

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021416\
 Data File : BF085064.D
 Acq On : 13 Feb 2016 3:13
 Operator : SJ/IZ
 Sample : H1396-06MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B003(10-12)MS

Quant Time: Feb 13 03:55:10 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 13 00:11:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.88	152	145714	20.00	ng	0.00
21) Naphthalene-d8	7.79	136	629780	20.00	ng	0.00
38) Acenaphthene-d10	10.59	164	292771	20.00	ng	0.01
63) Phenanthrene-d10	12.99	188	524862	20.00	ng	0.00
75) Chrysene-d12	17.18	240	356826	20.00	ng	0.00
86) Perylene-d12	18.80	264	287872	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.15	112	1286223	154.35	ng	-0.01
7) Phenol-d6	5.44	99	1835201	165.24	ng	0.00
23) Nitrobenzene-d5	6.72	82	1154657	108.27	ng	0.00
41) 2,4,6-Tribromophenol	11.90	330	441983	146.16	ng	0.01
44) 2-Fluorobiphenyl	9.53	172	1655467	80.83	ng	0.00
78) Terphenyl-d14	15.62	244	1255853	72.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.03	88	138434	40.32	ng	# 86
3) Pyridine	2.47	79	319626	39.85	ng	97
4) n-Nitrosodimethylamine	2.46	42	150023	36.36	ng	88
6) Aniline	5.46	93	215073	17.72	ng	# 66
8) 2-Chlorophenol	5.59	128	482029	47.05	ng	91
9) Benzaldehyde	5.42	77	127210	21.26	ng	98
10) Phenol	5.46	94	598094	46.04	ng	# 79
11) bis(2-Chloroethyl)ether	5.54	93	495673	44.11	ng	98
12) 1,3-Dichlorobenzene	5.79	146	449130	44.09	ng	97
13) 1,4-Dichlorobenzene	5.91	146	461801	40.74	ng	98
14) 1,2-Dichlorobenzene	6.11	146	497826	46.72	ng	99
15) Benzyl Alcohol	6.16	79	297926	43.90	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.30	45	791596	46.26	ng	96
17) 2-Methylphenol	6.33	107	314565	42.41	ng	95
18) Hexachloroethane	6.58	117	197403	47.26	ng	89
19) n-Nitroso-di-n-propylamine	6.50	70	338083	48.32	ng	98
20) 3+4-Methylphenols	6.57	107	378323	42.58	ng	# 87
22) Acetophenone	6.50	105	722978	44.79	ng	99
24) Nitrobenzene	6.74	77	405752	34.82	ng	99
25) Isophorone	7.10	82	905853	47.35	ng	100
26) 2-Nitrophenol	7.22	139	261165	46.76	ng	97
27) 2,4-Dimethylphenol	7.35	122	425180	47.05	ng	98
28) bis(2-Chloroethoxy)methane	7.47	93	582806	49.08	ng	100
29) 2,4-Dichlorophenol	7.63	162	385819	46.97	ng	97
30) 1,2,4-Trichlorobenzene	7.70	180	444699	46.97	ng	100
31) Naphthalene	7.82	128	1476044	48.34	ng	100
32) Benzoic acid	7.82	122	4324	6.66	ng	# 1
33) 4-Chloroaniline	8.04	127	104418	9.02	ng	96
34) Hexachlorobutadiene	8.01	225	246330	46.46	ng	95
35) Caprolactam	8.56	113	36446	16.51	ng	92
36) 4-Chloro-3-methylphenol	8.81	107	434217	46.62	ng	97
37) 2-Methylnaphthalene	8.92	142	940795	48.30	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.19	216	423136	44.73	ng	100
40) Hexachlorocyclopentadiene	9.16	237	330367	83.83	ng	98

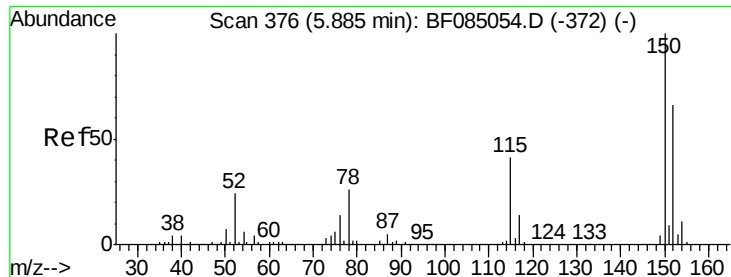
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021416\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.42	196	221737	42.51	ng	98
43) 2,4,5-Trichlorophenol	9.50	196	289785	47.75	ng	96
45) 1,1'-Biphenyl	9.69	154	1184967	44.50	ng	100
46) 2-Chloronaphthalene	9.70	162	879493	46.61	ng	99
47) 2-Nitroaniline	9.94	65	271604	46.62	ng	97
48) Acenaphthylene	10.35	152	1323840	44.19	ng	99
49) Dimethylphthalate	10.24	163	1340544	61.07	ng	100
50) 2,6-Dinitrotoluene	10.33	165	197938	43.95	ng	# 90
51) Acenaphthene	10.64	154	830327	45.84	ng	99
52) 3-Nitroaniline	10.65	138	126578	25.30	ng	95
53) 2,4-Dinitrophenol	10.81	184	121329	64.62	ng	97
54) Dibenzofuran	10.92	168	1182803	48.81	ng	98
55) 4-Nitrophenol	11.03	139	257146	80.11	ng	92
56) 2,4-Dinitrotoluene	10.99	165	292507	47.68	ng	90
57) Fluorene	11.48	166	941013	45.28	ng	100
58) 2,3,4,6-Tetrachlorophenol	11.16	232	258924	53.94	ng	96
59) Diethylphthalate	11.38	149	994376	45.71	ng	98
60) 4-Chlorophenyl-phenylether	11.51	204	442993	44.49	ng	94
61) 4-Nitroaniline	11.64	138	198665	43.21	ng	98
62) Azobenzene	11.77	77	1021465	48.74	ng	97
64) 4,6-Dinitro-2-methylphenol	11.64	198	126594	42.48	ng	87
65) n-Nitrosodiphenylamine	11.72	169	790834	47.45	ng	99
66) 4-Bromophenyl-phenylether	12.30	248	269240	46.05	ng	# 89
67) Hexachlorobenzene	12.35	284	288205	46.11	ng	97
68) Atrazine	12.64	200	212472	43.99	ng	97
69) Pentachlorophenol	12.72	266	231123	85.06	ng	95
70) Phenanthrene	13.04	178	1288495	44.52	ng	99
71) Anthracene	13.12	178	1456666	48.17	ng	99
72) Carbazole	13.43	167	1221675	48.79	ng	100
73) Di-n-butylphthalate	14.03	149	1476559	44.92	ng	100
74) Fluoranthene	14.96	202	1316181	45.65	ng	99
76) Benzidine	15.27	184	215380	28.31	ng	99
77) Pyrene	15.31	202	1316586	46.13	ng	99
79) Butylbenzylphthalate	16.45	149	556822	46.39	ng	98
80) Benzo(a)anthracene	17.17	228	932600	45.14	ng	99
81) 3,3'-Dichlorobenzidine	17.18	252	101644	16.93	ng	94
82) Chrysene	17.21	228	903302	45.08	ng	99
83) Bis(2-ethylhexyl)phthalate	17.27	149	717884	45.49	ng	99
84) Di-n-octyl phthalate	18.02	149	1076833	48.03	ng	100
85) Indeno(1,2,3-cd)pyrene	20.09	276	817837	49.12	ng	100
87) Benzo(b)fluoranthene	18.43	252	1514378	80.24	ng	# 98
88) Benzo(k)fluoranthene	18.43	252	1515719	100.53	ng	99
89) Benzo(a)pyrene	18.74	252	727126	45.56	ng	98
90) Dibenzo(a,h)anthracene	20.11	278	685396	45.24	ng	97
91) Benzo(g,h,i)perylene	20.47	276	698615	44.41	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.88 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

Instrument :

BNA_F

ClientSampleId :

S4-B003(10-12)MS

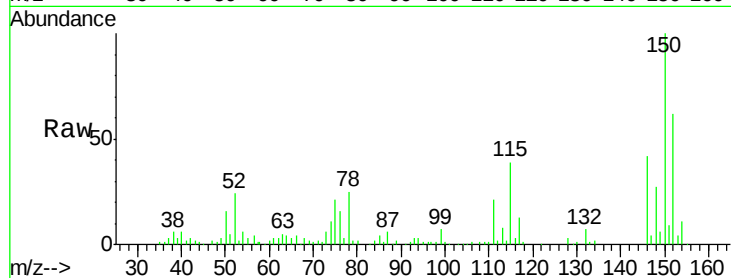
Tgt Ion:152 Resp: 145714

Ion Ratio Lower Upper

152 100

150 161.9 127.4 191.2

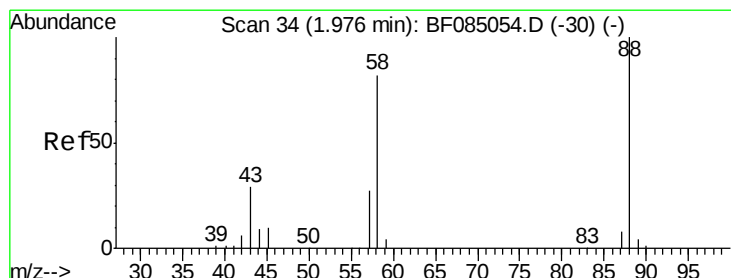
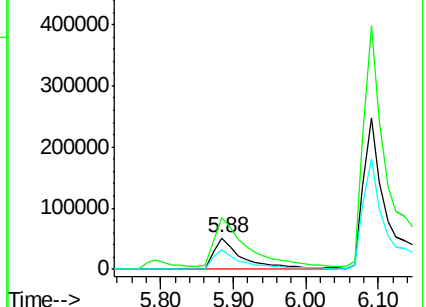
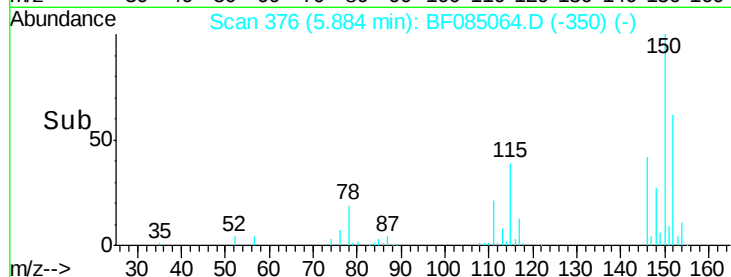
115 62.5 50.5 75.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.32 ng

RT: 2.03 min Scan# 39

Delta R.T. 0.06 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

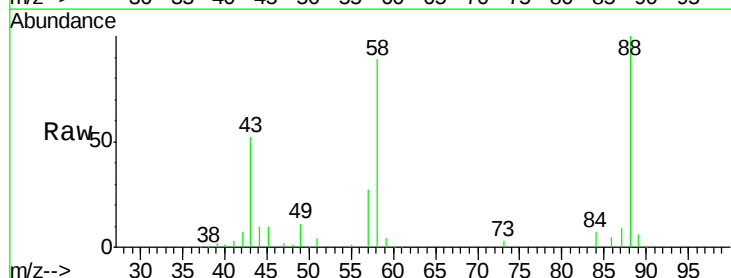
Tgt Ion: 88 Resp: 138434

Ion Ratio Lower Upper

88 100

58 82.5 70.9 106.3

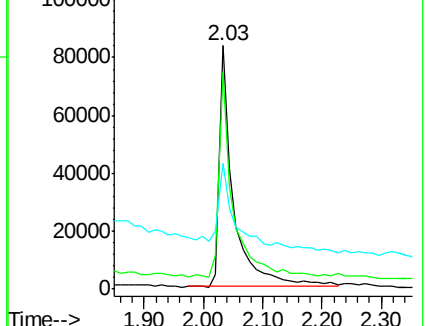
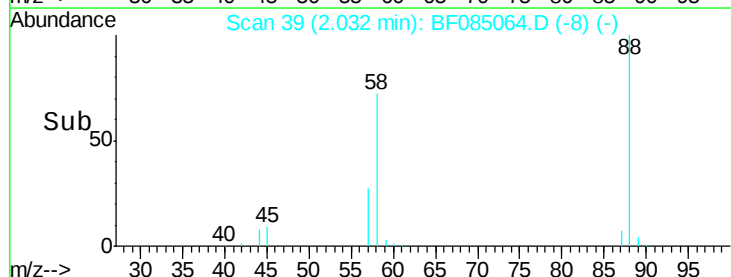
43 51.0 25.9 38.9#

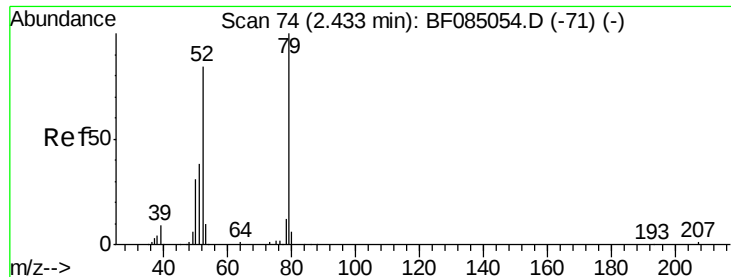


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

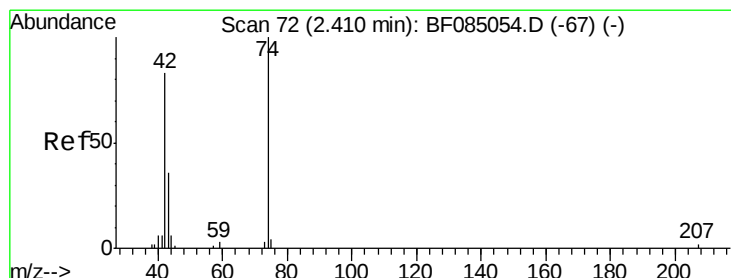
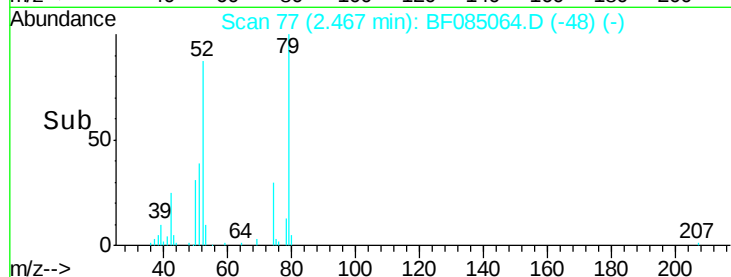
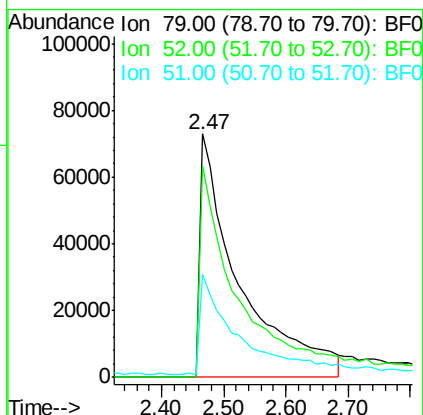
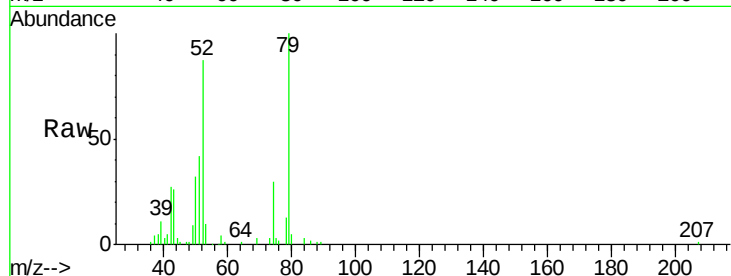




#3
 Pyridine
 Concen: 39.85 ng
 RT: 2.47 min Scan# 77
 Delta R.T. 0.03 min
 Lab File: BF085064.D
 Acq: 13 Feb 2016 3:13

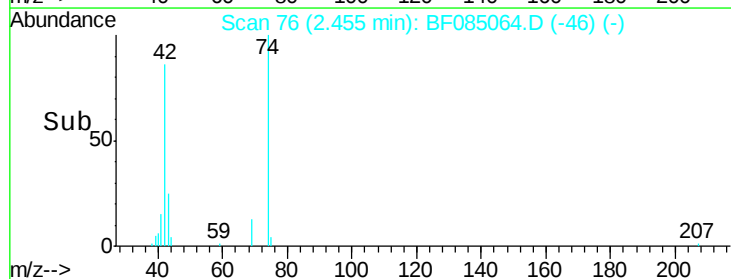
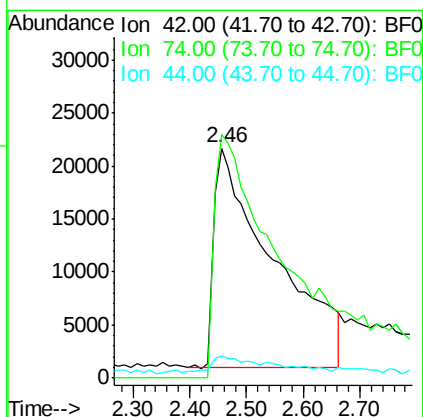
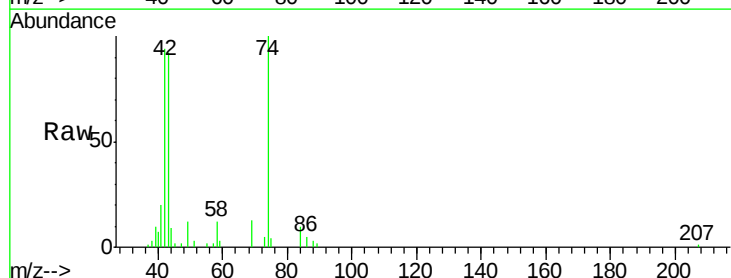
Instrument :
 BNA_F
 ClientSampleId :
 S4-B003(10-12)MS

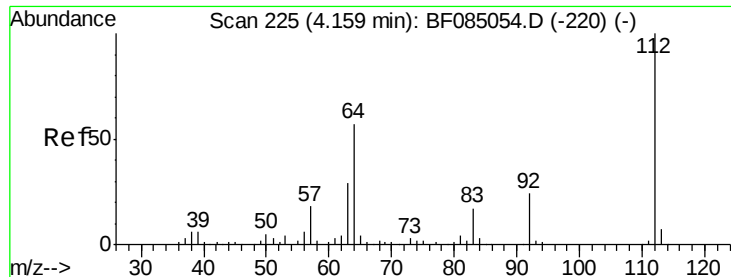
Tgt Ion: 79 Resp: 319626
 Ion Ratio Lower Upper
 79 100
 52 87.0 67.1 100.7
 51 42.4 32.7 49.1



#4
 n-Nitrosodimethylamine
 Concen: 36.36 ng
 RT: 2.46 min Scan# 76
 Delta R.T. 0.05 min
 Lab File: BF085064.D
 Acq: 13 Feb 2016 3:13

Tgt Ion: 42 Resp: 150023
 Ion Ratio Lower Upper
 42 100
 74 106.1 96.2 144.4
 44 9.4 7.0 10.4





#5

2-Fluorophenol

Concen: 154.35 ng

RT: 4.15 min Scan# 224

Delta R.T. -0.01 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

Instrument :

BNA_F

ClientSampleId :

S4-B003(10-12)MS

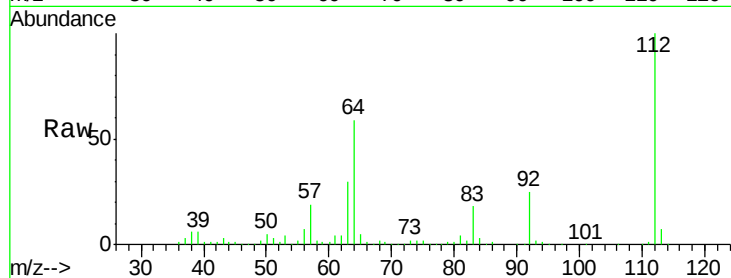
Tgt Ion: 112 Resp: 1286223

Ion Ratio Lower Upper

112 100

64 59.2 45.4 68.2

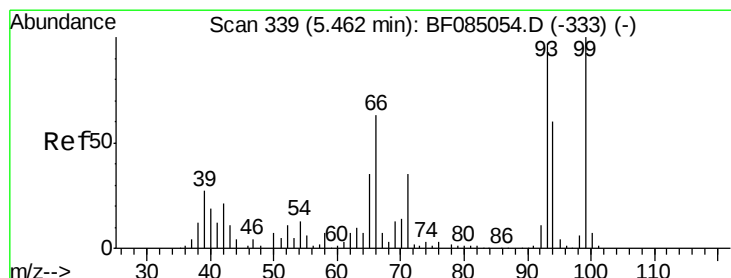
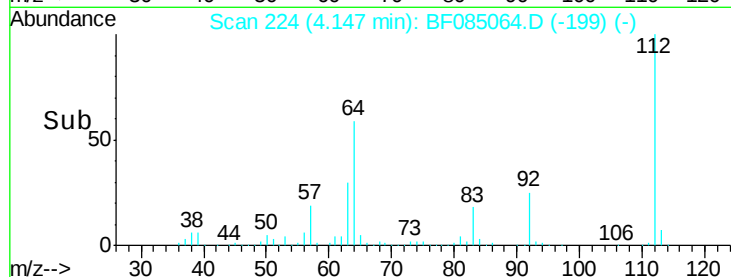
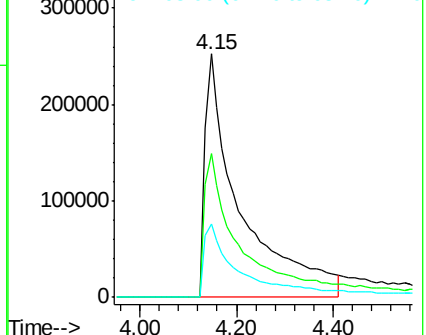
63 30.3 23.2 34.8



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: 17.72 ng

RT: 5.46 min Scan# 339

Delta R.T. 0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

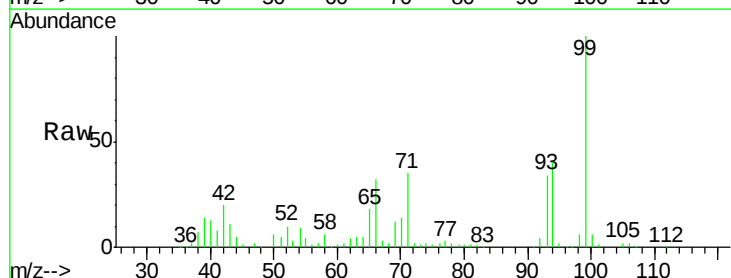
Tgt Ion: 93 Resp: 215073

Ion Ratio Lower Upper

93 100

66 93.5 51.8 77.8#

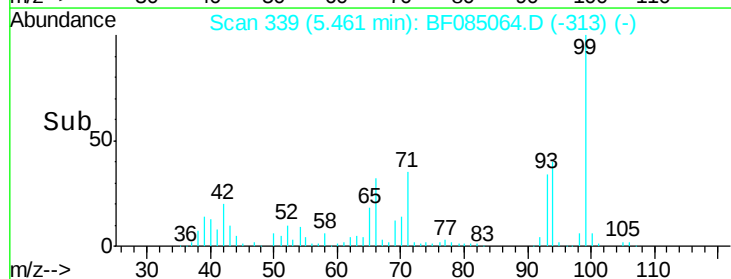
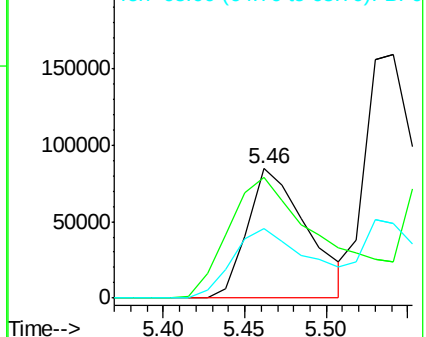
65 53.7 28.5 42.7#

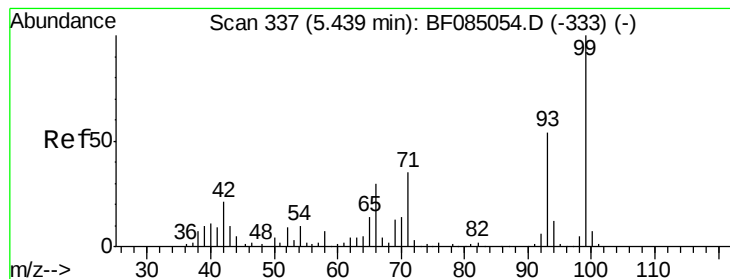


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 165.24 ng

RT: 5.44 min Scan# 337

Delta R.T. -0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

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S4-B003(10-12)MS

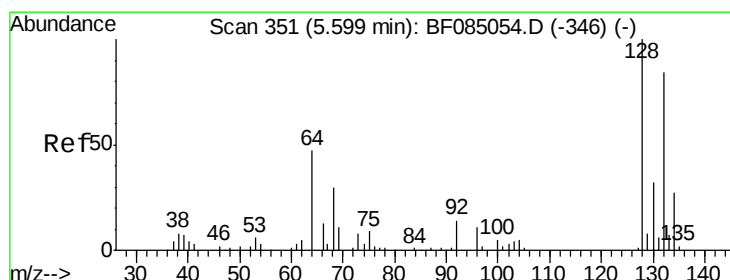
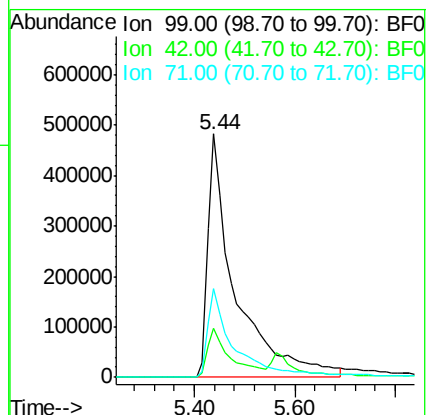
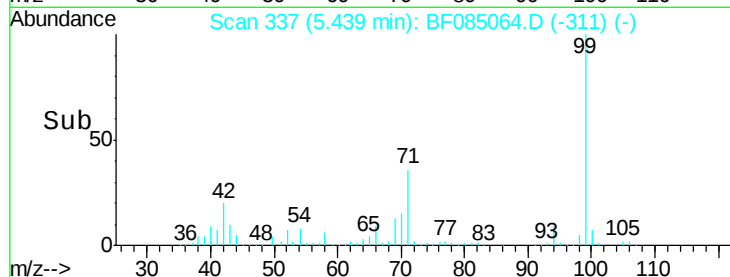
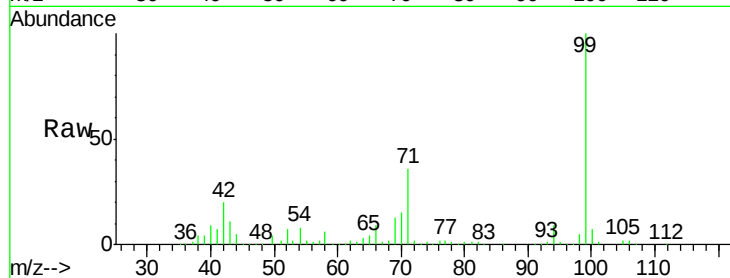
Tgt Ion: 99 Resp: 1835201

Ion Ratio Lower Upper

99 100

42 19.9 17.0 25.4

71 36.2 28.3 42.5



#8

2-Chlorophenol

Concen: 47.05 ng

RT: 5.59 min Scan# 350

Delta R.T. -0.01 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

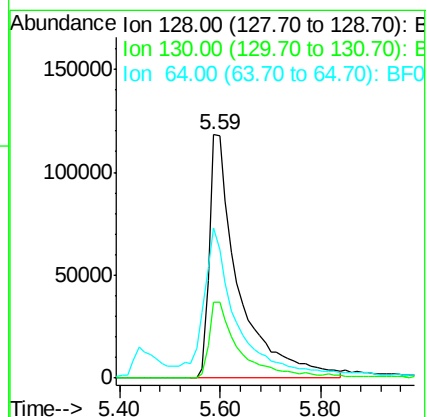
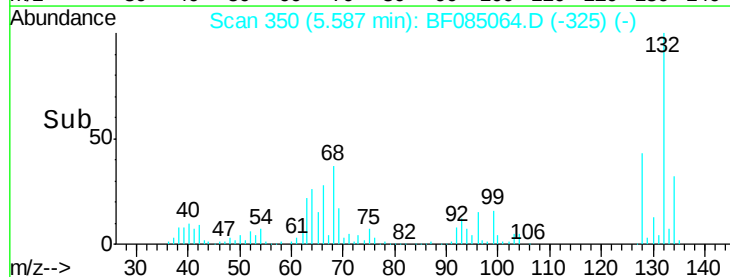
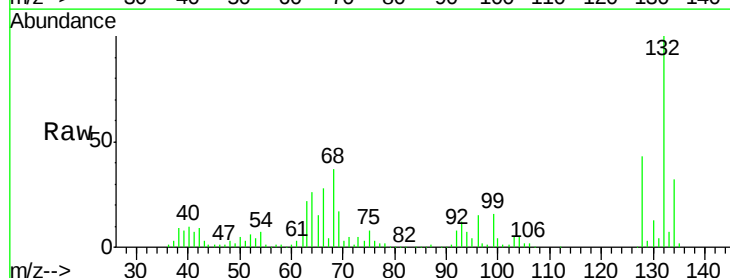
Tgt Ion: 128 Resp: 482029

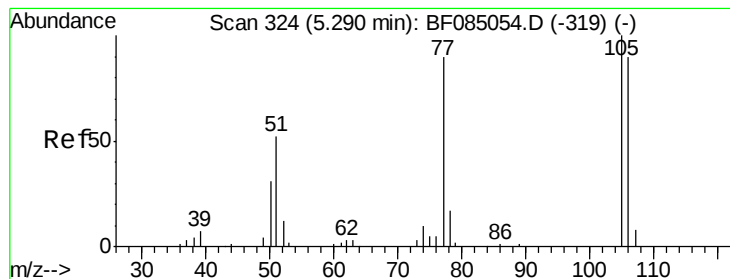
Ion Ratio Lower Upper

128 100

130 31.4 12.4 52.4

64 61.7 32.1 72.1





#9

Benzaldehyde

Concen: 21.26 ng

RT: 5.42 min Scan# 335

Delta R.T. 0.13 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

Instrument :

BNA_F

ClientSampleId :

S4-B003(10-12)MS

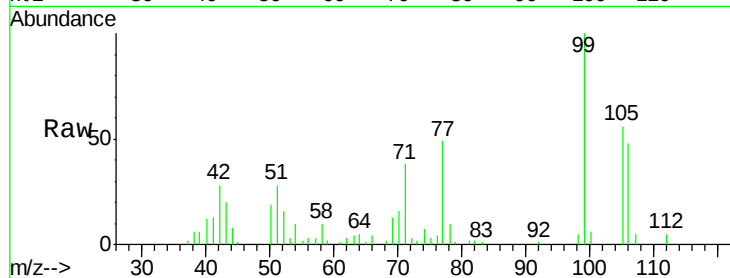
Tgt Ion: 77 Resp: 127210

Ion Ratio Lower Upper

77 100

105 114.1 90.9 130.9

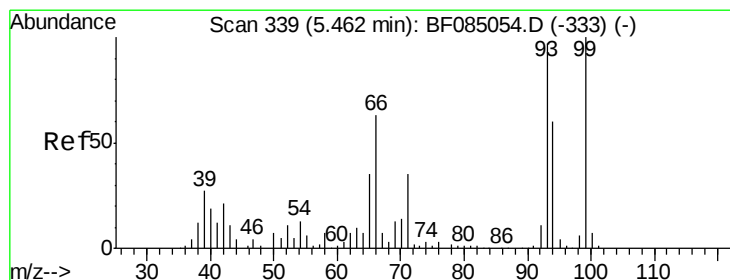
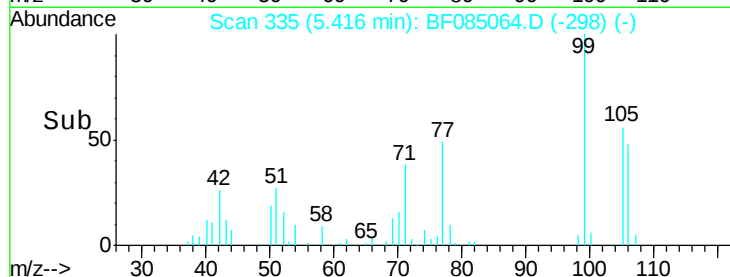
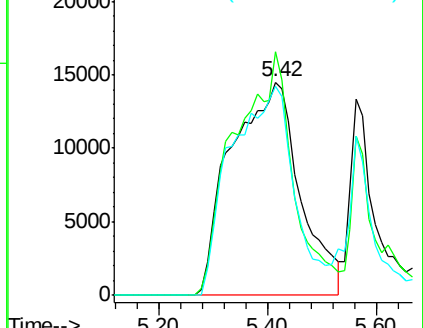
106 98.0 79.7 119.7



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 46.04 ng

RT: 5.46 min Scan# 339

Delta R.T. -0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

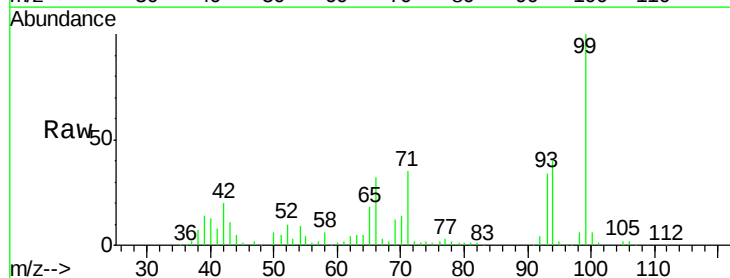
Tgt Ion: 94 Resp: 598094

Ion Ratio Lower Upper

94 100

65 45.4 37.3 77.3

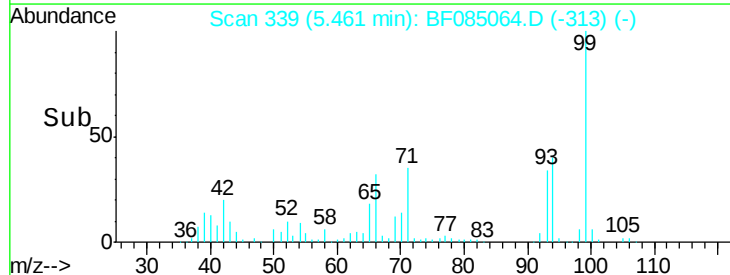
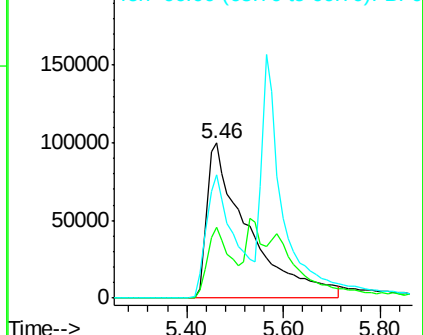
66 79.1 84.1 124.1#

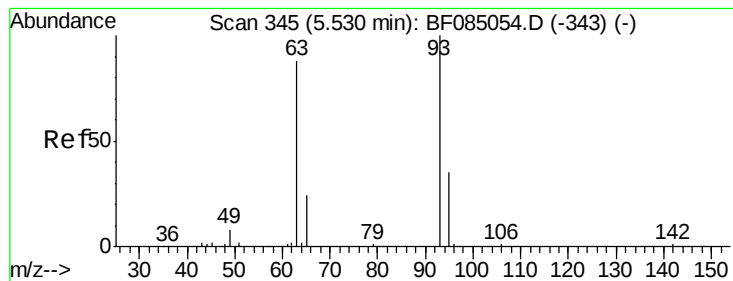


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 44.11 ng

RT: 5.54 min Scan# 346

Delta R.T. 0.01 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

Instrument :

BNA_F

ClientSampleId :

S4-B003(10-12)MS

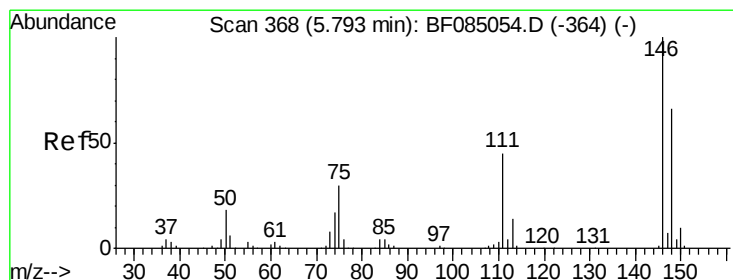
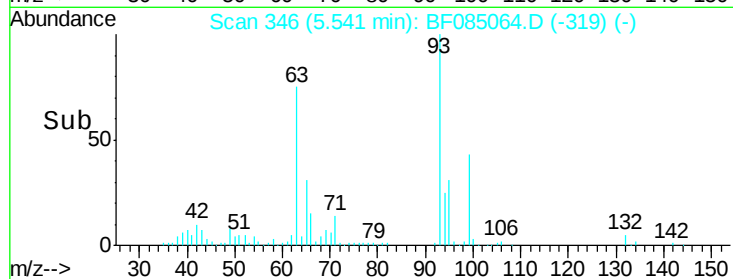
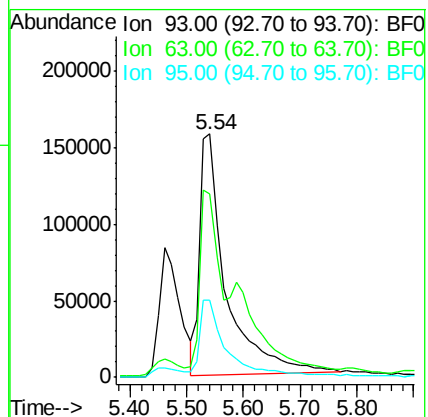
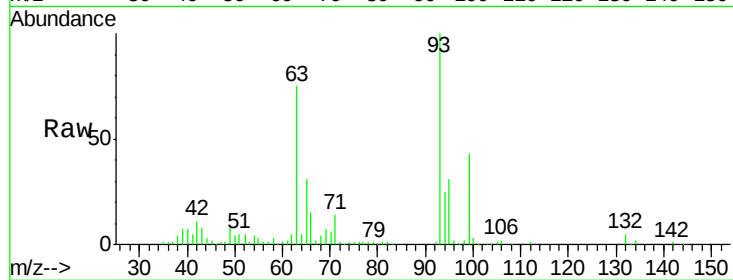
Tgt Ion: 93 Resp: 495673

Ion Ratio Lower Upper

93 100

63 75.1 53.6 93.6

95 31.5 10.1 50.1



#12

1,3-Dichlorobenzene

Concen: 44.09 ng

RT: 5.79 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

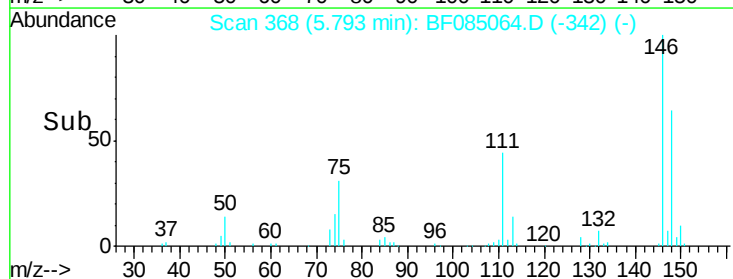
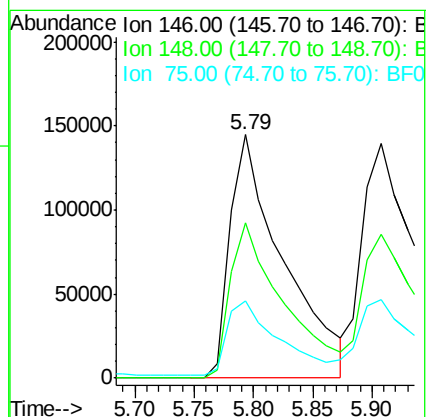
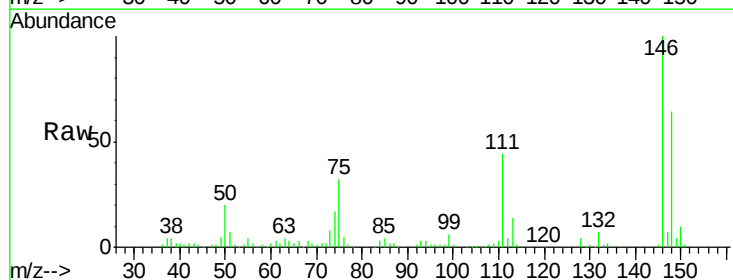
Tgt Ion: 146 Resp: 449130

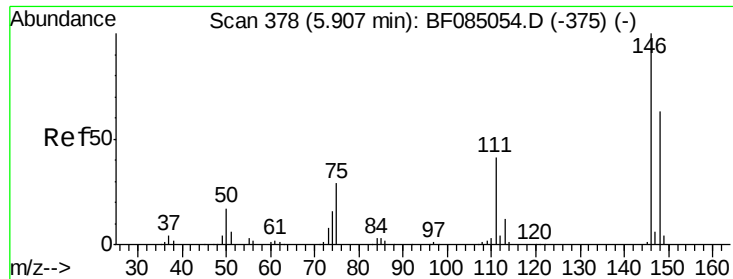
Ion Ratio Lower Upper

146 100

148 63.9 53.1 79.7

75 31.5 24.4 36.6

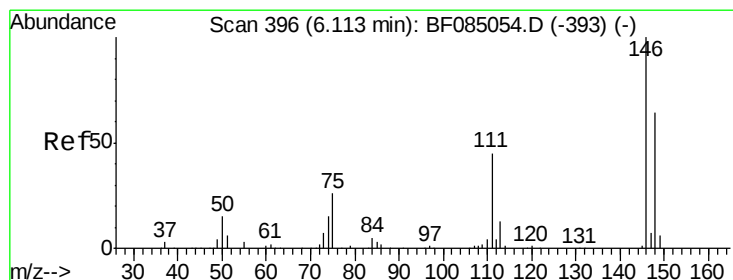
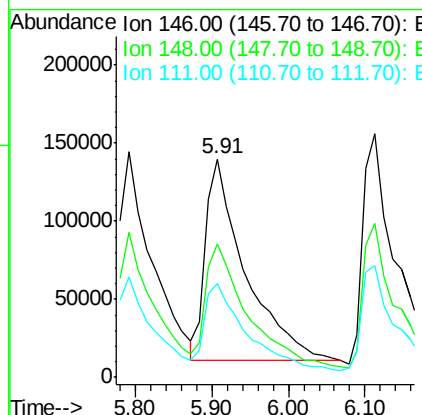
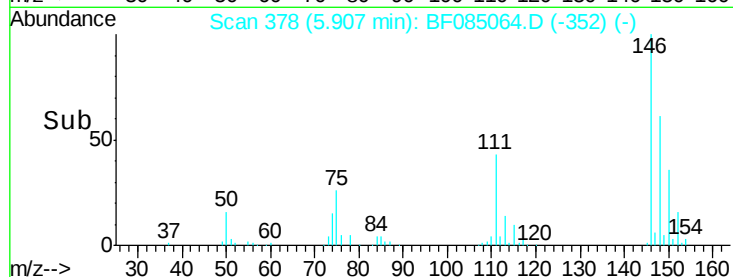
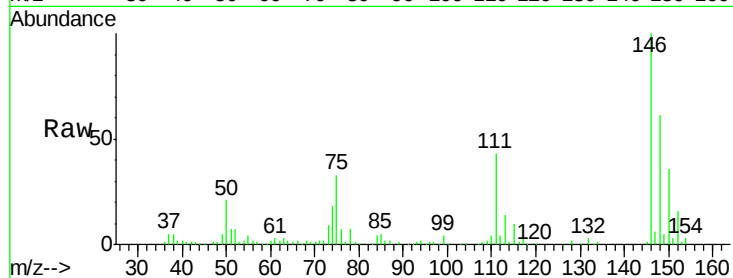




#13
1,4-Dichlorobenzene
Concen: 40.74 ng
RT: 5.91 min Scan# 378
Delta R.T. -0.00 min
Lab File: BF085064.D
Acq: 13 Feb 2016 3:13

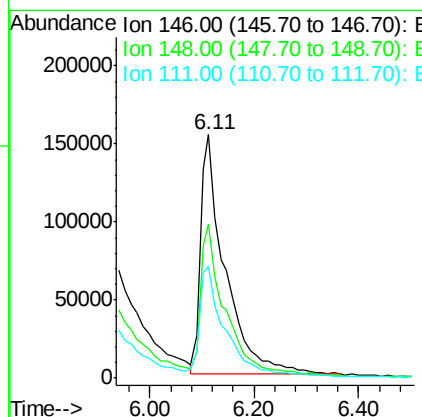
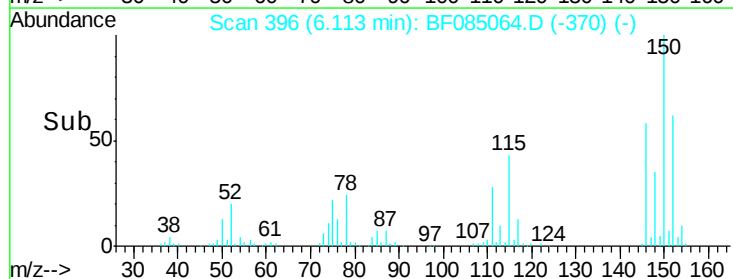
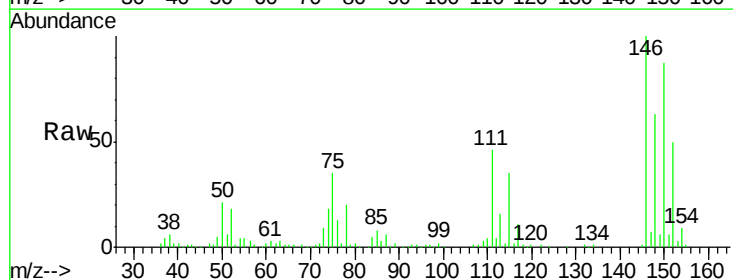
Instrument :
BNA_F
ClientSampleId :
S4-B003(10-12)MS

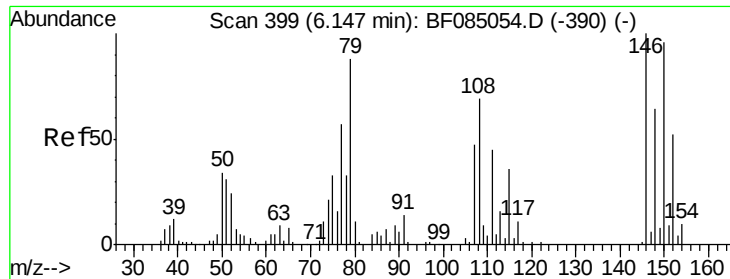
Tgt Ion:146 Resp: 461801
Ion Ratio Lower Upper
146 100
148 61.0 50.3 75.5
111 42.9 33.6 50.4



#14
1,2-Dichlorobenzene
Concen: 46.72 ng
RT: 6.11 min Scan# 396
Delta R.T. -0.00 min
Lab File: BF085064.D
Acq: 13 Feb 2016 3:13

Tgt Ion:146 Resp: 497826
Ion Ratio Lower Upper
146 100
148 63.4 51.5 77.3
111 45.7 36.5 54.7

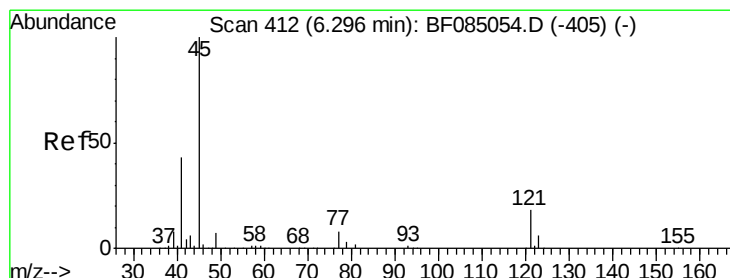
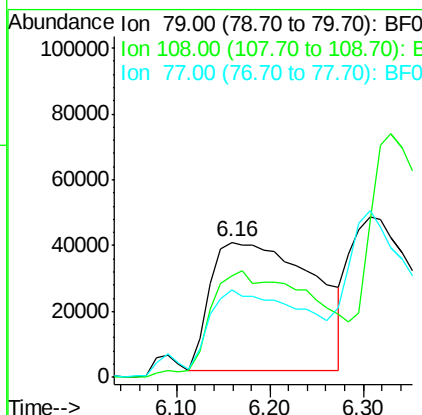
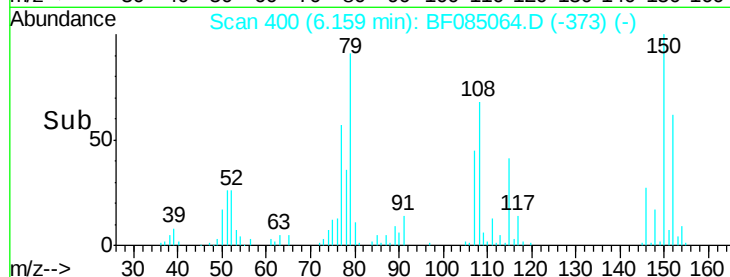
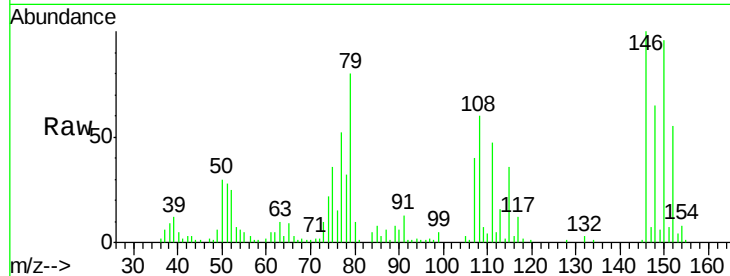




#15
Benzyl Alcohol
Concen: 43.90 ng
RT: 6.16 min Scan# 400
Delta R.T. 0.01 min
Lab File: BF085064.D
Acq: 13 Feb 2016 3:13

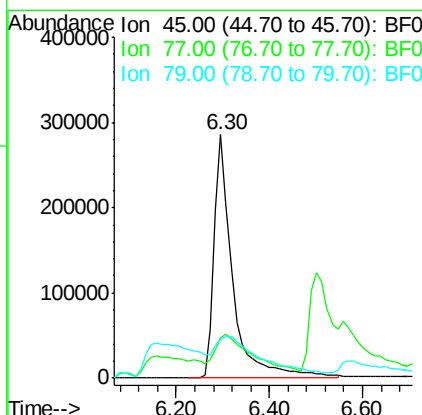
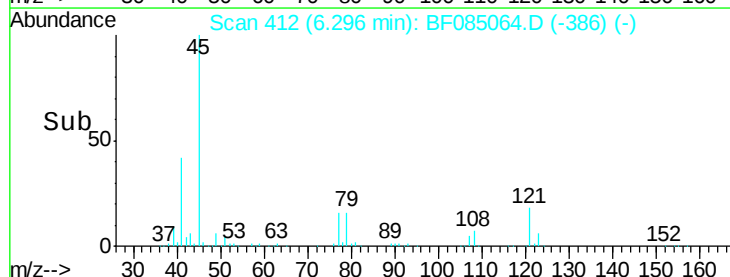
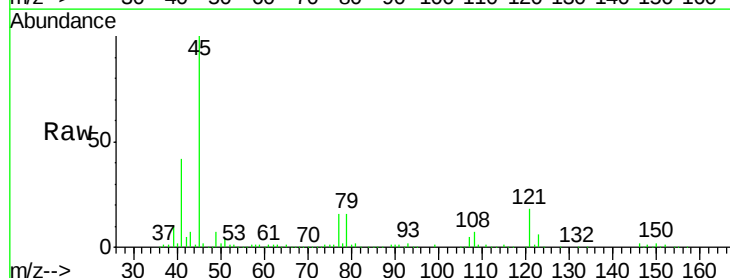
Instrument :
BNA_F
ClientSampleId :
S4-B003(10-12)MS

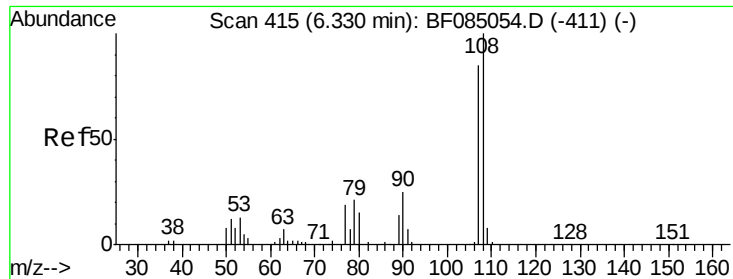
Tgt Ion: 79 Resp: 297926
Ion Ratio Lower Upper
79 100
108 74.8 63.4 95.0
77 64.6 51.8 77.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.26 ng
RT: 6.30 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF085064.D
Acq: 13 Feb 2016 3:13

Tgt Ion: 45 Resp: 791596
Ion Ratio Lower Upper
45 100
77 16.4 0.0 35.2
79 15.8 0.0 33.7

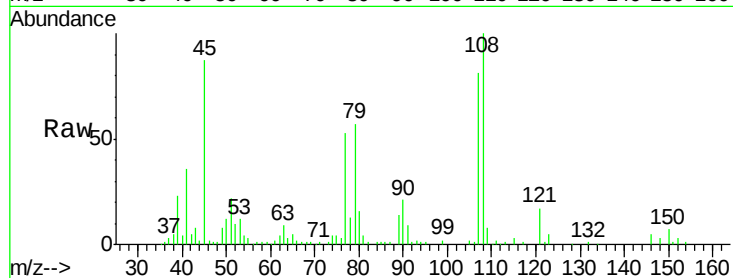




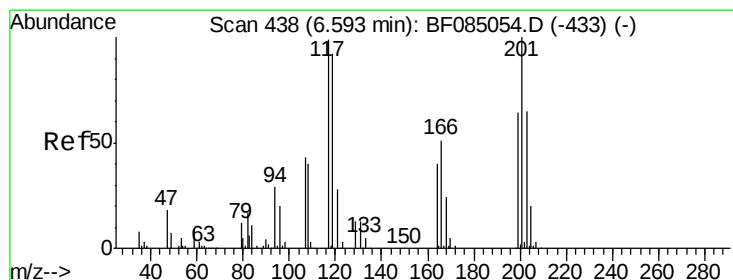
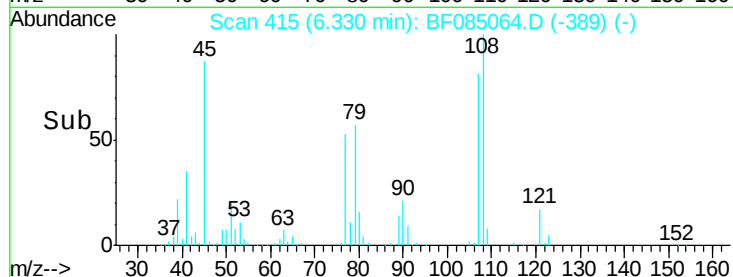
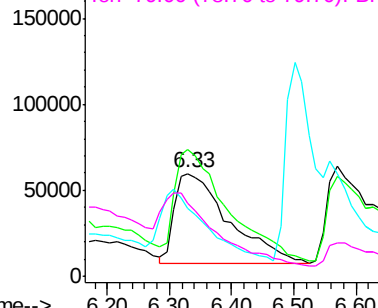
#17
2-Methylphenol
Concen: 42.41 ng
RT: 6.33 min Scan# 415
Delta R.T. -0.00 min
Lab File: BF085064.D
Acq: 13 Feb 2016 3:13

Instrument :
BNA_F
ClientSampleId :
S4-B003(10-12)MS

Tgt Ion:	107	Resp:	314565
Ion	Ratio	Lower	Upper
107	100		
108	123.9	97.0	145.4
77	65.8	50.5	75.7
79	71.0	50.1	75.1

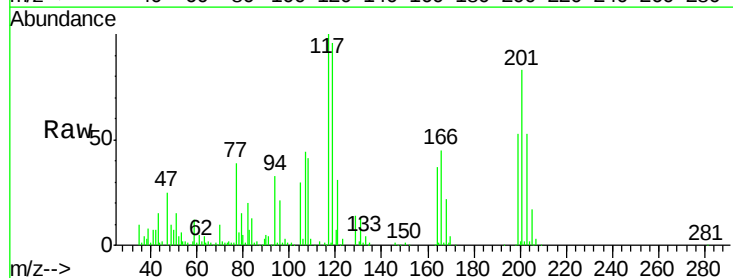


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

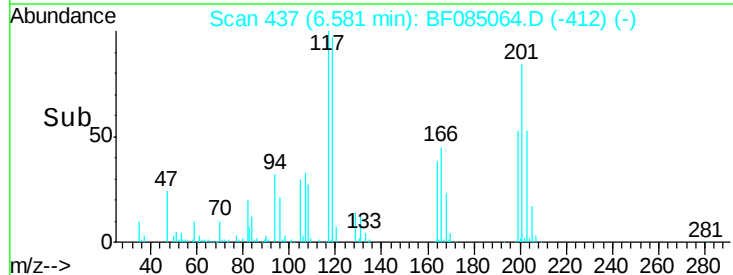
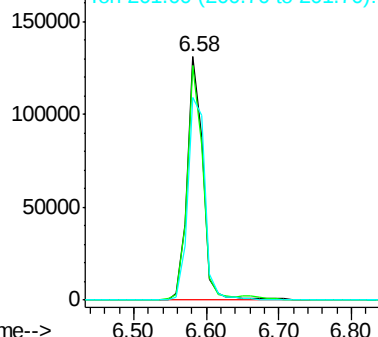


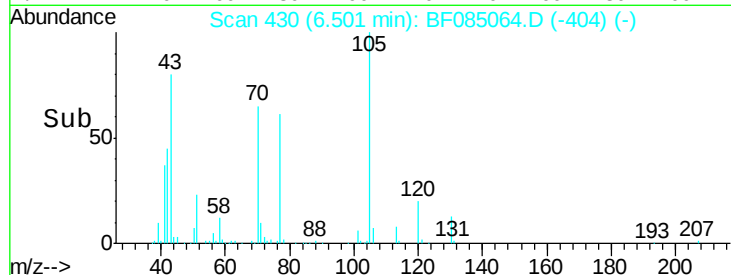
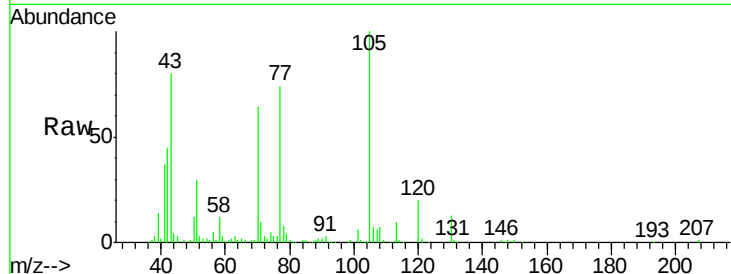
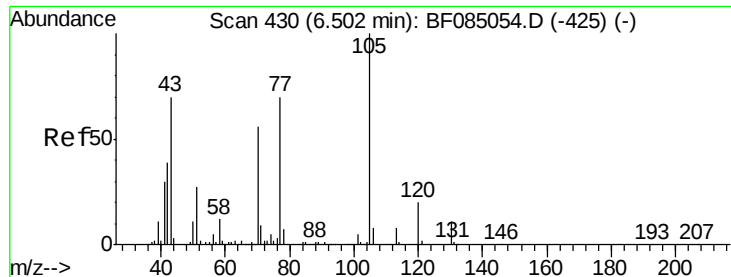
#18
Hexachloroethane
Concen: 47.26 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.01 min
Lab File: BF085064.D
Acq: 13 Feb 2016 3:13

Tgt Ion:	117	Resp:	197403
Ion	Ratio	Lower	Upper
117	100		
119	96.4	74.5	111.7
201	83.5	80.9	121.3



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

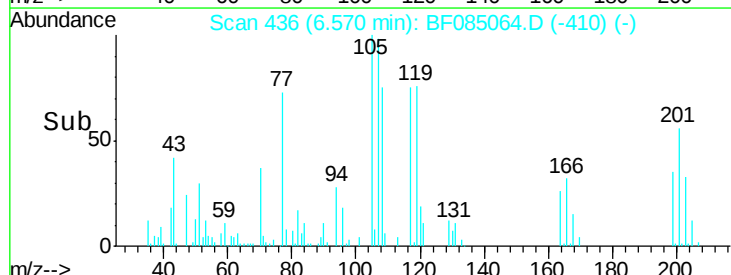
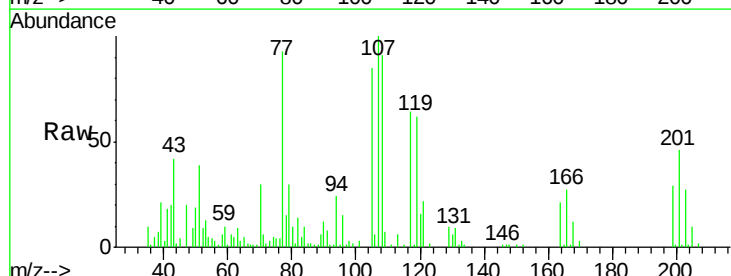
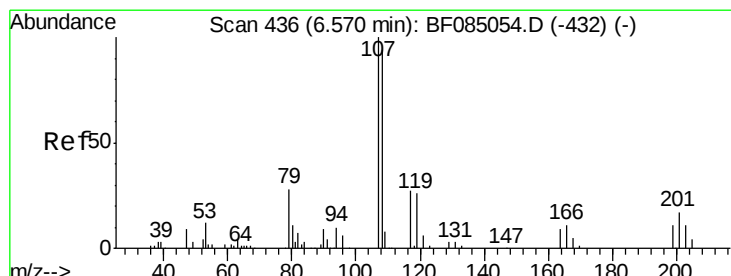
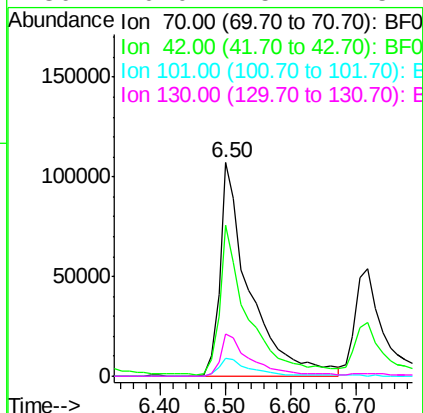




#19
n-Nitroso-di-n-propylamine
Concen: 48.32 ng
RT: 6.50 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF085064.D
Acq: 13 Feb 2016 3:13

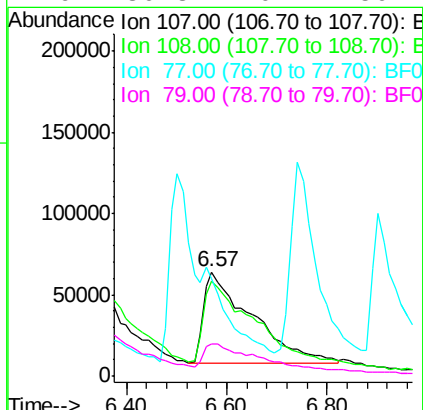
Instrument :
BNA_F
ClientSampleId :
S4-B003(10-12)MS

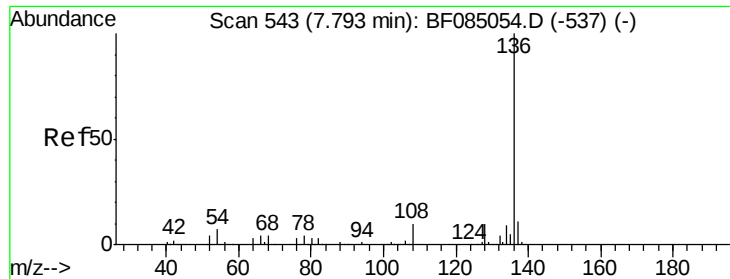
Tgt Ion:	70	Resp:	338083
Ion	Ratio	Lower	Upper
70	100		
42	70.9	55.8	83.6
101	8.6	7.7	11.5
130	20.0	15.4	23.2



#20
3+4-Methylphenols
Concen: 42.58 ng
RT: 6.57 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF085064.D
Acq: 13 Feb 2016 3:13

Tgt Ion:	107	Resp:	378323
Ion	Ratio	Lower	Upper
107	100		
108	91.0	74.4	114.4
77	93.2	46.9	86.9
79	30.3	10.4	50.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.79 min Scan# 543

Delta R.T. -0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

Instrument :

BNA_F

ClientSampleId :

S4-B003(10-12)MS

Tgt Ion:136 Resp: 629780

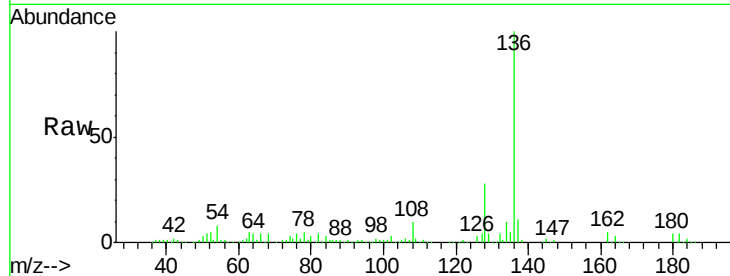
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 8.3 6.1 9.1

68 4.5 3.5 5.3

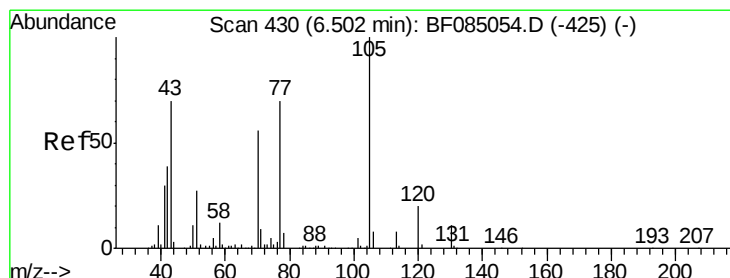
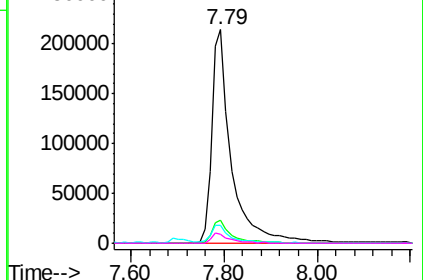
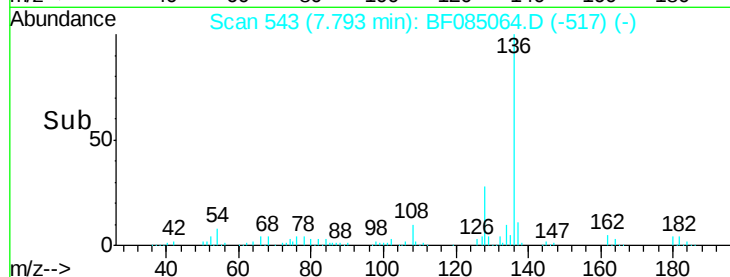


Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.79 ng

RT: 6.50 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

Tgt Ion:105 Resp: 722978

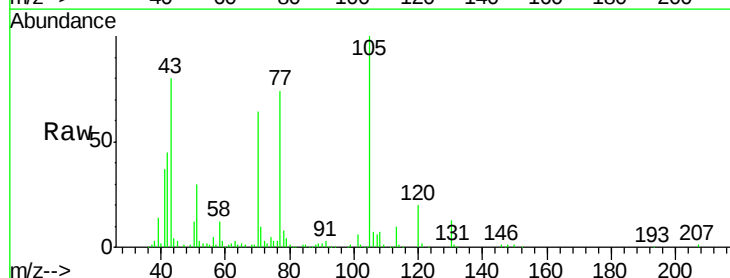
Ion Ratio Lower Upper

105 100

71 10.4 7.5 11.3

51 29.7 23.1 34.7

120 19.9 15.9 23.9

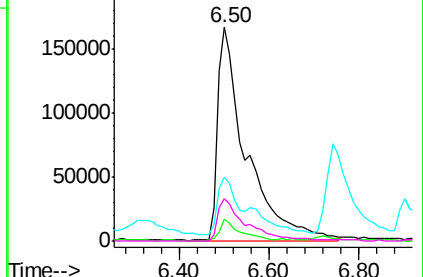
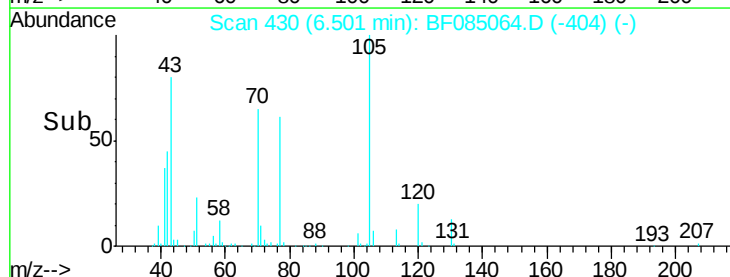


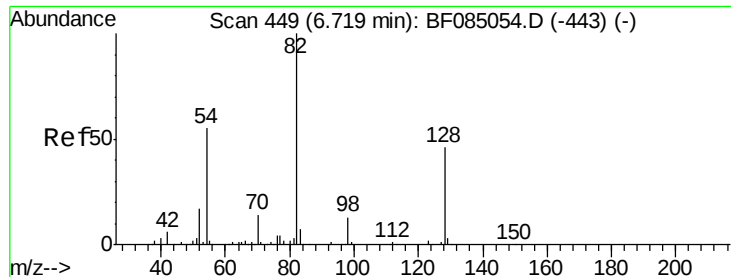
Abundance Ion 105.00 (104.70 to 105.70): E

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

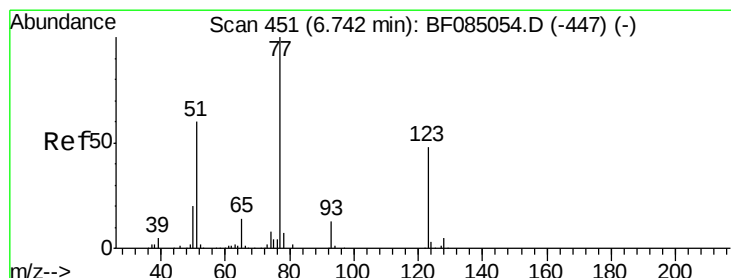
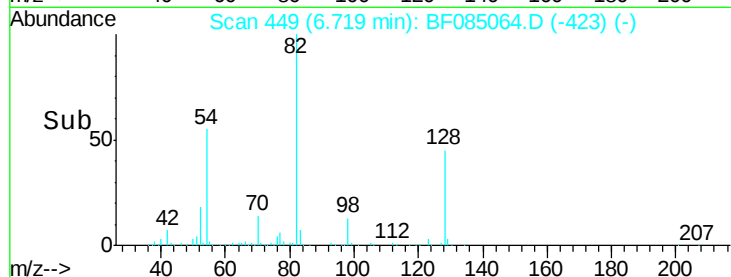
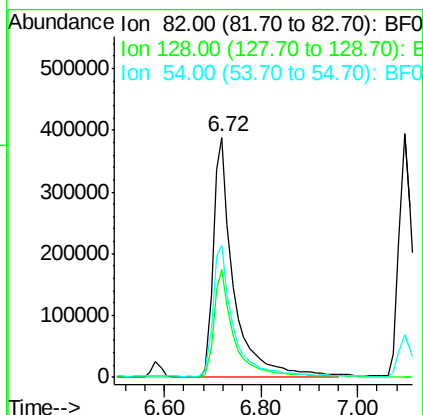
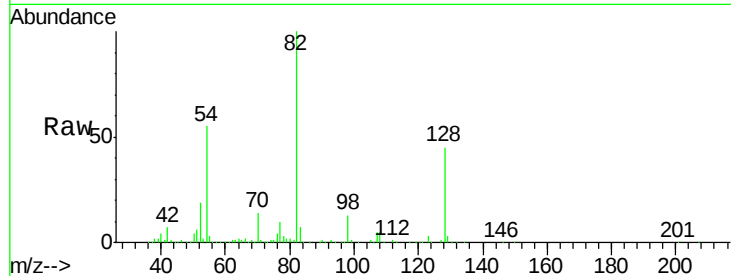




#23
 Nitrobenzene-d5
 Concen: 108.27 ng
 RT: 6.72 min Scan# 449
 Delta R.T. -0.00 min
 Lab File: BF085064.D
 Acq: 13 Feb 2016 3:13

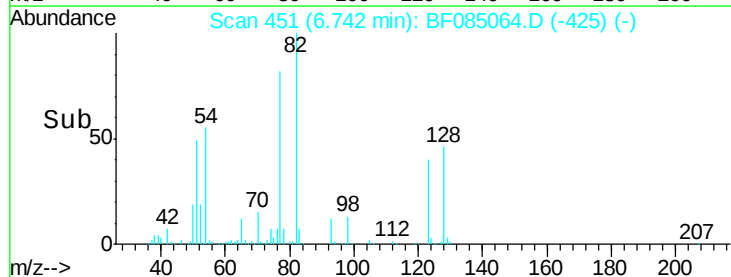
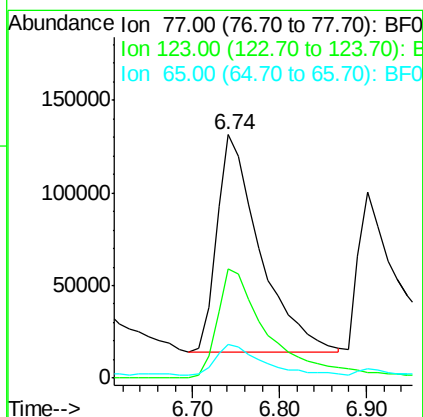
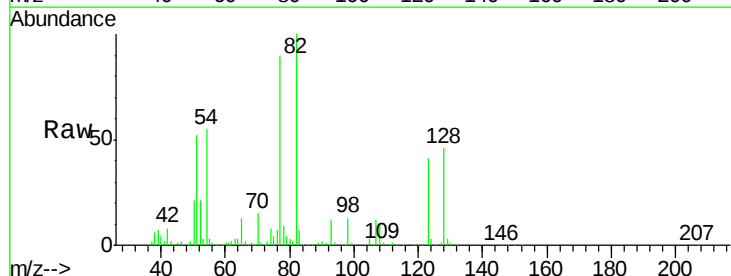
Instrument :
 BNA_F
 ClientSampleId :
 S4-B003(10-12)MS

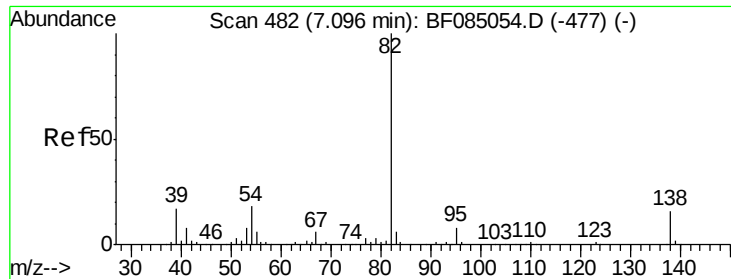
Tgt Ion: 82 Resp: 1154657
 Ion Ratio Lower Upper
 82 100
 128 44.7 36.8 55.2
 54 55.3 44.4 66.6



#24
 Nitrobenzene
 Concen: 34.82 ng
 RT: 6.74 min Scan# 451
 Delta R.T. -0.00 min
 Lab File: BF085064.D
 Acq: 13 Feb 2016 3:13

Tgt Ion: 77 Resp: 405752
 Ion Ratio Lower Upper
 77 100
 123 45.1 36.5 54.7
 65 13.9 10.9 16.3





#25

Isophorone

Concen: 47.35 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

Instrument :

BNA_F

ClientSampleId :

S4-B003(10-12)MS

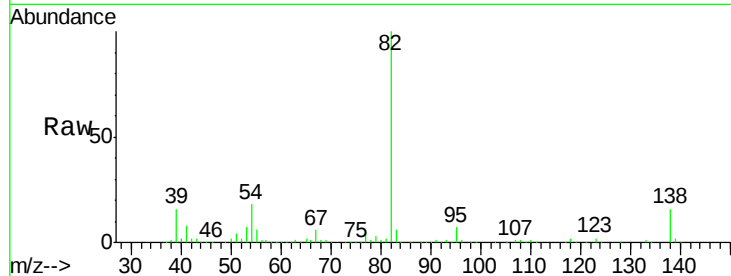
Tgt Ion: 82 Resp: 905853

Ion Ratio Lower Upper

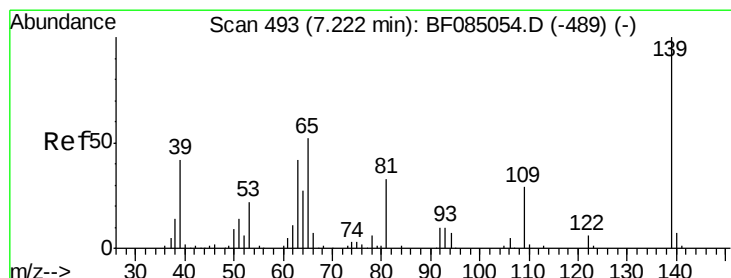
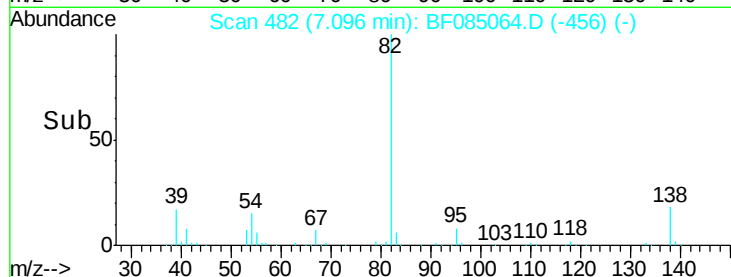
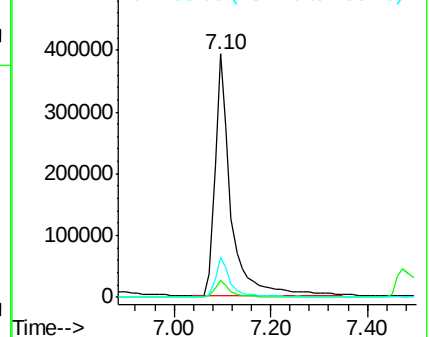
82 100

95 7.2 6.1 9.1

138 16.4 13.1 19.7



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): E



#26

2-Nitrophenol

Concen: 46.76 ng

RT: 7.22 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

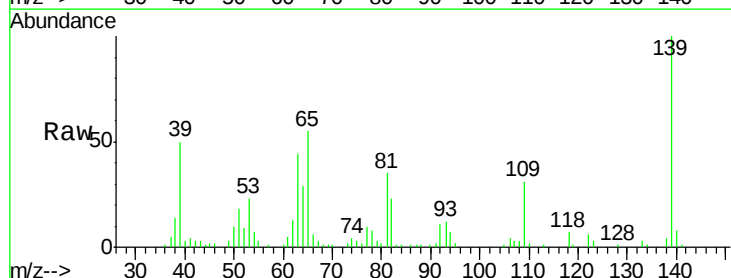
Tgt Ion: 139 Resp: 261165

Ion Ratio Lower Upper

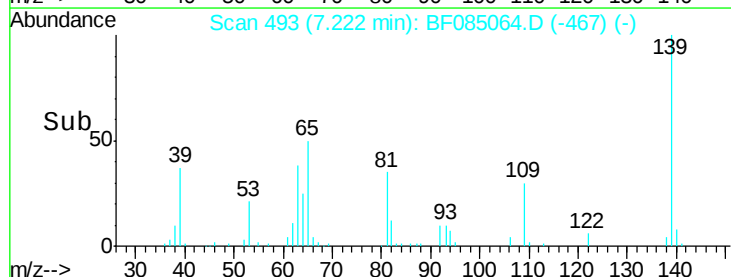
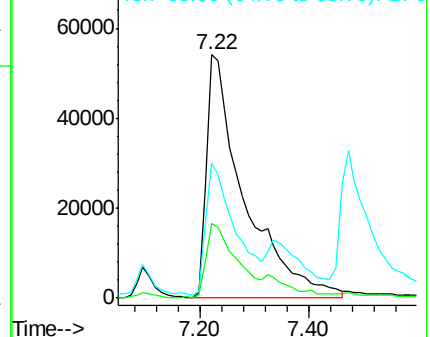
139 100

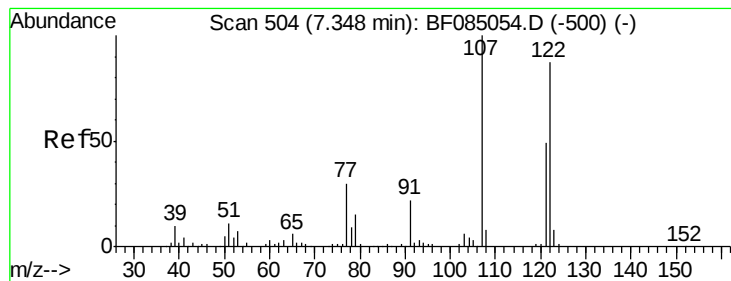
109 30.7 23.4 35.2

65 55.2 42.3 63.5



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: 47.05 ng

RT: 7.35 min Scan# 504

Delta R.T. -0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

Instrument :

BNA_F

ClientSampleId :

S4-B003(10-12)MS

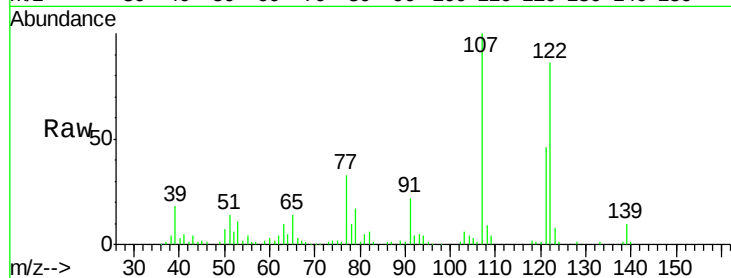
Tgt Ion:122 Resp: 425180

Ion Ratio Lower Upper

122 100

107 115.9 91.8 137.8

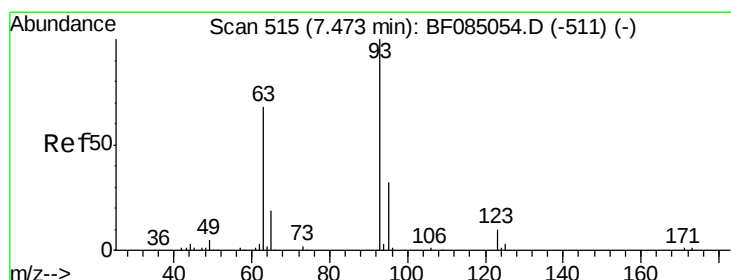
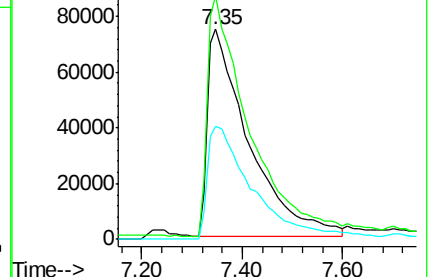
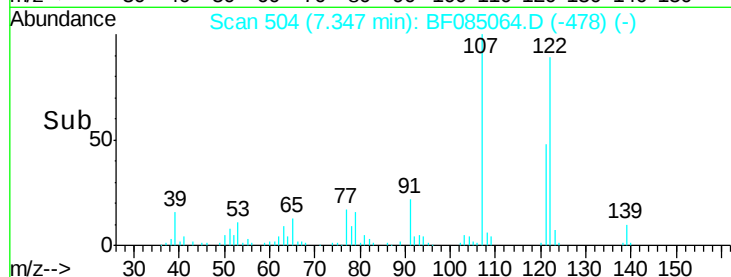
121 53.6 45.0 67.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 49.08 ng

RT: 7.47 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

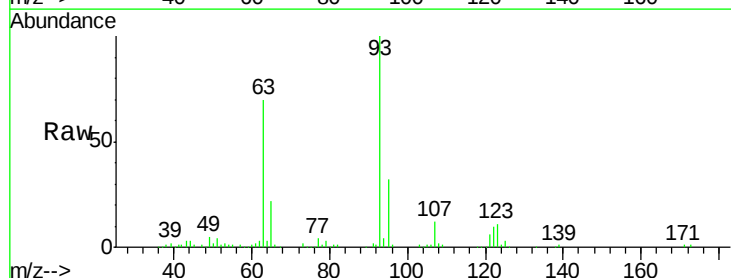
Tgt Ion: 93 Resp: 582806

Ion Ratio Lower Upper

93 100

95 32.1 25.6 38.4

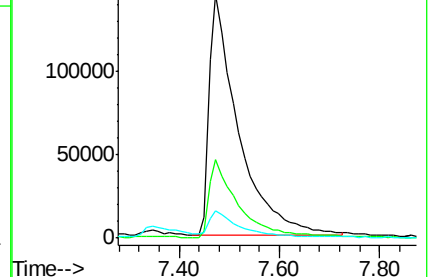
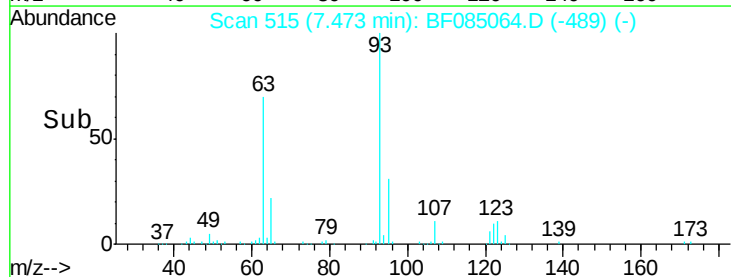
123 11.2 8.7 13.1

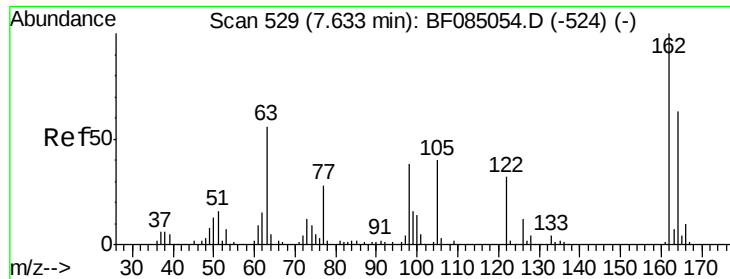


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

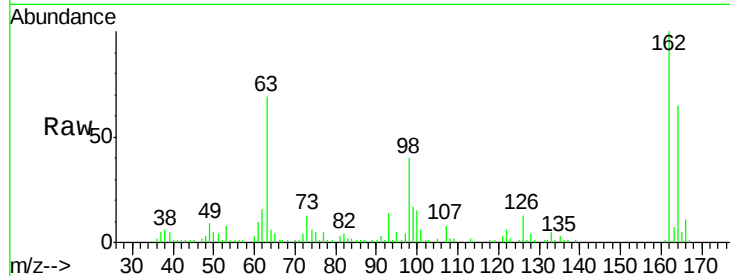




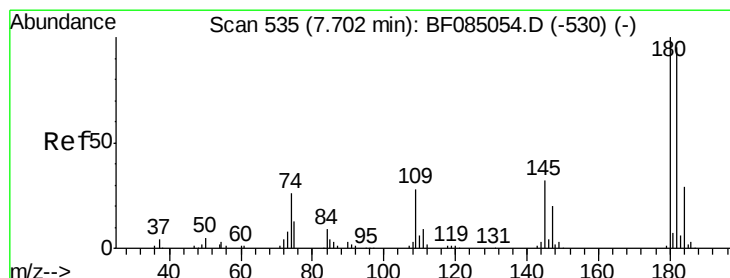
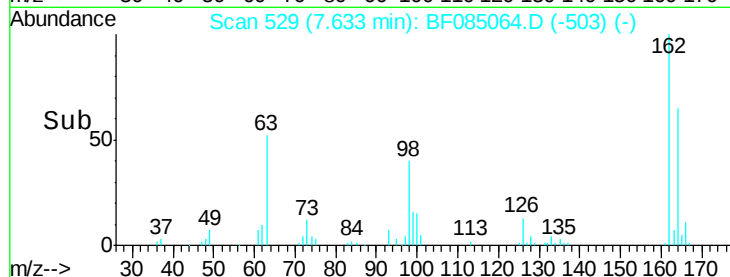
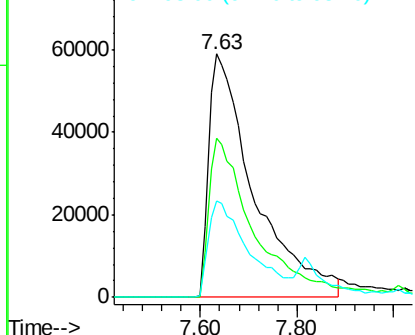
#29
 2,4-Dichlorophenol
 Concen: 46.97 ng
 RT: 7.63 min Scan# 529
 Delta R.T. -0.00 min
 Lab File: BF085064.D
 Acq: 13 Feb 2016 3:13

Instrument :
 BNA_F
 ClientSampleId :
 S4-B003(10-12)MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.5	42.8	82.8
98	39.5	17.6	57.6

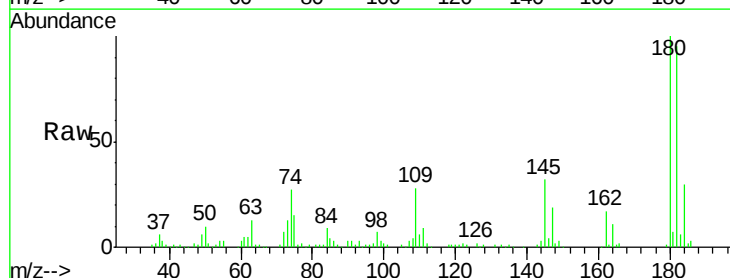


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

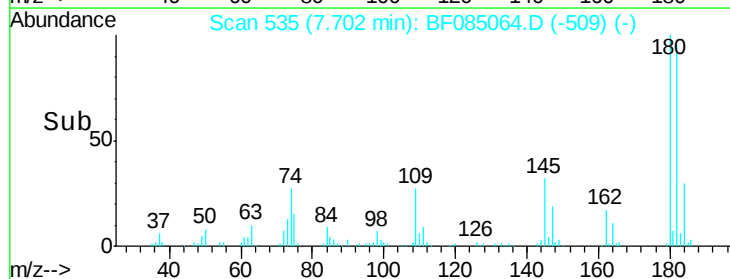
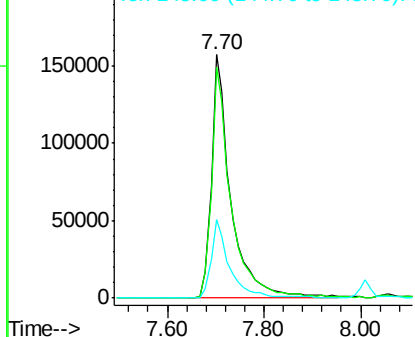


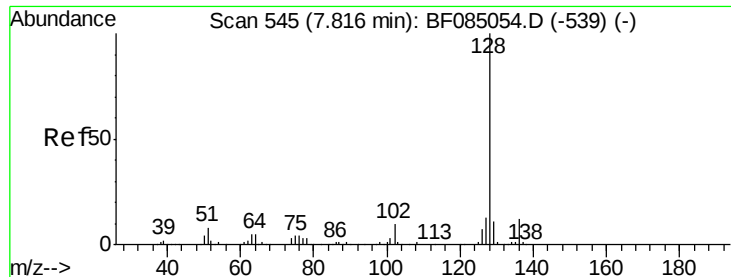
#30
 1,2,4-Trichlorobenzene
 Concen: 46.97 ng
 RT: 7.70 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: BF085064.D
 Acq: 13 Feb 2016 3:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.8	113.8
145	32.0	25.9	38.9



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

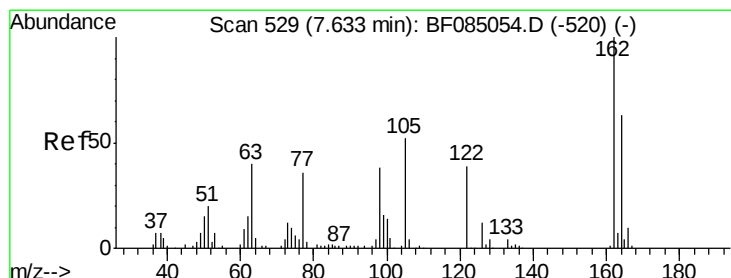
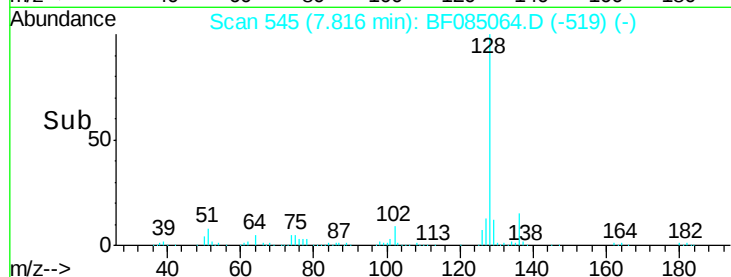
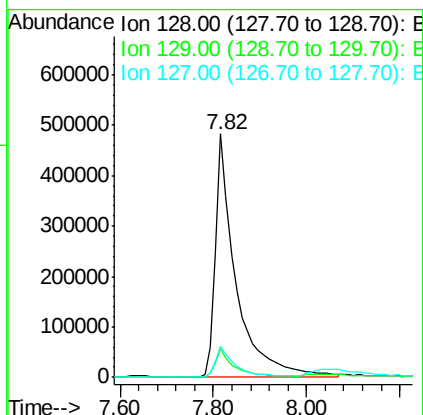
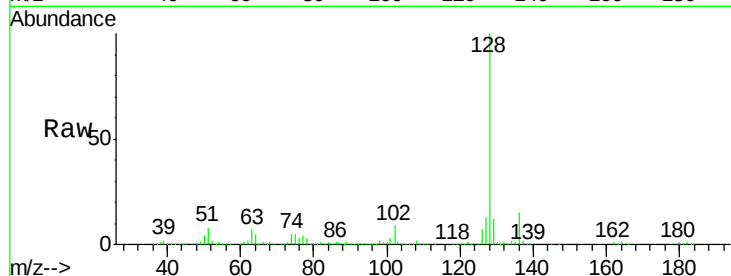




#31
Naphthalene
Concen: 48.34 ng
RT: 7.82 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF085064.D
Acq: 13 Feb 2016 3:13

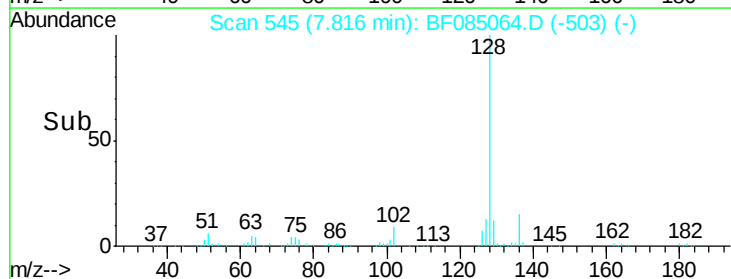
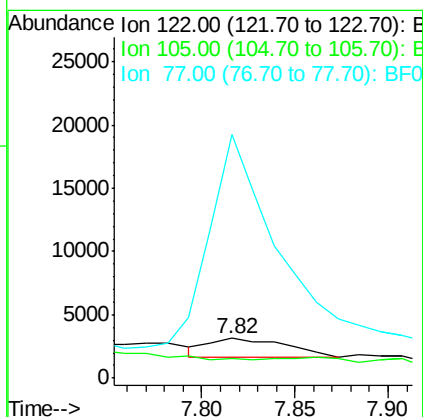
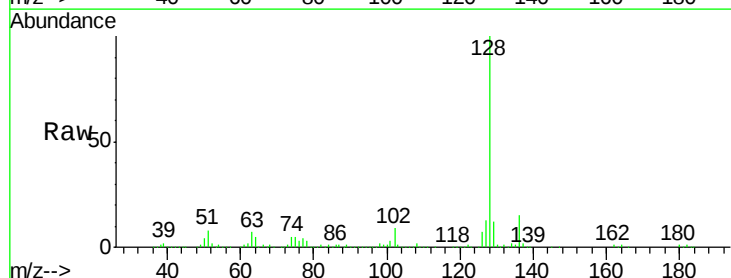
Instrument :
BNA_F
ClientSampleId :
S4-B003(10-12)MS

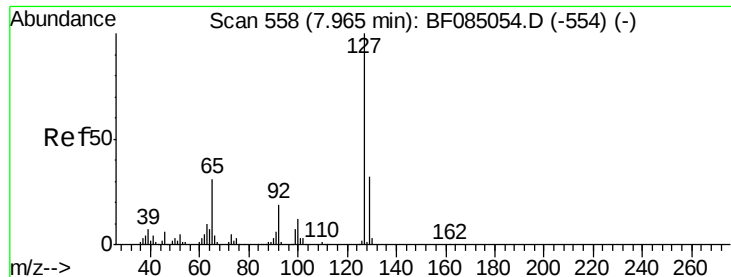
Tgt Ion:128 Resp: 1476044
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.0 10.3 15.5



#32
Benzoic acid
Concen: 6.66 ng
RT: 7.82 min Scan# 545
Delta R.T. 0.18 min
Lab File: BF085064.D
Acq: 13 Feb 2016 3:13

Tgt Ion:122 Resp: 4324
Ion Ratio Lower Upper
122 100
105 50.9 101.3 141.3#
77 614.1 70.0 110.0#

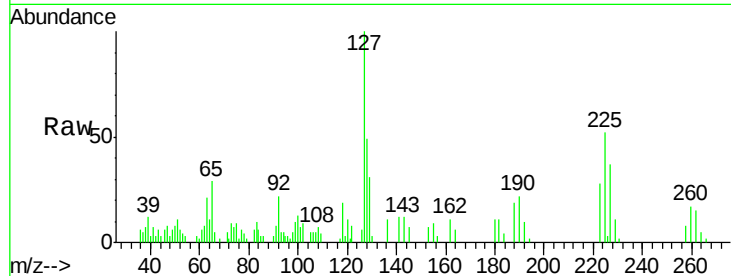




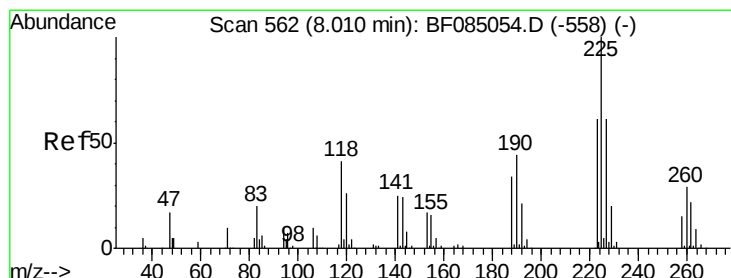
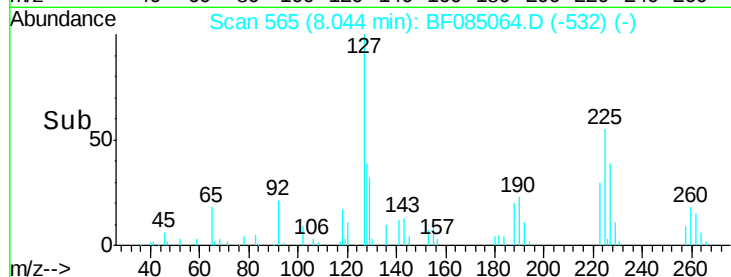
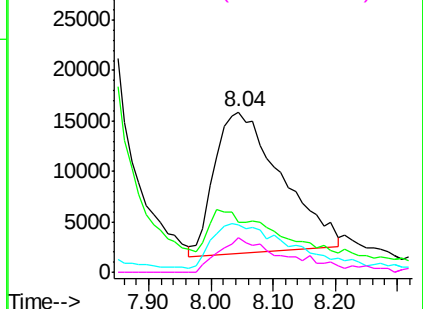
#33
4-Chloroaniline
Concen: 9.02 ng
RT: 8.04 min Scan# 565
Delta R.T. 0.08 min
Lab File: BF085064.D
Acq: 13 Feb 2016 3:13

Instrument :
BNA_F
ClientSampleId :
S4-B003(10-12)MS

Tgt Ion:	127	Resp:	104418
Ion	Ratio	Lower	Upper
127	100		
129	30.8	26.6	39.8
65	29.3	24.7	37.1
92	21.7	15.1	22.7

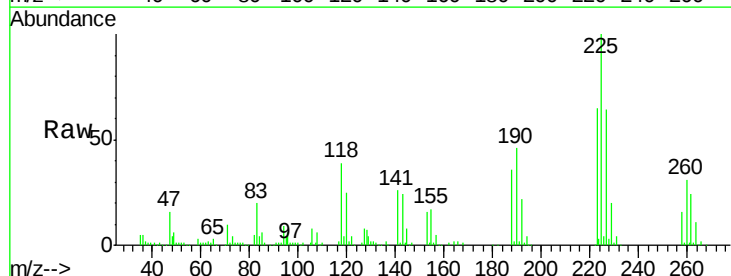


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

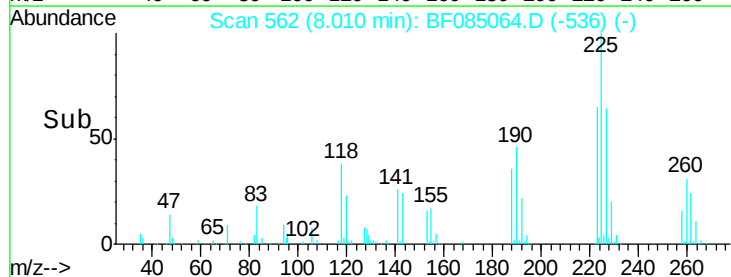
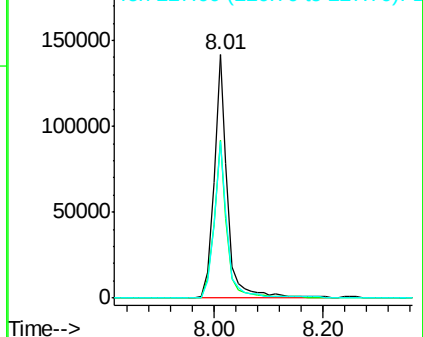


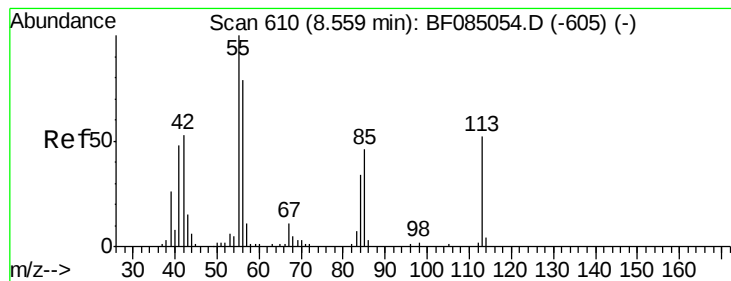
#34
Hexachlorobutadiene
Concen: 46.46 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.00 min
Lab File: BF085064.D
Acq: 13 Feb 2016 3:13

Tgt Ion:	225	Resp:	246330
Ion	Ratio	Lower	Upper
225	100		
223	65.0	48.6	73.0
227	64.3	48.9	73.3



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: 16.51 ng

RT: 8.56 min Scan# 610

Delta R.T. -0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

Instrument :

BNA_F

ClientSampleId :

S4-B003(10-12)MS

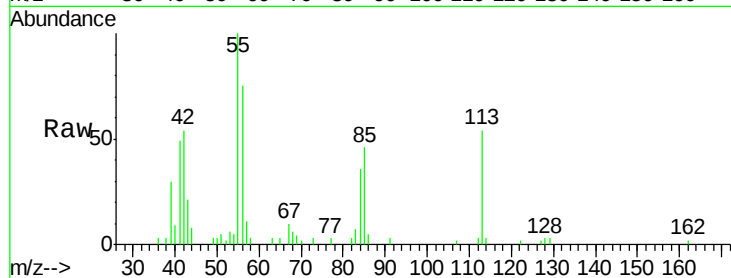
Tgt Ion:113 Resp: 36446

Ion Ratio Lower Upper

113 100

55 185.4 173.1 213.1

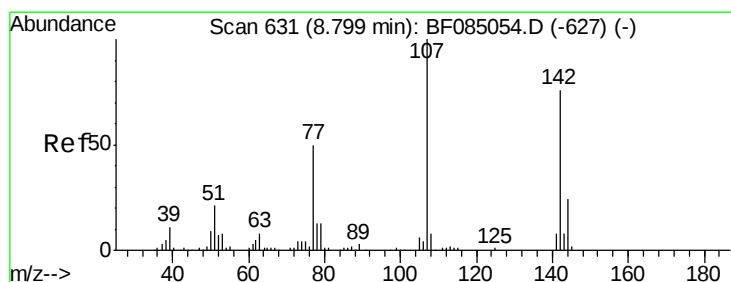
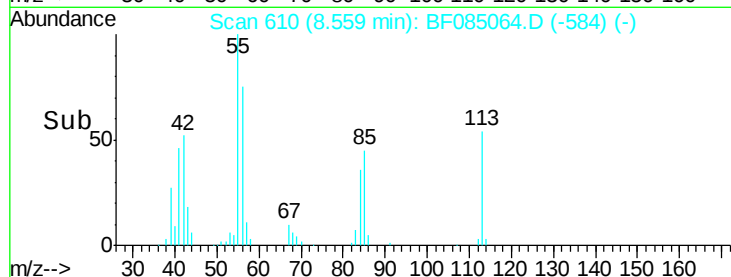
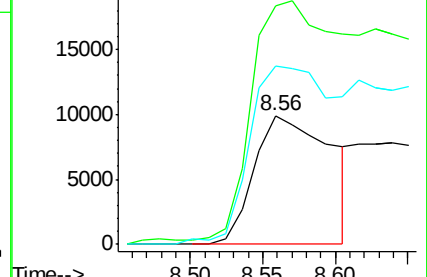
56 138.8 132.9 172.9



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: 46.62 ng

RT: 8.81 min Scan# 632

Delta R.T. 0.01 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

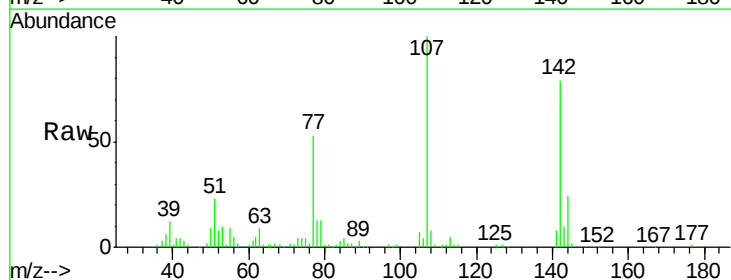
Tgt Ion:107 Resp: 434217

Ion Ratio Lower Upper

107 100

144 24.4 19.2 28.8

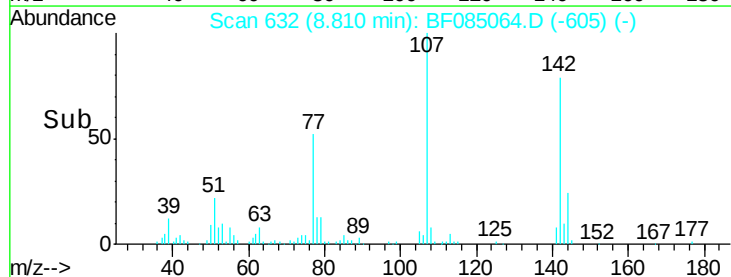
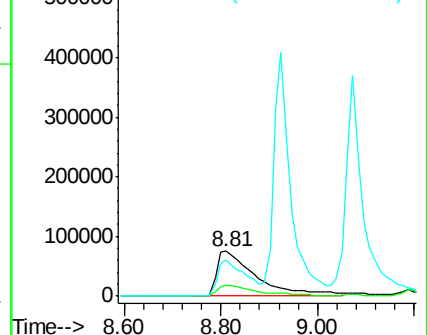
142 79.2 60.6 91.0

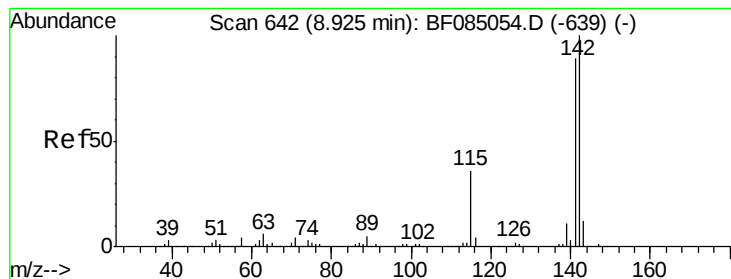


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 48.30 ng

RT: 8.92 min Scan# 642

Delta R.T. -0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

Instrument :

BNA_F

ClientSampleId :

S4-B003(10-12)MS

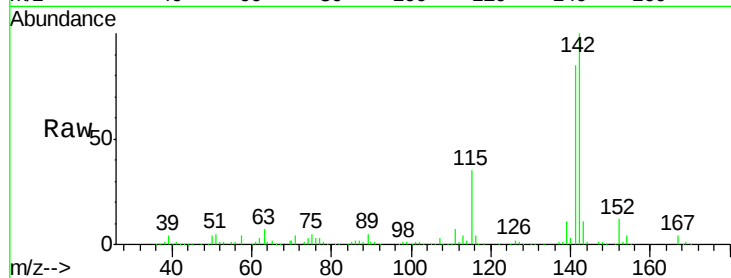
Tgt Ion:142 Resp: 940795

Ion Ratio Lower Upper

142 100

141 85.2 69.6 104.4

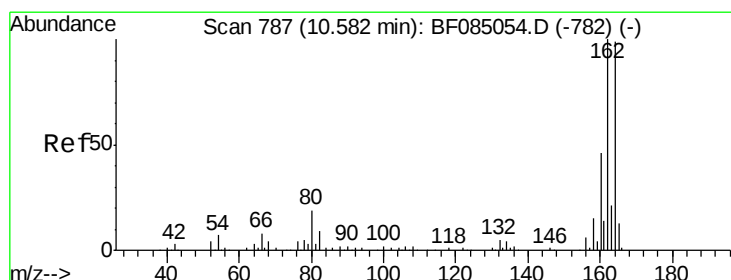
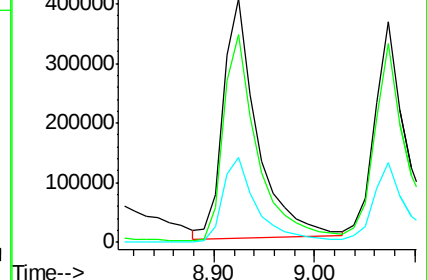
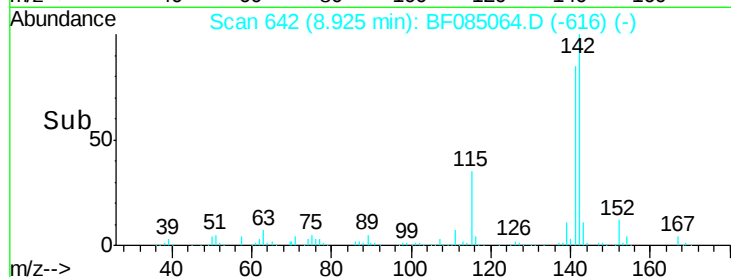
115 34.8 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.59 min Scan# 788

Delta R.T. 0.01 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

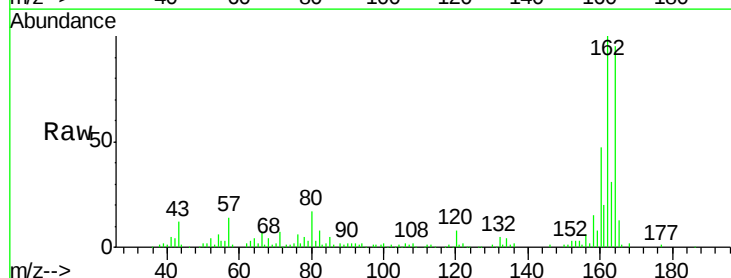
Tgt Ion:164 Resp: 292771

Ion Ratio Lower Upper

164 100

162 104.8 81.1 121.7

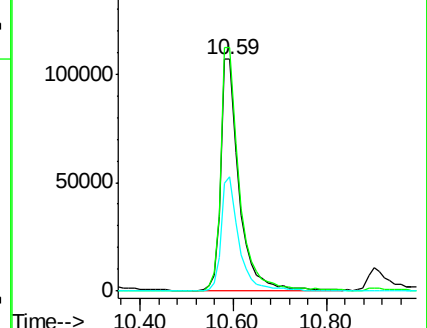
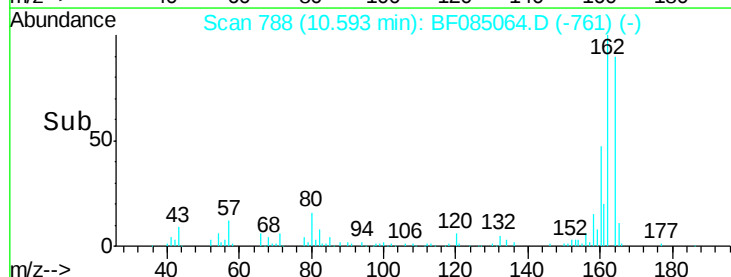
160 49.2 37.4 56.0

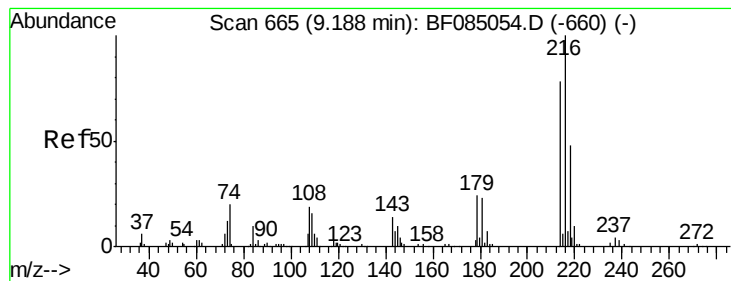


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.73 ng

RT: 9.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

Instrument :

BNA_F

ClientSampleId :

S4-B003(10-12)MS

Tgt Ion:216 Resp: 423136

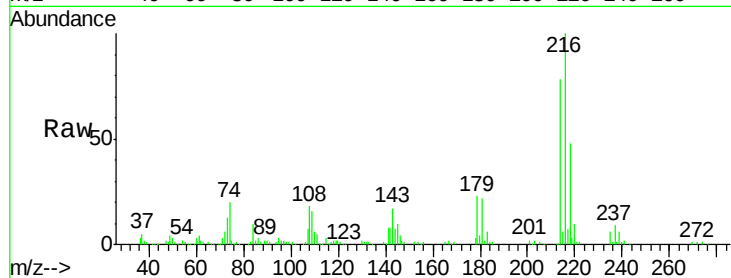
Ion Ratio Lower Upper

216 100

214 77.9 62.2 93.2

179 22.7 18.1 27.1

108 19.5 15.7 23.5

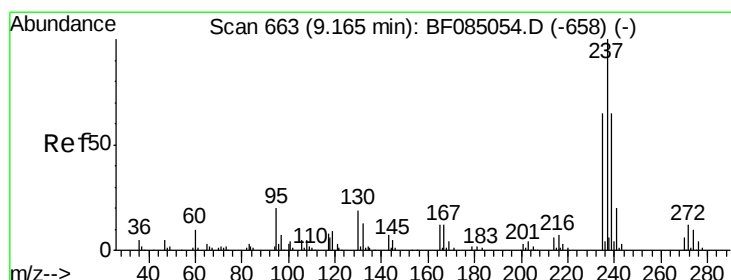
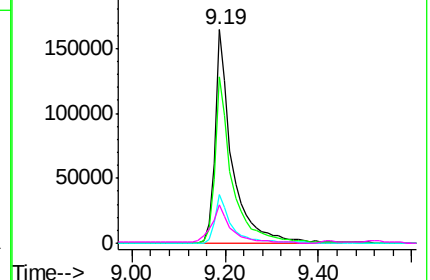
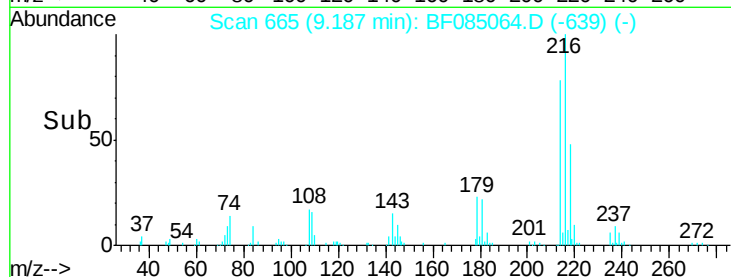


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 83.83 ng

RT: 9.16 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

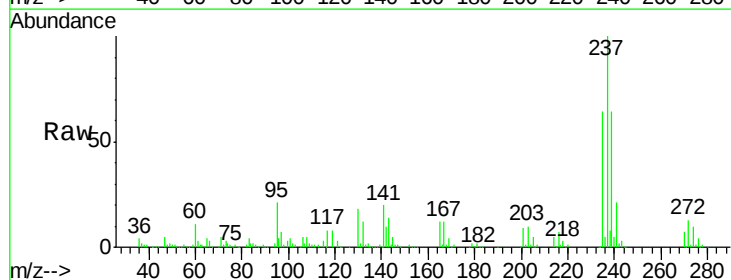
Tgt Ion:237 Resp: 330367

Ion Ratio Lower Upper

237 100

235 63.7 44.8 84.8

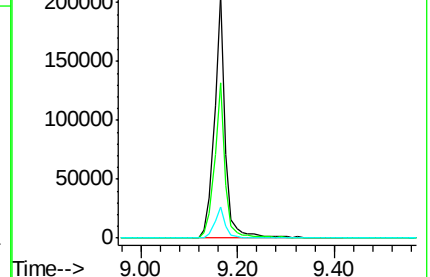
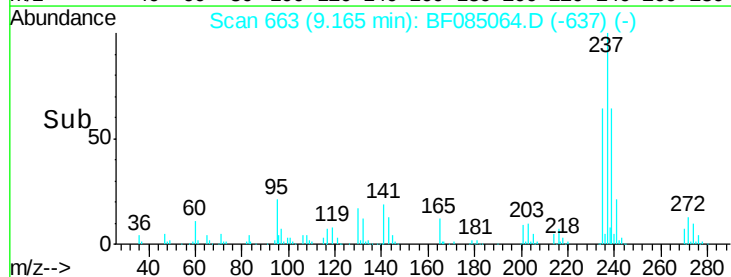
272 12.6 0.0 31.8

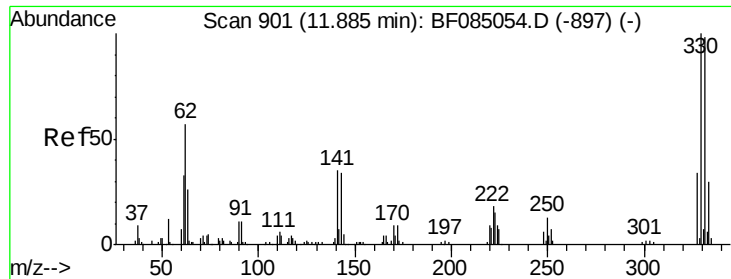


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

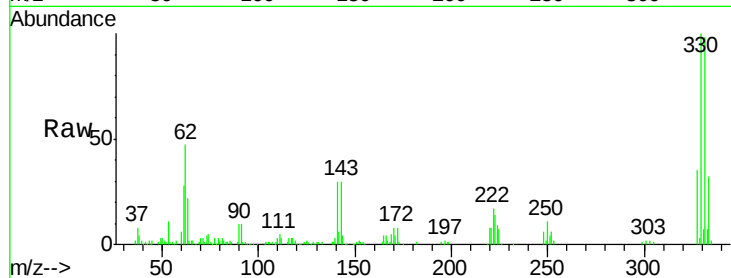




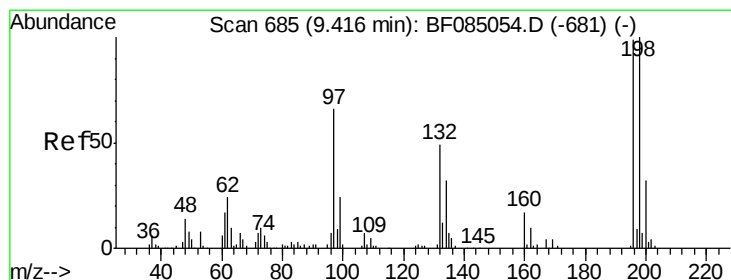
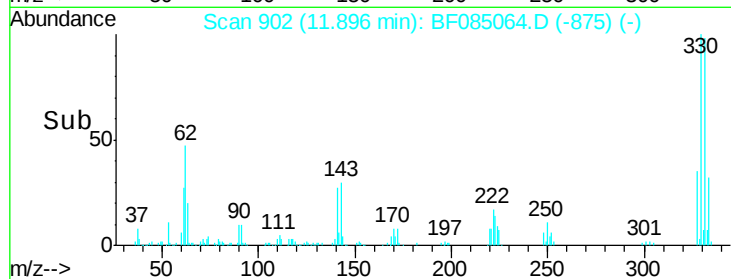
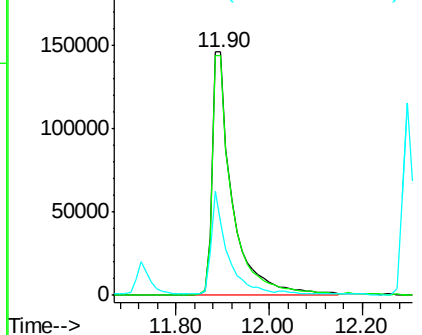
#41
 2,4,6-Tribromophenol
 Concen: 146.16 ng
 RT: 11.90 min Scan# 902
 Delta R.T. 0.01 min
 Lab File: BF085064.D
 Acq: 13 Feb 2016 3:13

Instrument :
 BNA_F
 ClientSampleId :
 S4-B003(10-12)MS

Tgt Ion:330 Resp: 441983
 Ion Ratio Lower Upper
 330 100
 332 97.5 78.5 117.7
 141 35.2 28.6 42.8

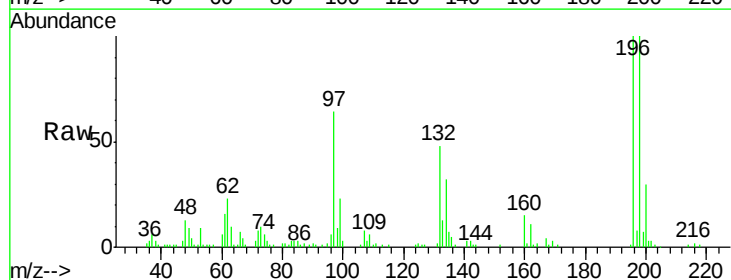


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

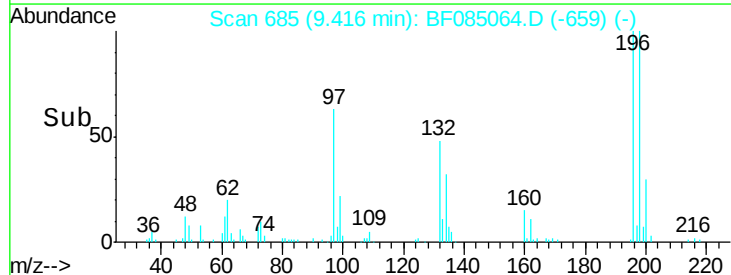
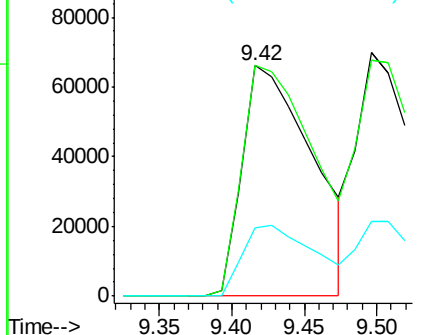


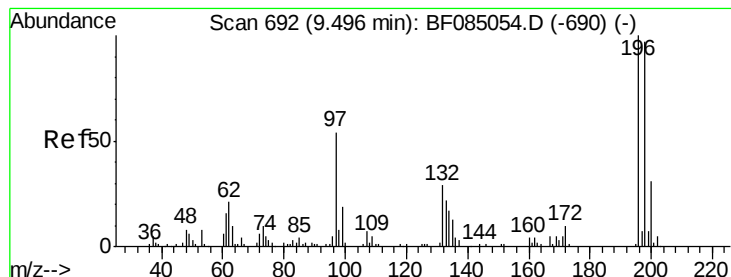
#42
 2,4,6-Trichlorophenol
 Concen: 42.51 ng
 RT: 9.42 min Scan# 685
 Delta R.T. -0.00 min
 Lab File: BF085064.D
 Acq: 13 Feb 2016 3:13

Tgt Ion:196 Resp: 221737
 Ion Ratio Lower Upper
 196 100
 198 100.0 81.0 121.6
 200 29.7 26.3 39.5



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

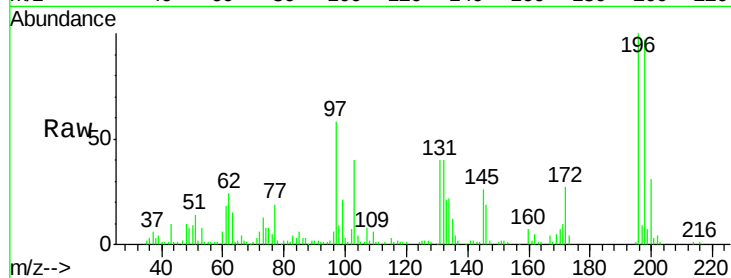




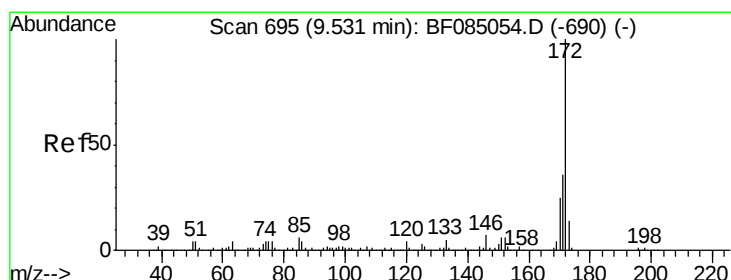
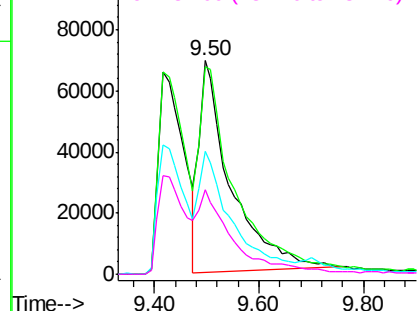
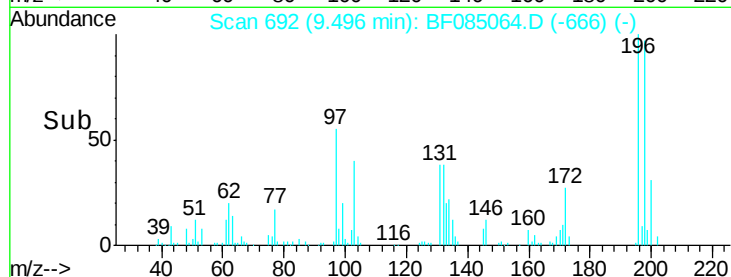
#43
 2,4,5-Trichlorophenol
 Concen: 47.75 ng
 RT: 9.50 min Scan# 692
 Delta R.T. -0.00 min
 Lab File: BF085064.D
 Acq: 13 Feb 2016 3:13

Instrument :
 BNA_F
 ClientSampleId :
 S4-B003(10-12)MS

Tgt Ion:196 Resp: 289785
 Ion Ratio Lower Upper
 196 100
 198 96.9 79.7 119.5
 97 57.7 47.0 70.4
 132 39.5 26.4 39.6

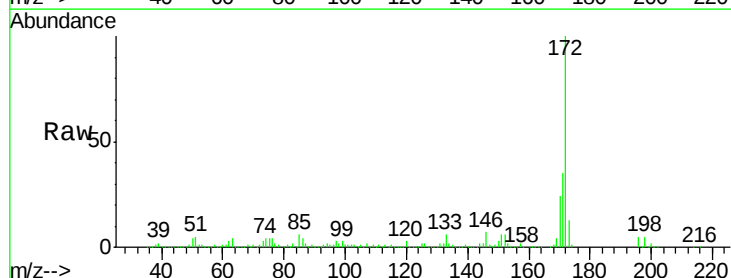


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

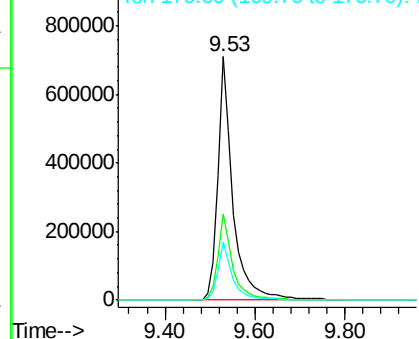
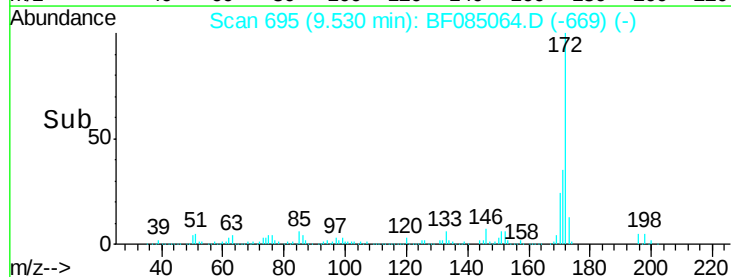


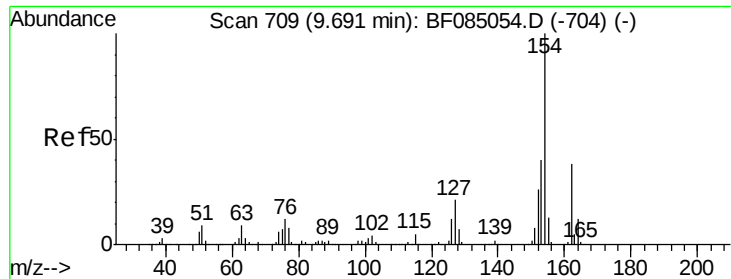
#44
 2-Fluorobiphenyl
 Concen: 80.83 ng
 RT: 9.53 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: BF085064.D
 Acq: 13 Feb 2016 3:13

Tgt Ion:172 Resp: 1655467
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.1 43.7
 170 24.0 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

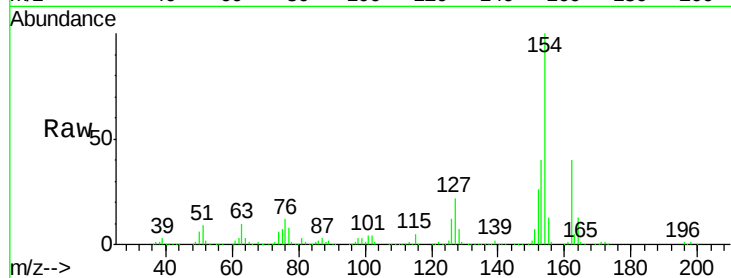




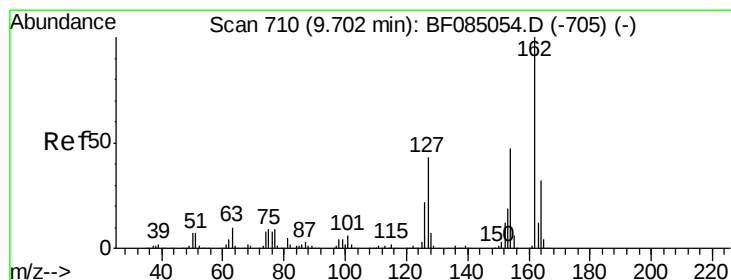
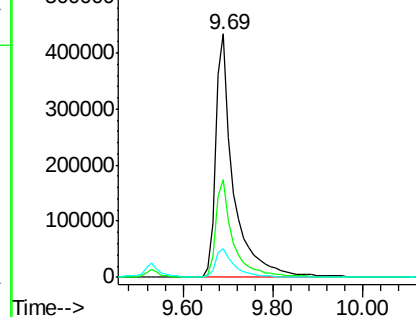
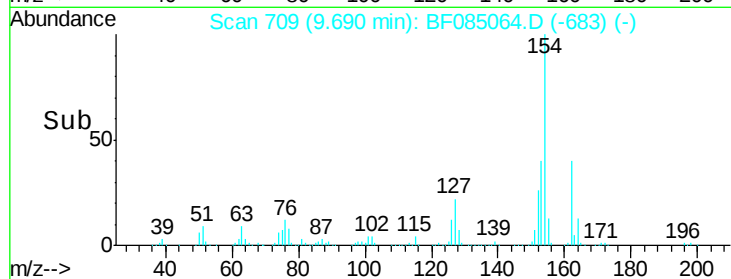
#45
 1,1'-Biphenyl
 Concen: 44.50 ng
 RT: 9.69 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: BF085064.D
 Acq: 13 Feb 2016 3:13

Instrument :
 BNA_F
 ClientSampleId :
 S4-B003(10-12)MS

Tgt Ion:154 Resp: 1184967
 Ion Ratio Lower Upper
 154 100
 153 39.9 19.9 59.9
 76 12.0 0.0 31.6

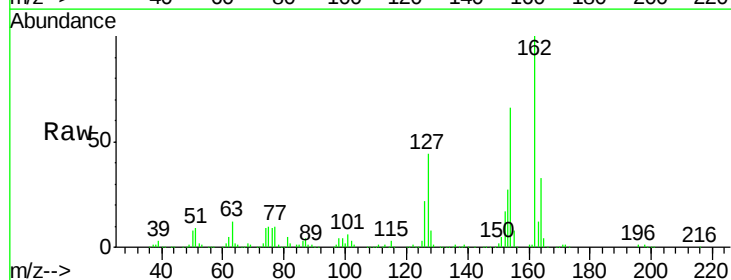


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

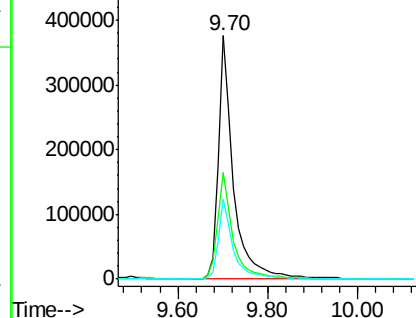
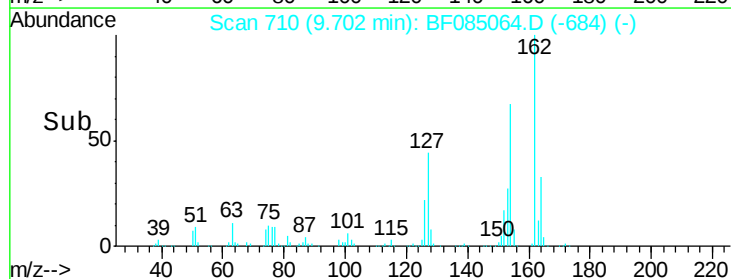


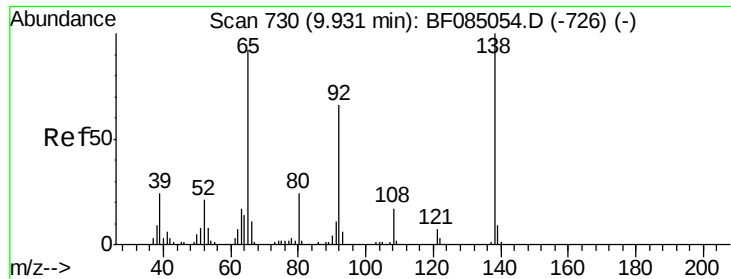
#46
 2-Chloronaphthalene
 Concen: 46.61 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.00 min
 Lab File: BF085064.D
 Acq: 13 Feb 2016 3:13

Tgt Ion:162 Resp: 879493
 Ion Ratio Lower Upper
 162 100
 127 43.7 34.8 52.2
 164 32.7 25.8 38.6



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

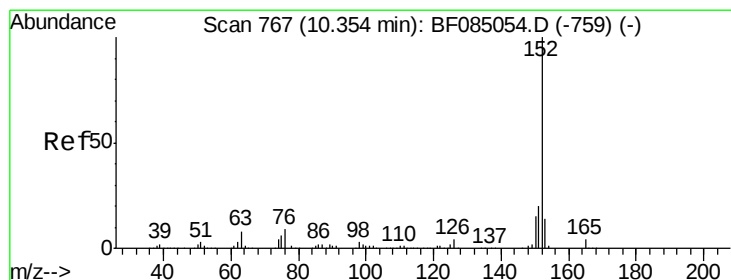
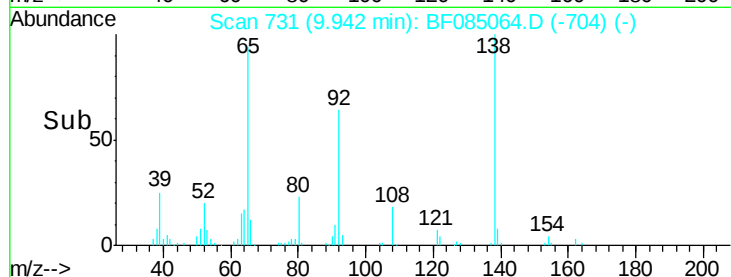
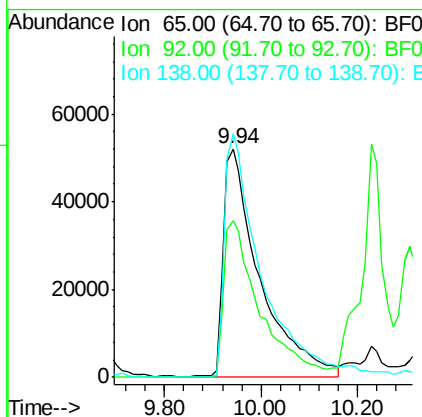
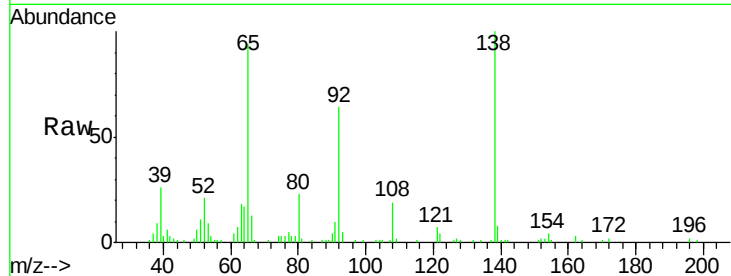




#47
2-Nitroaniline
Concen: 46.62 ng
RT: 9.94 min Scan# 731
Delta R.T. 0.01 min
Lab File: BF085064.D
Acq: 13 Feb 2016 3:13

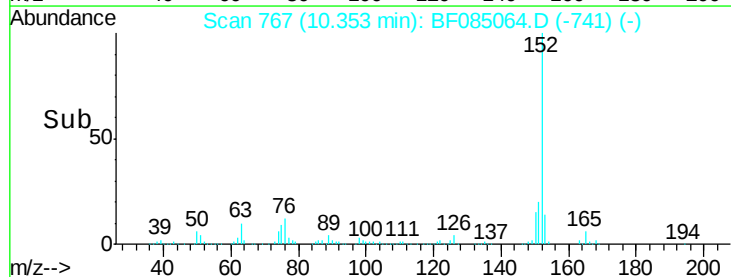
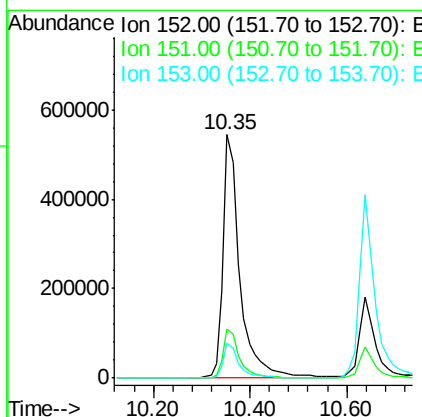
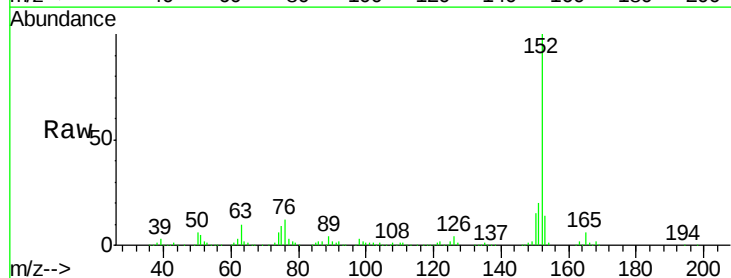
Instrument :
BNA_F
ClientSampleId :
S4-B003(10-12)MS

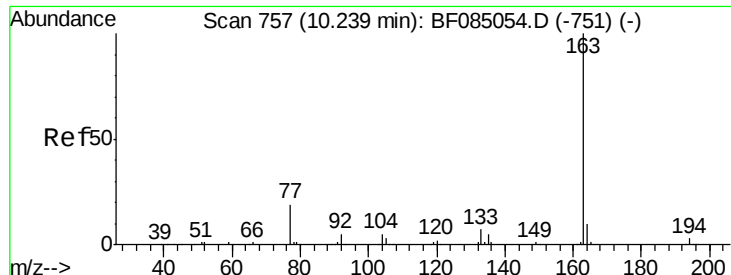
Tgt Ion: 65 Resp: 271604
Ion Ratio Lower Upper
65 100
92 68.4 57.1 85.7
138 106.4 86.8 130.2



#48
Acenaphthylene
Concen: 44.19 ng
RT: 10.35 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF085064.D
Acq: 13 Feb 2016 3:13

Tgt Ion: 152 Resp: 1323840
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 14.3 11.1 16.7

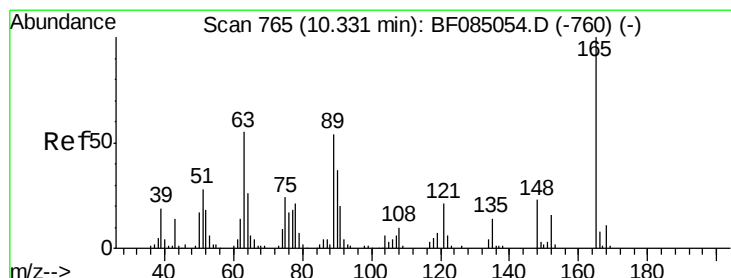
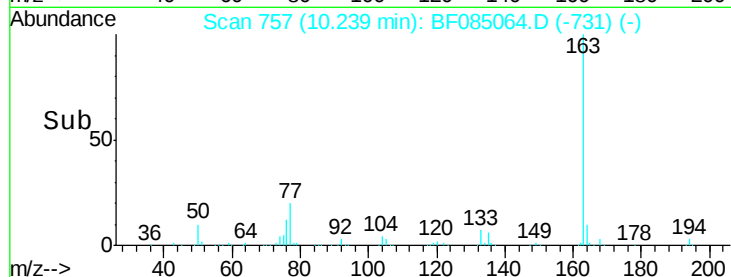
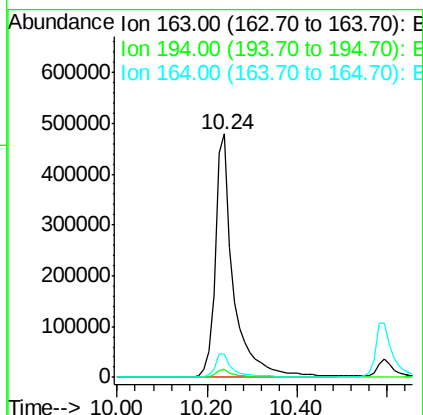
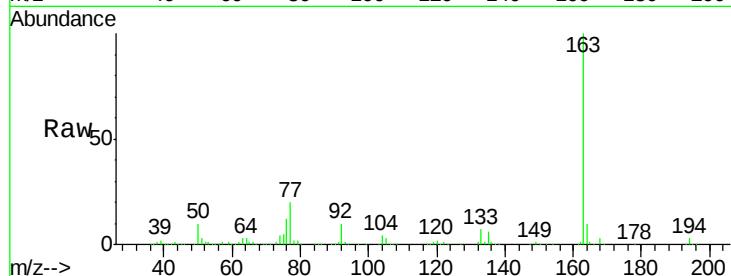




#49
Dimethylphthalate
Concen: 61.07 ng
RT: 10.24 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF085064.D
Acq: 13 Feb 2016 3:13

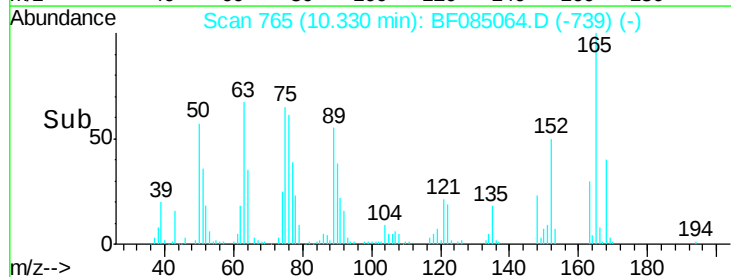
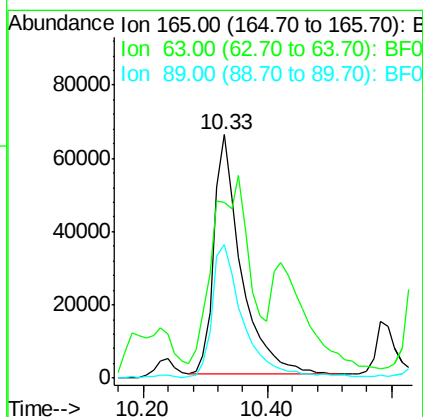
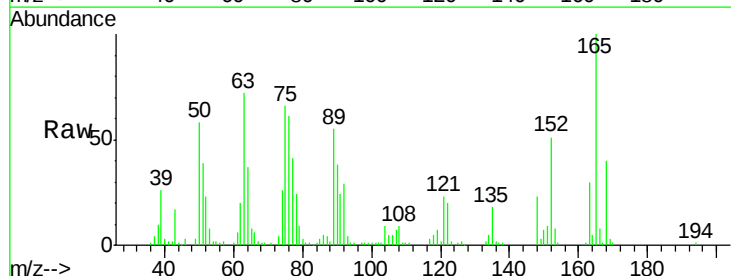
Instrument :
BNA_F
ClientSampleId :
S4-B003(10-12)MS

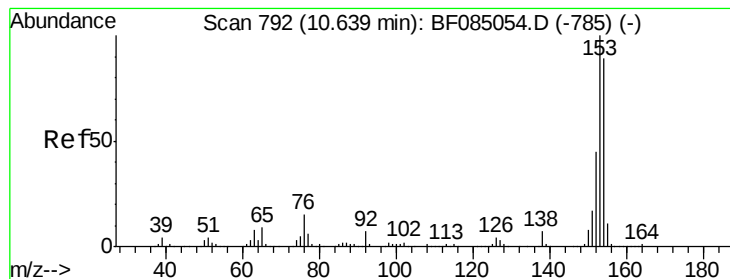
Tgt Ion:163 Resp: 1340544
Ion Ratio Lower Upper
163 100
194 3.2 2.5 3.7
164 9.9 7.8 11.8



#50
2,6-Dinitrotoluene
Concen: 43.95 ng
RT: 10.33 min Scan# 765
Delta R.T. -0.00 min
Lab File: BF085064.D
Acq: 13 Feb 2016 3:13

Tgt Ion:165 Resp: 197938
Ion Ratio Lower Upper
165 100
63 72.0 47.5 71.3#
89 54.9 42.9 64.3





#51

Acenaphthene

Concen: 45.84 ng

RT: 10.64 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

Instrument :

BNA_F

ClientSampleId :

S4-B003(10-12)MS

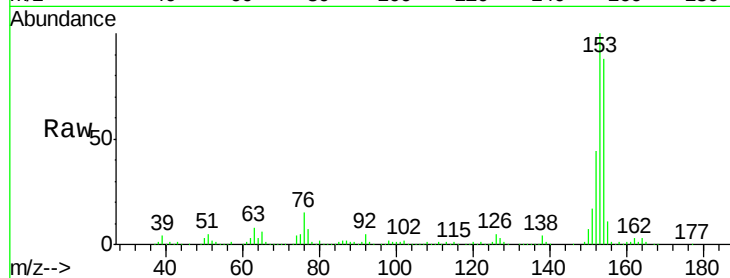
Tgt Ion:154 Resp: 830327

Ion Ratio Lower Upper

154 100

153 113.2 89.5 134.3

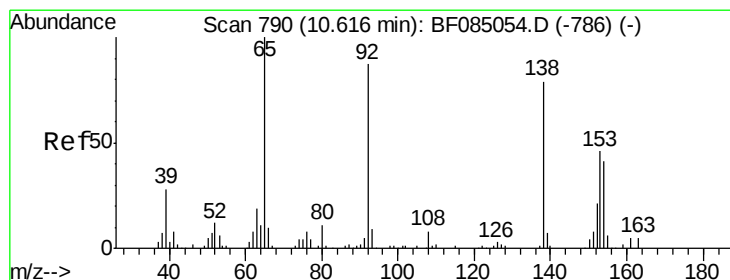
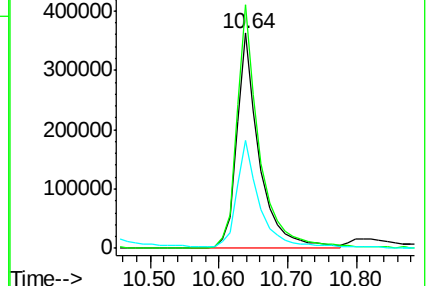
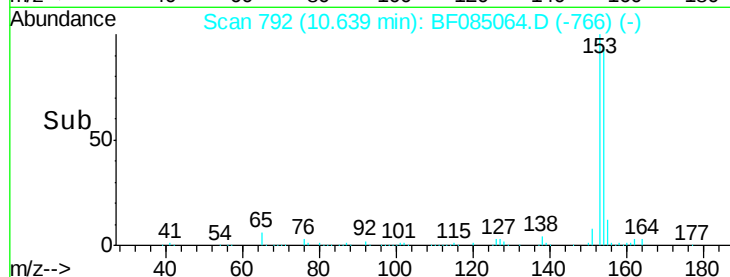
152 50.0 40.7 61.1



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: 25.30 ng

RT: 10.65 min Scan# 793

Delta R.T. 0.03 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

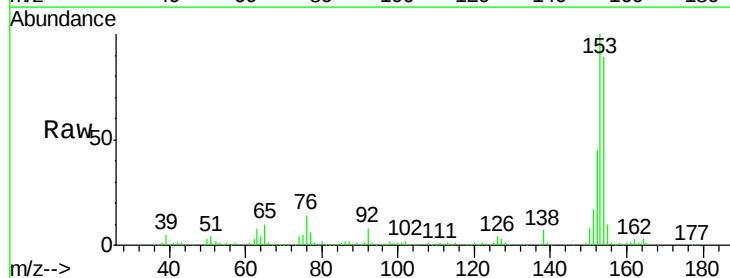
Tgt Ion:138 Resp: 126578

Ion Ratio Lower Upper

138 100

108 11.8 9.1 13.7

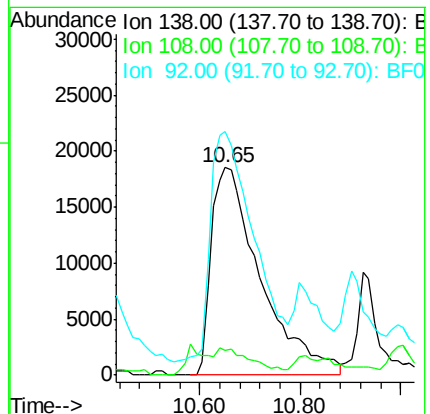
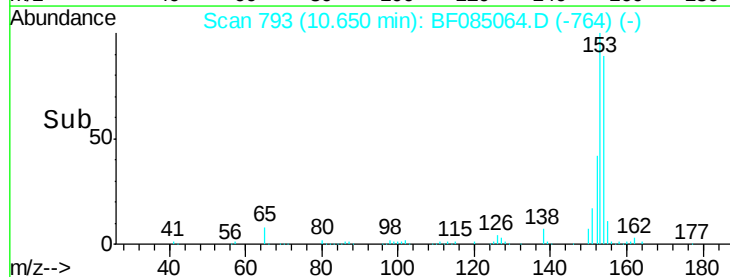
92 117.4 88.9 133.3

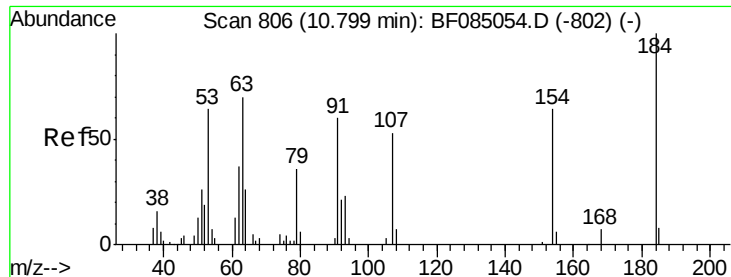


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

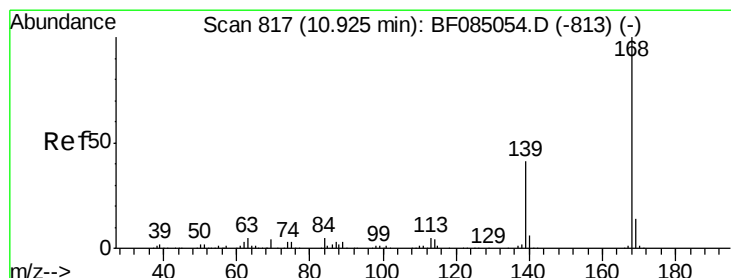
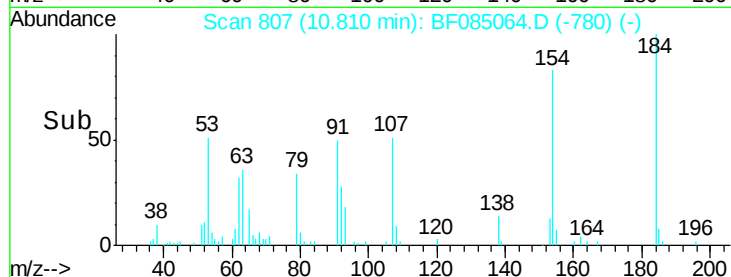
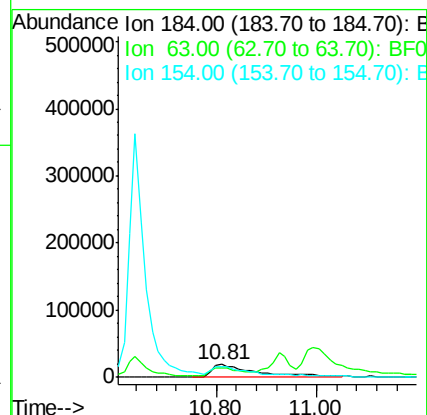
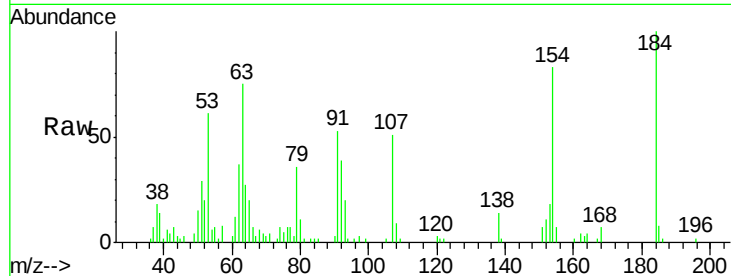




#53
2,4-Dinitrophenol
Concen: 64.62 ng
RT: 10.81 min Scan# 807
Delta R.T. 0.01 min
Lab File: BF085064.D
Acq: 13 Feb 2016 3:13

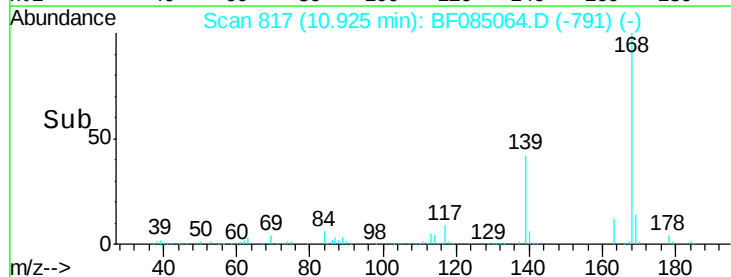
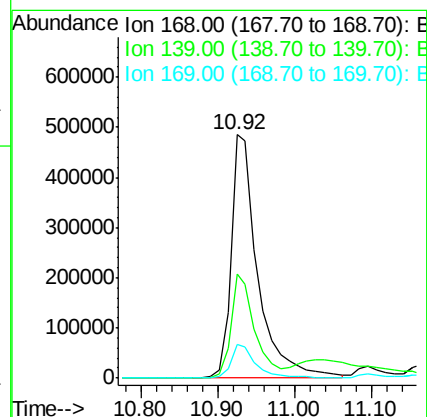
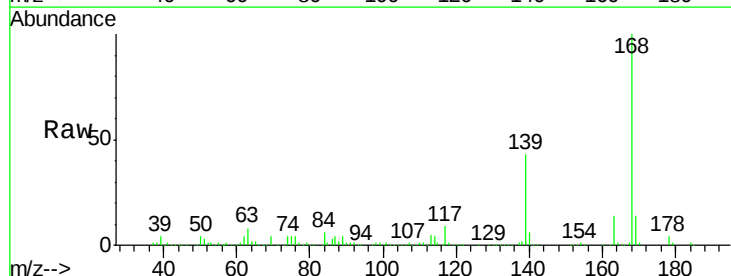
Instrument :
BNA_F
ClientSampleId :
S4-B003(10-12)MS

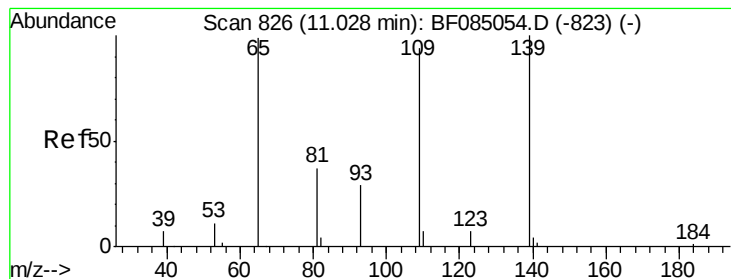
Tgt Ion:184 Resp: 121329
Ion Ratio Lower Upper
184 100
63 75.3 60.6 90.8
154 83.5 70.2 105.2



#54
Dibenzofuran
Concen: 48.81 ng
RT: 10.92 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF085064.D
Acq: 13 Feb 2016 3:13

Tgt Ion:168 Resp: 1182803
Ion Ratio Lower Upper
168 100
139 42.9 33.0 49.4
169 14.1 10.9 16.3





#55

4-Nitrophenol

Concen: 80.11 ng

RT: 11.03 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

Instrument :

BNA_F

ClientSampleId :

S4-B003(10-12)MS

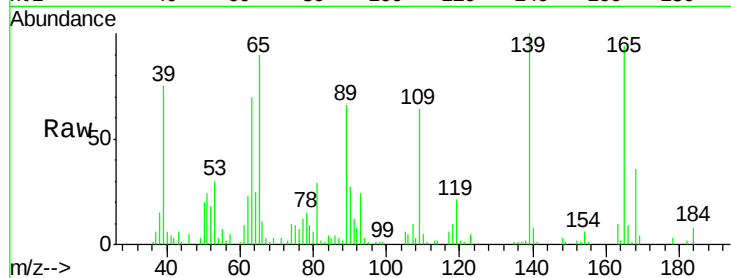
Tgt Ion:139 Resp: 257146

Ion Ratio Lower Upper

139 100

109 63.8 48.7 88.7

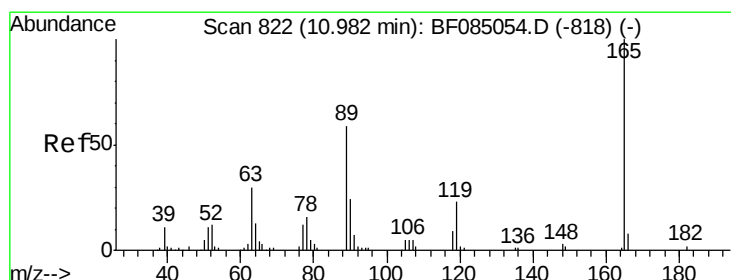
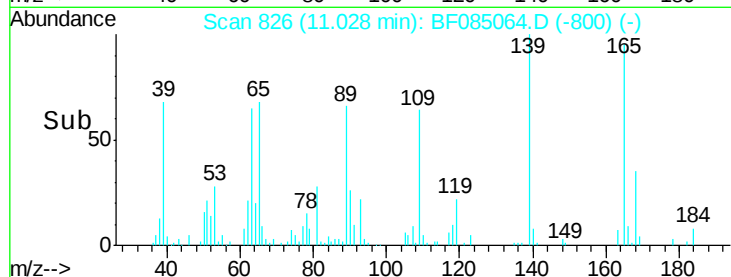
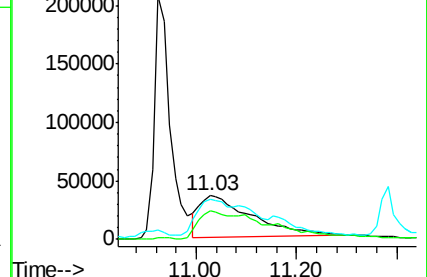
65 90.3 78.8 118.8



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



#56

2,4-Dinitrotoluene

Concen: 47.68 ng

RT: 10.99 min Scan# 823

Delta R.T. 0.01 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

Tgt Ion:165 Resp: 292507

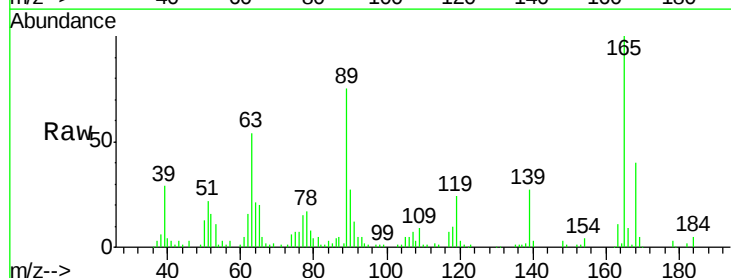
Ion Ratio Lower Upper

165 100

63 54.3 36.6 55.0

89 75.4 54.4 81.6

182 2.1 1.6 2.4

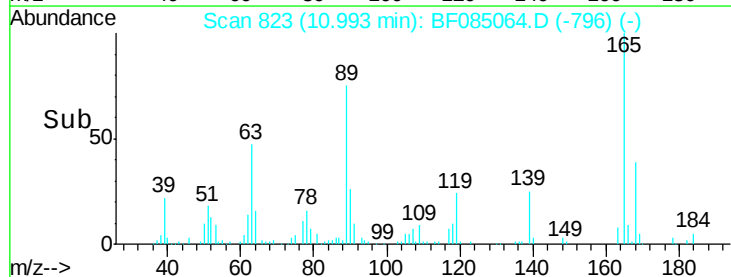
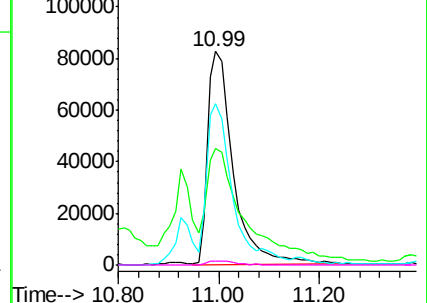


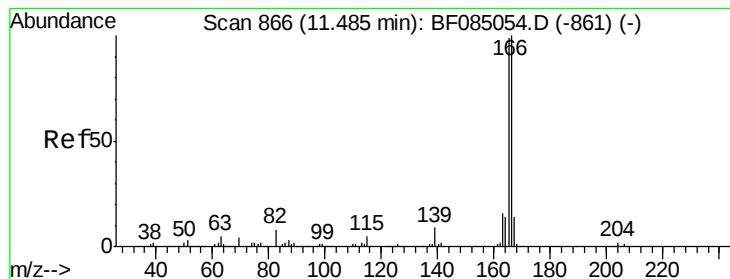
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 45.28 ng

RT: 11.48 min Scan# 866

Delta R.T. -0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

Instrument :

BNA_F

ClientSampleId :

S4-B003(10-12)MS

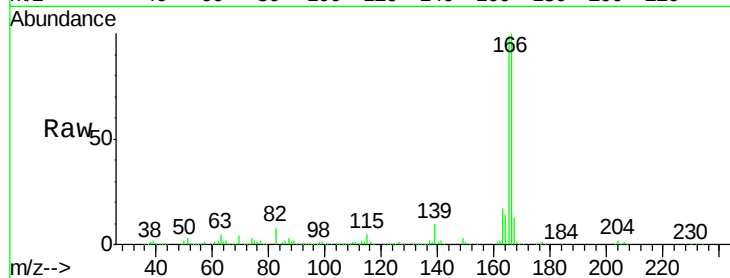
Tgt Ion:166 Resp: 941013

Ion Ratio Lower Upper

166 100

165 98.9 78.9 118.3

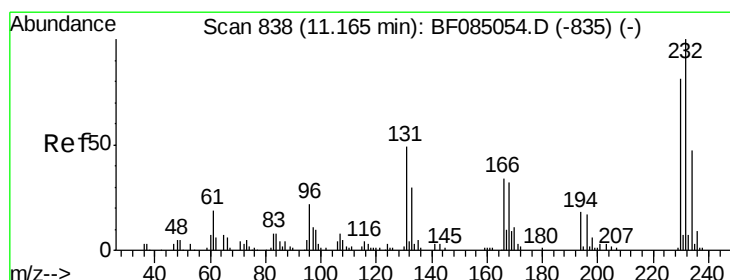
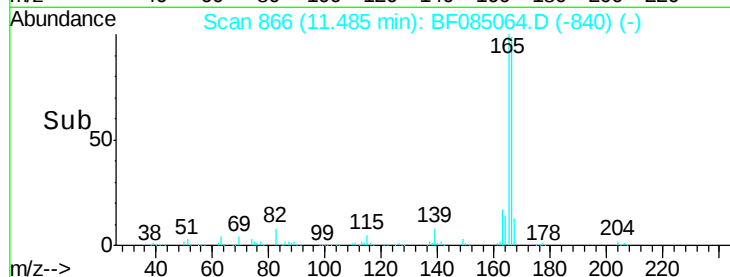
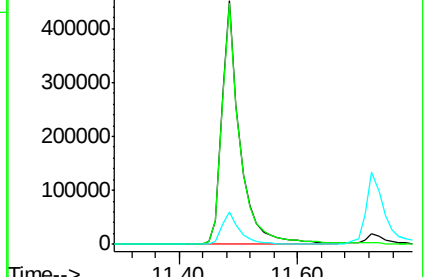
167 13.5 10.9 16.3



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: 53.94 ng

RT: 11.16 min Scan# 838

Delta R.T. -0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

Tgt Ion:232 Resp: 258924

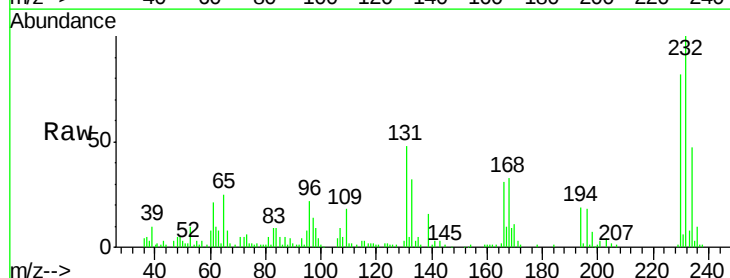
Ion Ratio Lower Upper

232 100

131 45.8 39.7 59.5

130 2.2 1.8 2.8

166 29.4 24.2 36.2

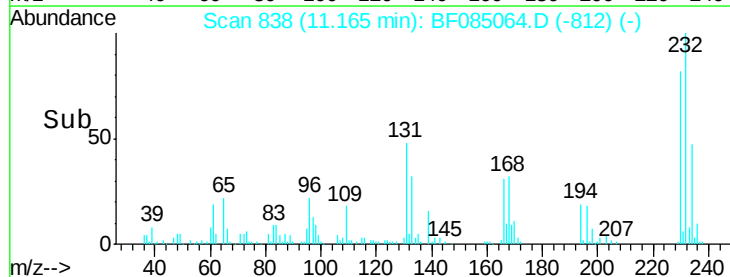
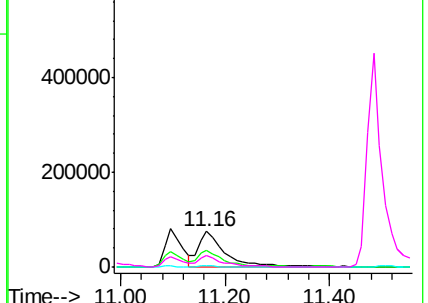


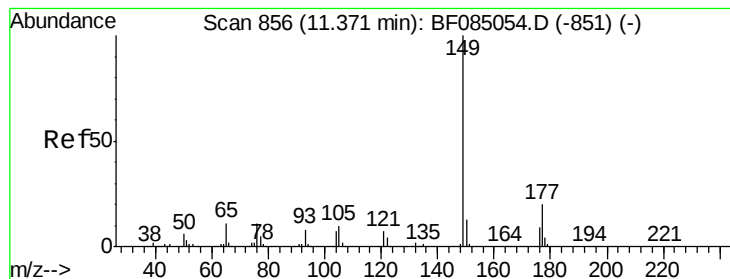
Abundance Ion 232.00 (231.70 to 232.70): E

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: 45.71 ng

RT: 11.38 min Scan# 857

Delta R.T. 0.01 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

Instrument :

BNA_F

ClientSampleId :

S4-B003(10-12)MS

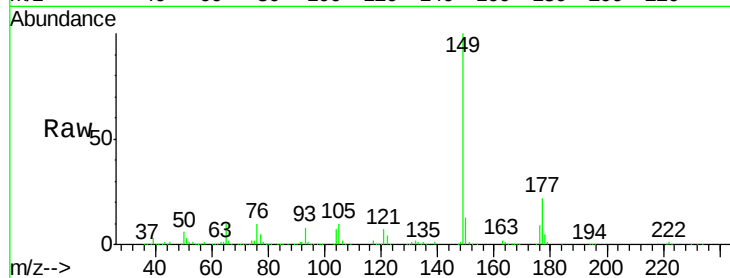
Tgt Ion:149 Resp: 994376

Ion Ratio Lower Upper

149 100

177 22.3 16.4 24.6

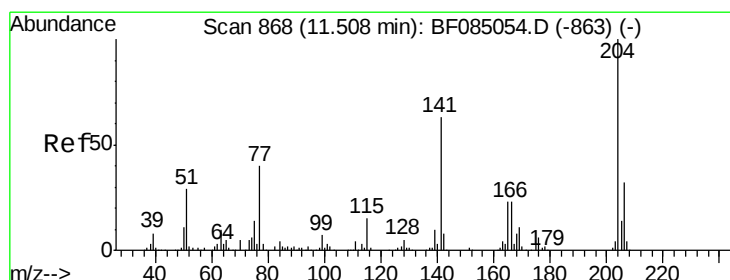
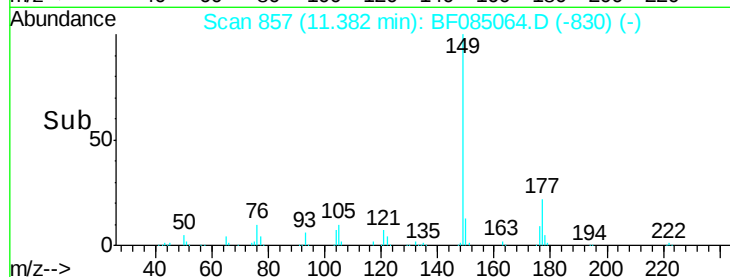
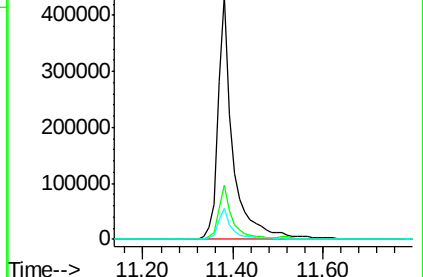
150 12.8 10.2 15.4



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: 44.49 ng

RT: 11.51 min Scan# 868

Delta R.T. -0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

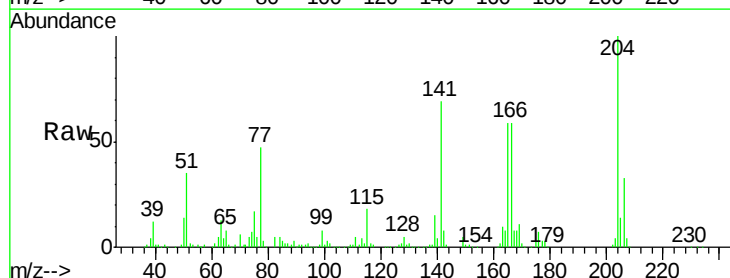
Tgt Ion:204 Resp: 442993

Ion Ratio Lower Upper

204 100

206 33.3 25.8 38.6

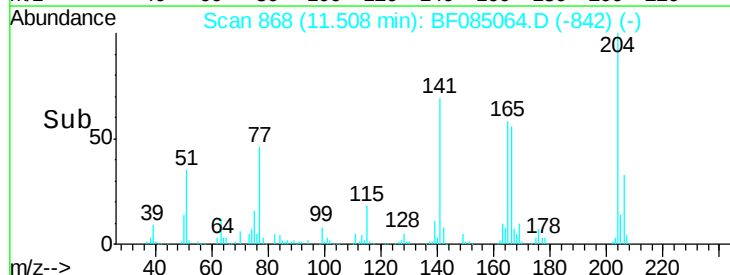
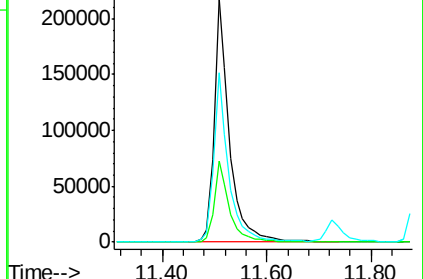
141 69.4 50.5 75.7

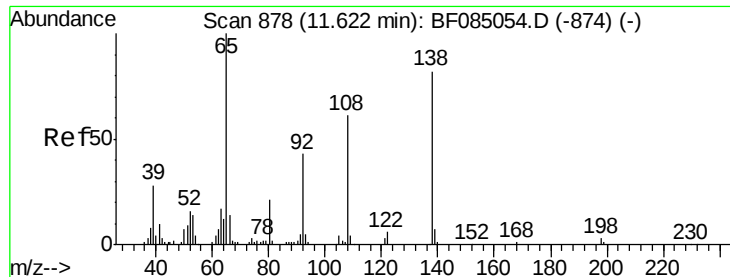


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

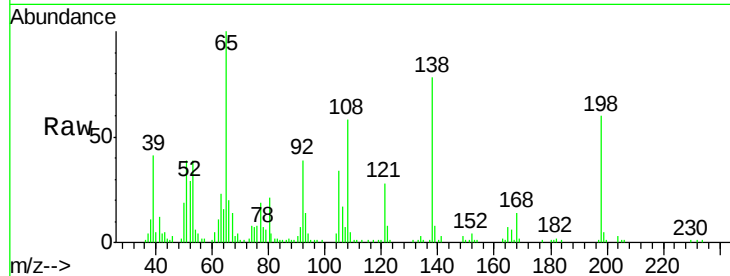




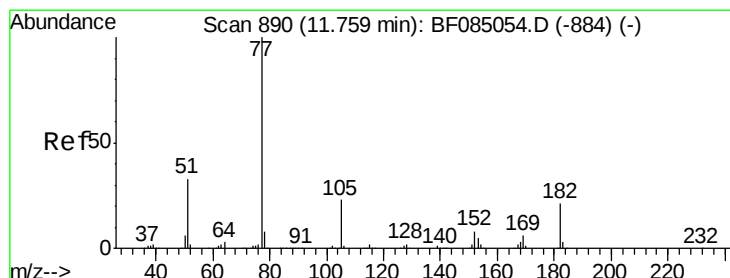
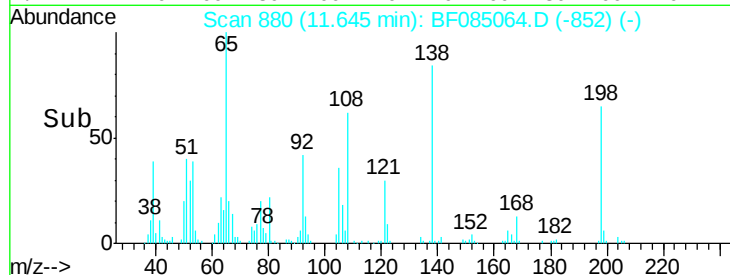
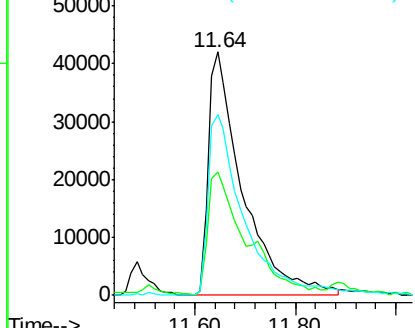
#61
4-Nitroaniline
Concen: 43.21 ng
RT: 11.64 min Scan# 880
Delta R.T. 0.02 min
Lab File: BF085064.D
Acq: 13 Feb 2016 3:13

Instrument :
BNA_F
ClientSampleId :
S4-B003(10-12)MS

Tgt Ion:138 Resp: 198665
Ion Ratio Lower Upper
138 100
92 50.6 32.6 72.6
108 74.0 54.6 94.6

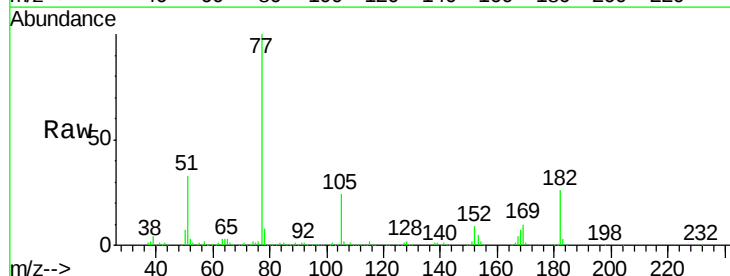


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

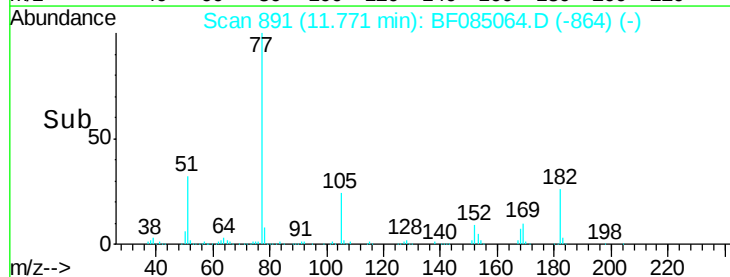
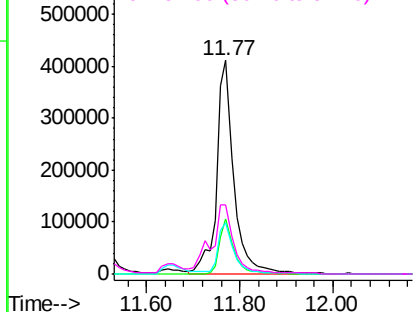


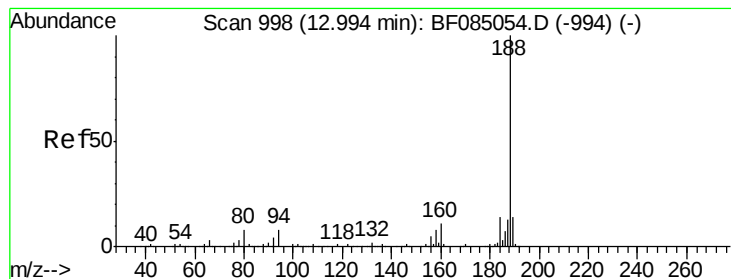
#62
Azobenzene
Concen: 48.74 ng
RT: 11.77 min Scan# 891
Delta R.T. 0.01 min
Lab File: BF085064.D
Acq: 13 Feb 2016 3:13

Tgt Ion: 77 Resp: 1021465
Ion Ratio Lower Upper
77 100
182 25.8 1.3 41.3
105 24.0 4.2 44.2
51 32.6 13.5 53.5



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: 12.99 min Scan# 998

Delta R.T. -0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

Instrument :

BNA_F

ClientSampleId :

S4-B003(10-12)MS

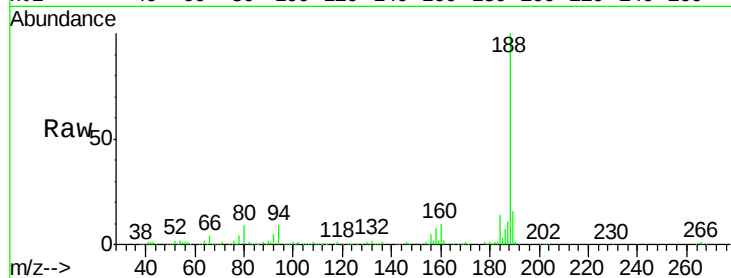
Tgt Ion:188 Resp: 524862

Ion Ratio Lower Upper

188 100

94 9.1 6.2 9.2

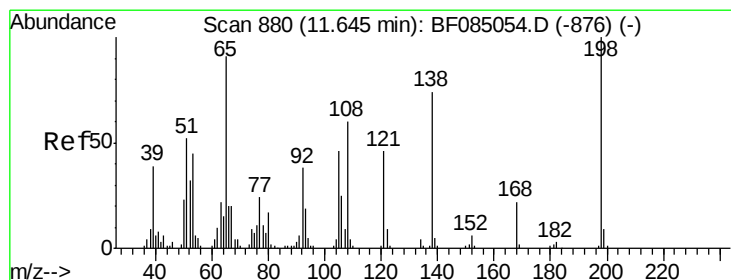
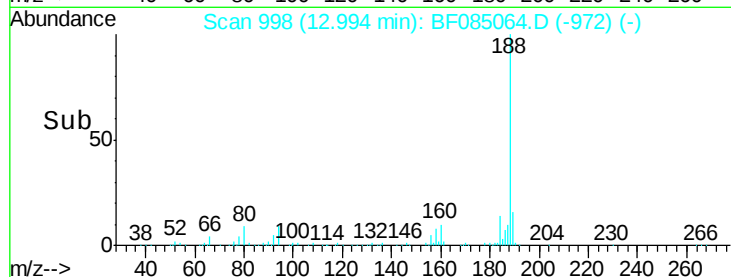
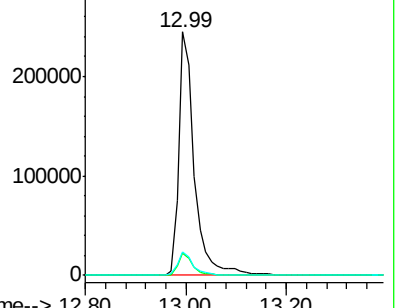
80 9.4 6.6 9.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 42.48 ng

RT: 11.64 min Scan# 880

Delta R.T. -0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

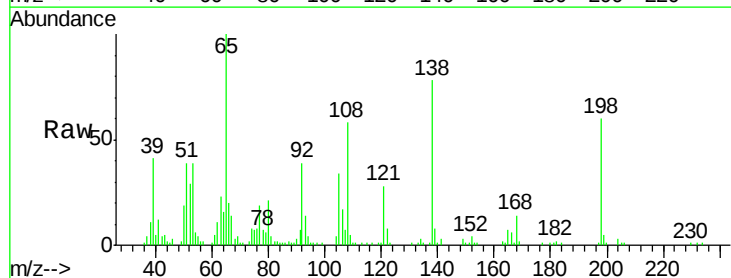
Tgt Ion:198 Resp: 126594

Ion Ratio Lower Upper

198 100

51 63.7 34.5 74.5

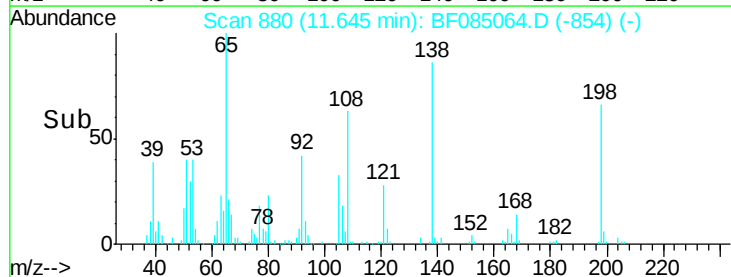
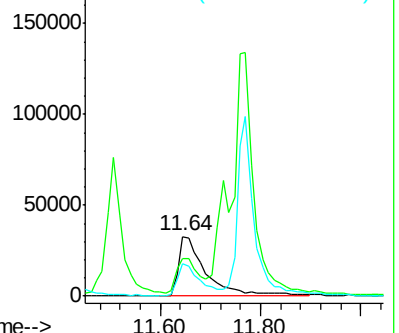
105 55.4 26.2 66.2

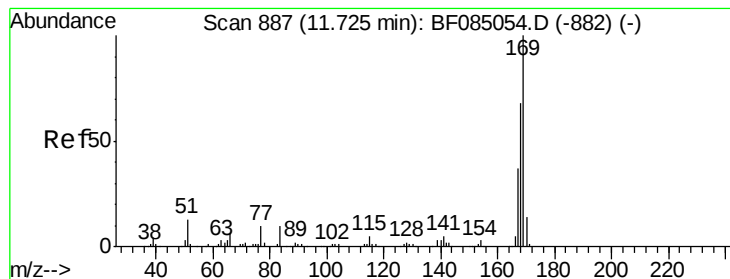


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 47.45 ng

RT: 11.72 min Scan# 887

Delta R.T. -0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

Instrument :

BNA_F

ClientSampleId :

S4-B003(10-12)MS

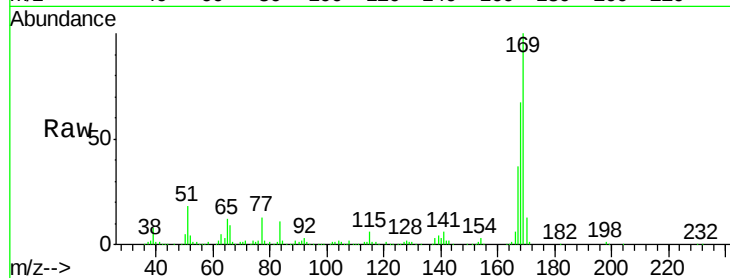
Tgt Ion:169 Resp: 790834

Ion Ratio Lower Upper

169 100

168 66.9 54.8 82.2

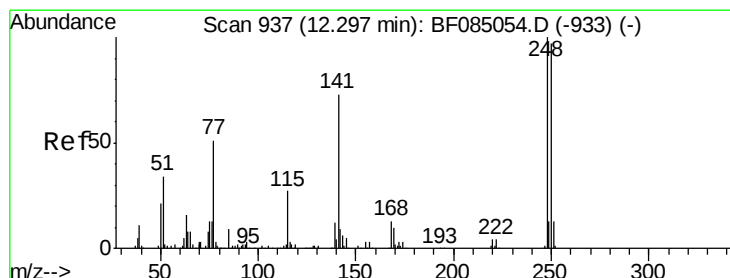
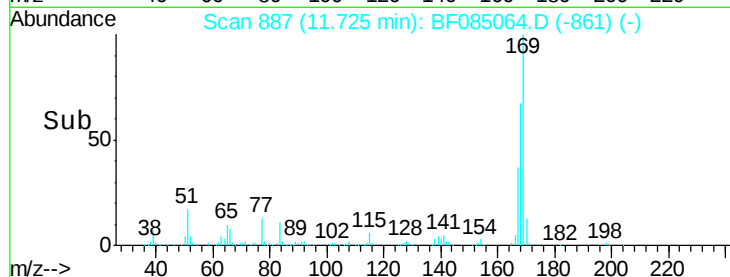
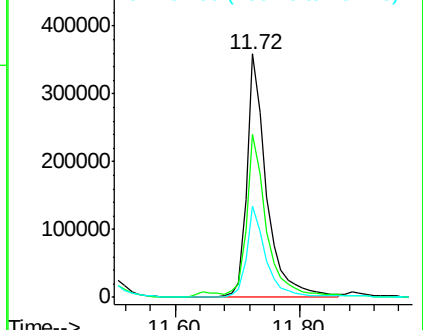
167 37.4 29.8 44.8



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: 46.05 ng

RT: 12.30 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

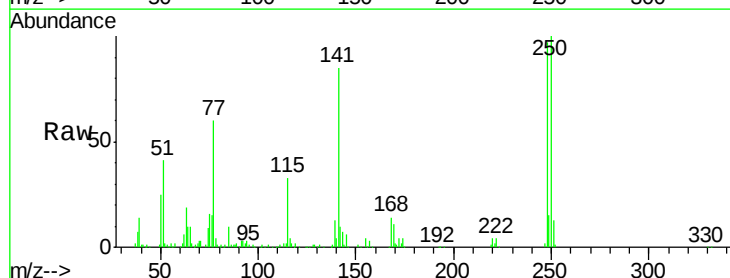
Tgt Ion:248 Resp: 269240

Ion Ratio Lower Upper

248 100

250 103.2 77.5 116.3

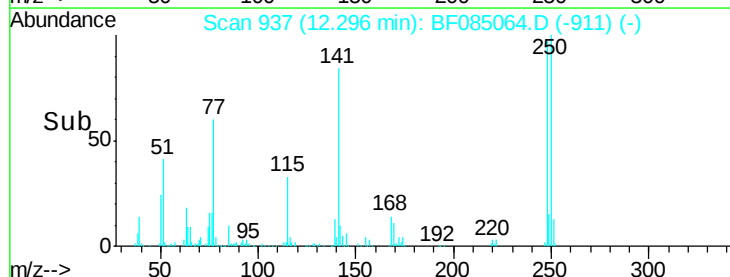
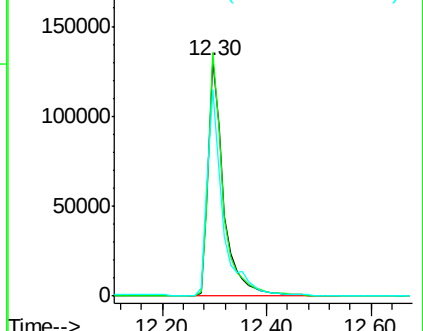
141 87.8 58.2 87.4#

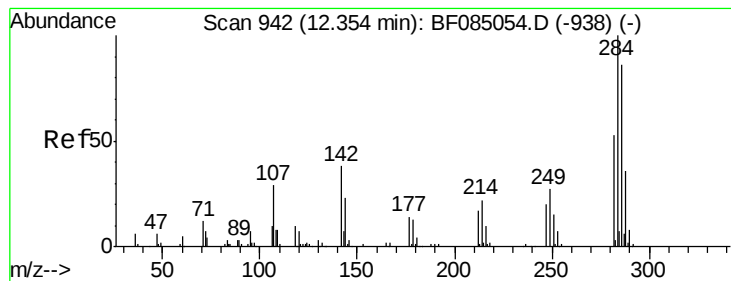


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 46.11 ng

RT: 12.35 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

Instrument :

BNA_F

ClientSampleId :

S4-B003(10-12)MS

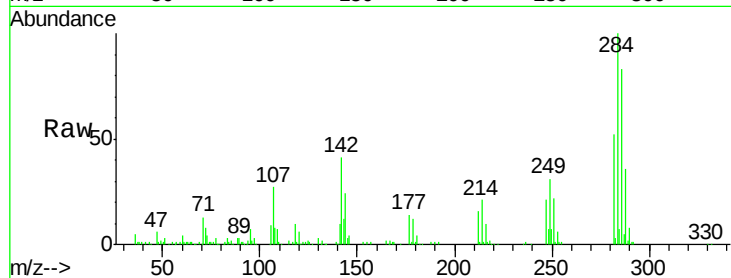
Tgt Ion:284 Resp: 288205

Ion Ratio Lower Upper

284 100

142 40.8 33.5 50.3

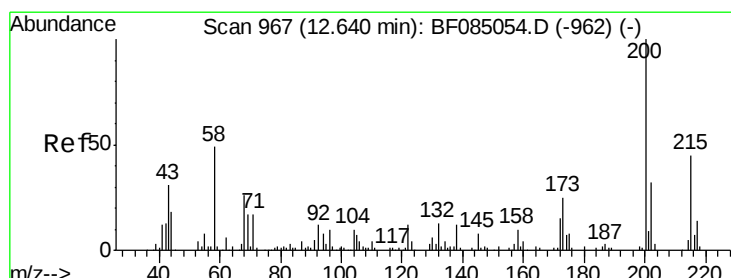
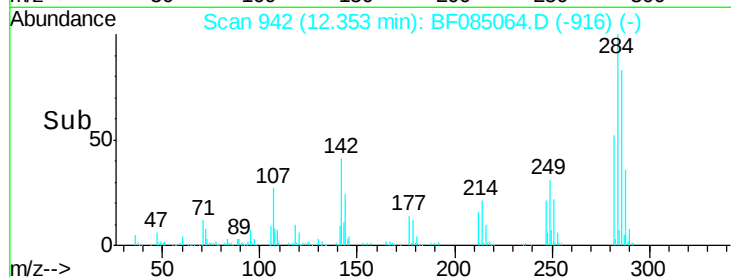
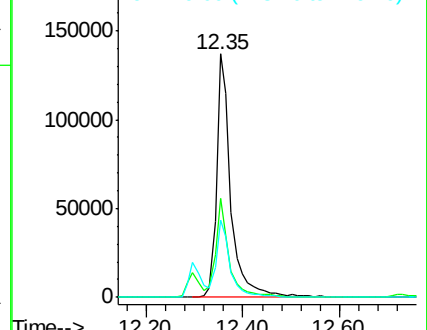
249 31.5 27.4 41.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 43.99 ng

RT: 12.64 min Scan# 967

Delta R.T. -0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

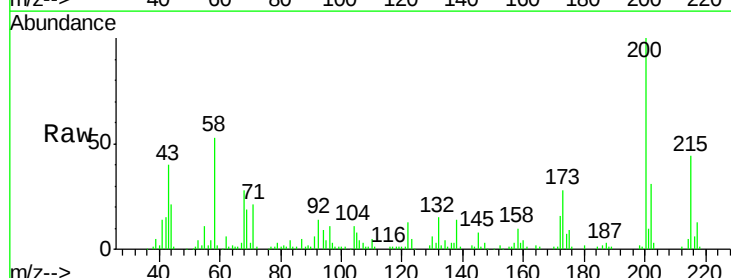
Tgt Ion:200 Resp: 212472

Ion Ratio Lower Upper

200 100

173 27.7 4.7 44.7

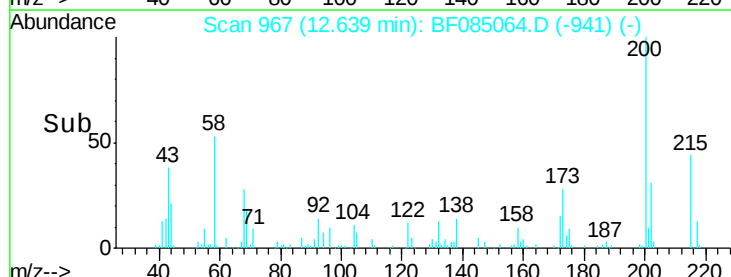
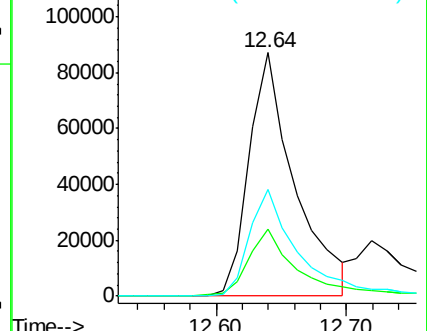
215 43.9 24.8 64.8

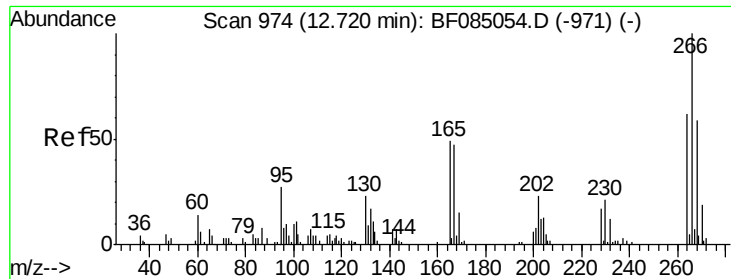


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

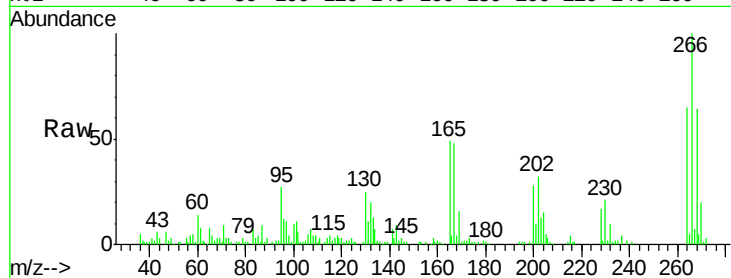




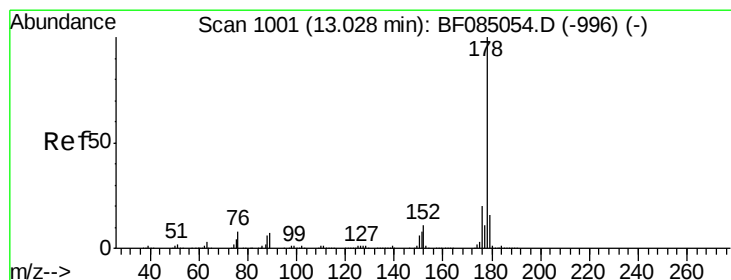
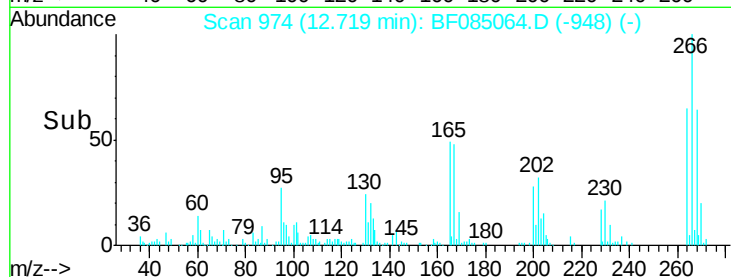
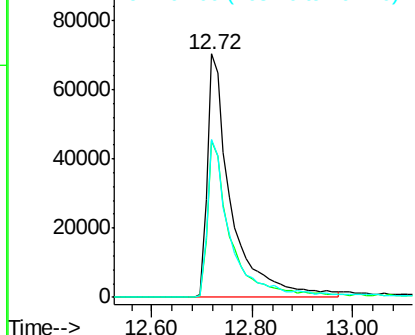
#69
 Pentachlorophenol
 Concen: 85.06 ng
 RT: 12.72 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: BF085064.D
 Acq: 13 Feb 2016 3:13

Instrument :
 BNA_F
 ClientSampleId :
 S4-B003(10-12)MS

Tgt Ion:266 Resp: 231123
 Ion Ratio Lower Upper
 266 100
 268 64.2 47.3 70.9
 264 64.7 49.8 74.6

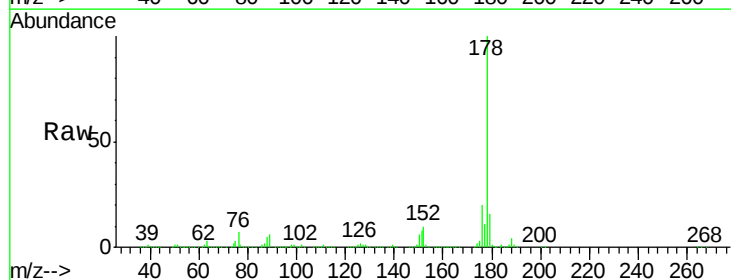


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

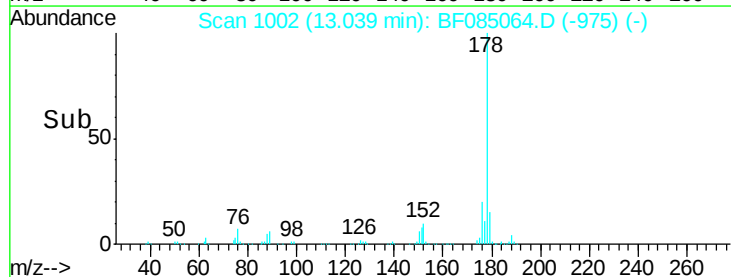
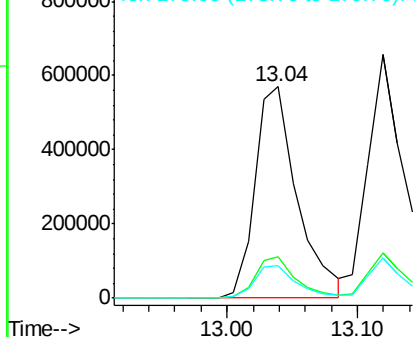


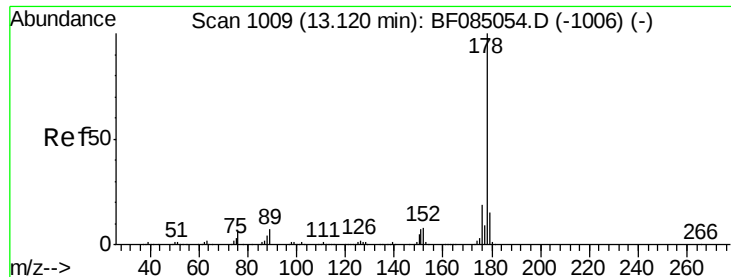
#70
 Phenanthrene
 Concen: 44.52 ng
 RT: 13.04 min Scan# 1002
 Delta R.T. 0.01 min
 Lab File: BF085064.D
 Acq: 13 Feb 2016 3:13

Tgt Ion:178 Resp: 1288495
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.9 23.9
 179 15.5 13.1 19.7



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





#71

Anthracene

Concen: 48.17 ng

RT: 13.12 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

Instrument :

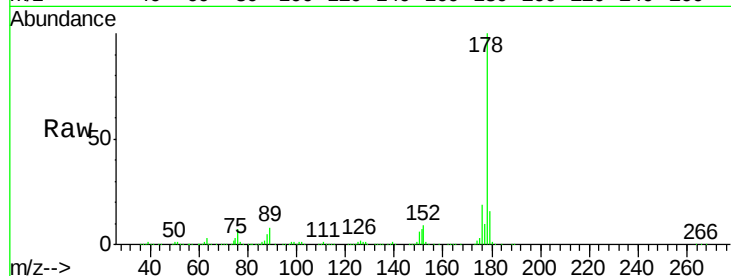
BNA_F

ClientSampleId :

S4-B003(10-12)MS

Tgt Ion:178 Resp: 1456666

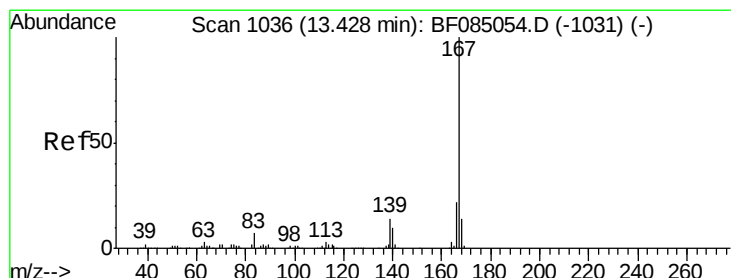
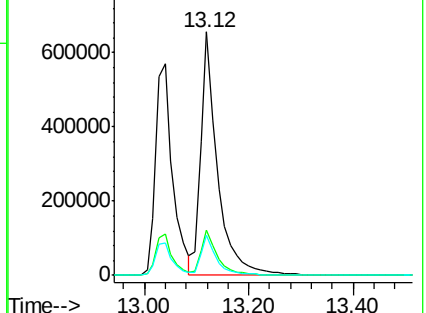
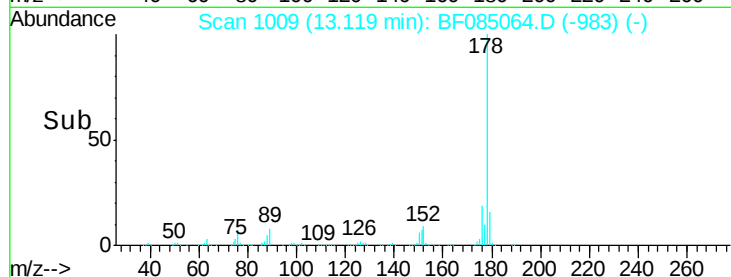
Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.8	22.2
179	16.4	12.2	18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 48.79 ng

RT: 13.43 min Scan# 1036

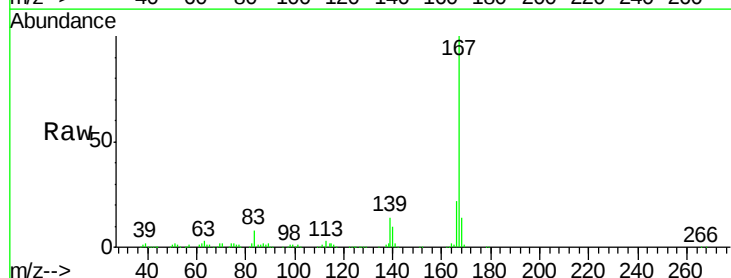
Delta R.T. -0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

Tgt Ion:167 Resp: 1221675

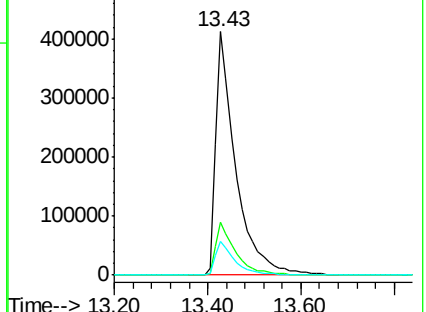
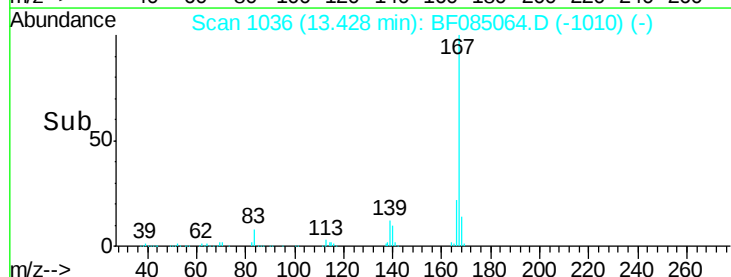
Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.0
139	13.6	11.0	16.6

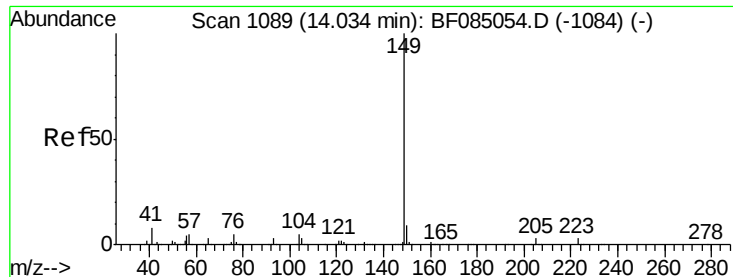


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.92 ng

RT: 14.03 min Scan# 1089

Delta R.T. -0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

Instrument :

BNA_F

ClientSampleId :

S4-B003(10-12)MS

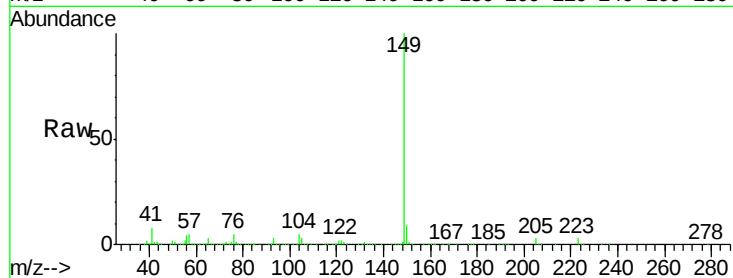
Tgt Ion:149 Resp: 1476559

Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

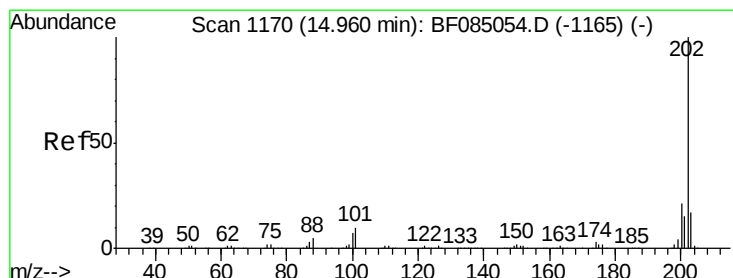
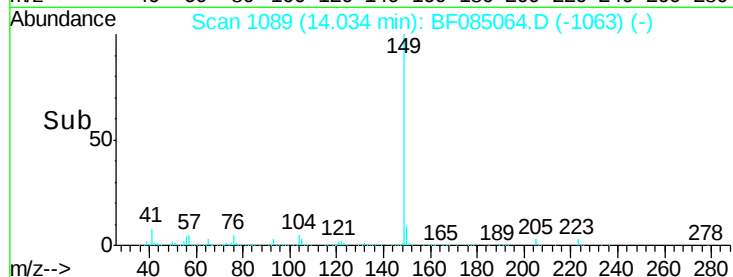
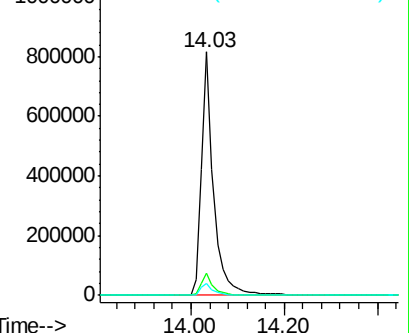
104 5.1 4.2 6.2



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: 45.65 ng

RT: 14.96 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

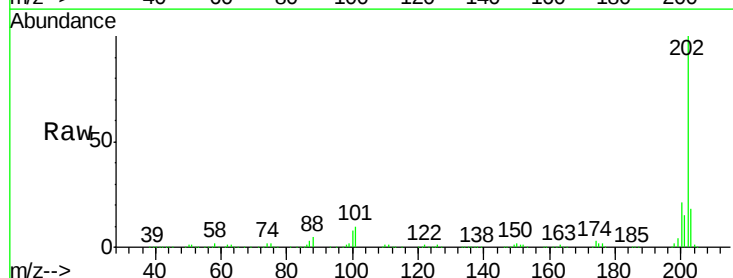
Tgt Ion:202 Resp: 1316181

Ion Ratio Lower Upper

202 100

101 10.1 0.0 29.8

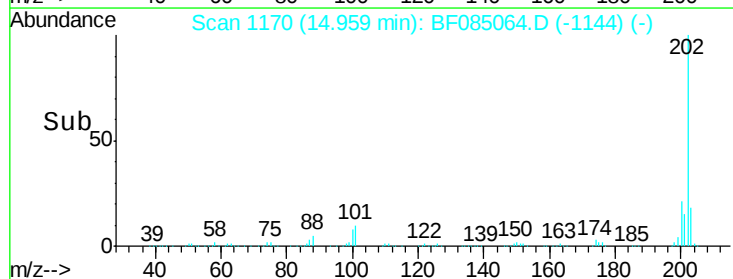
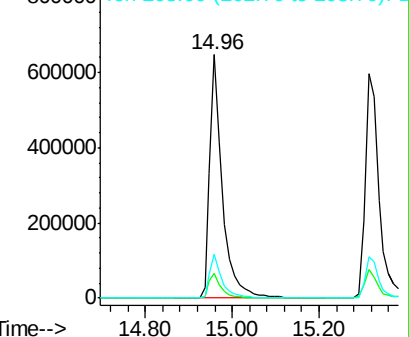
203 17.8 0.0 37.5

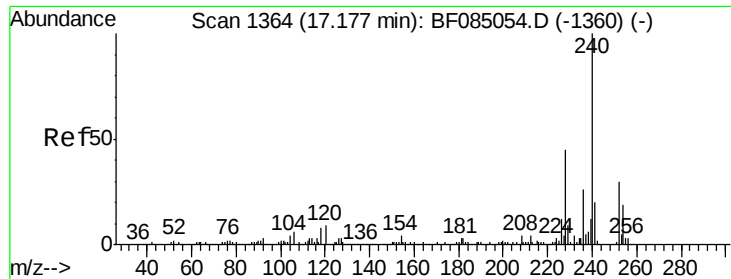


Abundance Ion 202.00 (201.70 to 202.70): E

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: 17.18 min Scan# 1364

Delta R.T. -0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

Instrument :

BNA_F

ClientSampleId :

S4-B003(10-12)MS

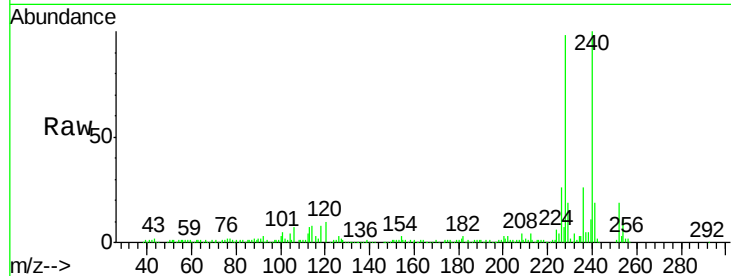
Tgt Ion:240 Resp: 356826

Ion Ratio Lower Upper

240 100

120 9.7 7.0 10.6

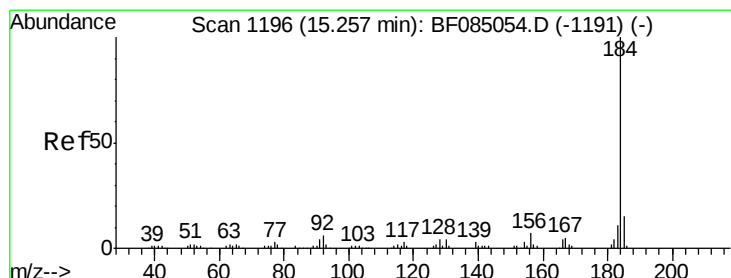
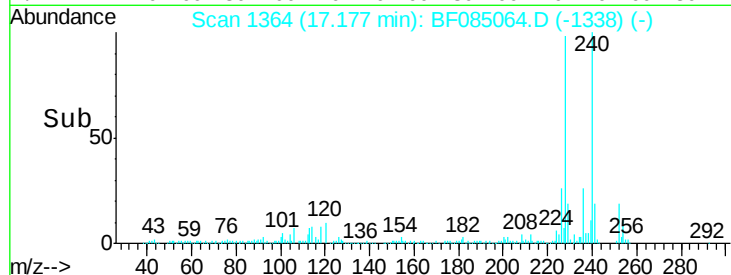
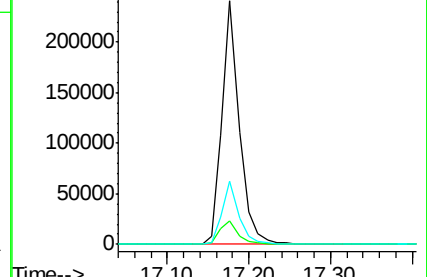
236 25.8 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 28.31 ng

RT: 15.27 min Scan# 1197

Delta R.T. 0.01 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

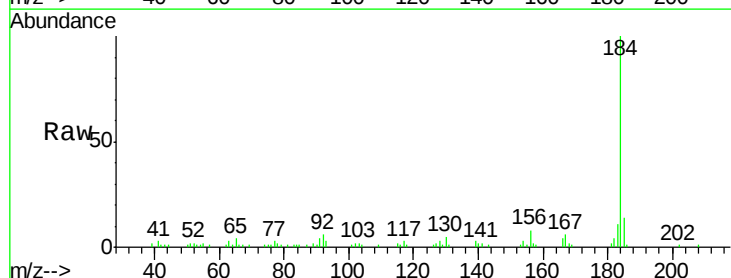
Tgt Ion:184 Resp: 215380

Ion Ratio Lower Upper

184 100

185 14.4 11.8 17.8

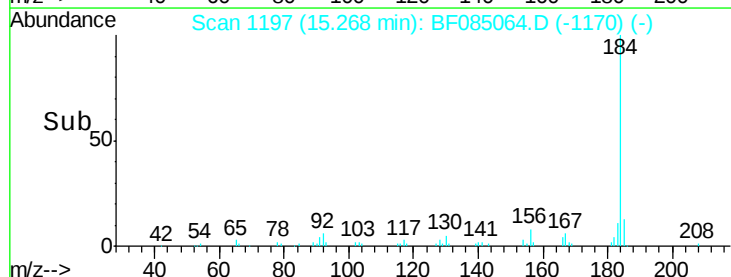
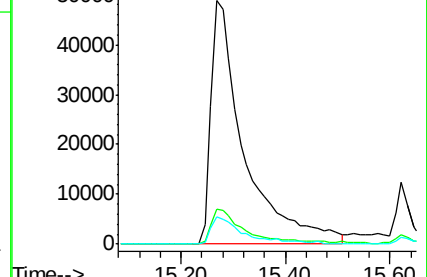
183 11.2 8.6 12.8

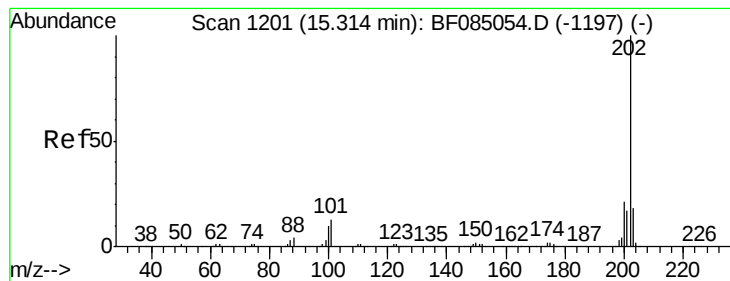


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 46.13 ng

RT: 15.31 min Scan# 1201

Delta R.T. -0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

Instrument :

BNA_F

ClientSampleId :

S4-B003(10-12)MS

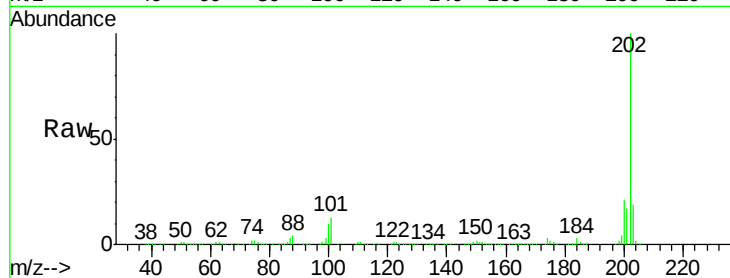
Tgt Ion:202 Resp: 1316586

Ion Ratio Lower Upper

202 100

200 20.8 17.0 25.4

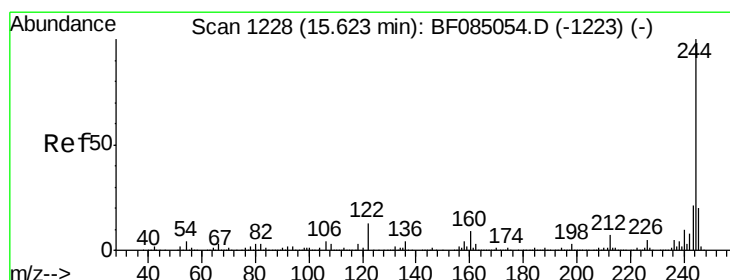
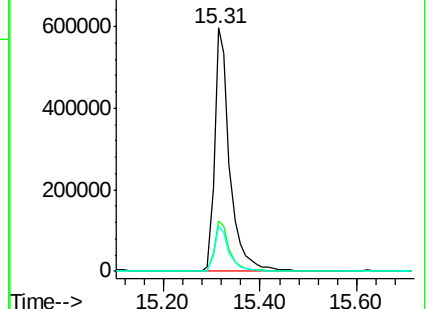
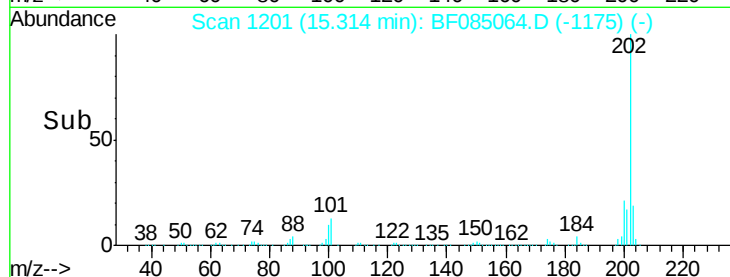
203 18.5 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 72.44 ng

RT: 15.62 min Scan# 1228

Delta R.T. -0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

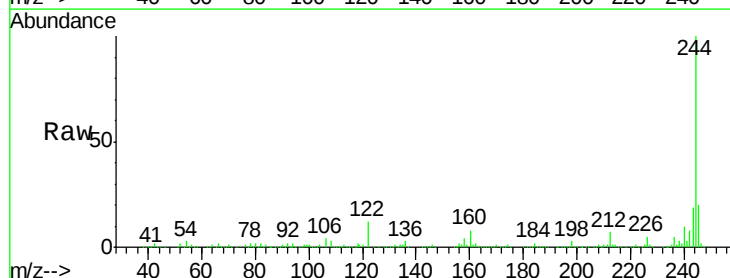
Tgt Ion:244 Resp: 1255853

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

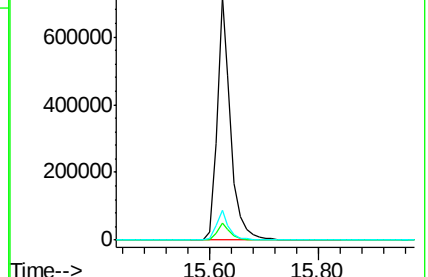
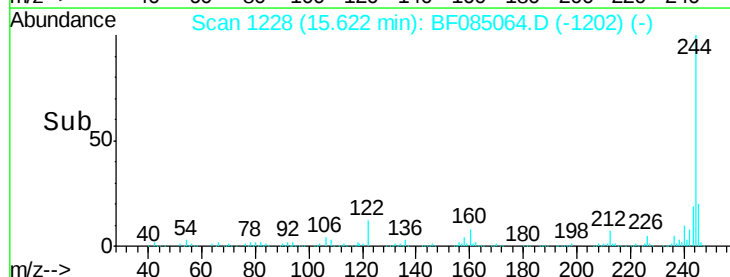
122 12.1 10.1 15.1

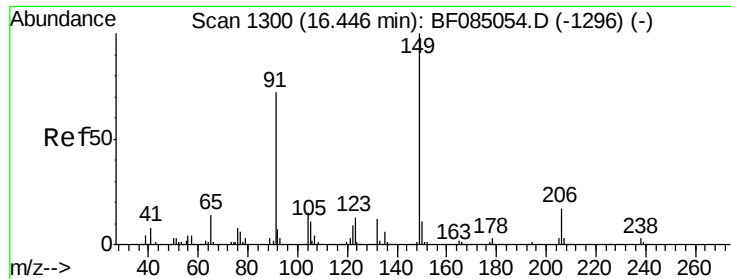


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 46.39 ng

RT: 16.45 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

Instrument :

BNA_F

ClientSampleId :

S4-B003(10-12)MS

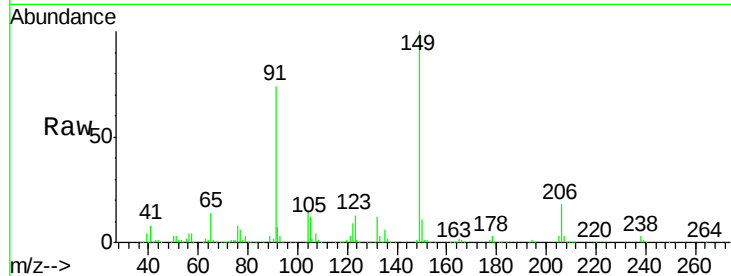
Tgt Ion:149 Resp: 556822

Ion Ratio Lower Upper

149 100

91 74.2 57.8 86.8

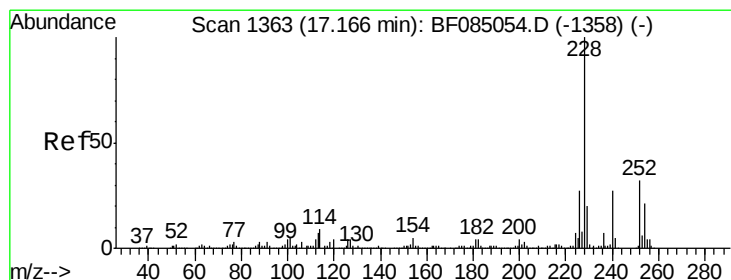
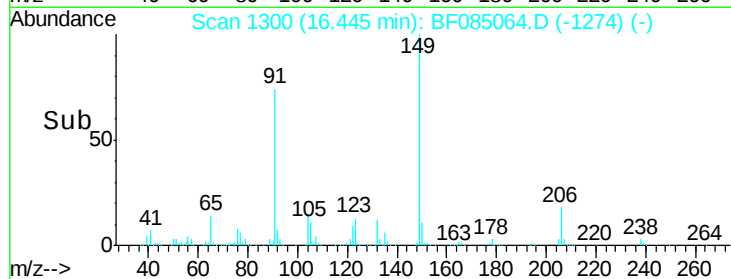
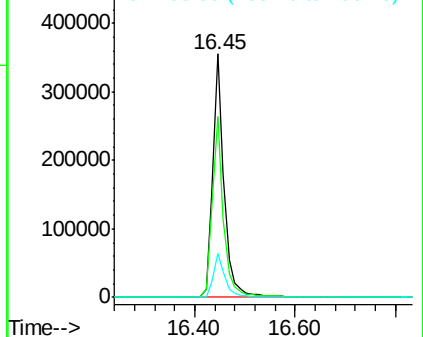
206 18.2 13.8 20.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 45.14 ng

RT: 17.17 min Scan# 1363

Delta R.T. -0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

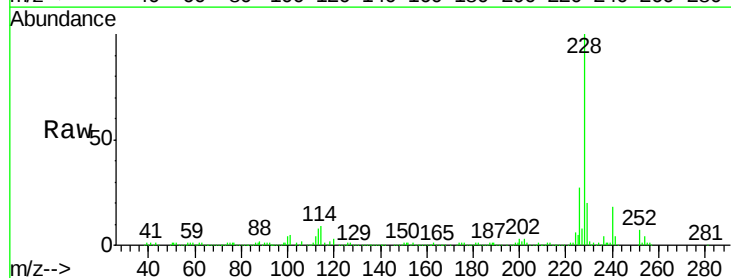
Tgt Ion:228 Resp: 932600

Ion Ratio Lower Upper

228 100

226 26.7 21.8 32.6

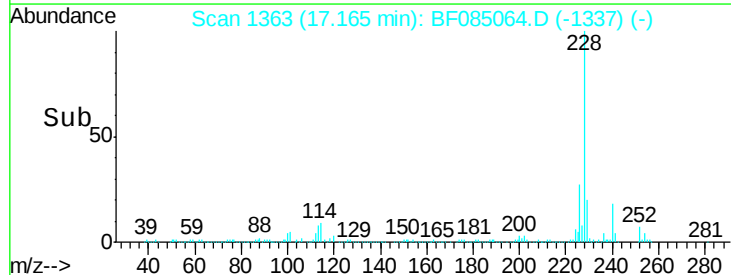
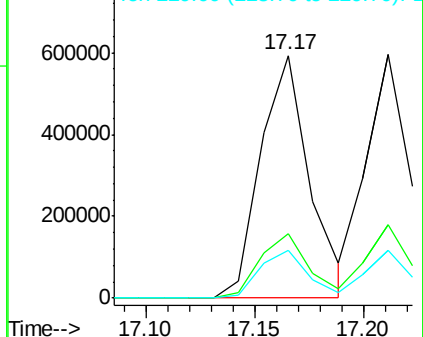
229 19.8 15.8 23.8

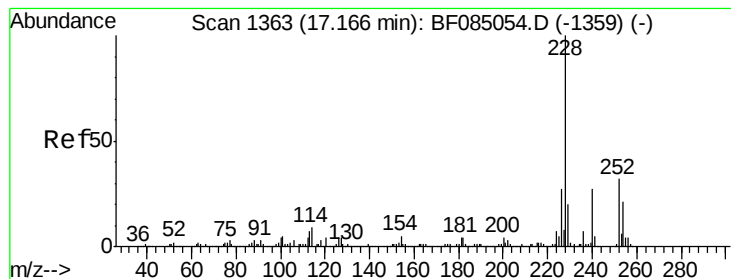


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 16.93 ng

RT: 17.18 min Scan# 1364

Delta R.T. 0.01 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

Instrument :

BNA_F

ClientSampleId :

S4-B003(10-12)MS

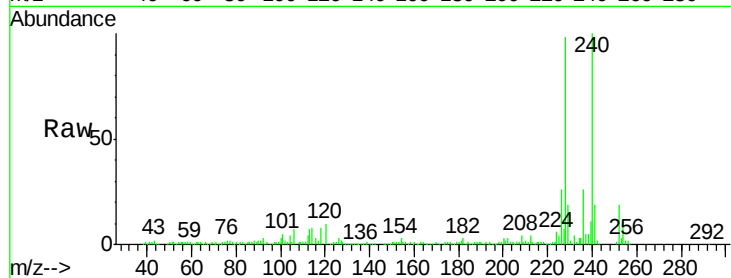
Tgt Ion:252 Resp: 101644

Ion Ratio Lower Upper

252 100

254 60.6 52.9 79.3

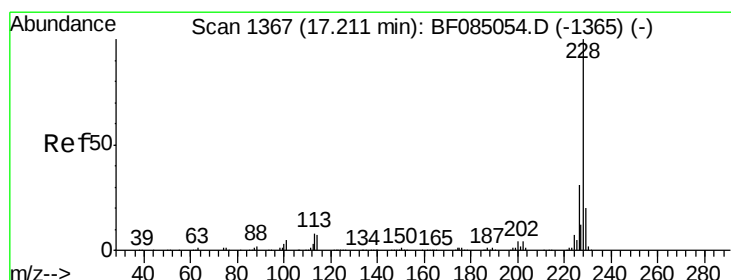
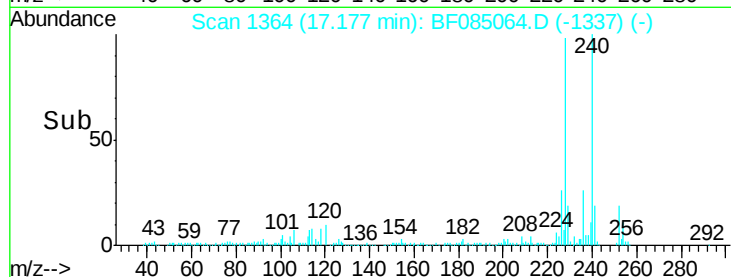
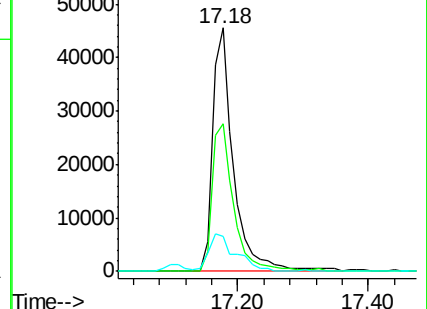
126 14.6 10.6 16.0



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: 45.08 ng

RT: 17.21 min Scan# 1367

Delta R.T. -0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

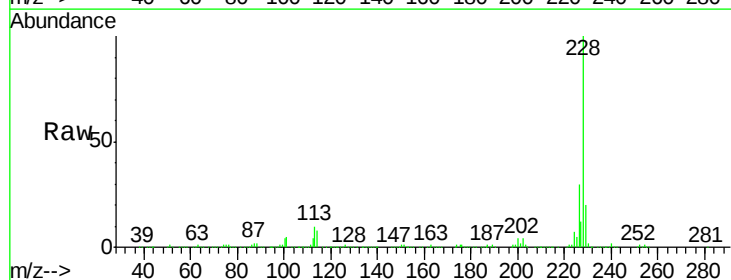
Tgt Ion:228 Resp: 903302

Ion Ratio Lower Upper

228 100

226 30.0 24.3 36.5

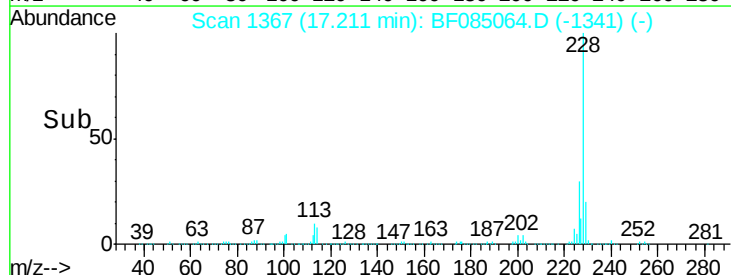
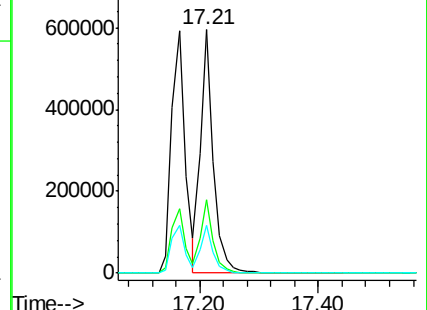
229 19.6 16.1 24.1

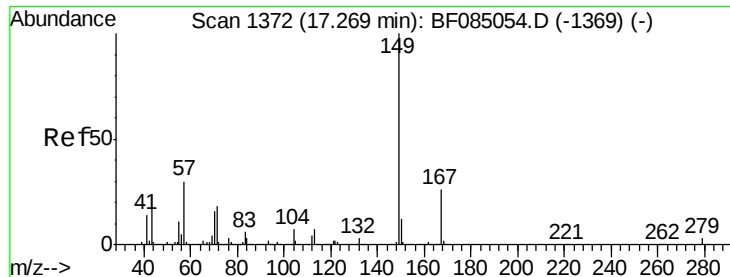


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.49 ng

RT: 17.27 min Scan# 1372

Delta R.T. -0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

Instrument :

BNA_F

ClientSampleId :

S4-B003(10-12)MS

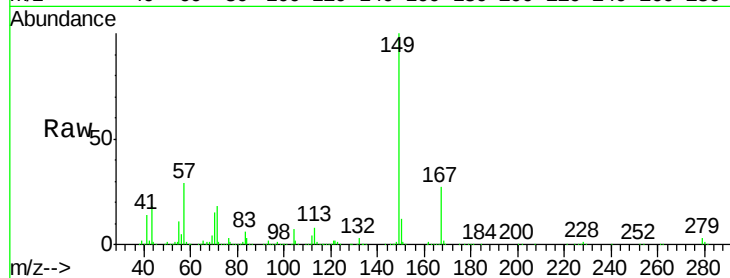
Tgt Ion:149 Resp: 717884

Ion Ratio Lower Upper

149 100

167 26.9 21.0 31.6

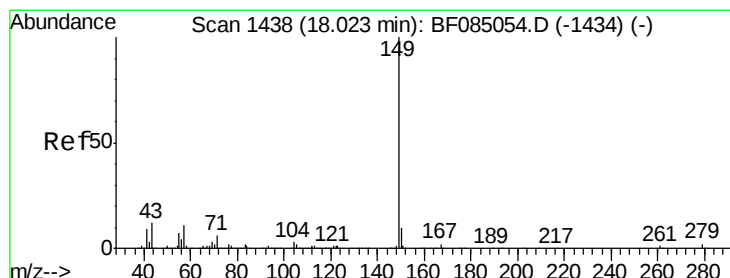
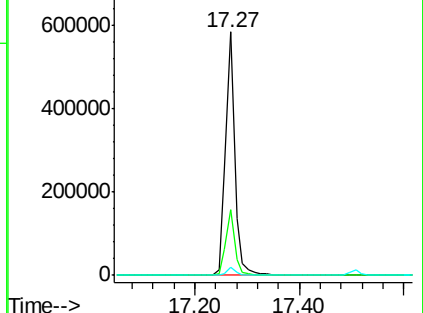
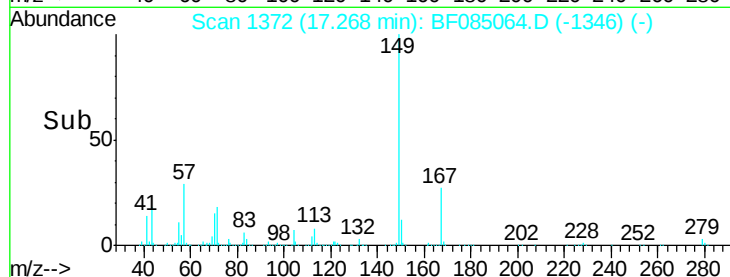
279 3.1 2.4 3.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 48.03 ng

RT: 18.02 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

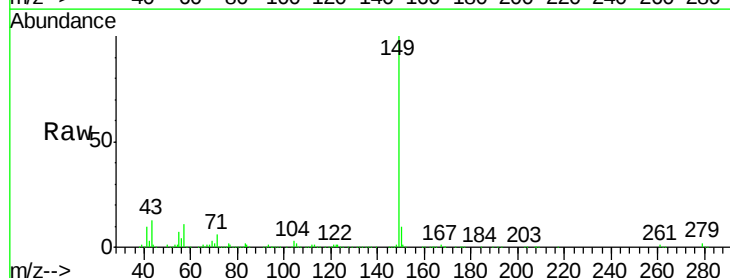
Tgt Ion:149 Resp: 1076833

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

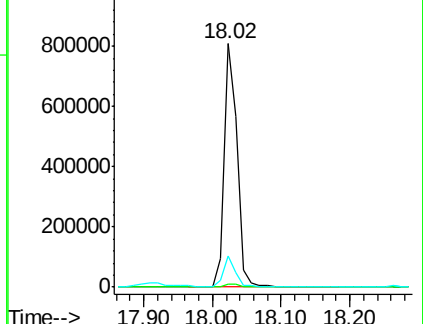
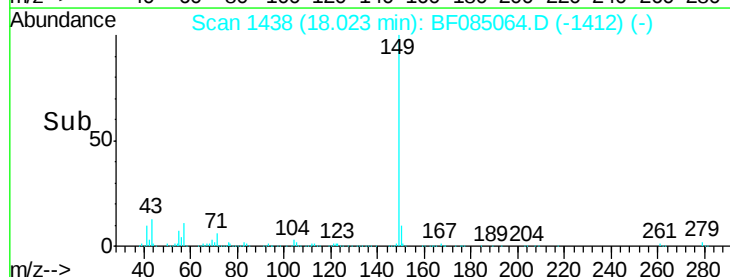
43 11.1 9.0 13.6

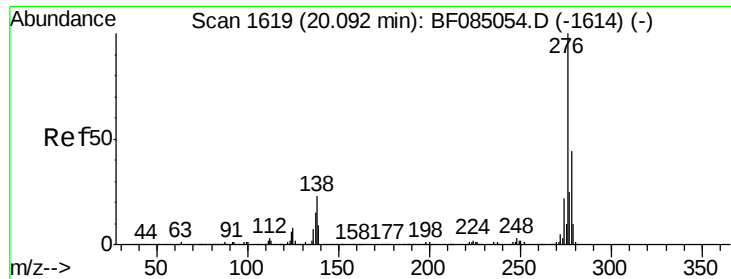


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

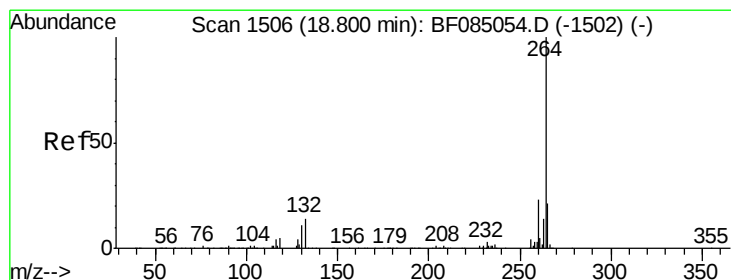
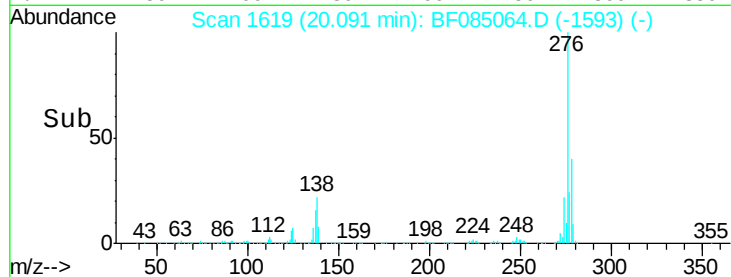
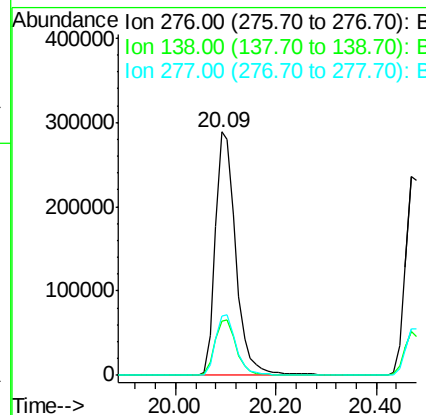
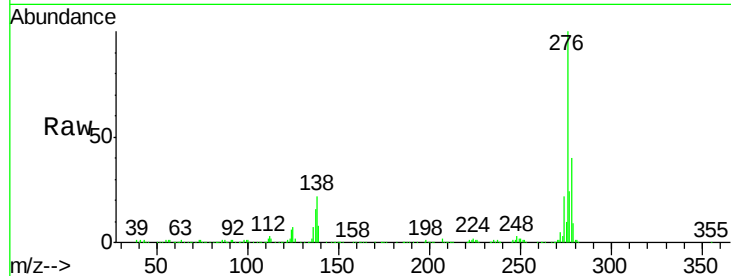




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.12 ng
 RT: 20.09 min Scan# 1619
 Delta R.T. -0.00 min
 Lab File: BF085064.D
 Acq: 13 Feb 2016 3:13

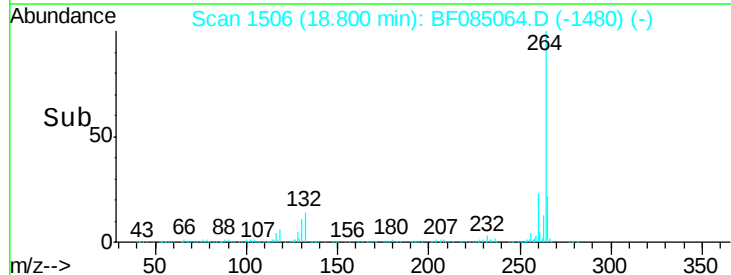
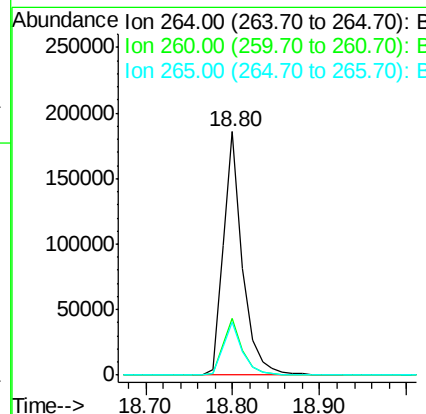
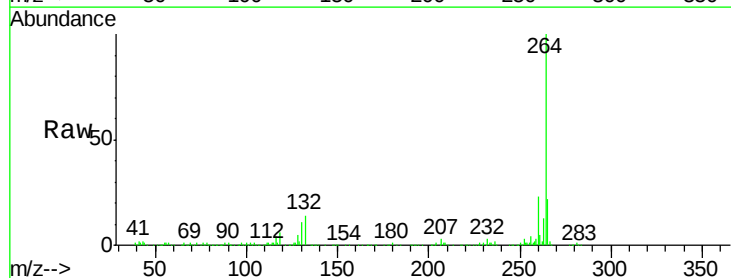
Instrument :
 BNA_F
 ClientSampleId :
 S4-B003(10-12)MS

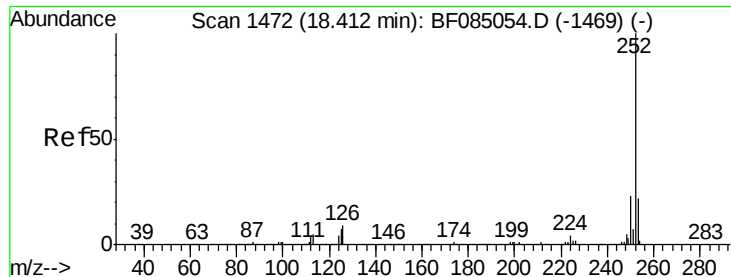
Tgt Ion:276 Resp: 817837
 Ion Ratio Lower Upper
 276 100
 138 23.8 19.0 28.4
 277 24.9 20.0 30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.80 min Scan# 1506
 Delta R.T. -0.00 min
 Lab File: BF085064.D
 Acq: 13 Feb 2016 3:13

Tgt Ion:264 Resp: 287872
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.5 27.7
 265 22.0 16.7 25.1

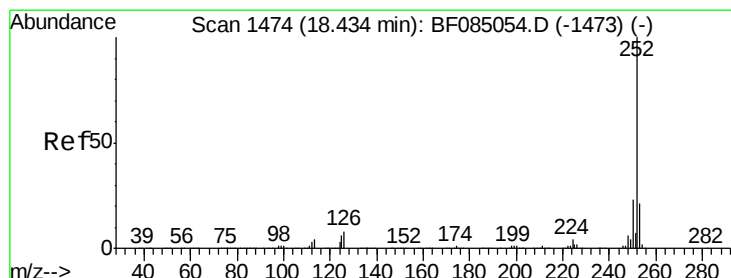
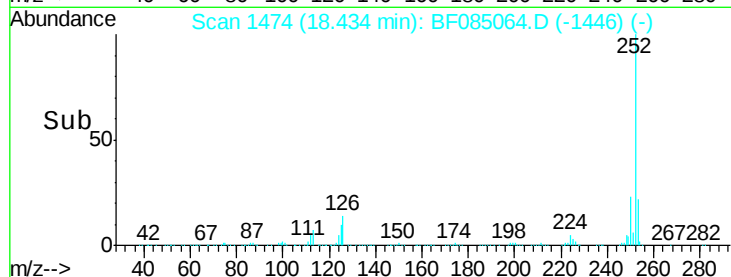
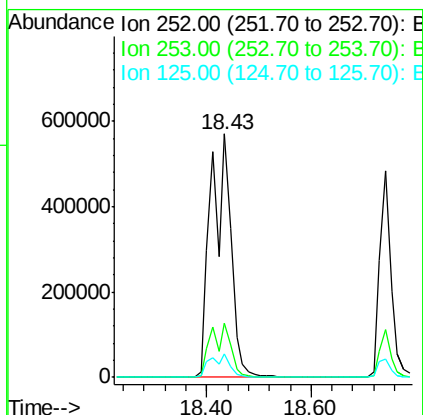
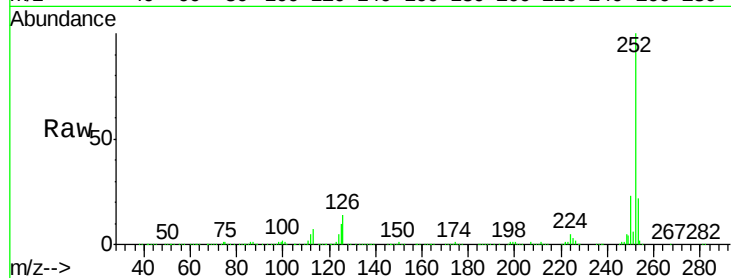




#87
Benzo(b)fluoranthene
Concen: 80.24 ng
RT: 18.43 min Scan# 1474
Delta R.T. 0.02 min
Lab File: BF085064.D
Acq: 13 Feb 2016 3:13

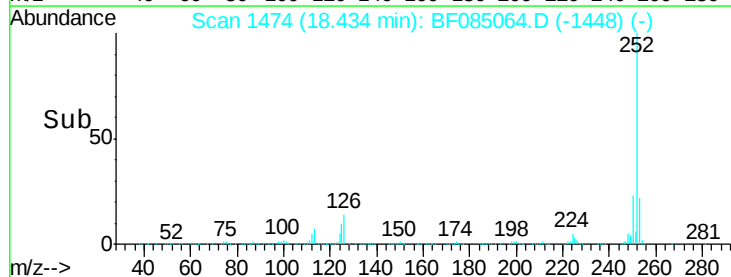
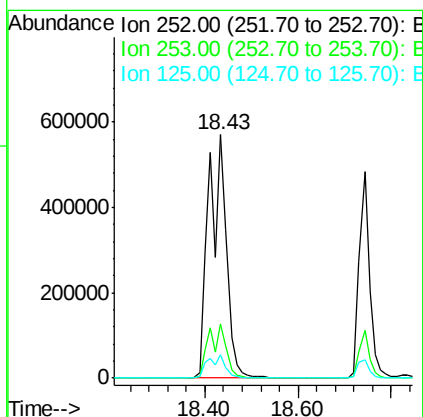
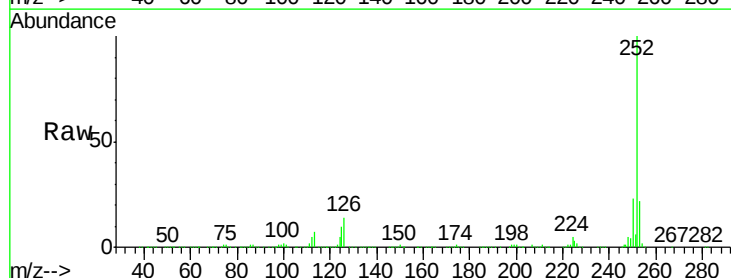
Instrument :
BNA_F
ClientSampleId :
S4-B003(10-12)MS

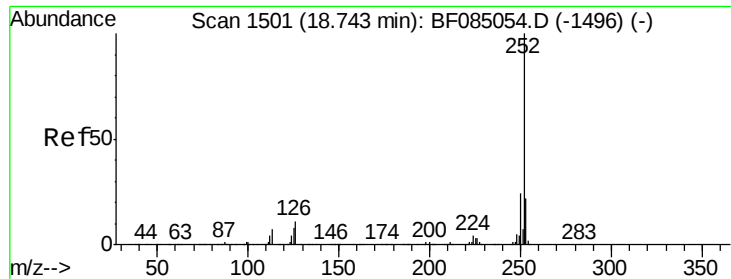
Tgt Ion:252 Resp: 1514378
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 9.7 5.4 8.2#



#88
Benzo(k)fluoranthene
Concen: 100.53 ng
RT: 18.43 min Scan# 1474
Delta R.T. -0.00 min
Lab File: BF085064.D
Acq: 13 Feb 2016 3:13

Tgt Ion:252 Resp: 1515719
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 9.7 7.2 10.8





#89

Benzo(a)pyrene

Concen: 45.56 ng

RT: 18.74 min Scan# 1501

Delta R.T. -0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

Instrument :

BNA_F

ClientSampleId :

S4-B003(10-12)MS

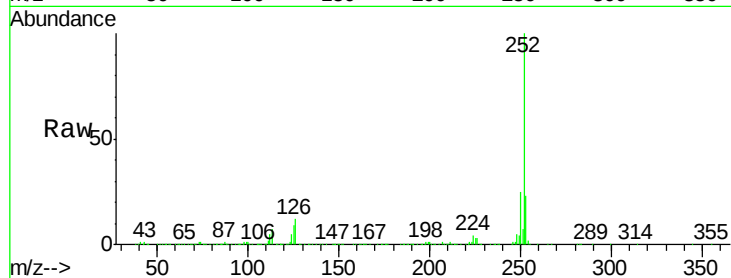
Tgt Ion:252 Resp: 727126

Ion Ratio Lower Upper

252 100

253 22.8 17.7 26.5

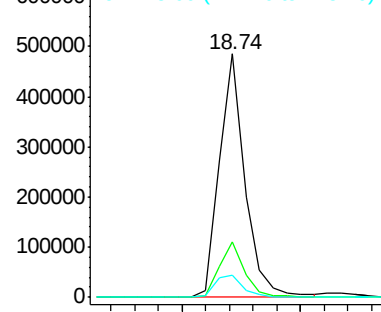
125 9.0 6.1 9.1



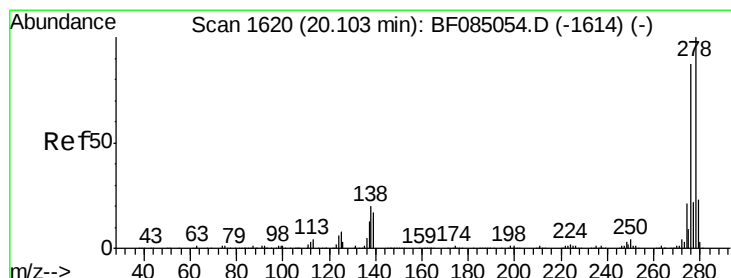
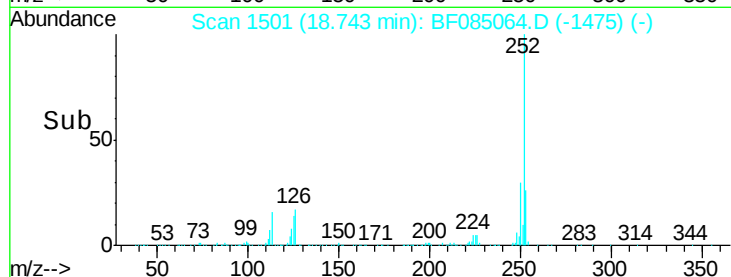
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#90

Dibenzo(a,h)anthracene

Concen: 45.24 ng

RT: 20.11 min Scan# 1621

Delta R.T. 0.01 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

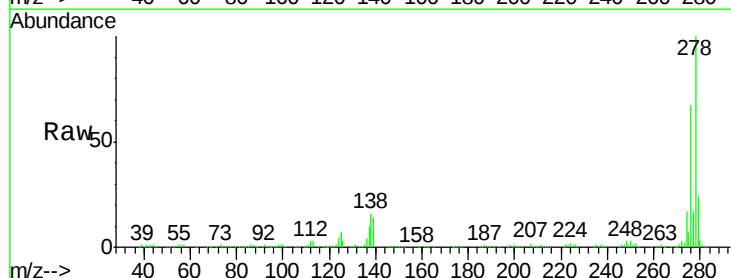
Tgt Ion:278 Resp: 685396

Ion Ratio Lower Upper

278 100

139 14.3 13.3 19.9

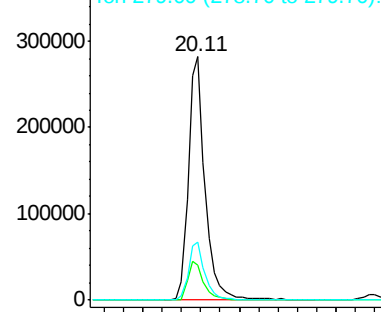
279 23.8 18.6 27.8



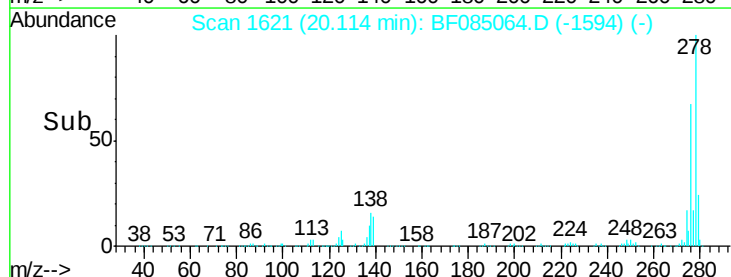
Abundance Ion 278.00 (277.70 to 278.70): E

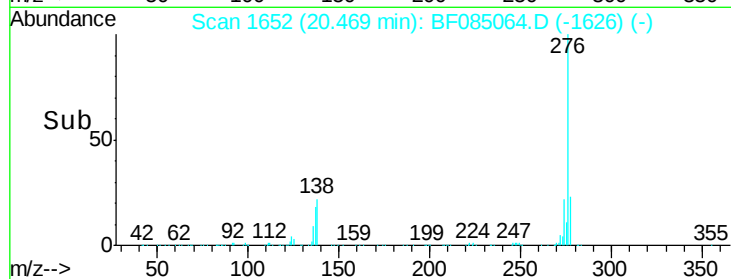
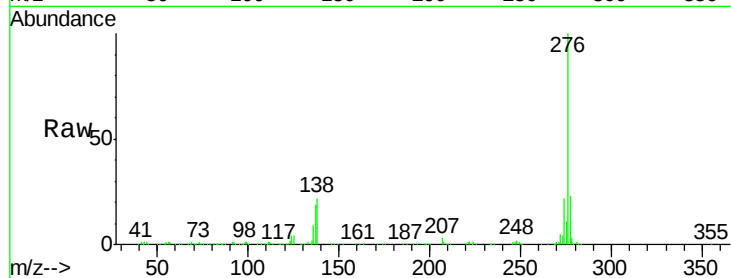
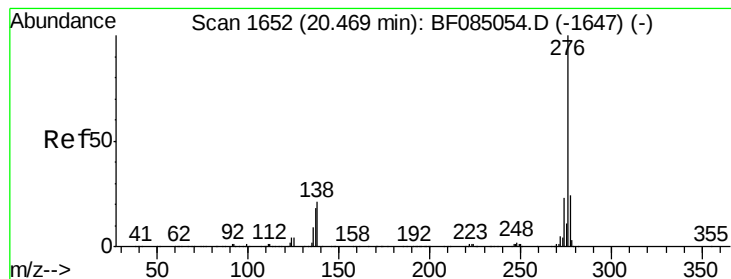
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#91

Benzo(g,h,i)perylene

Concen: 44.41 ng

RT: 20.47 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BF085064.D

Acq: 13 Feb 2016 3:13

Instrument :

BNA_F

ClientSampleId :

S4-B003(10-12)MS

Tgt Ion: 276 Resp: 698615

Ion Ratio Lower Upper

276 100

277 23.3 19.1 28.7

138 22.0 16.6 24.8

