

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032816\
 Data File : BF085847.D
 Acq On : 29 Mar 2016 12:40
 Operator : UM/SJ
 Sample : H1834-08MS
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 29 13:14:03 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:27:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	128532	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	515183	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	218677	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	389318	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	251158	20.00	ng	0.00
86) Perylene-d12	15.40	264	223423	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	919082	119.09	ng	0.01
7) Phenol-d6	6.46	99	1220441	124.38	ng	0.00
23) Nitrobenzene-d5	7.38	82	725434	79.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	288664	138.94	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1154218	88.19	ng	-0.01
78) Terphenyl-d14	12.93	244	992893	81.30	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.45	88	125718	34.11	ng	97
3) Pyridine	3.18	79	157318	17.81	ng	99
4) n-Nitrosodimethylamine	3.12	42	164196	46.42	ng	96
6) Aniline	6.48	93	260898	19.75	ng	# 53
8) 2-Chlorophenol	6.61	128	381216	42.51	ng	96
9) Benzaldehyde	6.37	77	70481	11.92	ng	92
10) Phenol	6.48	94	388374	34.93	ng	83
11) bis(2-Chloroethyl)ether	6.56	93	388146	45.37	ng	95
12) 1,3-Dichlorobenzene	6.76	146	385810	39.95	ng	# 95
13) 1,4-Dichlorobenzene	6.84	146	397443	40.58	ng	95
14) 1,2-Dichlorobenzene	6.98	146	346303	37.95	ng	95
15) Benzyl Alcohol	6.96	79	275408	42.07	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	427137	37.63	ng	92
17) 2-Methylphenol	7.09	107	316679	44.11	ng	98
18) Hexachloroethane	7.33	117	140721	39.24	ng	92
19) n-Nitroso-di-n-propylamine	7.24	70	231600	39.42	ng	93
20) 3+4-Methylphenols	7.24	107	345549	40.03	ng	95
22) Acetophenone	7.24	105	483820	40.31	ng	# 97
24) Nitrobenzene	7.41	77	427893	45.37	ng	93
25) Isophorone	7.65	82	763331	43.31	ng	96
26) 2-Nitrophenol	7.73	139	206324	43.73	ng	# 88
27) 2,4-Dimethylphenol	7.76	122	301014	36.50	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	430686	42.89	ng	99
29) 2,4-Dichlorophenol	7.97	162	301474	43.49	ng	99
30) 1,2,4-Trichlorobenzene	8.05	180	324418	42.15	ng	95
31) Naphthalene	8.13	128	1081738	41.67	ng	99
32) Benzoic acid	7.85	122	33458	6.11	ng	98
33) 4-Chloroaniline	8.18	127	141131	13.32	ng	99
34) Hexachlorobutadiene	8.24	225	167931	40.14	ng	99
35) Caprolactam	8.55	113	60220	24.52	ng	96
36) 4-Chloro-3-methylphenol	8.66	107	350856	43.33	ng	95
37) 2-Methylnaphthalene	8.81	142	672241	44.23	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	281095	43.35	ng	99
40) Hexachlorocyclopentadiene	8.97	237	131947	52.40	ng	98

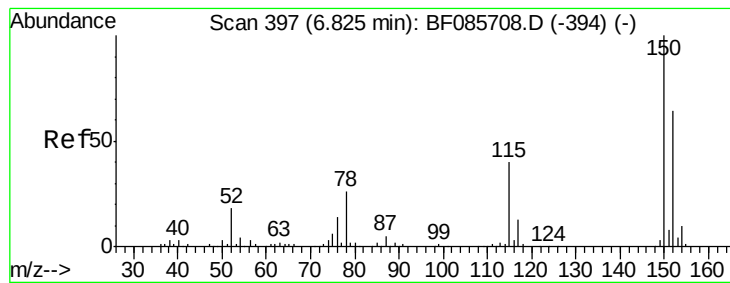
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032816\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	194800	44.48	nq	100
43) 2,4,5-Trichlorophenol	9.14	196	200828	43.72	nq	# 88
45) 1,1'-Biphenyl	9.28	154	763177	41.36	nq	98
46) 2-Chloronaphthalene	9.30	162	572999	42.23	nq	92
47) 2-Nitroaniline	9.41	65	196903	47.46	nq	98
48) Acenaphthylene	9.72	152	947122	42.84	nq	99
49) Dimethylphthalate	9.59	163	1007920	60.75	nq	100
50) 2,6-Dinitrotoluene	9.65	165	156591	43.85	nq	92
51) Acenaphthene	9.89	154	561917	41.61	nq	99
52) 3-Nitroaniline	9.82	138	122502	29.97	nq	98
53) 2,4-Dinitrophenol	9.93	184	60200	36.89	nq	# 71
54) Dibenzofuran	10.07	168	819431	46.88	nq	95
55) 4-Nitrophenol	9.99	139	193009	72.48	nq	92
56) 2,4-Dinitrotoluene	10.06	165	214680	47.30	nq	# 72
57) Fluorene	10.41	166	615980	42.39	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	155366	48.67	nq	96
59) Diethylphthalate	10.29	149	772770	47.14	nq	100
60) 4-Chlorophenyl-phenylether	10.40	204	327363	46.08	nq	# 87
61) 4-Nitroaniline	10.44	138	163247	41.75	nq	94
62) Azobenzene	10.56	77	766581	48.67	nq	92
64) 4,6-Dinitro-2-methylphenol	10.47	198	66817	29.31	nq	# 57
65) n-Nitrosodiphenylamine	10.52	169	562715	45.63	nq	99
66) 4-Bromophenyl-phenylether	10.89	248	186522	46.83	nq	# 86
67) Hexachlorobenzene	10.96	284	192601	46.24	nq	# 87
68) Atrazine	11.05	200	209460	50.31	nq	99
69) Pentachlorophenol	11.16	266	168803	82.55	nq	99
70) Phenanthrene	11.37	178	911057	45.58	nq	99
71) Anthracene	11.42	178	899748	42.87	nq	100
72) Carbazole	11.58	167	867621	49.24	nq	98
73) Di-n-butylphthalate	11.91	149	1085349	44.89	nq	98
74) Fluoranthene	12.55	202	765558	36.03	nq	97
76) Benzidine	12.68	184	24274	2.74	nq	99
77) Pyrene	12.78	202	771732	37.38	nq	99
79) Butylbenzylphthalate	13.40	149	369856	42.78	nq	# 79
80) Benzo(a)anthracene	13.97	228	617540	43.12	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	109943	11.06	nq	# 97
82) Chrysene	14.00	228	494042	34.25	nq	100
83) Bis(2-ethylhexyl)phthalate	13.96	149	512947	49.55	nq	# 96
84) Di-n-octyl phthalate	14.56	149	743792	48.32	nq	99
85) Indeno(1,2,3-cd)pyrene	16.79	276	623584	55.98	nq	99
87) Benzo(b)fluoranthene	15.02	252	1137866	80.84	nq	98
88) Benzo(k)fluoranthene	15.02	252	1137866	89.68	nq	99
89) Benzo(a)pyrene	15.34	252	558345	44.68	nq	99
90) Dibenzo(a,h)anthracene	16.79	278	530716	45.71	nq	97
91) Benzo(g,h,i)perylene	17.20	276	501559	42.66	nq	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Instrument :

BNA_F

ClientSampleId :

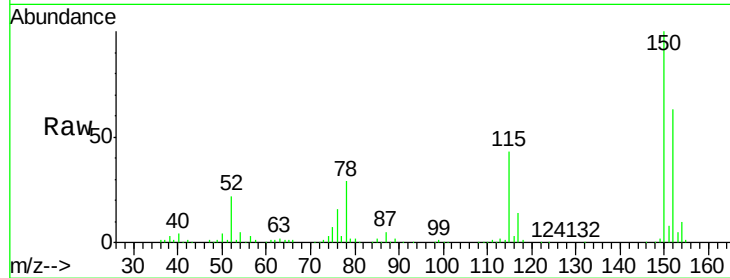
Tot Ion:152 Resp: 128532

Ion Ratio Lower Upper

152 100

150 159.0 124.2 186.2

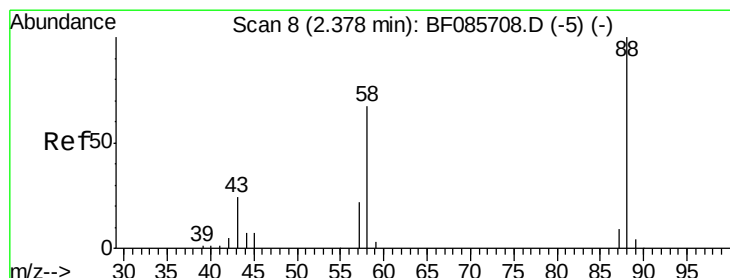
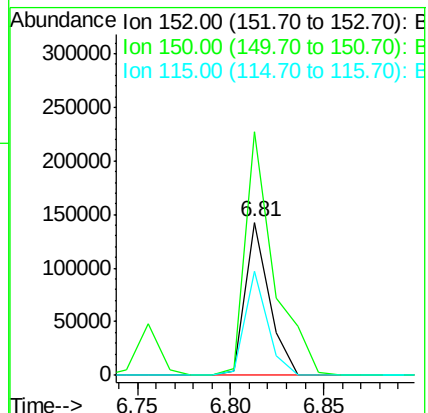
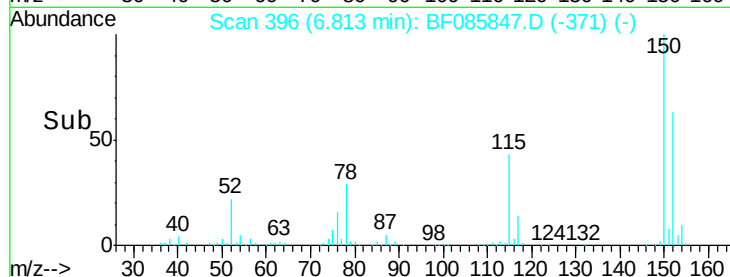
115 67.7 47.0 70.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 34.11 ng

RT: 2.45 min Scan# 14

Delta R.T. 0.07 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

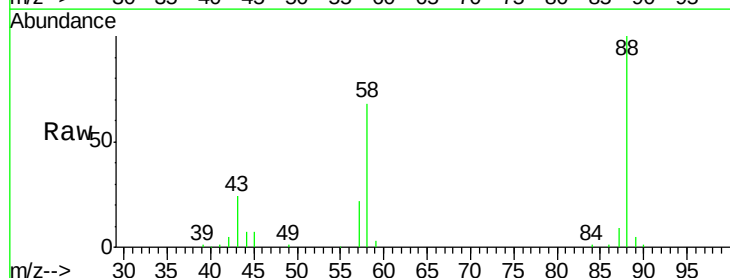
Tgt Ion: 88 Resp: 125718

Ion Ratio Lower Upper

88 100

58 69.3 54.2 81.2

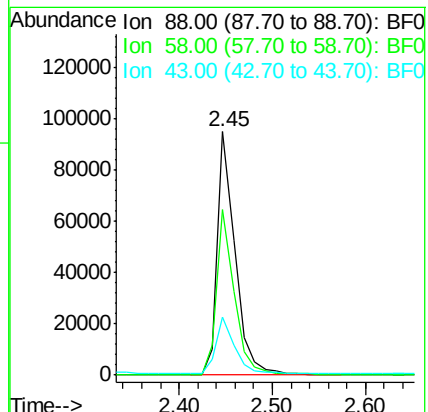
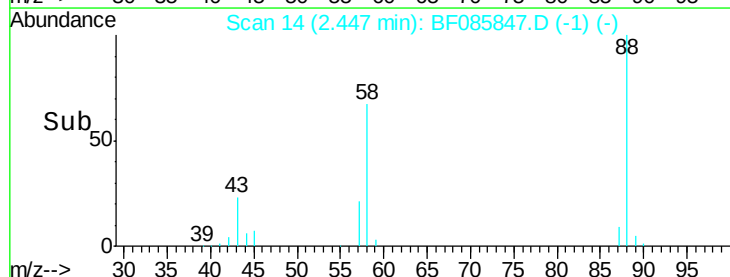
43 26.5 19.3 28.9

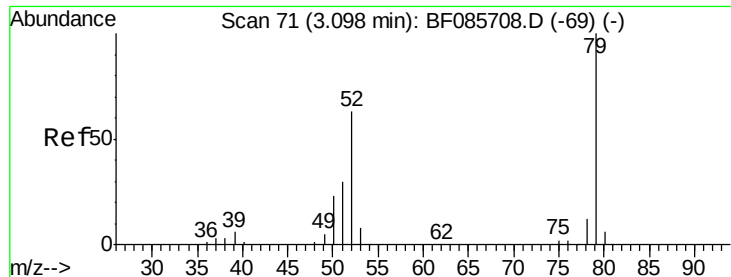


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 17.81 ng

RT: 3.18 min Scan# 78

Delta R.T. 0.08 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Instrument :
BNA_F
ClientSampleId :

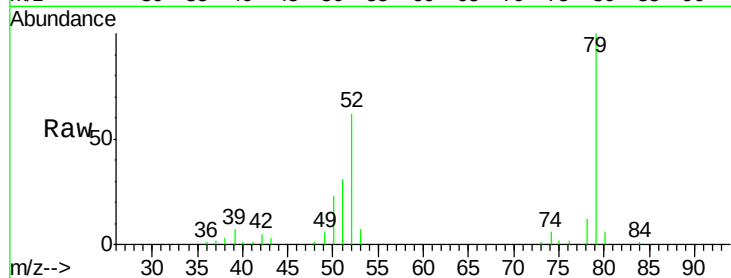
Tot Ion: 79 Resp: 157318

Ion Ratio Lower Upper

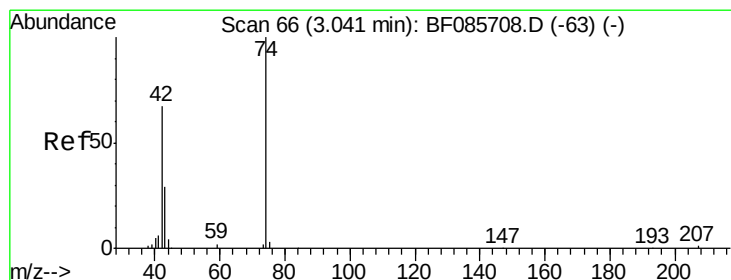
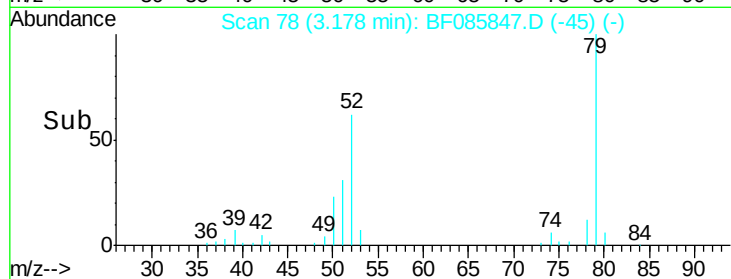
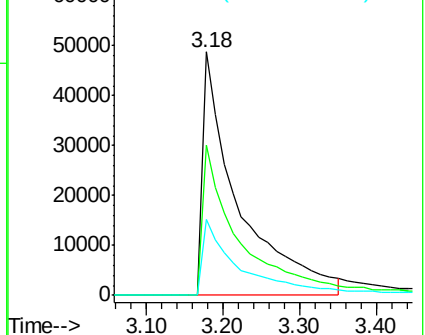
79 100

52 61.5 49.8 74.6

51 31.1 24.7 37.1



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 46.42 ng

RT: 3.12 min Scan# 73

Delta R.T. 0.08 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

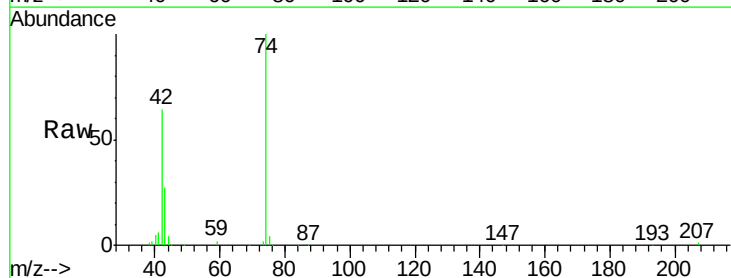
Tgt Ion: 42 Resp: 164196

Ion Ratio Lower Upper

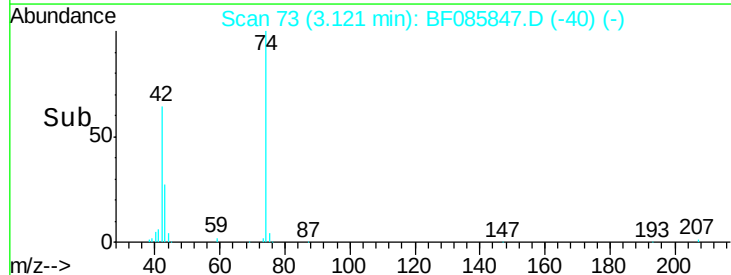
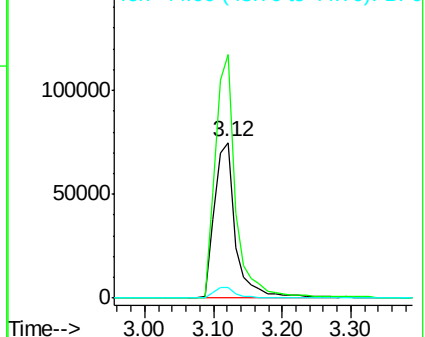
42 100

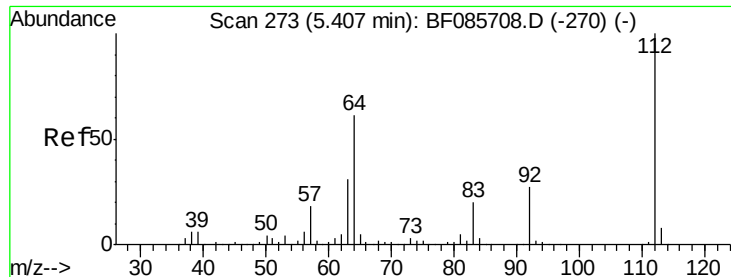
74 156.6 121.4 182.2

44 6.9 5.6 8.4



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 119.09 ng

RT: 5.42 min Scan# 274

Delta R.T. 0.01 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Instrument :

BNA_F

ClientSampleId :

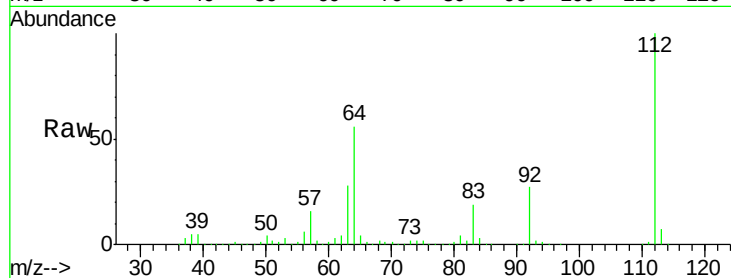
Tot Ion:112 Resp: 919082

Ion Ratio Lower Upper

112 100

64 56.2 39.9 59.9

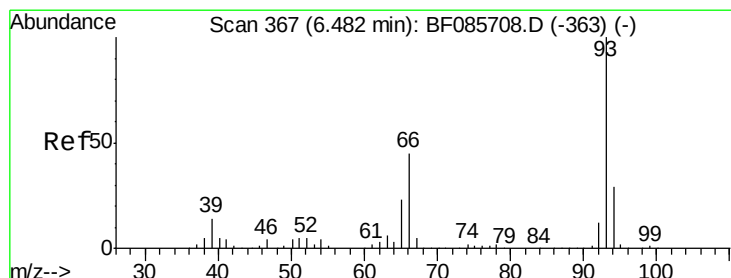
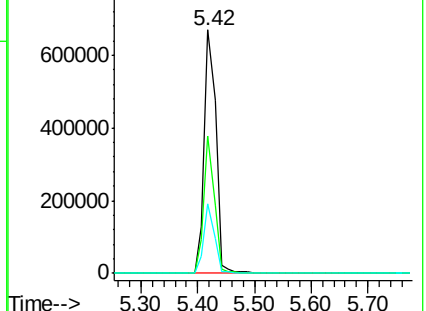
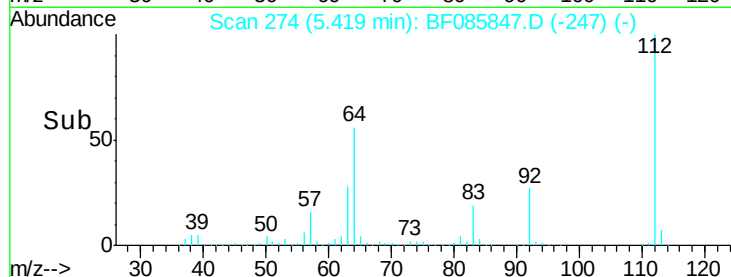
63 28.4 20.2 30.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 19.75 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.00 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

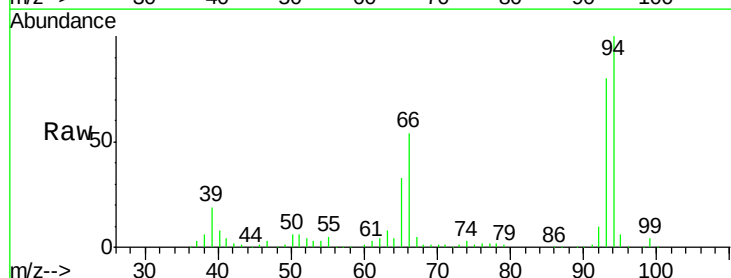
Tgt Ion: 93 Resp: 260898

Ion Ratio Lower Upper

93 100

66 67.3 31.4 47.2#

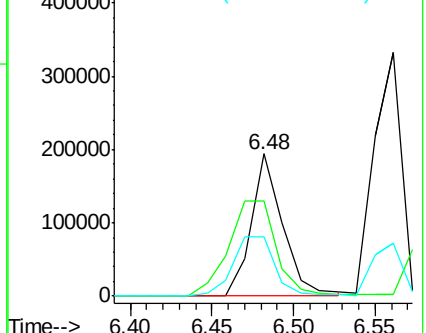
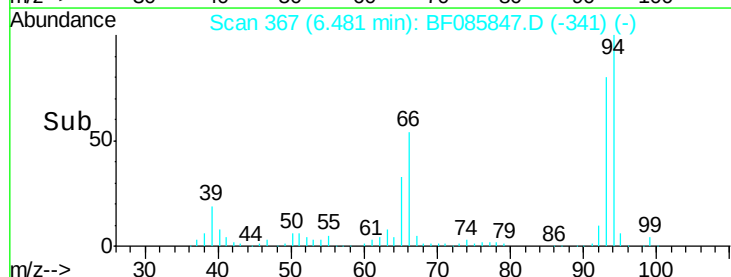
65 41.6 15.7 23.5#

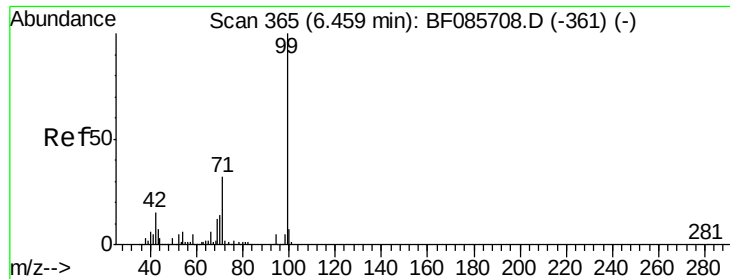


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 124.38 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Instrument :

BNA_F

ClientSampleId :

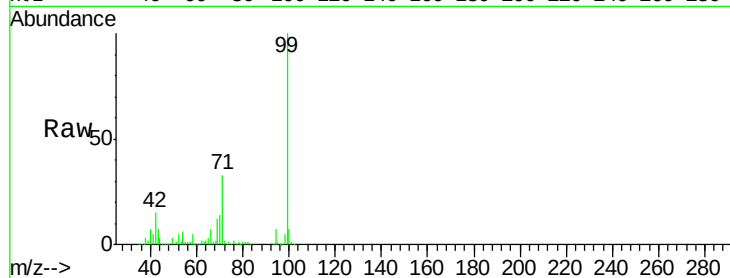
Tot Ion: 99 Resp: 1220441

Ion Ratio Lower Upper

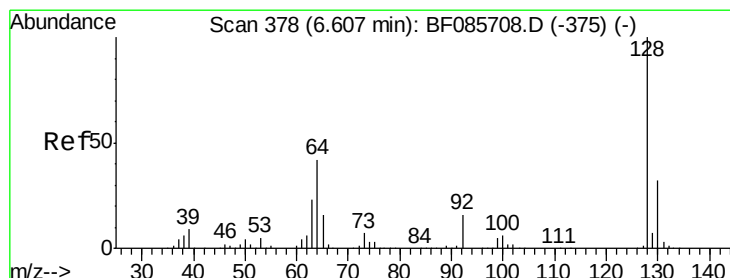
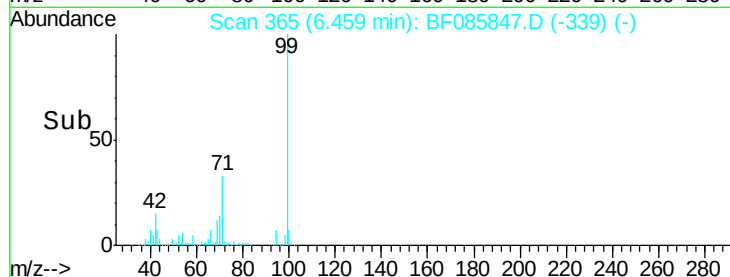
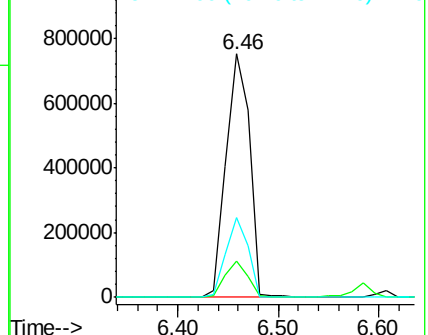
99 100

42 15.0 11.1 16.7

71 33.0 24.9 37.3



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



#8

2-Chlorophenol

Concen: 42.51 ng

RT: 6.61 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

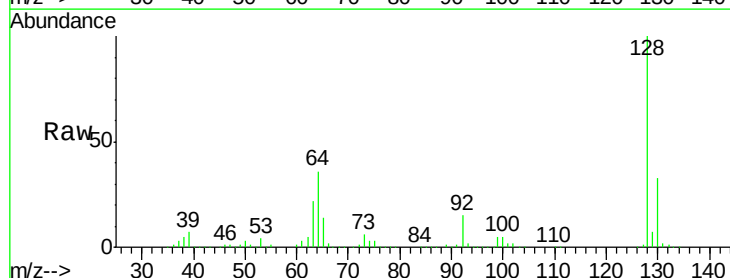
Tgt Ion: 128 Resp: 381216

Ion Ratio Lower Upper

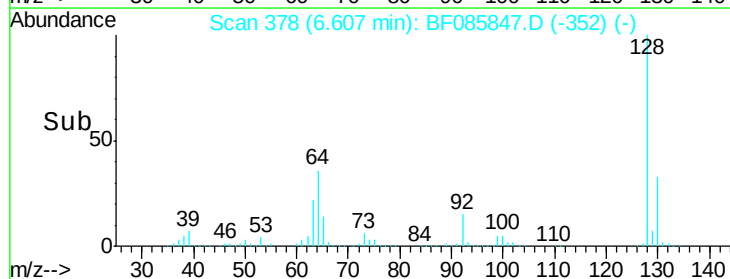
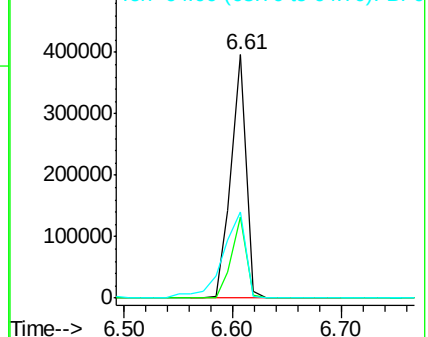
128 100

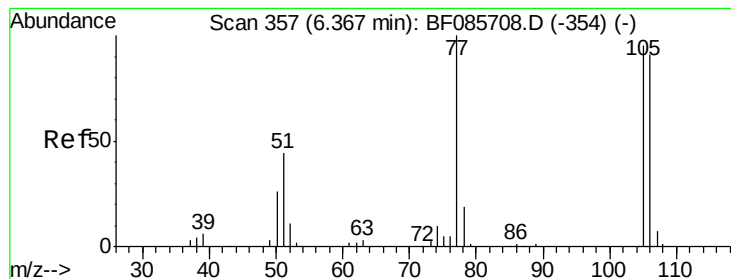
130 33.3 12.9 52.9

64 35.6 20.2 60.2



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





#9

Benzaldehyde

Concen: 11.92 ng

RT: 6.37 min Scan# 357

Delta R.T. -0.00 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Instrument :

BNA_F

ClientSampleId :

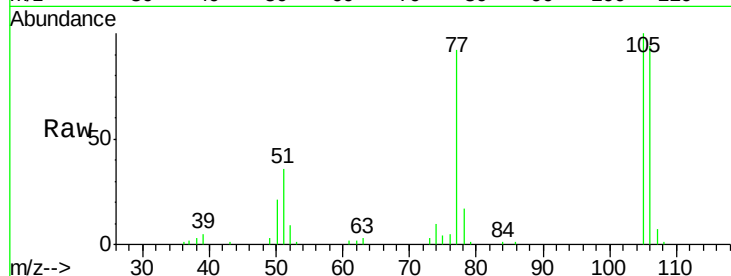
Tot Ion: 77 Resp: 70481

Ion Ratio Lower Upper

77 100

105 108.8 80.1 120.1

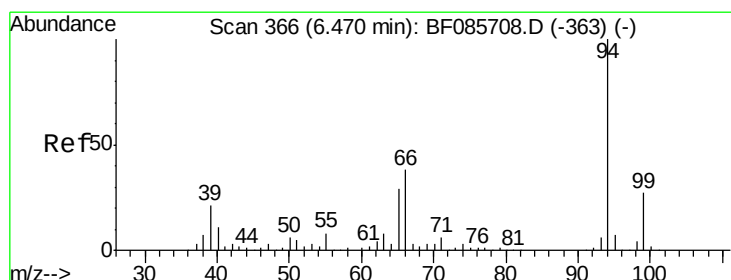
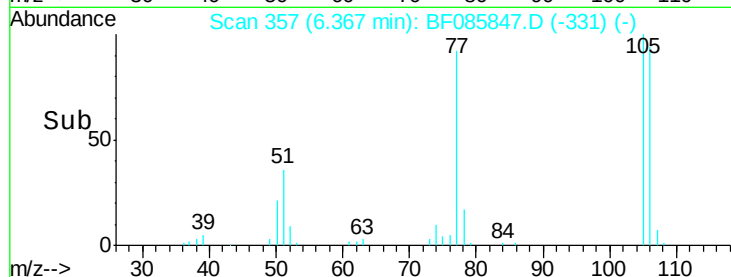
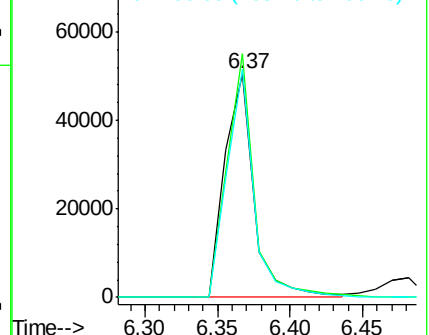
106 102.2 75.0 115.0



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: 34.93 ng

RT: 6.48 min Scan# 367

Delta R.T. 0.01 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

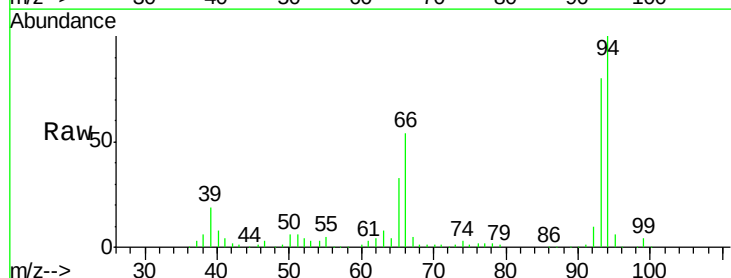
Tgt Ion: 94 Resp: 388374

Ion Ratio Lower Upper

94 100

65 33.4 8.6 48.6

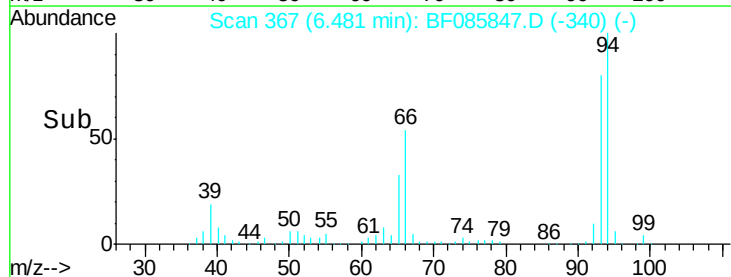
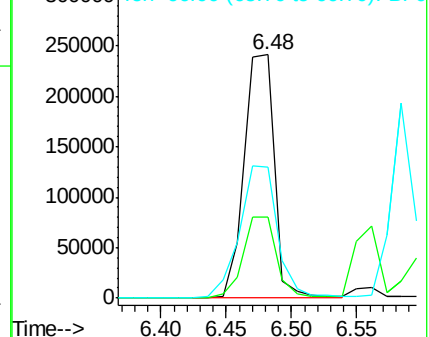
66 54.0 20.0 60.0

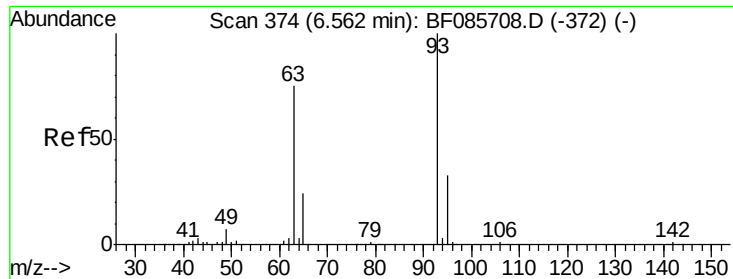


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 45.37 ng

RT: 6.56 min Scan# 374

Delta R.T. -0.00 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Instrument :

BNA_F

ClientSampleId :

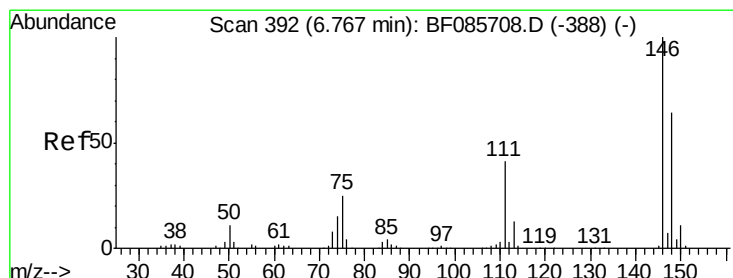
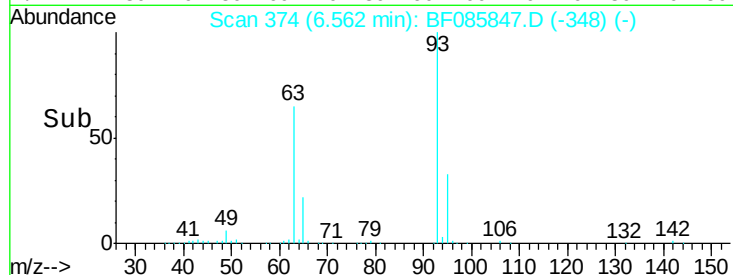
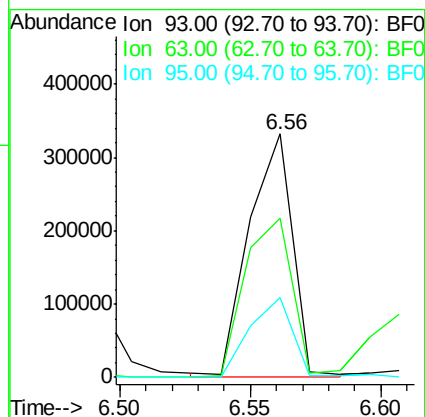
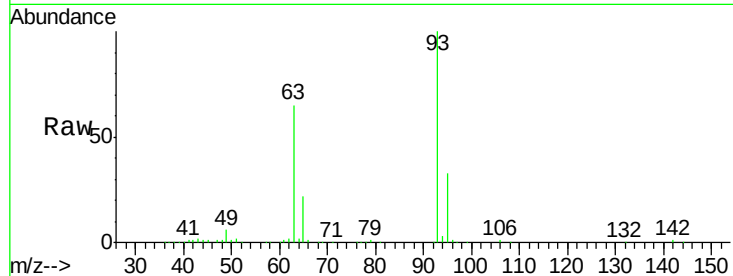
Tot Ion: 93 Resp: 388146

Ion Ratio Lower Upper

93 100

63 65.3 50.9 90.9

95 33.0 13.3 53.3



#12

1,3-Dichlorobenzene

Concen: 39.95 ng

RT: 6.76 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

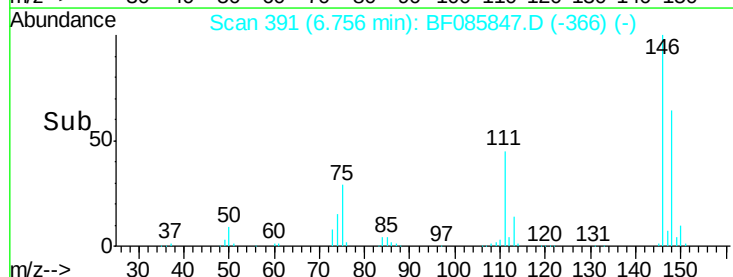
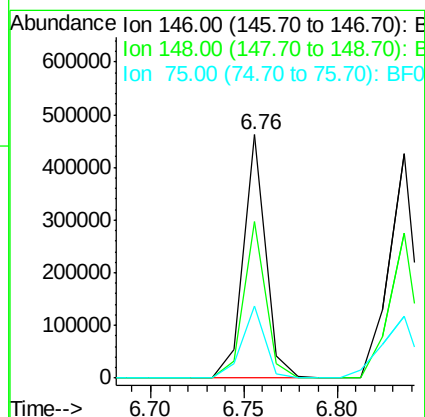
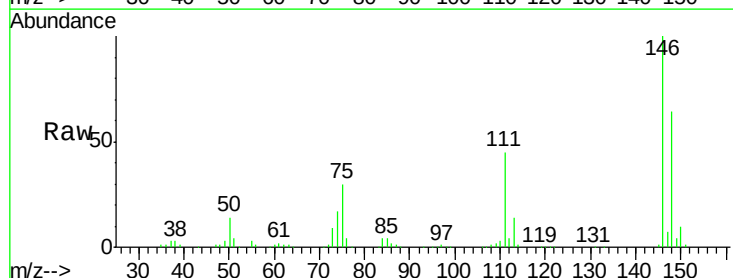
Tgt Ion: 146 Resp: 385810

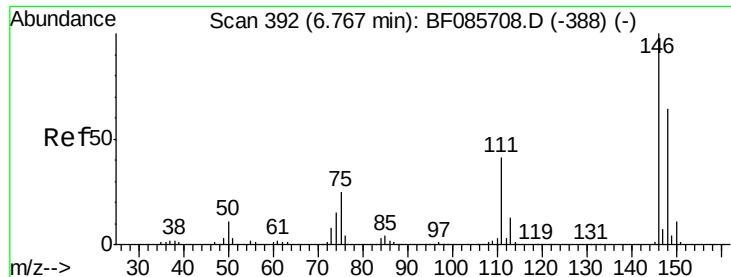
Ion Ratio Lower Upper

146 100

148 64.3 52.3 78.5

75 29.7 17.4 26.2#

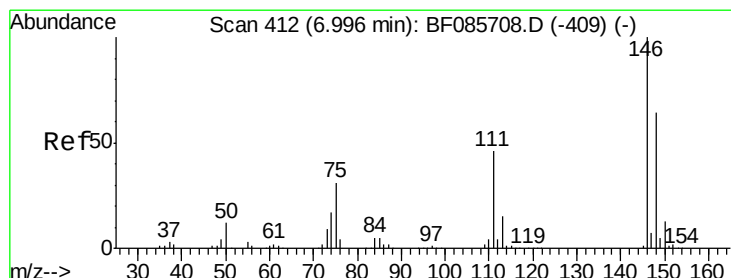
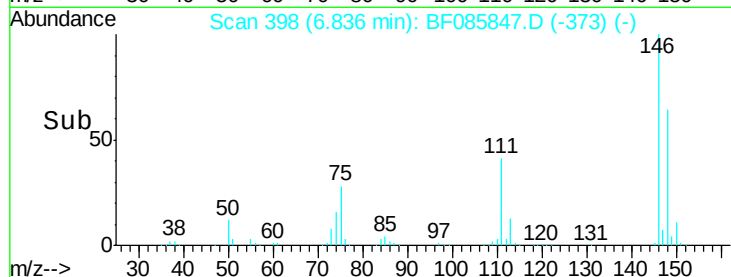
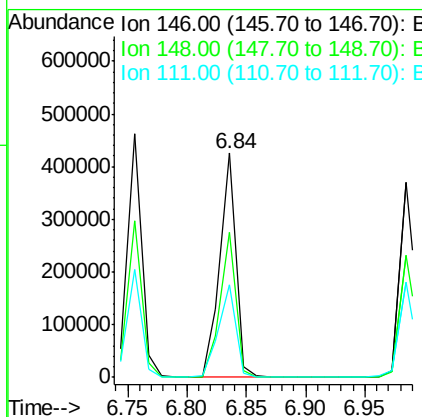
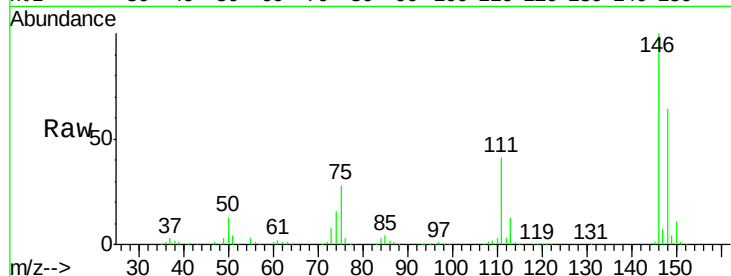




#13
 1,4-Dichlorobenzene
 Concen: 40.58 ng
 RT: 6.84 min Scan# 398
 Delta R.T. -0.01 min
 Lab File: BF085847.D
 Acq: 29 Mar 2016 12:40

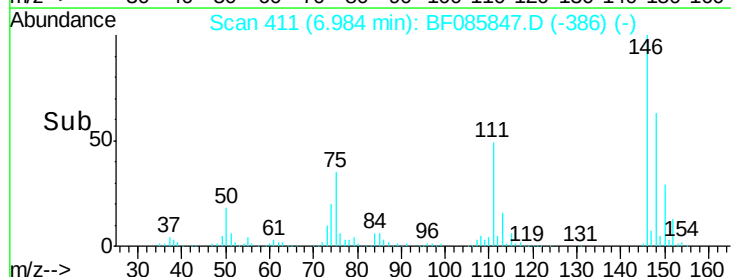
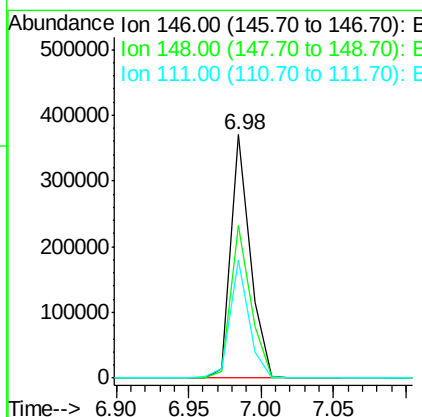
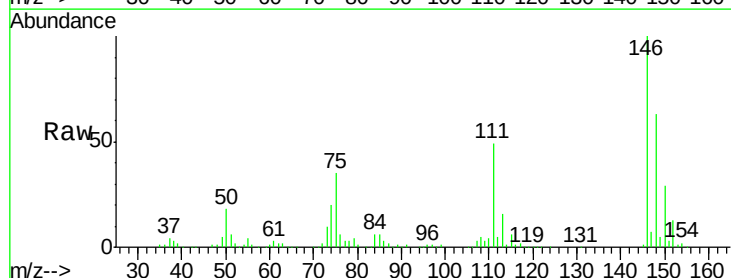
Instrument :
 BNA_F
 ClientSampled :

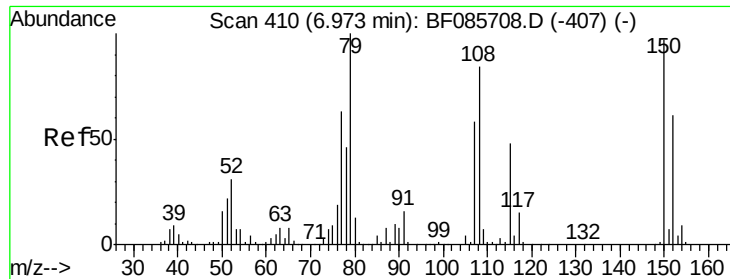
Tot Ion:146 Resp: 397443
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.6 76.0
 111 41.1 37.8 56.6



#14
 1,2-Dichlorobenzene
 Concen: 37.95 ng
 RT: 6.98 min Scan# 411
 Delta R.T. -0.01 min
 Lab File: BF085847.D
 Acq: 29 Mar 2016 12:40

Tgt Ion:146 Resp: 346303
 Ion Ratio Lower Upper
 146 100
 148 62.6 51.4 77.2
 111 48.5 34.6 52.0





#15

Benzyl Alcohol

Concen: 42.07 ng

RT: 6.96 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Instrument :

BNA_F

ClientSampled :

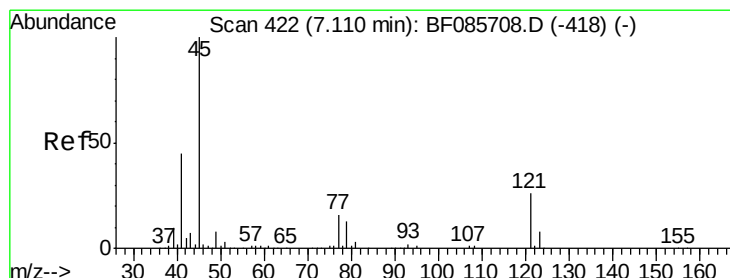
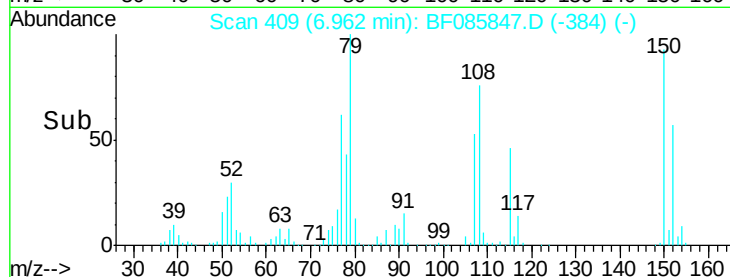
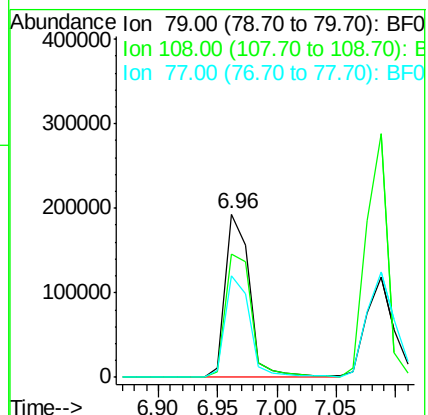
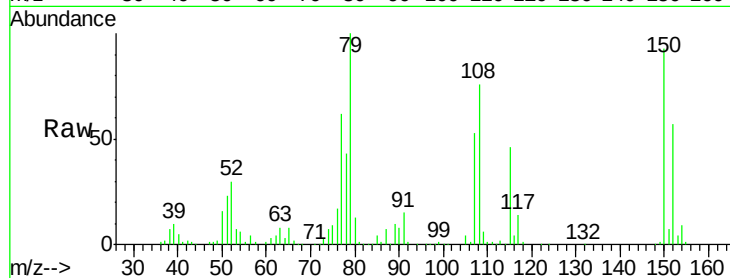
Tot Ion: 79 Resp: 275408

Ion Ratio Lower Upper

79 100

108 76.0 61.8 92.6

77 62.1 49.6 74.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.63 ng

RT: 7.10 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

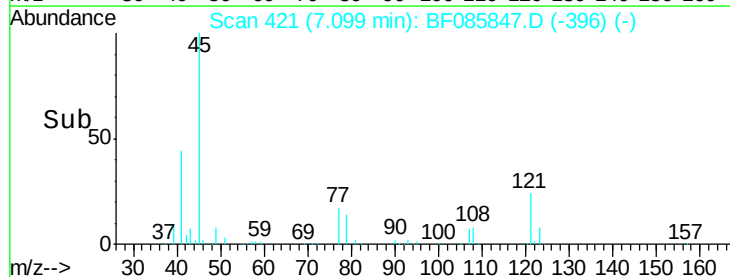
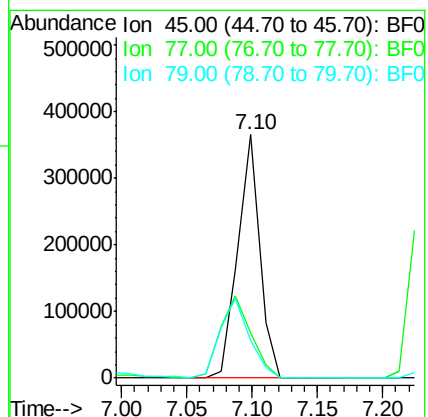
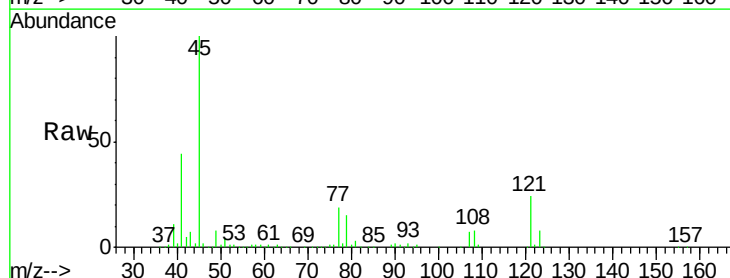
Tgt Ion: 45 Resp: 427137

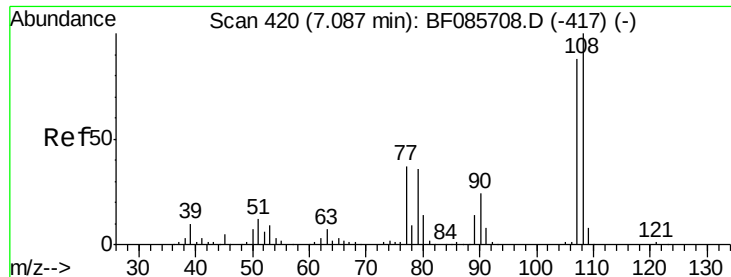
Ion Ratio Lower Upper

45 100

77 18.8 0.0 35.7

79 15.3 0.0 32.2

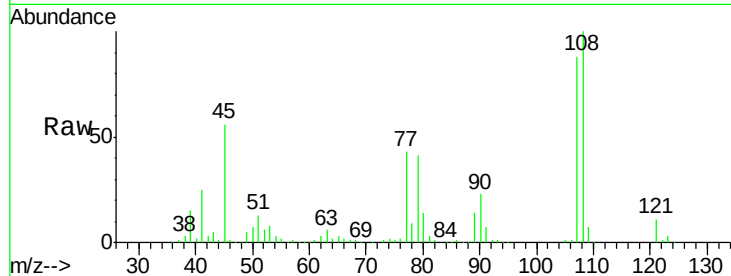




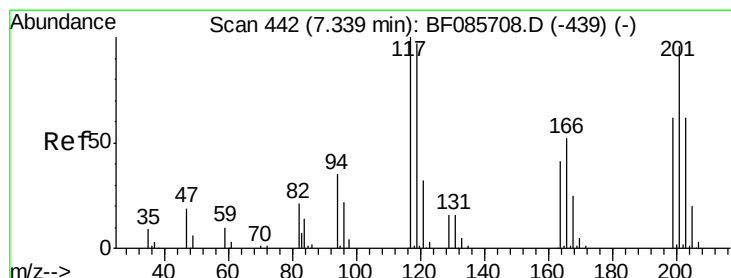
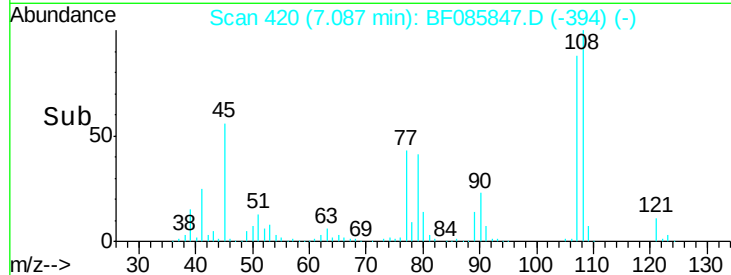
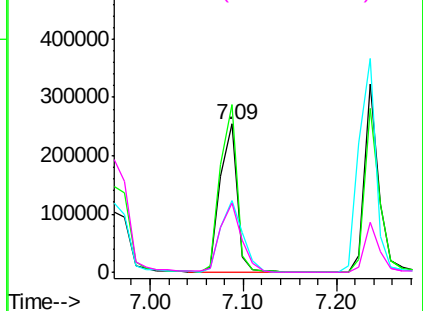
#17
2-Methylphenol
Concen: 44.11 ng
RT: 7.09 min Scan# 420
Delta R.T. -0.00 min
Lab File: BF085847.D
Acq: 29 Mar 2016 12:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 316679
Ion Ratio Lower Upper
107 100
108 113.3 91.4 137.0
77 48.7 36.2 54.2
79 46.8 35.8 53.8

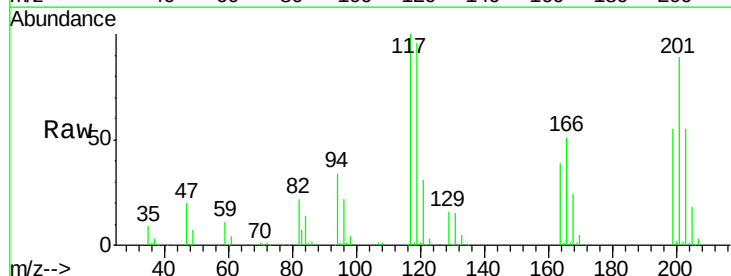


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

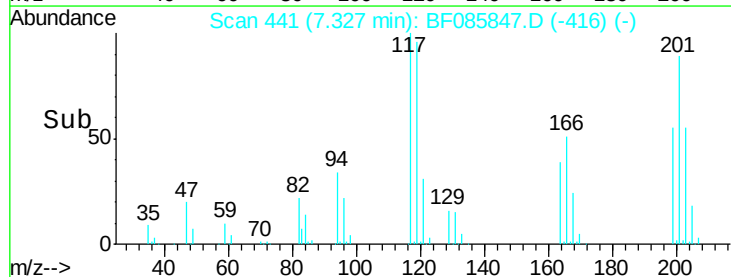
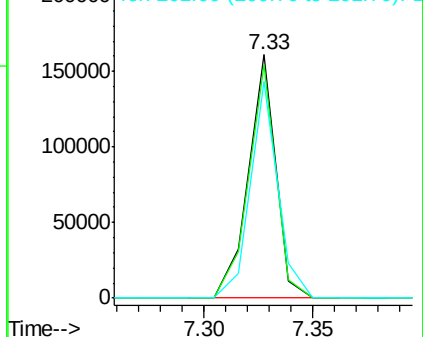


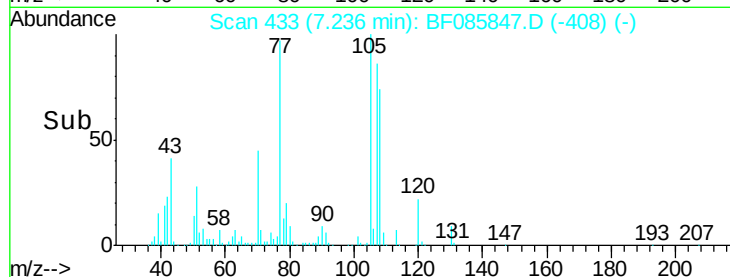
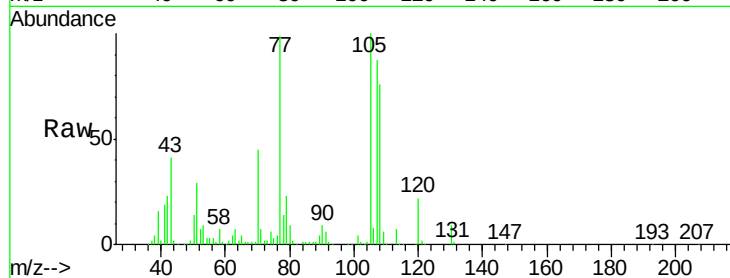
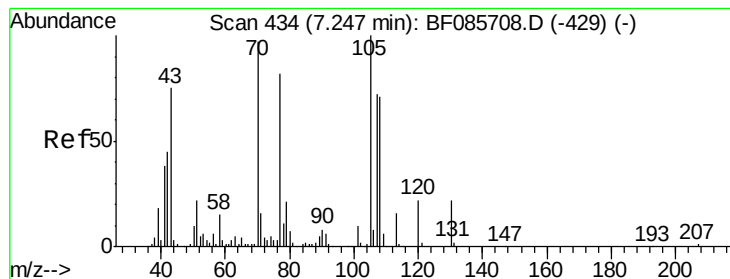
#18
Hexachloroethane
Concen: 39.24 ng
RT: 7.33 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF085847.D
Acq: 29 Mar 2016 12:40

Tgt Ion:117 Resp: 140721
Ion Ratio Lower Upper
117 100
119 95.7 76.7 115.1
201 88.9 83.3 124.9



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: 39.42 ng

RT: 7.24 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 231600

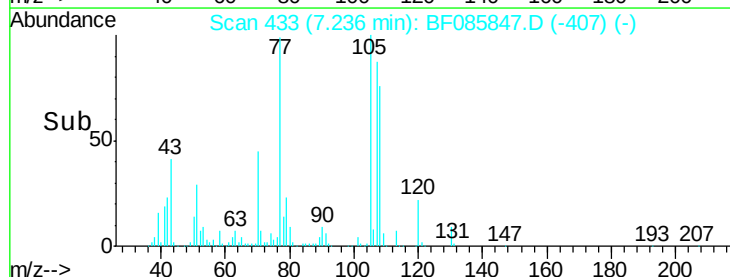
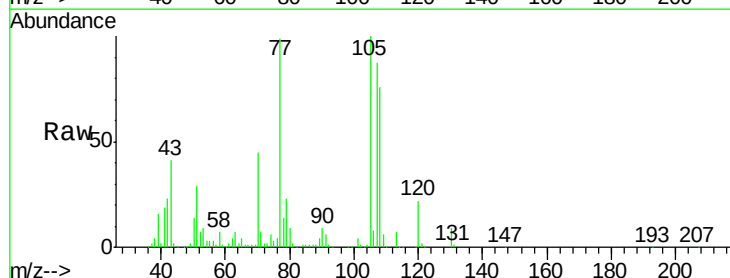
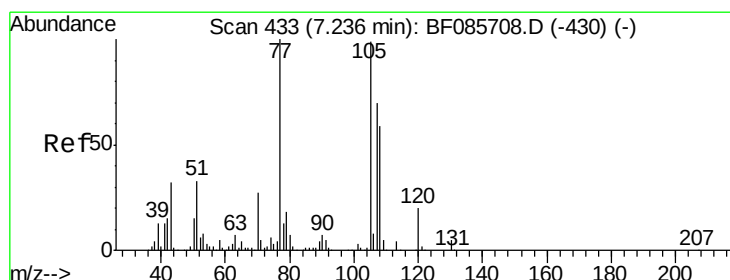
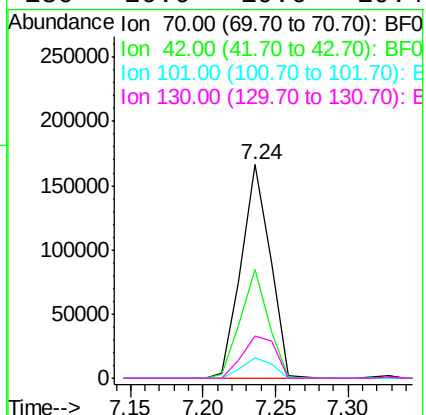
Ion Ratio Lower Upper

70 100

42 50.8 37.1 55.7

101 9.6 8.6 12.8

130 20.0 19.6 29.4



#20

3+4-Methylphenols

Concen: 40.03 ng

RT: 7.24 min Scan# 433

Delta R.T. -0.00 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Tgt Ion: 107 Resp: 345549

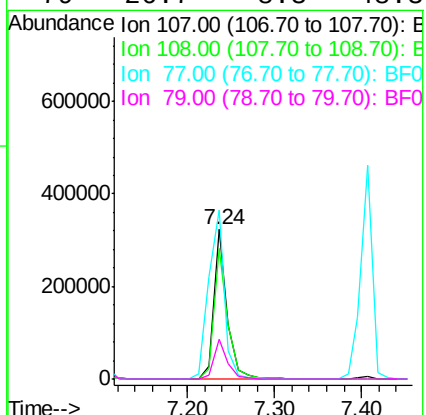
Ion Ratio Lower Upper

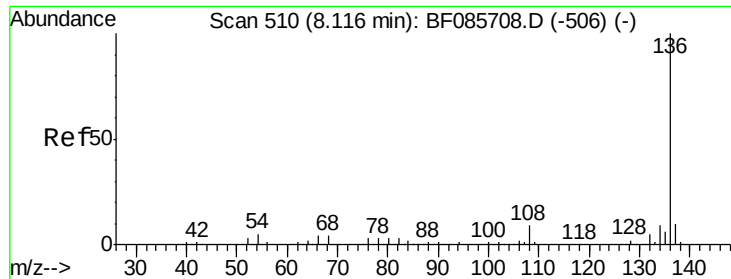
107 100

108 86.9 69.3 109.3

77 113.4 101.7 141.7

79 26.7 8.3 48.3

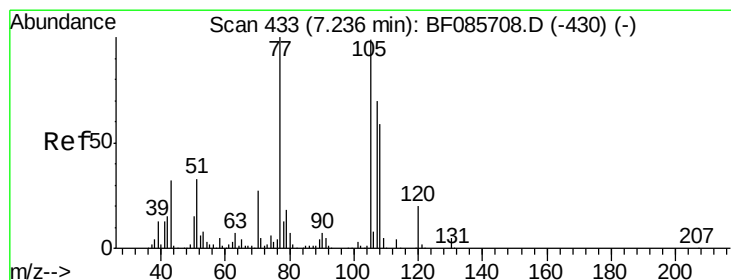
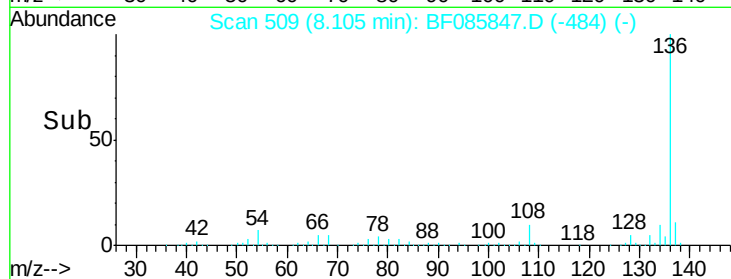
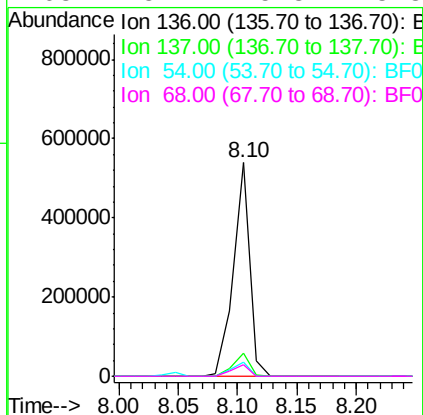
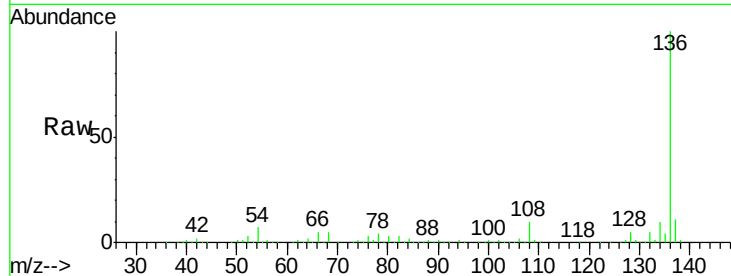




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF085847.D
Acq: 29 Mar 2016 12:40

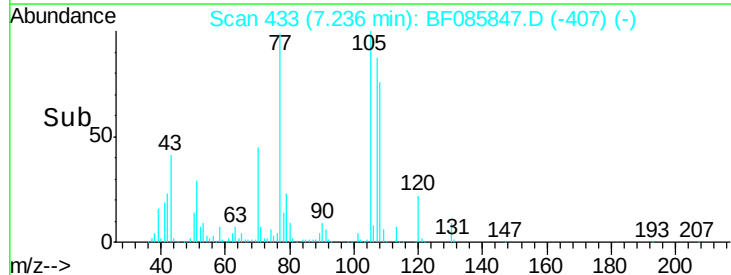
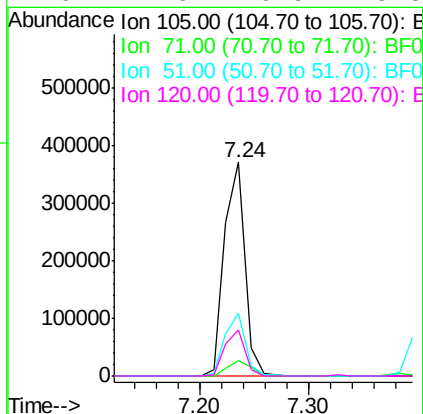
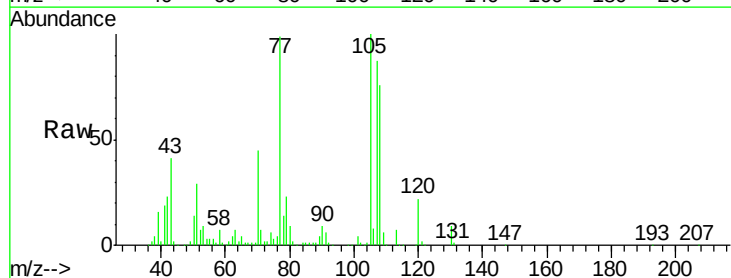
Instrument :
BNA_F
ClientSampleId :

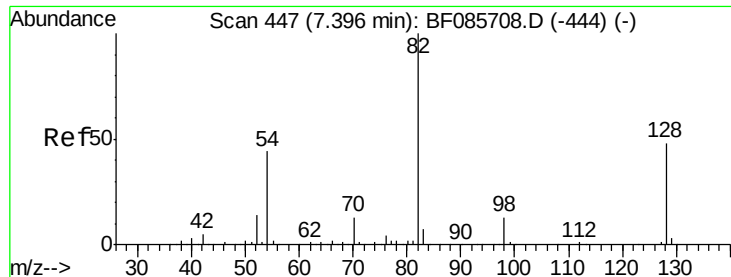
Tot Ion:136	Resp:	515183
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.1 13.7
54	6.6	7.4 11.0#
68	5.4	5.8 8.8#



#22
Acetophenone
Concen: 40.31 ng
RT: 7.24 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF085847.D
Acq: 29 Mar 2016 12:40

Tgt Ion:105	Resp:	483820
Ion Ratio	Lower	Upper
105	100	
71	7.3	3.6 5.4#
51	29.4	25.4 38.0
120	21.6	16.9 25.3

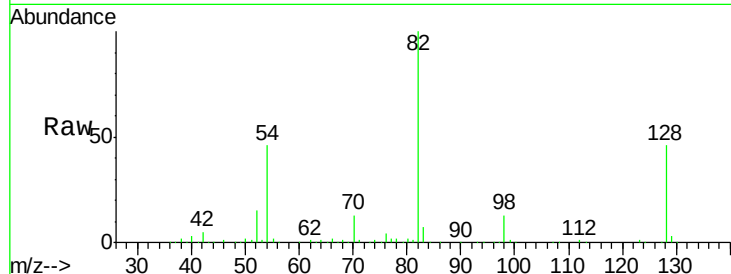




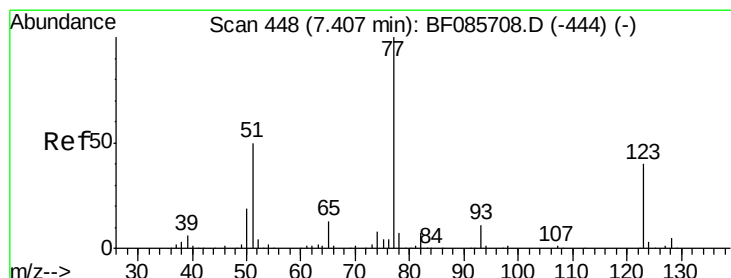
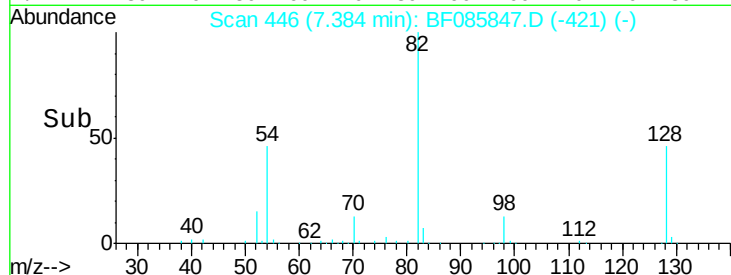
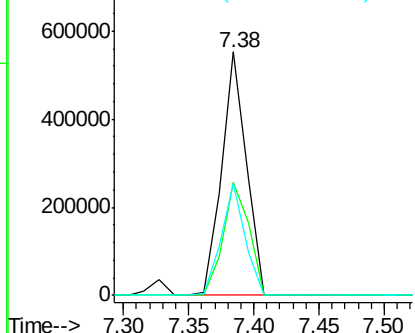
#23
 Nitrobenzene-d5
 Concen: 79.30 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.01 min
 Lab File: BF085847.D
 Acq: 29 Mar 2016 12:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 725434
 Ion Ratio Lower Upper
 82 100
 128 46.4 41.8 62.8
 54 45.7 33.4 50.0

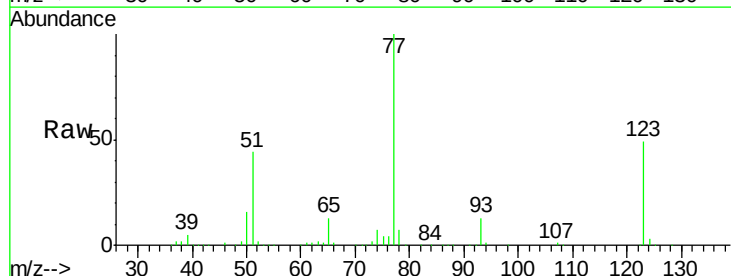


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

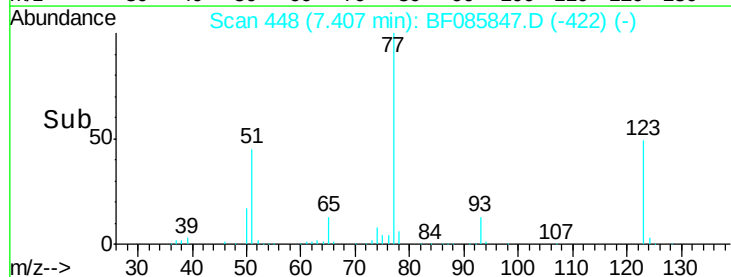
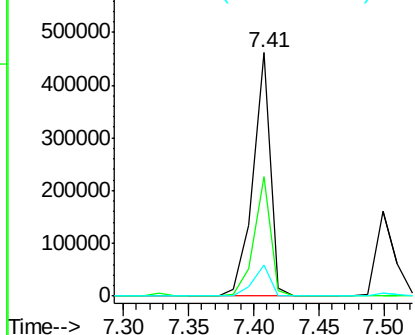


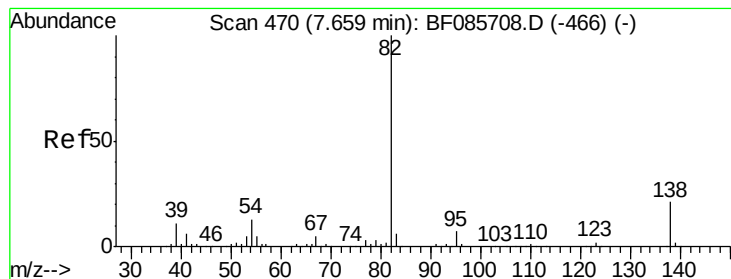
#24
 Nitrobenzene
 Concen: 45.37 ng
 RT: 7.41 min Scan# 448
 Delta R.T. -0.00 min
 Lab File: BF085847.D
 Acq: 29 Mar 2016 12:40

Tgt Ion: 77 Resp: 427893
 Ion Ratio Lower Upper
 77 100
 123 49.2 35.0 52.4
 65 12.8 10.6 16.0



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): BF0
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 43.31 ng

RT: 7.65 min Scan# 469

Delta R.T. -0.01 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Instrument :

BNA_F

ClientSampleId :

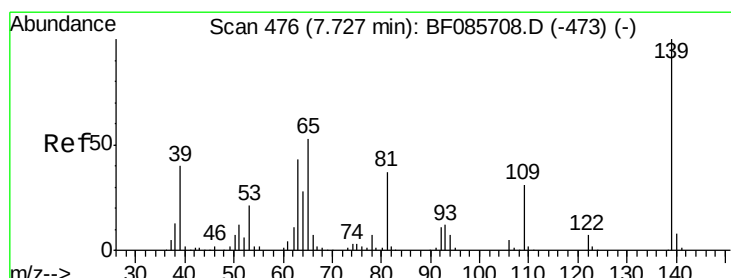
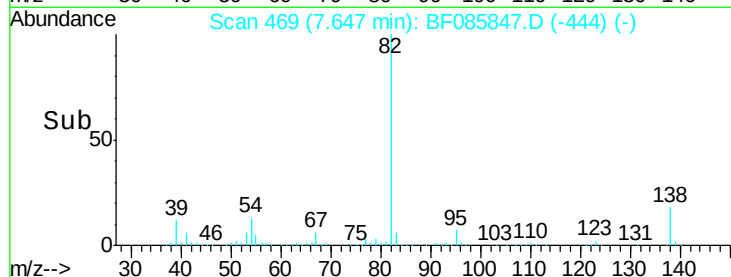
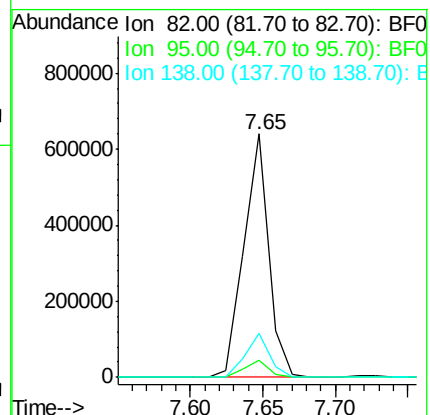
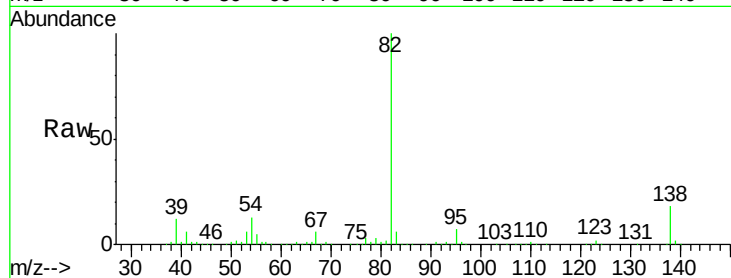
Tot Ion: 82 Resp: 763331

Ion Ratio Lower Upper

82 100

95 7.2 5.4 8.2

138 18.2 12.9 19.3



#26

2-Nitrophenol

Concen: 43.73 ng

RT: 7.73 min Scan# 476

Delta R.T. -0.00 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

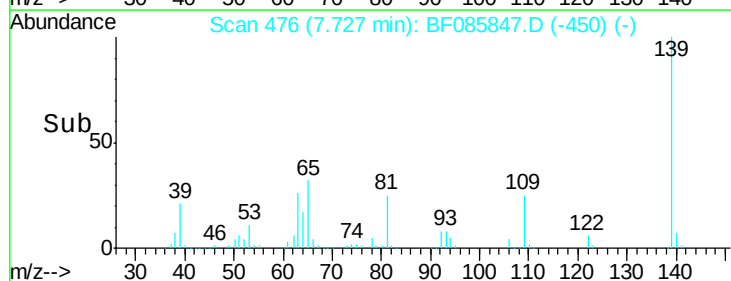
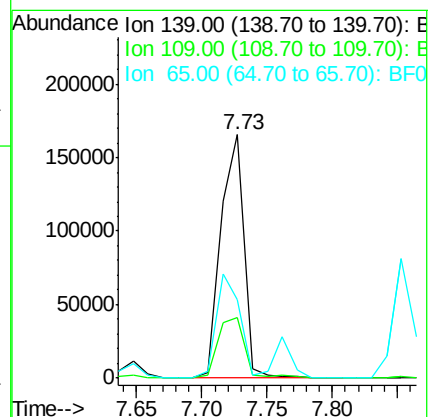
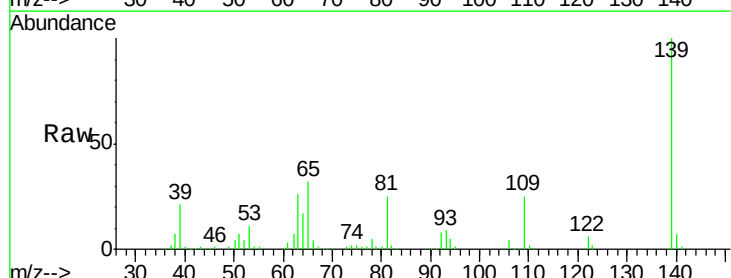
Tgt Ion: 139 Resp: 206324

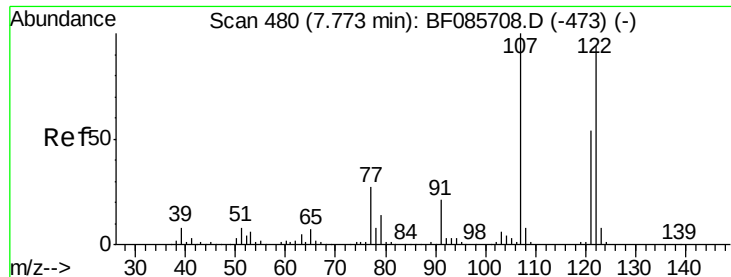
Ion Ratio Lower Upper

139 100

109 24.9 22.1 33.1

65 32.4 33.9 50.9#





#27

2,4-Dimethylphenol

Concen: 36.50 ng

RT: 7.76 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Instrument :

BNA_F

ClientSampled :

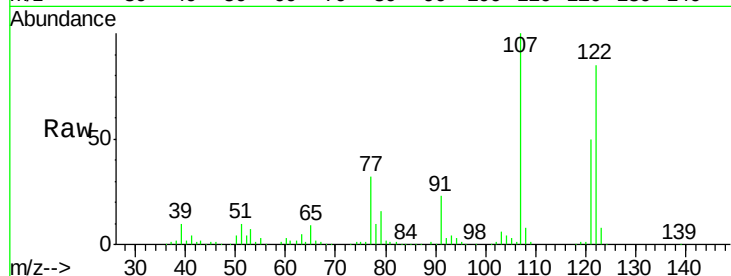
Tot Ion:122 Resp: 301014

Ion Ratio Lower Upper

122 100

107 117.1 93.0 139.6

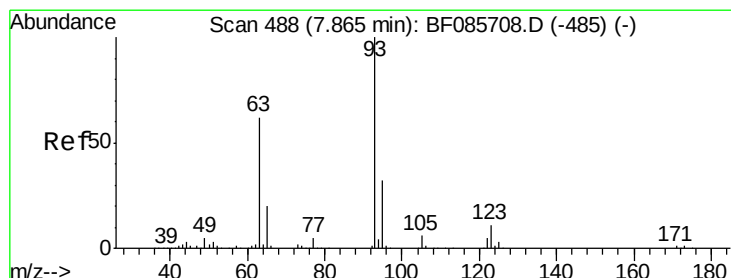
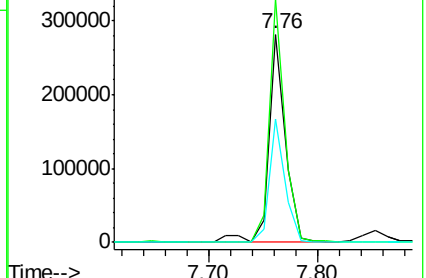
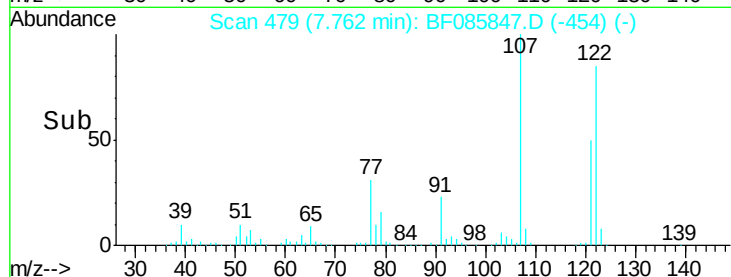
121 59.1 45.9 68.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.89 ng

RT: 7.85 min Scan# 487

Delta R.T. -0.01 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

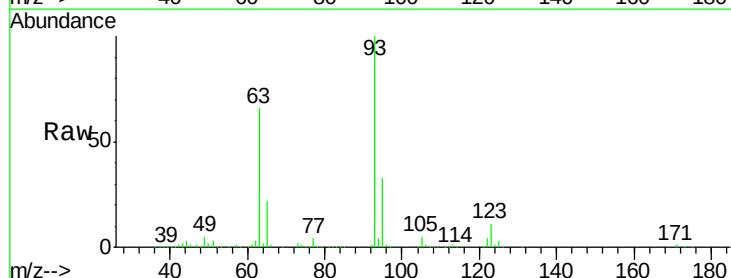
Tgt Ion: 93 Resp: 430686

Ion Ratio Lower Upper

93 100

95 32.8 26.4 39.6

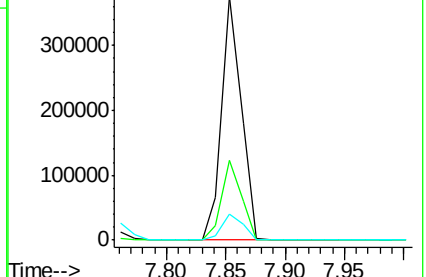
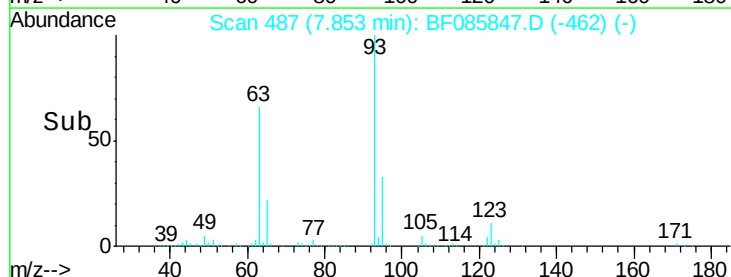
123 10.6 9.8 14.6

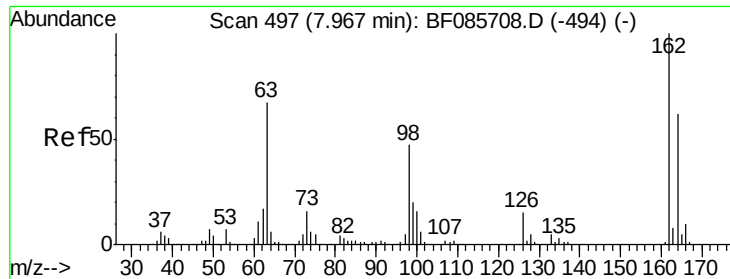


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

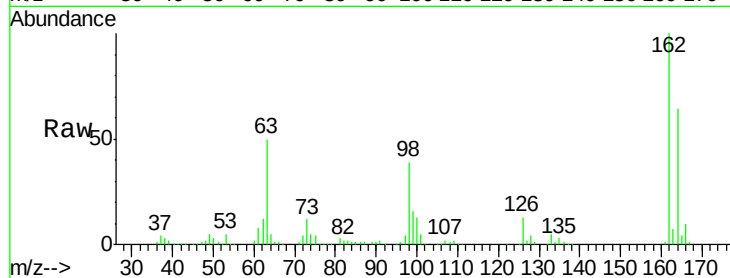




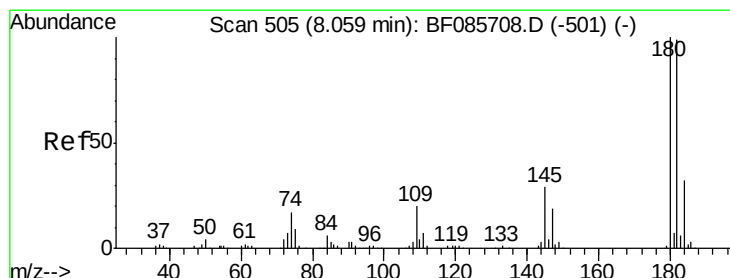
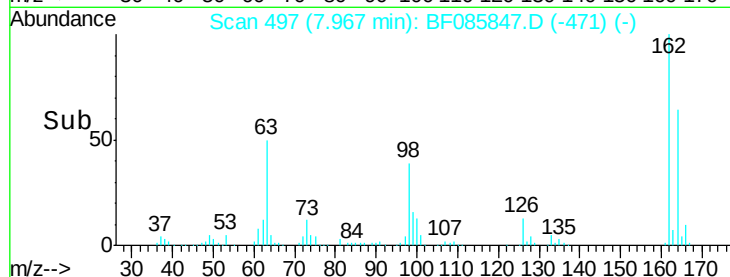
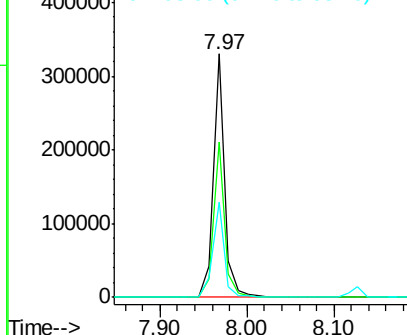
#29
 2,4-Dichlorophenol
 Concen: 43.49 ng
 RT: 7.97 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: BF085847.D
 Acq: 29 Mar 2016 12:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 301474
 Ion Ratio Lower Upper
 162 100
 164 64.0 43.7 83.7
 98 39.1 20.4 60.4

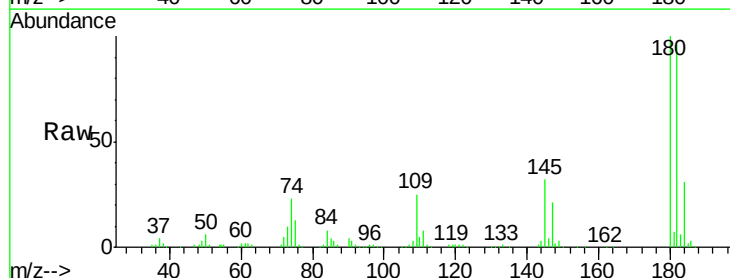


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

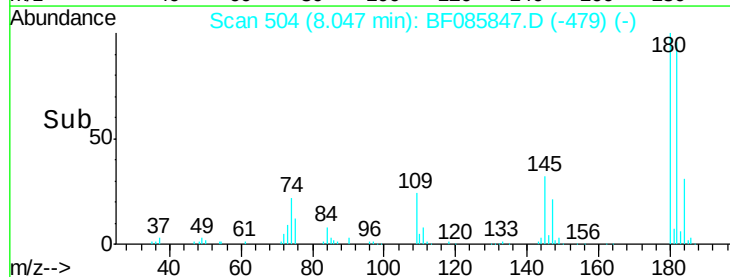
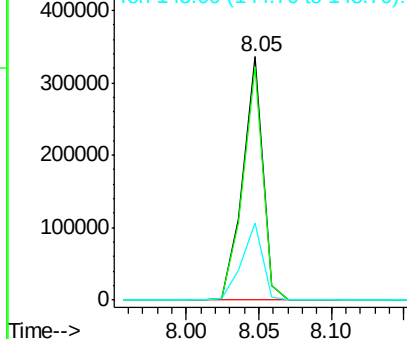


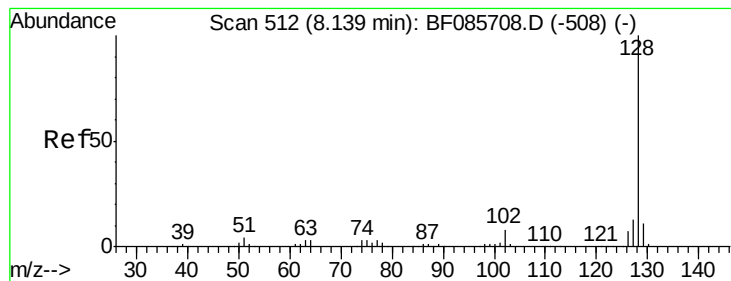
#30
 1,2,4-Trichlorobenzene
 Concen: 42.15 ng
 RT: 8.05 min Scan# 504
 Delta R.T. -0.01 min
 Lab File: BF085847.D
 Acq: 29 Mar 2016 12:40

Tgt Ion:180 Resp: 324418
 Ion Ratio Lower Upper
 180 100
 182 96.1 73.8 110.8
 145 31.8 28.4 42.6



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: 41.67 ng

RT: 8.13 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Instrument :

BNA_F

ClientSampleId :

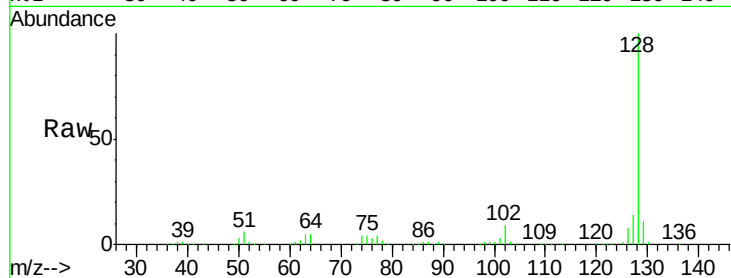
Tot Ion:128 Resp: 1081738

Ion Ratio Lower Upper

128 100

129 11.3 9.4 14.0

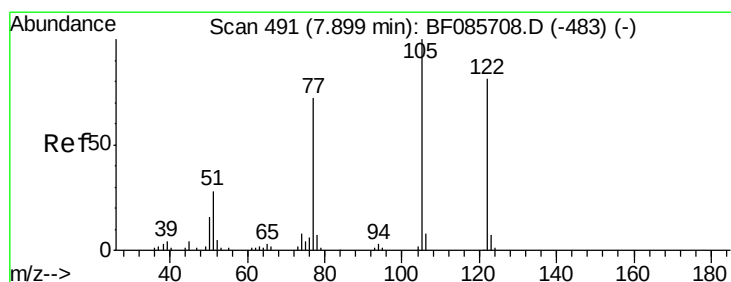
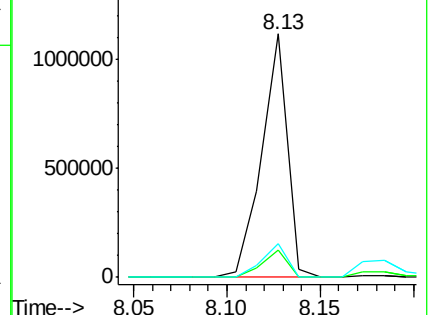
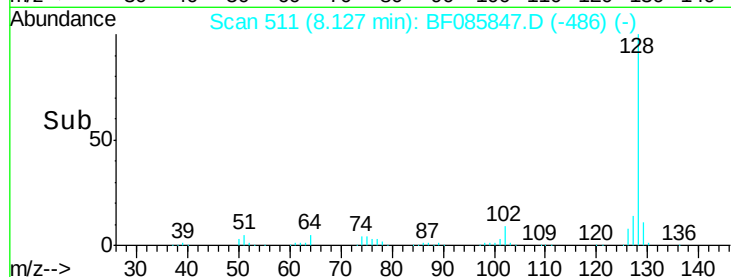
127 13.8 11.0 16.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 6.11 ng

RT: 7.85 min Scan# 487

Delta R.T. -0.05 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

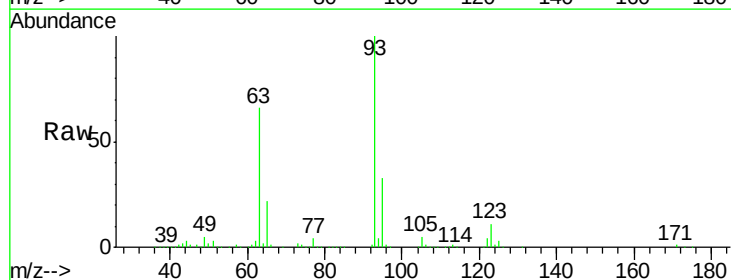
Tgt Ion:122 Resp: 33458

Ion Ratio Lower Upper

122 100

105 120.7 102.9 142.9

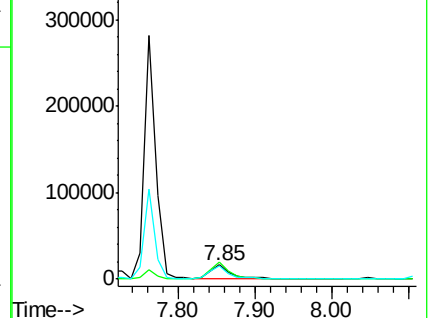
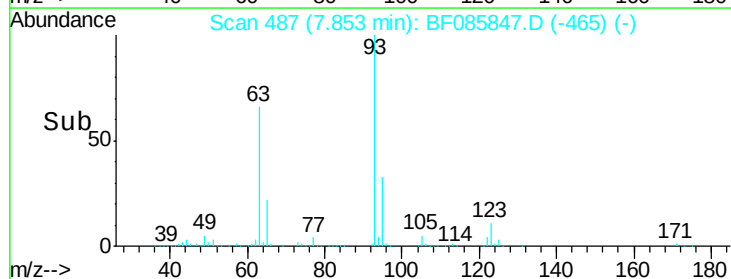
77 93.3 71.8 111.8

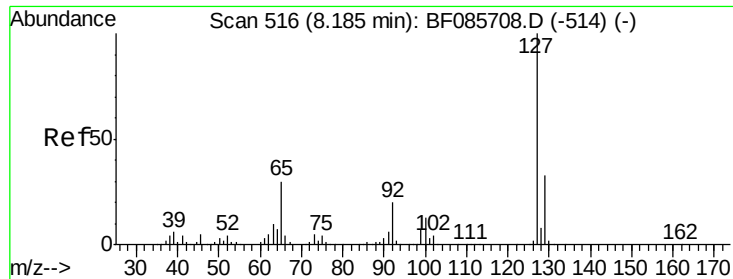


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

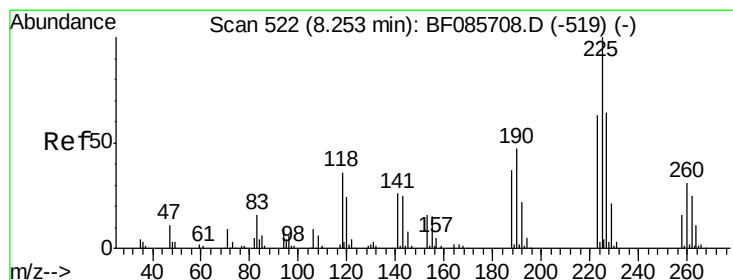
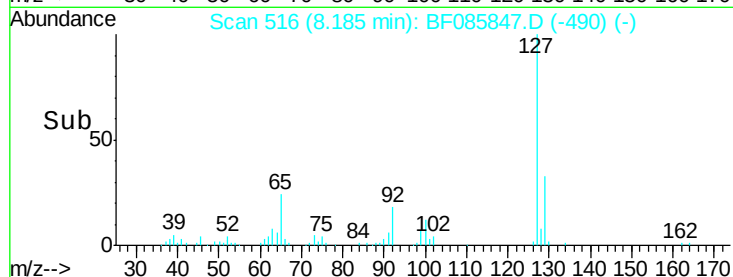
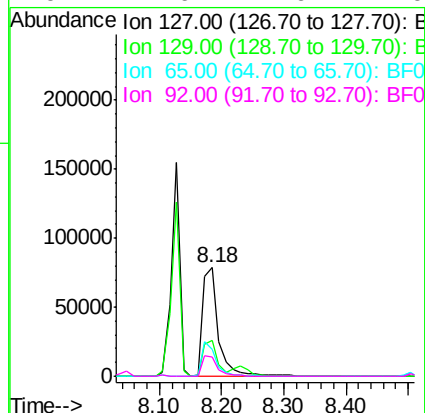
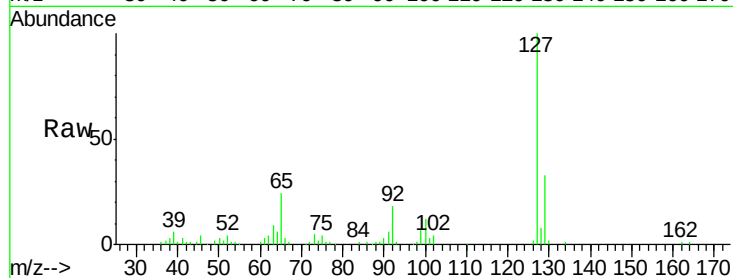




#33
4-Chloroaniline
Concen: 13.32 ng
RT: 8.18 min Scan# 516
Delta R.T. -0.00 min
Lab File: BF085847.D
Acq: 29 Mar 2016 12:40

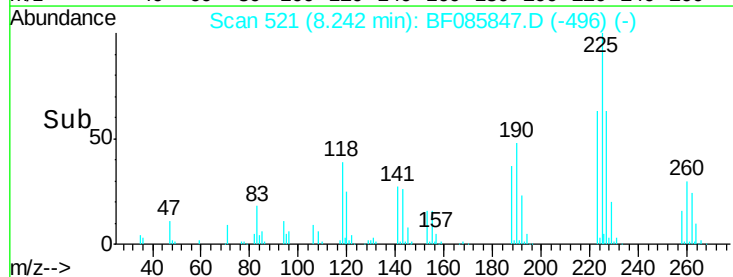
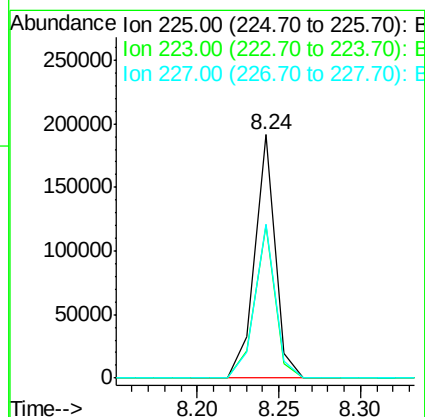
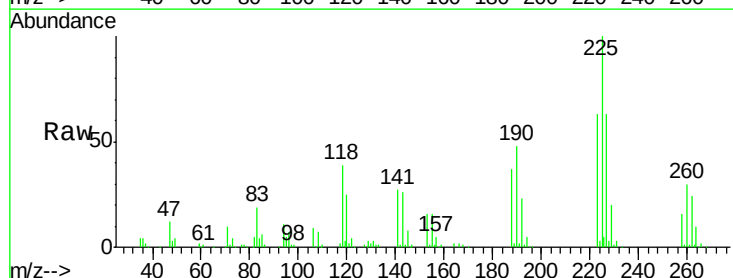
Instrument :
BNA_F
ClientSampled :

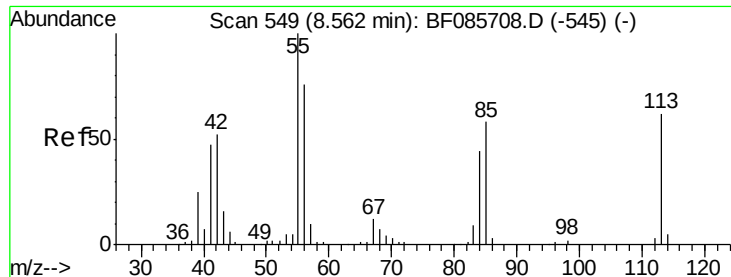
Tot Ion:	127	Resp:	141131
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.1	39.1
65	24.2	19.5	29.3
92	17.6	14.6	22.0



#34
Hexachlorobutadiene
Concen: 40.14 ng
RT: 8.24 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF085847.D
Acq: 29 Mar 2016 12:40

Tgt Ion:	225	Resp:	167931
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.4	75.6
227	63.2	51.4	77.2





#35

Caprolactam

Concen: 24.52 ng

RT: 8.55 min Scan# 548

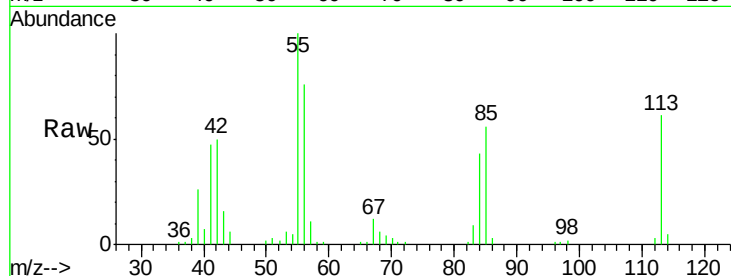
Delta R.T. -0.01 min

Lab File: BF085847.D

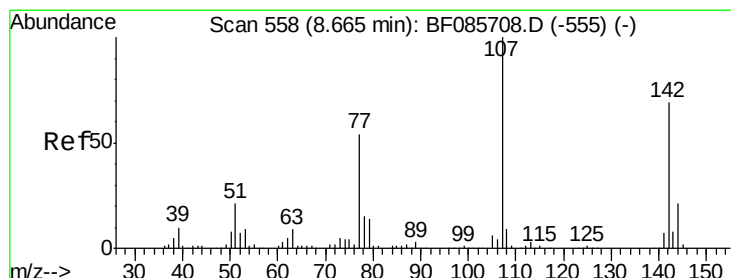
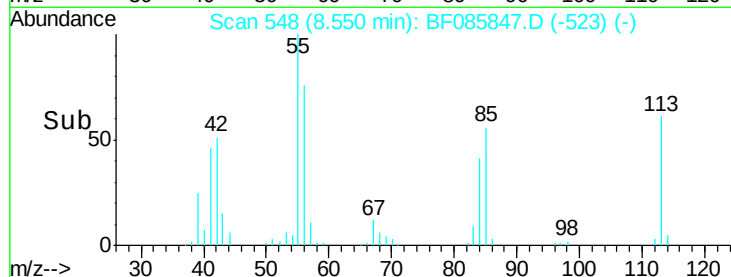
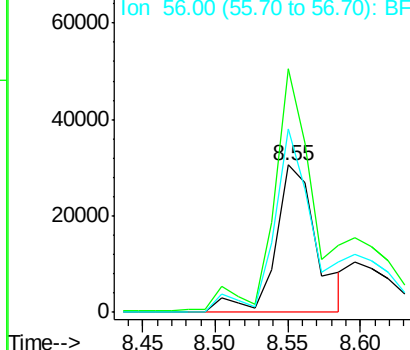
Acq: 29 Mar 2016 12:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 60220
Ion Ratio Lower Upper
113 100
55 165.1 139.4 179.4
56 124.7 100.4 140.4



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: 43.33 ng

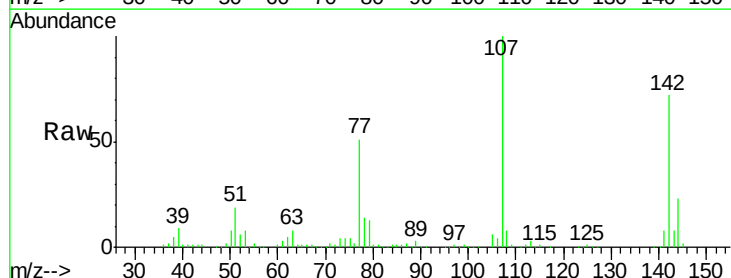
RT: 8.66 min Scan# 558

Delta R.T. -0.00 min

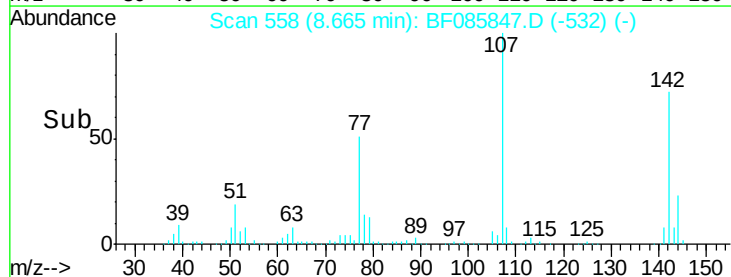
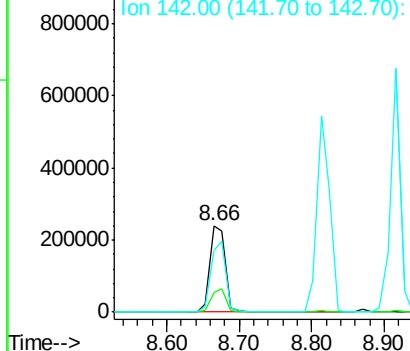
Lab File: BF085847.D

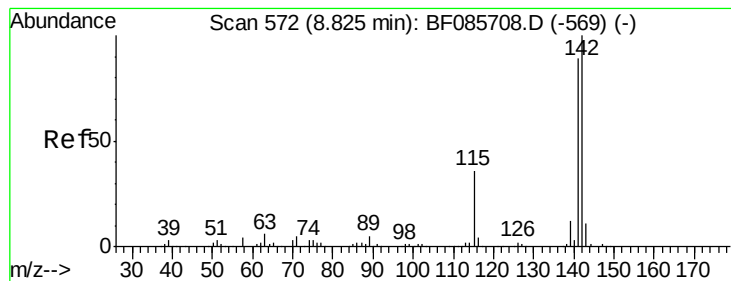
Acq: 29 Mar 2016 12:40

Tgt Ion:107 Resp: 350856
Ion Ratio Lower Upper
107 100
144 23.0 19.3 28.9
142 71.8 61.4 92.0



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: 44.23 ng

RT: 8.81 min Scan# 571

Delta R.T. -0.01 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Instrument :

BNA_F

ClientSampleId :

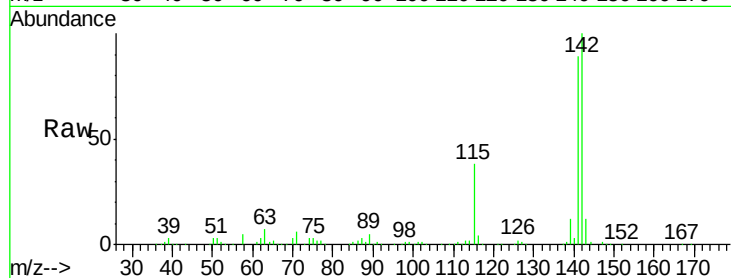
Tot Ion:142 Resp: 672241

Ion Ratio Lower Upper

142 100

141 88.7 71.6 107.4

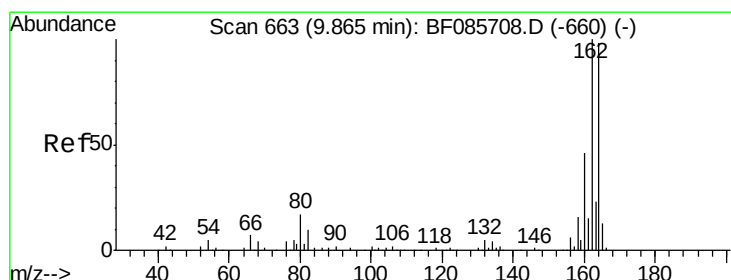
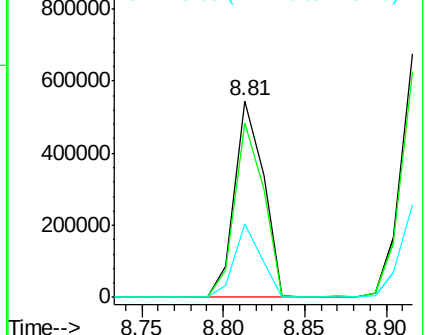
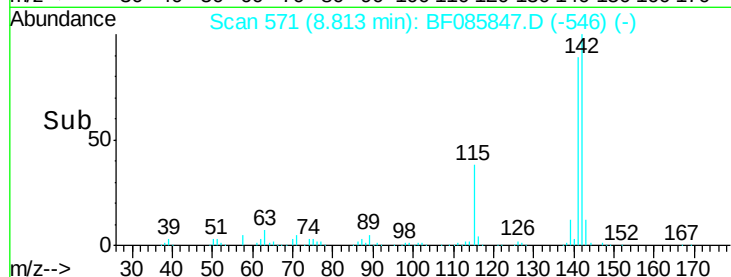
115 37.5 26.8 40.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

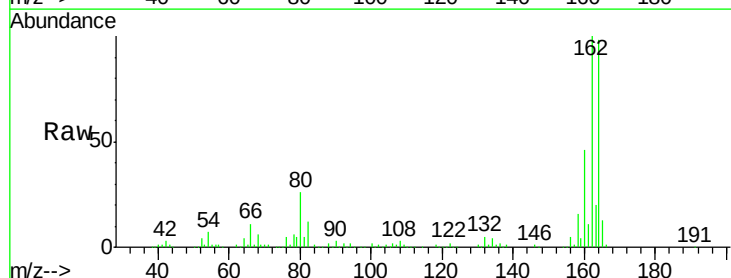
Tgt Ion:164 Resp: 218677

Ion Ratio Lower Upper

164 100

162 101.7 82.1 123.1

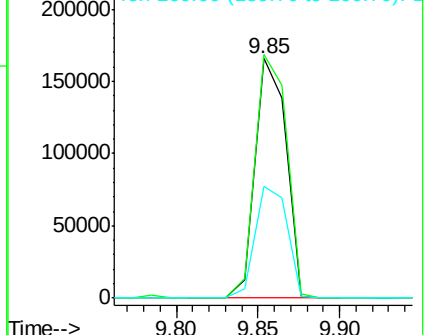
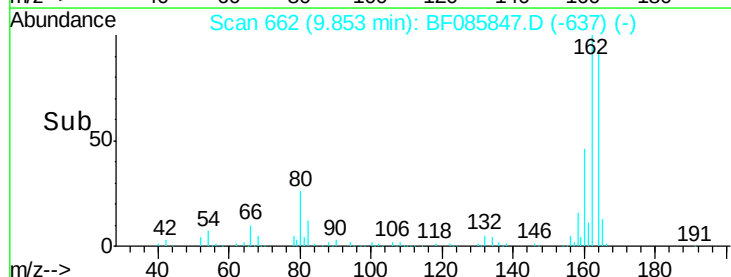
160 46.7 37.4 56.2

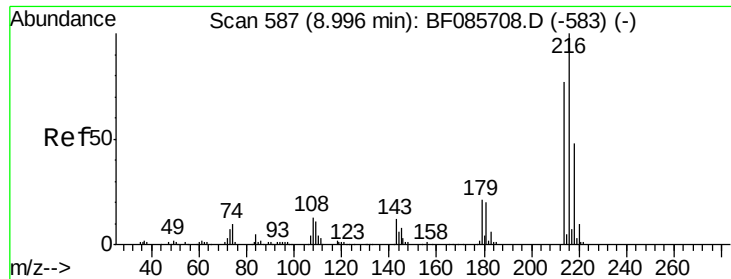


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

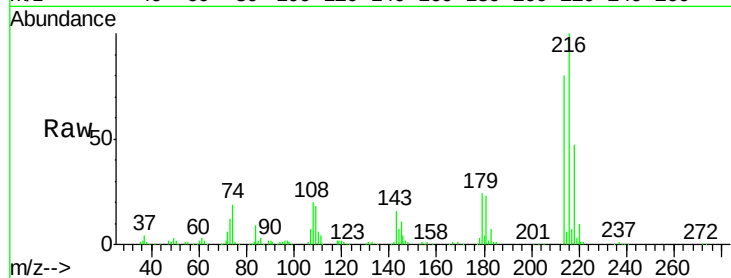




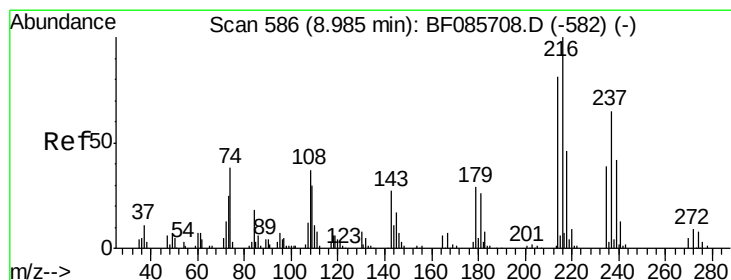
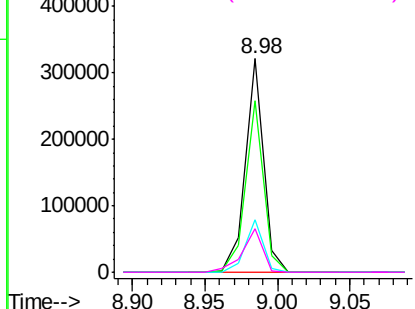
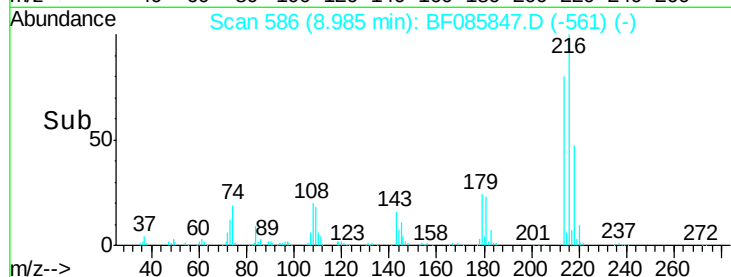
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.35 ng
 RT: 8.98 min Scan# 586
 Delta R.T. -0.01 min
 Lab File: BF085847.D
 Acq: 29 Mar 2016 12:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:216	Resp:	281095
Ion Ratio	Lower	Upper
216	100	
214	79.6	63.1 94.7
179	23.9	18.2 27.2
108	22.7	17.3 25.9

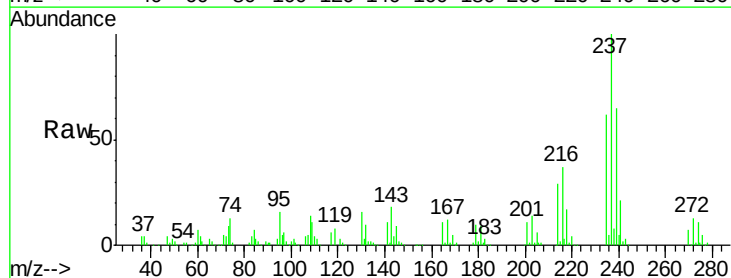


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

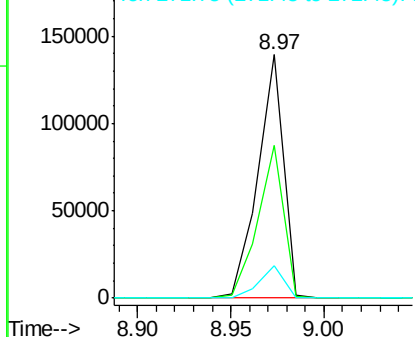
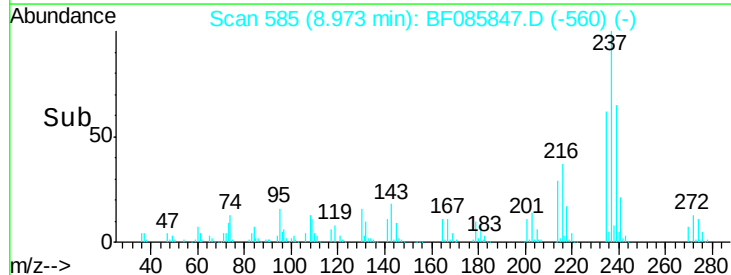


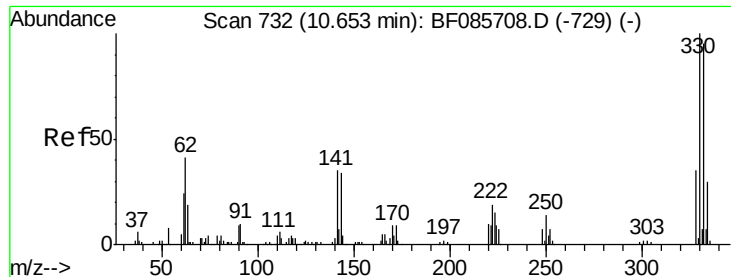
#40
 Hexachlorocyclopentadiene
 Concen: 52.40 ng
 RT: 8.97 min Scan# 585
 Delta R.T. -0.01 min
 Lab File: BF085847.D
 Acq: 29 Mar 2016 12:40

Tgt Ion:237	Resp:	131947
Ion Ratio	Lower	Upper
237	100	
235	62.5	43.7 83.7
272	13.4	0.0 31.9



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

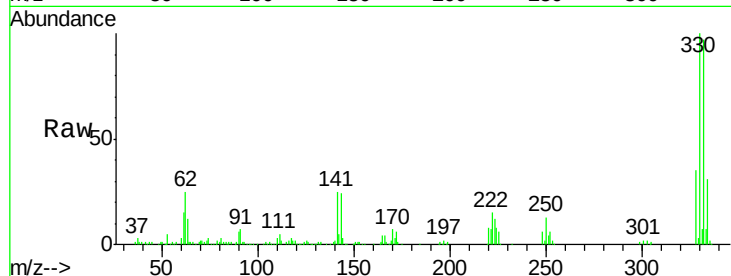




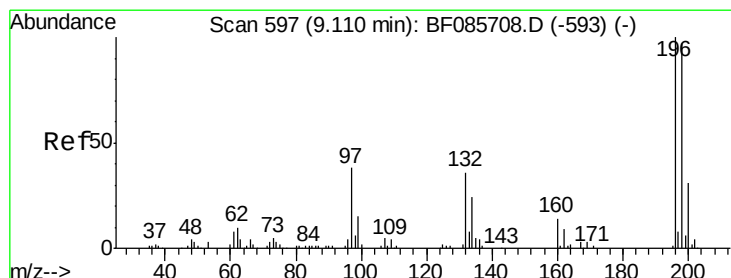
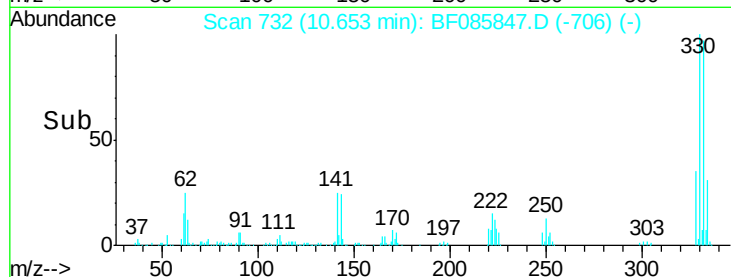
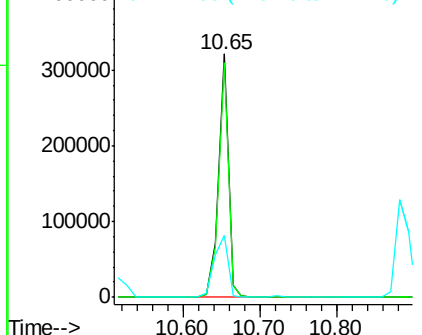
#41
 2,4,6-Tribromophenol
 Concen: 138.94 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF085847.D
 Acq: 29 Mar 2016 12:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 288664
 Ion Ratio Lower Upper
 330 100
 332 96.4 78.2 117.2
 141 35.2 31.5 47.3

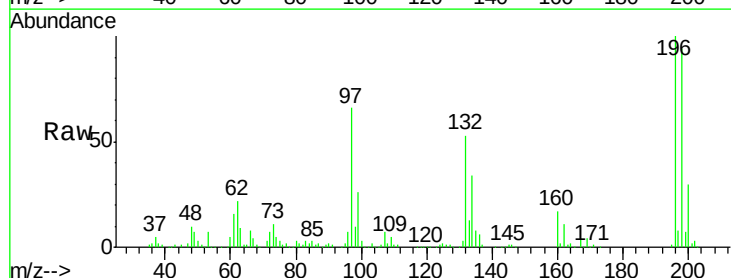


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

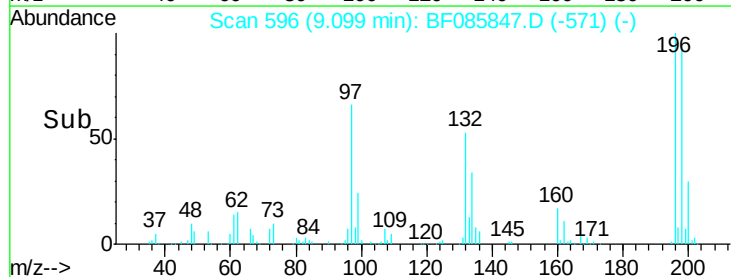
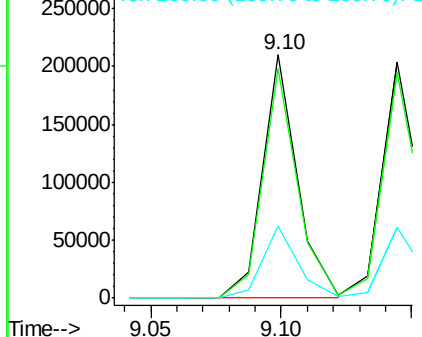


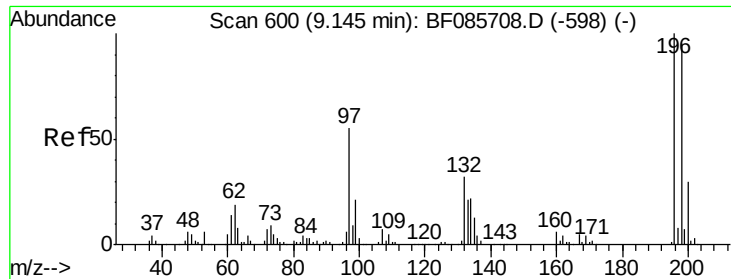
#42
 2,4,6-Trichlorophenol
 Concen: 44.48 ng
 RT: 9.10 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: BF085847.D
 Acq: 29 Mar 2016 12:40

Tgt Ion:196 Resp: 194800
 Ion Ratio Lower Upper
 196 100
 198 94.1 75.3 112.9
 200 29.8 23.7 35.5



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

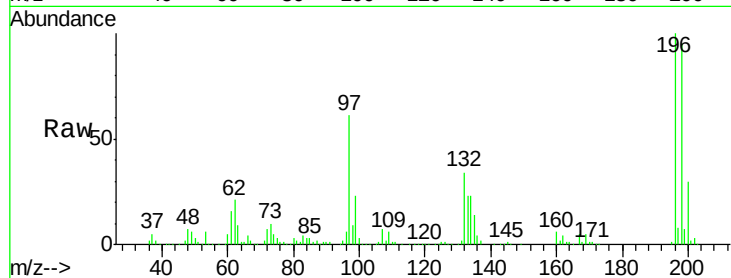




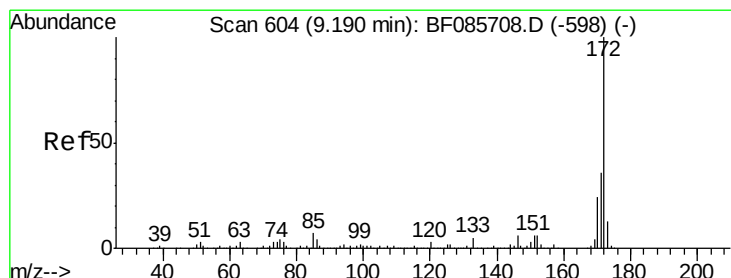
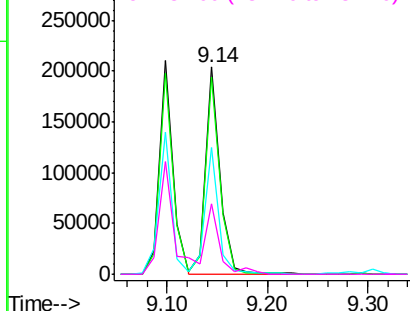
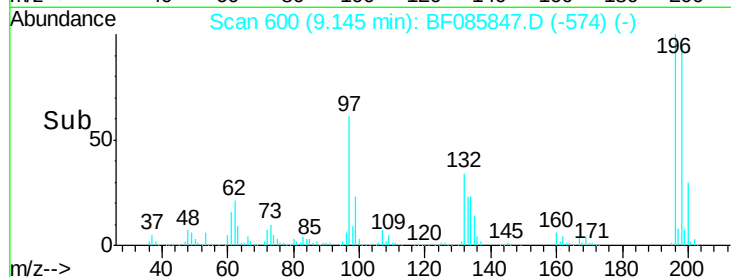
#43
 2,4,5-Trichlorophenol
 Concen: 43.72 ng
 RT: 9.14 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF085847.D
 Acq: 29 Mar 2016 12:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 200828
 Ion Ratio Lower Upper
 196 100
 198 95.4 76.6 114.8
 97 61.2 30.5 45.7#
 132 34.3 20.2 30.2#

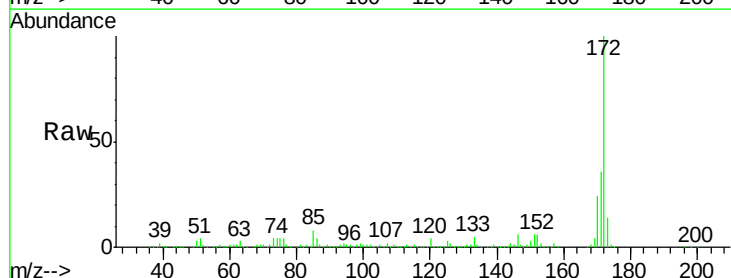


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

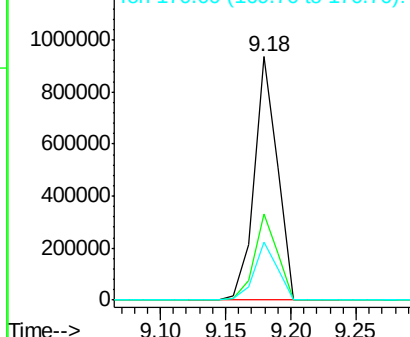
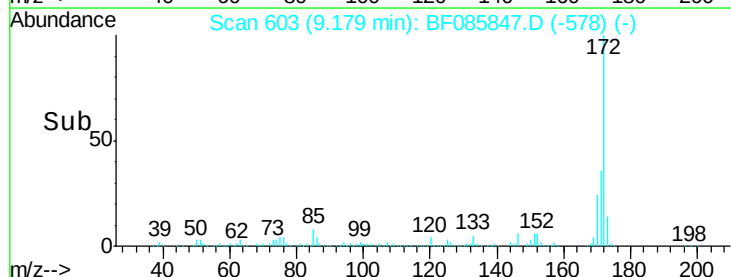


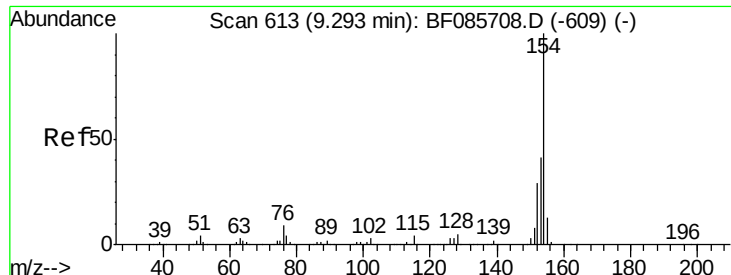
#44
 2-Fluorobiphenyl
 Concen: 88.19 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF085847.D
 Acq: 29 Mar 2016 12:40

Tgt Ion:172 Resp: 1154218
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.4 44.2
 170 24.0 19.8 29.6



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: 41.36 ng

RT: 9.28 min Scan# 612

Delta R.T. -0.01 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Instrument :

BNA_F

ClientSampled :

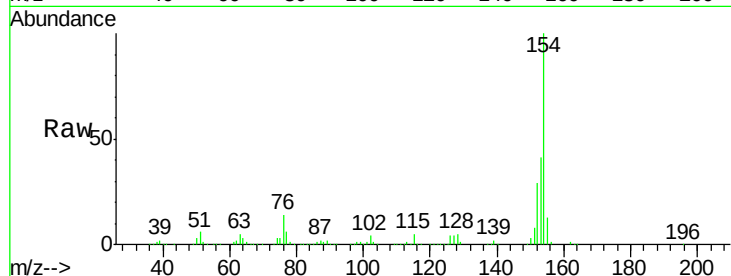
Tot Ion:154 Resp: 763177

Ion Ratio Lower Upper

154 100

153 41.2 20.8 60.8

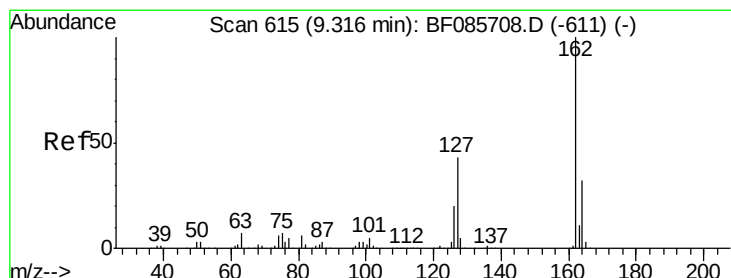
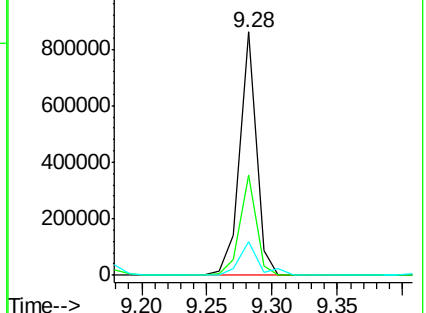
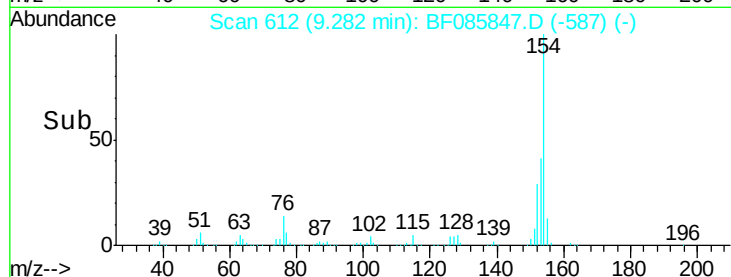
76 13.6 0.0 36.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 42.23 ng

RT: 9.30 min Scan# 614

Delta R.T. -0.01 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

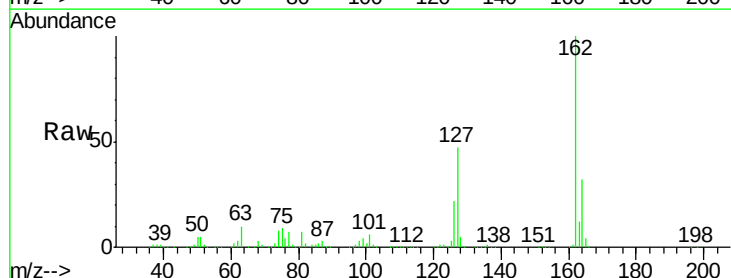
Tgt Ion:162 Resp: 572999

Ion Ratio Lower Upper

162 100

127 47.2 31.7 47.5

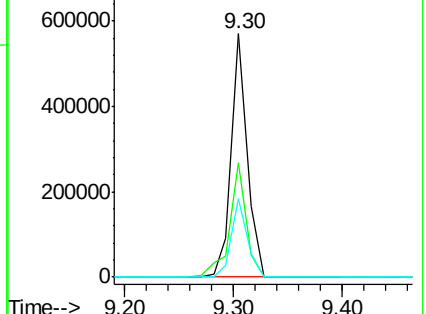
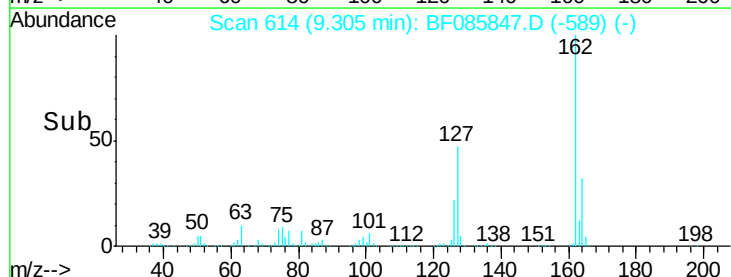
164 32.0 27.3 40.9

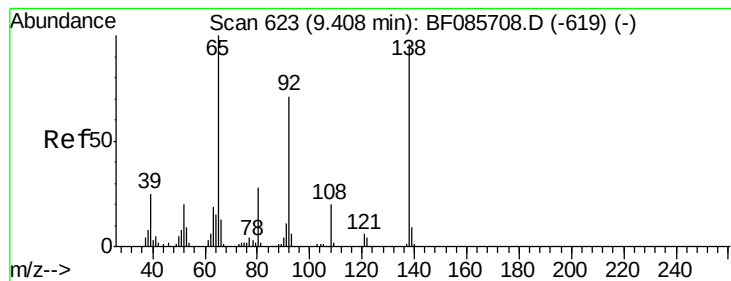


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 47.46 ng

RT: 9.41 min Scan# 623

Delta R.T. -0.00 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Instrument :

BNA_F

ClientSampleId :

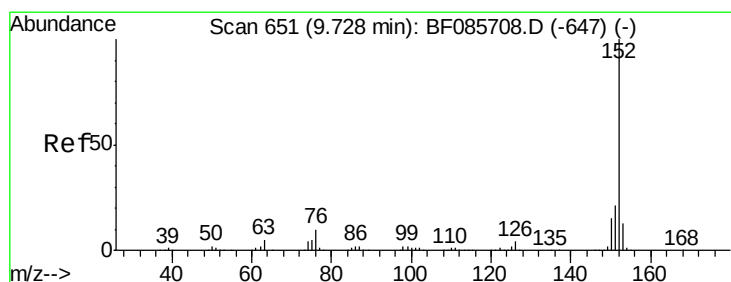
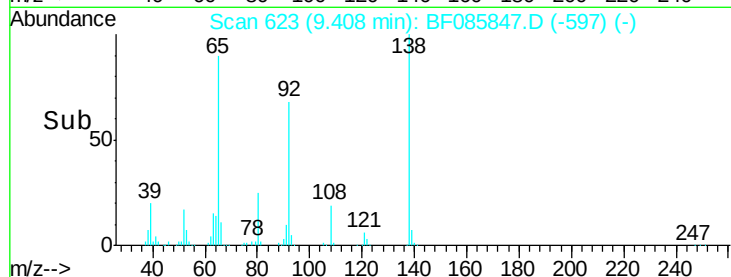
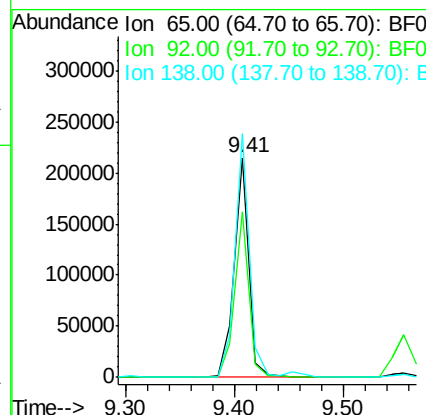
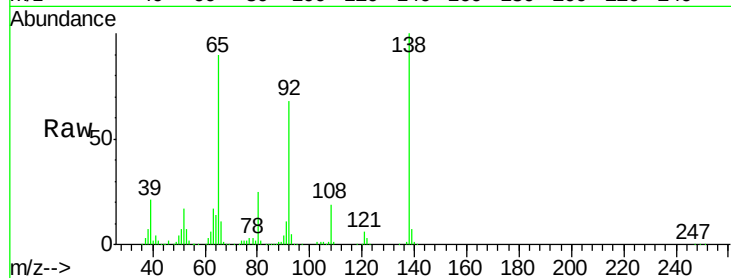
Tot Ion: 65 Resp: 196903

Ion Ratio Lower Upper

65 100

92 75.5 59.7 89.5

138 110.9 91.4 137.0



#48

Acenaphthylene

Concen: 42.84 ng

RT: 9.72 min Scan# 650

Delta R.T. -0.01 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

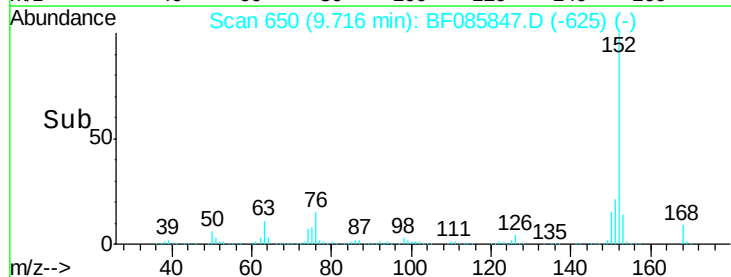
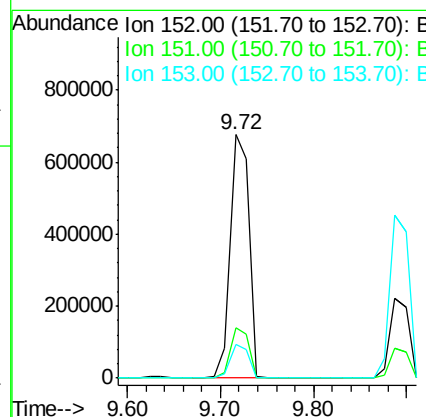
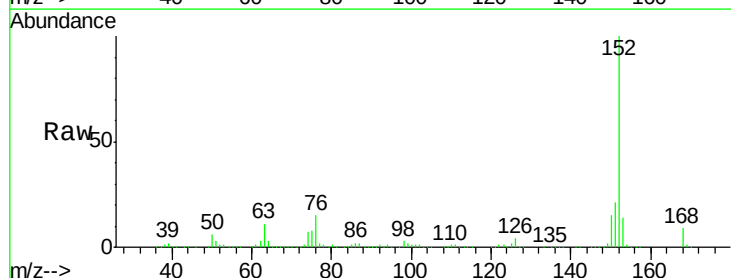
Tgt Ion: 152 Resp: 947122

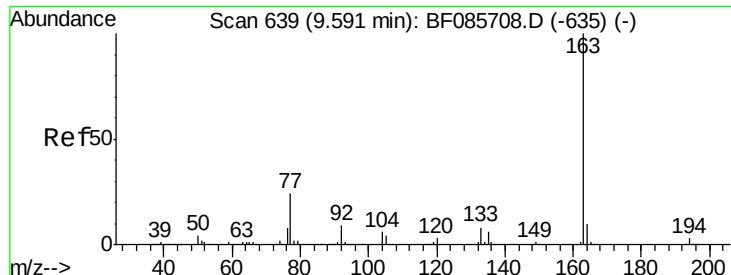
Ion Ratio Lower Upper

152 100

151 20.6 16.8 25.2

153 13.7 10.9 16.3

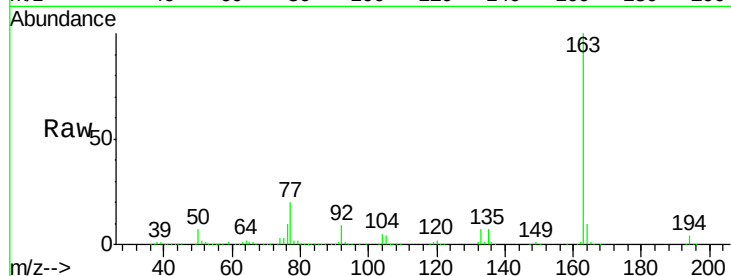




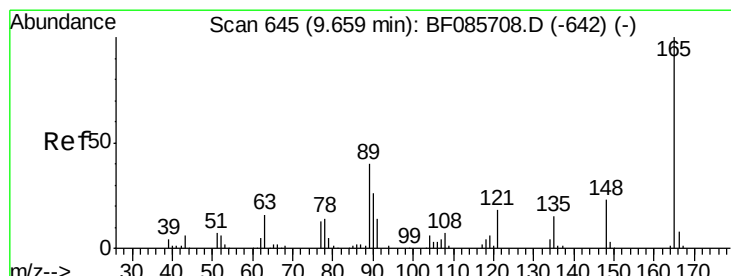
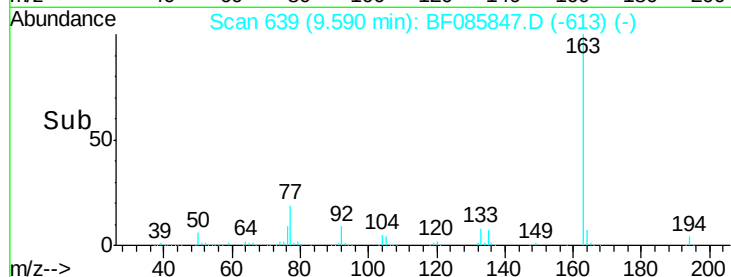
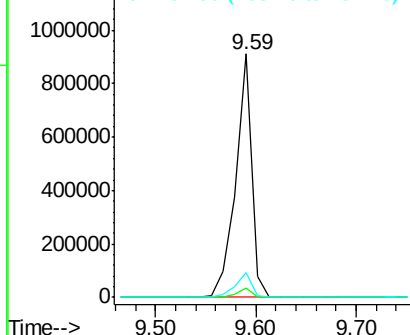
#49
Dimethylphthalate
Concen: 60.75 ng
RT: 9.59 min Scan# 639
Delta R.T. -0.00 min
Lab File: BF085847.D
Acq: 29 Mar 2016 12:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1007920
Ion Ratio Lower Upper
163 100
194 3.7 2.9 4.3
164 10.3 8.3 12.5

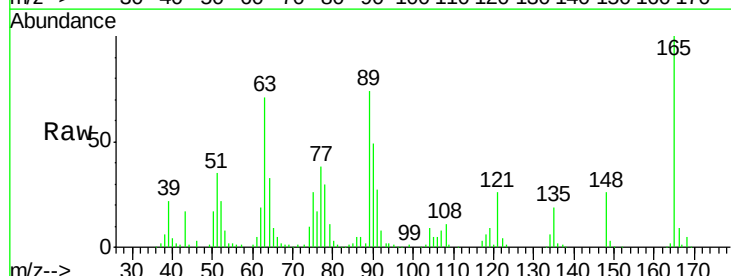


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

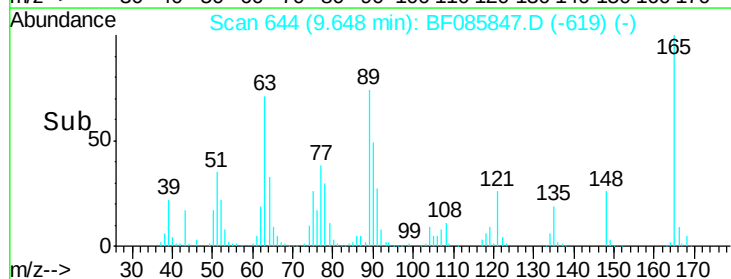
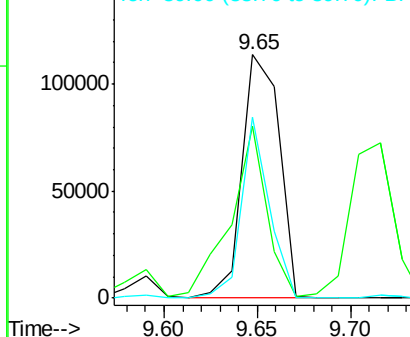


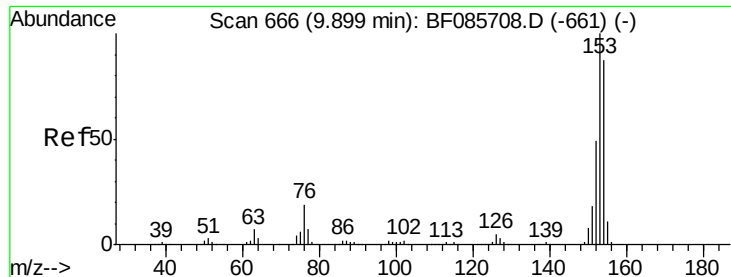
#50
2,6-Dinitrotoluene
Concen: 43.85 ng
RT: 9.65 min Scan# 644
Delta R.T. -0.01 min
Lab File: BF085847.D
Acq: 29 Mar 2016 12:40

Tgt Ion:165 Resp: 156591
Ion Ratio Lower Upper
165 100
63 70.5 51.8 77.8
89 74.4 53.7 80.5



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





#51

Acenaphthene

Concen: 41.61 ng

RT: 9.89 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Instrument :

BNA_F

ClientSampled :

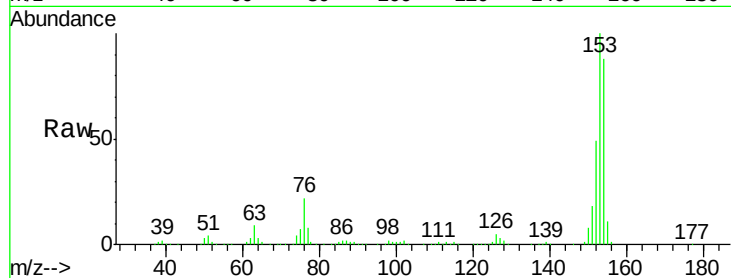
Tot Ion:154 Resp: 561917

Ion Ratio Lower Upper

154 100

153 113.9 90.1 135.1

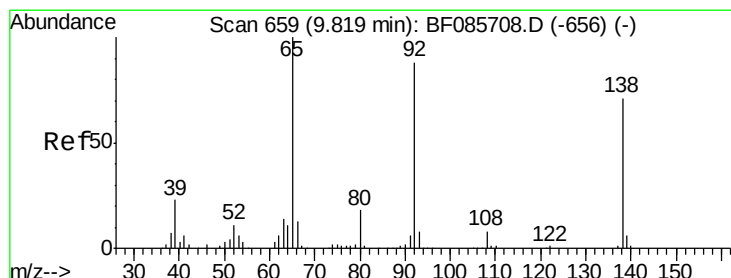
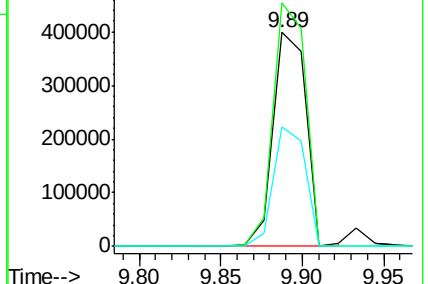
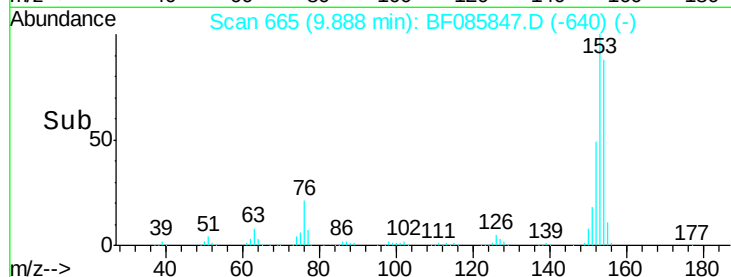
152 55.6 44.2 66.2



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: 29.97 ng

RT: 9.82 min Scan# 659

Delta R.T. -0.00 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

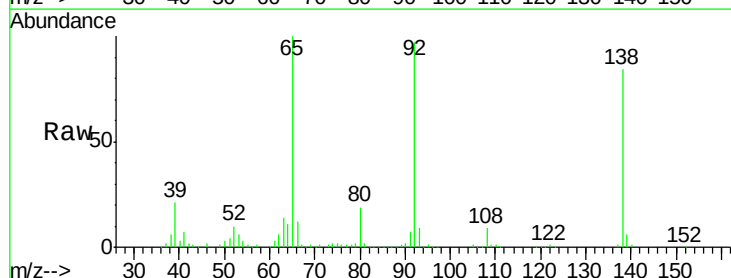
Tgt Ion:138 Resp: 122502

Ion Ratio Lower Upper

138 100

108 10.3 8.7 13.1

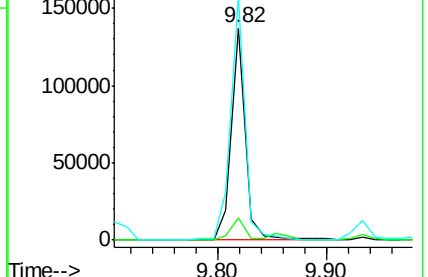
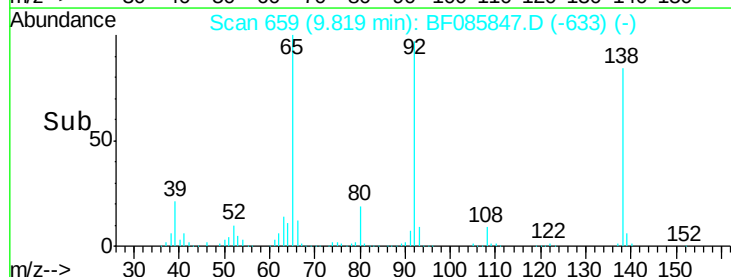
92 114.7 93.3 139.9

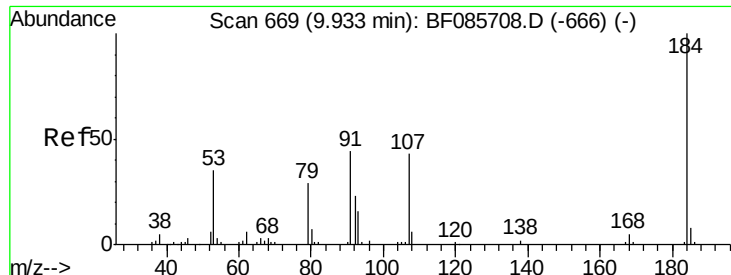


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

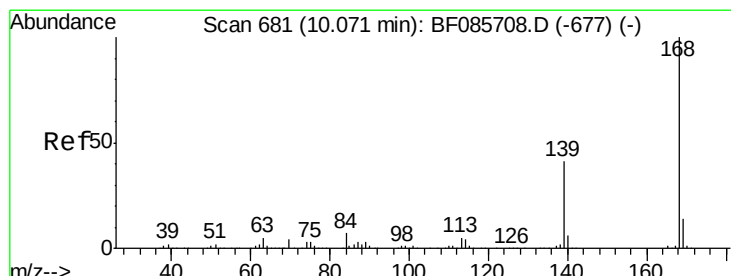
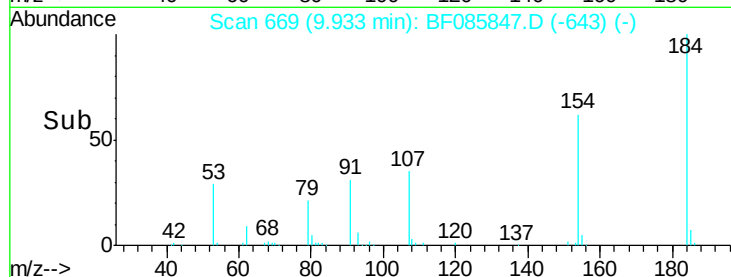
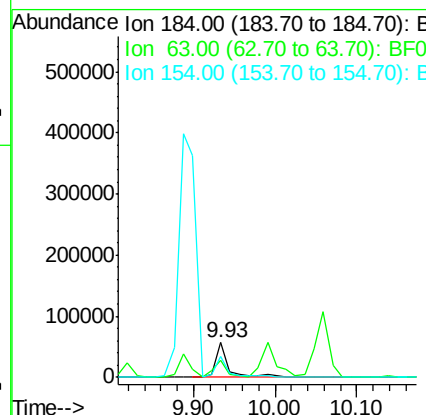
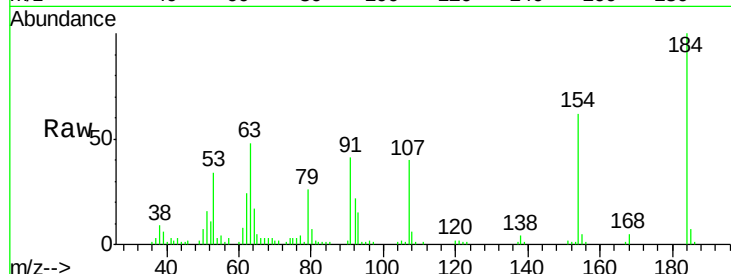




#53
2,4-Dinitrophenol
Concen: 36.89 ng
RT: 9.93 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF085847.D
Acq: 29 Mar 2016 12:40

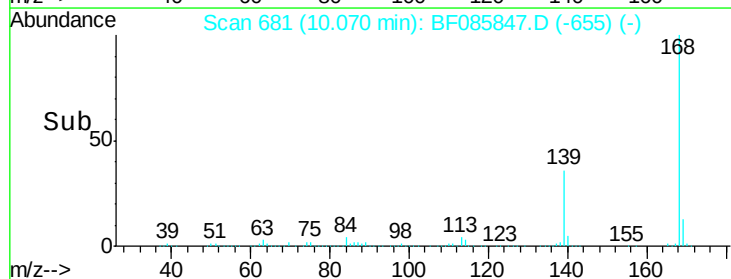
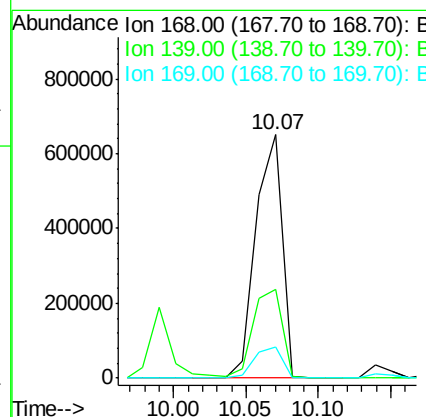
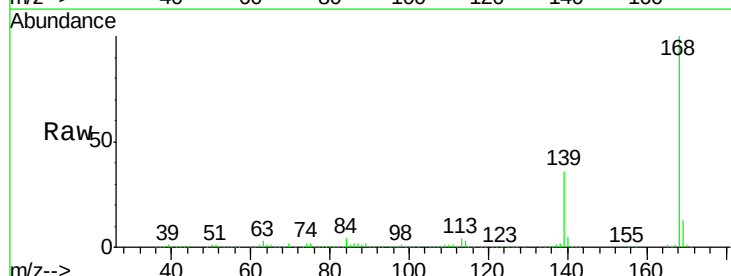
Instrument :
BNA_F
ClientSampled :

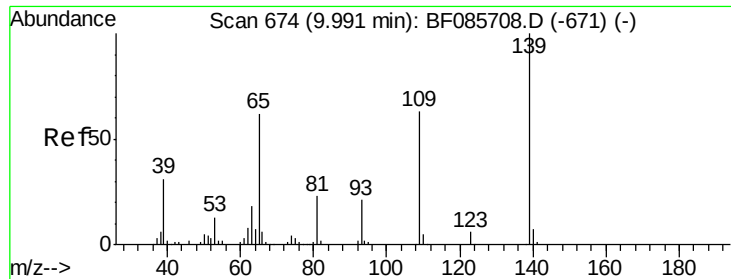
Tot Ion:184 Resp: 60200
Ion Ratio Lower Upper
184 100
63 48.3 69.5 104.3#
154 61.6 58.3 87.5



#54
Dibenzofuran
Concen: 46.88 ng
RT: 10.07 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF085847.D
Acq: 29 Mar 2016 12:40

Tgt Ion:168 Resp: 819431
Ion Ratio Lower Upper
168 100
139 36.4 31.9 47.9
169 13.0 11.0 16.6

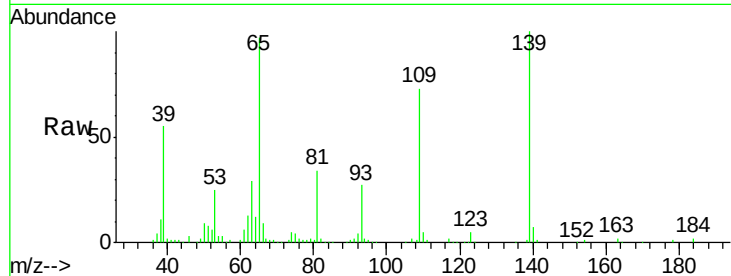




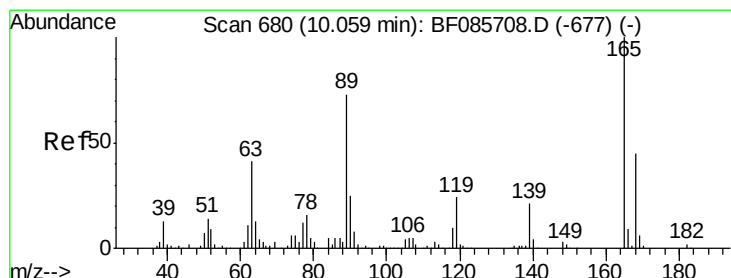
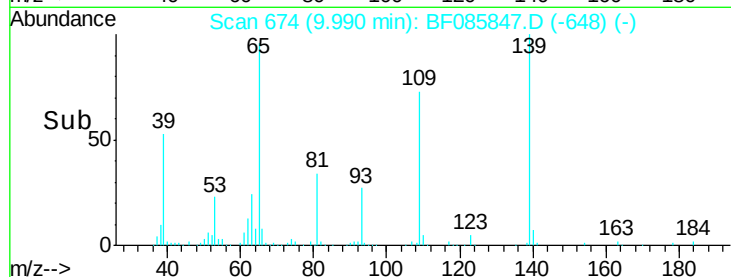
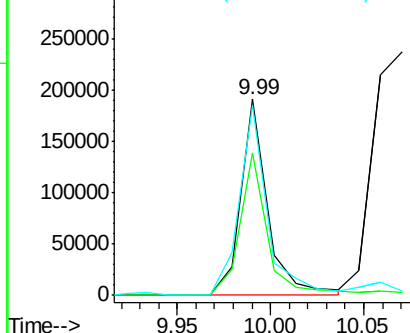
#55
4-Nitrophenol
Concen: 72.48 ng
RT: 9.99 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF085847.D
Acq: 29 Mar 2016 12:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 193009
Ion Ratio Lower Upper
139 100
109 72.9 49.2 89.2
65 96.7 66.9 106.9

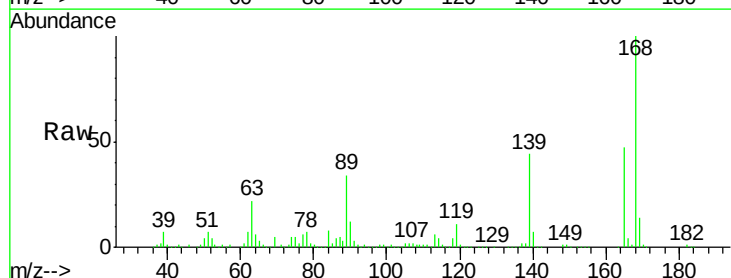


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

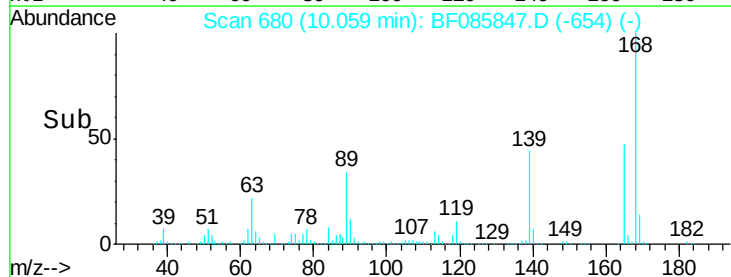
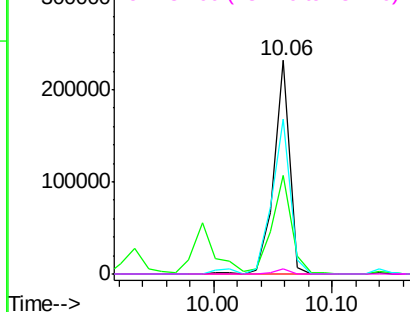


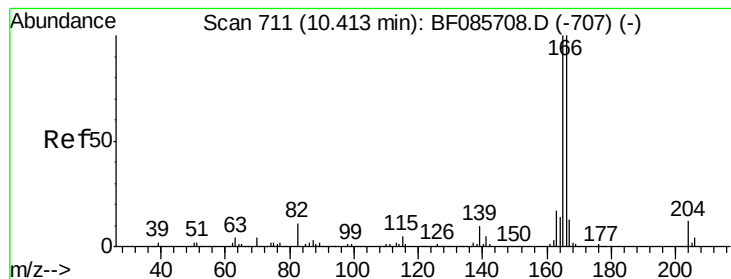
#56
2,4-Dinitrotoluene
Concen: 47.30 ng
RT: 10.06 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF085847.D
Acq: 29 Mar 2016 12:40

Tgt Ion:165 Resp: 214680
Ion Ratio Lower Upper
165 100
63 46.1 24.9 37.3#
89 72.3 41.0 61.6#
182 2.5 2.1 3.1



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: 42.39 ng

RT: 10.41 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Instrument :

BNA_F

ClientSampleId :

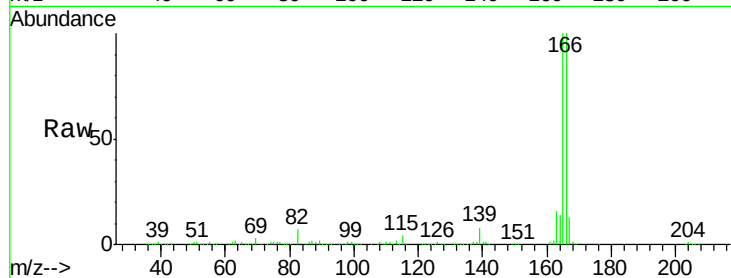
Tot Ion:166 Resp: 615980

Ion Ratio Lower Upper

166 100

165 100.2 79.4 119.0

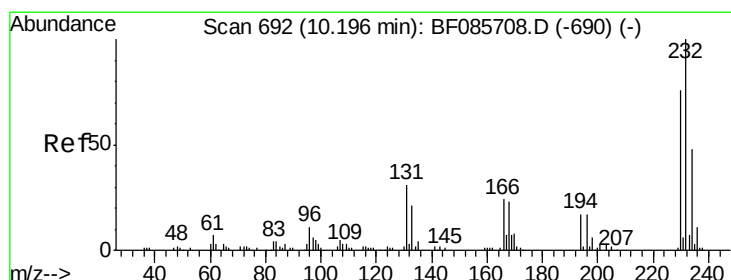
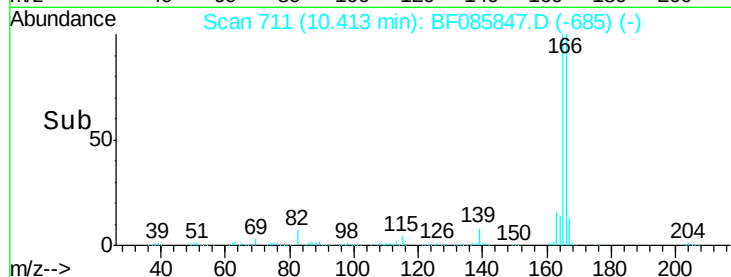
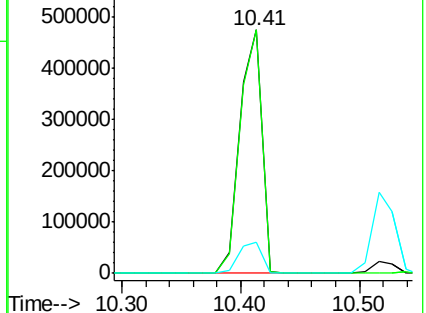
167 12.9 11.0 16.4



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: 48.67 ng

RT: 10.18 min Scan# 691

Delta R.T. -0.01 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Tgt Ion:232 Resp: 155366

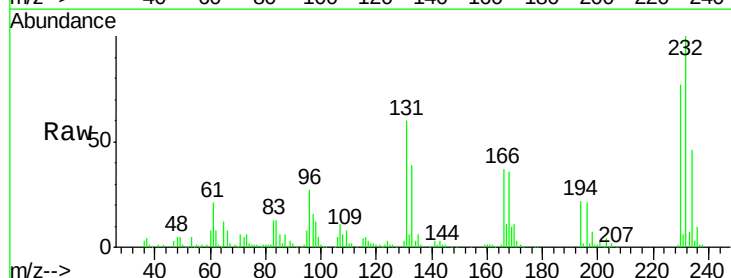
Ion Ratio Lower Upper

232 100

131 53.0 44.9 67.3

130 2.7 2.3 3.5

166 32.1 28.1 42.1

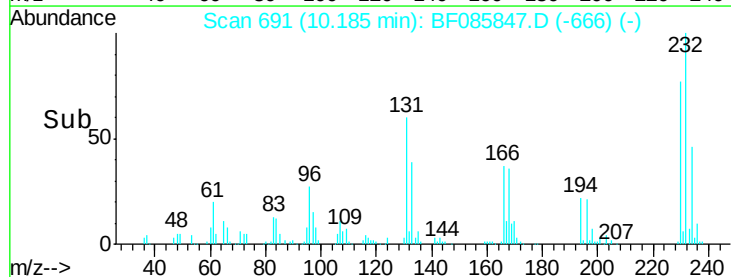
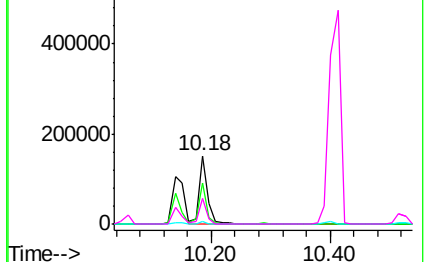


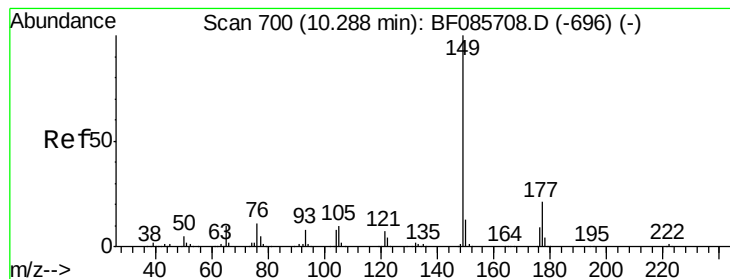
Abundance Ion 232.00 (231.70 to 232.70): E

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: 47.14 ng

RT: 10.29 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Instrument :

BNA_F

ClientSampled :

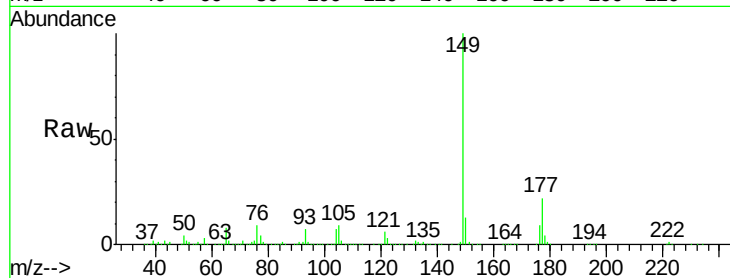
Tot Ion:149 Resp: 772770

Ion Ratio Lower Upper

149 100

177 22.4 17.9 26.9

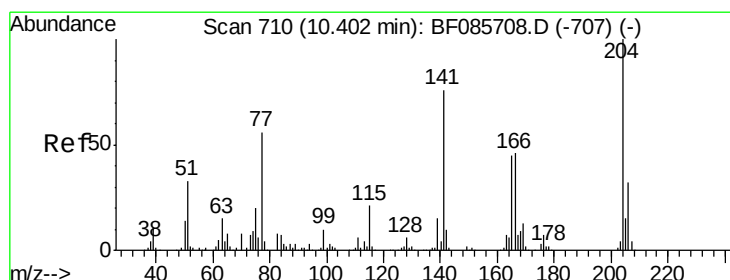
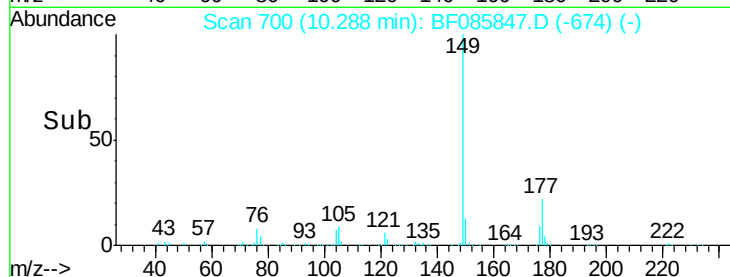
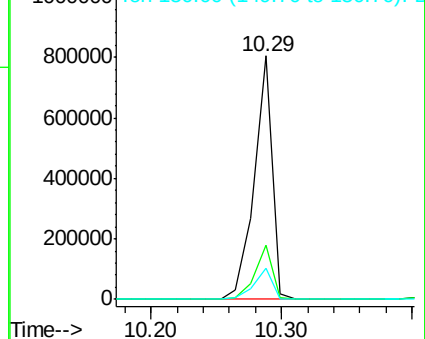
150 12.7 10.2 15.2



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: 46.08 ng

RT: 10.40 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

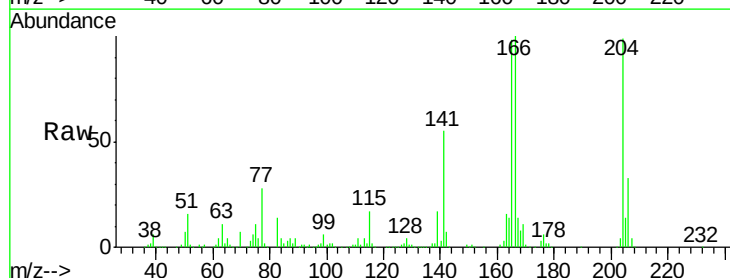
Tgt Ion:204 Resp: 327363

Ion Ratio Lower Upper

204 100

206 33.5 26.6 39.8

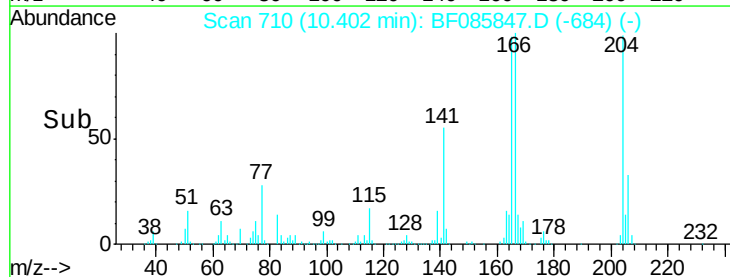
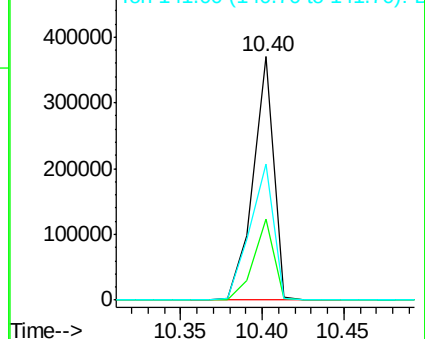
141 55.7 57.4 86.0#

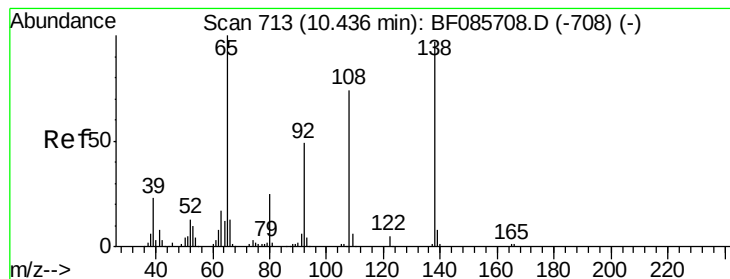


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 41.75 ng

RT: 10.44 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Instrument :

BNA_F

ClientSampleId :

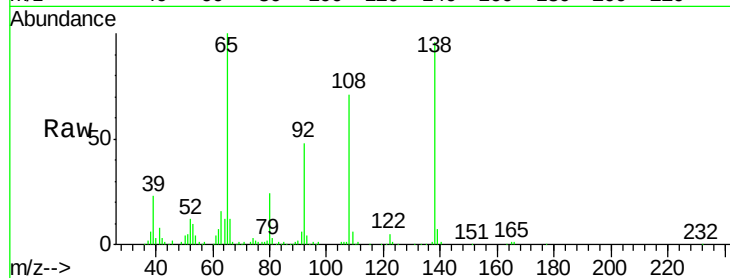
Tot Ion:138 Resp: 163247

Ion Ratio Lower Upper

138 100

92 49.7 26.4 66.4

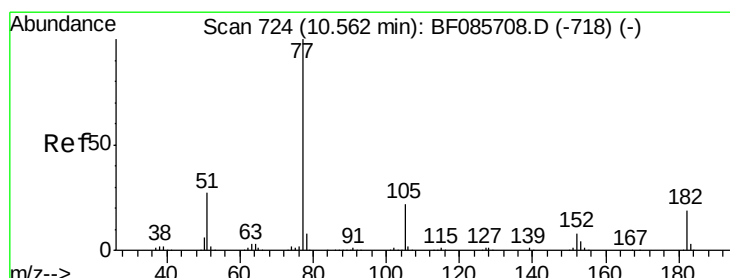
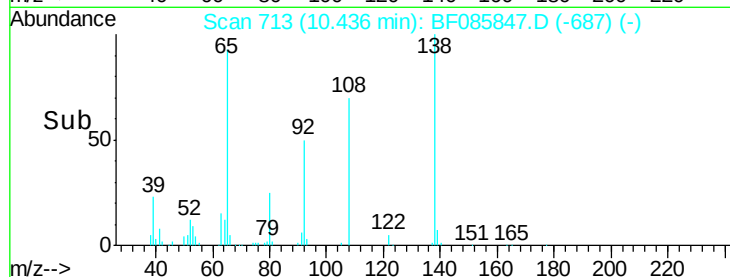
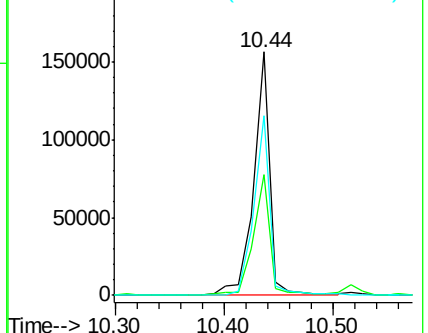
108 74.0 49.0 89.0



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: 48.67 ng

RT: 10.56 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Tgt Ion: 77 Resp: 766581

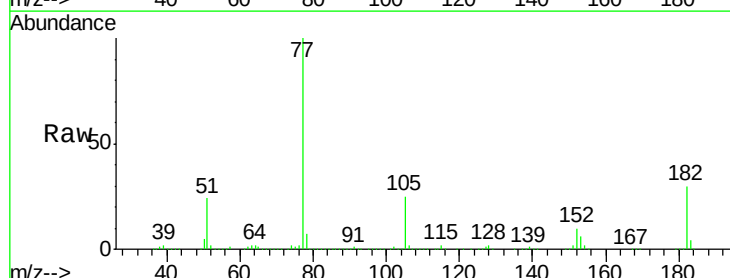
Ion Ratio Lower Upper

77 100

182 29.7 1.9 41.9

105 25.5 3.5 43.5

51 23.7 6.3 46.3

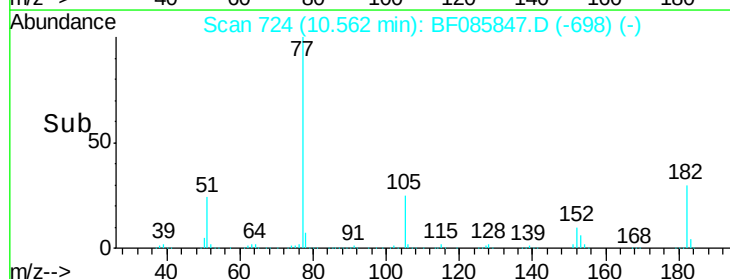
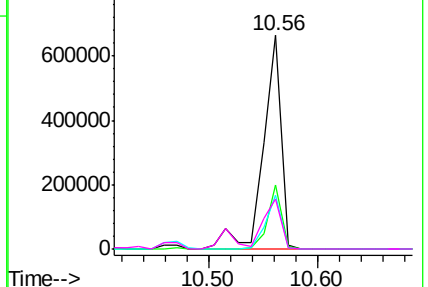


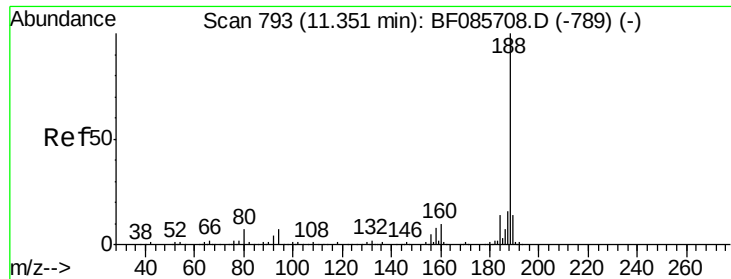
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 792

Delta R.T. -0.01 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Instrument :

BNA_F

ClientSampleId :

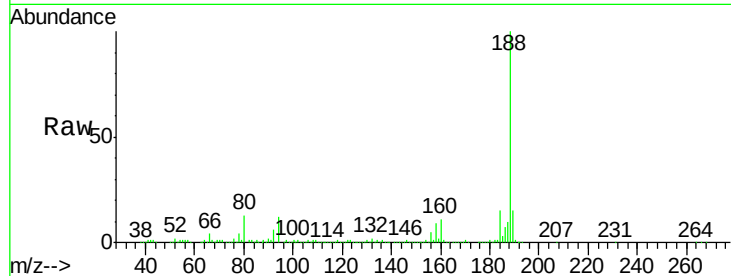
Tot Ion:188 Resp: 389318

Ion Ratio Lower Upper

188 100

94 11.6 5.4 8.0#

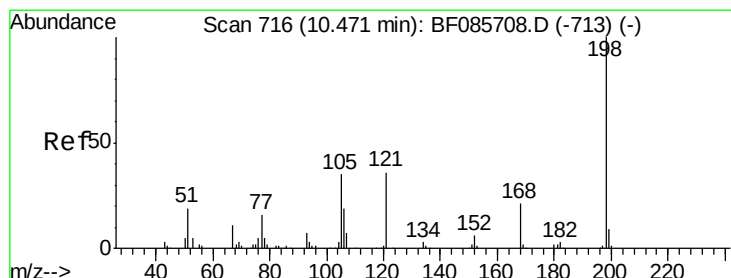
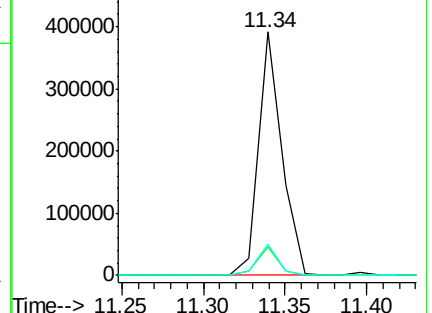
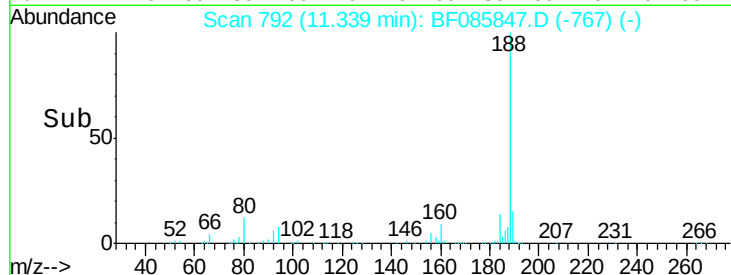
80 12.6 5.5 8.3#



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: 29.31 ng

RT: 10.47 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

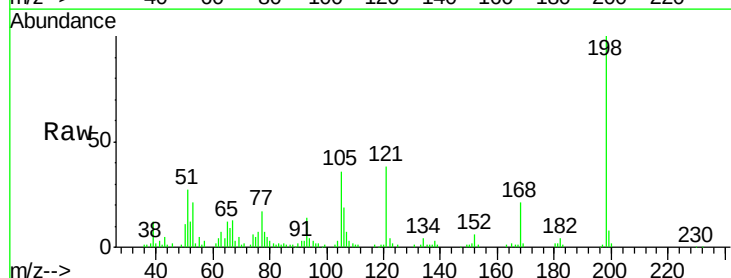
Tgt Ion:198 Resp: 66817

Ion Ratio Lower Upper

198 100

51 27.3 45.4 85.4#

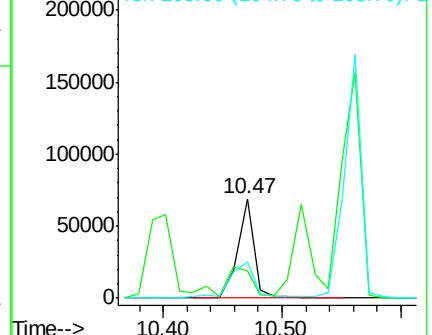
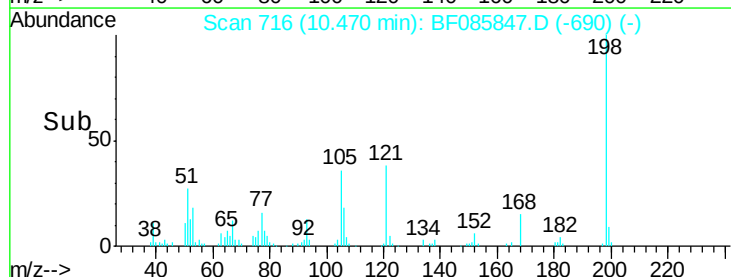
105 36.5 45.9 85.9#

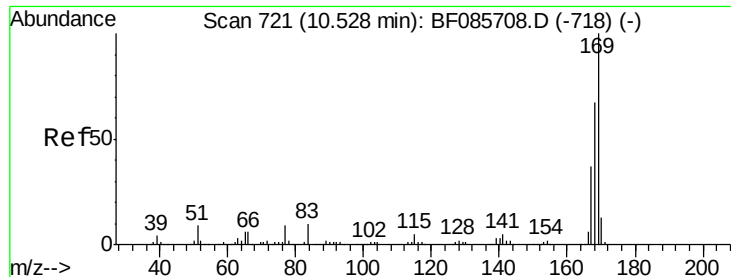


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 45.63 ng

RT: 10.52 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Instrument :

BNA_F

ClientSampleId :

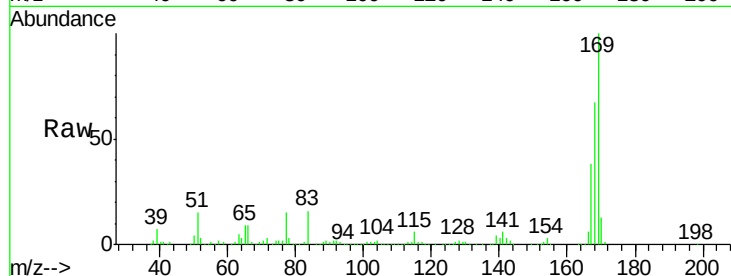
Tot Ion:169 Resp: 562715

Ion Ratio Lower Upper

169 100

168 67.1 54.4 81.6

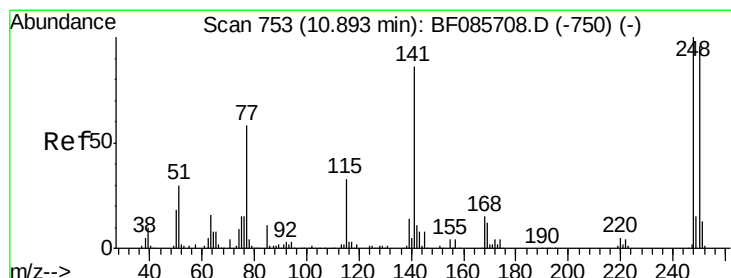
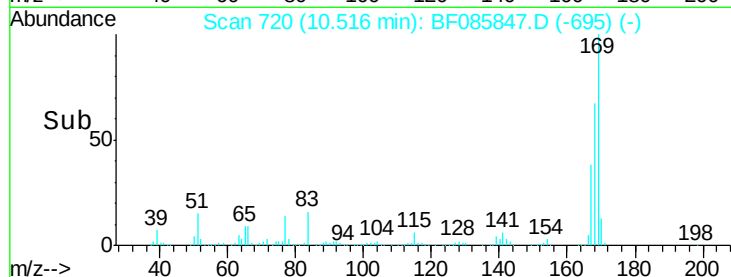
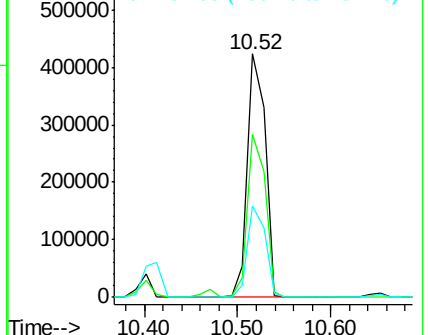
167 37.5 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 46.83 ng

RT: 10.89 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

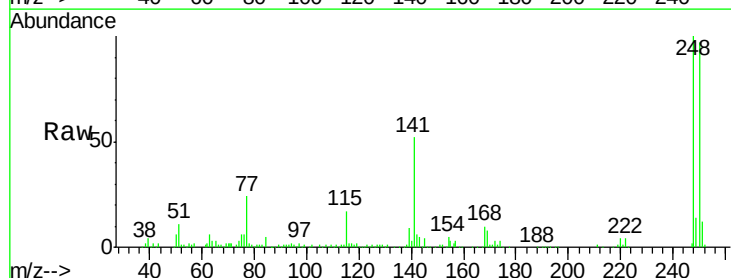
Tgt Ion:248 Resp: 186522

Ion Ratio Lower Upper

248 100

250 96.8 77.4 116.0

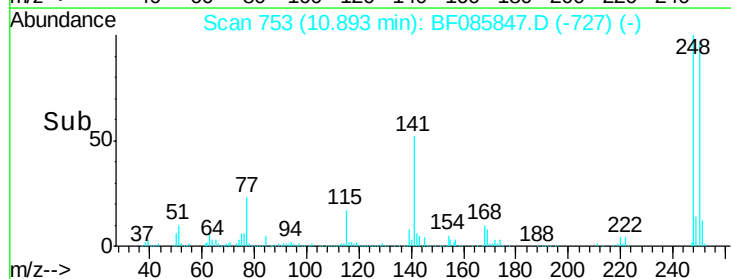
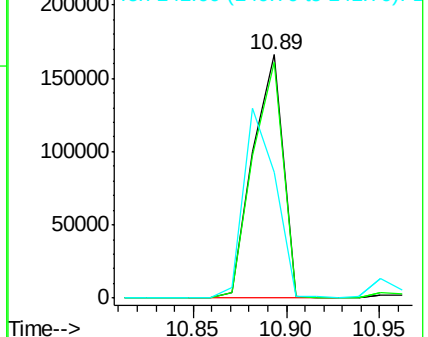
141 51.8 63.6 95.4#

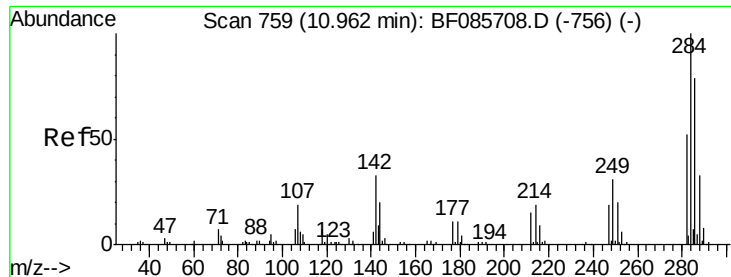


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 46.24 ng

RT: 10.96 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Instrument :

BNA_F

ClientSampleId :

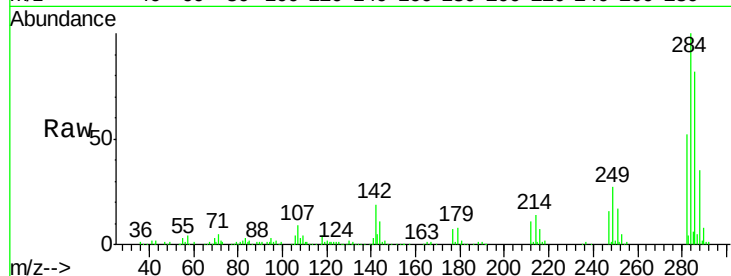
Tot Ion:284 Resp: 192601

Ion Ratio Lower Upper

284 100

142 18.5 23.1 34.7#

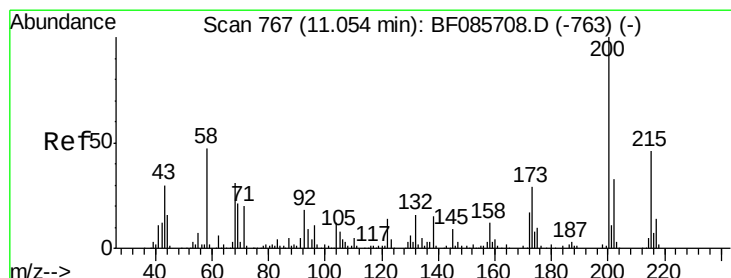
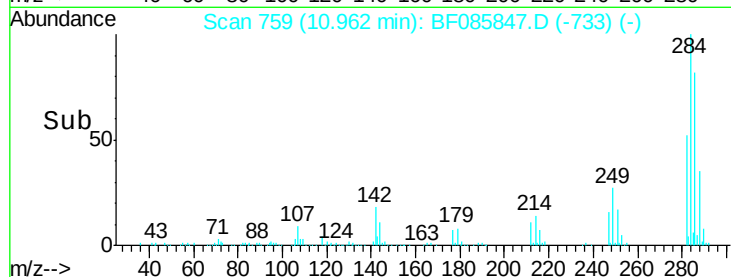
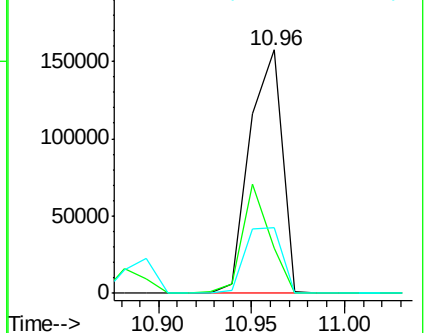
249 26.9 24.2 36.2



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: 50.31 ng

RT: 11.05 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

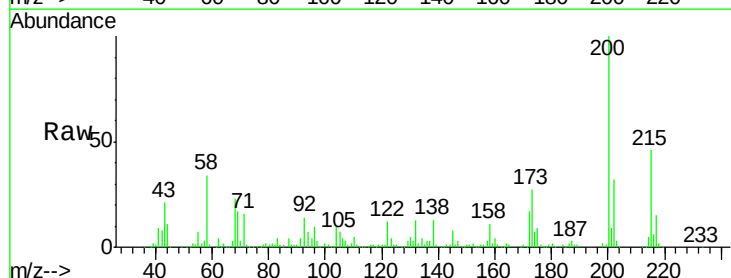
Tgt Ion:200 Resp: 209460

Ion Ratio Lower Upper

200 100

173 26.6 7.7 47.7

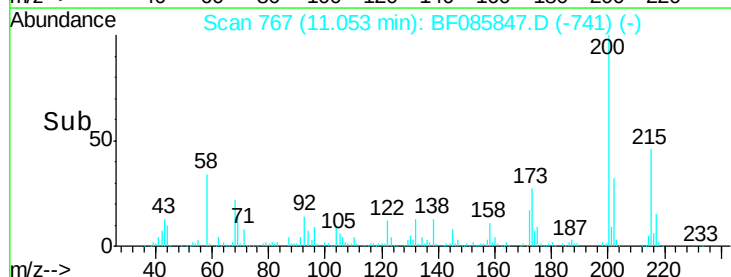
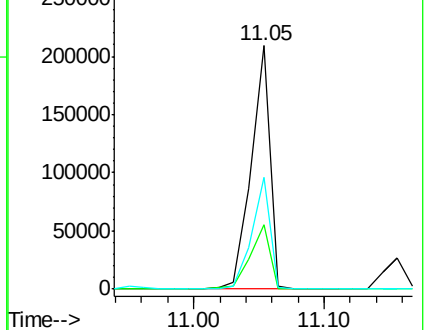
215 45.9 25.4 65.4

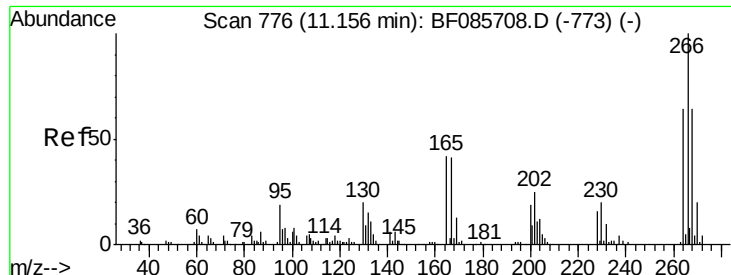


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

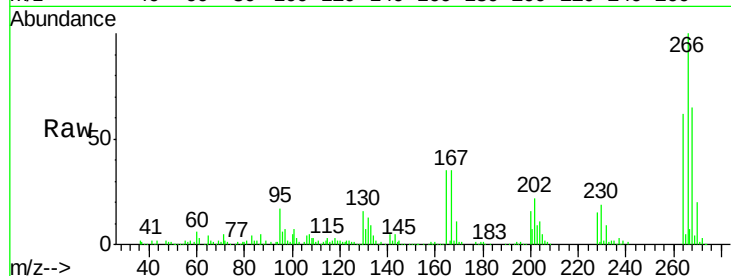




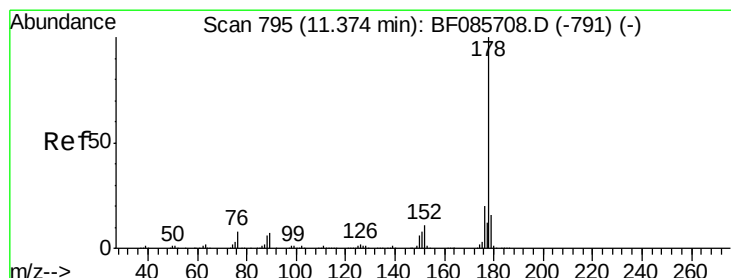
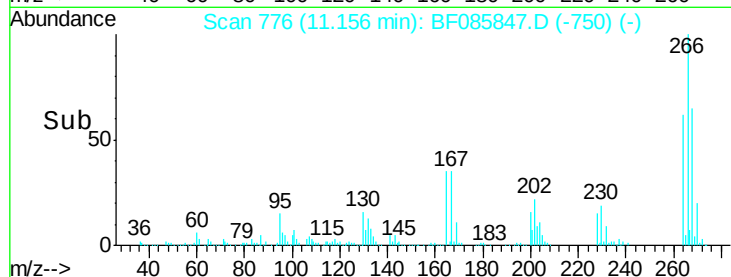
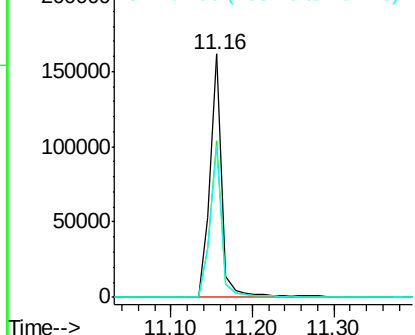
#69
 Pentachlorophenol
 Concen: 82.55 ng
 RT: 11.16 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BF085847.D
 Acq: 29 Mar 2016 12:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 168803
 Ion Ratio Lower Upper
 266 100
 268 64.6 51.5 77.3
 264 62.4 50.6 76.0

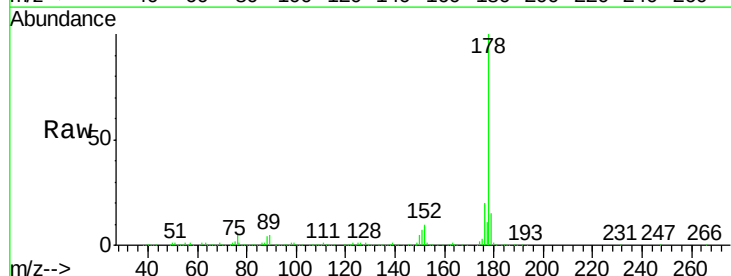


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

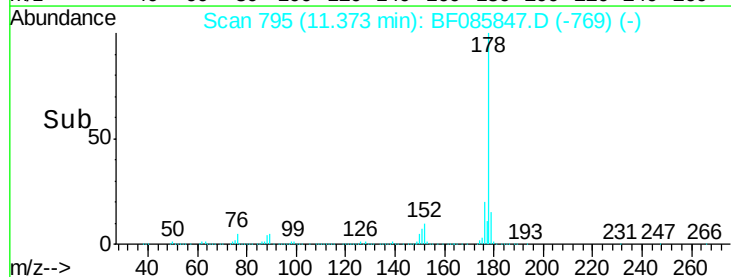
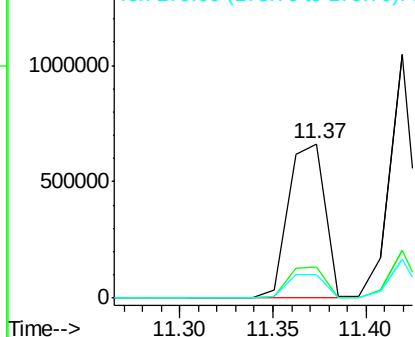


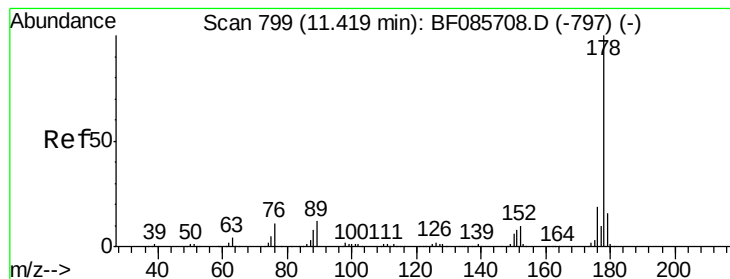
#70
 Phenanthrene
 Concen: 45.58 ng
 RT: 11.37 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF085847.D
 Acq: 29 Mar 2016 12:40

Tgt Ion:178 Resp: 911057
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.3 24.5
 179 15.0 12.6 18.8



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





#71

Anthracene

Concen: 42.87 ng

RT: 11.42 min Scan# 799

Delta R.T. -0.00 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Instrument :

BNA_F

ClientSampleId :

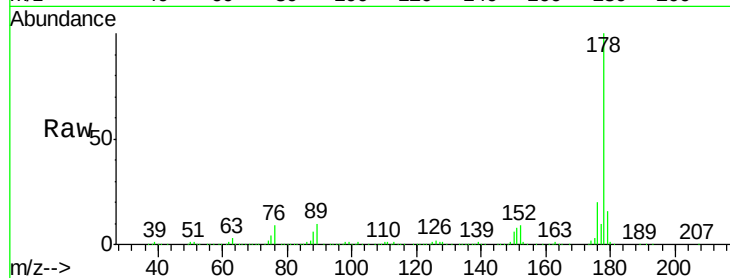
Tot Ion:178 Resp: 899748

Ion Ratio Lower Upper

178 100

176 19.8 15.9 23.9

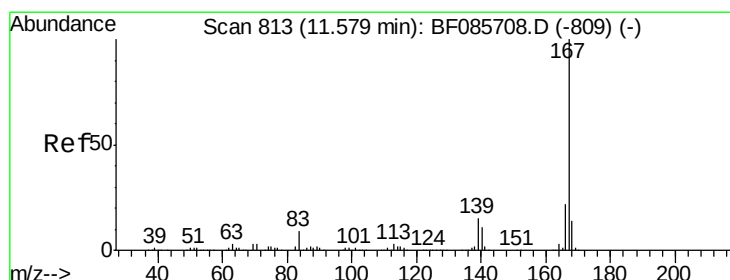
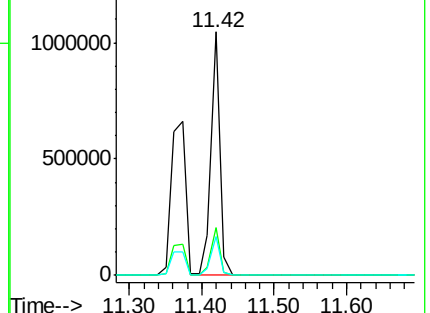
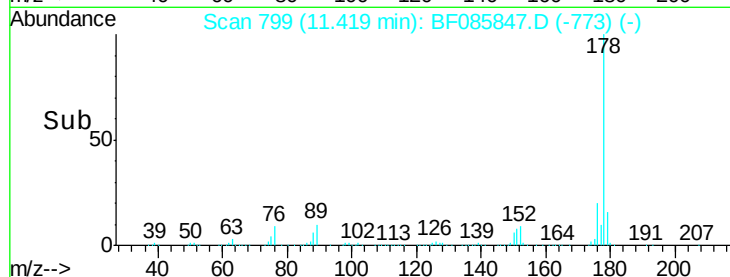
179 15.8 13.0 19.4



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: 49.24 ng

RT: 11.58 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

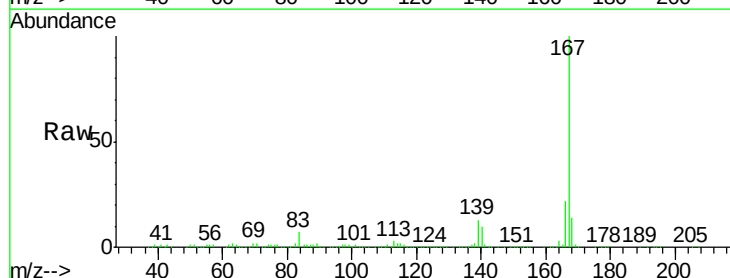
Tgt Ion:167 Resp: 867621

Ion Ratio Lower Upper

167 100

166 21.8 17.8 26.8

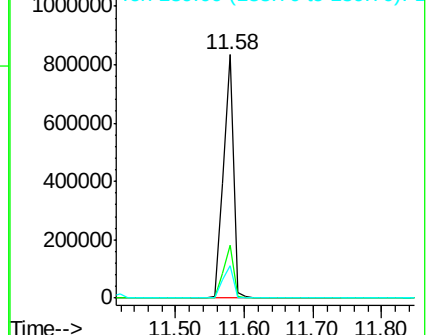
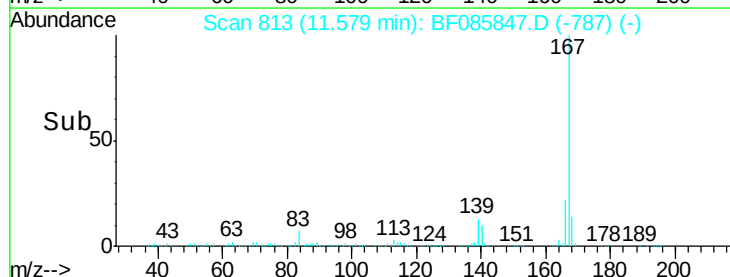
139 13.4 11.6 17.4

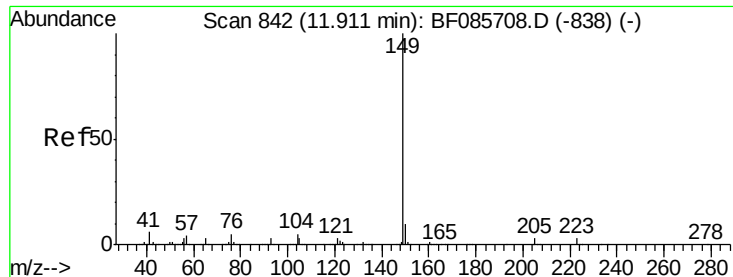


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.89 ng

RT: 11.91 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Instrument :

BNA_F

ClientSampleId :

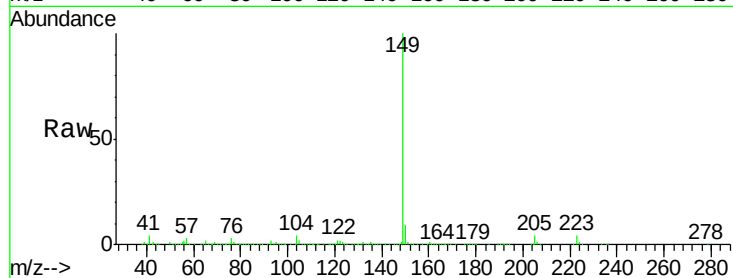
Tot Ion:149 Resp: 1085349

Ion Ratio Lower Upper

149 100

150 9.1 7.6 11.4

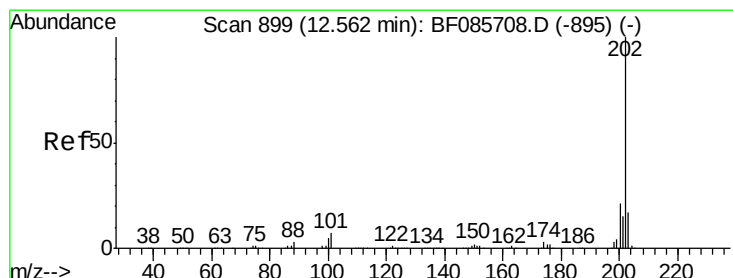
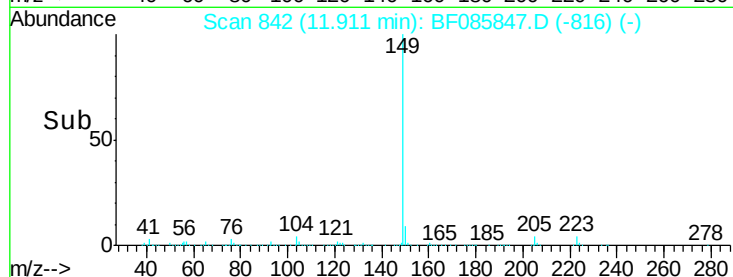
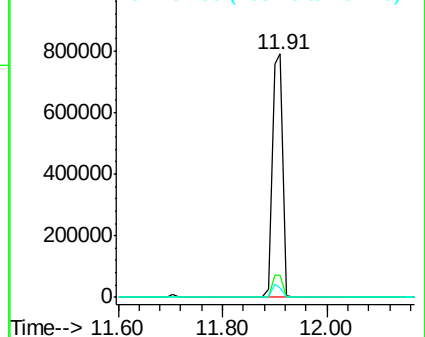
104 3.9 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.03 ng

RT: 12.55 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

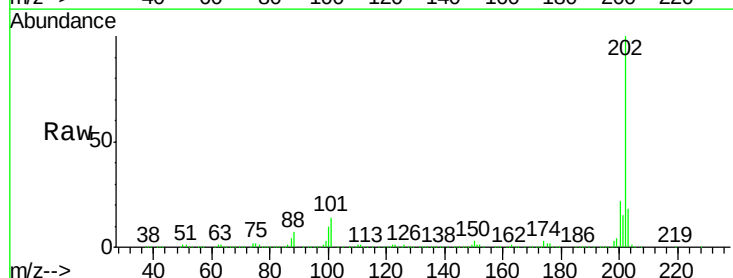
Tgt Ion:202 Resp: 765558

Ion Ratio Lower Upper

202 100

101 13.9 0.0 36.6

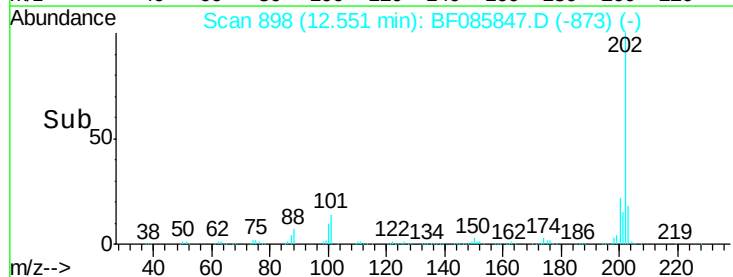
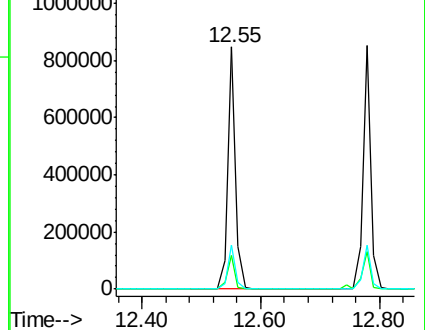
203 18.1 0.0 38.1

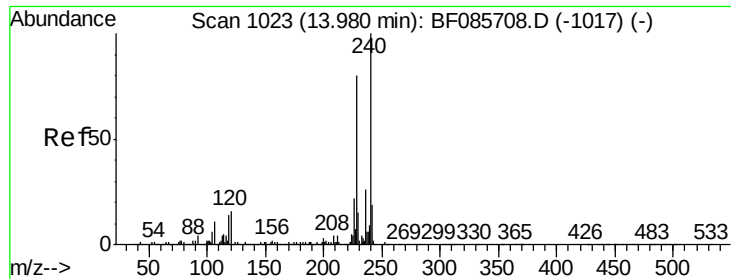


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Instrument :

BNA_F

ClientSampleId :

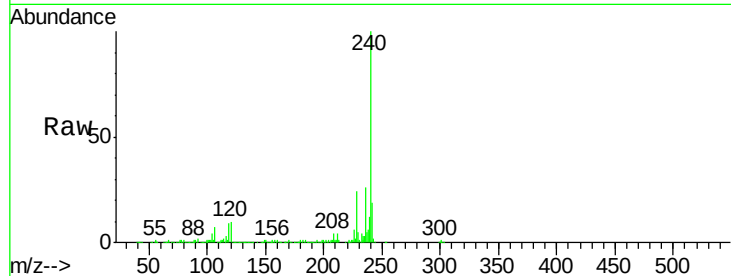
Tot Ion:240 Resp: 251158

Ion Ratio Lower Upper

240 100

120 10.2 13.8 20.8#

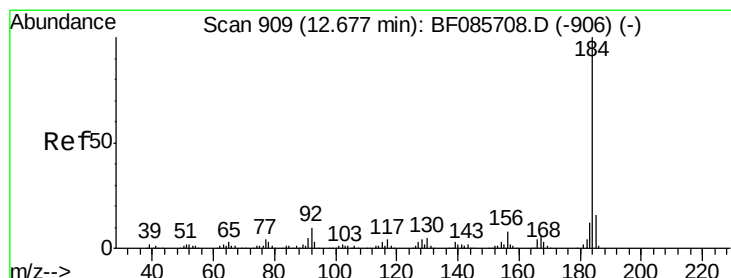
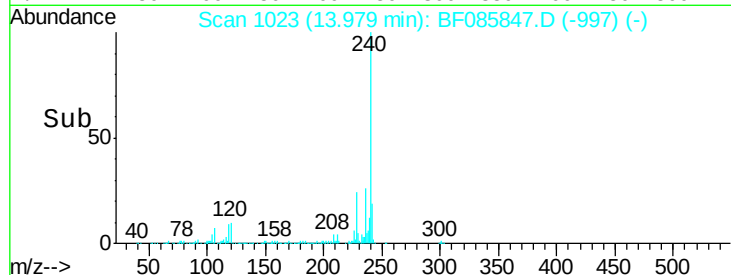
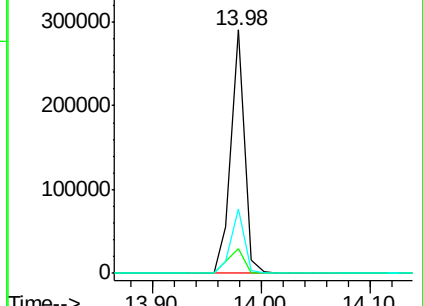
236 26.2 20.6 30.8



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: 2.74 ng

RT: 12.68 min Scan# 909

Delta R.T. -0.00 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

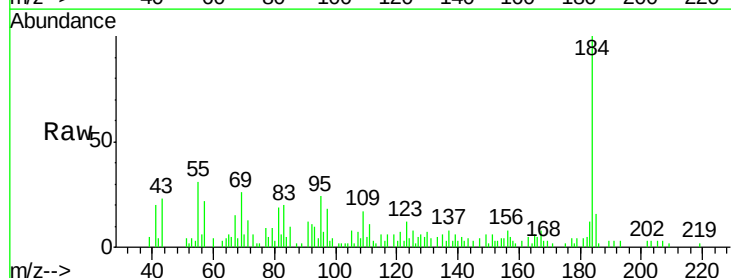
Tgt Ion:184 Resp: 24274

Ion Ratio Lower Upper

184 100

185 15.9 12.4 18.6

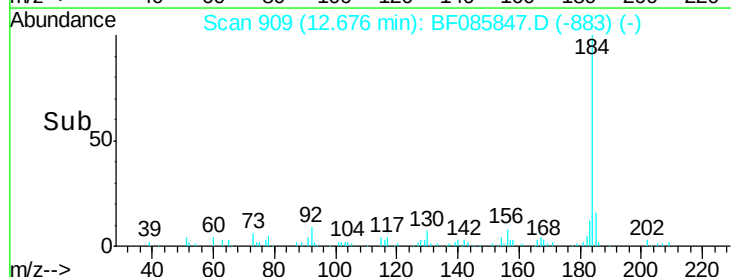
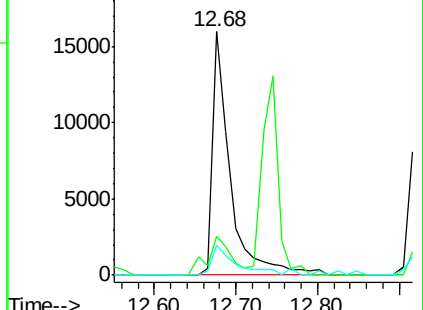
183 12.2 9.4 14.2

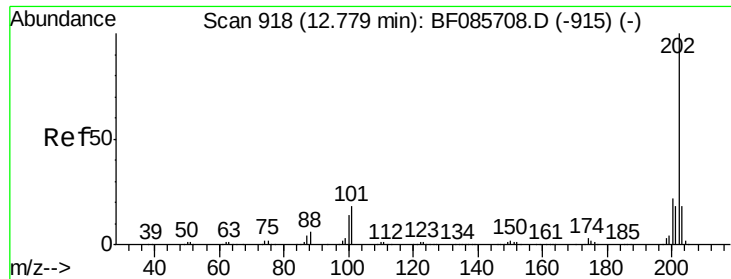


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.38 ng

RT: 12.78 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Instrument :
BNA_F
ClientSampleId :

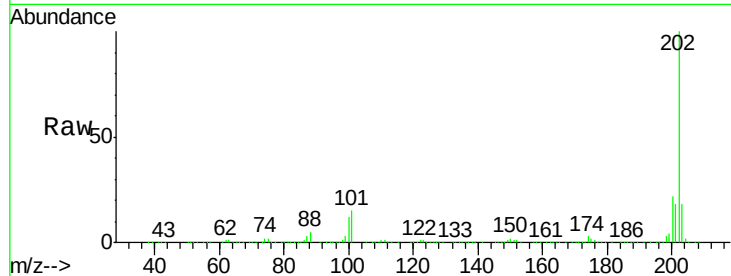
Tot Ion:202 Resp: 771732

Ion Ratio Lower Upper

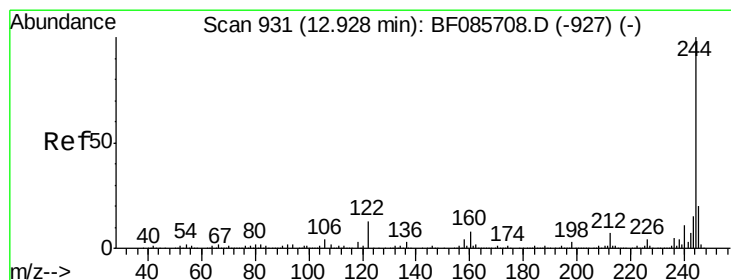
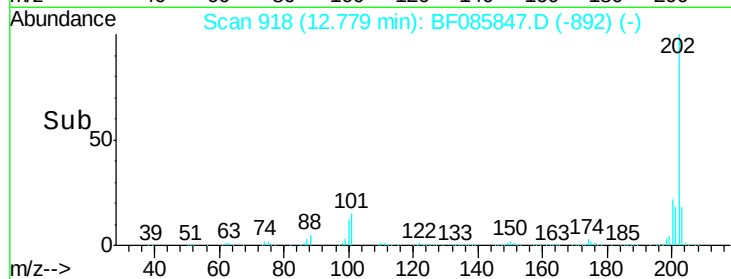
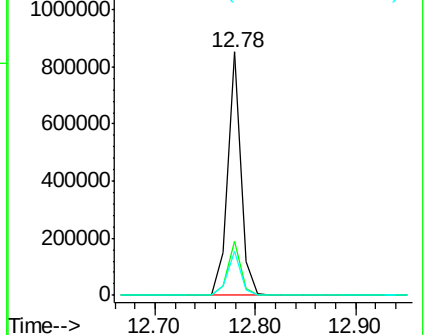
202 100

200 22.2 17.6 26.4

203 17.8 14.0 21.0



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: 81.30 ng

RT: 12.93 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

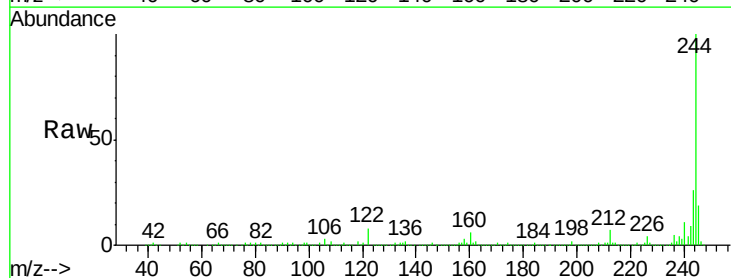
Tgt Ion:244 Resp: 992893

Ion Ratio Lower Upper

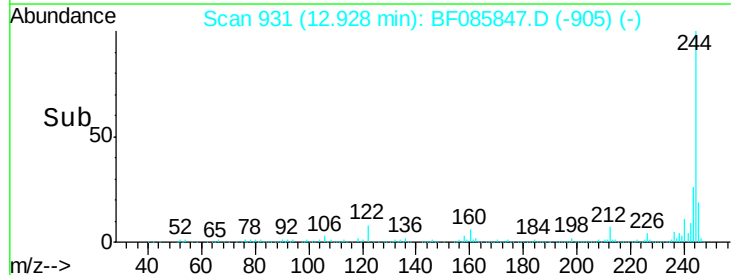
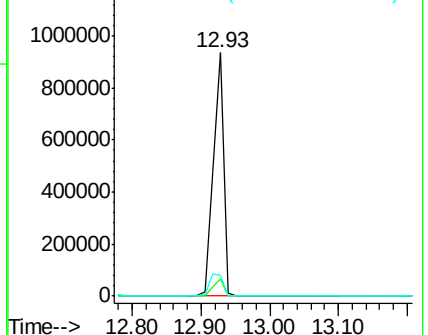
244 100

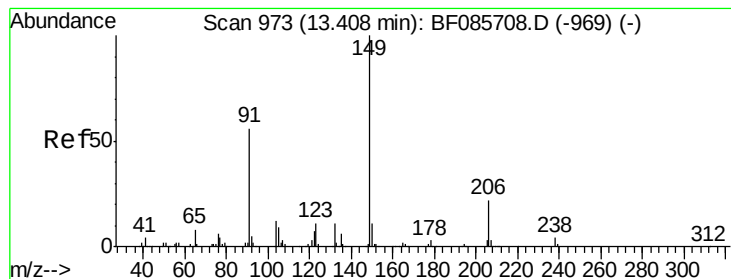
212 6.9 6.1 9.1

122 8.4 10.2 15.4#



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: 42.78 ng

RT: 13.40 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Instrument :

BNA_F

ClientSampleId :

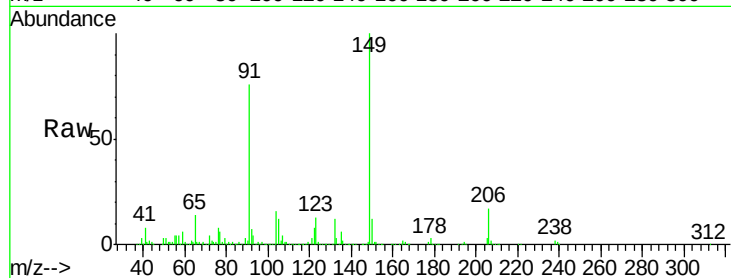
Tot Ion:149 Resp: 369856

Ion Ratio Lower Upper

149 100

91 75.7 45.8 68.8#

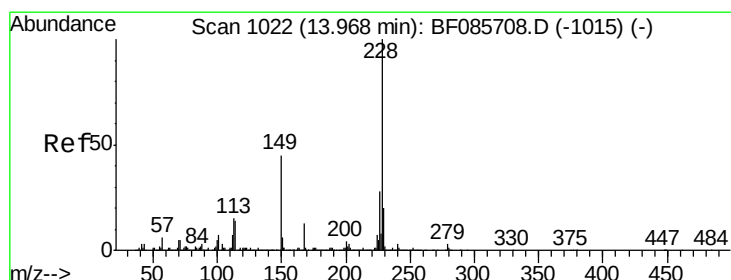
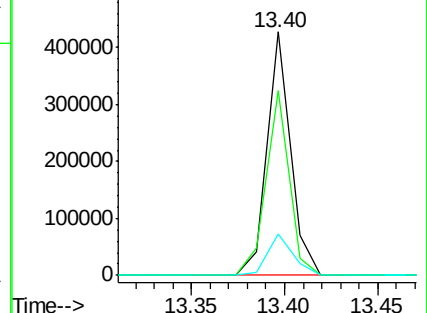
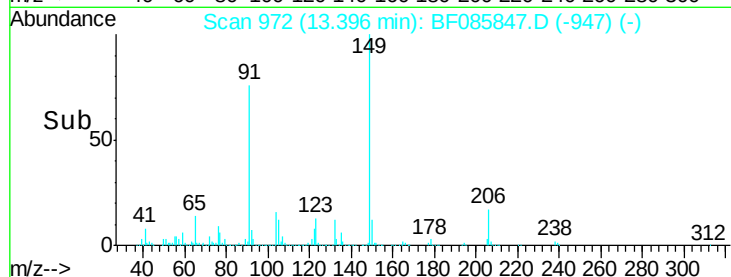
206 17.0 17.8 26.8#



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: 43.12 ng

RT: 13.97 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

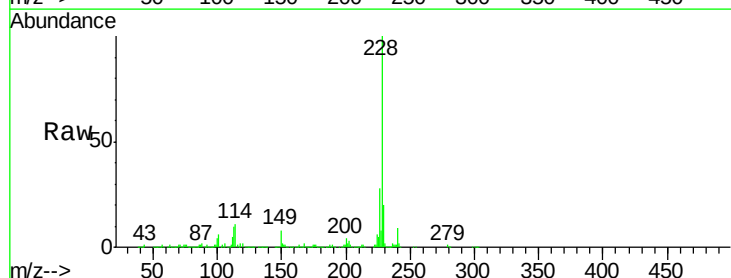
Tgt Ion:228 Resp: 617540

Ion Ratio Lower Upper

228 100

226 28.3 22.1 33.1

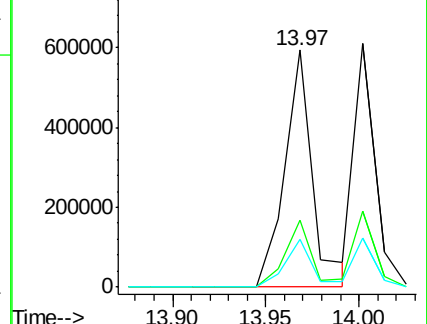
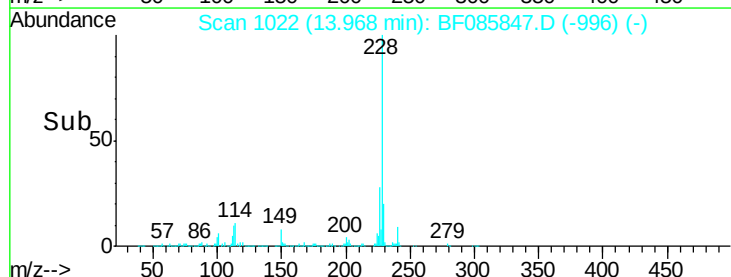
229 20.2 16.2 24.4

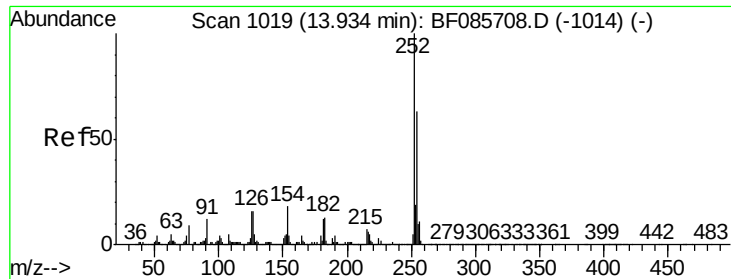


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

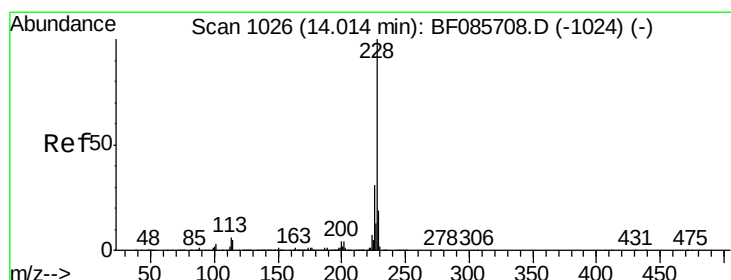
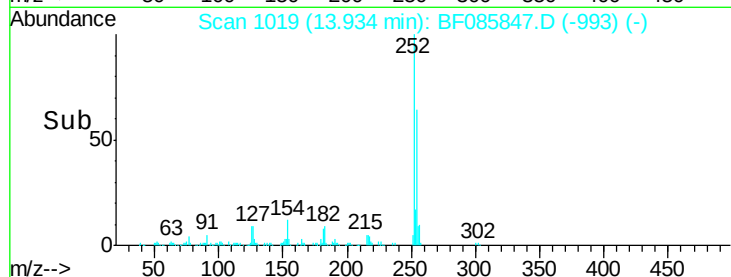
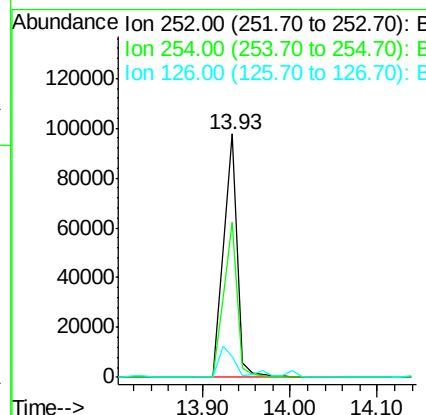
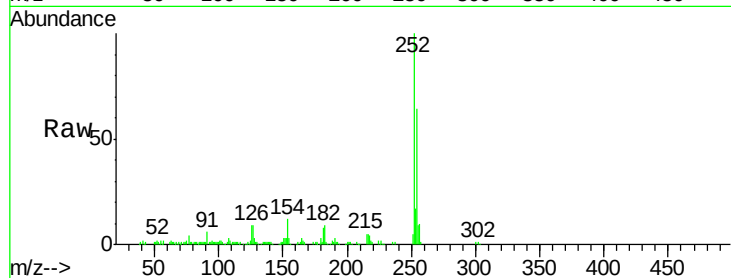




#81
 3,3'-Dichlorobenzidine
 Concen: 11.06 ng
 RT: 13.93 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BF085847.D
 Acq: 29 Mar 2016 12:40

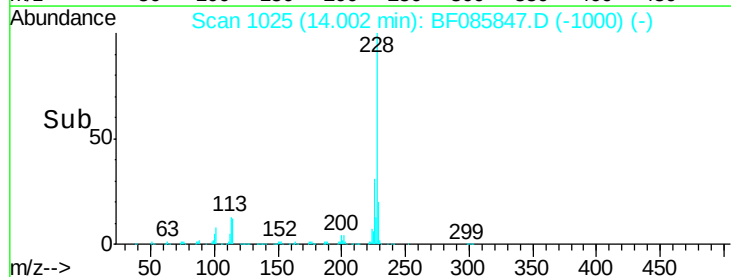
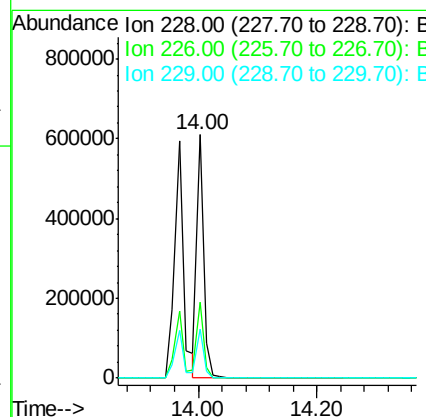
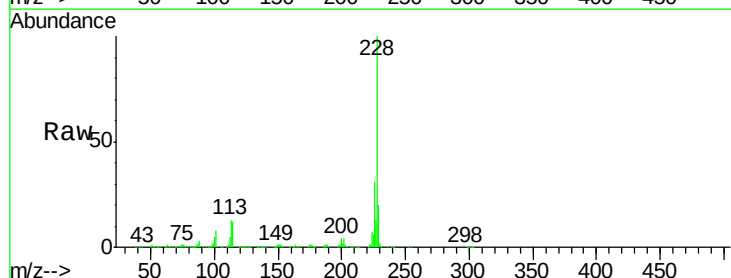
Instrument :
 BNA_F
 ClientSampleId :

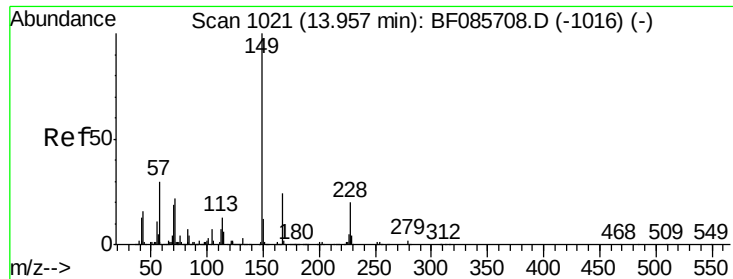
Tot Ion:252 Resp: 109943
 Ion Ratio Lower Upper
 252 100
 254 63.6 50.7 76.1
 126 8.6 11.8 17.6#



#82
 Chrysene
 Concen: 34.25 ng
 RT: 14.00 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BF085847.D
 Acq: 29 Mar 2016 12:40

Tgt Ion:228 Resp: 494042
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.0 37.6
 229 20.1 15.7 23.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.55 ng

RT: 13.96 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Instrument :

BNA_F

ClientSampleId :

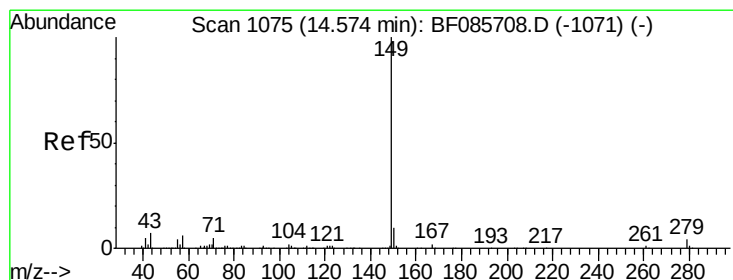
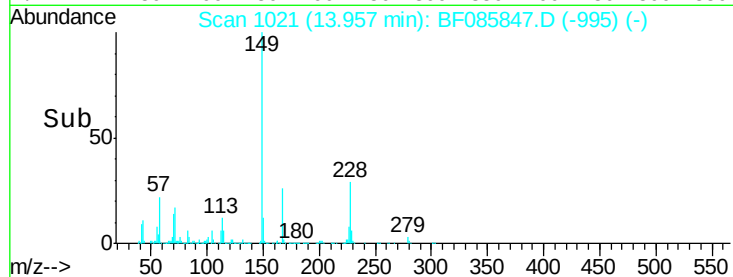
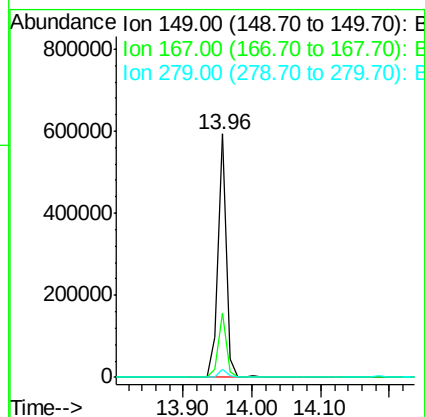
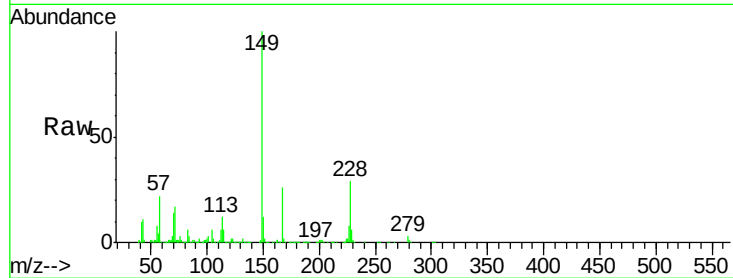
Tot Ion:149 Resp: 512947

Ion Ratio Lower Upper

149 100

167 26.3 19.4 29.2

279 3.2 1.5 2.3#



#84

Di-n-octyl phthalate

Concen: 48.32 ng

RT: 14.56 min Scan# 1074

Delta R.T. -0.01 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

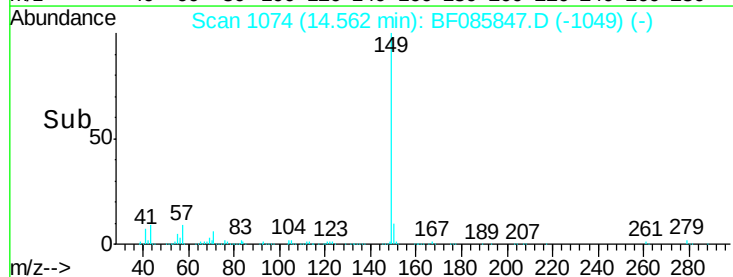
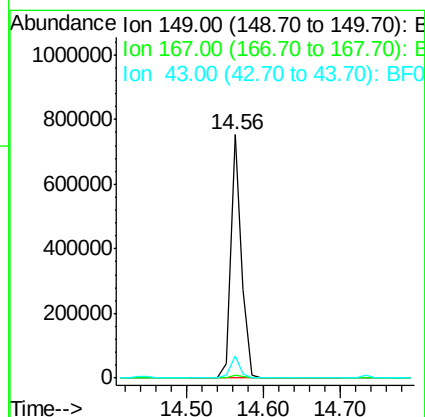
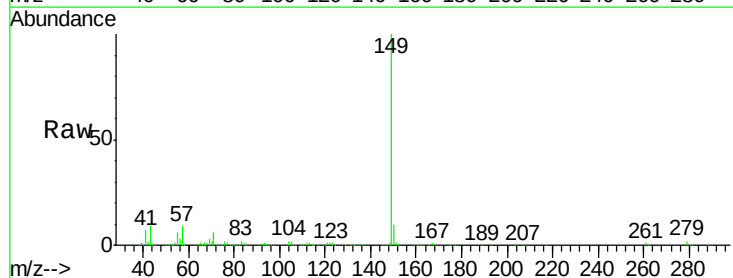
Tgt Ion:149 Resp: 743792

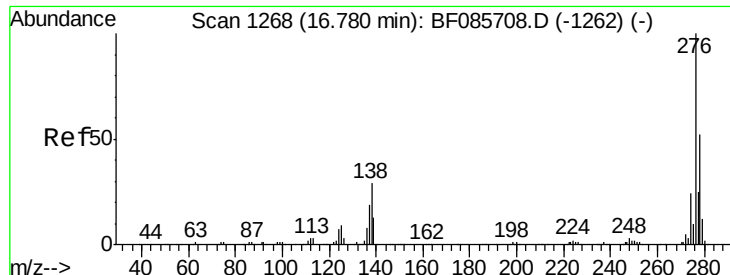
Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 8.5 7.1 10.7

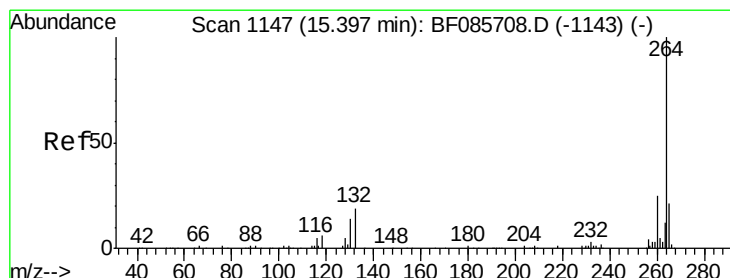
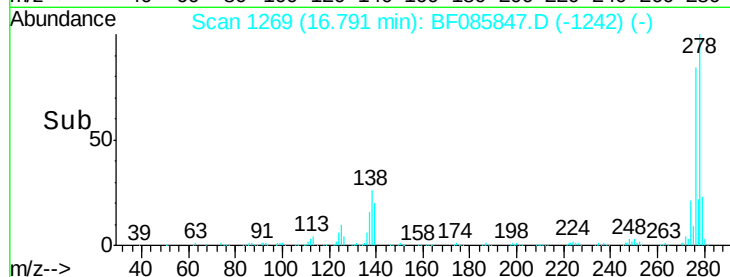
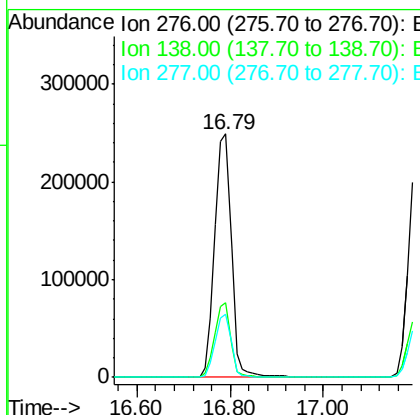
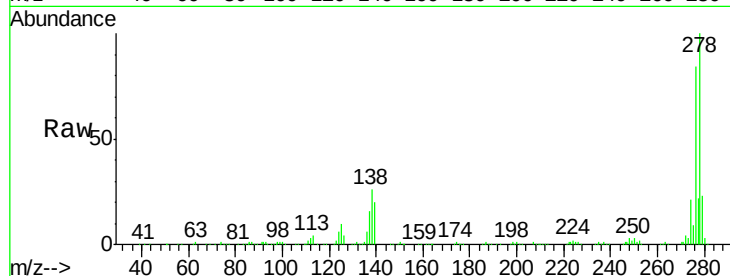




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 55.98 ng
 RT: 16.79 min Scan# 1269
 Delta R.T. 0.01 min
 Lab File: BF085847.D
 Acq: 29 Mar 2016 12:40

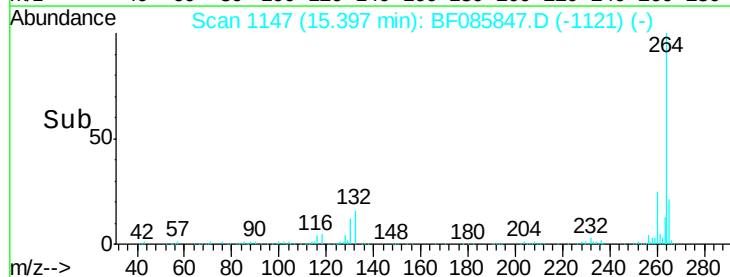
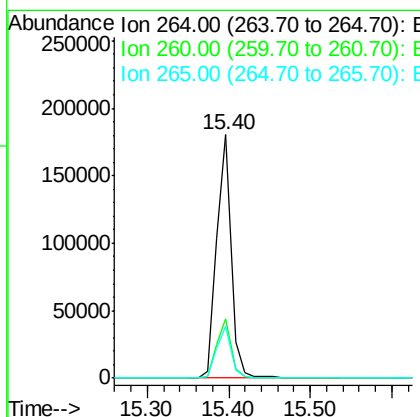
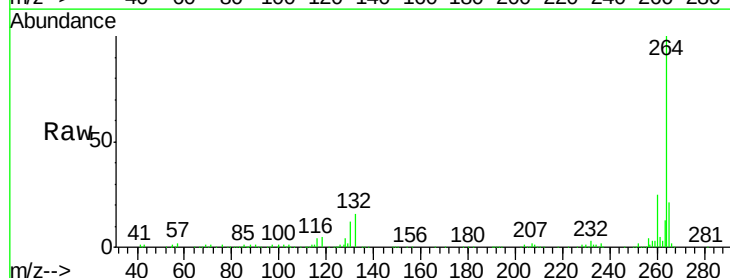
Instrument :
 BNA_F
 ClientSampleId :

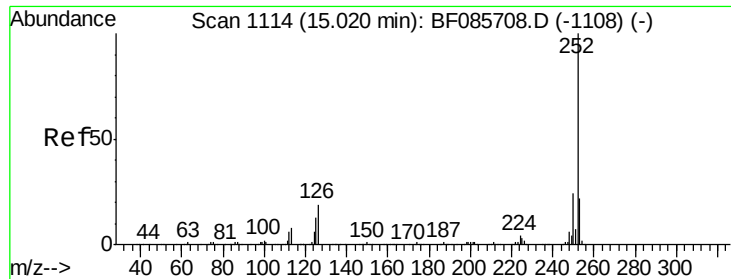
Tot Ion:276 Resp: 623584
 Ion Ratio Lower Upper
 276 100
 138 29.5 24.2 36.4
 277 25.2 20.0 30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF085847.D
 Acq: 29 Mar 2016 12:40

Tgt Ion:264 Resp: 223423
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.4 29.2
 265 21.5 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 80.84 ng

RT: 15.02 min Scan# 1114

Delta R.T. 0.02 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

Instrument :

BNA_F

ClientSampleId :

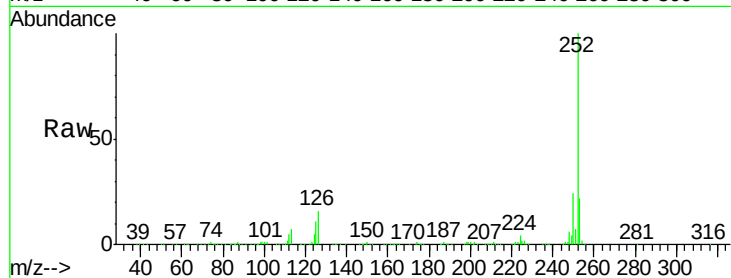
Tot Ion:252 Resp: 1137866

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

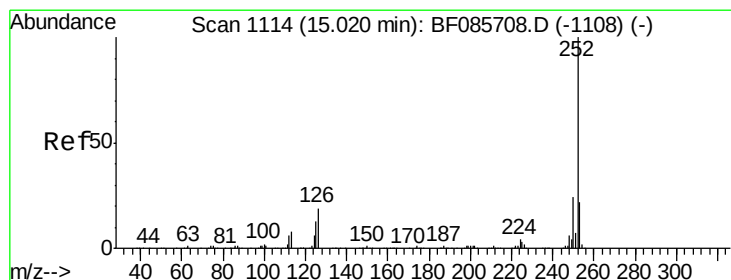
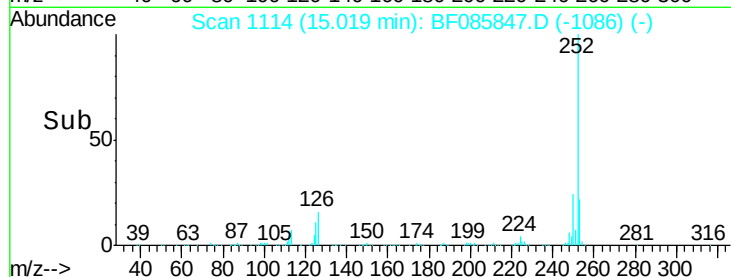
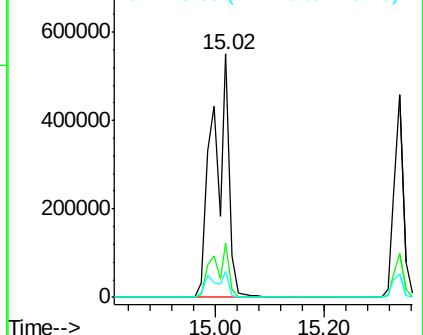
125 10.8 10.3 15.5



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



#88

Benzo(k)fluoranthene

Concen: 89.68 ng

RT: 15.02 min Scan# 1114

Delta R.T. -0.00 min

Lab File: BF085847.D

Acq: 29 Mar 2016 12:40

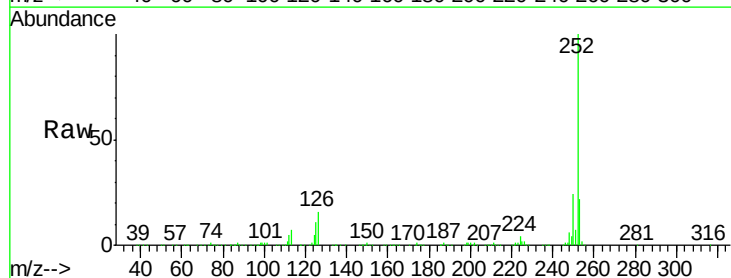
Tgt Ion:252 Resp: 1137866

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

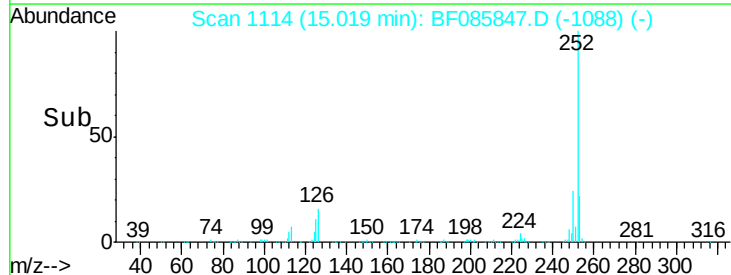
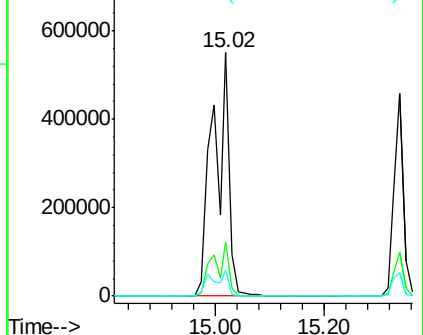
125 10.8 7.7 11.5

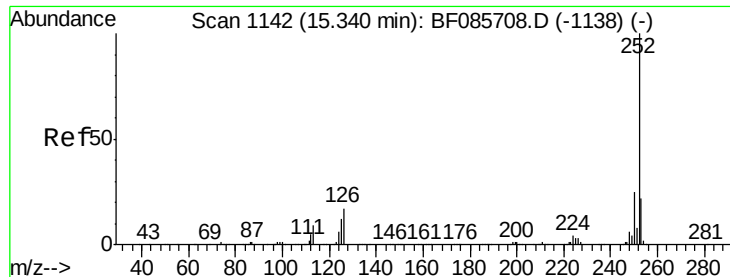


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

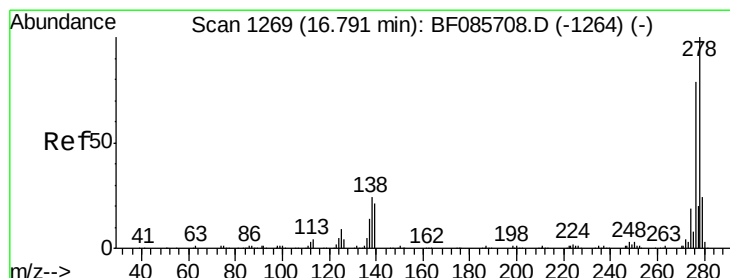
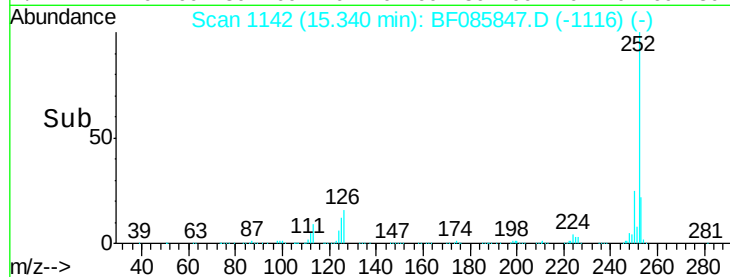
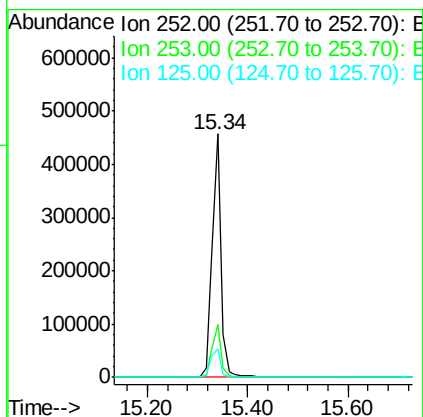
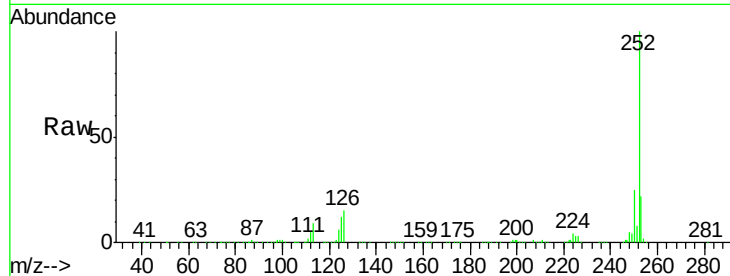




#89
Benzo(a)pyrene
Concen: 44.68 ng
RT: 15.34 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF085847.D
Acq: 29 Mar 2016 12:40

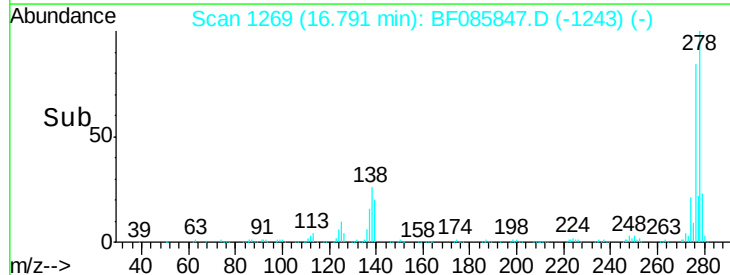
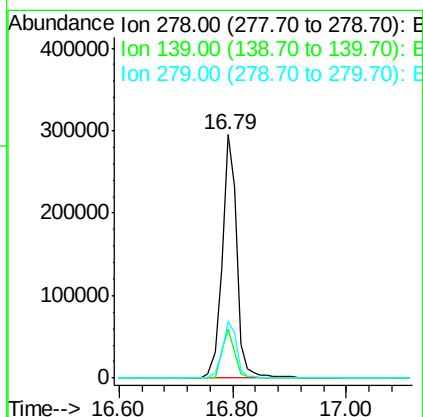
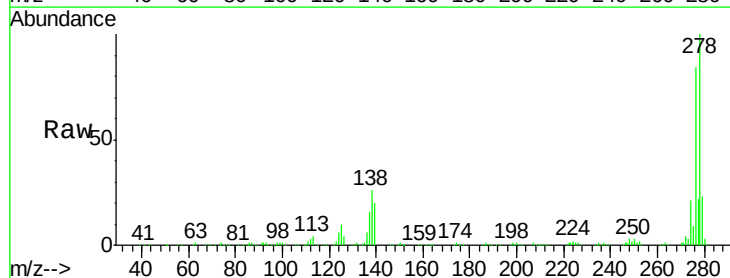
Instrument :
BNA_F
ClientSampleId :

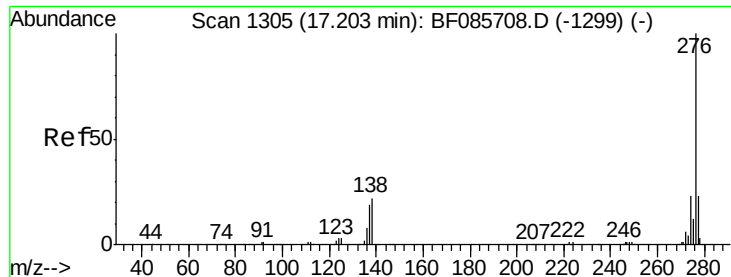
Tot Ion:252 Resp: 558345
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 11.8 10.3 15.5



#90
Dibenzo(a,h)anthracene
Concen: 45.71 ng
RT: 16.79 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BF085847.D
Acq: 29 Mar 2016 12:40

Tgt Ion:278 Resp: 530716
Ion Ratio Lower Upper
278 100
139 20.4 14.4 21.6
279 23.4 19.1 28.7





#91
 Benzo(a,h,i)perylene
 Concen: 42.66 ng
 RT: 17.20 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: BF085847.D
 Acq: 29 Mar 2016 12:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	23.9	22.6	34.0

