

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
 Data File : BF085909.D
 Acq On : 31 Mar 2016 3:57
 Operator : UM/SJ
 Sample : H2049-05MS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-EAST-END-14BGLMS

Quant Time: Mar 31 03:59:06 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 12:31:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	103512	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	389499	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	185317	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	303611	20.00	ng	0.00
75) Chrysene-d12	13.96	240	192925	20.00	ng	-0.01
86) Perylene-d12	15.37	264	201649	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	977421	157.26	ng	0.01
7) Phenol-d6	6.45	99	1127338	142.66	ng	0.00
23) Nitrobenzene-d5	7.37	82	749285	108.33	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	232360	131.97	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1143379	103.08	ng	0.00
78) Terphenyl-d14	12.91	244	774254	82.54	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.40	88	122688	41.34	ng	99
3) Pyridine	3.11	79	354263	49.79	ng	92
4) n-Nitrosodimethylamine	3.06	42	154502	54.24	ng	95
6) Aniline	6.47	93	237244	22.30	ng	97
8) 2-Chlorophenol	6.58	128	352442	48.80	ng	95
9) Benzaldehyde	6.34	77	179588	37.72	ng	98
10) Phenol	6.46	94	469257	52.41	ng	94
11) bis(2-Chloroethyl)ether	6.54	93	327263	47.50	ng	97
12) 1,3-Dichlorobenzene	6.97	146	349837	44.99	ng	97
13) 1,4-Dichlorobenzene	6.81	146	364477	46.21	ng	99
14) 1,2-Dichlorobenzene	6.97	146	350393	47.67	ng	98
15) Benzyl Alcohol	6.95	79	267208	50.68	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	418030	45.73	ng	92
17) 2-Methylphenol	7.06	107	277622	48.02	ng	98
18) Hexachloroethane	7.30	117	129405	44.81	ng	# 81
19) n-Nitroso-di-n-propylamine	7.22	70	242761	51.31	ng	98
20) 3+4-Methylphenols	7.22	107	350347	50.40	ng	# 75
22) Acetophenone	7.21	105	466639	51.43	ng	94
24) Nitrobenzene	7.38	77	337901	47.39	ng	98
25) Isophorone	7.62	82	669397	50.24	ng	100
26) 2-Nitrophenol	7.70	139	186577	52.31	ng	93
27) 2,4-Dimethylphenol	7.75	122	316079	50.70	ng	96
28) bis(2-Chloroethoxy)methane	7.84	93	439045	57.83	ng	99
29) 2,4-Dichlorophenol	7.96	162	274476	52.37	ng	93
30) 1,2,4-Trichlorobenzene	8.02	180	285930	49.14	ng	99
31) Naphthalene	8.10	128	923493	47.05	ng	100
32) Benzoic acid	7.84	122	31049	7.50	ng	94
33) 4-Chloroaniline	8.16	127	119409	14.90	ng	96
34) Hexachlorobutadiene	8.23	225	144679	45.75	ng	99
35) Caprolactam	8.54	113	91614	49.34	ng	87
36) 4-Chloro-3-methylphenol	8.65	107	293902	48.01	ng	98
37) 2-Methylnaphthalene	8.80	142	642321	61.36	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	247719	45.08	ng	100
40) Hexachlorocyclopentadiene	8.95	237	77669	39.20	ng	98

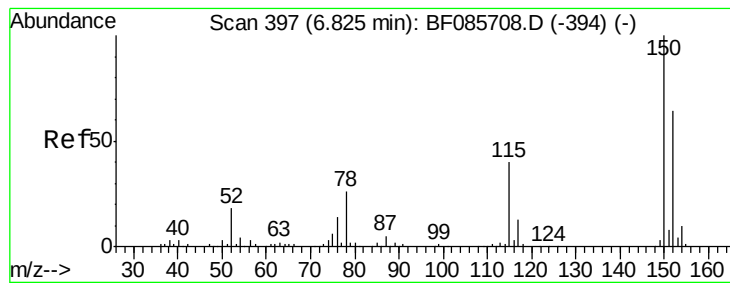
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	189581	51.08	ng	97
43) 2,4,5-Trichlorophenol	9.13	196	183976	47.27	ng	99
45) 1,1'-Biphenyl	9.27	154	704481	45.05	ng	94
46) 2-Chloronaphthalene	9.29	162	570848	49.65	ng	99
47) 2-Nitroaniline	9.40	65	177910	50.60	ng	# 67
48) Acenaphthylene	9.70	152	906963	48.41	ng	99
49) Dimethylphthalate	9.57	163	774804	55.11	ng	100
50) 2,6-Dinitrotoluene	9.64	165	158280	52.30	ng	# 80
51) Acenaphthene	9.88	154	529232	46.24	ng	100
52) 3-Nitroaniline	9.80	138	105138	30.35	ng	86
53) 2,4-Dinitrophenol	9.92	184	27050	22.39	ng	# 76
54) Dibenzofuran	10.05	168	749941	50.63	ng	99
55) 4-Nitrophenol	9.98	139	215097	95.31	ng	93
56) 2,4-Dinitrotoluene	10.04	165	166082	43.18	ng	# 43
57) Fluorene	10.39	166	591883	48.07	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	139836	51.69	ng	94
59) Diethylphthalate	10.26	149	612801	44.12	ng	98
60) 4-Chlorophenyl-phenylether	10.38	204	261595	43.45	ng	99
61) 4-Nitroaniline	10.41	138	128388	38.75	ng	88
62) Azobenzene	10.54	77	665919	49.89	ng	98
64) 4,6-Dinitro-2-methylphenol	10.45	198	46994	26.43	ng	91
65) n-Nitrosodiphenylamine	10.50	169	540905	56.25	ng	99
66) 4-Bromophenyl-phenylether	10.87	248	165478	53.27	ng	97
67) Hexachlorobenzene	10.94	284	168195	51.78	ng	94
68) Atrazine	11.03	200	158305	48.76	ng	98
69) Pentachlorophenol	11.13	266	141139	88.50	ng	99
70) Phenanthrene	11.35	178	826109	52.99	ng	100
71) Anthracene	11.40	178	746103	45.59	ng	99
72) Carbazole	11.56	167	671990	48.91	ng	99
73) Di-n-butylphthalate	11.89	149	974789	51.70	ng	100
74) Fluoranthene	12.53	202	669852	40.42	ng	99
76) Benzidine	12.65	184	207884	30.60	ng	99
77) Pyrene	12.76	202	633539	39.95	ng	99
79) Butylbenzylphthalate	13.39	149	316584	47.67	ng	95
80) Benzo(a)anthracene	13.95	228	526963	47.90	ng	100
81) 3,3'-Dichlorobenzidine	13.91	252	130968	17.15	ng	98
82) Chrysene	13.99	228	497079	44.86	ng	100
83) Bis(2-ethylhexyl)phthalate	13.93	149	412275	51.85	ng	98
84) Di-n-octyl phthalate	14.55	149	728884	61.64	ng	99
85) Indeno(1,2,3-cd)pyrene	16.76	276	506166	59.16	ng	99
87) Benzo(b)fluoranthene	14.97	252	1058375	83.32	ng	98
88) Benzo(k)fluoranthene	14.97	252	1058729	92.45	ng	99
89) Benzo(a)pyrene	15.32	252	526445	46.67	ng	99
90) Dibenzo(a,h)anthracene	16.76	278	439187	41.91	ng	# 96
91) Benzo(g,h,i)perylene	17.17	276	393918	37.12	ng	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 395

Delta R.T. -0.00 min

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BOTTOM-EAST-END-14BGLMS

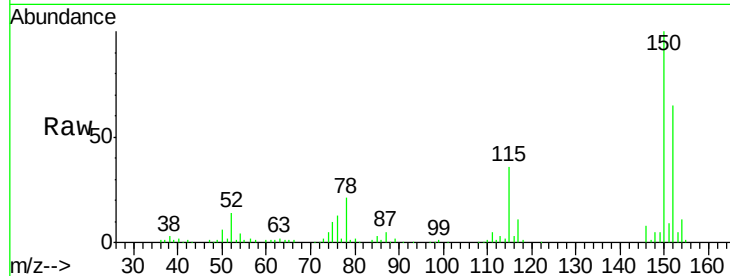
Tgt Ion:152 Resp: 103512

Ion Ratio Lower Upper

152 100

150 154.4 124.2 186.2

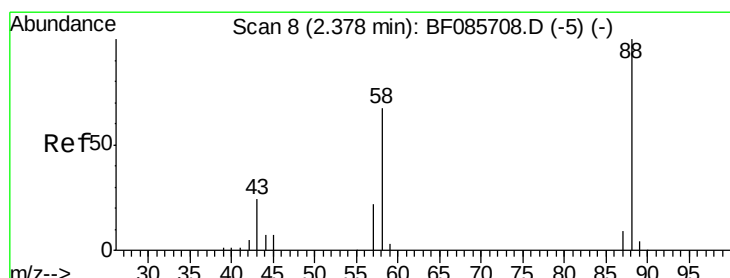
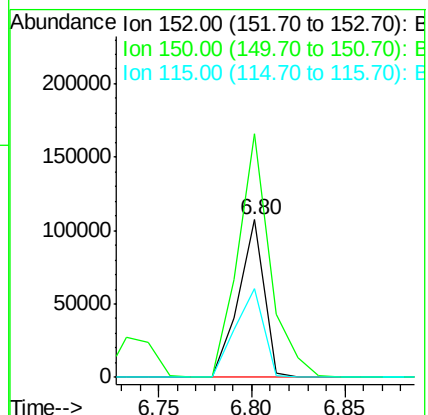
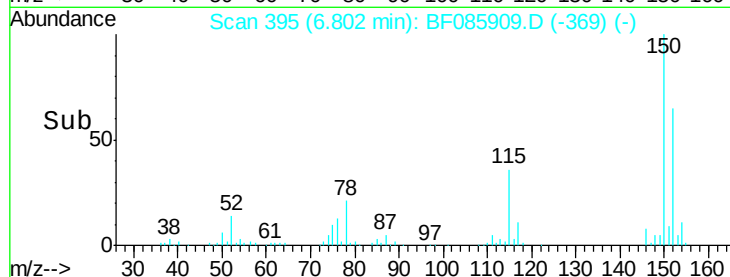
115 55.9 47.0 70.6



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: 41.34 ng

RT: 2.40 min Scan# 10

Delta R.T. 0.07 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

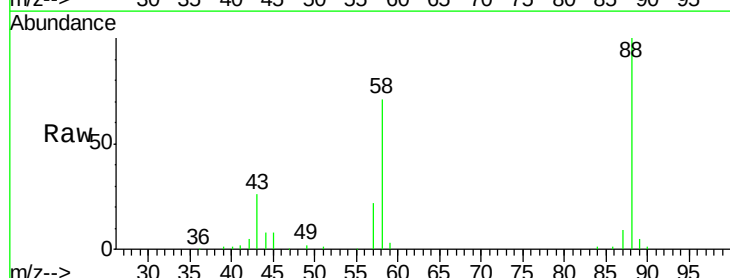
Tgt Ion: 88 Resp: 122688

Ion Ratio Lower Upper

88 100

58 67.3 54.2 81.2

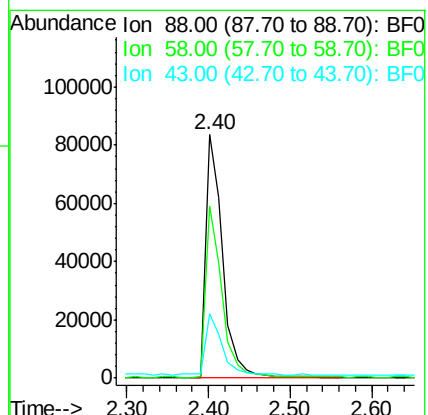
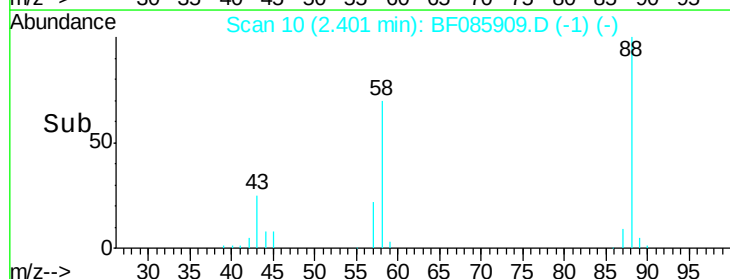
43 25.2 19.3 28.9

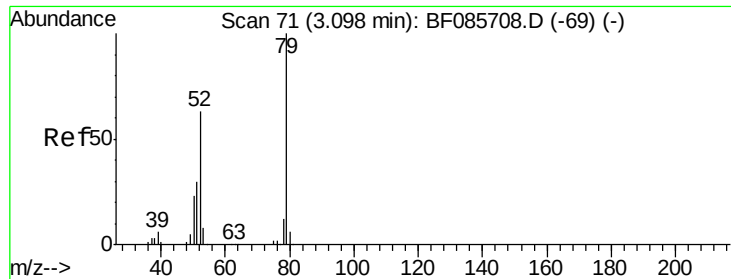


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 49.79 ng

RT: 3.11 min Scan# 72

Delta R.T. 0.06 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

Instrument :

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ClientSampleId :

BOTTOM-EAST-END-14BGLMS

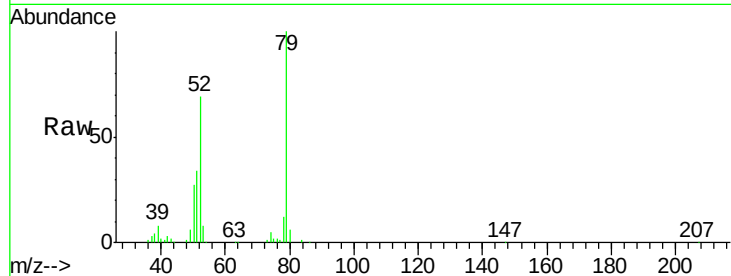
Tgt Ion: 79 Resp: 354263

Ion Ratio Lower Upper

79 100

52 69.2 49.8 74.6

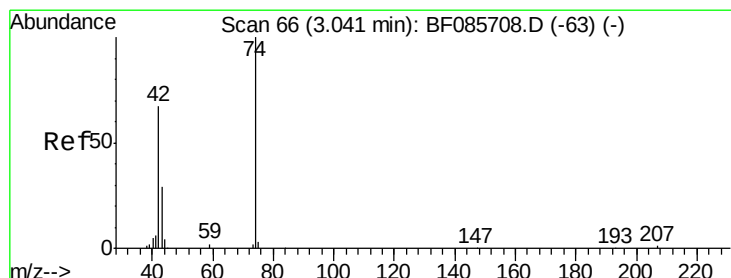
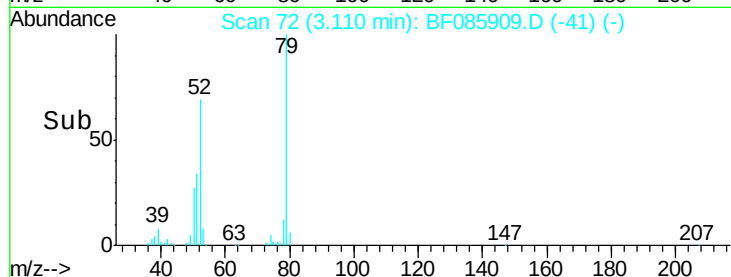
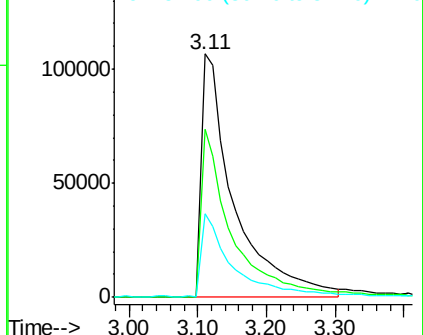
51 34.4 24.7 37.1



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: 54.24 ng

RT: 3.06 min Scan# 68

Delta R.T. 0.06 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

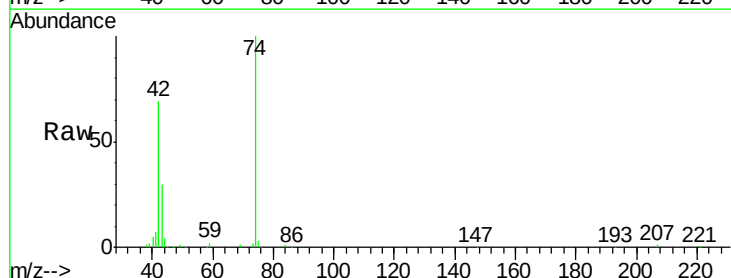
Tgt Ion: 42 Resp: 154502

Ion Ratio Lower Upper

42 100

74 145.9 121.4 182.2

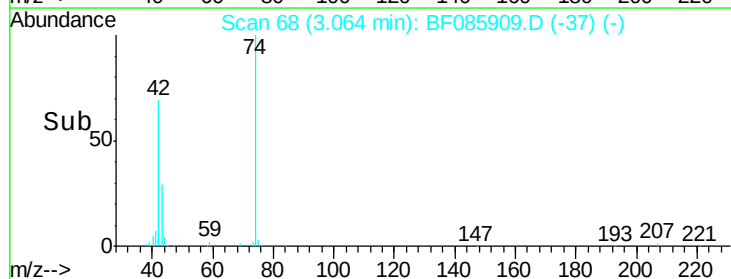
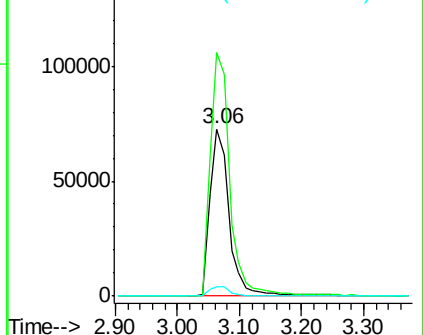
44 6.0 5.6 8.4

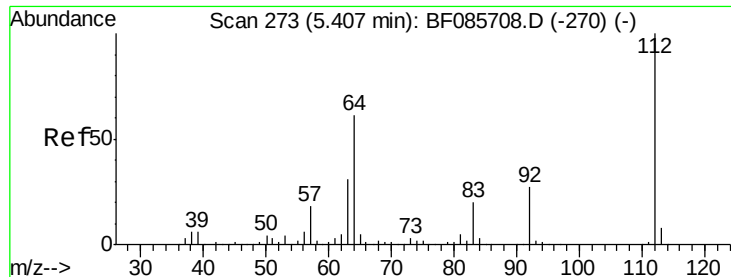


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

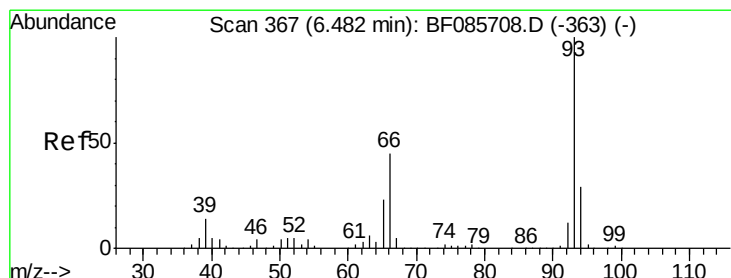
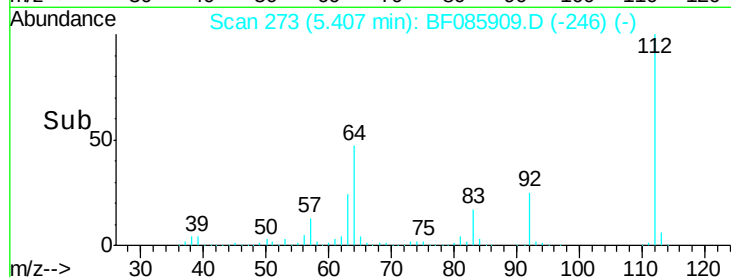
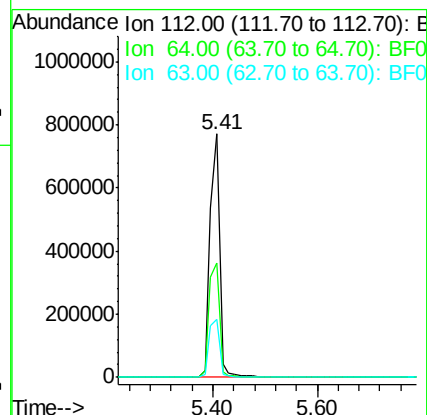
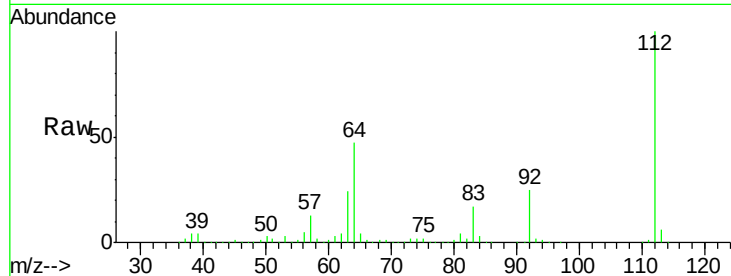




#5
 2-Fluorophenol
 Concen: 157.26 ng
 RT: 5.41 min Scan# 273
 Delta R.T. 0.01 min
 Lab File: BF085909.D
 Acq: 31 Mar 2016 3:57

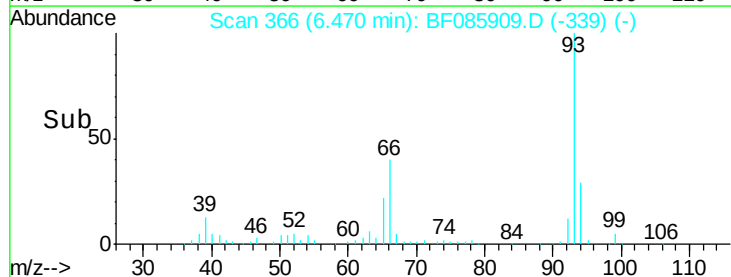
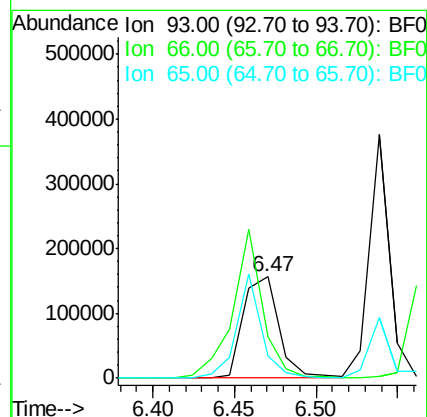
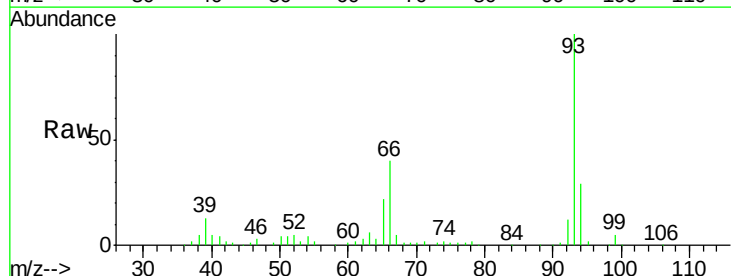
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 BOTTOM-EAST-END-14BGLMS

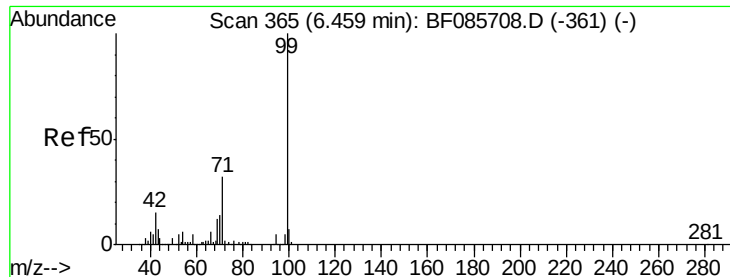
Tgt Ion: 112 Resp: 977421
 Ion Ratio Lower Upper
 112 100
 64 46.9 39.9 59.9
 63 23.8 20.2 30.2



#6
 Aniline
 Concen: 22.30 ng
 RT: 6.47 min Scan# 366
 Delta R.T. 0.01 min
 Lab File: BF085909.D
 Acq: 31 Mar 2016 3:57

Tgt Ion: 93 Resp: 237244
 Ion Ratio Lower Upper
 93 100
 66 40.4 31.4 47.2
 65 22.5 15.7 23.5





#7

Phenol-d6

Concen: 142.66 ng

RT: 6.45 min Scan# 364

Delta R.T. -0.00 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-END-14BGLMS

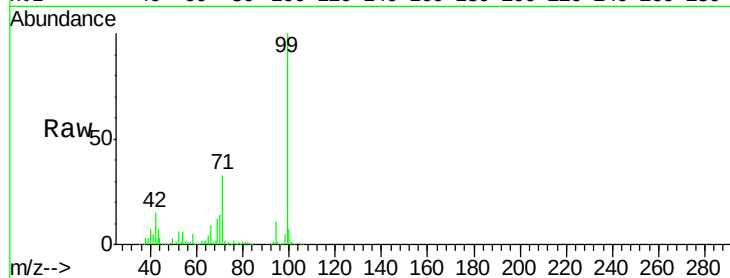
Tgt Ion: 99 Resp: 1127338

Ion Ratio Lower Upper

99 100

42 14.9 11.1 16.7

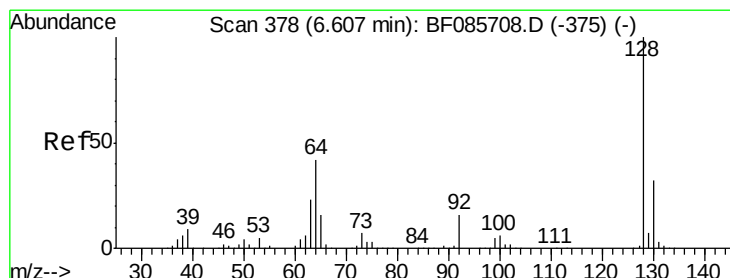
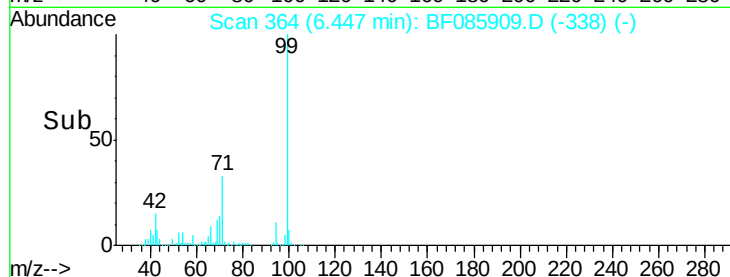
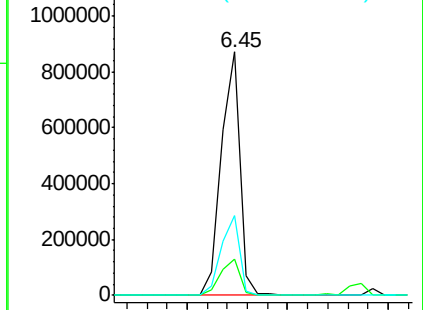
71 33.0 24.9 37.3



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: 48.80 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

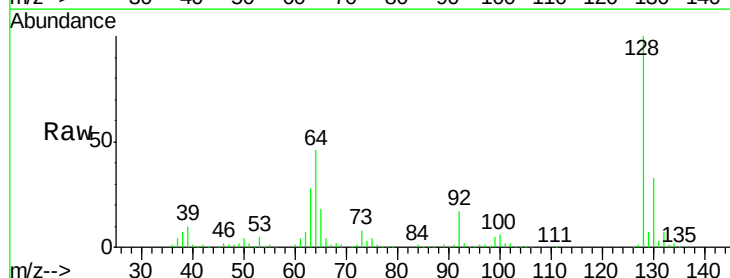
Tgt Ion: 128 Resp: 352442

Ion Ratio Lower Upper

128 100

130 32.5 12.9 52.9

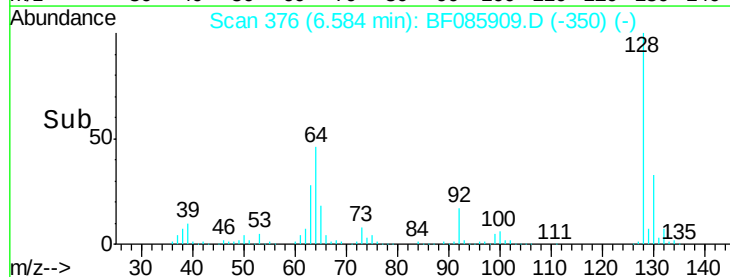
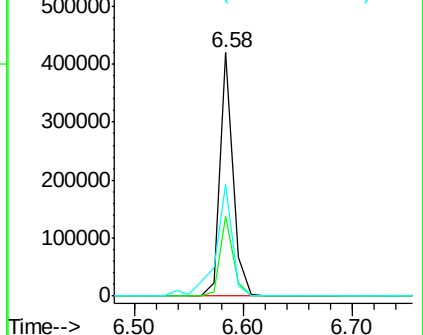
64 45.9 20.2 60.2

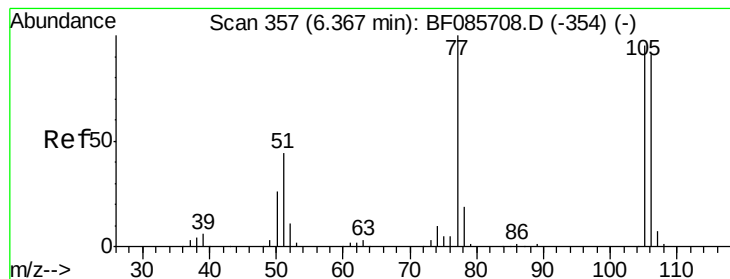


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 37.72 ng

RT: 6.34 min Scan# 355

Delta R.T. -0.00 min

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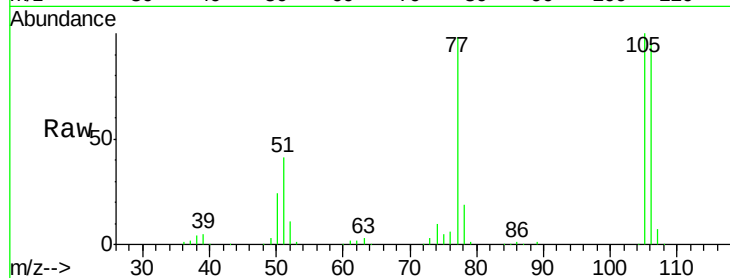
Tgt Ion: 77 Resp: 179588

Ion Ratio Lower Upper

77 100

105 102.0 80.1 120.1

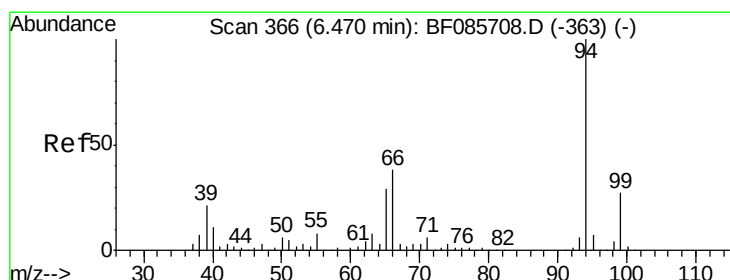
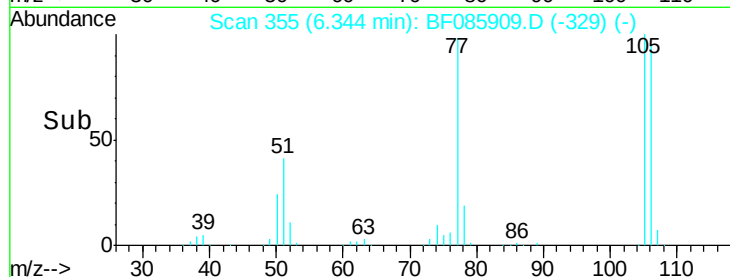
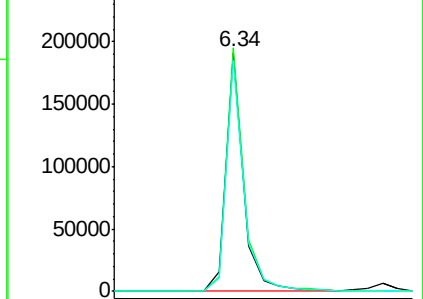
106 96.6 75.0 115.0



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: 52.41 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

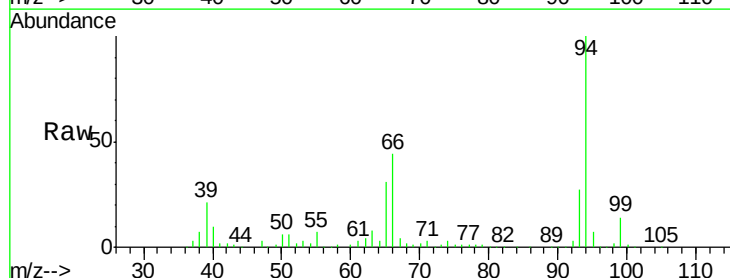
Tgt Ion: 94 Resp: 469257

Ion Ratio Lower Upper

94 100

65 31.0 8.6 48.6

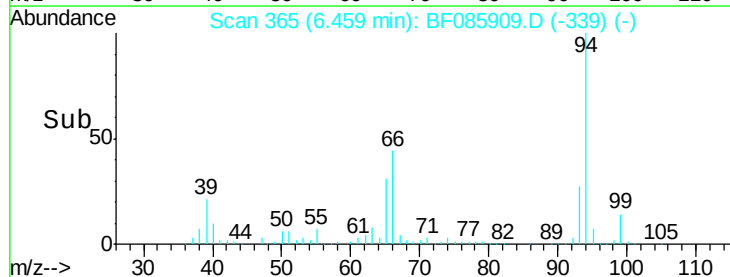
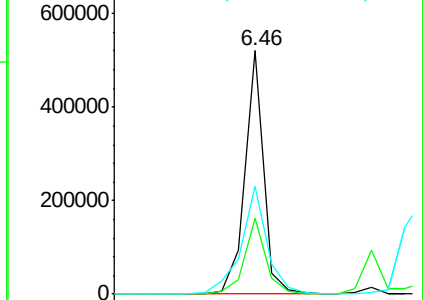
66 44.1 20.0 60.0

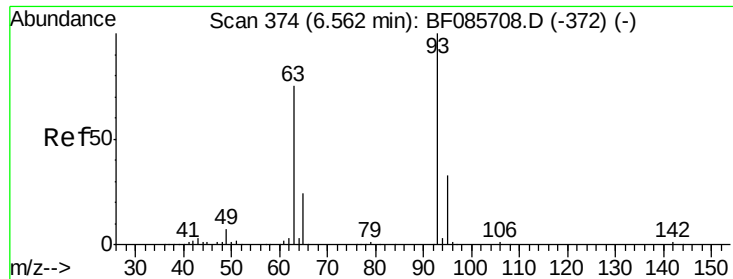


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

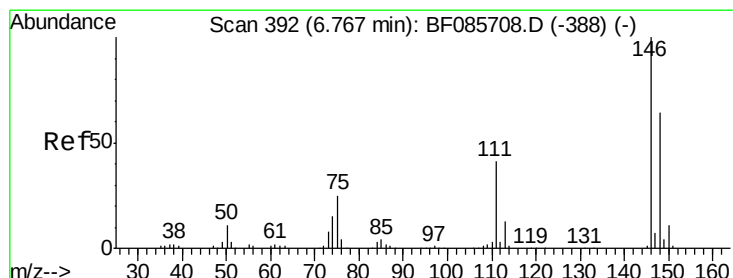
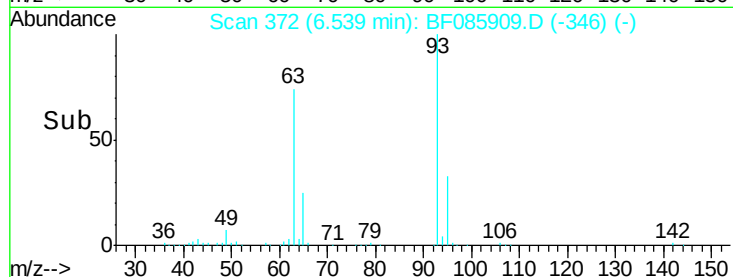
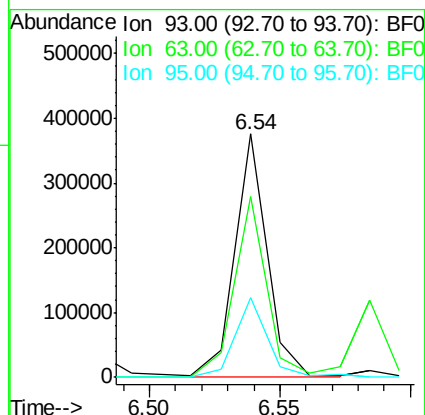
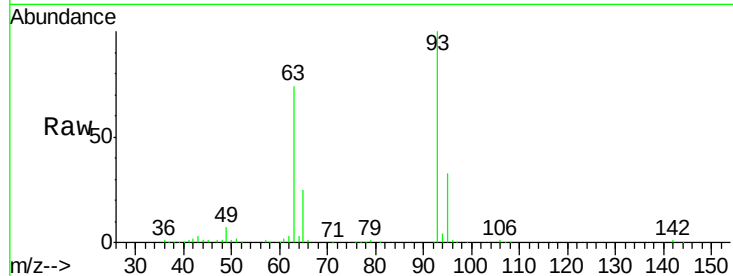




#11
bis(2-Chloroethyl)ether
Concen: 47.50 ng
RT: 6.54 min Scan# 372
Delta R.T. -0.00 min
Lab File: BF085909.D
Acq: 31 Mar 2016 3:57

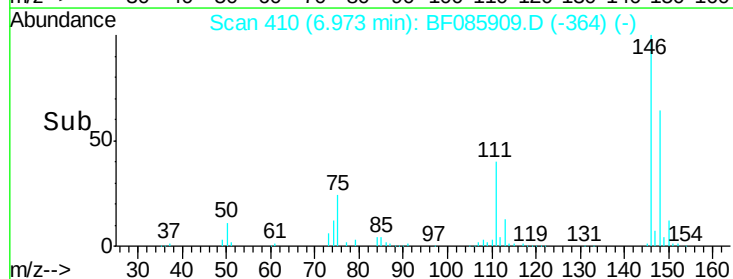
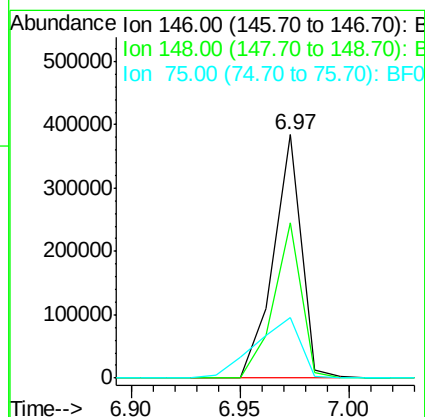
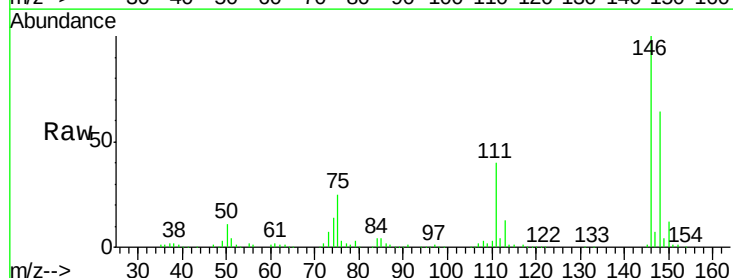
Instrument :
BNA_F
ClientSampleId :
BOTTOM-EAST-END-14BGLMS

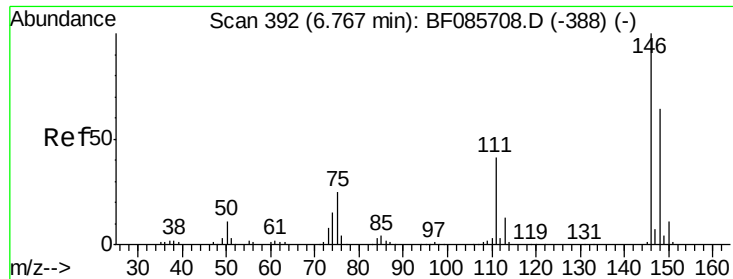
Tgt Ion: 93 Resp: 327263
Ion Ratio Lower Upper
93 100
63 74.3 50.9 90.9
95 32.8 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 44.99 ng
RT: 6.97 min Scan# 410
Delta R.T. 0.23 min
Lab File: BF085909.D
Acq: 31 Mar 2016 3:57

Tgt Ion: 146 Resp: 349837
Ion Ratio Lower Upper
146 100
148 63.9 52.3 78.5
75 24.8 17.4 26.2

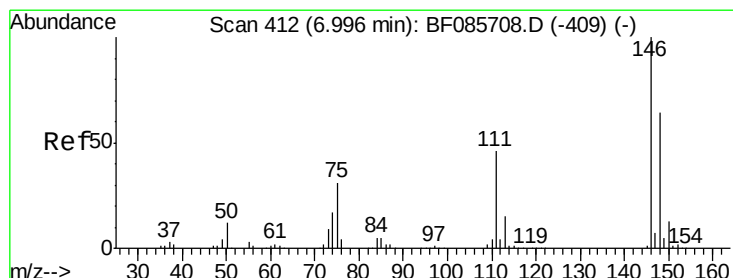
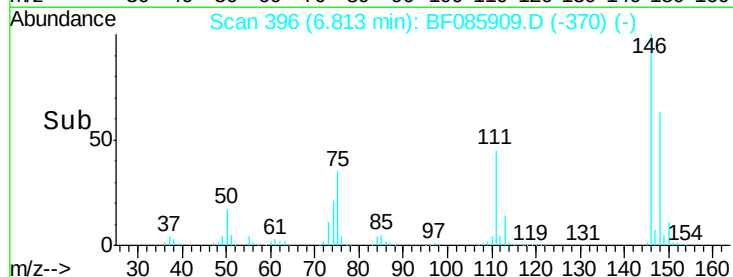
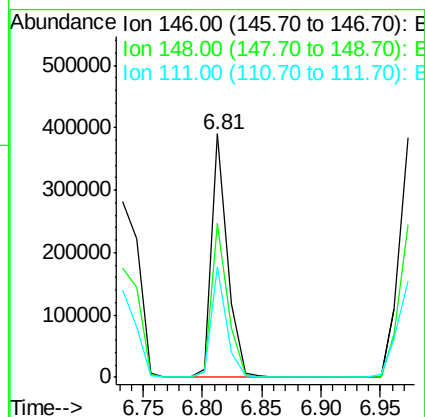
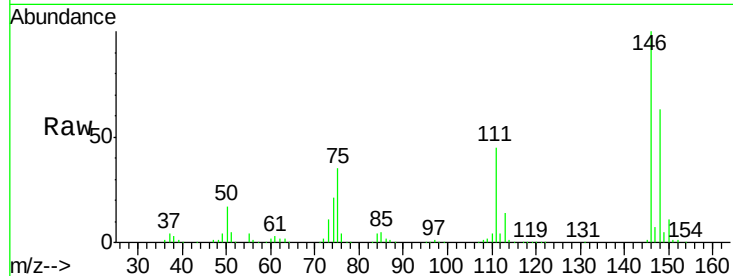




#13
 1,4-Dichlorobenzene
 Concen: 46.21 ng
 RT: 6.81 min Scan# 396
 Delta R.T. -0.00 min
 Lab File: BF085909.D
 Acq: 31 Mar 2016 3:57

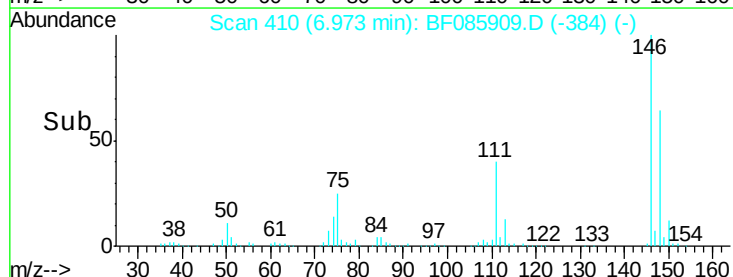
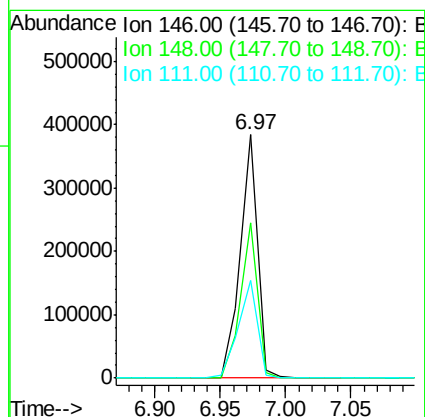
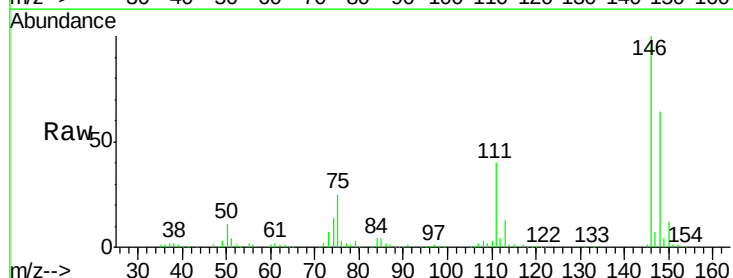
Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-EAST-END-14BGLMS

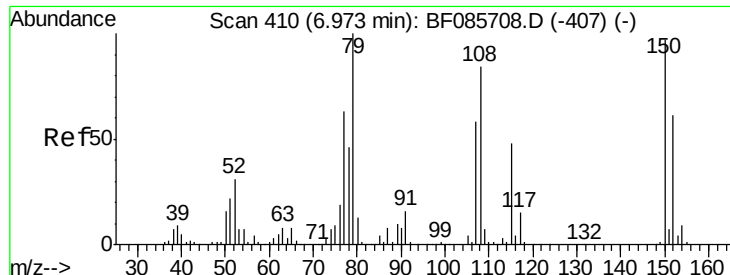
Tgt Ion:146 Resp: 364477
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.6 76.0
 111 45.5 37.8 56.6



#14
 1,2-Dichlorobenzene
 Concen: 47.67 ng
 RT: 6.97 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: BF085909.D
 Acq: 31 Mar 2016 3:57

Tgt Ion:146 Resp: 350393
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.4 77.2
 111 40.4 34.6 52.0

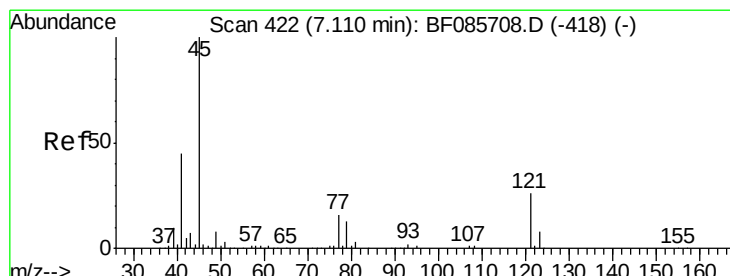
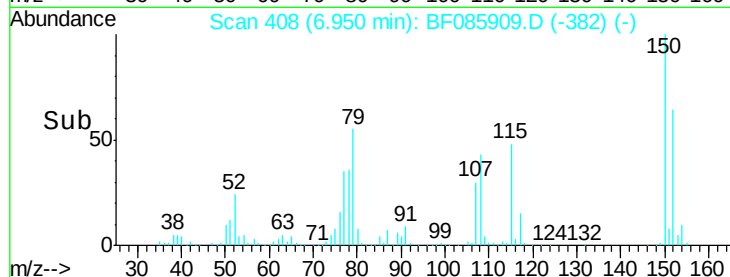
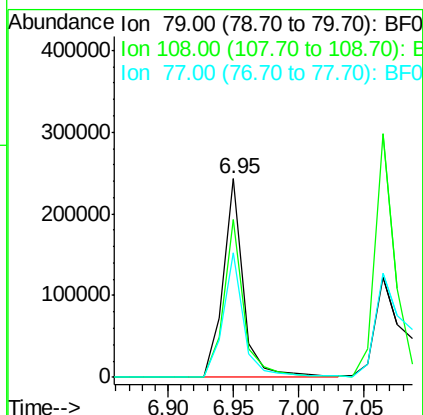
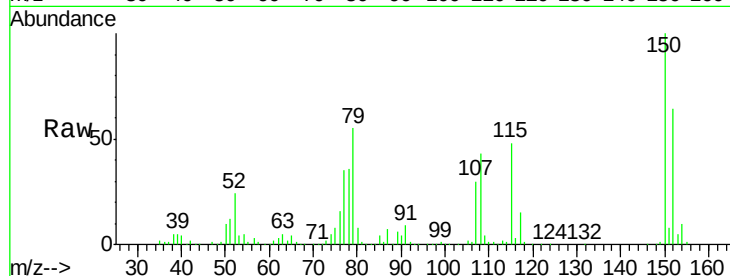




#15
Benzyl Alcohol
Concen: 50.68 ng
RT: 6.95 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF085909.D
Acq: 31 Mar 2016 3:57

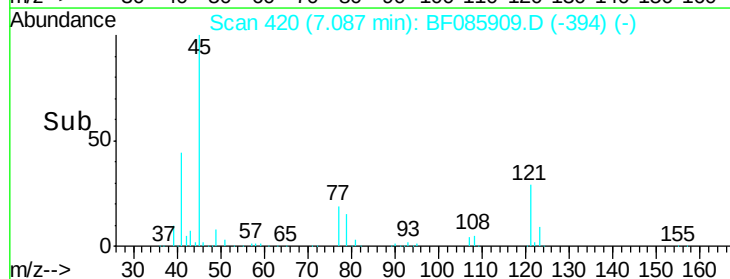
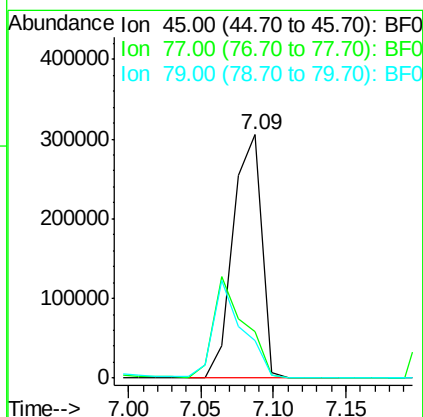
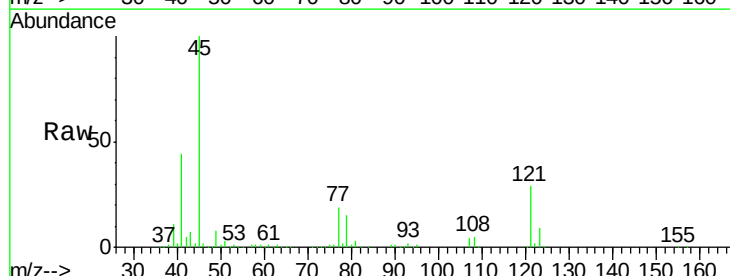
Instrument :
BNA_F
ClientSampleId :
BOTTOM-EAST-END-14BGLMS

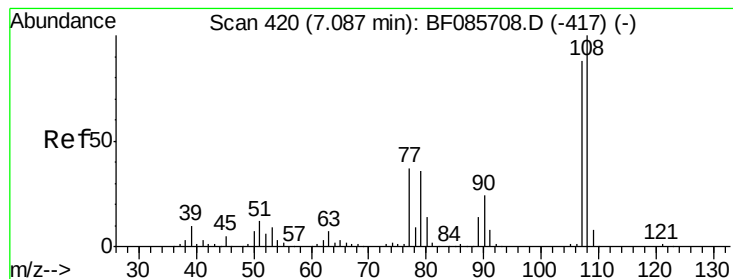
Tgt Ion: 79 Resp: 267208
Ion Ratio Lower Upper
79 100
108 79.2 61.8 92.6
77 62.9 49.6 74.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.73 ng
RT: 7.09 min Scan# 420
Delta R.T. -0.00 min
Lab File: BF085909.D
Acq: 31 Mar 2016 3:57

Tgt Ion: 45 Resp: 418030
Ion Ratio Lower Upper
45 100
77 19.2 0.0 35.7
79 15.4 0.0 32.2

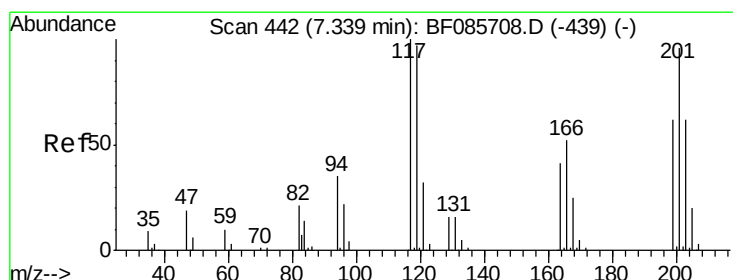
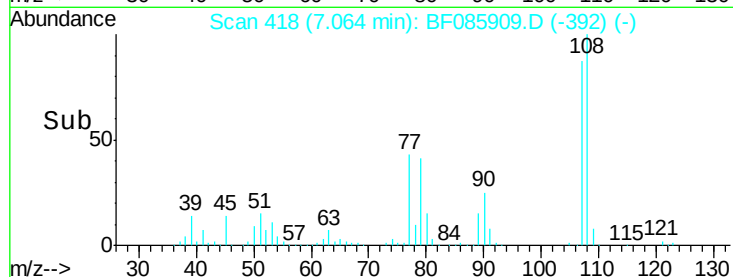
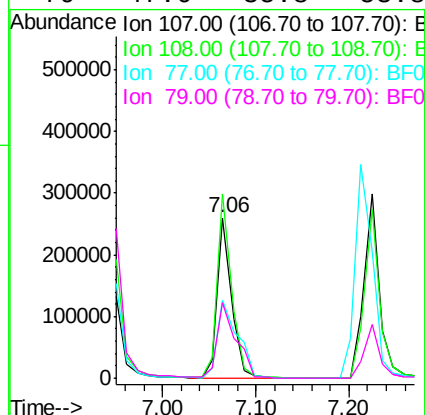
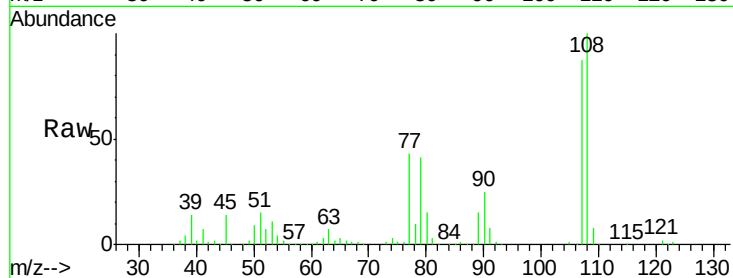




#17
 2-Methylphenol
 Concen: 48.02 ng
 RT: 7.06 min Scan# 418
 Delta R.T. -0.00 min
 Lab File: BF085909.D
 Acq: 31 Mar 2016 3:57

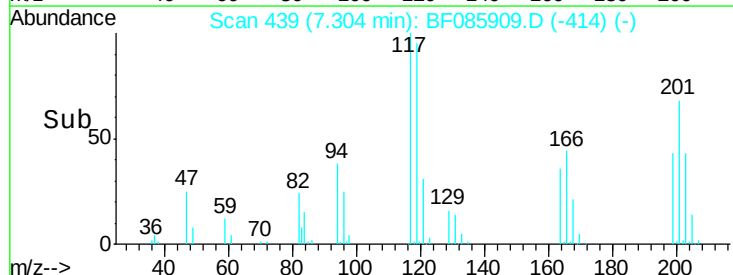
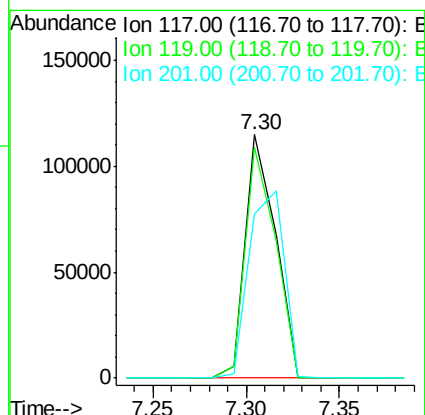
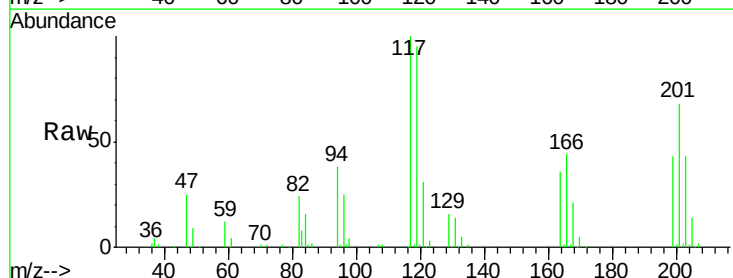
Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-EAST-END-14BGLMS

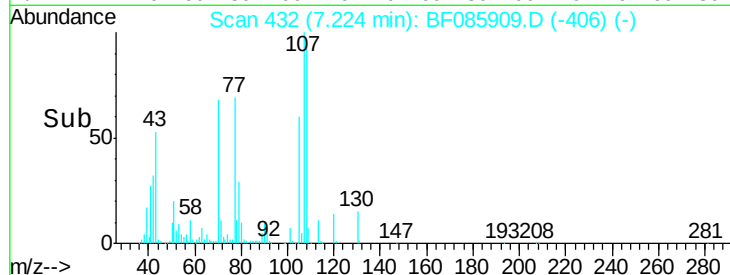
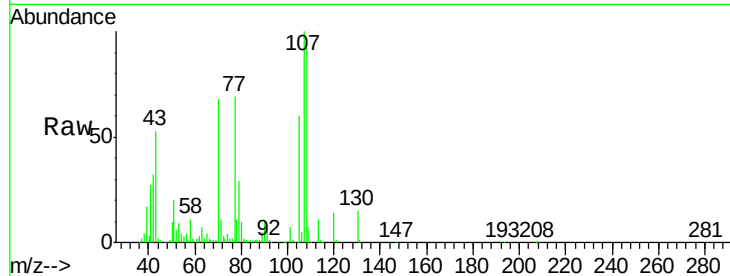
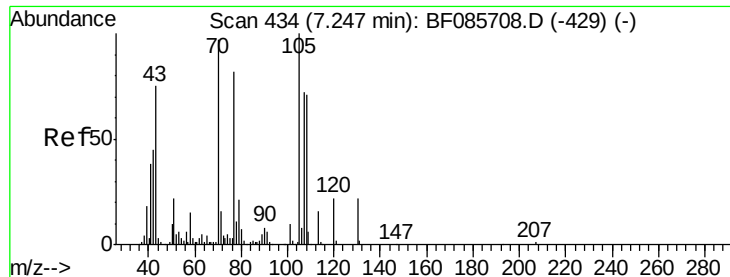
Tgt Ion:	107	Resp:	277622
Ion	Ratio	Lower	Upper
107	100		
108	114.5	91.4	137.0
77	48.8	36.2	54.2
79	47.0	35.8	53.8



#18
 Hexachloroethane
 Concen: 44.81 ng
 RT: 7.30 min Scan# 439
 Delta R.T. -0.01 min
 Lab File: BF085909.D
 Acq: 31 Mar 2016 3:57

Tgt Ion:	117	Resp:	129405
Ion	Ratio	Lower	Upper
117	100		
119	94.9	76.7	115.1
201	67.6	83.3	124.9#

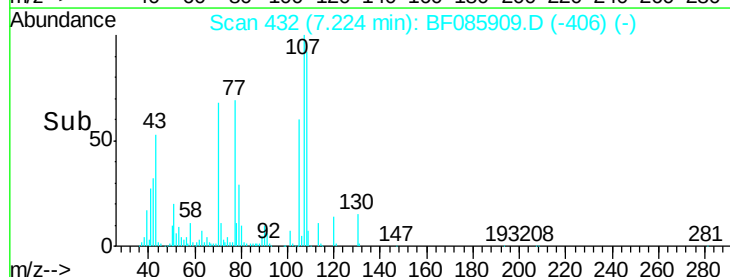
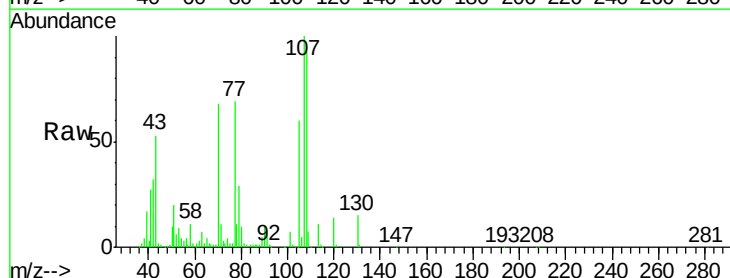
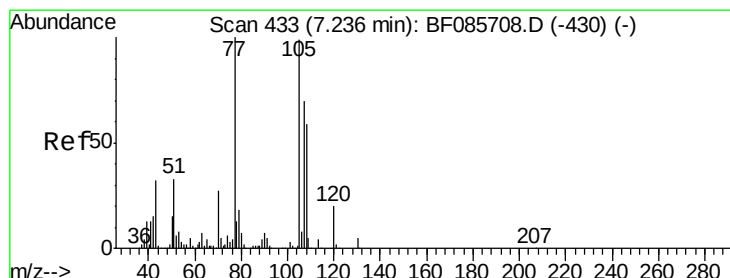
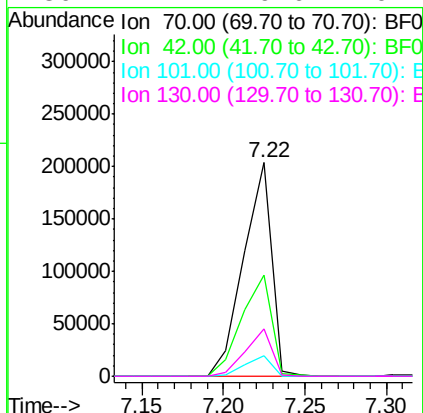




#19
n-Nitroso-di-n-propylamine
Concen: 51.31 ng
RT: 7.22 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF085909.D
Acq: 31 Mar 2016 3:57

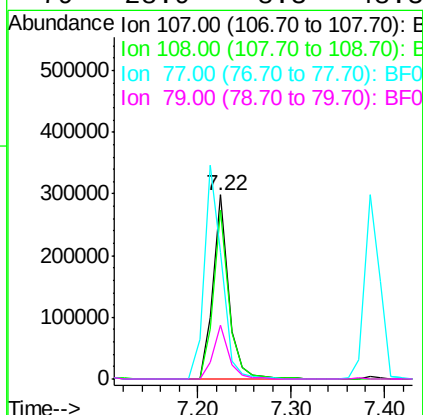
Instrument :
BNA_F
ClientSampleId :
BOTTOM-EAST-END-14BGLMS

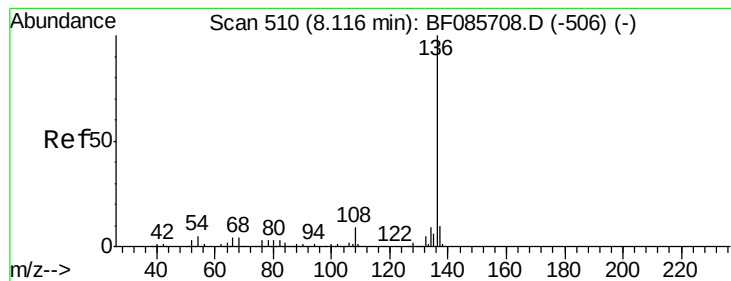
Tgt Ion	Ratio	Lower	Upper
70	100		
42	47.3	37.1	55.7
101	9.7	8.6	12.8
130	22.4	19.6	29.4



#20
3+4-Methylphenols
Concen: 50.40 ng
RT: 7.22 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF085909.D
Acq: 31 Mar 2016 3:57

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.7	69.3	109.3
77	68.8	101.7	141.7#
79	28.9	8.3	48.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-END-14BGLMS

Tgt Ion:136 Resp: 389499

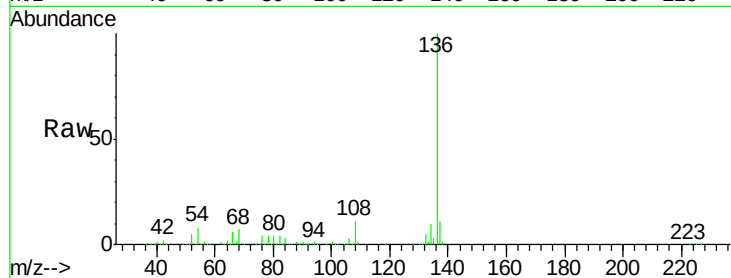
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.5 7.4 11.0

68 6.8 5.8 8.8

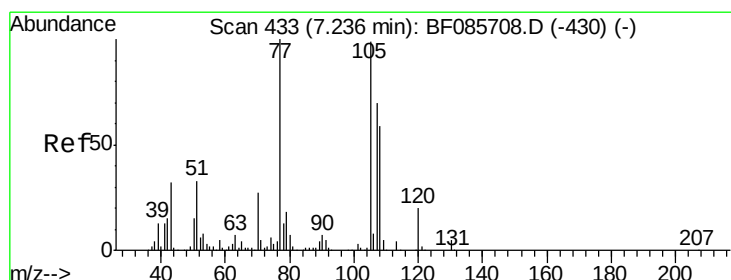
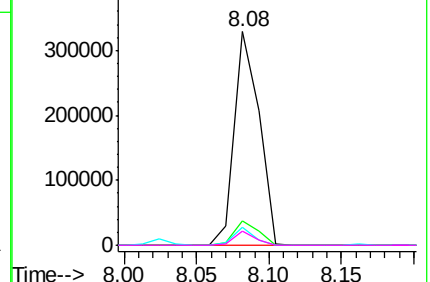
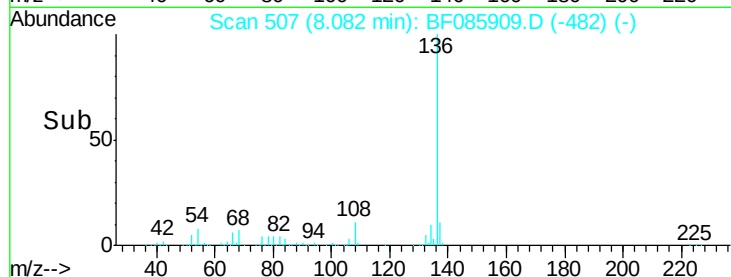


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 51.43 ng

RT: 7.21 min Scan# 431

Delta R.T. -0.00 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

Tgt Ion:105 Resp: 466639

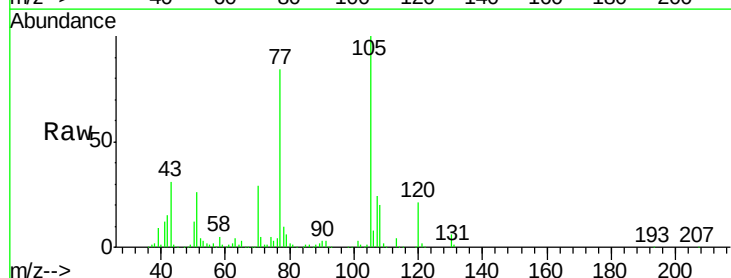
Ion Ratio Lower Upper

105 100

71 4.8 3.6 5.4

51 26.4 25.4 38.0

120 21.4 16.9 25.3

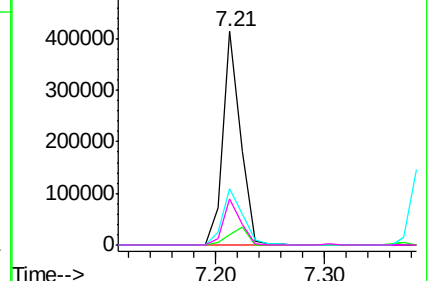
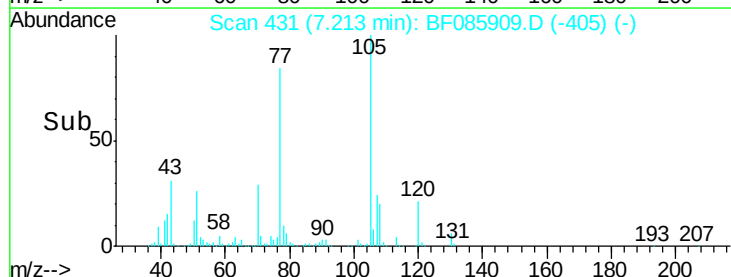


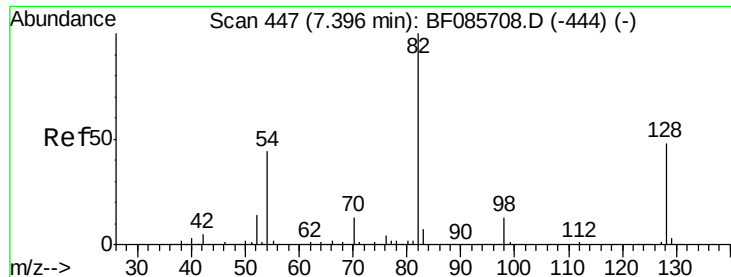
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 108.33 ng

RT: 7.37 min Scan# 445

Delta R.T. -0.00 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-END-14BGLMS

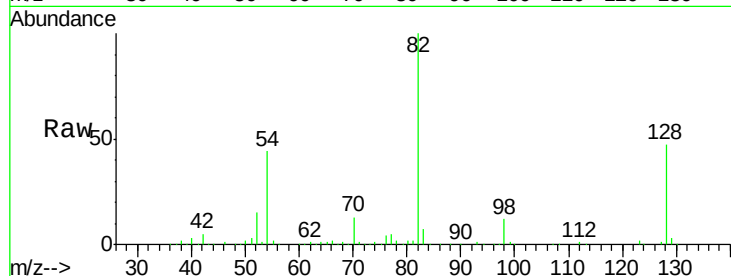
Tgt Ion: 82 Resp: 749285

Ion Ratio Lower Upper

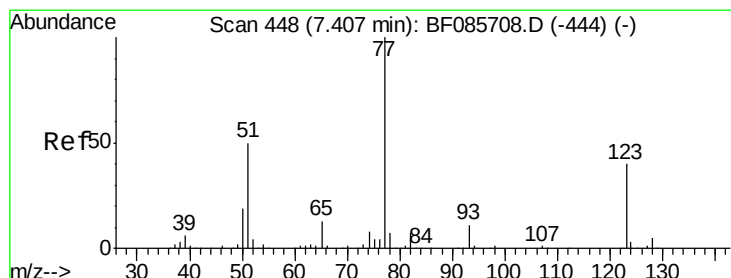
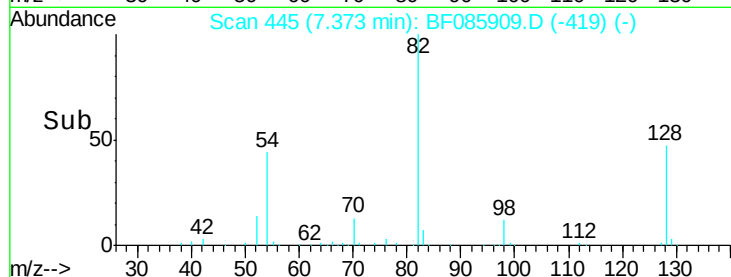
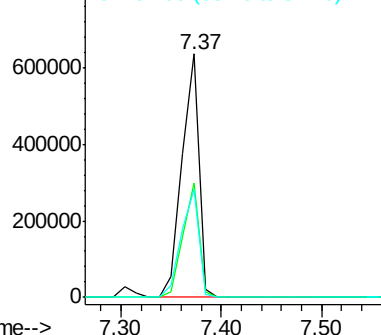
82 100

128 46.9 41.8 62.8

54 44.2 33.4 50.0



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



#24

Nitrobenzene

Concen: 47.39 ng

RT: 7.38 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

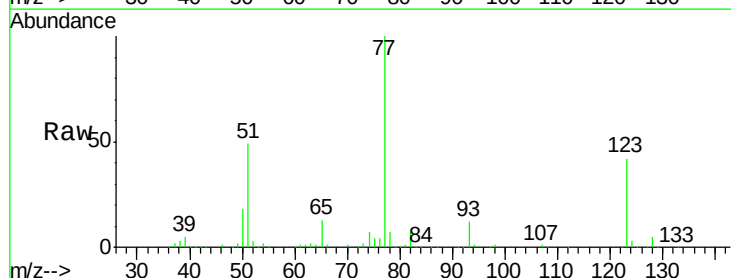
Tgt Ion: 77 Resp: 337901

Ion Ratio Lower Upper

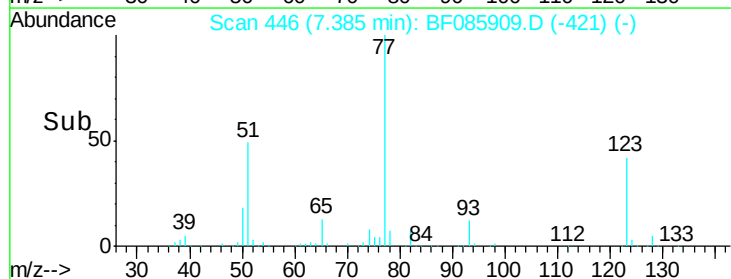
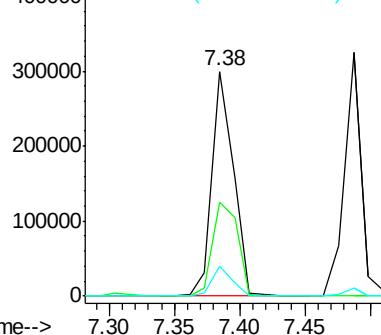
77 100

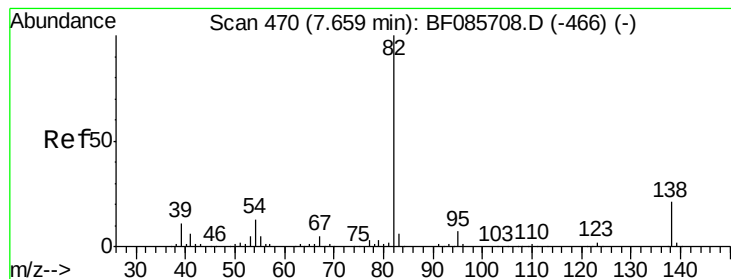
123 41.6 35.0 52.4

65 13.3 10.6 16.0



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





#25

Isophorone

Concen: 50.24 ng

RT: 7.62 min Scan# 467

Delta R.T. -0.01 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-END-14BGLMS

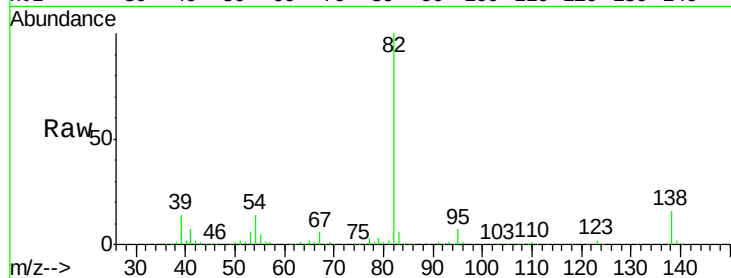
Tgt Ion: 82 Resp: 669397

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

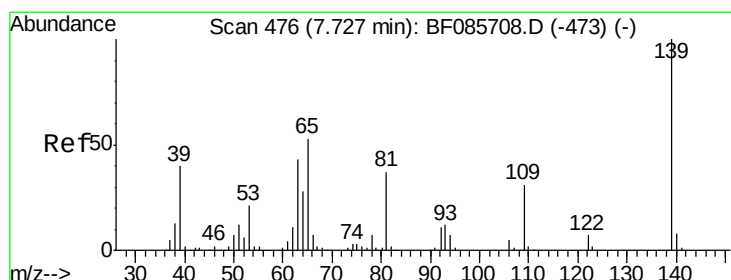
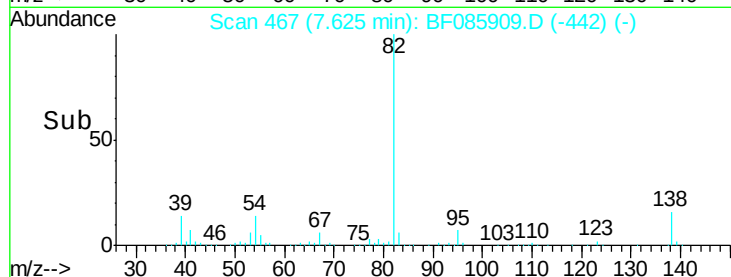
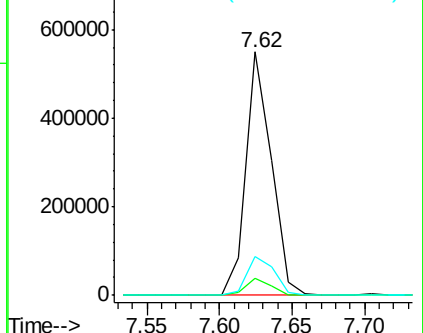
138 16.1 12.9 19.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 52.31 ng

RT: 7.70 min Scan# 474

Delta R.T. -0.00 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

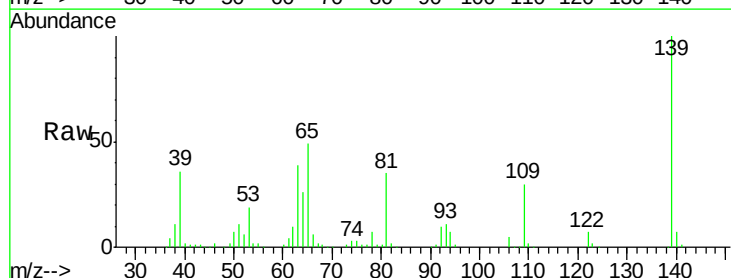
Tgt Ion: 139 Resp: 186577

Ion Ratio Lower Upper

139 100

109 29.6 22.1 33.1

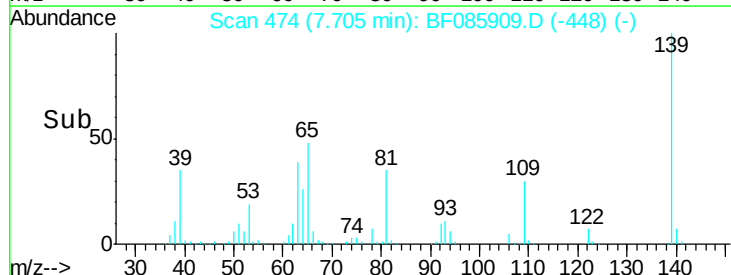
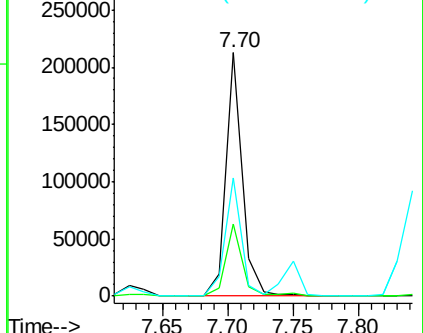
65 48.6 33.9 50.9

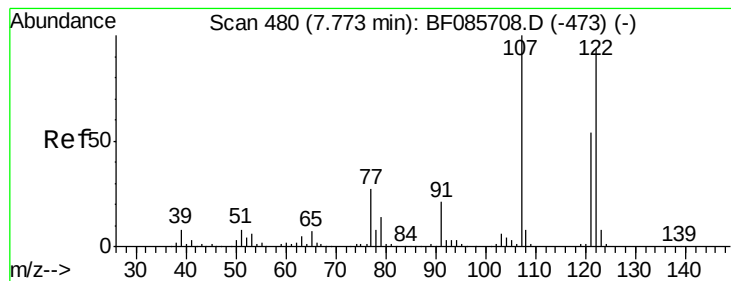


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 50.70 ng

RT: 7.75 min Scan# 478

Delta R.T. -0.00 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-END-14BGLMS

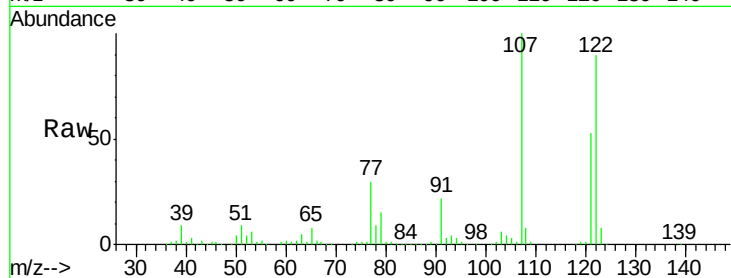
Tgt Ion:122 Resp: 316079

Ion Ratio Lower Upper

122 100

107 111.2 93.0 139.6

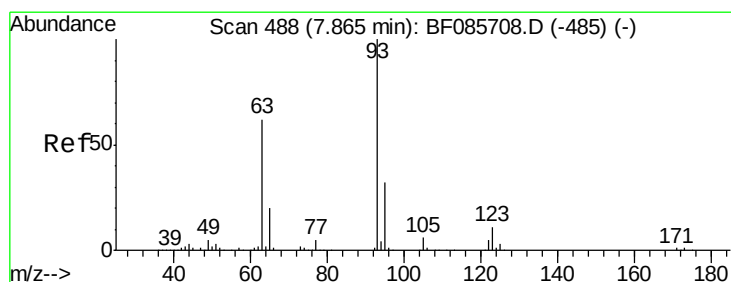
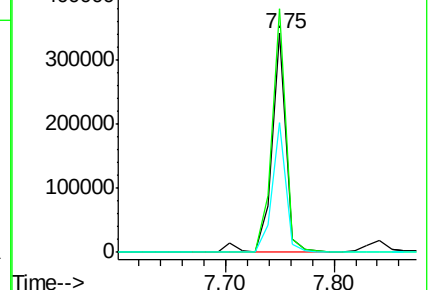
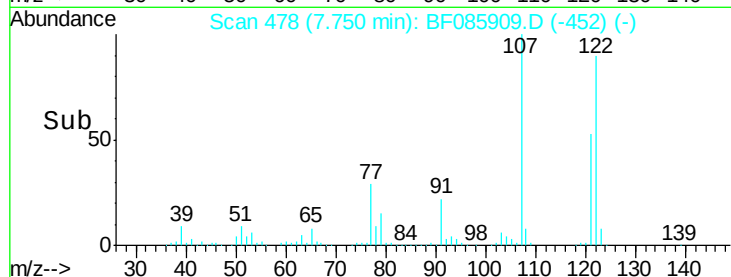
121 59.1 45.9 68.9



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: 57.83 ng

RT: 7.84 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

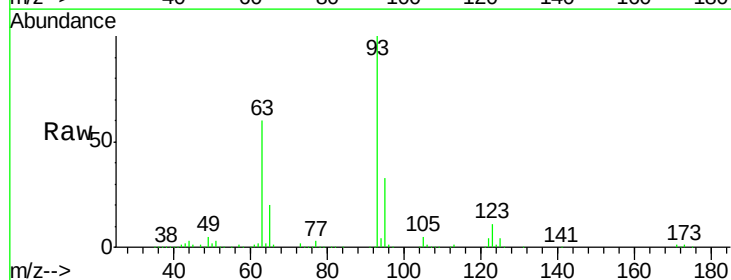
Tgt Ion: 93 Resp: 439045

Ion Ratio Lower Upper

93 100

95 32.9 26.4 39.6

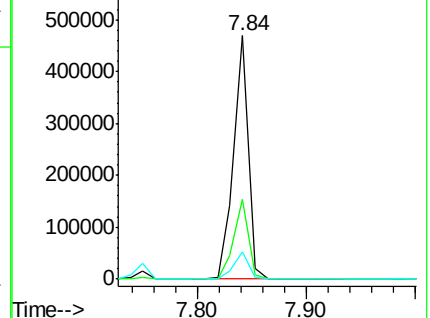
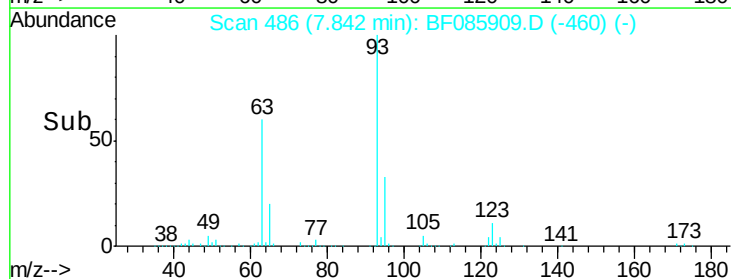
123 11.2 9.8 14.6

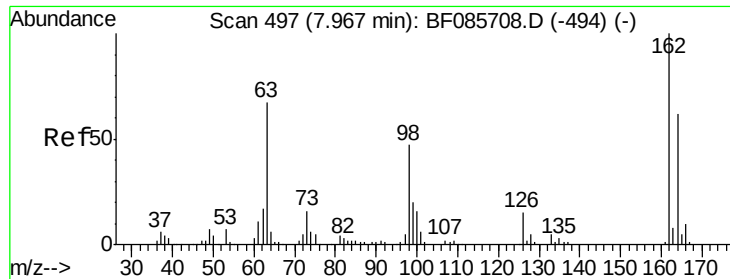


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

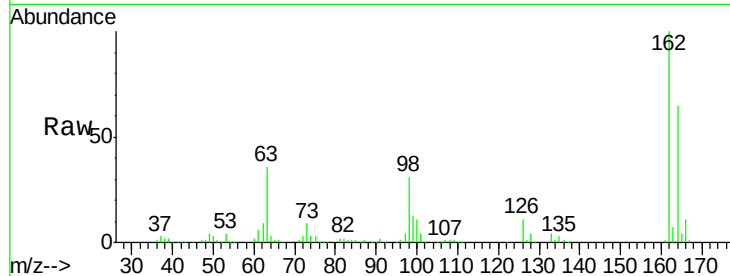




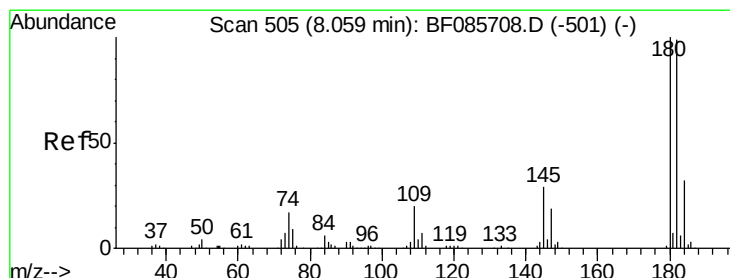
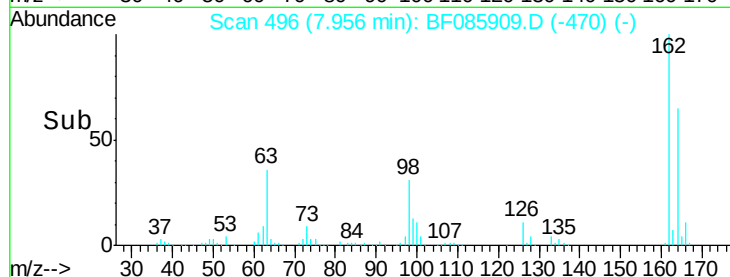
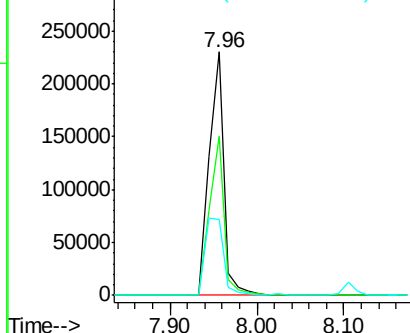
#29
 2,4-Dichlorophenol
 Concen: 52.37 ng
 RT: 7.96 min Scan# 496
 Delta R.T. -0.00 min
 Lab File: BF085909.D
 Acq: 31 Mar 2016 3:57

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-EAST-END-14BGLMS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.3	43.7	83.7
98	31.2	20.4	60.4

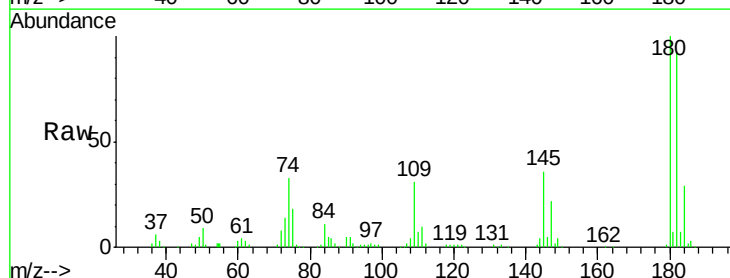


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

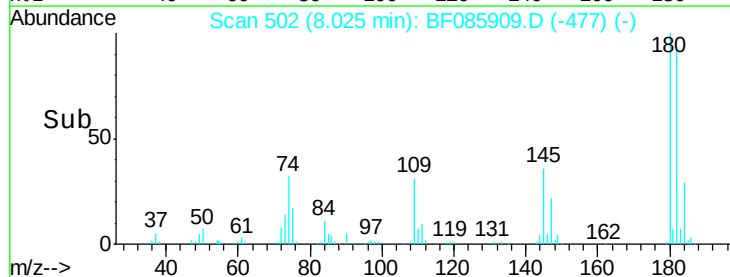
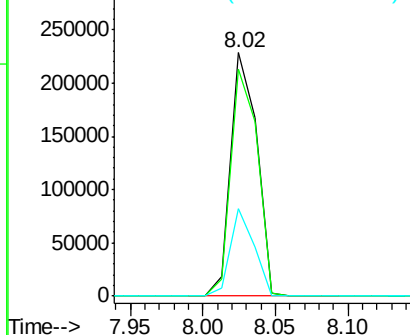


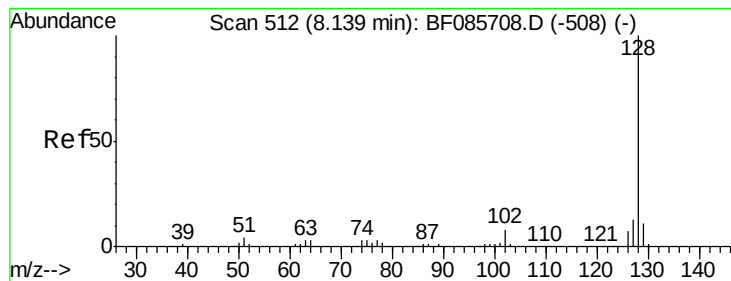
#30
 1,2,4-Trichlorobenzene
 Concen: 49.14 ng
 RT: 8.02 min Scan# 502
 Delta R.T. -0.01 min
 Lab File: BF085909.D
 Acq: 31 Mar 2016 3:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	73.8	110.8
145	35.8	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: 47.05 ng

RT: 8.10 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-END-14BGLMS

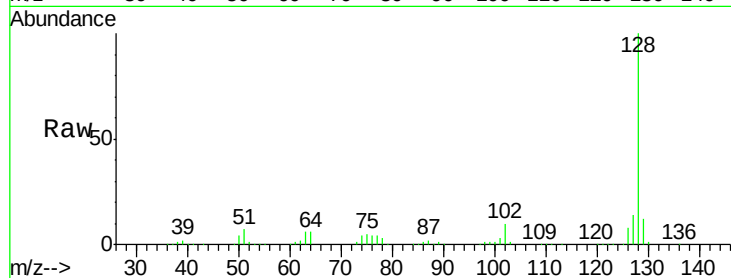
Tgt Ion:128 Resp: 923493

Ion Ratio Lower Upper

128 100

129 11.6 9.4 14.0

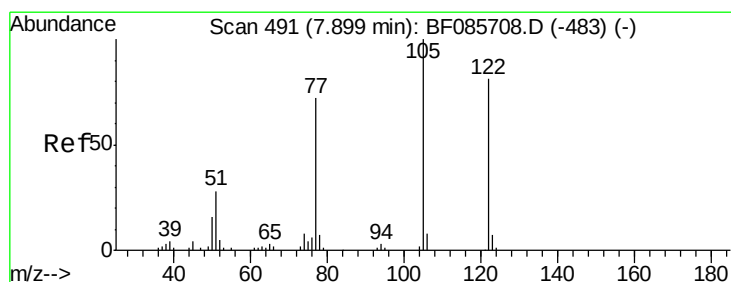
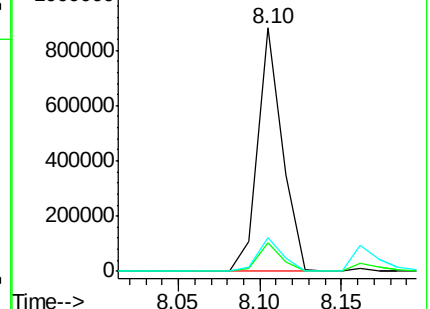
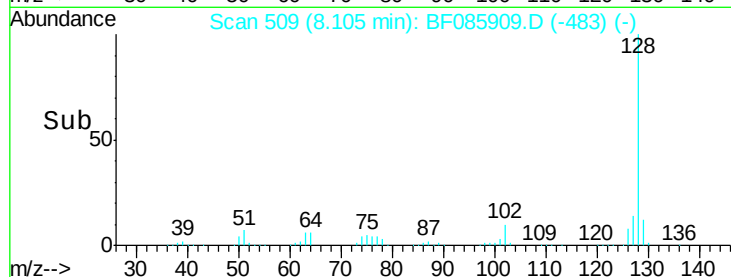
127 13.6 11.0 16.6



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: 7.50 ng

RT: 7.84 min Scan# 486

Delta R.T. -0.05 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

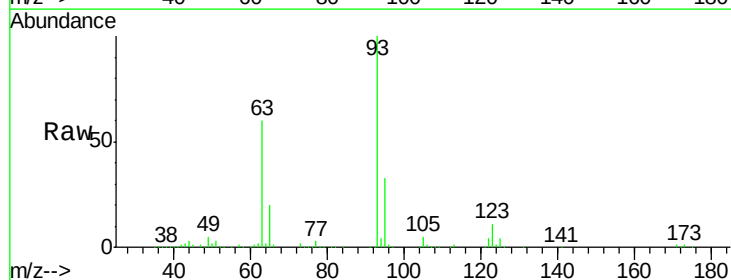
Tgt Ion:122 Resp: 31049

Ion Ratio Lower Upper

122 100

105 114.6 102.9 142.9

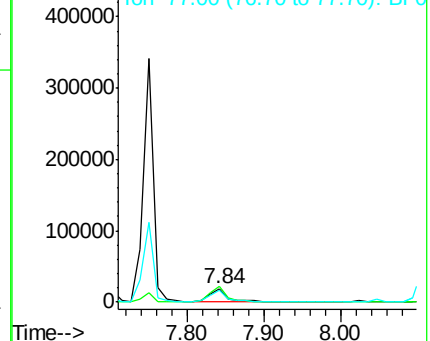
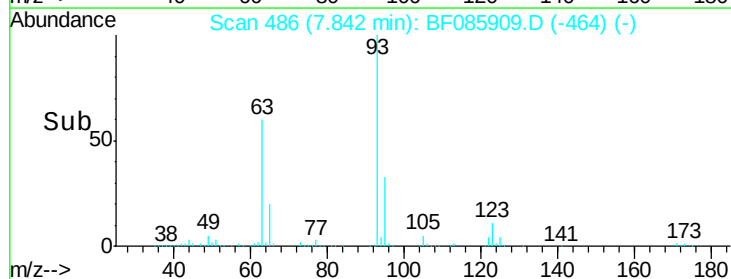
77 86.8 71.8 111.8

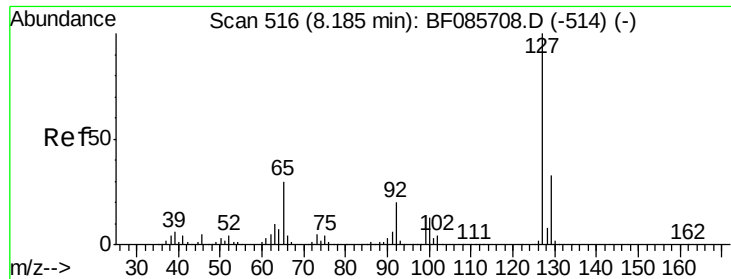


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

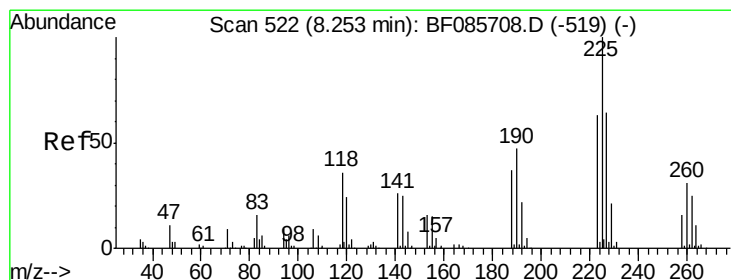
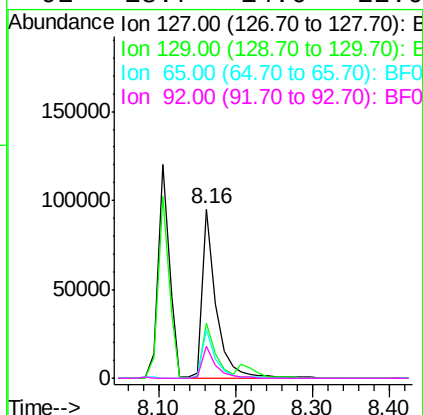
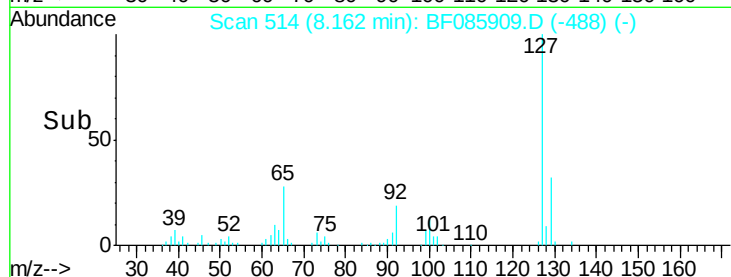
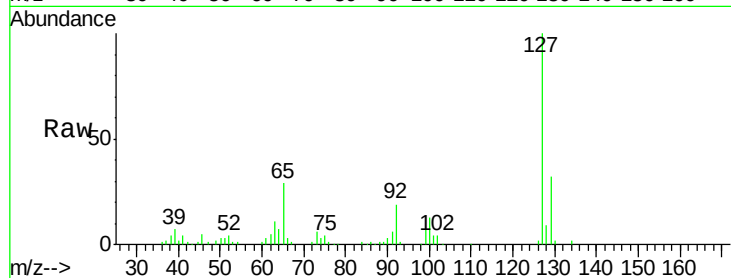




#33
4-Chloroaniline
Concen: 14.90 ng
RT: 8.16 min Scan# 514
Delta R.T. -0.00 min
Lab File: BF085909.D
Acq: 31 Mar 2016 3:57

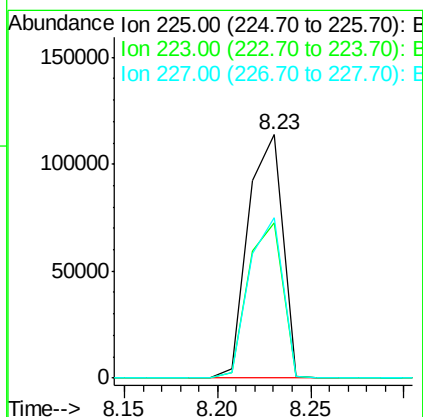
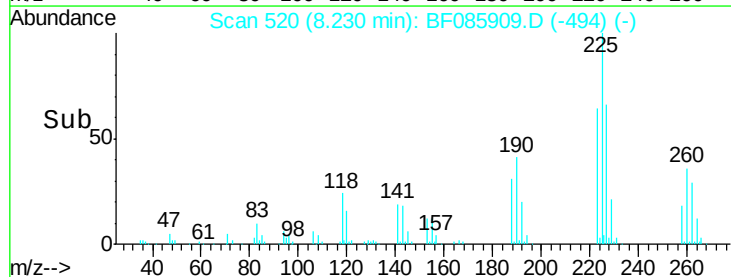
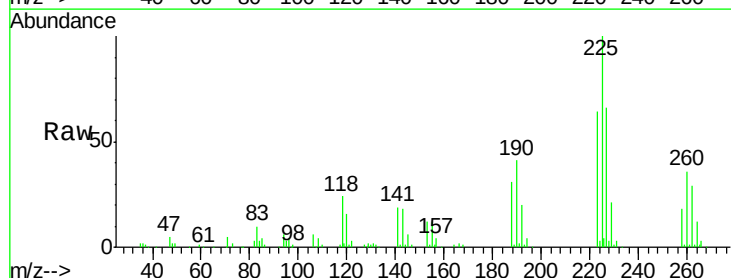
Instrument :
BNA_F
ClientSampleId :
BOTTOM-EAST-END-14BGLMS

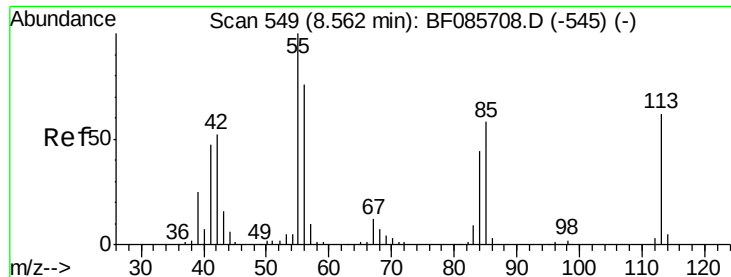
Tgt Ion:	127	Resp:	119409
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.1	39.1
65	28.9	19.5	29.3
92	18.7	14.6	22.0



#34
Hexachlorobutadiene
Concen: 45.75 ng
RT: 8.23 min Scan# 520
Delta R.T. -0.00 min
Lab File: BF085909.D
Acq: 31 Mar 2016 3:57

Tgt Ion:	225	Resp:	144679
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.4	75.6
227	66.0	51.4	77.2

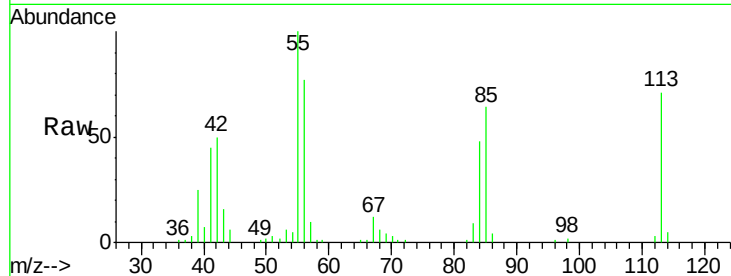




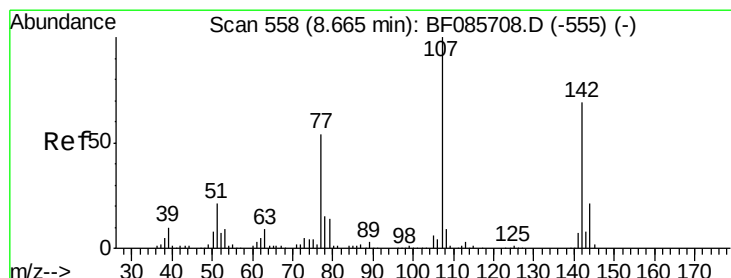
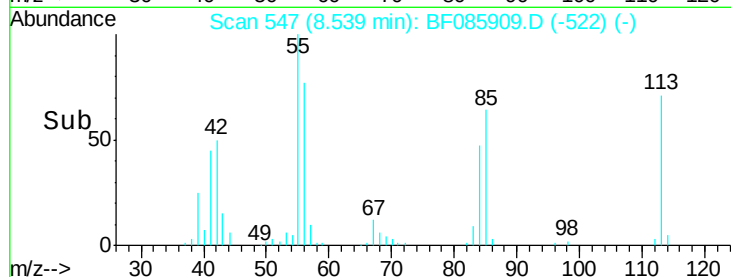
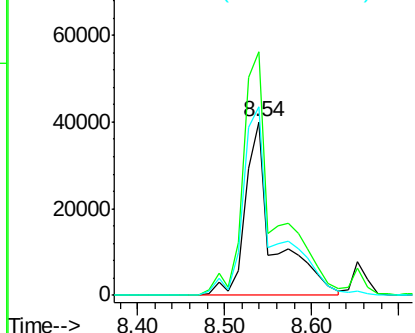
#35
 Caprolactam
 Concen: 49.34 ng
 RT: 8.54 min Scan# 547
 Delta R.T. -0.01 min
 Lab File: BF085909.D
 Acq: 31 Mar 2016 3:57

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-EAST-END-14BGLMS

Tgt Ion:113 Resp: 91614
 Ion Ratio Lower Upper
 113 100
 55 140.3 139.4 179.4
 56 108.6 100.4 140.4

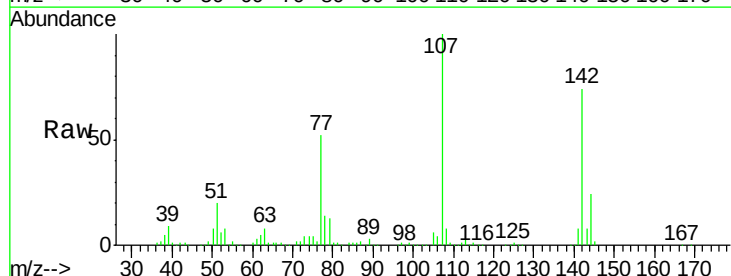


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

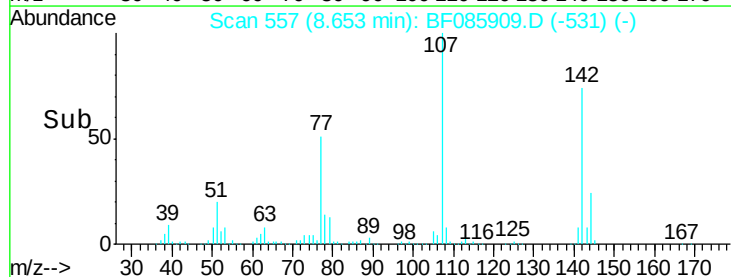
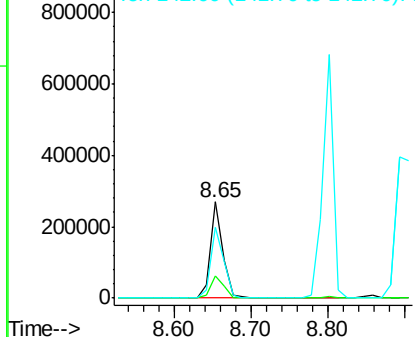


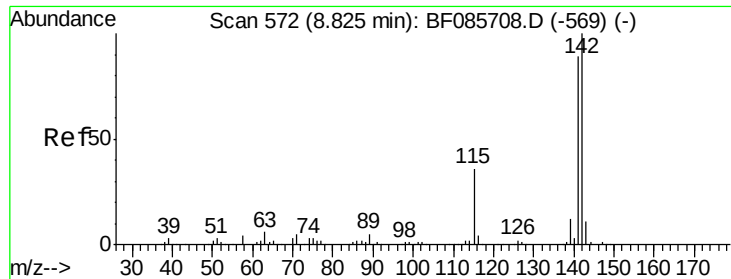
#36
 4-Chloro-3-methylphenol
 Concen: 48.01 ng
 RT: 8.65 min Scan# 557
 Delta R.T. -0.00 min
 Lab File: BF085909.D
 Acq: 31 Mar 2016 3:57

Tgt Ion:107 Resp: 293902
 Ion Ratio Lower Upper
 107 100
 144 23.6 19.3 28.9
 142 74.2 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: 61.36 ng

RT: 8.80 min Scan# 570

Delta R.T. -0.00 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-END-14BGLMS

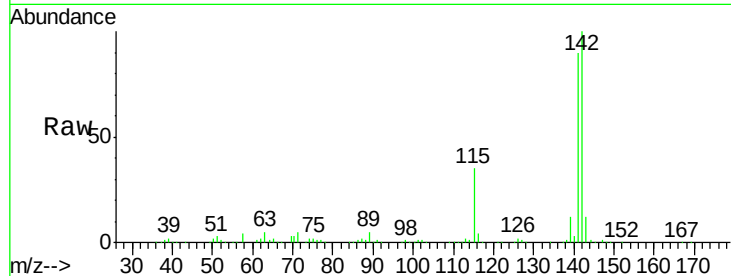
Tgt Ion:142 Resp: 642321

Ion Ratio Lower Upper

142 100

141 89.7 71.6 107.4

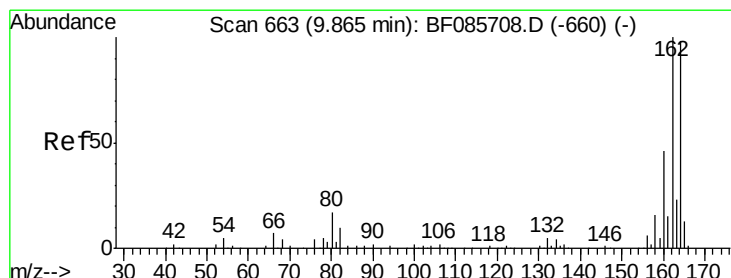
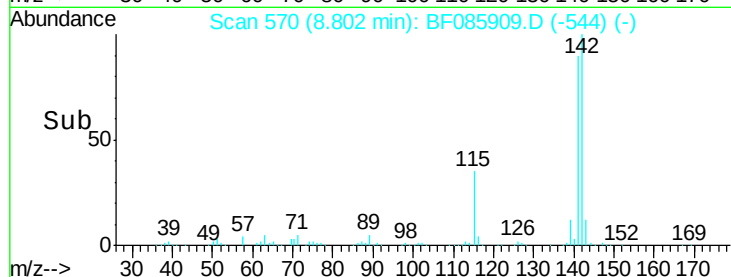
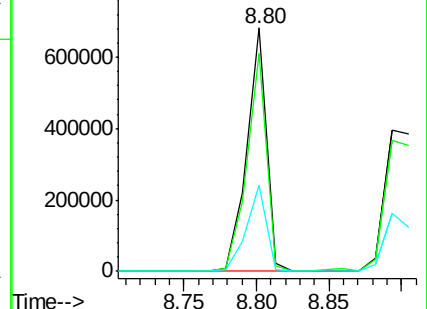
115 35.4 26.8 40.2



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: 9.84 min Scan# 661

Delta R.T. -0.00 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

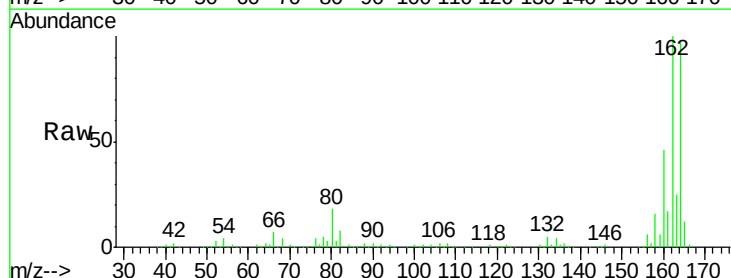
Tgt Ion:164 Resp: 185317

Ion Ratio Lower Upper

164 100

162 102.8 82.1 123.1

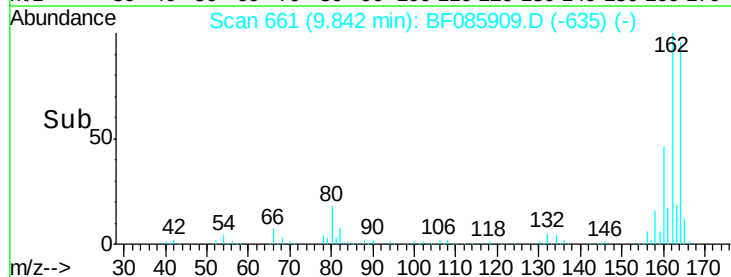
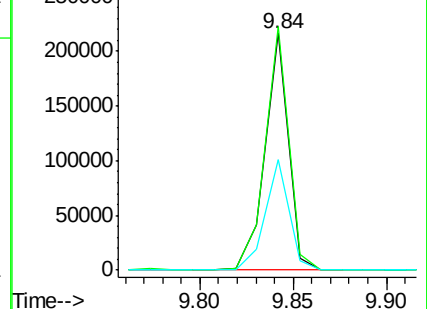
160 46.9 37.4 56.2

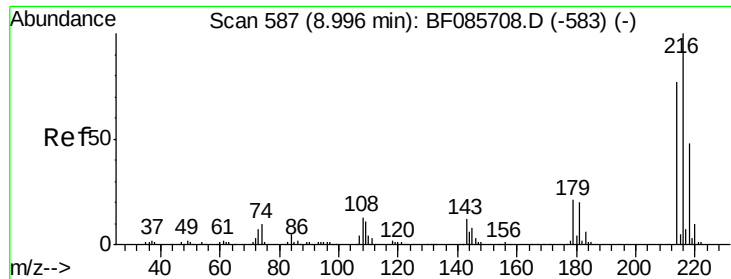


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

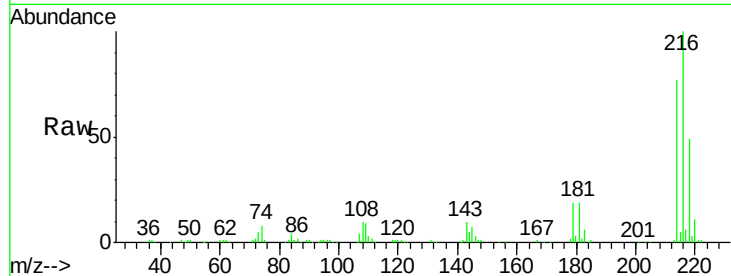




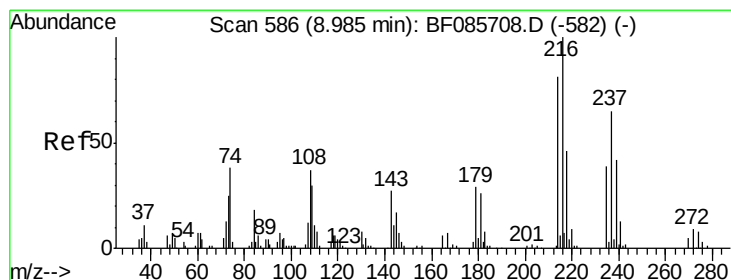
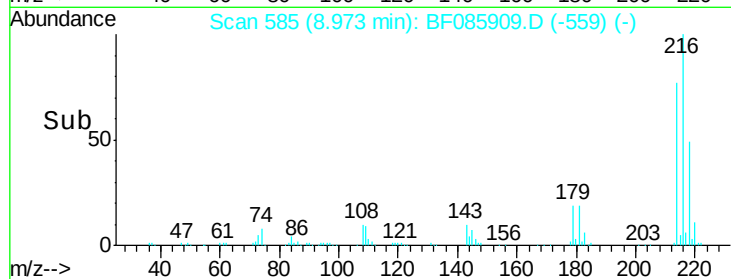
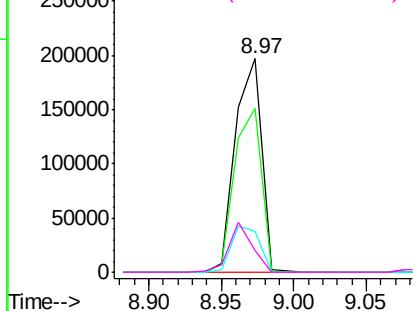
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.08 ng
 RT: 8.97 min Scan# 585
 Delta R.T. -0.00 min
 Lab File: BF085909.D
 Acq: 31 Mar 2016 3:57

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-EAST-END-14BGLMS

Tgt Ion:	216	Resp:	247719
Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.1	94.7
179	23.2	18.2	27.2
108	21.2	17.3	25.9

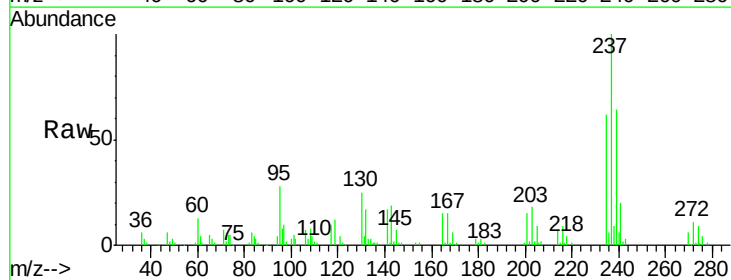


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

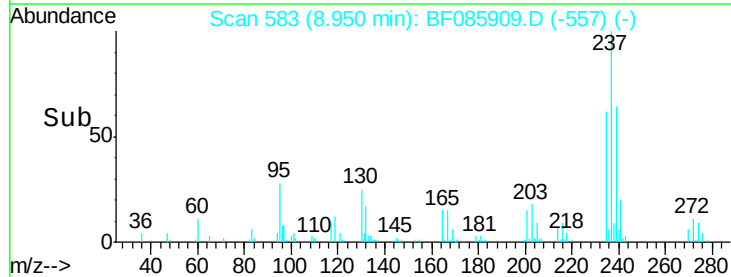
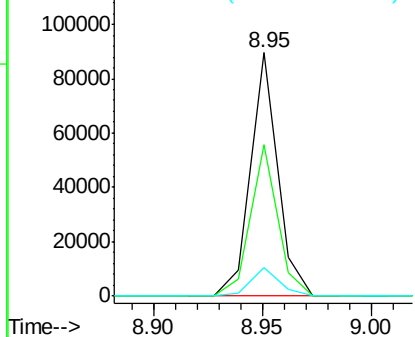


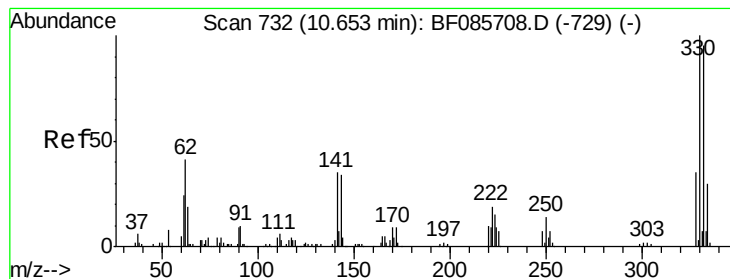
#40
 Hexachlorocyclopentadiene
 Concen: 39.20 ng
 RT: 8.95 min Scan# 583
 Delta R.T. -0.00 min
 Lab File: BF085909.D
 Acq: 31 Mar 2016 3:57

Tgt Ion:	237	Resp:	77669
Ion	Ratio	Lower	Upper
237	100		
235	62.4	43.7	83.7
272	11.5	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

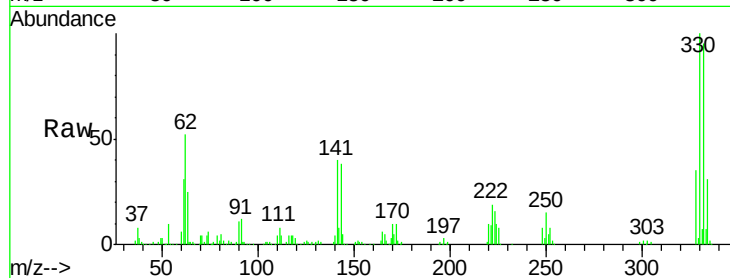




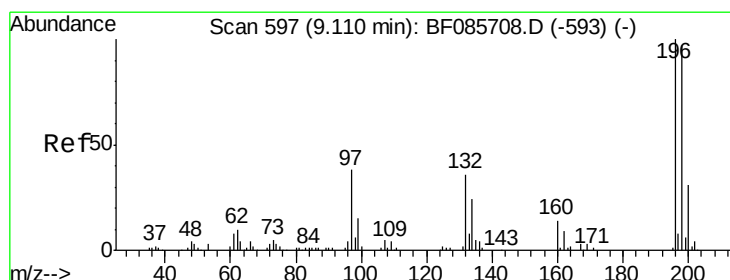
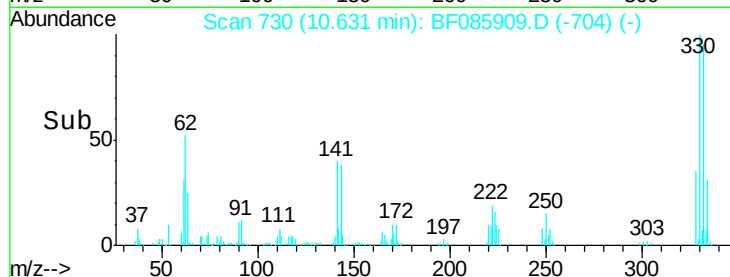
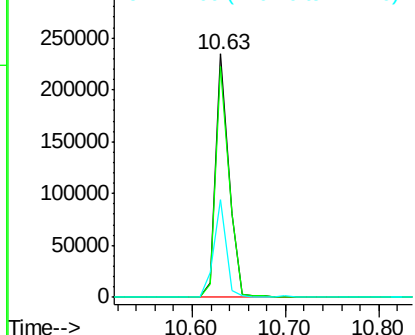
#41
 2,4,6-Tribromophenol
 Concen: 131.97 ng
 RT: 10.63 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: BF085909.D
 Acq: 31 Mar 2016 3:57

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-EAST-END-14BGLMS

Tgt Ion:330 Resp: 232360
 Ion Ratio Lower Upper
 330 100
 332 96.0 78.2 117.2
 141 37.6 31.5 47.3

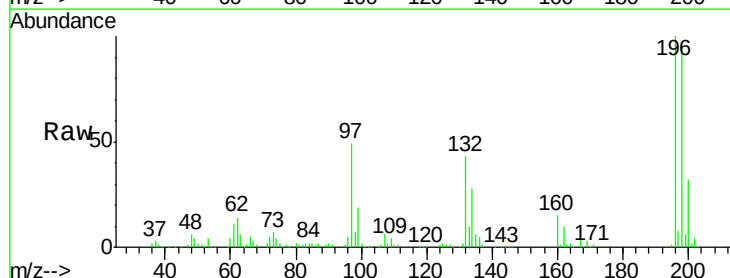


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

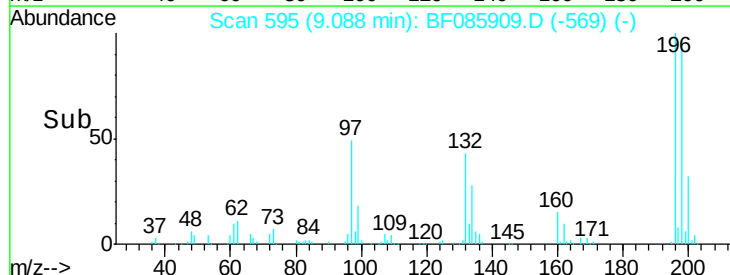
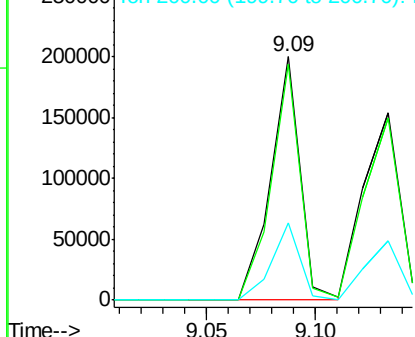


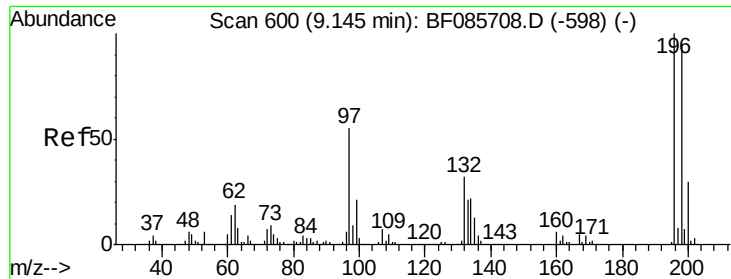
#42
 2,4,6-Trichlorophenol
 Concen: 51.08 ng
 RT: 9.09 min Scan# 595
 Delta R.T. -0.00 min
 Lab File: BF085909.D
 Acq: 31 Mar 2016 3:57

Tgt Ion:196 Resp: 189581
 Ion Ratio Lower Upper
 196 100
 198 96.9 75.3 112.9
 200 31.6 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

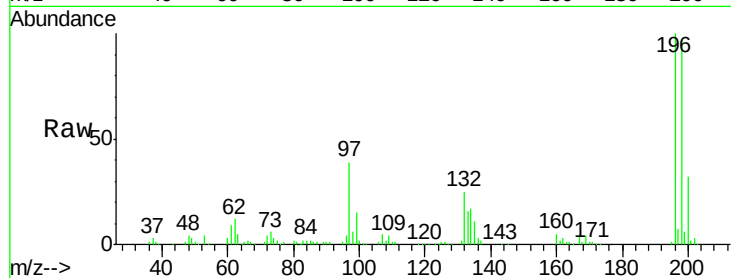




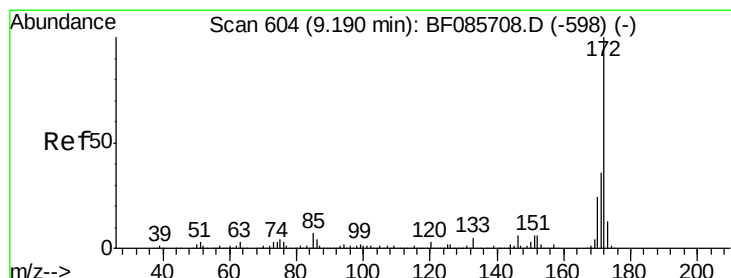
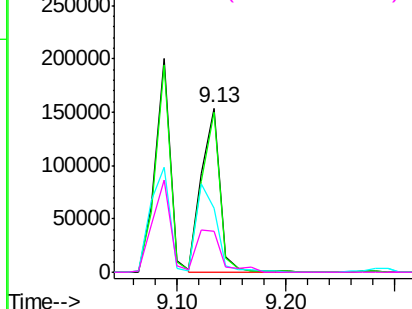
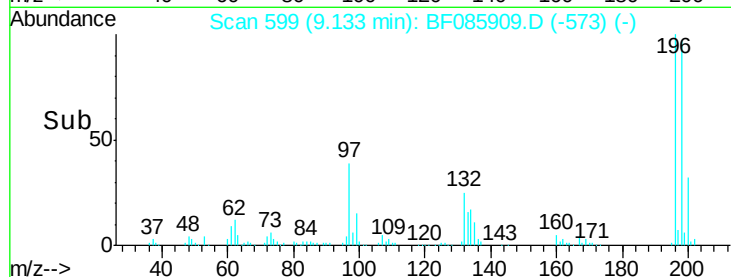
#43
 2,4,5-Trichlorophenol
 Concen: 47.27 ng
 RT: 9.13 min Scan# 599
 Delta R.T. -0.00 min
 Lab File: BF085909.D
 Acq: 31 Mar 2016 3:57

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-EAST-END-14BGLMS

Tgt Ion:196 Resp: 183976
 Ion Ratio Lower Upper
 196 100
 198 97.3 76.6 114.8
 97 39.1 30.5 45.7
 132 24.9 20.2 30.2

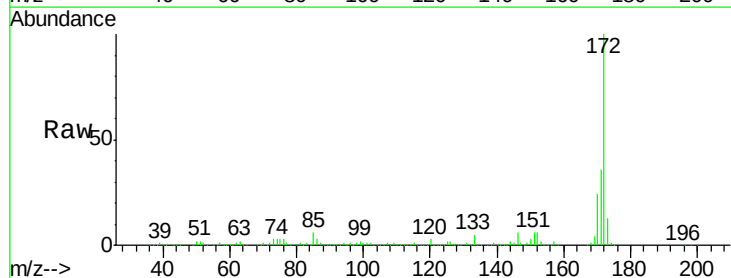


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

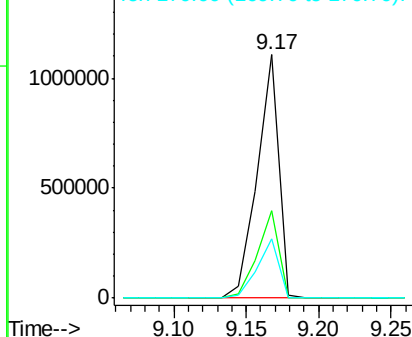
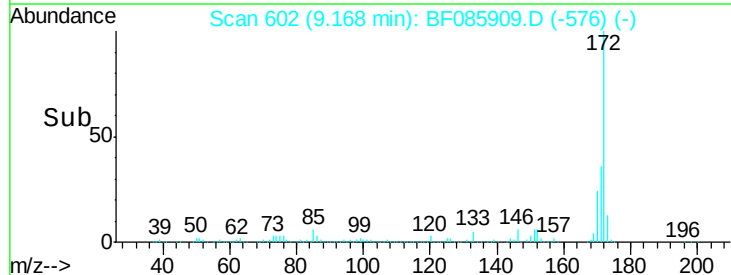


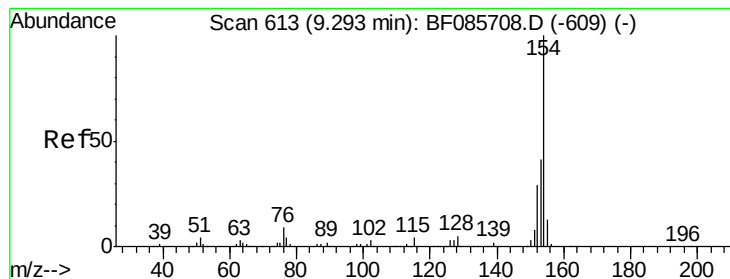
#44
 2-Fluorobiphenyl
 Concen: 103.08 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF085909.D
 Acq: 31 Mar 2016 3:57

Tgt Ion:172 Resp: 1143379
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.2
 170 24.4 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: 45.05 ng

RT: 9.27 min Scan# 611

Delta R.T. -0.00 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-END-14BGLMS

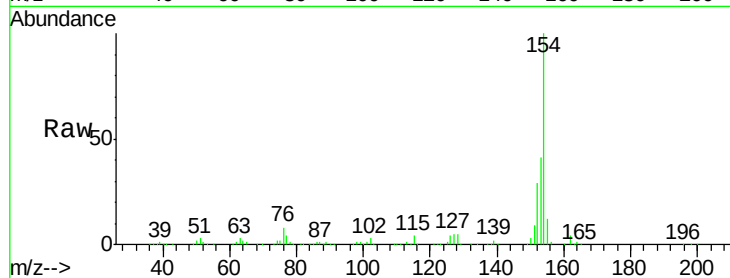
Tgt Ion:154 Resp: 704481

Ion Ratio Lower Upper

154 100

153 40.7 20.8 60.8

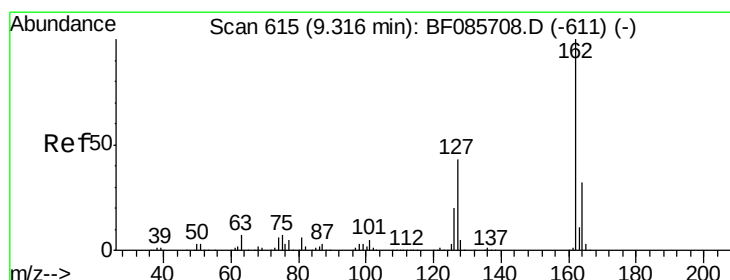
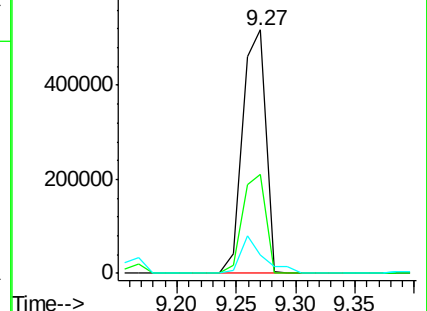
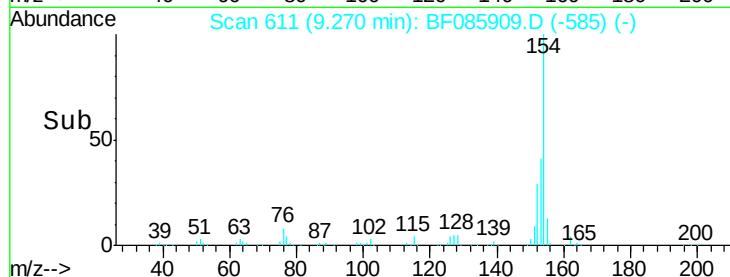
76 7.7 0.0 36.7



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: 49.65 ng

RT: 9.29 min Scan# 613

Delta R.T. -0.00 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

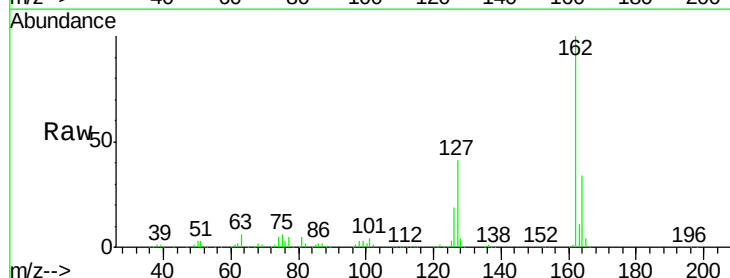
Tgt Ion:162 Resp: 570848

Ion Ratio Lower Upper

162 100

127 40.7 31.7 47.5

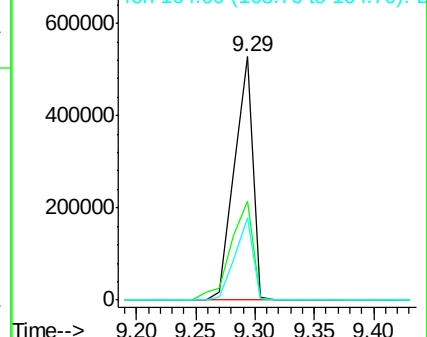
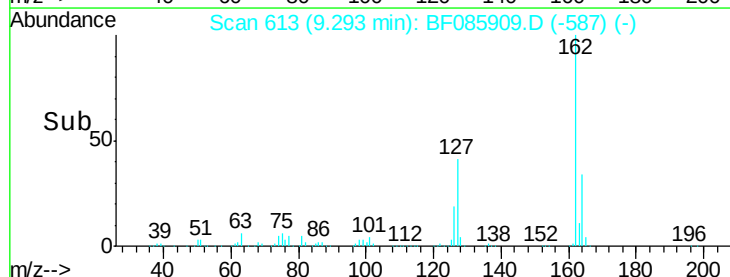
164 33.6 27.3 40.9

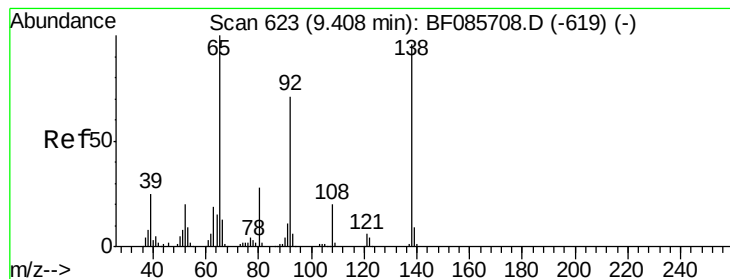


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 50.60 ng

RT: 9.40 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-END-14BGLMS

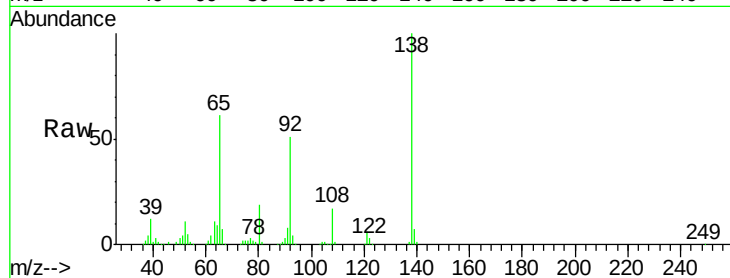
Tgt Ion: 65 Resp: 177910

Ion Ratio Lower Upper

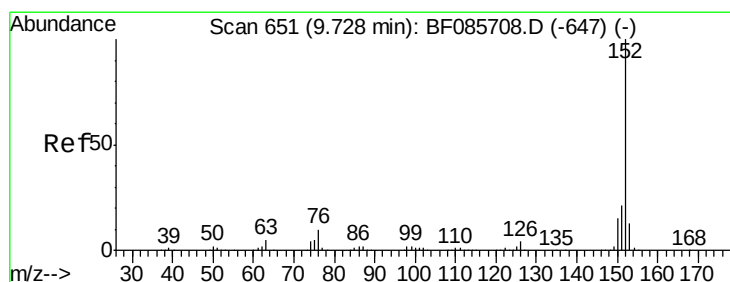
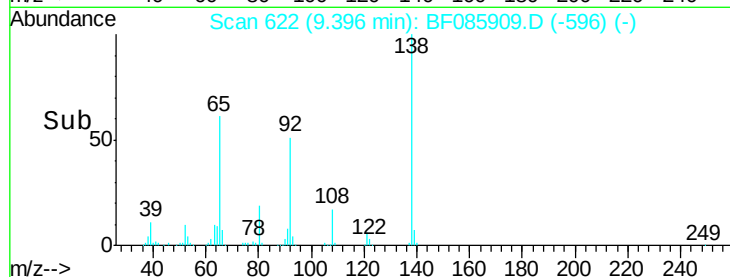
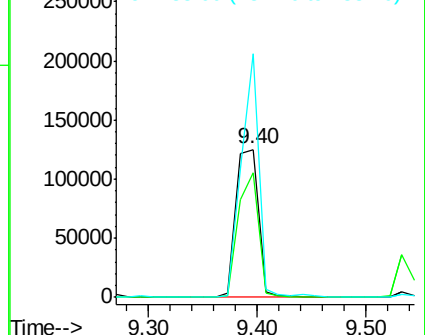
65 100

92 84.1 59.7 89.5

138 164.5 91.4 137.0#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 48.41 ng

RT: 9.70 min Scan# 649

Delta R.T. -0.00 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

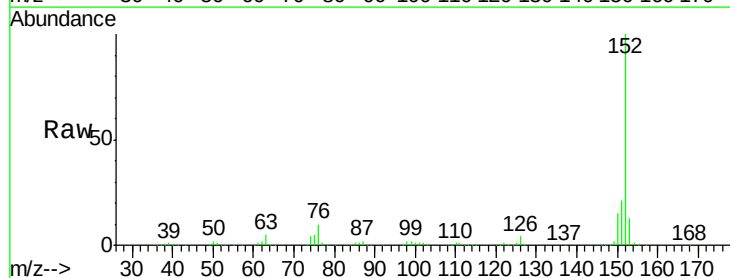
Tgt Ion: 152 Resp: 906963

Ion Ratio Lower Upper

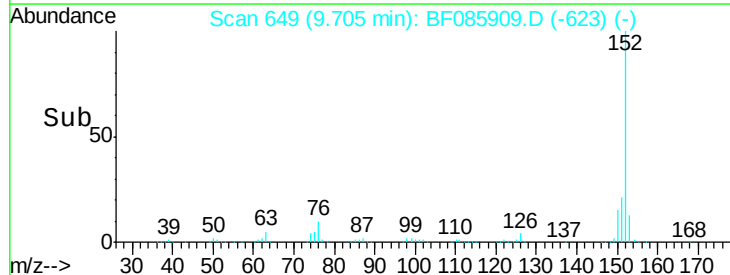
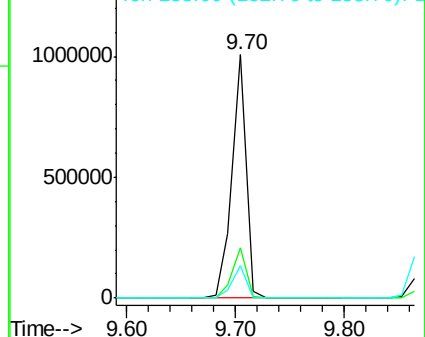
152 100

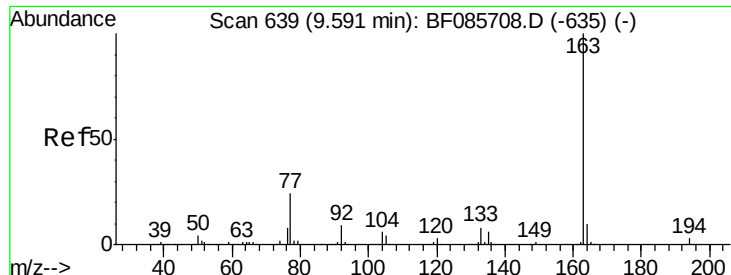
151 20.6 16.8 25.2

153 13.2 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

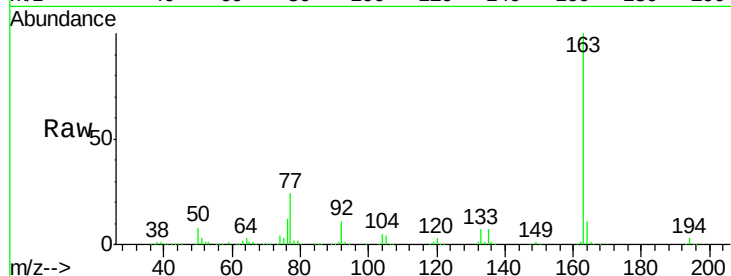




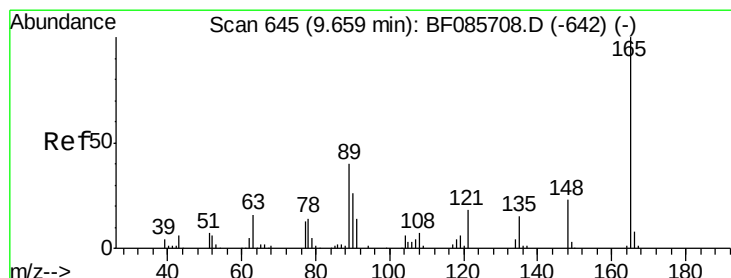
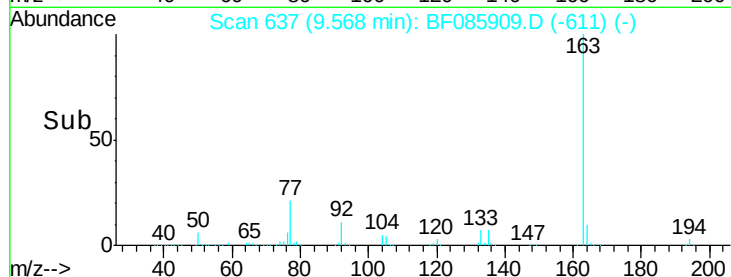
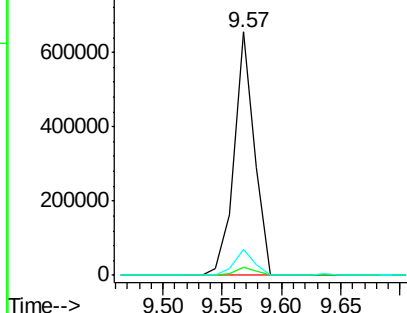
#49
Dimethylphthalate
Concen: 55.11 ng
RT: 9.57 min Scan# 637
Delta R.T. -0.00 min
Lab File: BF085909.D
Acq: 31 Mar 2016 3:57

Instrument :
BNA_F
ClientSampleId :
BOTTOM-EAST-END-14BGLMS

Tgt Ion:163 Resp: 774804
Ion Ratio Lower Upper
163 100
194 3.3 2.9 4.3
164 10.5 8.3 12.5

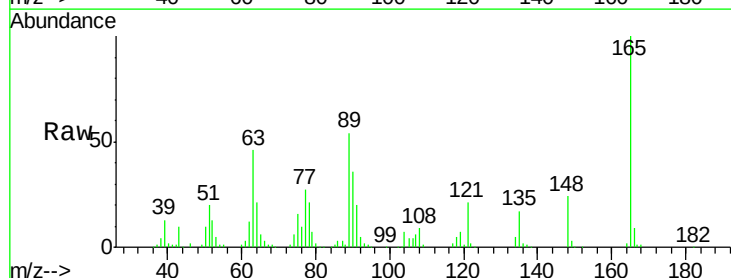


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

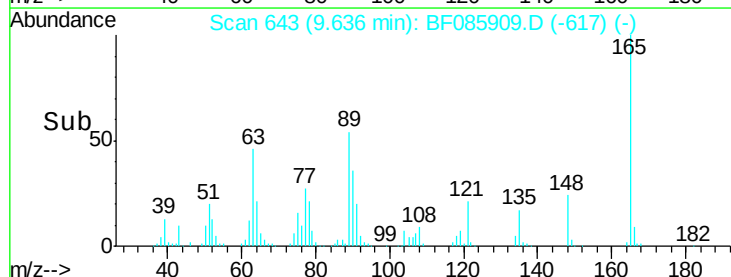
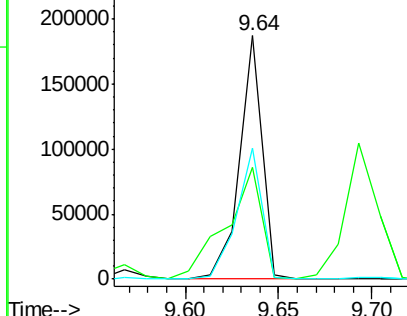


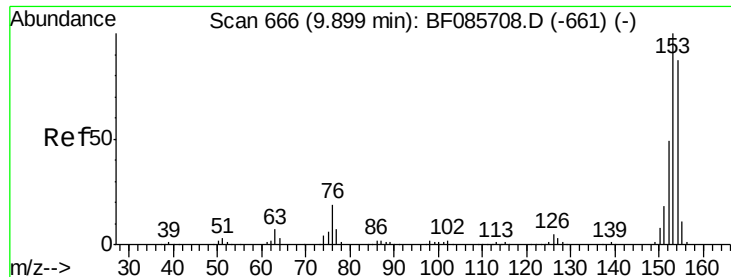
#50
2,6-Dinitrotoluene
Concen: 52.30 ng
RT: 9.64 min Scan# 643
Delta R.T. -0.00 min
Lab File: BF085909.D
Acq: 31 Mar 2016 3:57

Tgt Ion:165 Resp: 158280
Ion Ratio Lower Upper
165 100
63 45.9 51.8 77.8#
89 54.0 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: 46.24 ng

RT: 9.88 min Scan# 664

Delta R.T. -0.00 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-END-14BGLMS

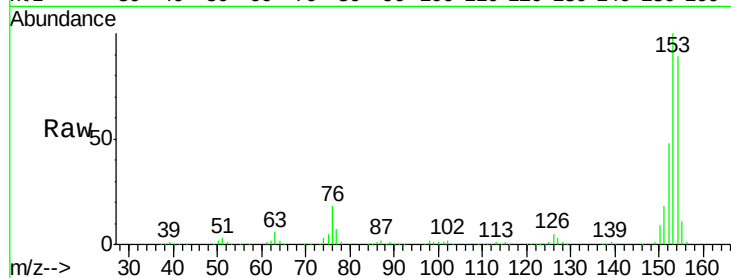
Tgt Ion:154 Resp: 529232

Ion Ratio Lower Upper

154 100

153 112.7 90.1 135.1

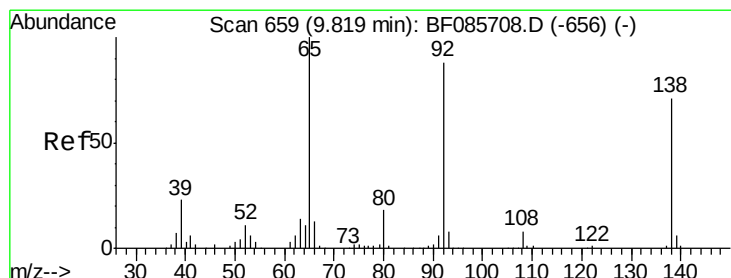
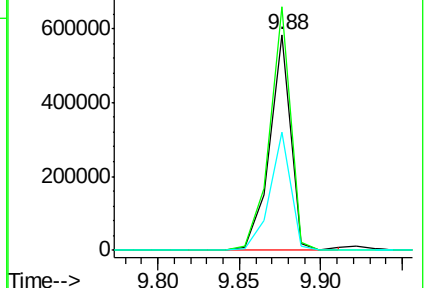
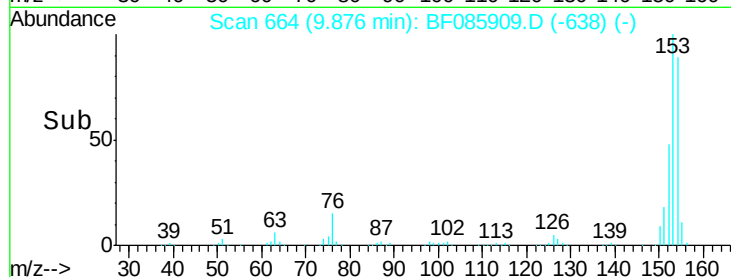
152 54.5 44.2 66.2



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: 30.35 ng

RT: 9.80 min Scan# 657

Delta R.T. -0.01 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

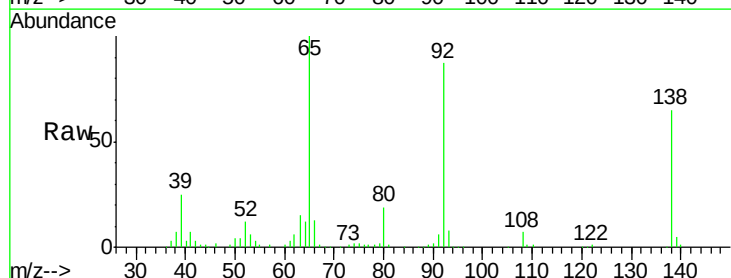
Tgt Ion:138 Resp: 105138

Ion Ratio Lower Upper

138 100

108 11.3 8.7 13.1

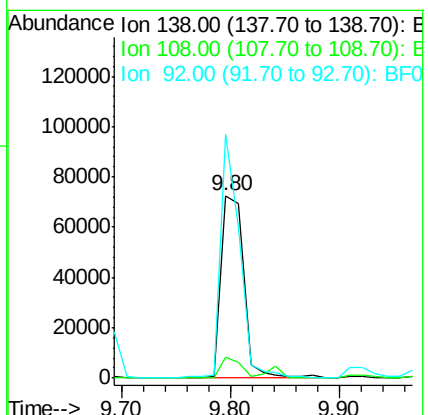
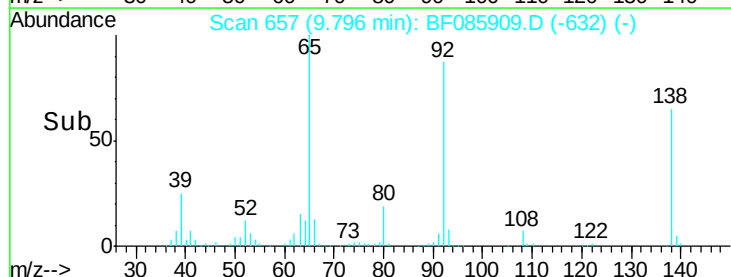
92 133.6 93.3 139.9

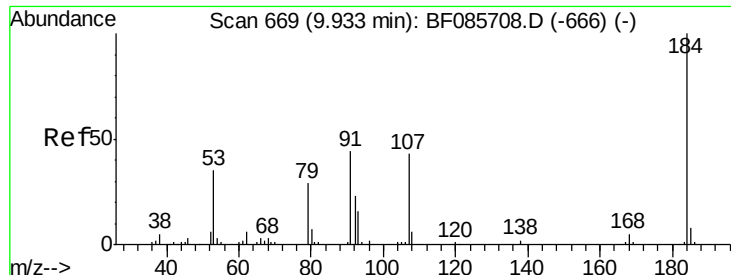


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

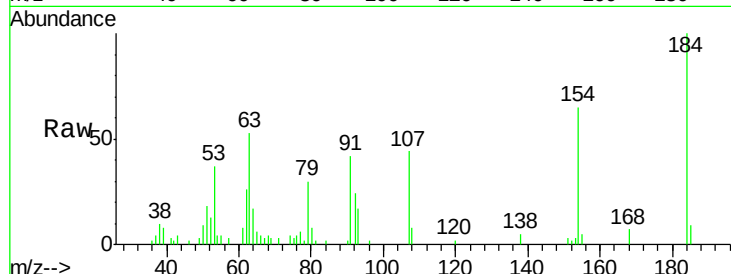




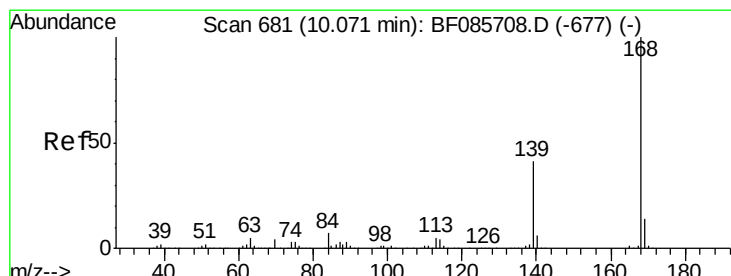
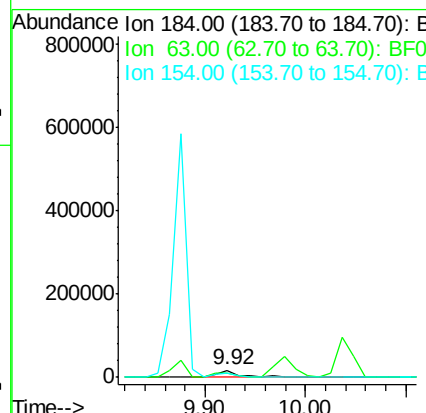
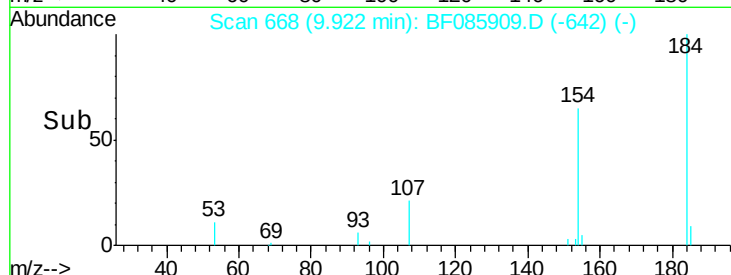
#53
 2,4-Dinitrophenol
 Concen: 22.39 ng
 RT: 9.92 min Scan# 668
 Delta R.T. -0.00 min
 Lab File: BF085909.D
 Acq: 31 Mar 2016 3:57

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-EAST-END-14BGLMS

Tgt Ion:184 Resp: 27050
 Ion Ratio Lower Upper
 184 100
 63 53.1 69.5 104.3#
 154 64.7 58.3 87.5

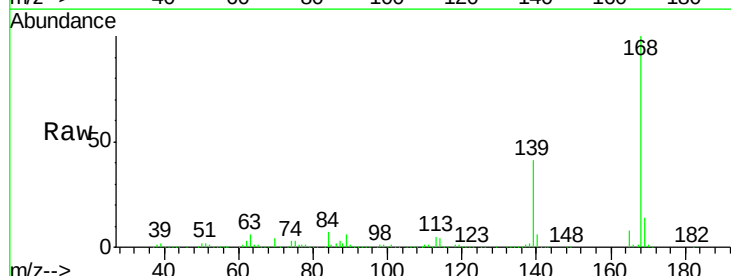


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

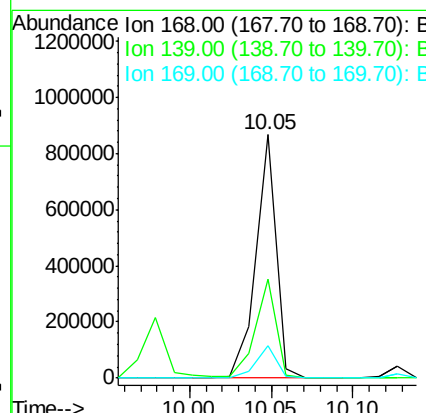
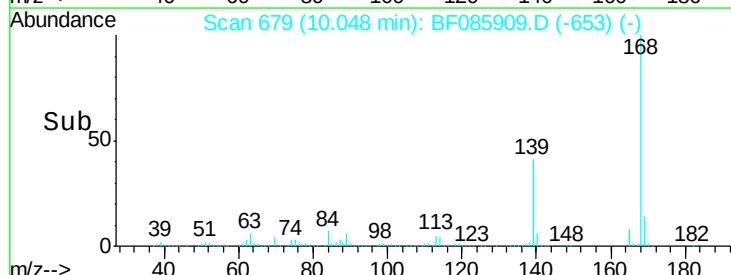


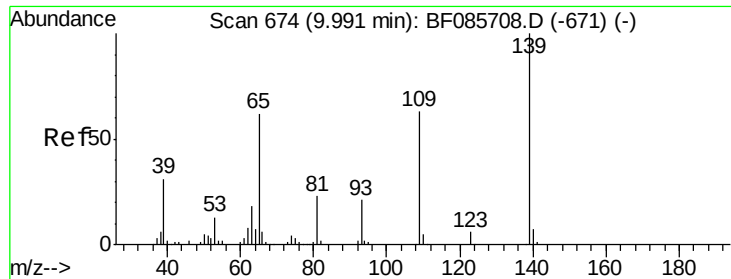
#54
 Dibenzofuran
 Concen: 50.63 ng
 RT: 10.05 min Scan# 679
 Delta R.T. -0.00 min
 Lab File: BF085909.D
 Acq: 31 Mar 2016 3:57

Tgt Ion:168 Resp: 749941
 Ion Ratio Lower Upper
 168 100
 139 40.8 31.9 47.9
 169 13.6 11.0 16.6



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

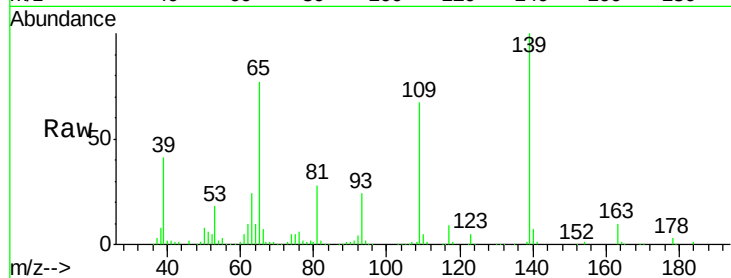




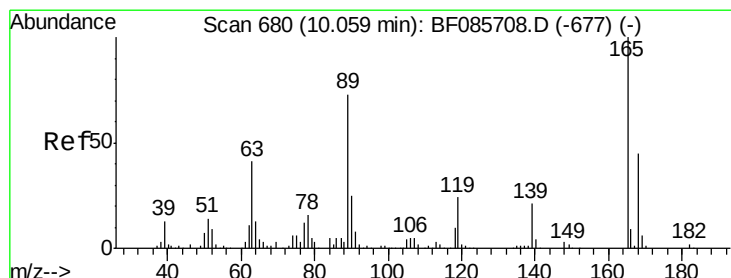
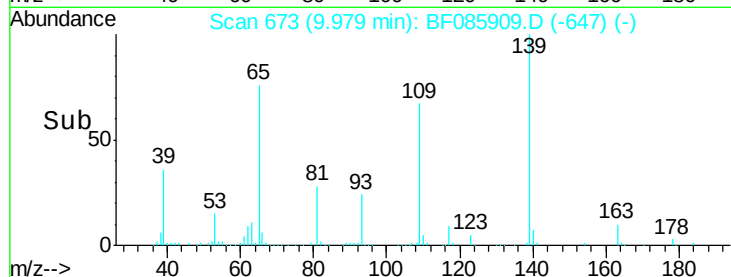
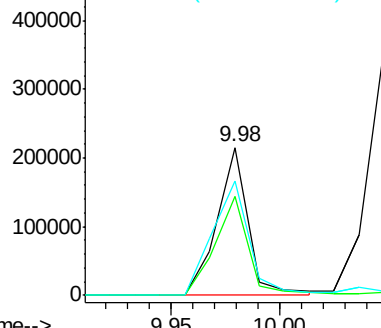
#55
4-Nitrophenol
Concen: 95.31 ng
RT: 9.98 min Scan# 673
Delta R.T. -0.00 min
Lab File: BF085909.D
Acq: 31 Mar 2016 3:57

Instrument :
BNA_F
ClientSampleId :
BOTTOM-EAST-END-14BGLMS

Tgt Ion:139 Resp: 215097
Ion Ratio Lower Upper
139 100
109 67.3 49.2 89.2
65 77.0 66.9 106.9

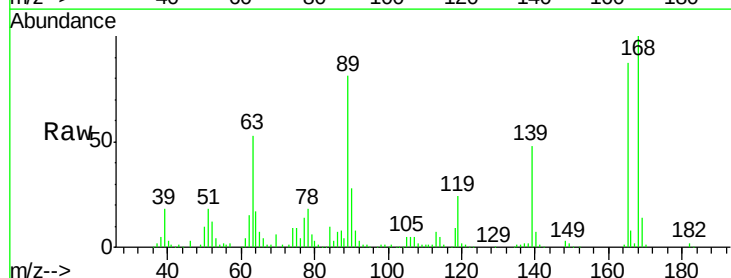


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

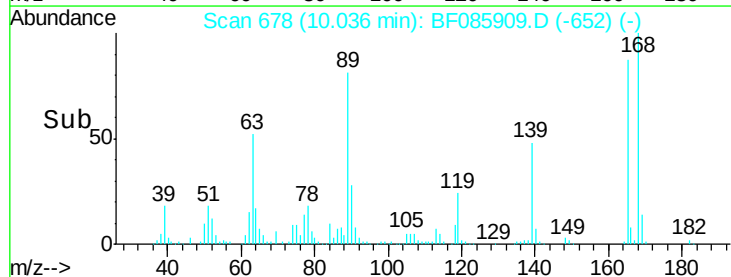
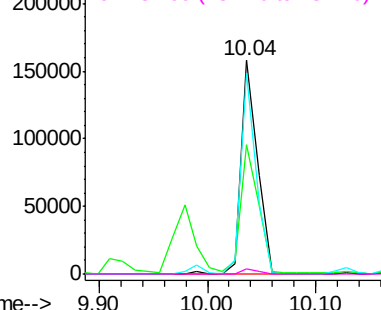


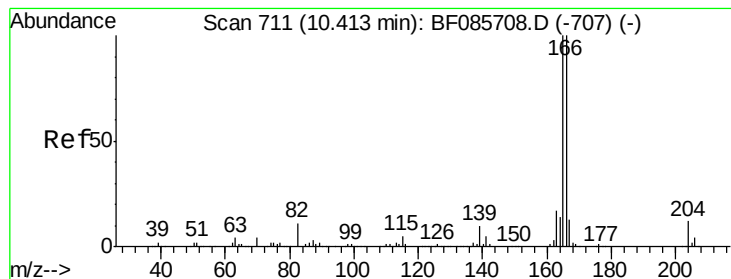
#56
2,4-Dinitrotoluene
Concen: 43.18 ng
RT: 10.04 min Scan# 678
Delta R.T. -0.00 min
Lab File: BF085909.D
Acq: 31 Mar 2016 3:57

Tgt Ion:165 Resp: 166082
Ion Ratio Lower Upper
165 100
63 60.7 24.9 37.3#
89 93.8 41.0 61.6#
182 2.4 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: 48.07 ng

RT: 10.39 min Scan# 709

Delta R.T. -0.00 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-END-14BGLMS

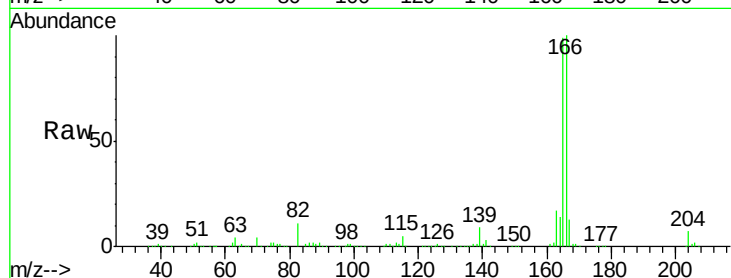
Tgt Ion:166 Resp: 591883

Ion Ratio Lower Upper

166 100

165 98.8 79.4 119.0

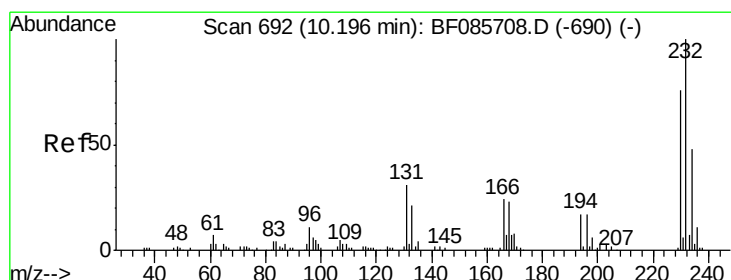
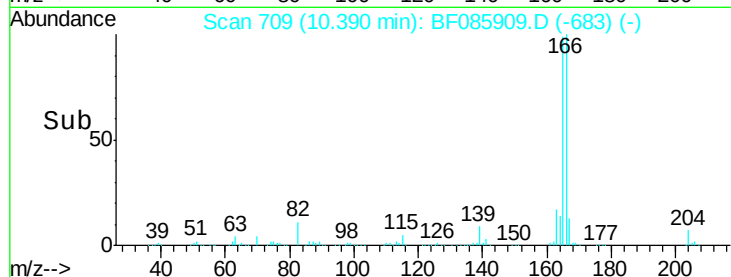
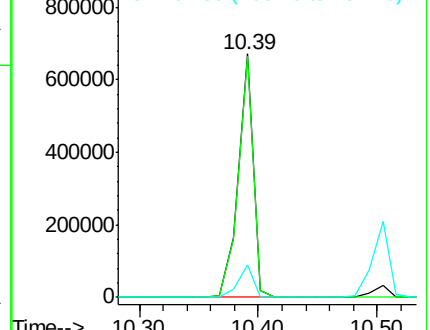
167 13.3 11.0 16.4



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: 51.69 ng

RT: 10.17 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

Tgt Ion:232 Resp: 139836

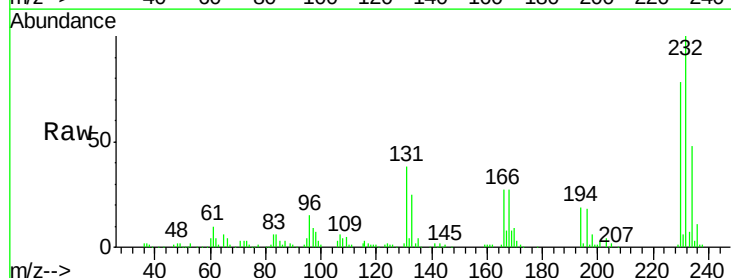
Ion Ratio Lower Upper

232 100

131 51.8 44.9 67.3

130 2.4 2.3 3.5

166 31.4 28.1 42.1

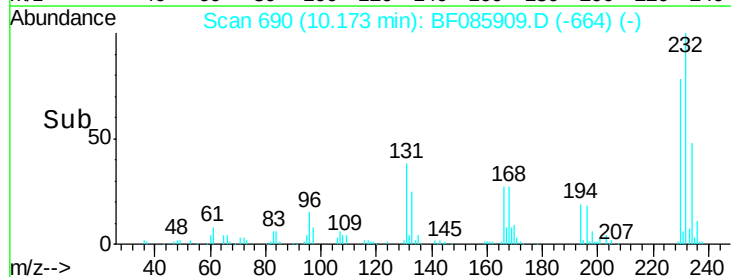
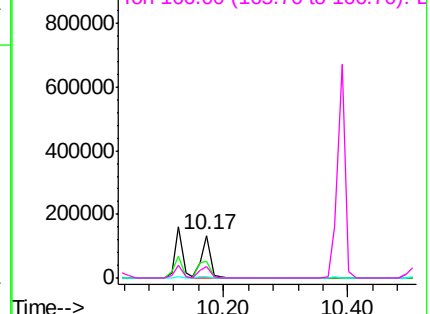


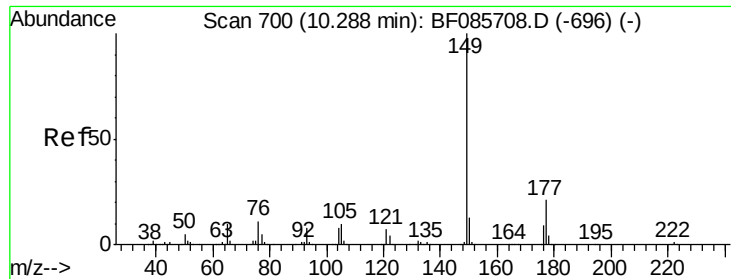
Abundance Ion 232.00 (231.70 to 232.70): E

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

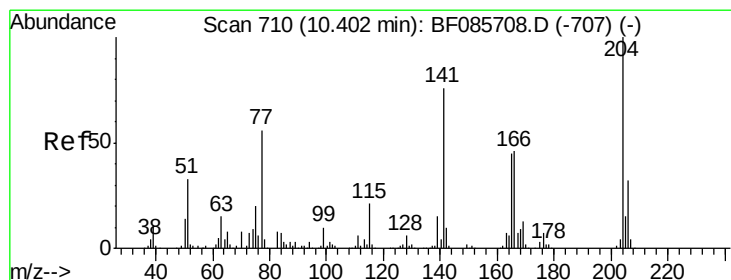
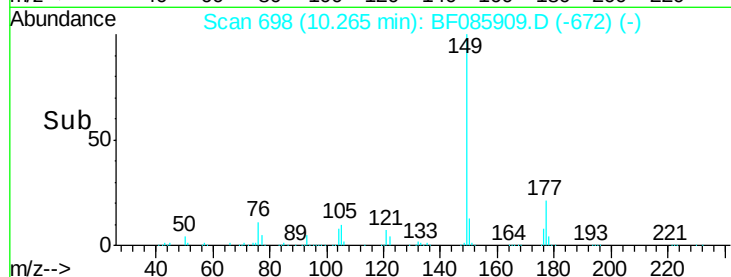
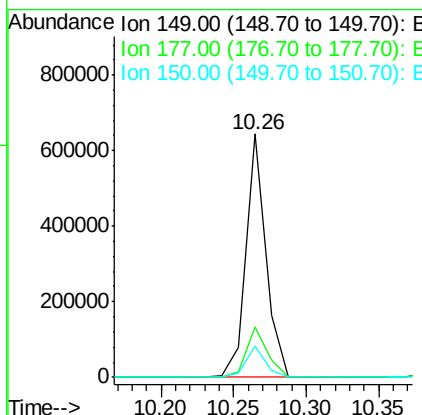
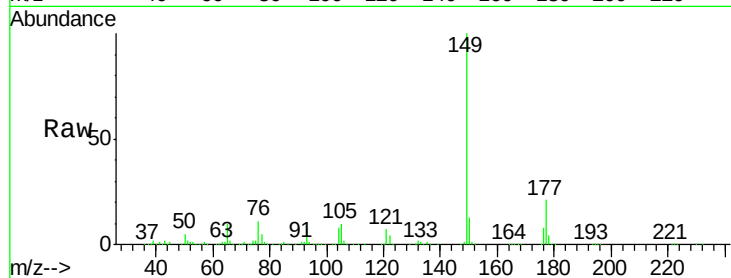




#59
Diethylphthalate
Concen: 44.12 ng
RT: 10.26 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF085909.D
Acq: 31 Mar 2016 3:57

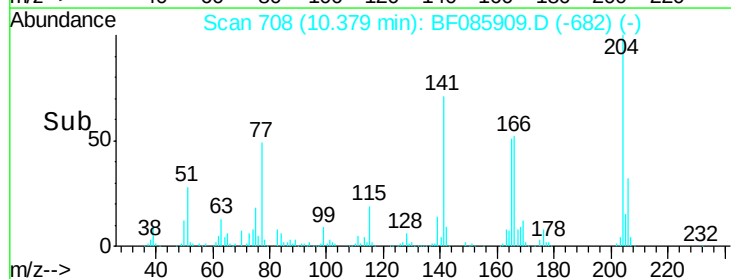
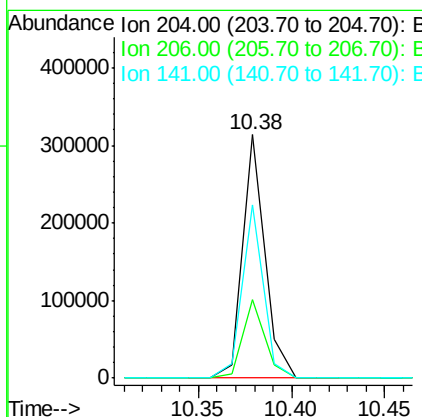
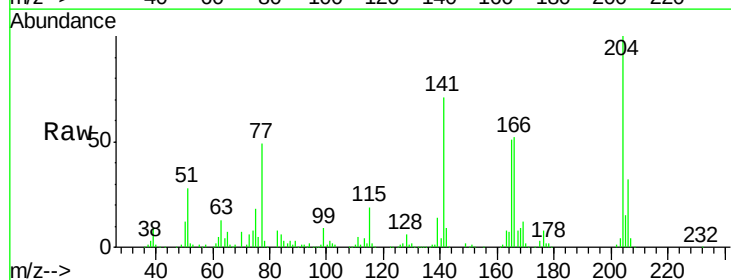
Instrument :
BNA_F
ClientSampleId :
BOTTOM-EAST-END-14BGLMS

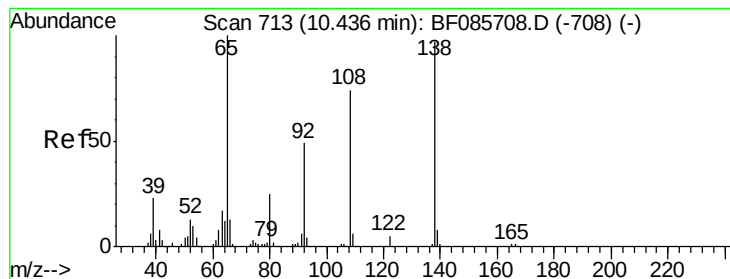
Tgt Ion:149 Resp: 612801
Ion Ratio Lower Upper
149 100
177 20.8 17.9 26.9
150 13.0 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 43.45 ng
RT: 10.38 min Scan# 708
Delta R.T. -0.00 min
Lab File: BF085909.D
Acq: 31 Mar 2016 3:57

Tgt Ion:204 Resp: 261595
Ion Ratio Lower Upper
204 100
206 32.5 26.6 39.8
141 71.0 57.4 86.0





#61

4-Nitroaniline

Concen: 38.75 ng

RT: 10.41 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-END-14BGLMS

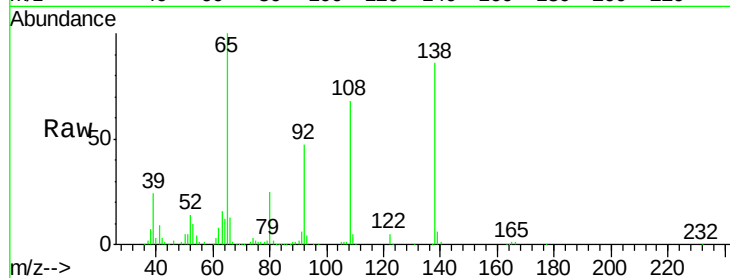
Tgt Ion: 138 Resp: 128388

Ion Ratio Lower Upper

138 100

92 54.7 26.4 66.4

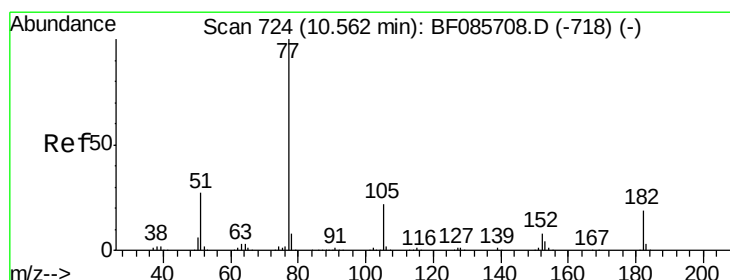
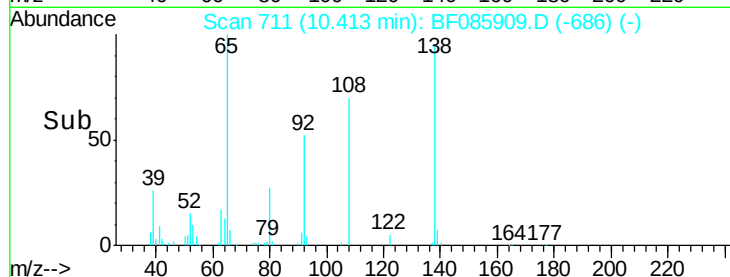
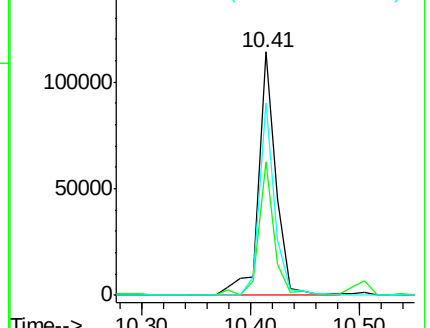
108 79.1 49.0 89.0



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: 49.89 ng

RT: 10.54 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

Tgt Ion: 77 Resp: 665919

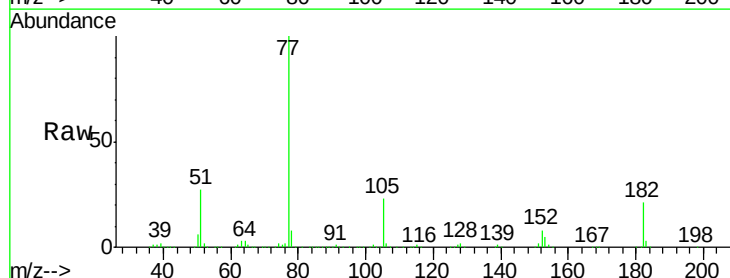
Ion Ratio Lower Upper

77 100

182 21.0 1.9 41.9

105 23.0 3.5 43.5

51 27.1 6.3 46.3

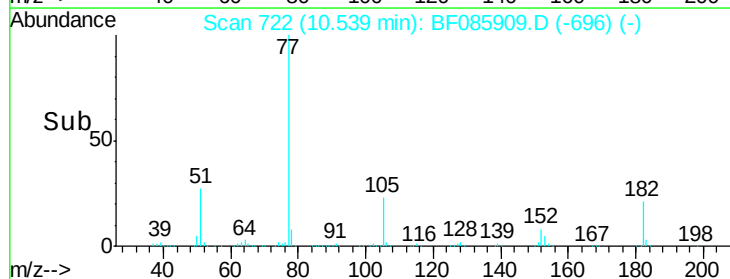
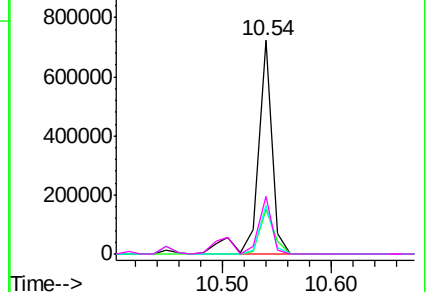


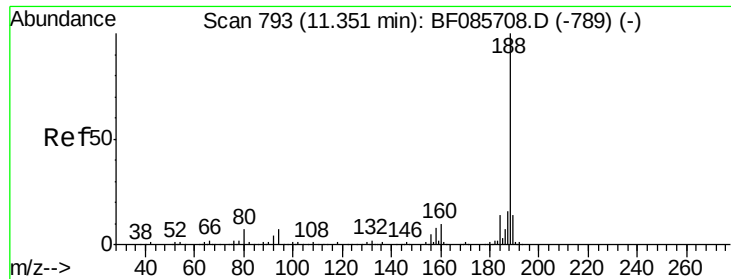
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

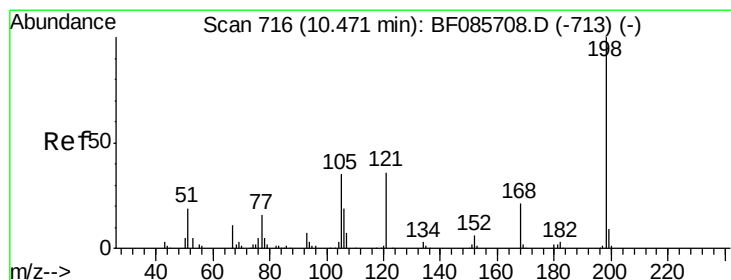
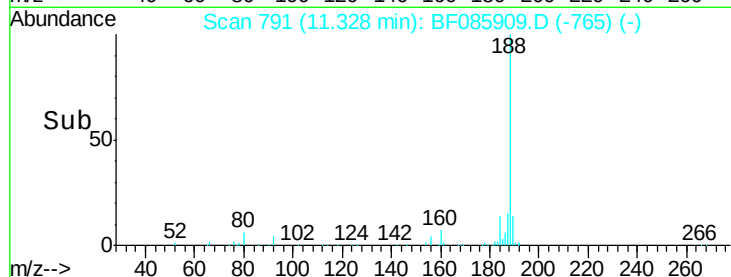
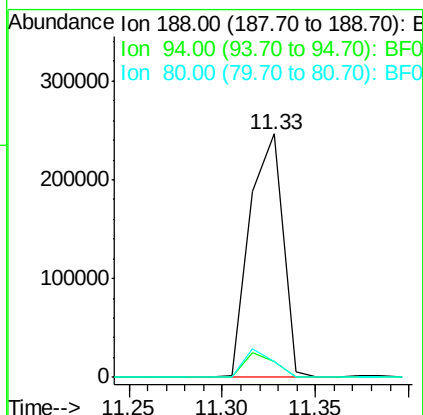
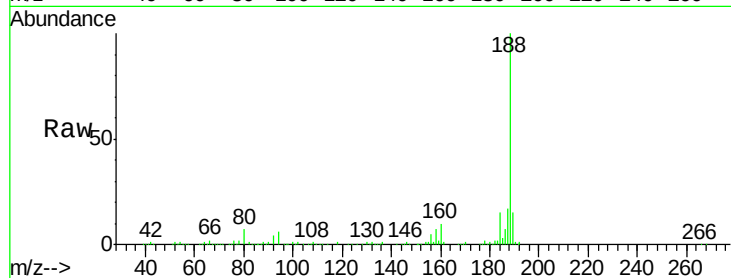




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF085909.D
Acq: 31 Mar 2016 3:57

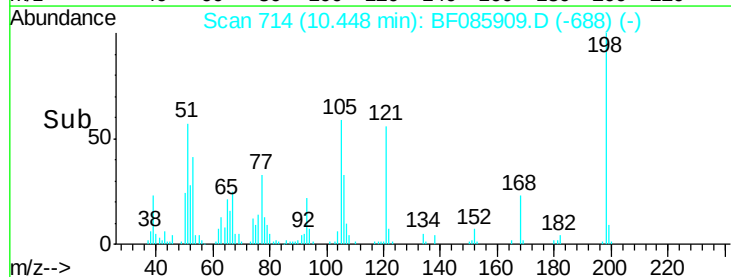
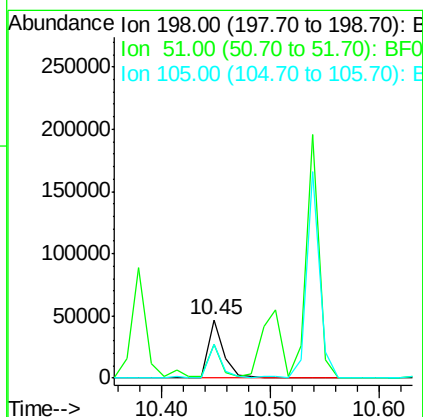
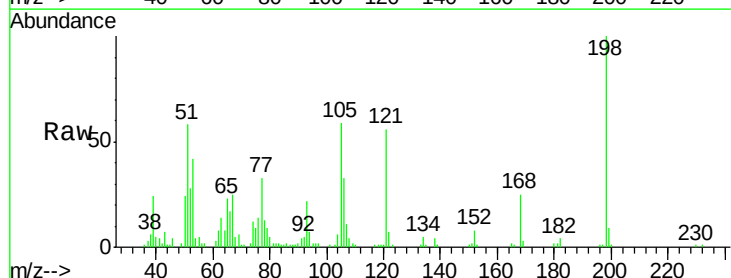
Instrument :
BNA_F
ClientSampleId :
BOTTOM-EAST-END-14BGLMS

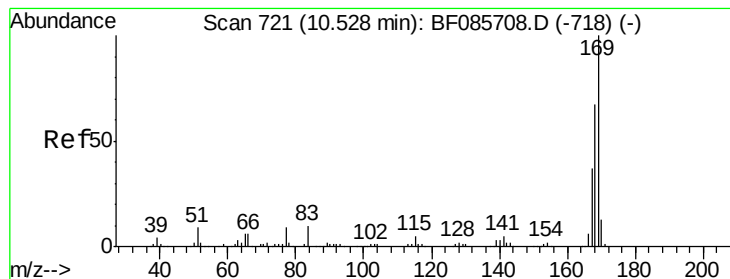
Tgt Ion:188 Resp: 303611
Ion Ratio Lower Upper
188 100
94 6.5 5.4 8.0
80 6.6 5.5 8.3



#64
4,6-Dinitro-2-methylphenol
Concen: 26.43 ng
RT: 10.45 min Scan# 714
Delta R.T. -0.00 min
Lab File: BF085909.D
Acq: 31 Mar 2016 3:57

Tgt Ion:198 Resp: 46994
Ion Ratio Lower Upper
198 100
51 57.7 45.4 85.4
105 58.7 45.9 85.9





#65

n-Nitrosodiphenylamine

Concen: 56.25 ng

RT: 10.50 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-END-14BGLMS

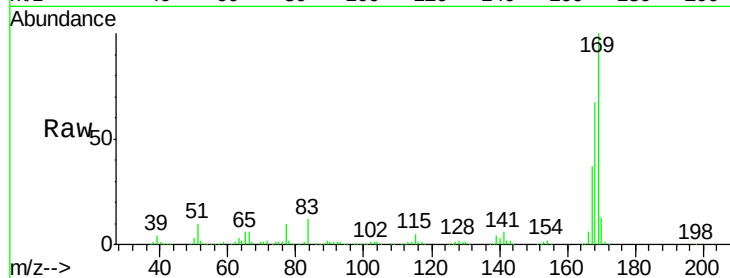
Tgt Ion:169 Resp: 540905

Ion Ratio Lower Upper

169 100

168 67.3 54.4 81.6

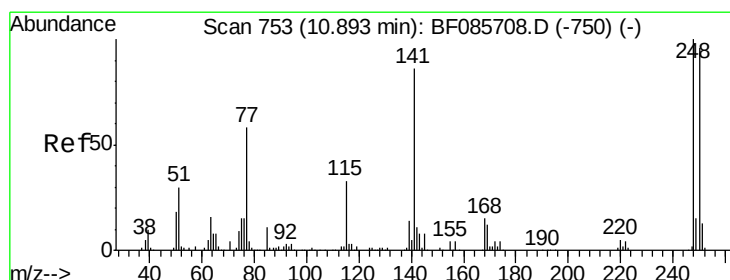
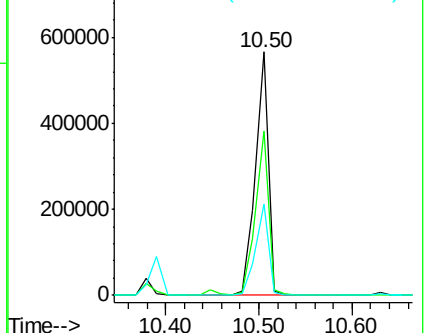
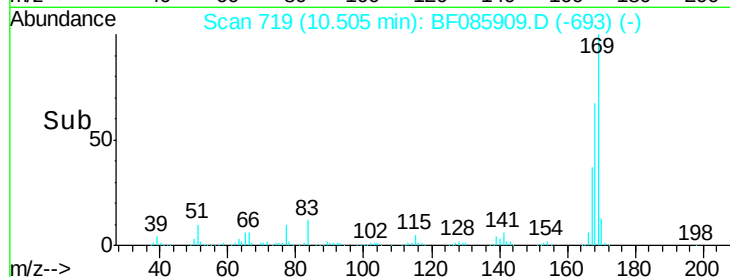
167 37.3 29.4 44.0



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: 53.27 ng

RT: 10.87 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

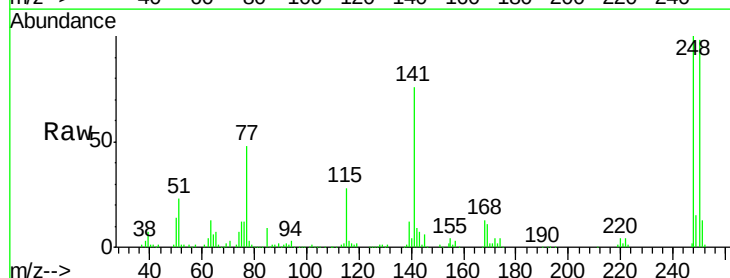
Tgt Ion:248 Resp: 165478

Ion Ratio Lower Upper

248 100

250 98.2 77.4 116.0

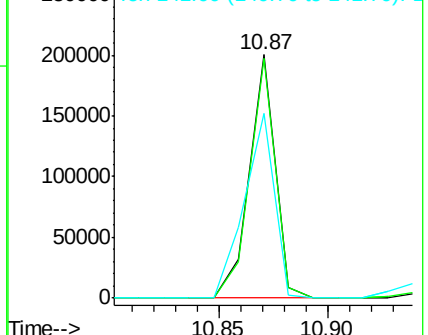
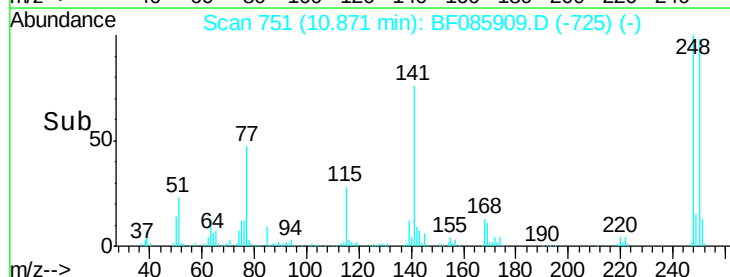
141 75.7 63.6 95.4

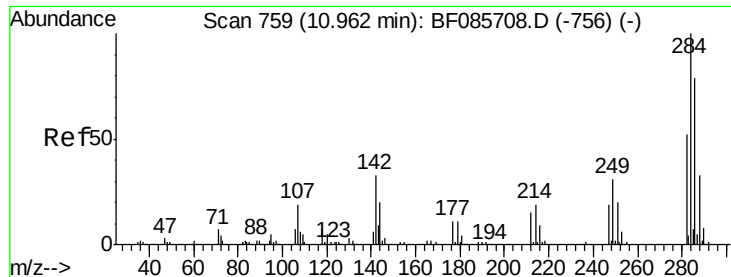


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 51.78 ng

RT: 10.94 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-END-14BGLMS

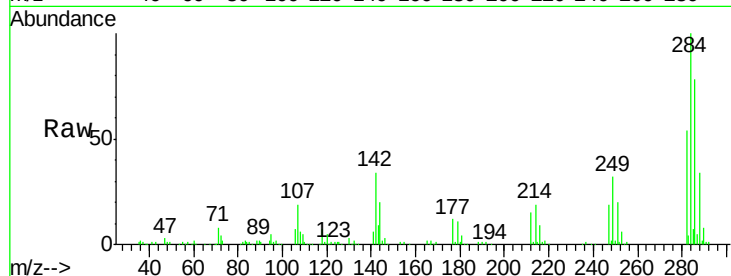
Tgt Ion:284 Resp: 168195

Ion Ratio Lower Upper

284 100

142 33.5 23.1 34.7

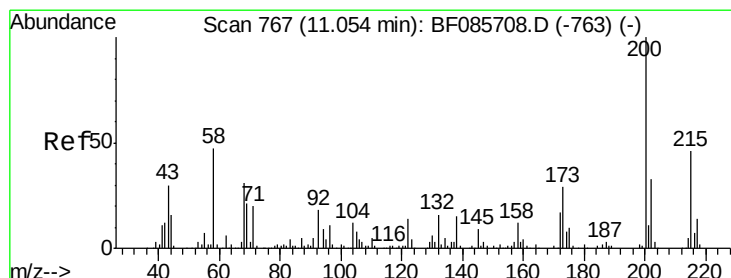
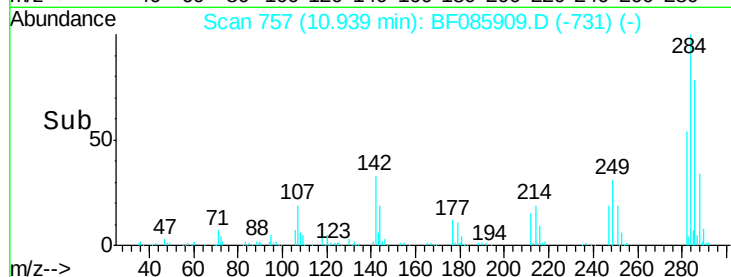
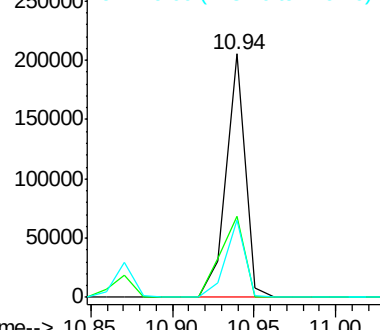
249 31.5 24.2 36.2



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: 48.76 ng

RT: 11.03 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

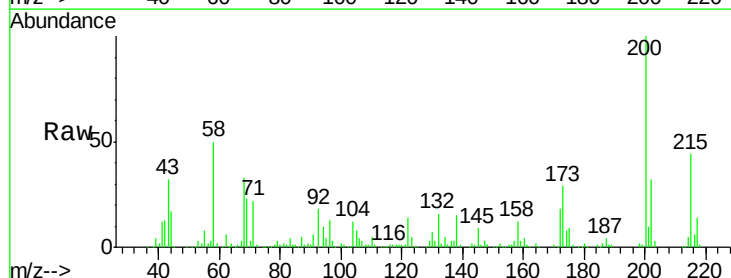
Tgt Ion:200 Resp: 158305

Ion Ratio Lower Upper

200 100

173 29.2 7.7 47.7

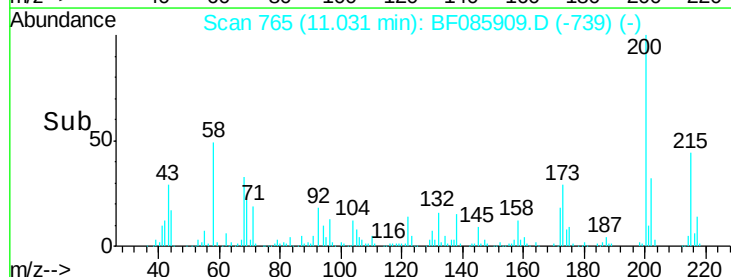
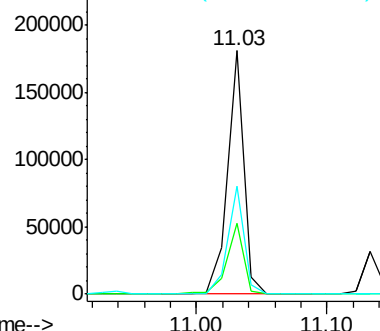
215 44.4 25.4 65.4

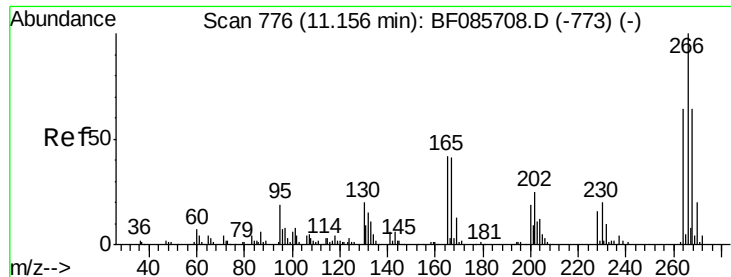


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

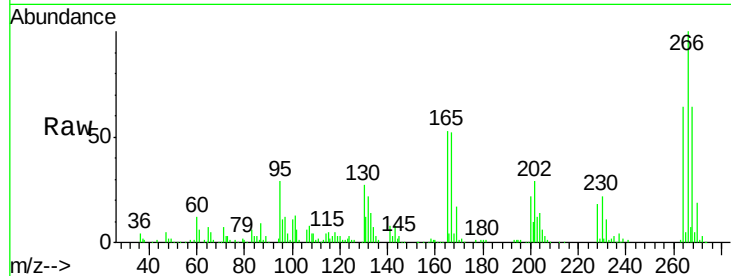




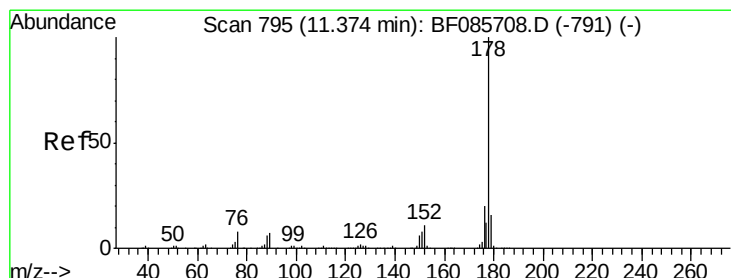
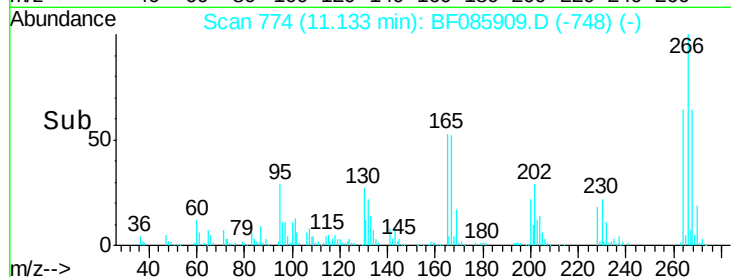
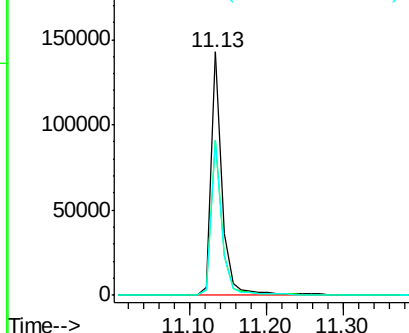
#69
 Pentachlorophenol
 Concen: 88.50 ng
 RT: 11.13 min Scan# 774
 Delta R.T. -0.00 min
 Lab File: BF085909.D
 Acq: 31 Mar 2016 3:57

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-EAST-END-14BGLMS

Tgt Ion: 266 Resp: 141139
 Ion Ratio Lower Upper
 266 100
 268 63.5 51.5 77.3
 264 63.8 50.6 76.0

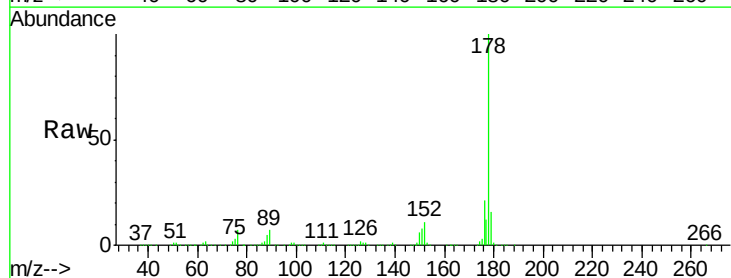


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

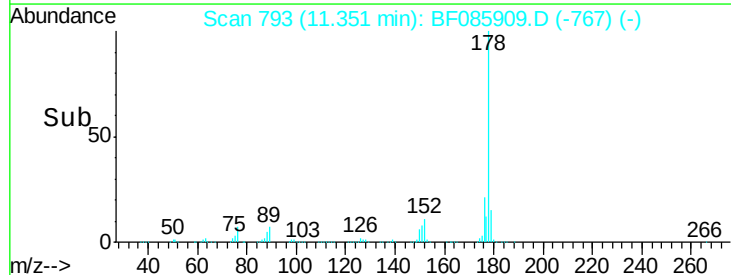
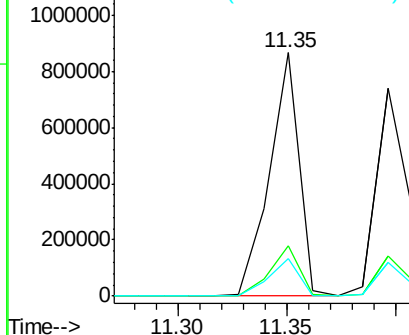


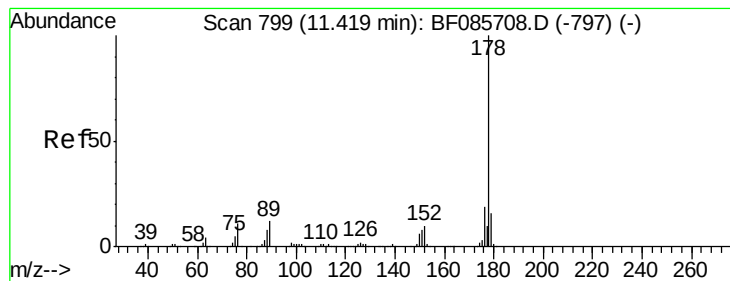
#70
 Phenanthrene
 Concen: 52.99 ng
 RT: 11.35 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BF085909.D
 Acq: 31 Mar 2016 3:57

Tgt Ion: 178 Resp: 826109
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.3 24.5
 179 15.6 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: 45.59 ng

RT: 11.40 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-END-14BGLMS

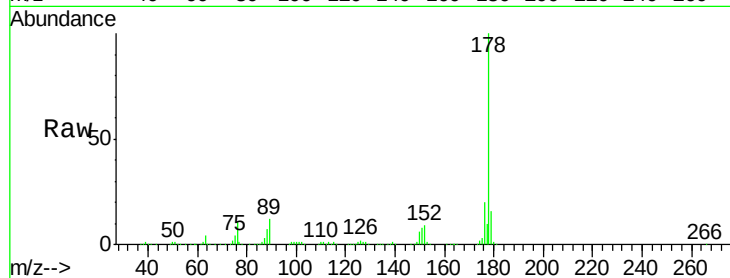
Tgt Ion:178 Resp: 746103

Ion Ratio Lower Upper

178 100

176 19.5 15.9 23.9

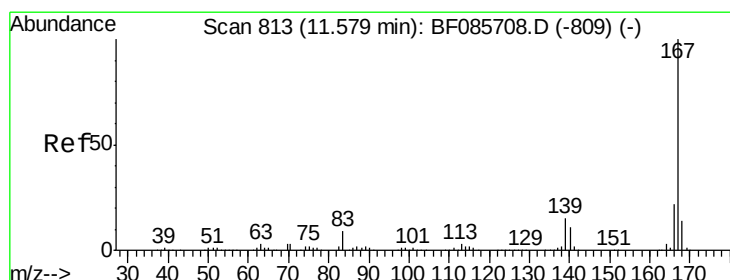
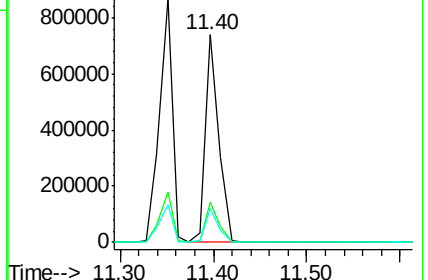
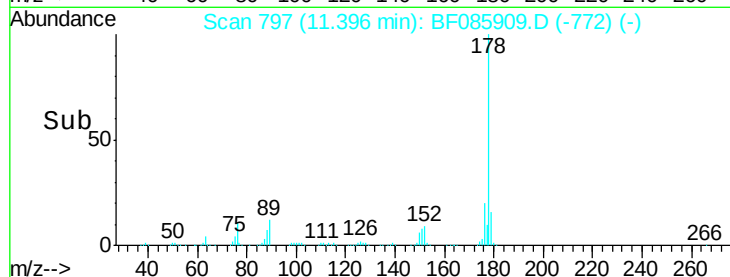
179 16.0 13.0 19.4



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: 48.91 ng

RT: 11.56 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

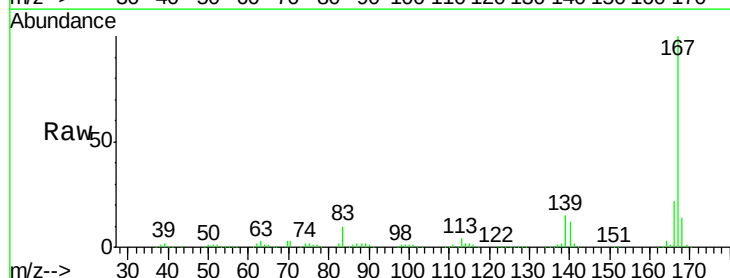
Tgt Ion:167 Resp: 671990

Ion Ratio Lower Upper

167 100

166 22.2 17.8 26.8

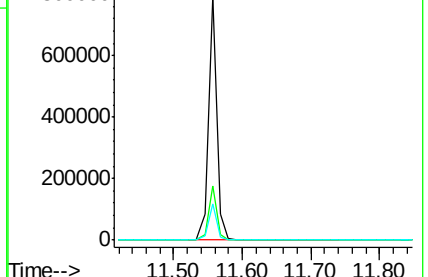
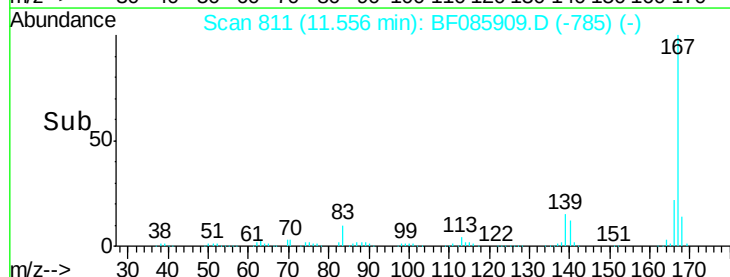
139 15.0 11.6 17.4

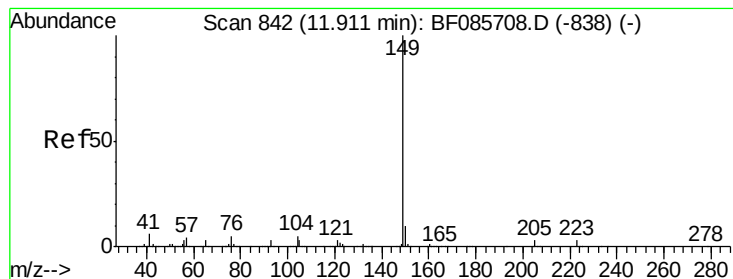


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 51.70 ng

RT: 11.89 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-END-14BGLMS

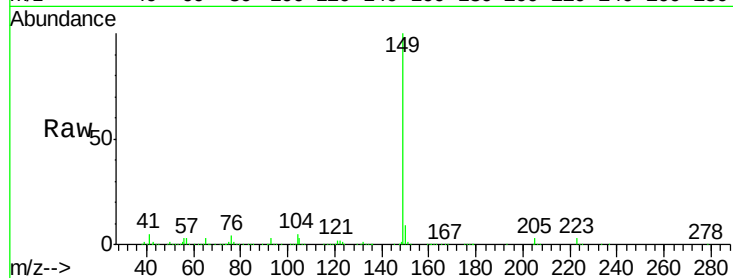
Tgt Ion:149 Resp: 974789

Ion Ratio Lower Upper

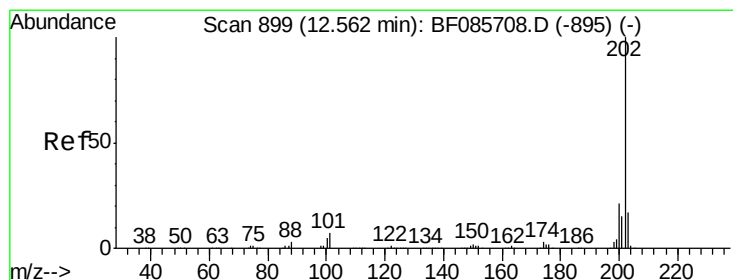
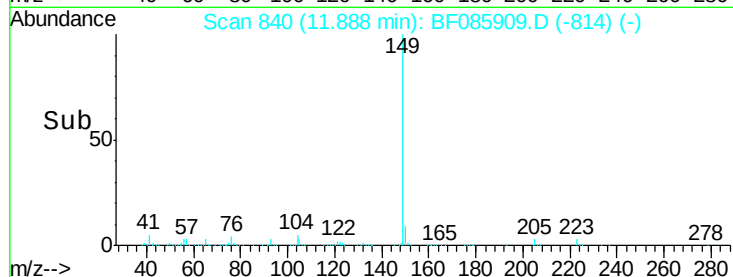
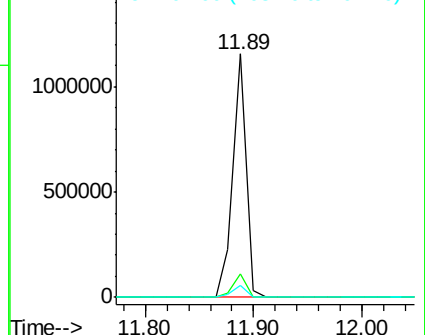
149 100

150 9.5 7.6 11.4

104 4.8 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: 40.42 ng

RT: 12.53 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

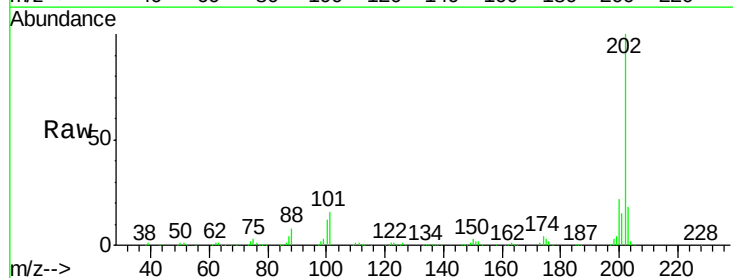
Tgt Ion:202 Resp: 669852

Ion Ratio Lower Upper

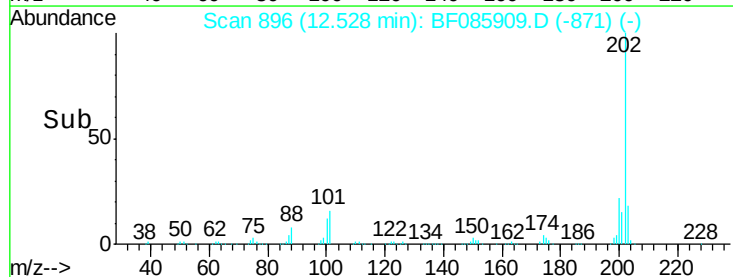
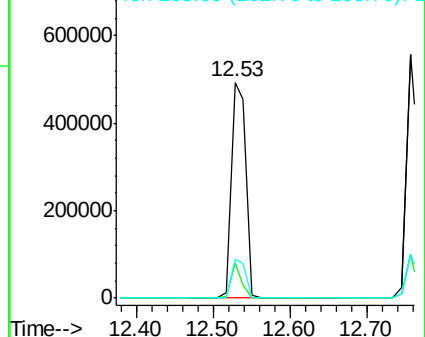
202 100

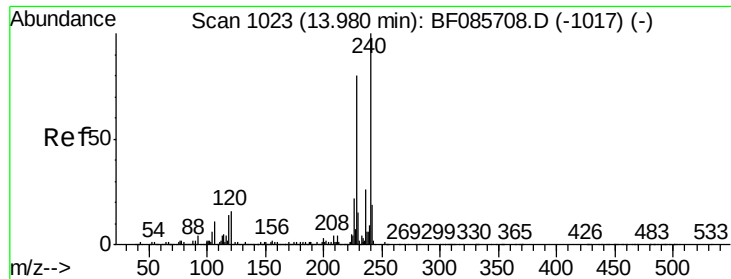
101 16.0 0.0 36.6

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: 13.96 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-END-14BGLMS

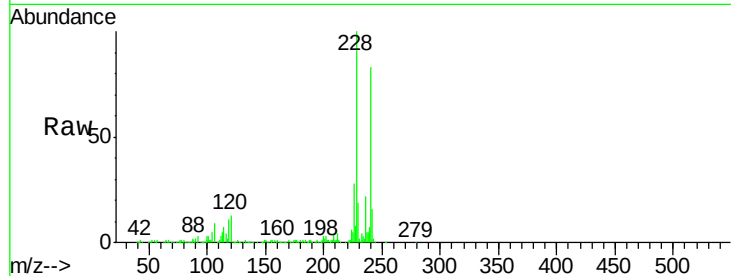
Tgt Ion:240 Resp: 192925

Ion Ratio Lower Upper

240 100

120 15.8 13.8 20.8

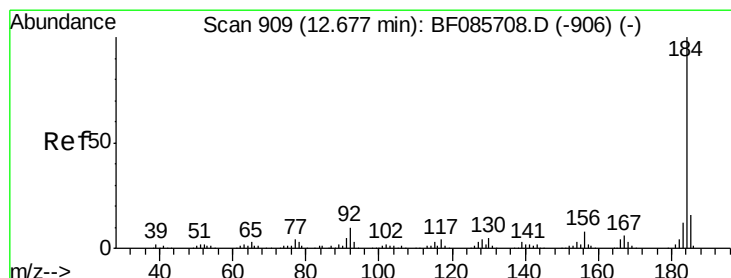
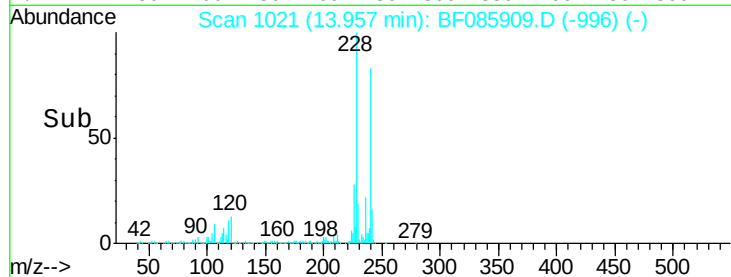
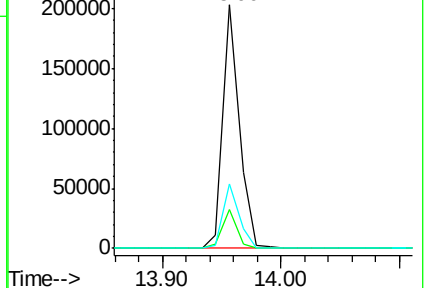
236 26.7 20.6 30.8



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: 30.60 ng

RT: 12.65 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

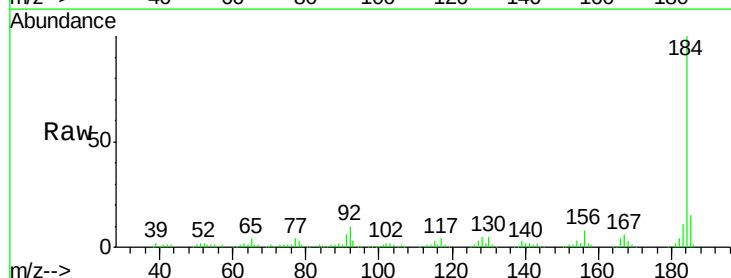
Tgt Ion:184 Resp: 207884

Ion Ratio Lower Upper

184 100

185 15.1 12.4 18.6

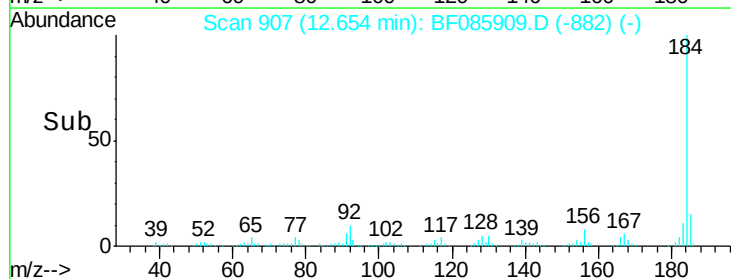
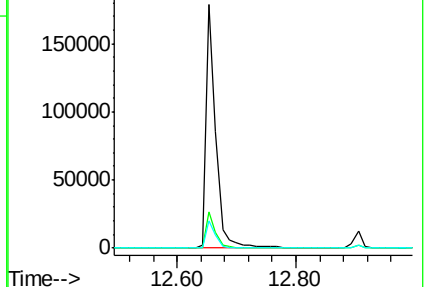
183 11.4 9.4 14.2

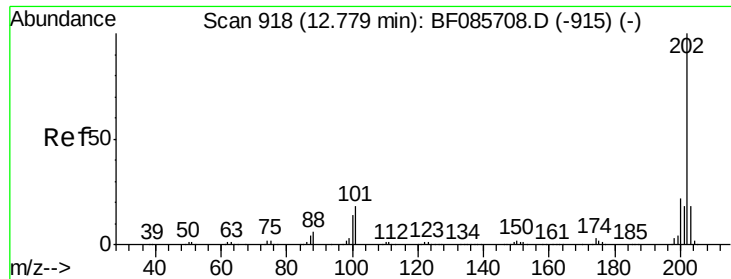


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

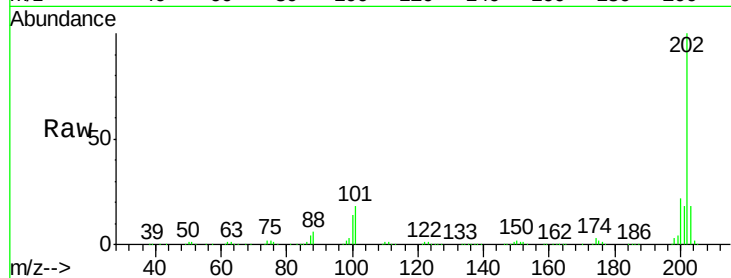




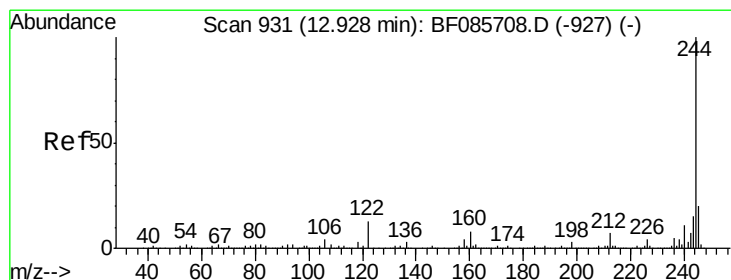
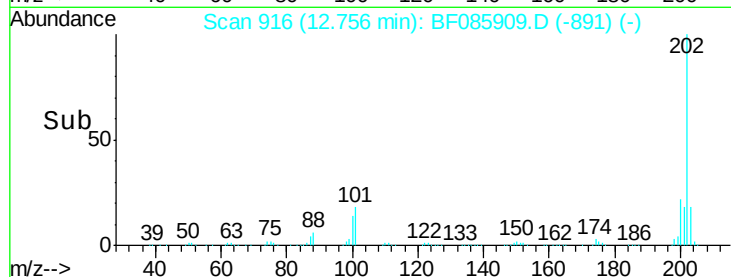
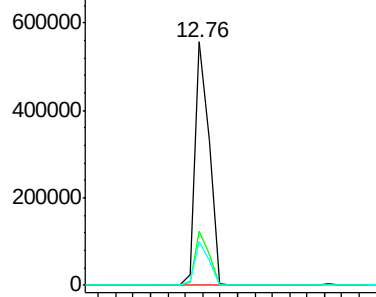
#77
Pyrene
 Concen: 39.95 ng
 RT: 12.76 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: BF085909.D
 Acq: 31 Mar 2016 3:57

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-EAST-END-14BGLMS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.6	26.4
203	18.1	14.0	21.0

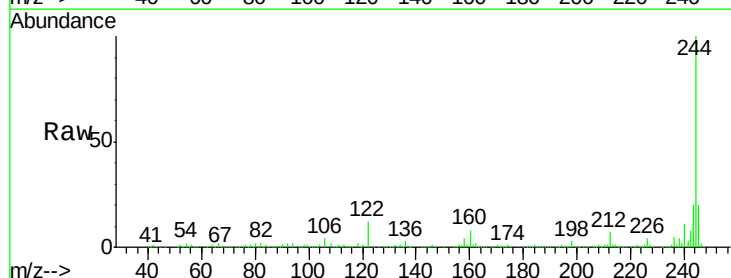


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

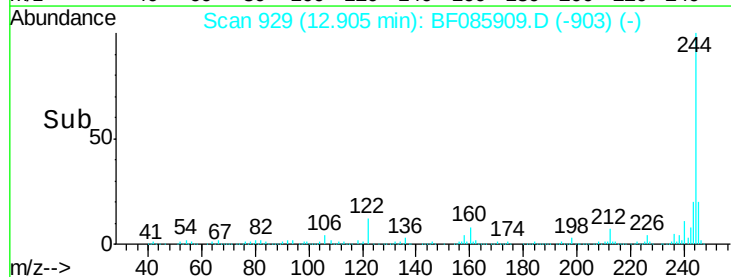
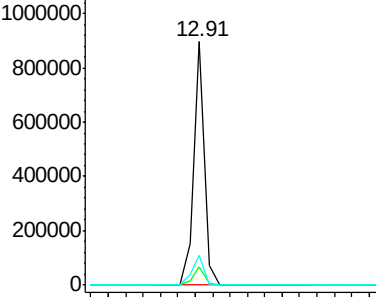


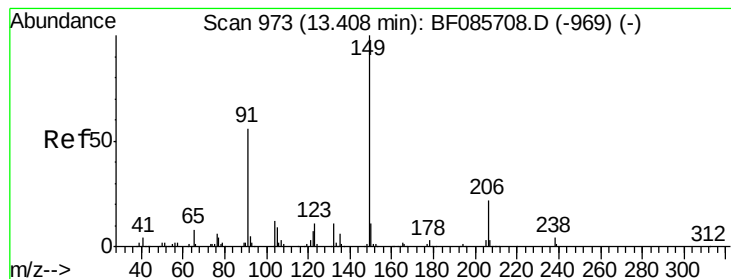
#78
Terphenyl-d14
 Concen: 82.54 ng
 RT: 12.91 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: BF085909.D
 Acq: 31 Mar 2016 3:57

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.1	9.1
122	12.1	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: 47.67 ng

RT: 13.39 min Scan# 971

Delta R.T. -0.00 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-END-14BGLMS

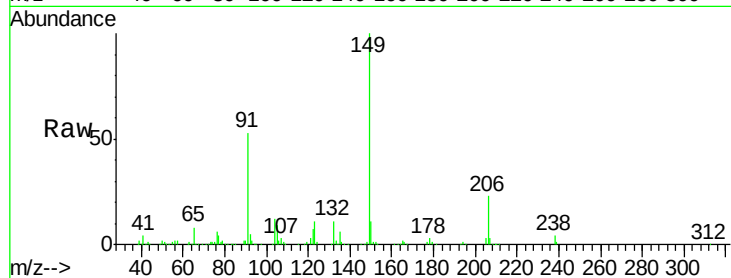
Tgt Ion:149 Resp: 316584

Ion Ratio Lower Upper

149 100

91 52.7 45.8 68.8

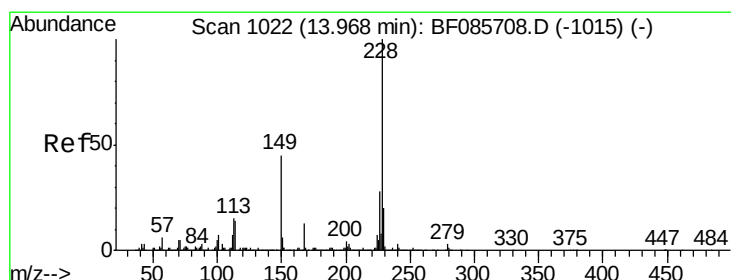
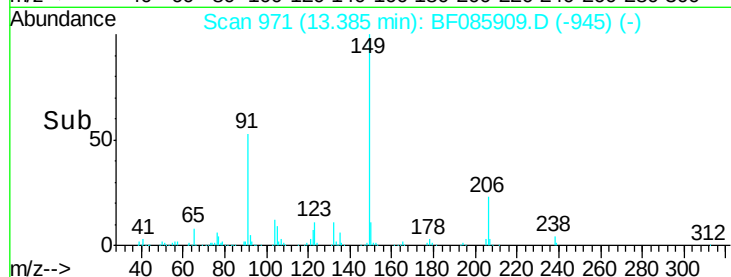
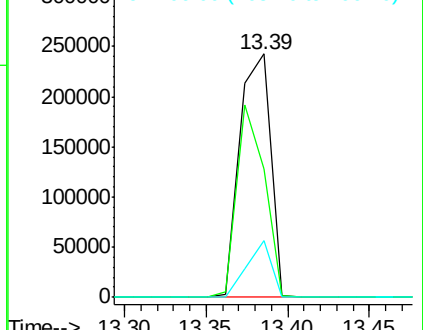
206 23.0 17.8 26.8



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: 47.90 ng

RT: 13.95 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

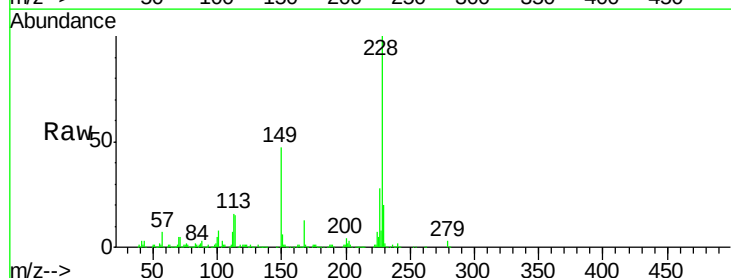
Tgt Ion:228 Resp: 526963

Ion Ratio Lower Upper

228 100

226 27.8 22.1 33.1

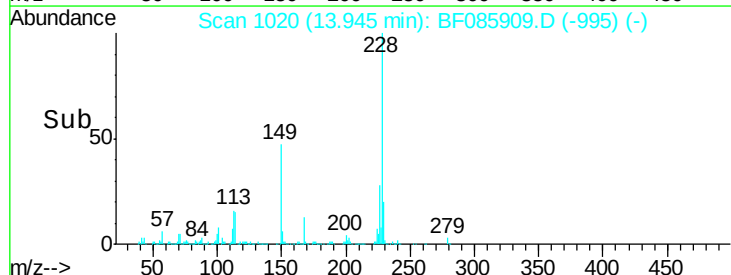
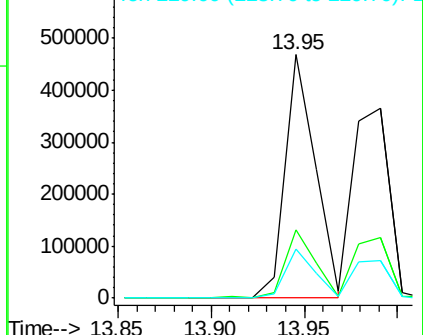
229 20.2 16.2 24.4

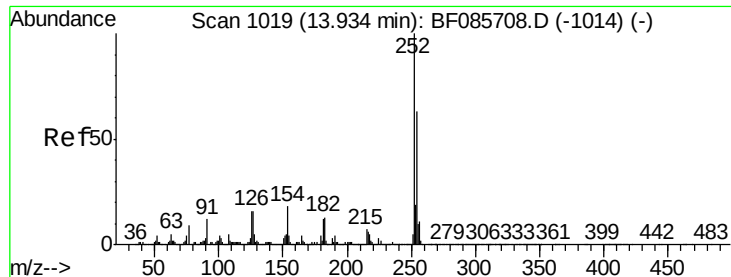


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

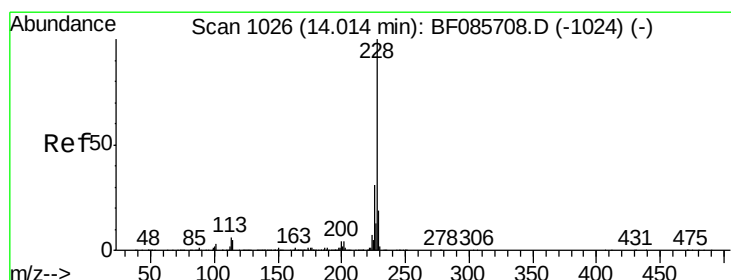
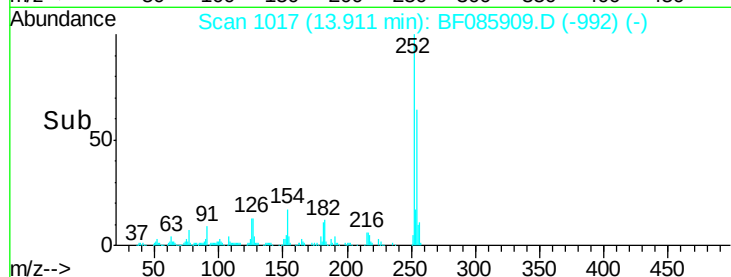
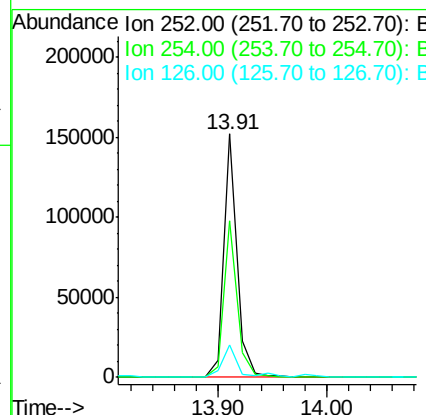
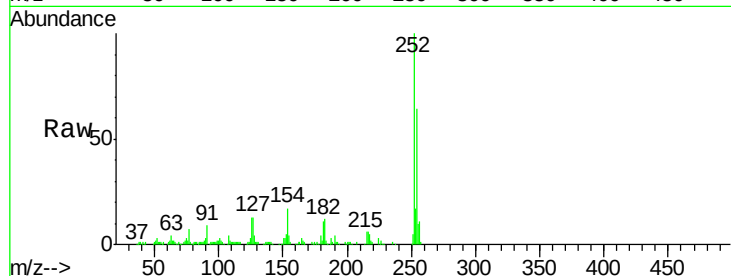




#81
 3,3'-Dichlorobenzidine
 Concen: 17.15 ng
 RT: 13.91 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BF085909.D
 Acq: 31 Mar 2016 3:57

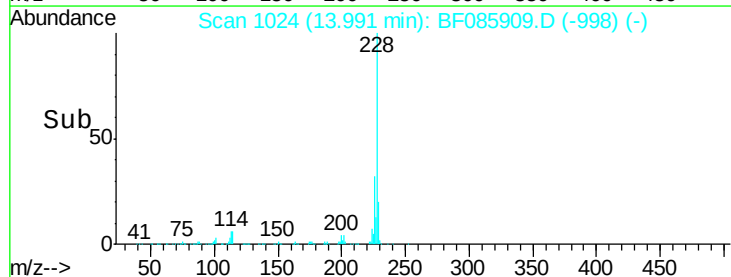
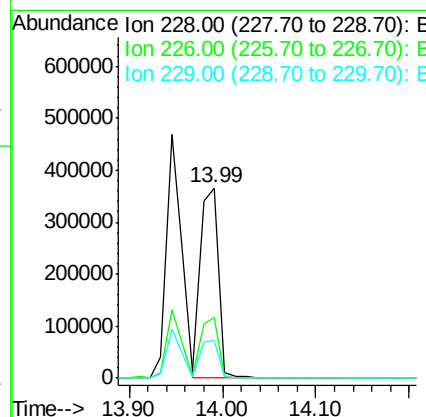
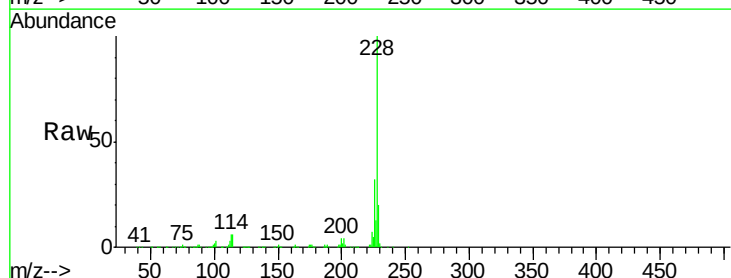
Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-EAST-END-14BGLMS

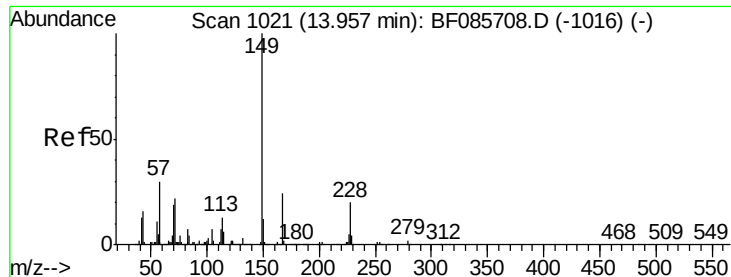
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	50.7	76.1
126	13.5	11.8	17.6



#82
 Chrysene
 Concen: 44.86 ng
 RT: 13.99 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BF085909.D
 Acq: 31 Mar 2016 3:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.0	37.6
229	19.6	15.7	23.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.85 ng

RT: 13.93 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-END-14BGLMS

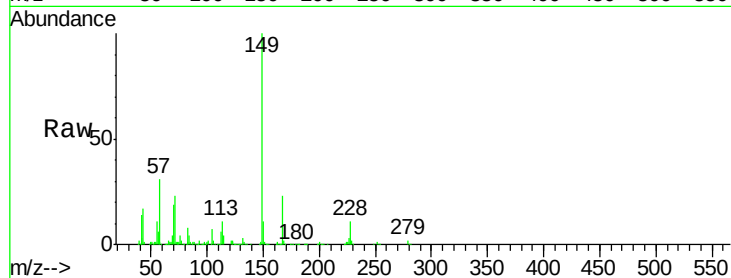
Tgt Ion:149 Resp: 412275

Ion Ratio Lower Upper

149 100

167 23.4 19.4 29.2

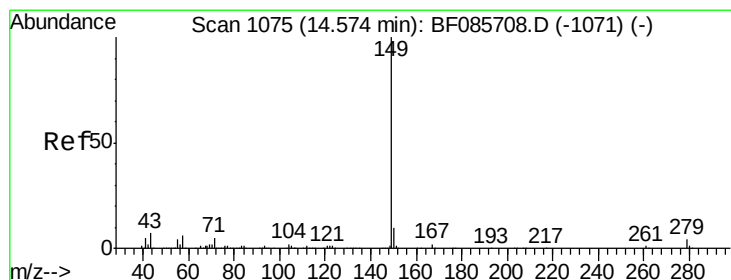
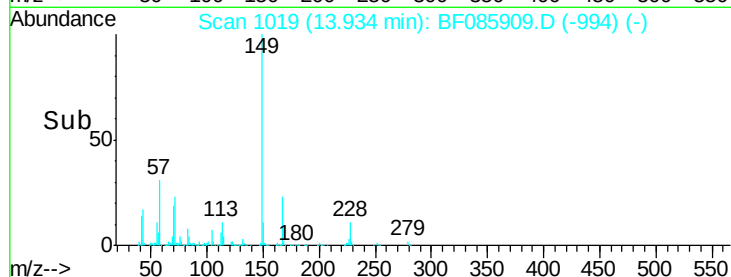
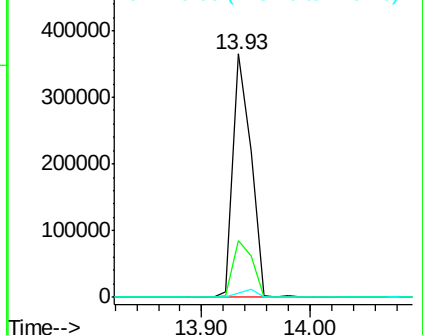
279 1.7 1.5 2.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 61.64 ng

RT: 14.55 min Scan# 1073

Delta R.T. -0.00 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

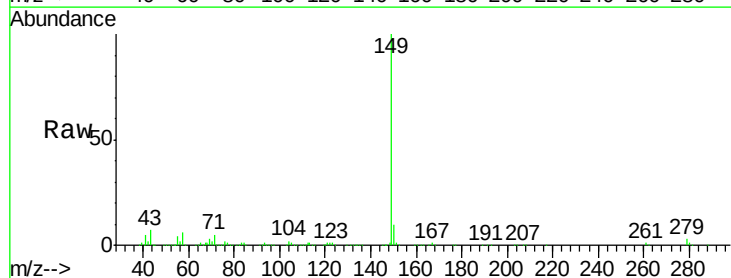
Tgt Ion:149 Resp: 728884

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

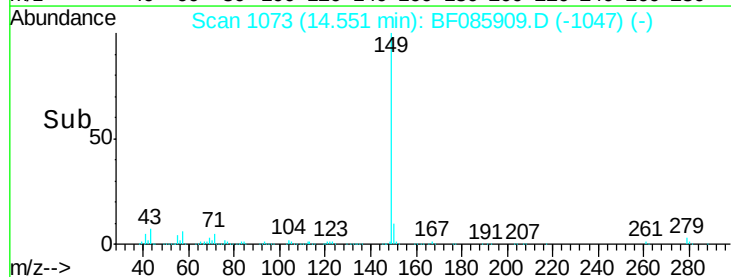
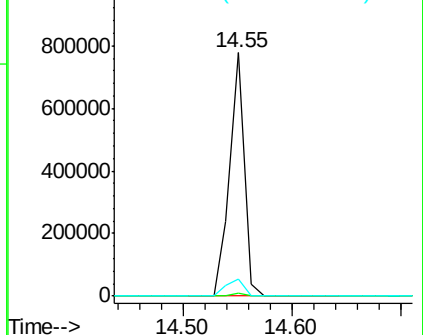
43 8.5 7.1 10.7

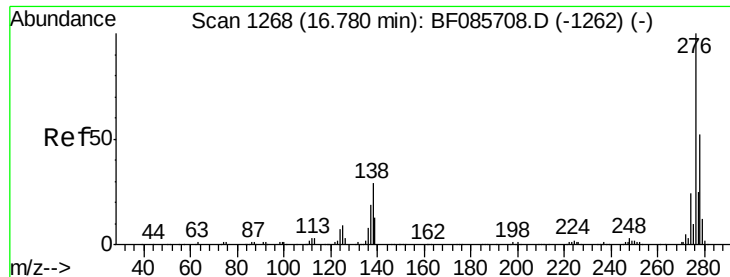


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

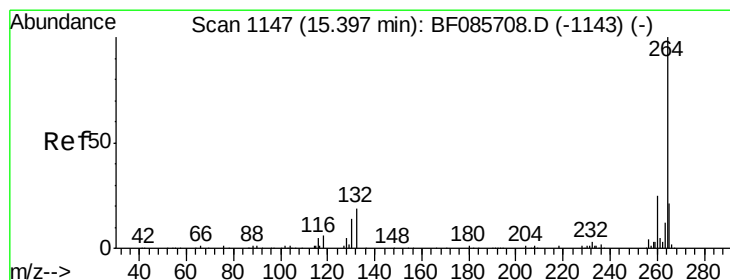
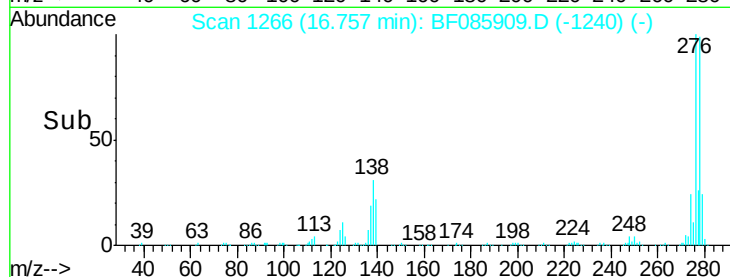
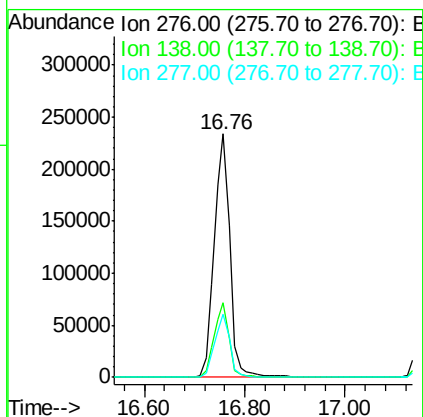
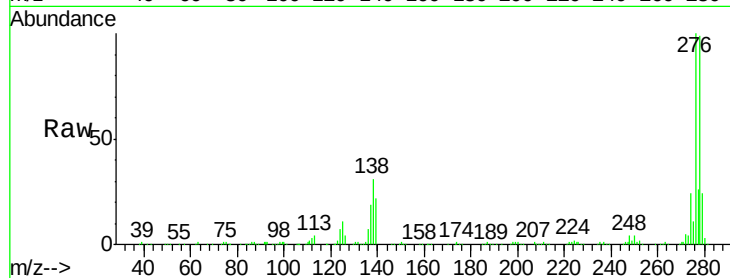




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 59.16 ng
 RT: 16.76 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: BF085909.D
 Acq: 31 Mar 2016 3:57

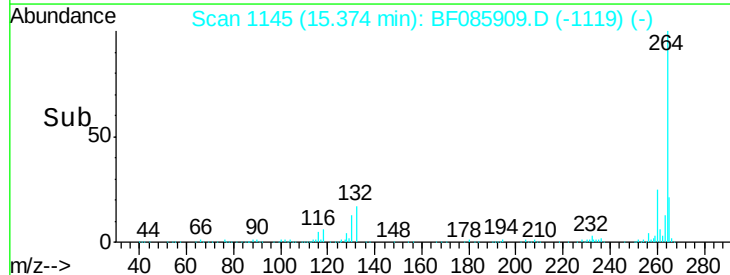
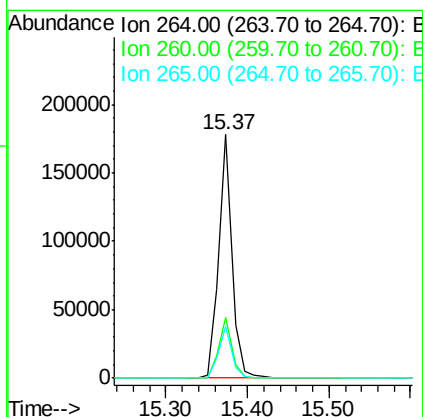
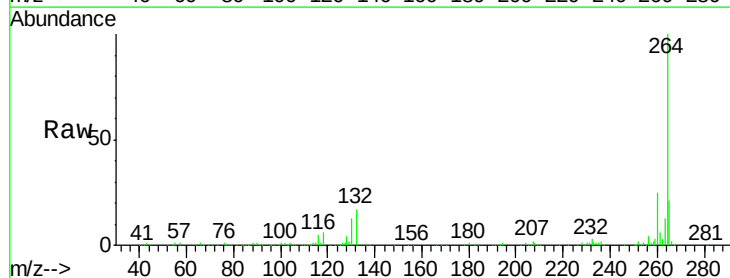
Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-EAST-END-14BGLMS

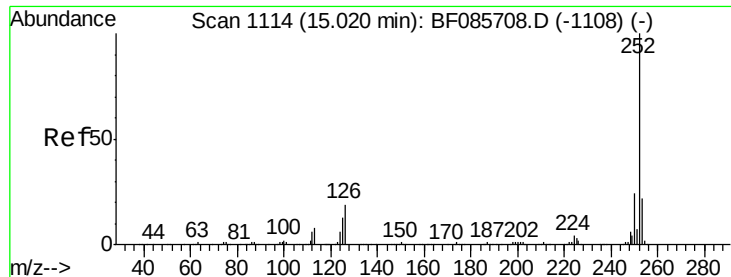
Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.4	24.2	36.4
277	25.3	20.0	30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1145
 Delta R.T. -0.00 min
 Lab File: BF085909.D
 Acq: 31 Mar 2016 3:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.2
265	21.4	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 83.32 ng

RT: 14.97 min Scan# 1110

Delta R.T. -0.00 min

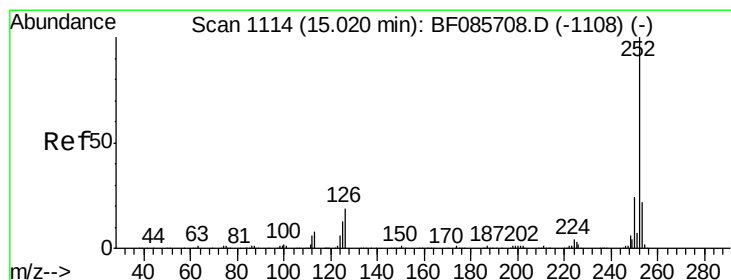
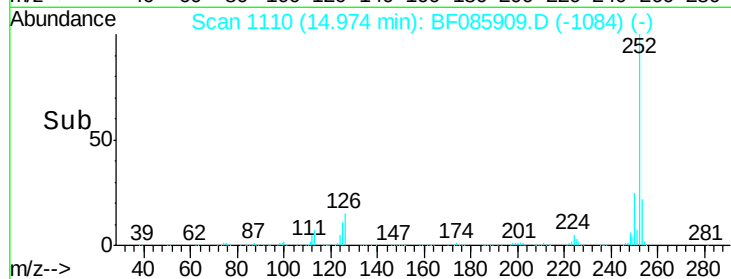
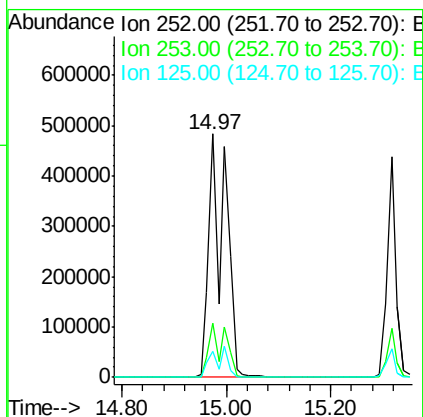
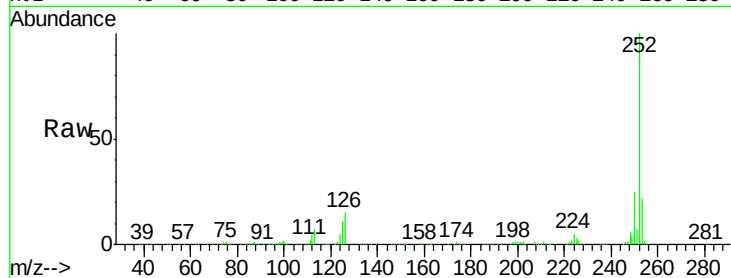
Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

Instrument :
BNA_F
ClientSampleId :
BOTTOM-EAST-END-14BGLMS

Tgt Ion: 252 Resp: 1058375

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	10.8	10.3	15.5



#88

Benzo(k)fluoranthene

Concen: 92.45 ng

RT: 14.97 min Scan# 1110

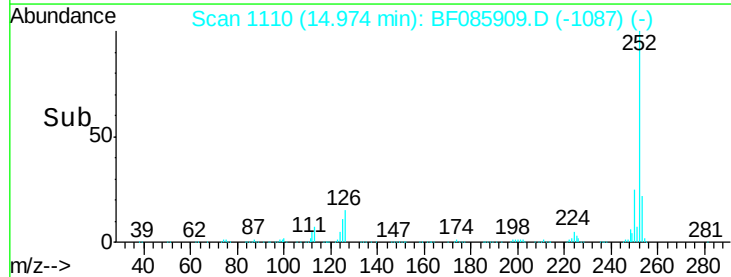
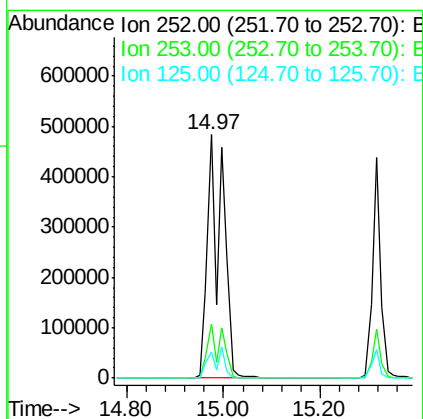
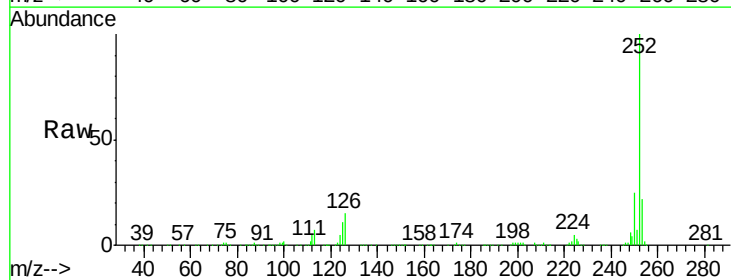
Delta R.T. -0.03 min

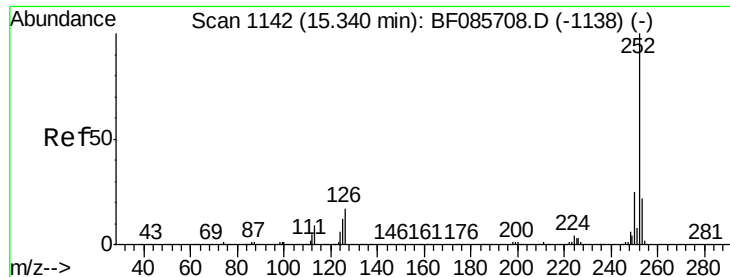
Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

Tgt Ion: 252 Resp: 1058729

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	10.8	7.7	11.5





#89

Benzo(a)pyrene

Concen: 46.67 ng

RT: 15.32 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-END-14BGLMS

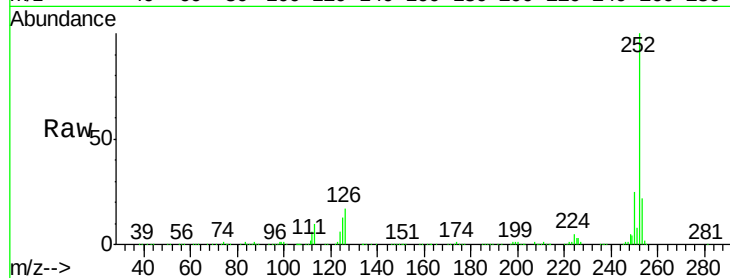
Tgt Ion: 252 Resp: 526445

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

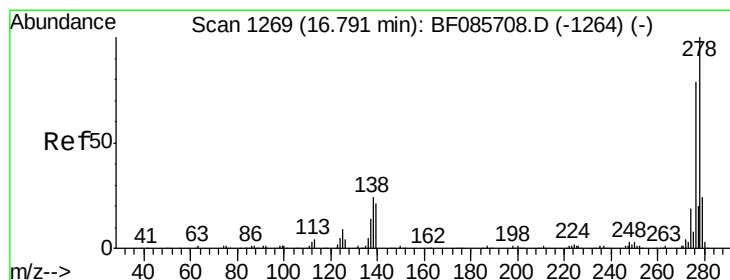
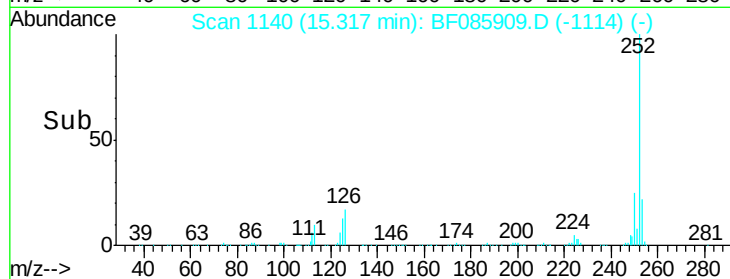
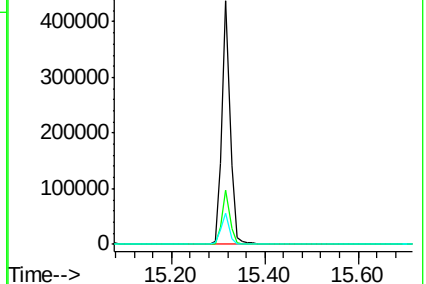
125 12.7 10.3 15.5



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



#90

Dibenzo(a,h)anthracene

Concen: 41.91 ng

RT: 16.76 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

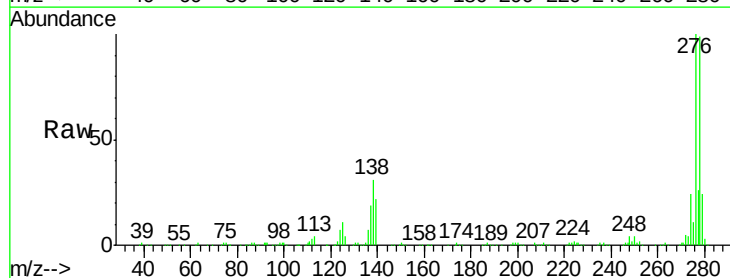
Tgt Ion: 278 Resp: 439187

Ion Ratio Lower Upper

278 100

139 21.9 14.4 21.6#

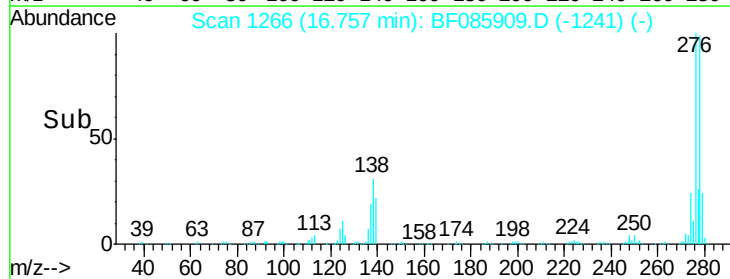
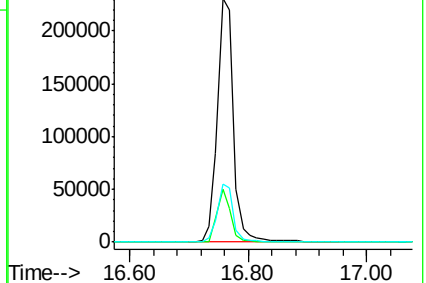
279 23.9 19.1 28.7

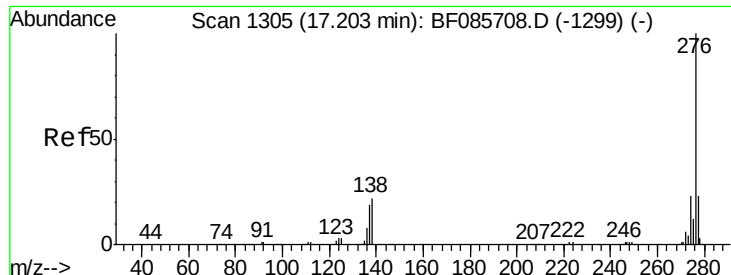


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 37.12 ng

RT: 17.17 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BF085909.D

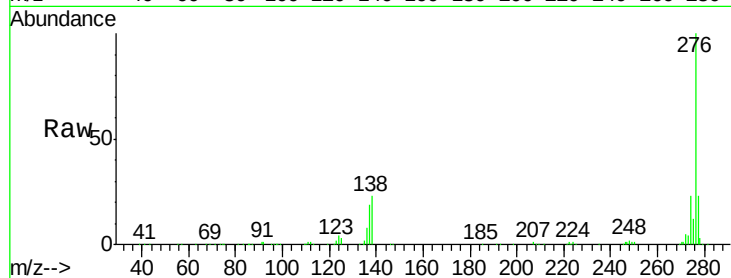
Acq: 31 Mar 2016 3:57

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-END-14BGLMS



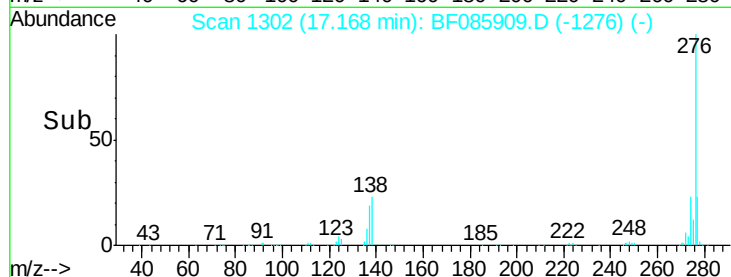
Tgt Ion: 276 Resp: 393918

Ion Ratio Lower Upper

276 100

277 22.9 18.8 28.2

138 23.4 22.6 34.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

