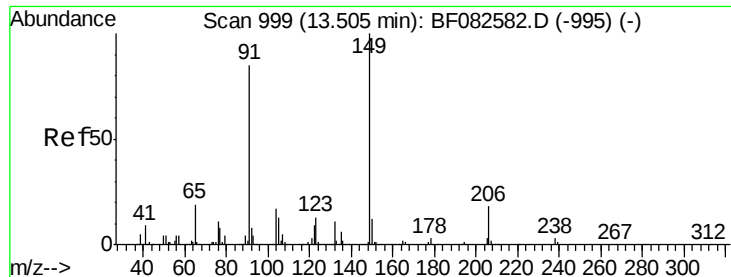
Tot Ion:202 Resp: 1879665
Ion Ratio Lower Upper
202 100
200 22.4 18.7 28.1
203 17.8 14.8 22.2



#78
Terphenyl-d14
Concen: 75.92 ng
RT: 13.01 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF082634.D
Acq: 2 Nov 2015 16:33

Tgt Ion:244 Resp: 2371136
Ion Ratio Lower Upper
244 100
212 8.1 7.6 11.4
122 6.5 11.3 16.9#





#79

Butylbenzylphthalate

Concen: 37.50 ng

RT: 13.49 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF082634.D

Acq: 2 Nov 2015 16:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

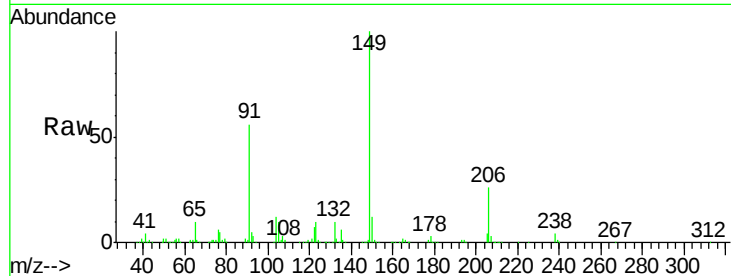
Tot Ion:149 Resp: 831284

Ion Ratio Lower Upper

149 100

91 55.8 67.7 101.5#

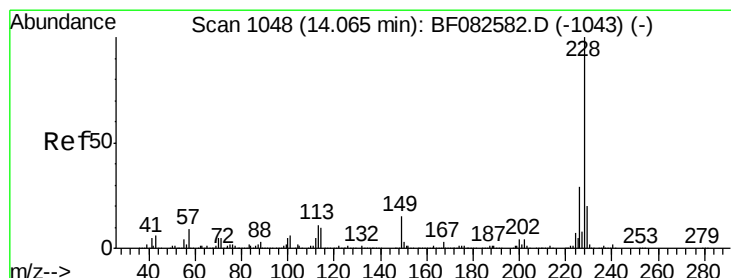
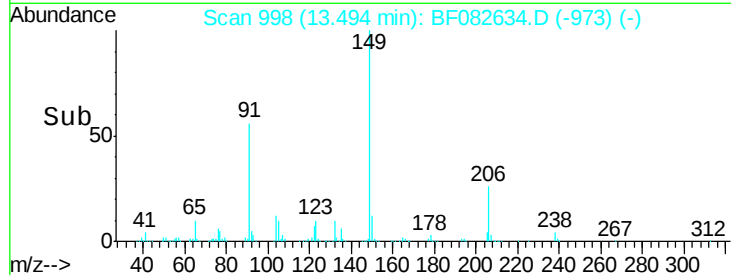
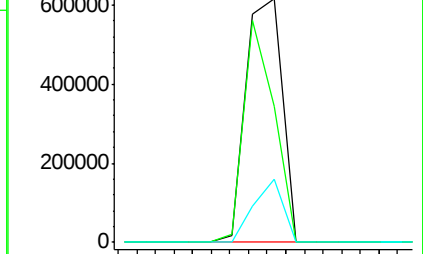
206 26.0 14.6 22.0#



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: 37.50 ng

RT: 14.07 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF082634.D

Acq: 2 Nov 2015 16:33

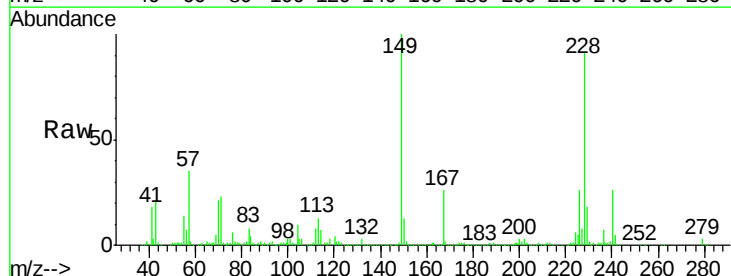
Tgt Ion:228 Resp: 1628199

Ion Ratio Lower Upper

228 100

226 28.3 23.4 35.2

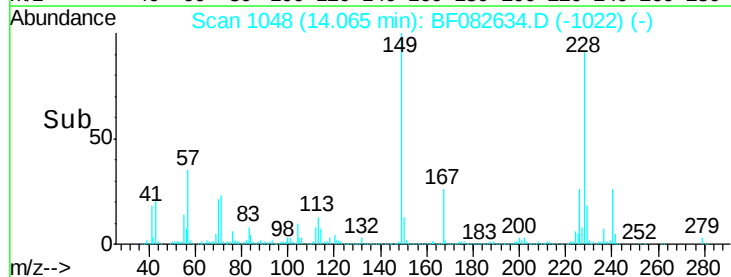
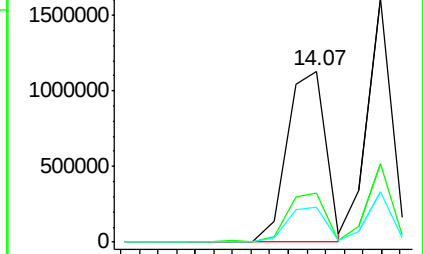
229 20.2 16.3 24.5

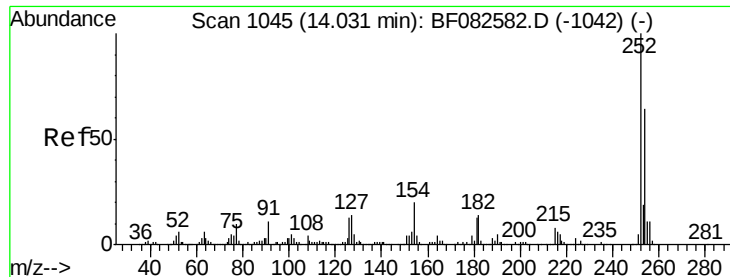


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 35.97 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BF082634.D

Acq: 2 Nov 2015 16:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

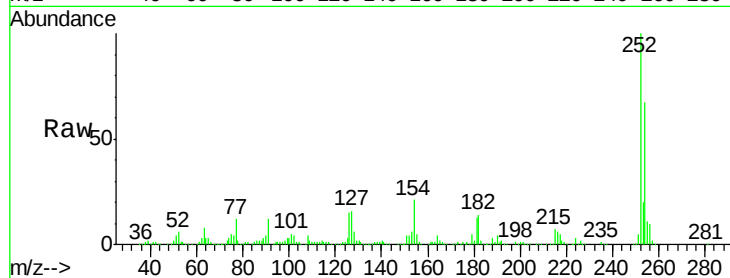
Tot Ion:252 Resp: 538079

Ion Ratio Lower Upper

252 100

254 66.6 51.4 77.0

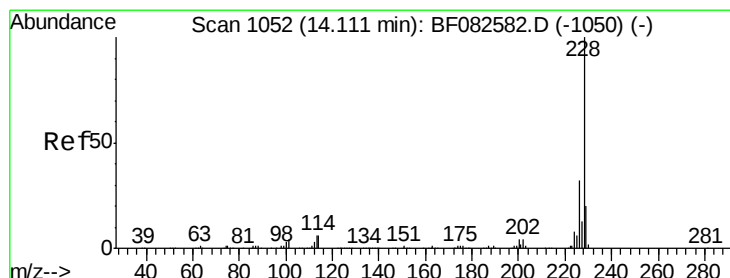
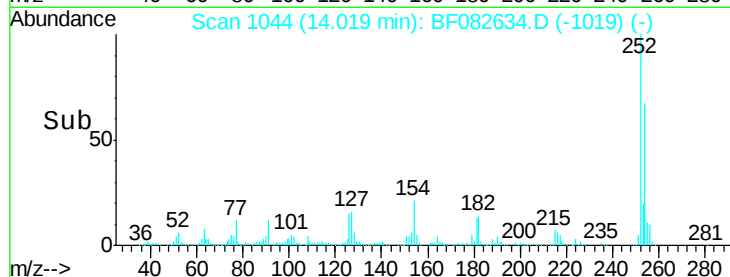
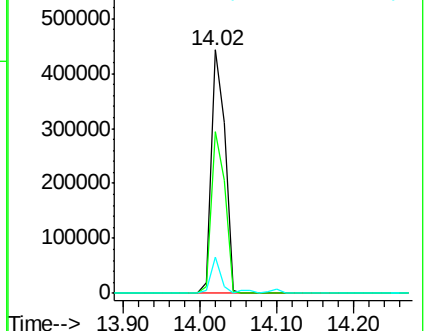
126 14.8 10.7 16.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 37.10 ng

RT: 14.10 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BF082634.D

Acq: 2 Nov 2015 16:33

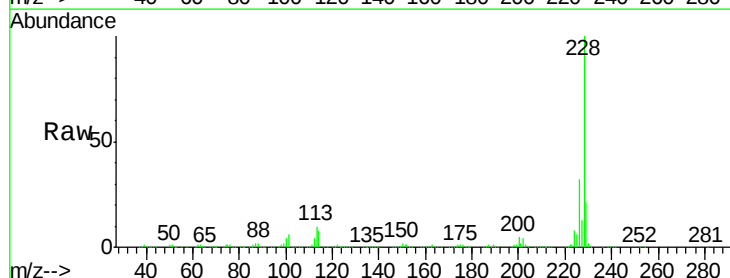
Tgt Ion:228 Resp: 1459964

Ion Ratio Lower Upper

228 100

226 32.4 25.5 38.3

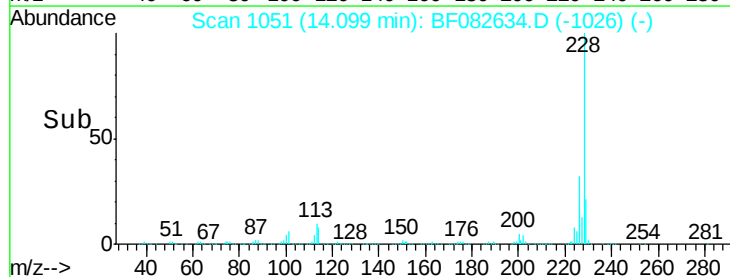
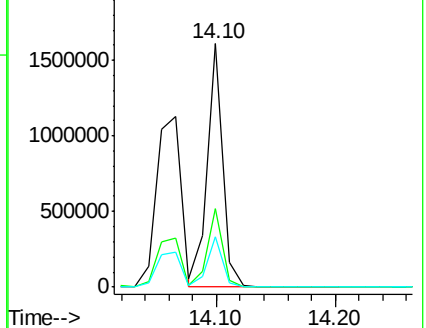
229 20.7 16.3 24.5

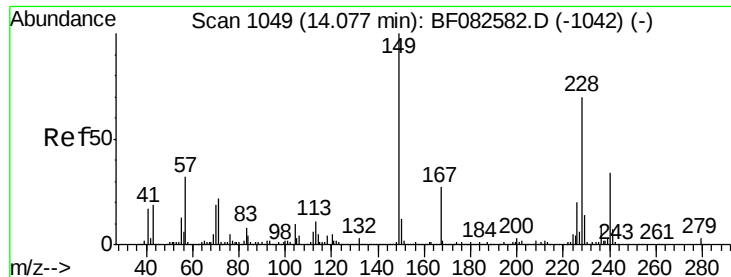


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

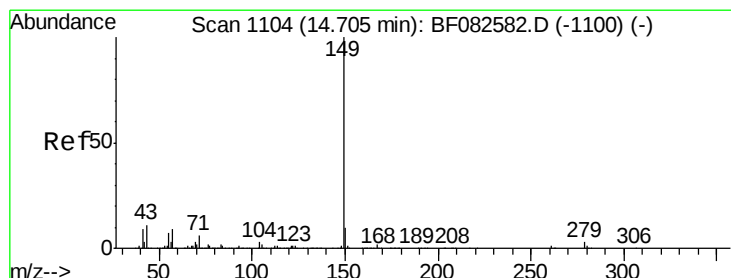
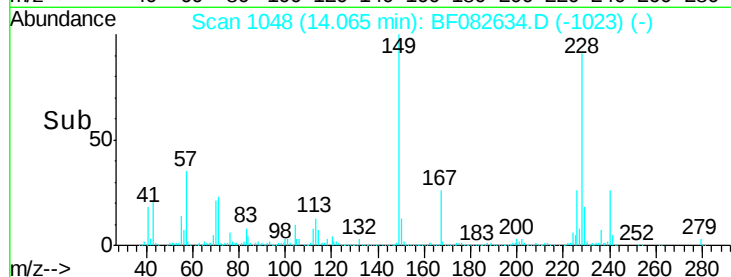
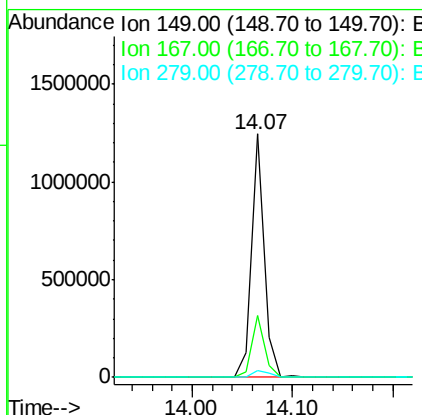
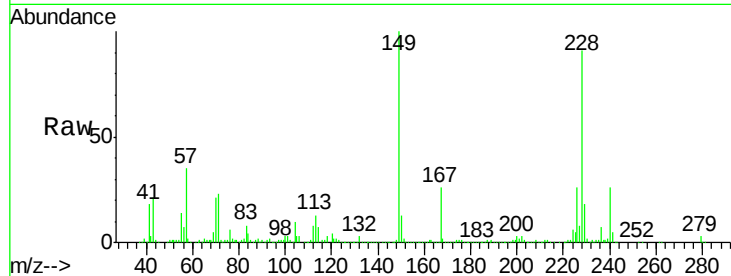




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.06 ng
 RT: 14.07 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BF082634.D
 Acq: 2 Nov 2015 16:33

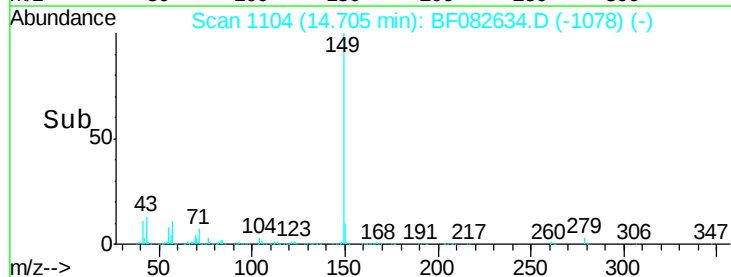
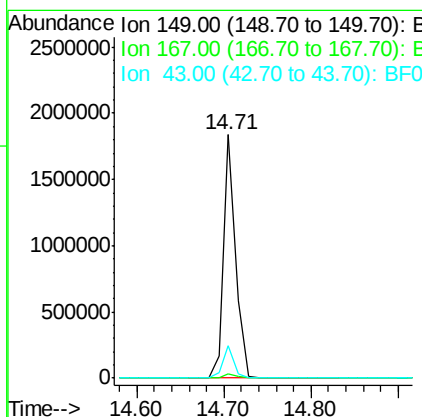
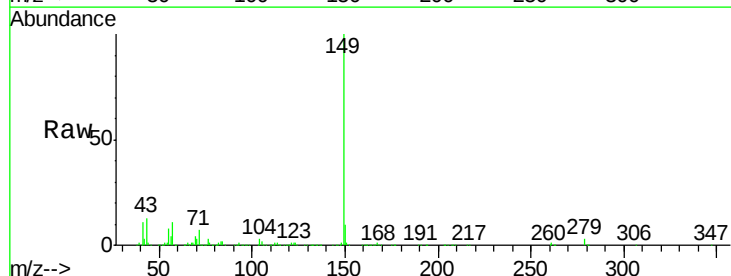
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:149 Resp: 1093770
 Ion Ratio Lower Upper
 149 100
 167 25.6 21.2 31.8
 279 2.6 2.2 3.2



#84
 Di-n-octyl phthalate
 Concen: 40.04 ng
 RT: 14.71 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BF082634.D
 Acq: 2 Nov 2015 16:33

Tgt Ion:149 Resp: 1794699
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 12.3 10.1 15.1

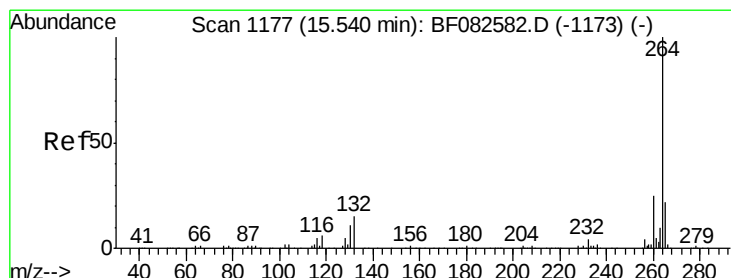
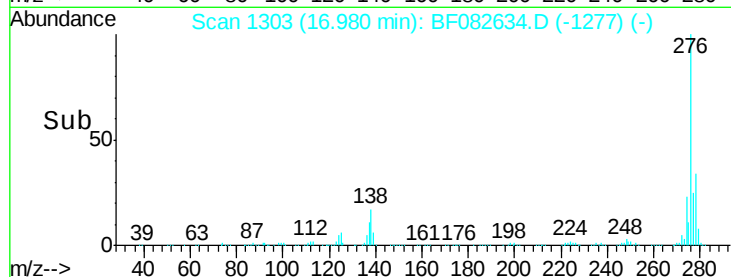
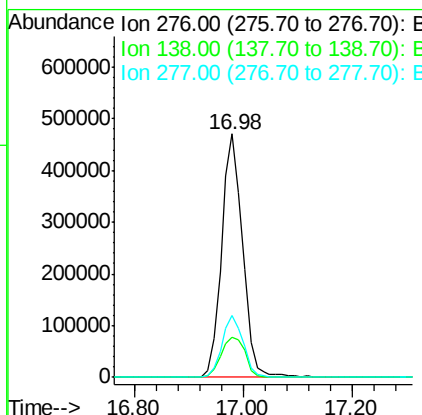
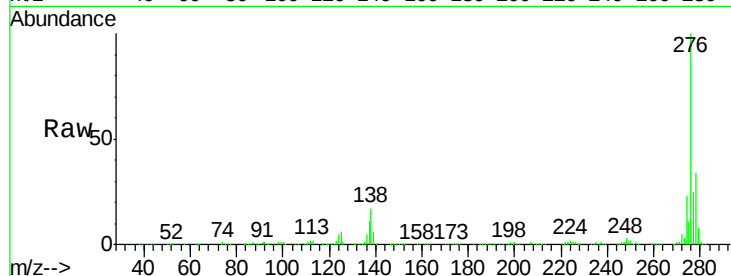




#85
Indeno(1,2,3-cd)pyrene
Concen: 39.00 ng
RT: 16.98 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF082634.D
Acq: 2 Nov 2015 16:33

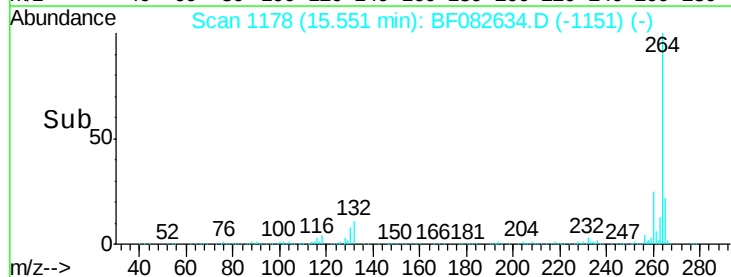
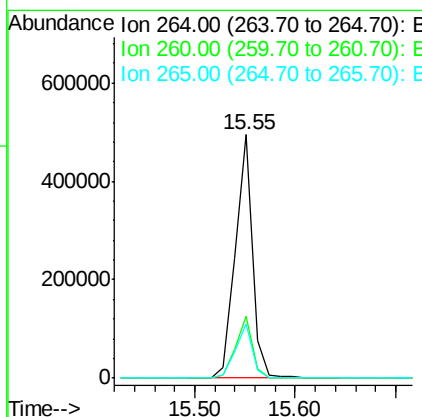
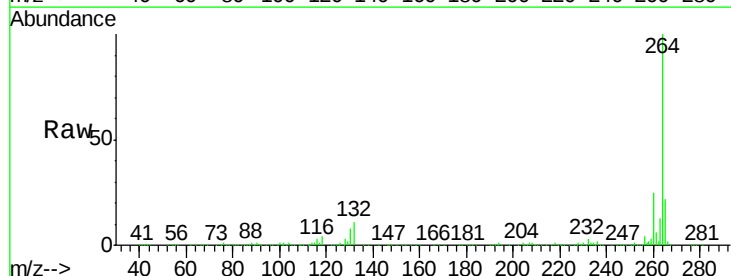
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

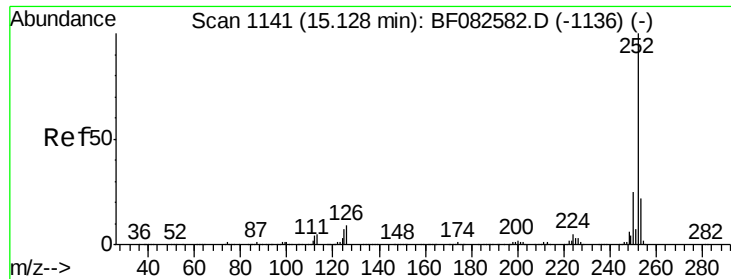
Tot Ion:276 Resp: 1266485
Ion Ratio Lower Upper
276 100
138 18.9 15.3 22.9
277 25.6 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.55 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BF082634.D
Acq: 2 Nov 2015 16:33

Tgt Ion:264 Resp: 586311
Ion Ratio Lower Upper
264 100
260 25.3 19.8 29.6
265 22.1 17.4 26.0

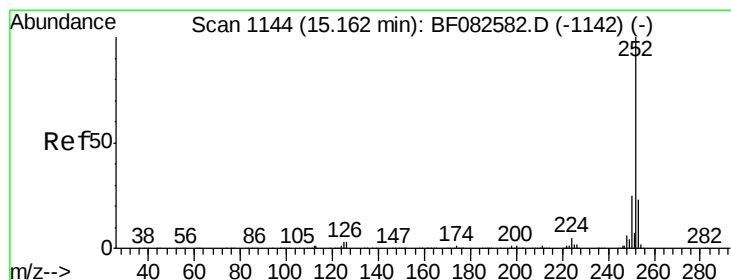
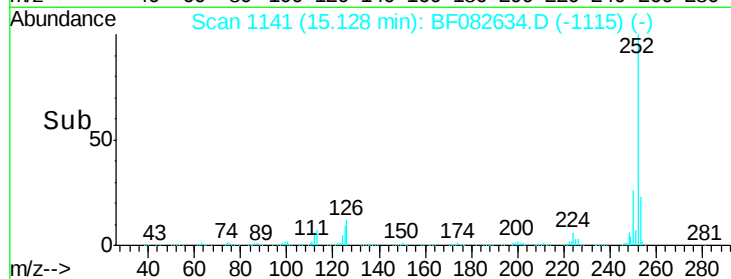
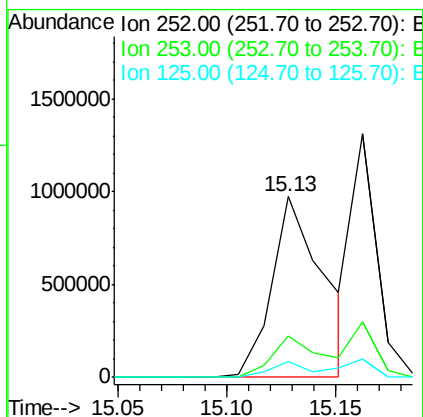
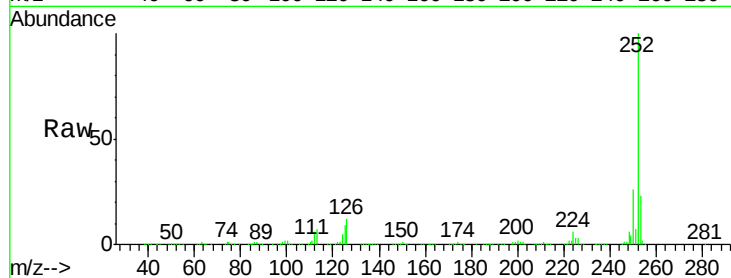




#87
Benzo(b)fluoranthene
Concen: 39.87 ng
RT: 15.13 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BF082634.D
Acq: 2 Nov 2015 16:33

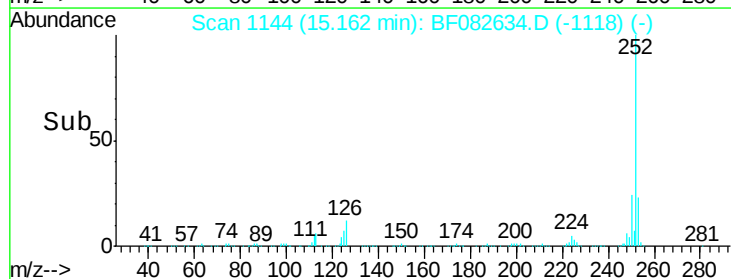
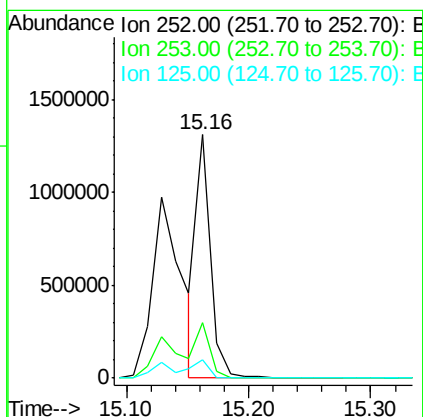
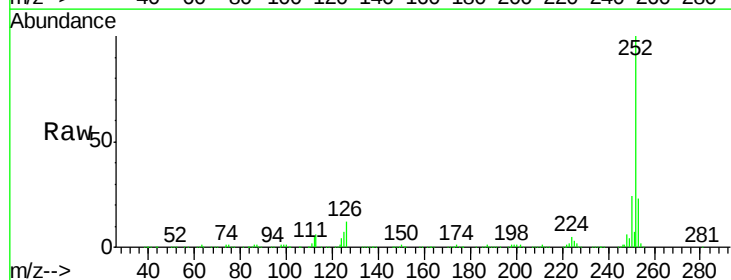
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

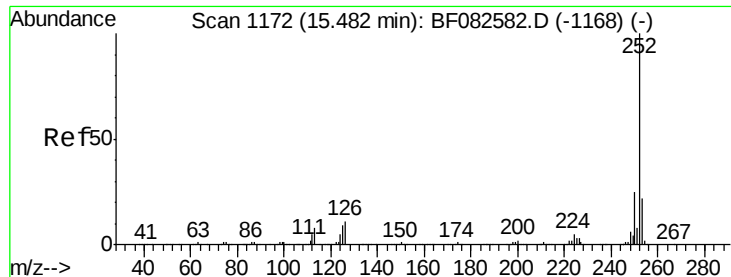
Tot Ion:252 Resp: 1611790
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 8.7 5.4 8.2#



#88
Benzo(k)fluoranthene
Concen: 34.56 ng m
RT: 15.16 min Scan# 1144
Delta R.T. -0.00 min
Lab File: BF082634.D
Acq: 2 Nov 2015 16:33

Tgt Ion:252 Resp: 1064394
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 7.4 3.5 5.3#

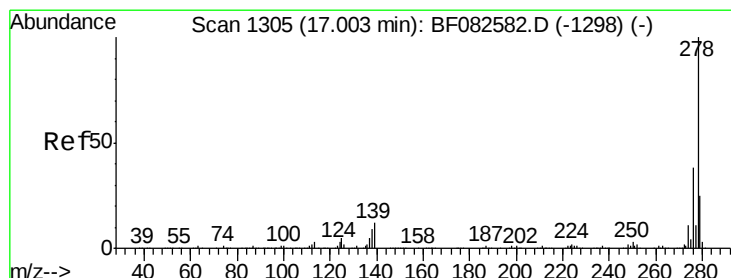
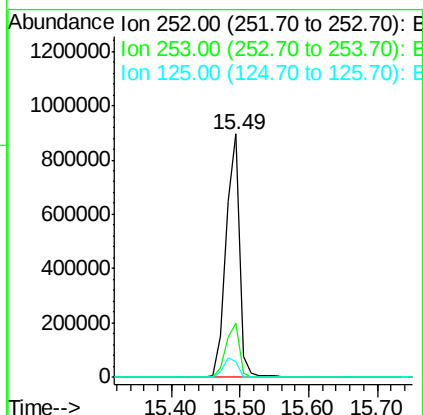
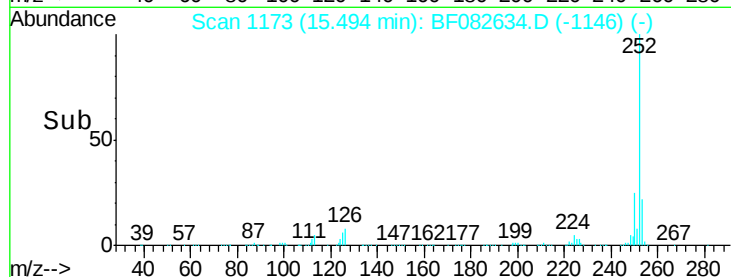
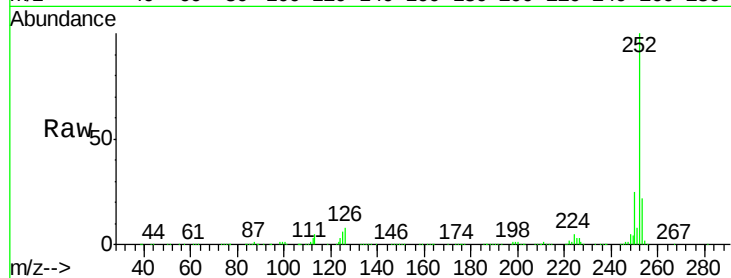




#89
Benzo(a)pyrene
Concen: 39.21 ng
RT: 15.49 min Scan# 1173
Delta R.T. 0.01 min
Lab File: BF082634.D
Acq: 2 Nov 2015 16:33

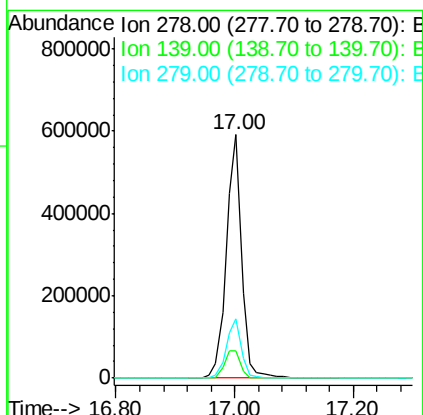
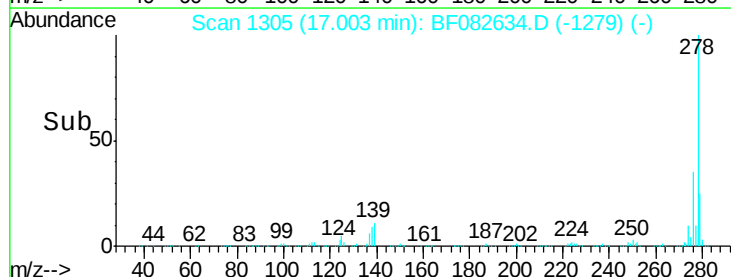
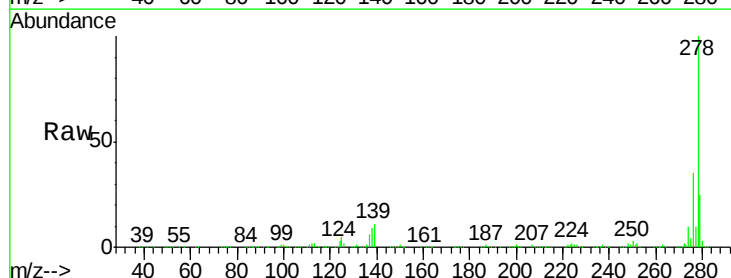
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

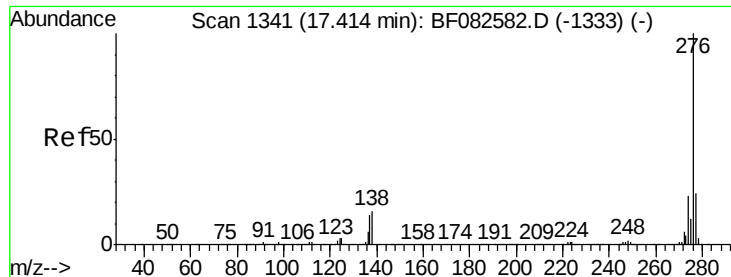
Tot Ion:252 Resp: 1248463
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 6.3 7.1 10.7#



#90
Dibenzo(a,h)anthracene
Concen: 35.49 ng
RT: 17.00 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BF082634.D
Acq: 2 Nov 2015 16:33

Tgt Ion:278 Resp: 1054317
Ion Ratio Lower Upper
278 100
139 11.3 9.9 14.9
279 24.6 19.6 29.4

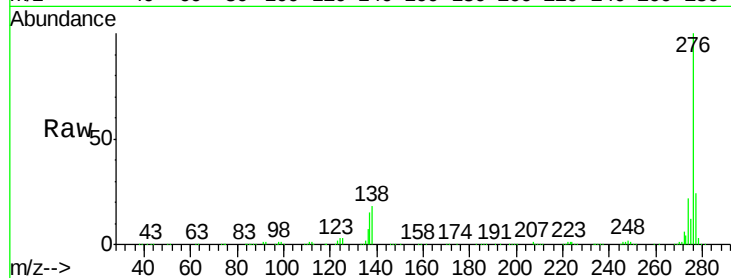




#91
 Benzo(a,h,i)perylene
 Concen: 34.52 ng
 RT: 17.40 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: BF082634.D
 Acq: 2 Nov 2015 16:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.2	28.8
138	17.5	13.1	19.7



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

