

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031016\
 Data File : BF085337.D
 Acq On : 10 Mar 2016 17:06
 Operator : UM/SJ
 Sample : PB88804BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 10 23:53:50 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	162235	20.00	ng	-0.05
21) Naphthalene-d8	8.22	136	652685	20.00	ng	-0.05
38) Acenaphthene-d10	9.98	164	299317	20.00	ng	-0.05
63) Phenanthrene-d10	11.46	188	518689	20.00	ng	-0.05
75) Chrysene-d12	14.11	240	396771	20.00	ng	-0.05
86) Perylene-d12	15.57	264	299289	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1089423	112.64	ng	-0.02
7) Phenol-d6	6.57	99	1423373	112.33	ng	-0.03
23) Nitrobenzene-d5	7.50	82	844513	69.24	ng	-0.05
41) 2,4,6-Tribromophenol	10.77	330	294769	115.09	ng	-0.05
44) 2-Fluorobiphenyl	9.30	172	1514337	76.94	ng	-0.05
78) Terphenyl-d14	13.05	244	1305016	76.35	ng	-0.03

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.69	88	150811	30.49	ng	98
3) Pyridine	3.44	79	384253	31.04	ng	97
4) n-Nitrosodimethylamine	3.38	42	185077	34.93	ng	95
6) Aniline	6.60	93	397746	22.40	ng	99
8) 2-Chlorophenol	6.72	128	403000	34.61	ng	97
9) Benzaldehyde	6.48	77	106509	14.45	ng	98
10) Phenol	6.58	94	563159	41.50	ng	88
11) bis(2-Chloroethyl)ether	6.68	93	421270	37.37	ng	99
12) 1,3-Dichlorobenzene	6.88	146	432766	34.62	ng	99
13) 1,4-Dichlorobenzene	6.88	146	432766	34.54	ng	96
14) 1,2-Dichlorobenzene	7.11	146	425699	37.45	ng	98
15) Benzyl Alcohol	7.08	79	326166	35.06	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	496488	30.56	ng	99
17) 2-Methylphenol	7.19	107	343226	36.12	ng	97
18) Hexachloroethane	7.45	117	156842	33.93	ng	97
19) n-Nitroso-di-n-propylamine	7.35	70	264256	32.00	ng	# 91
20) 3+4-Methylphenols	7.34	107	416994	37.05	ng	95
22) Acetophenone	7.35	105	540226	33.91	ng	# 98
24) Nitrobenzene	7.52	77	448055	36.16	ng	97
25) Isophorone	7.76	82	779811	34.50	ng	98
26) 2-Nitrophenol	7.84	139	229859	38.12	ng	# 91
27) 2,4-Dimethylphenol	7.88	122	412725	37.45	ng	96
28) bis(2-Chloroethoxy)methane	7.97	93	461887	36.69	ng	100
29) 2,4-Dichlorophenol	8.08	162	348703	39.24	ng	95
30) 1,2,4-Trichlorobenzene	8.16	180	338722	35.25	ng	100
31) Naphthalene	8.24	128	1157926	36.08	ng	98
32) Benzoic acid	7.98	122	212988	29.10	ng	97
33) 4-Chloroaniline	8.29	127	143128	11.03	ng	98
34) Hexachlorobutadiene	8.37	225	191086	38.22	ng	98
35) Caprolactam	8.70	113	35866	12.36	ng	93
36) 4-Chloro-3-methylphenol	8.78	107	385267	38.21	ng	86
37) 2-Methylnaphthalene	8.94	142	806920	39.18	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	312066	36.46	ng	97
40) Hexachlorocyclopentadiene	9.10	237	368353	79.78	ng	98

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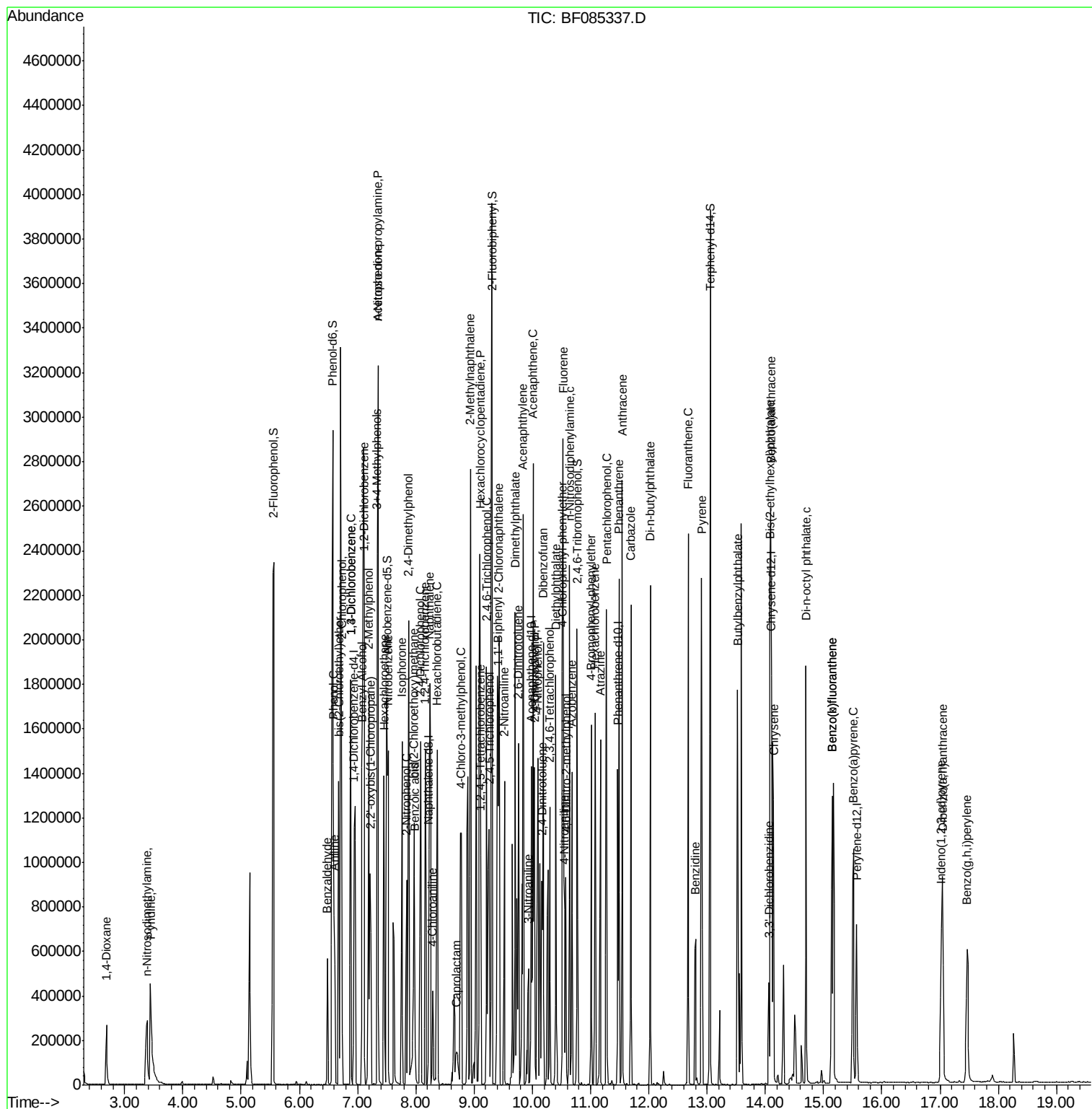
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	245516	38.53	nq	97
43) 2,4,5-Trichlorophenol	9.26	196	245777	40.68	nq	# 90
45) 1,1'-Biphenyl	9.41	154	887822	34.72	nq	92
46) 2-Chloronaphthalene	9.43	162	744847	38.21	nq	99
47) 2-Nitroaniline	9.52	65	236098	39.09	nq	# 81
48) Acenaphthylene	9.84	152	1083157	35.70	nq	98
49) Dimethylphthalate	9.70	163	889987	38.74	nq	100
50) 2,6-Dinitrotoluene	9.76	165	180526	36.73	nq	94
51) Acenaphthene	10.01	154	731846	39.73	nq	100
52) 3-Nitroaniline	9.93	138	126820	21.57	nq	93
53) 2,4-Dinitrophenol	10.04	184	171161	69.77	nq	# 51
54) Dibenzofuran	10.18	168	824983	34.18	nq	100
55) 4-Nitrophenol	10.09	139	311508	67.41	nq	88
56) 2,4-Dinitrotoluene	10.16	165	217915	34.65	nq	89
57) Fluorene	10.53	166	634510	33.47	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.30	232	160501	37.81	nq	94
59) Diethylphthalate	10.40	149	720654	32.33	nq	96
60) 4-Chlorophenyl-phenylether	10.52	204	307267	33.31	nq	91
61) 4-Nitroaniline	10.55	138	203173	36.94	nq	88
62) Azobenzene	10.68	77	728589	33.17	nq	96
64) 4,6-Dinitro-2-methylphenol	10.57	198	114234	36.78	nq	79
65) n-Nitrosodiphenylamine	10.64	169	629767	39.04	nq	99
66) 4-Bromophenyl-phenylether	11.01	248	186408	37.01	nq	# 87
67) Hexachlorobenzene	11.08	284	206112	38.36	nq	# 89
68) Atrazine	11.17	200	218106	48.61	nq	96
69) Pentachlorophenol	11.27	266	229286	76.88	nq	98
70) Phenanthrene	11.49	178	972828	35.79	nq	99
71) Anthracene	11.54	178	1088842	37.73	nq	99
72) Carbazole	11.69	167	859410	33.96	nq	99
73) Di-n-butylphthalate	12.02	149	1086238	33.96	nq	99
74) Fluoranthene	12.68	202	977301	35.83	nq	98
76) Benzidine	12.80	184	378956	32.09	nq	98
77) Pyrene	12.90	202	986014	33.02	nq	99
79) Butylbenzylphthalate	13.52	149	447554	33.03	nq	91
80) Benzo(a)anthracene	14.09	228	824028	34.69	nq	98
81) 3,3'-Dichlorobenzidine	14.06	252	108330	14.46	nq	# 95
82) Chrysene	14.14	228	768108	35.01	nq	98
83) Bis(2-ethylhexyl)phthalate	14.08	149	576055	32.31	nq	99
84) Di-n-octyl phthalate	14.70	149	965622	35.56	nq	96
85) Indeno(1,2,3-cd)pyrene	17.02	276	629129	36.74	nq	97
87) Benzo(b)fluoranthene	15.15	252	713108	35.75	nq	# 96
88) Benzo(k)fluoranthene	15.15	252	713108	44.32	nq	# 97
89) Benzo(a)pyrene	15.51	252	640834	38.77	nq	99
90) Dibenzo(a,h)anthracene	17.04	278	530262	37.58	nq	96
91) Benzo(g,h,i)perylene	17.47	276	535363	37.73	nq	99

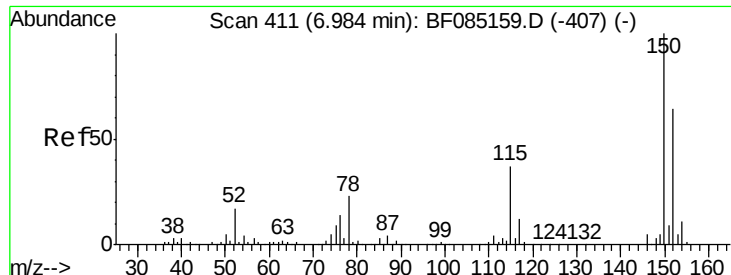
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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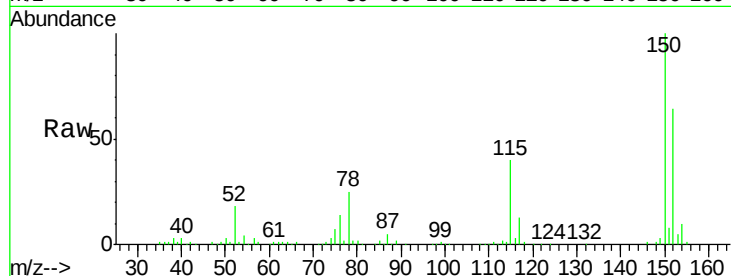


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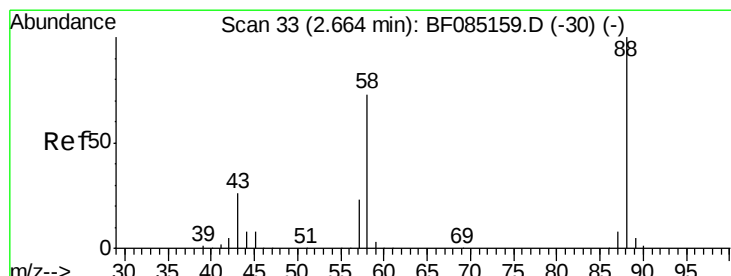
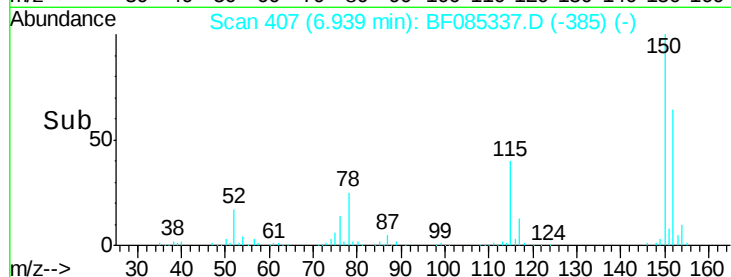
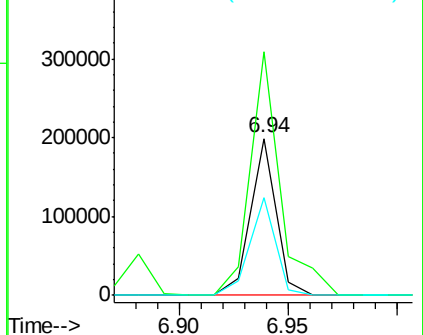
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 407
Delta R.T. -0.05 min
Lab File: BF085337.D
Acq: 10 Mar 2016 17:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.6	186.8
115	62.6	46.6	70.0



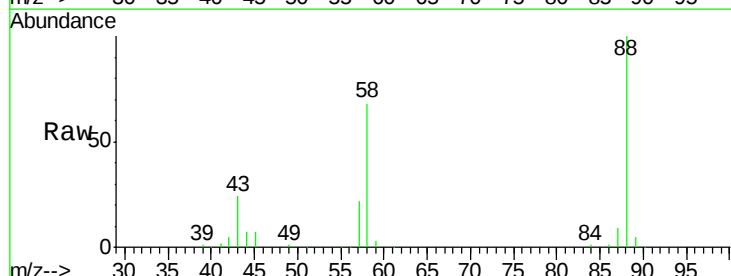
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



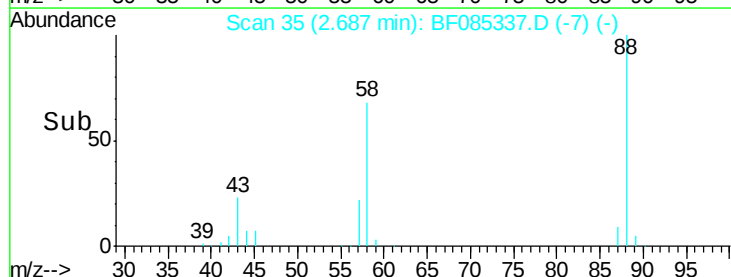
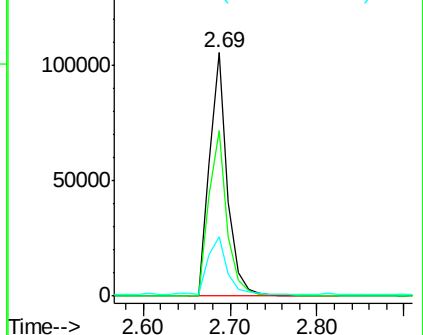
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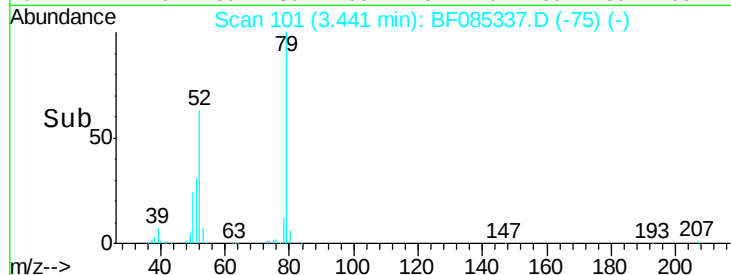
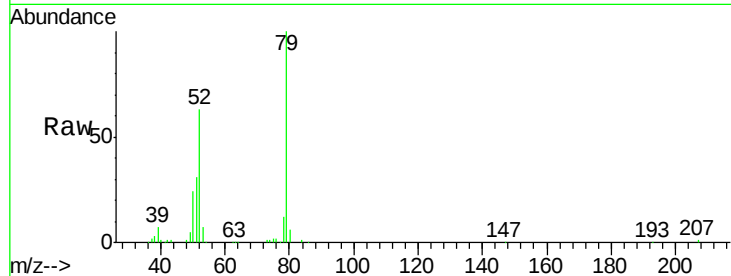
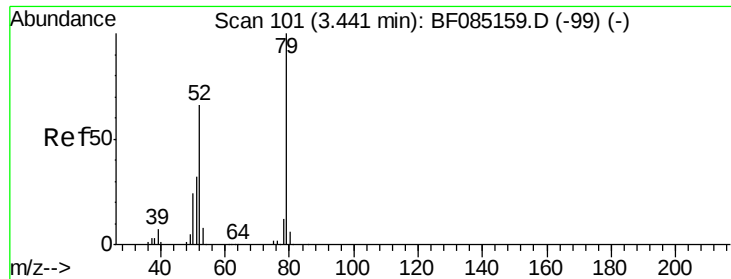
1,4-Dioxane
Concen: 30.49 ng
RT: 2.69 min Scan# 35
Delta R.T. 0.02 min
Lab File: BF085337.D
Acq: 10 Mar 2016 17:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.7	57.0	85.6
43	24.7	20.5	30.7



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0

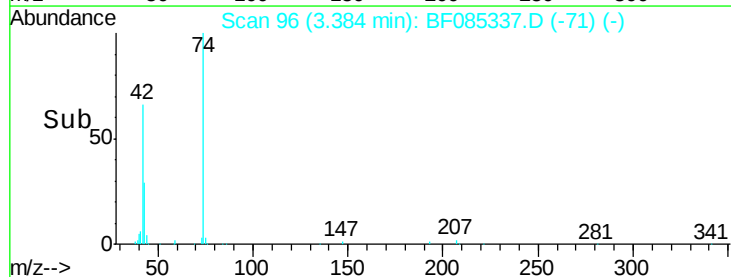
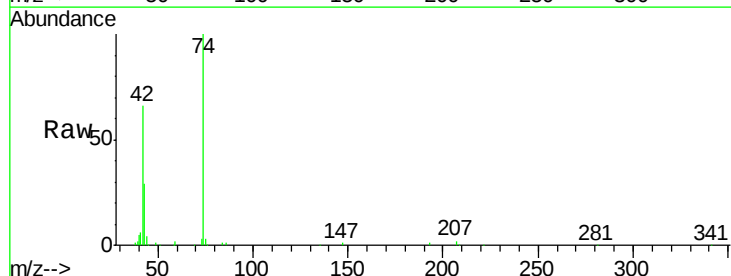
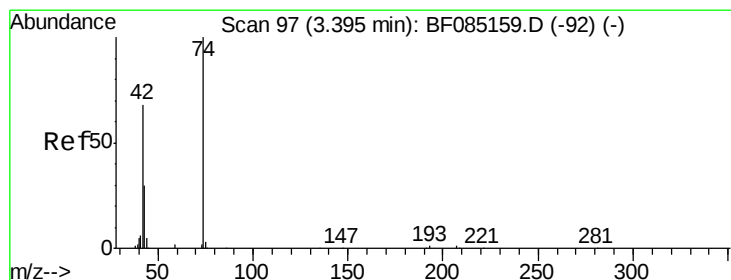
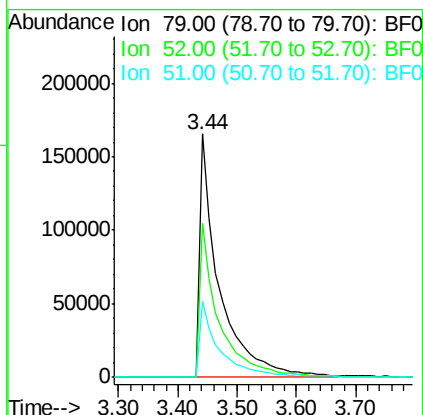




#3
 Pvridine
 Concen: 31.04 ng
 RT: 3.44 min Scan# 101
 Delta R.T. 0.00 min
 Lab File: BF085337.D
 Acq: 10 Mar 2016 17:06

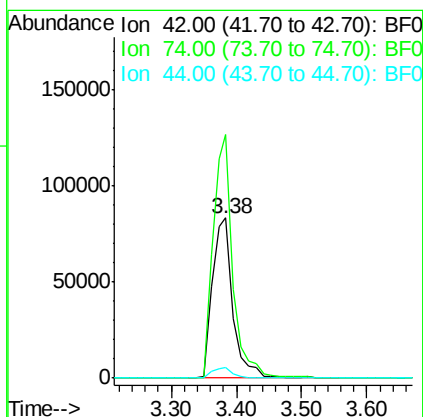
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 384253
 Ion Ratio Lower Upper
 79 100
 52 63.4 52.6 79.0
 51 31.0 25.8 38.8



#4
 n-Nitrosodimethylamine
 Concen: 34.93 ng
 RT: 3.38 min Scan# 96
 Delta R.T. -0.01 min
 Lab File: BF085337.D
 Acq: 10 Mar 2016 17:06

Tgt Ion: 42 Resp: 185077
 Ion Ratio Lower Upper
 42 100
 74 152.3 116.8 175.2
 44 6.7 5.5 8.3





#5

2-Fluorophenol

Concen: 112.64 ng

RT: 5.56 min Scan# 286

Delta R.T. -0.02 min

Lab File: BF085337.D

Acq: 10 Mar 2016 17:06

Instrument :

BNA_F

ClientSampleId :

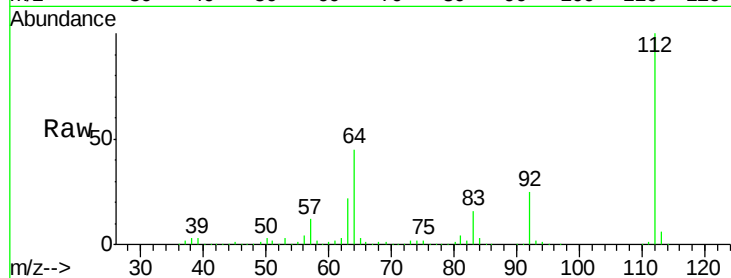
Tot Ion:112 Resp: 1089423

Ion Ratio Lower Upper

112 100

64 44.5 49.0 73.4#

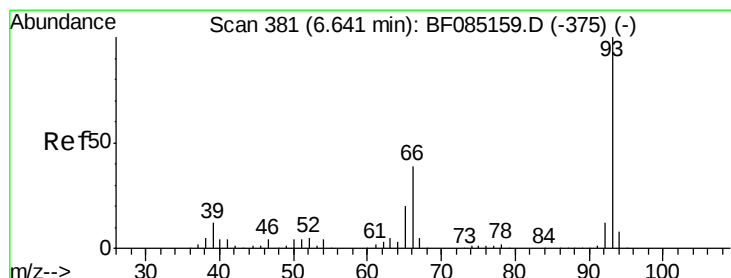
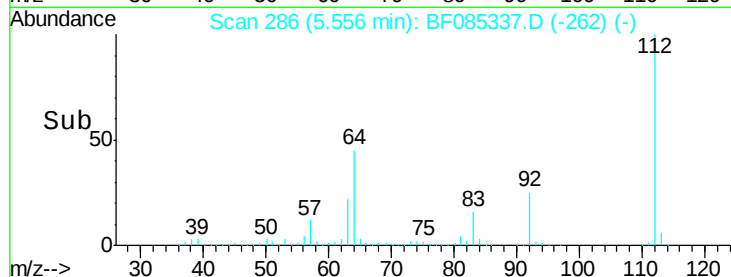
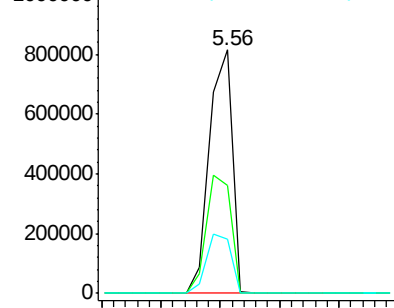
63 22.4 24.8 37.2#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 22.40 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF085337.D

Acq: 10 Mar 2016 17:06

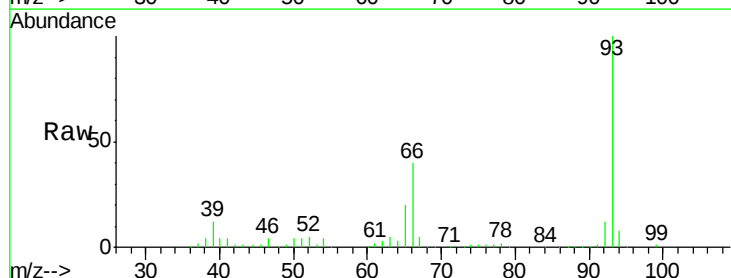
Tgt Ion: 93 Resp: 397746

Ion Ratio Lower Upper

93 100

66 40.0 31.6 47.4

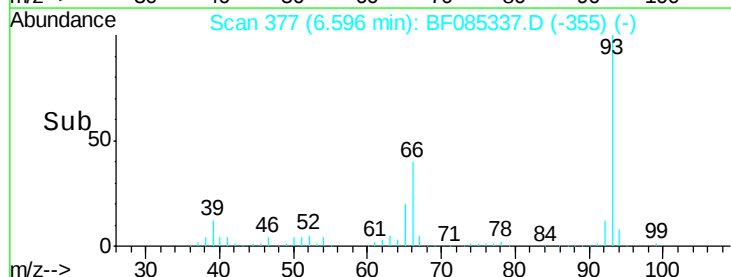
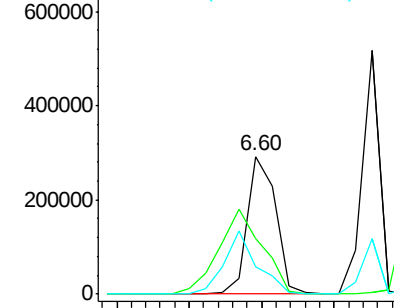
65 19.5 15.8 23.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 112.33 ng

RT: 6.57 min Scan# 375

Delta R.T. -0.03 min

Lab File: BF085337.D

Acq: 10 Mar 2016 17:06

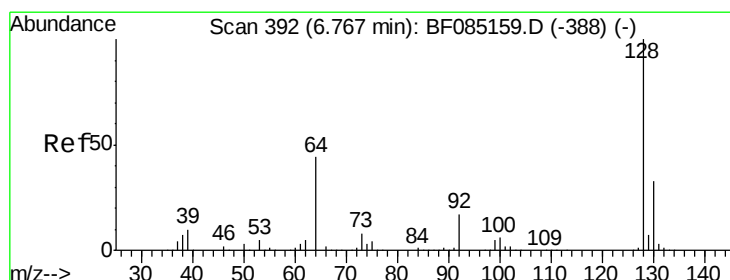
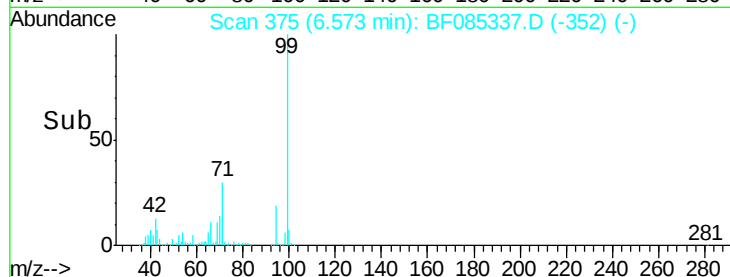
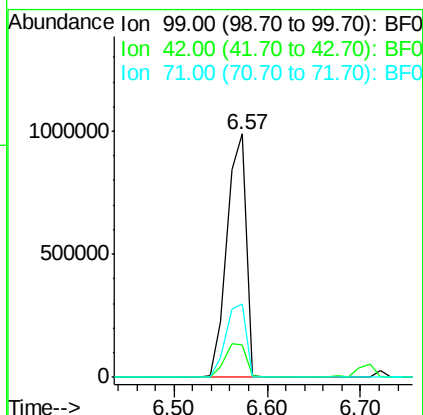
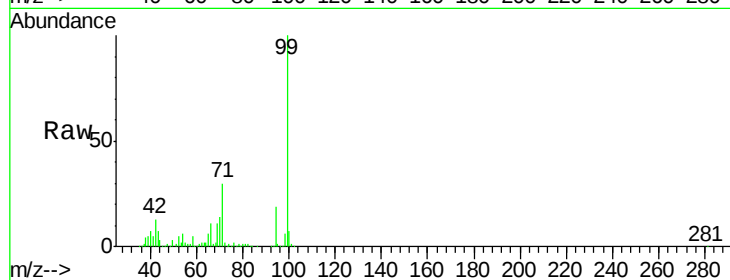
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1423373

Ion	Ratio	Lower	Upper
99	100		
42	13.3	13.6	20.4#
71	30.1	26.7	40.1



#8

2-Chlorophenol

Concen: 34.61 ng

RT: 6.72 min Scan# 388

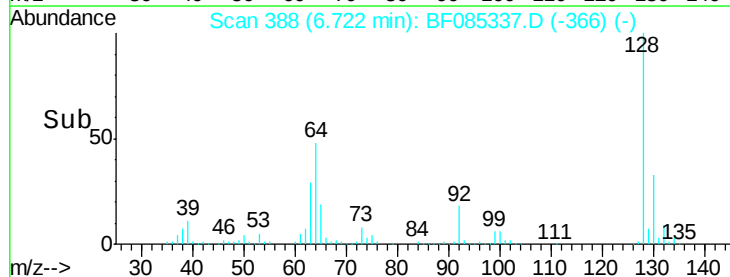
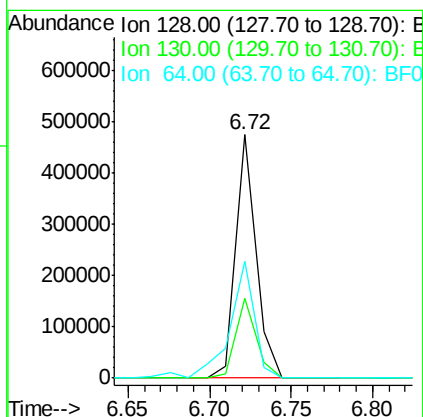
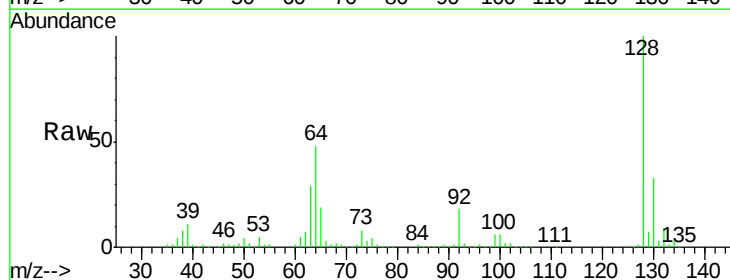
Delta R.T. -0.05 min

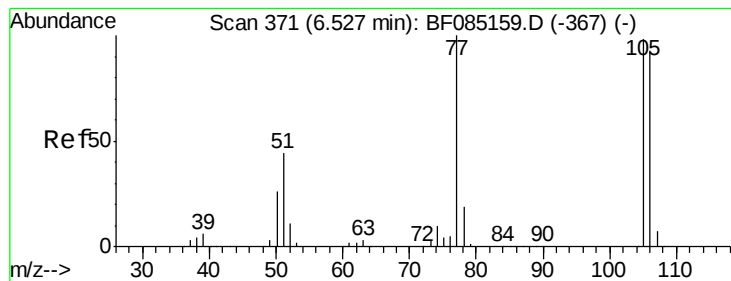
Lab File: BF085337.D

Acq: 10 Mar 2016 17:06

Tgt Ion: 128 Resp: 403000

Ion	Ratio	Lower	Upper
128	100		
130	32.6	13.3	53.3
64	48.2	25.7	65.7





#9

Benzaldehyde

Concen: 14.45 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.05 min

Lab File: BF085337.D

Acq: 10 Mar 2016 17:06

Instrument :

BNA_F

ClientSampleId :

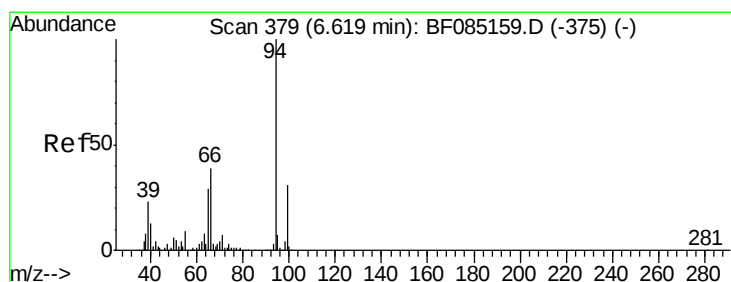
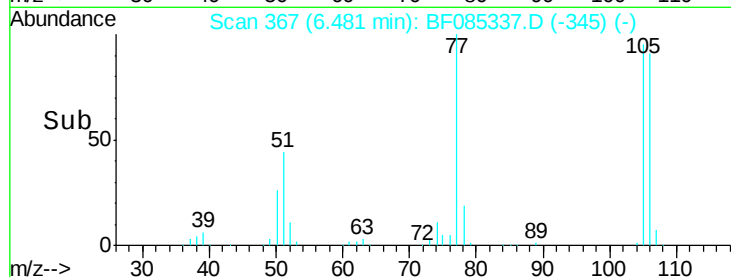
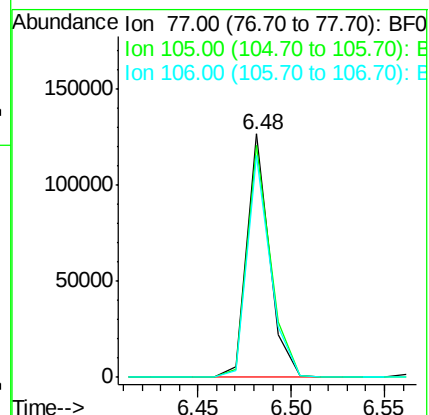
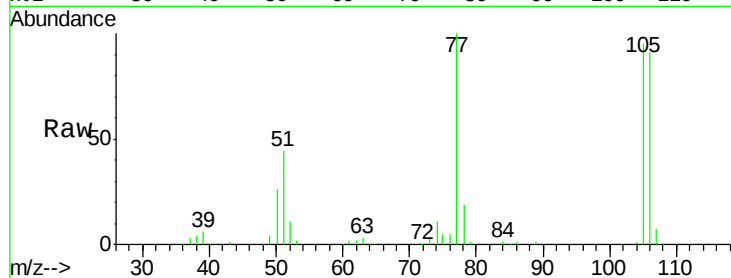
Tot Ion: 77 Resp: 106509

Ion Ratio Lower Upper

77 100

105 95.2 78.2 118.2

106 91.2 72.9 112.9



#10

Phenol

Concen: 41.50 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF085337.D

Acq: 10 Mar 2016 17:06

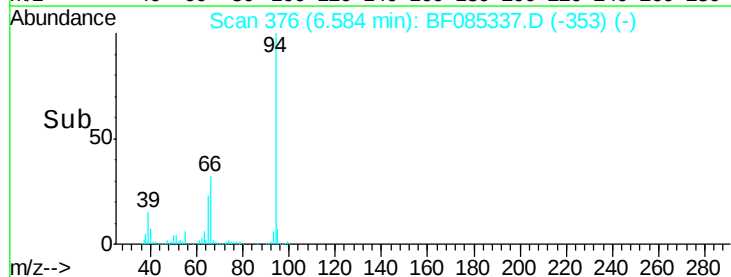
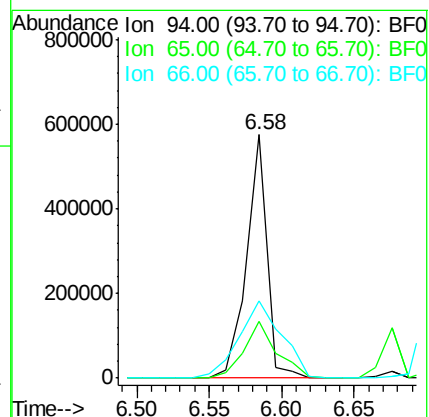
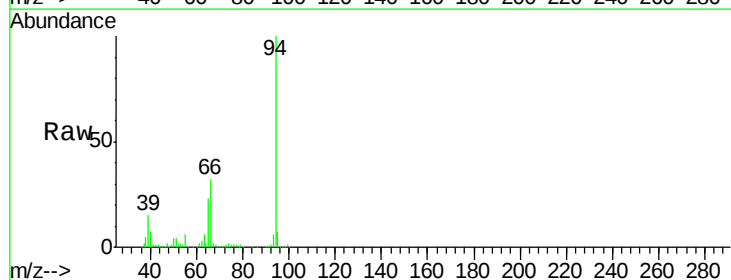
Tgt Ion: 94 Resp: 563159

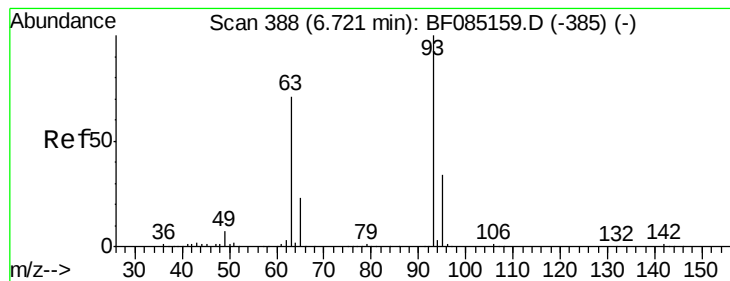
Ion Ratio Lower Upper

94 100

65 23.4 9.1 49.1

66 31.5 19.3 59.3

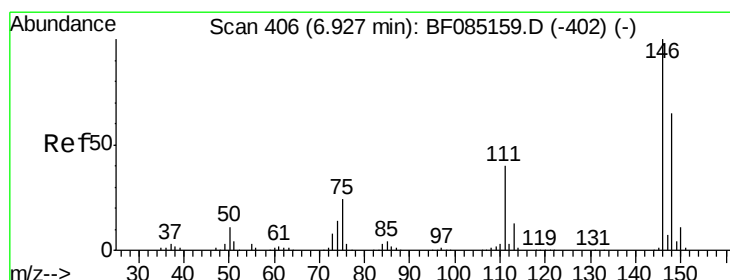
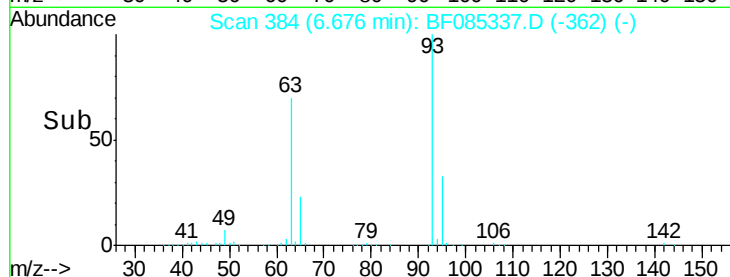
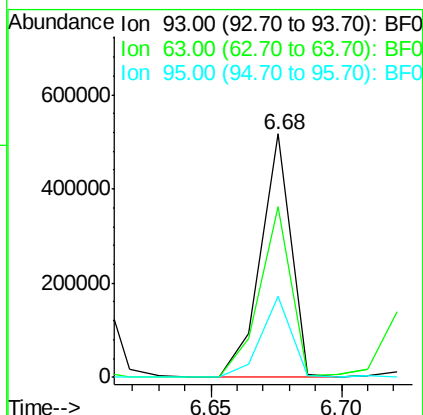
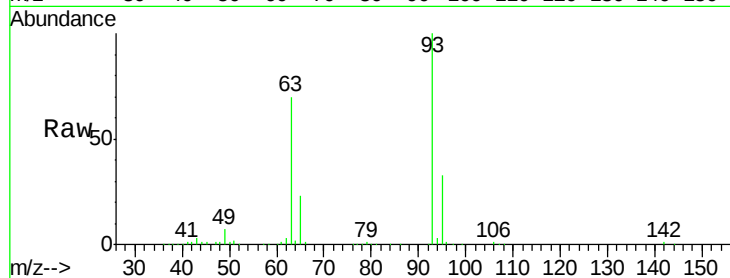




#11
bis(2-Chloroethyl)ether
Concen: 37.37 ng
RT: 6.68 min Scan# 384
Delta R.T. -0.05 min
Lab File: BF085337.D
Acq: 10 Mar 2016 17:06

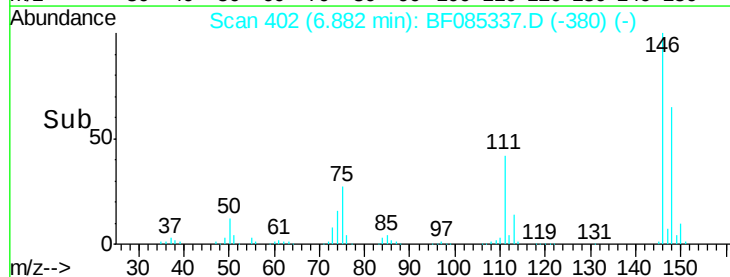
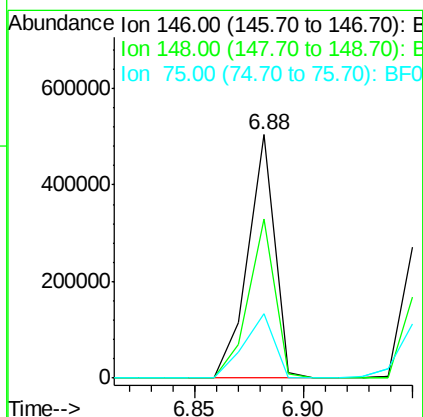
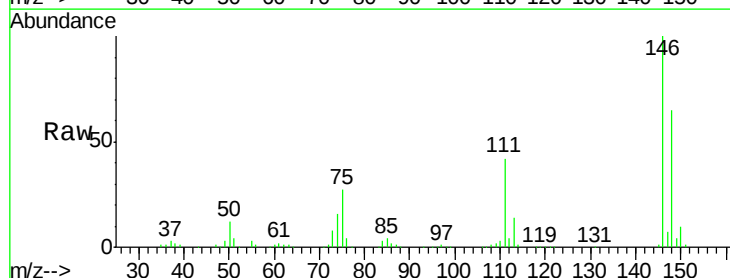
Instrument :
BNA_F
ClientSampleId :

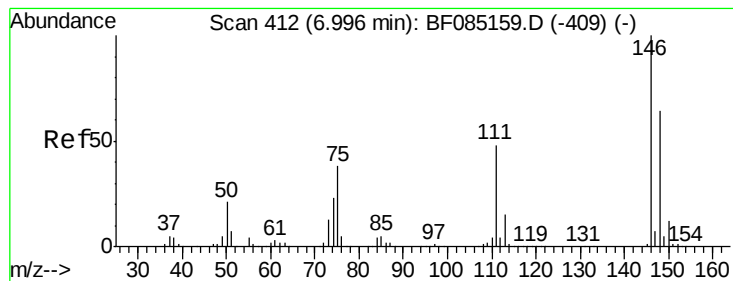
Tot Ion: 93 Resp: 421270
Ion Ratio Lower Upper
93 100
63 70.3 50.9 90.9
95 33.0 13.7 53.7



#12
1,3-Dichlorobenzene
Concen: 34.62 ng
RT: 6.88 min Scan# 402
Delta R.T. -0.05 min
Lab File: BF085337.D
Acq: 10 Mar 2016 17:06

Tgt Ion: 146 Resp: 432766
Ion Ratio Lower Upper
146 100
148 65.1 52.1 78.1
75 26.5 19.5 29.3





#13

1,4-Dichlorobenzene

Concen: 34.54 ng

RT: 6.88 min Scan# 402

Delta R.T. -0.11 min

Lab File: BF085337.D

Acq: 10 Mar 2016 17:06

Instrument :

BNA_F

ClientSampleId :

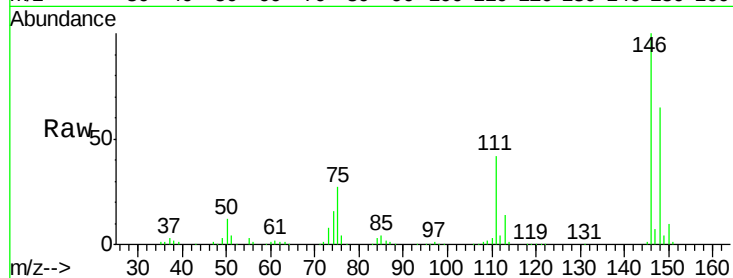
Tot Ion:146 Resp: 432766

Ion Ratio Lower Upper

146 100

148 65.1 51.3 76.9

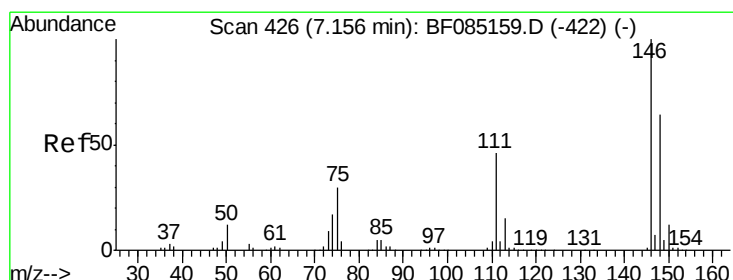
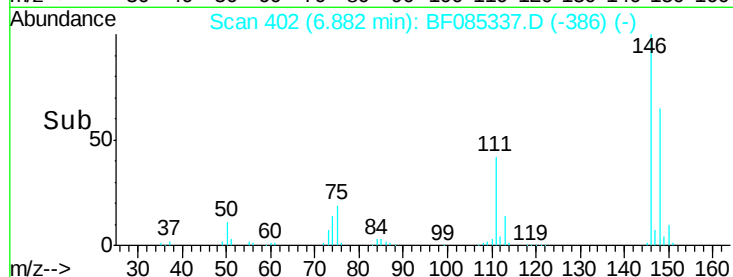
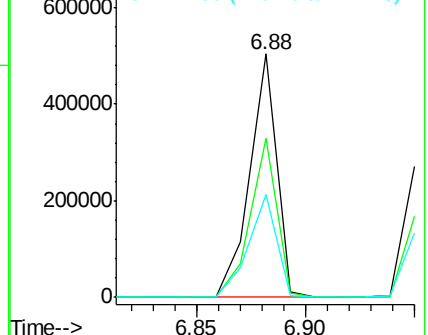
111 42.1 38.4 57.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.45 ng

RT: 7.11 min Scan# 422

Delta R.T. -0.05 min

Lab File: BF085337.D

Acq: 10 Mar 2016 17:06

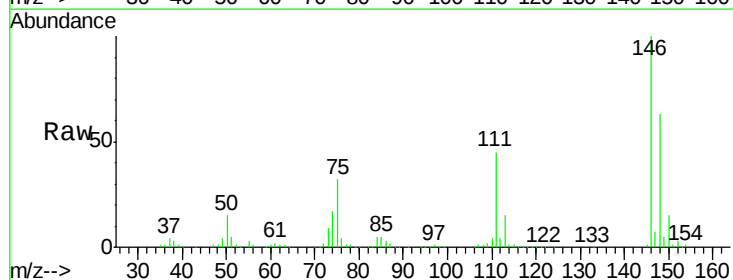
Tgt Ion:146 Resp: 425699

Ion Ratio Lower Upper

146 100

148 62.5 51.4 77.2

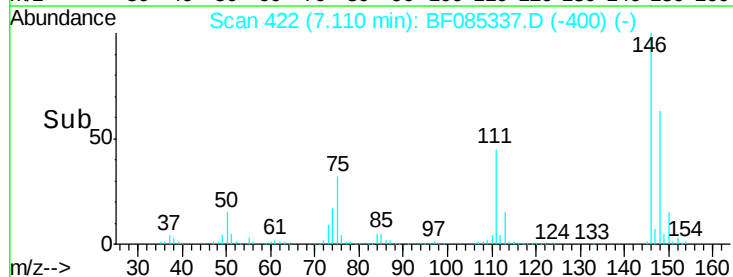
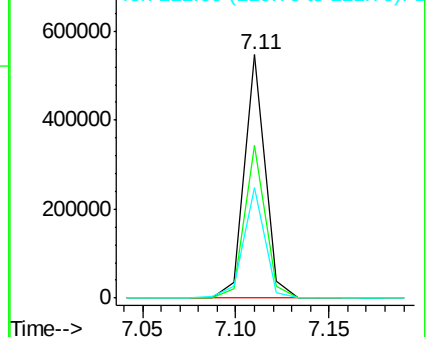
111 45.3 36.7 55.1

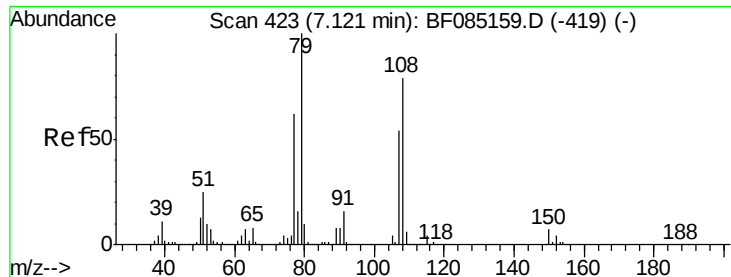


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.06 ng

RT: 7.08 min Scan# 419

Delta R.T. -0.05 min

Lab File: BF085337.D

Acq: 10 Mar 2016 17:06

Instrument :

BNA_F

ClientSampled :

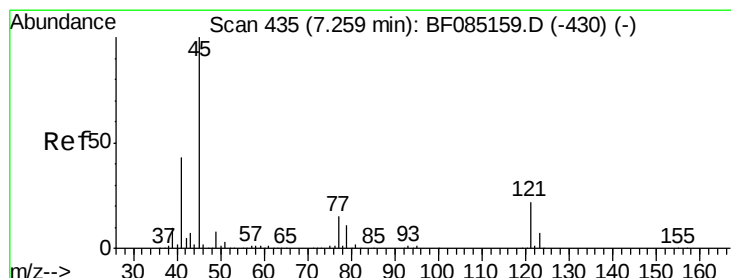
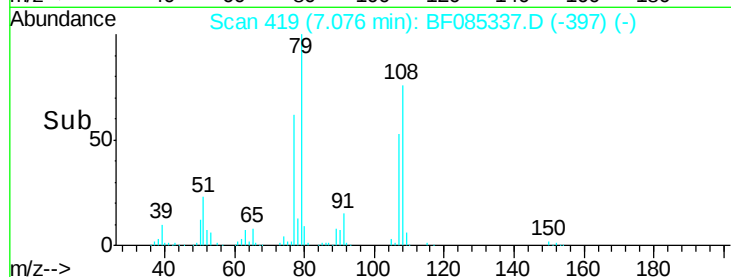
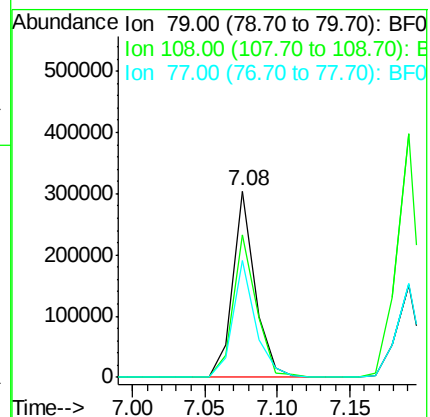
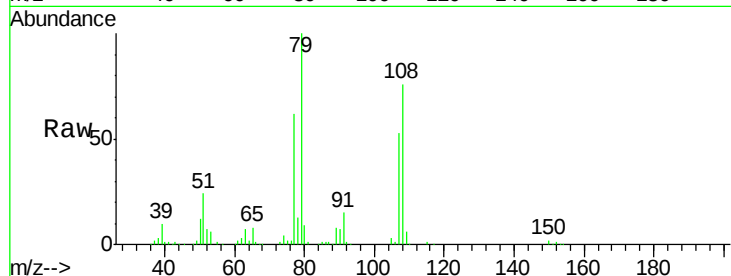
Tot Ion: 79 Resp: 326166

Ion Ratio Lower Upper

79 100

108 76.2 62.9 94.3

77 62.3 49.5 74.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.56 ng

RT: 7.21 min Scan# 431

Delta R.T. -0.05 min

Lab File: BF085337.D

Acq: 10 Mar 2016 17:06

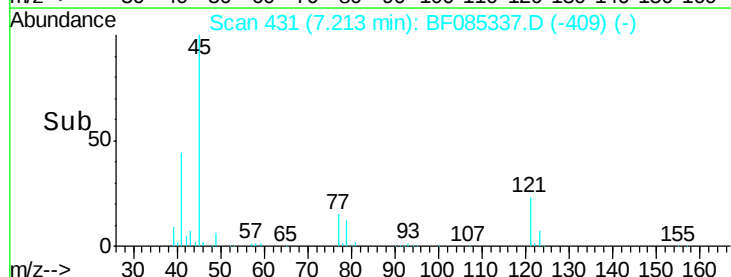
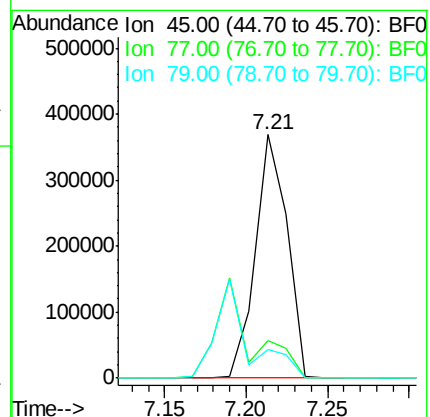
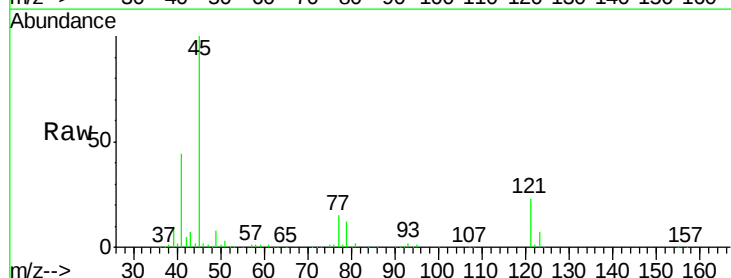
Tgt Ion: 45 Resp: 496488

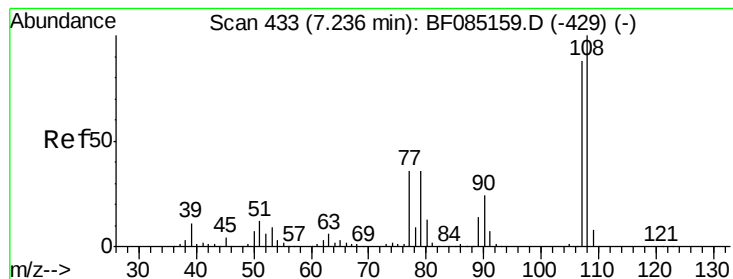
Ion Ratio Lower Upper

45 100

77 15.2 0.0 35.1

79 11.7 0.0 31.3





#17

2-Methylphenol

Concen: 36.12 ng

RT: 7.19 min Scan# 429

Delta R.T. -0.05 min

Lab File: BF085337.D

Acq: 10 Mar 2016 17:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 343226

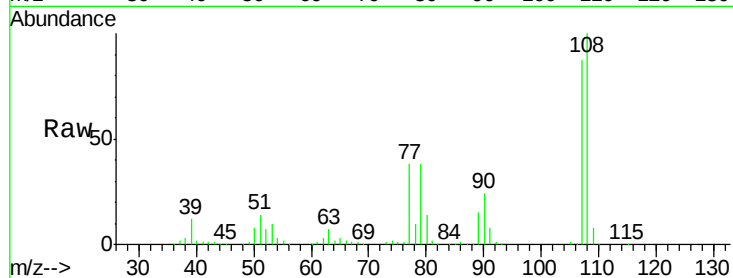
Ion Ratio Lower Upper

107 100

108 114.9 90.9 136.3

77 44.0 32.6 48.8

79 43.6 32.8 49.2

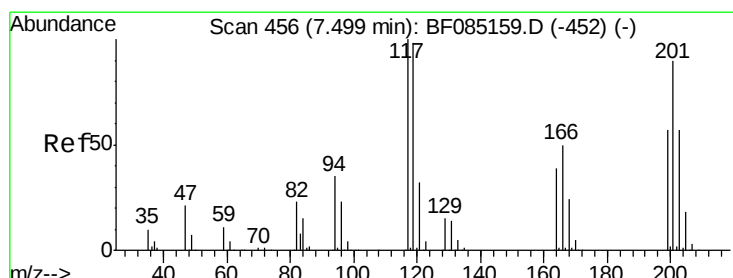
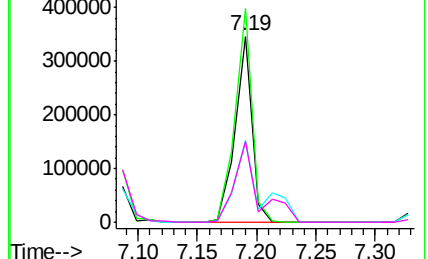
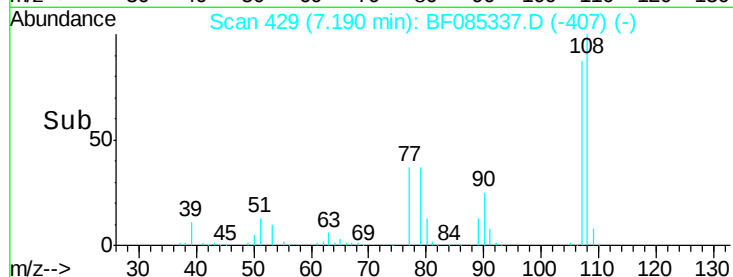


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 33.93 ng

RT: 7.45 min Scan# 452

Delta R.T. -0.05 min

Lab File: BF085337.D

Acq: 10 Mar 2016 17:06

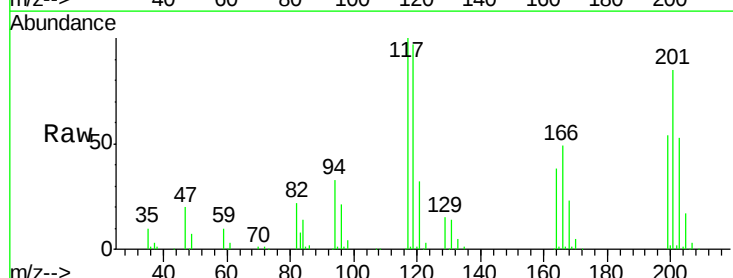
Tgt Ion:117 Resp: 156842

Ion Ratio Lower Upper

117 100

119 97.3 78.2 117.4

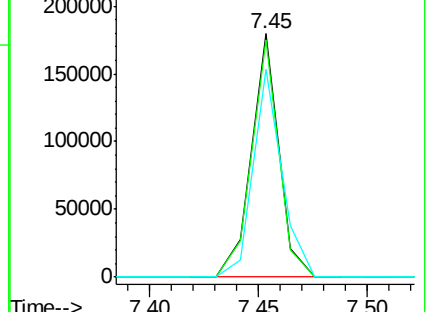
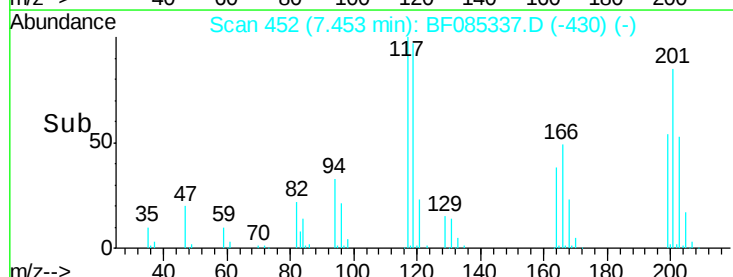
201 85.4 72.0 108.0



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

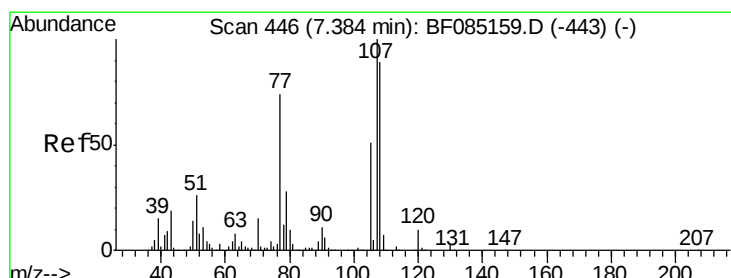
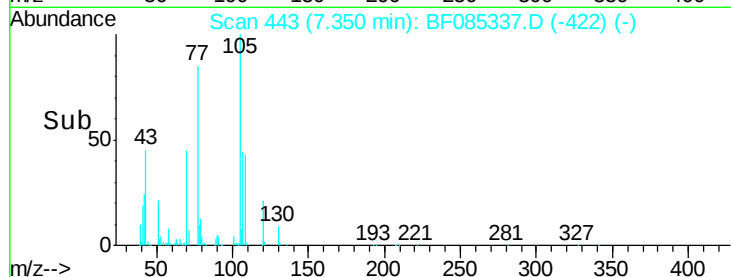
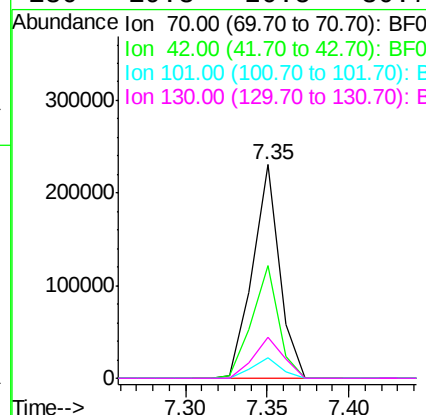
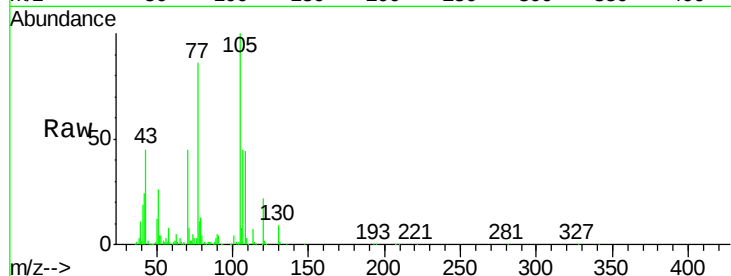




#19
n-Nitroso-di-n-propylamine
Concen: 32.00 ng
RT: 7.35 min Scan# 443
Delta R.T. -0.06 min
Lab File: BF085337.D
Acq: 10 Mar 2016 17:06

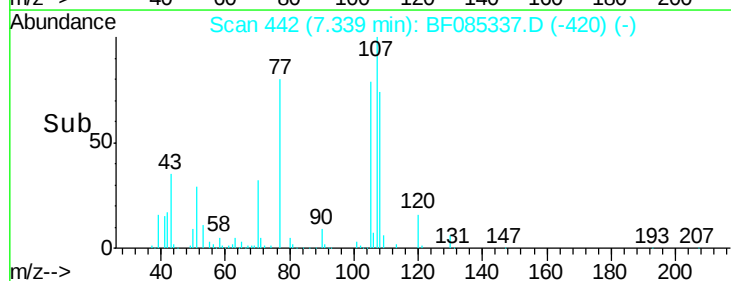
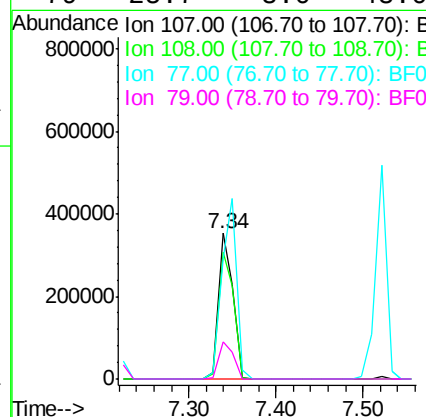
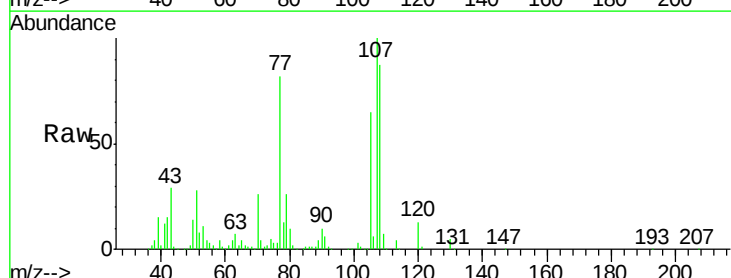
Instrument :
BNA_F
ClientSampleId :

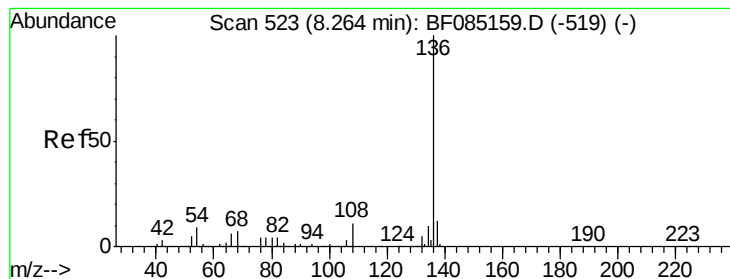
Tot Ion: 70 Resp: 264256
Ion Ratio Lower Upper
70 100
42 52.7 37.7 56.5
101 9.4 8.2 12.4
130 19.3 20.5 30.7#



#20
3+4-Methylphenols
Concen: 37.05 ng
RT: 7.34 min Scan# 442
Delta R.T. -0.05 min
Lab File: BF085337.D
Acq: 10 Mar 2016 17:06

Tgt Ion:107 Resp: 416994
Ion Ratio Lower Upper
107 100
108 87.2 68.8 108.8
77 82.4 53.6 93.6
79 25.7 8.0 48.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.22 min Scan# 519

Delta R.T. -0.05 min

Lab File: BF085337.D

Acq: 10 Mar 2016 17:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 652685

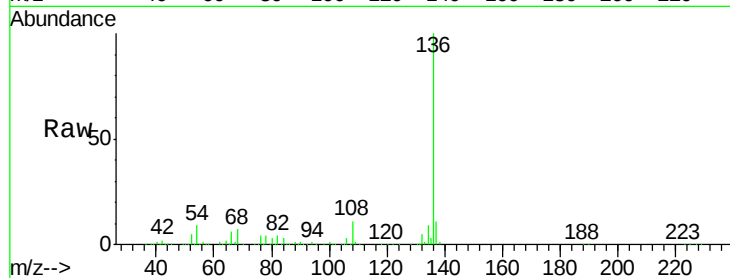
Ion Ratio Lower Upper

136 100

137 11.2 9.3 13.9

54 8.9 7.4 11.2

68 7.2 6.0 9.0

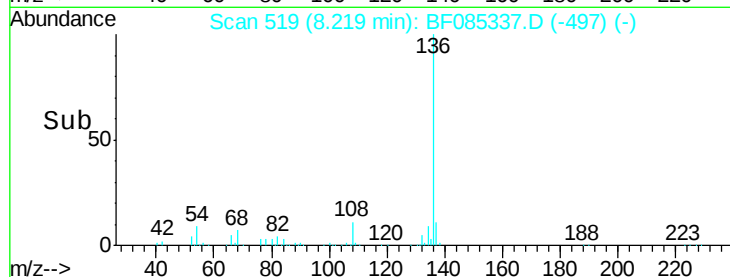


Abundance Ion 136.00 (135.70 to 136.70): E

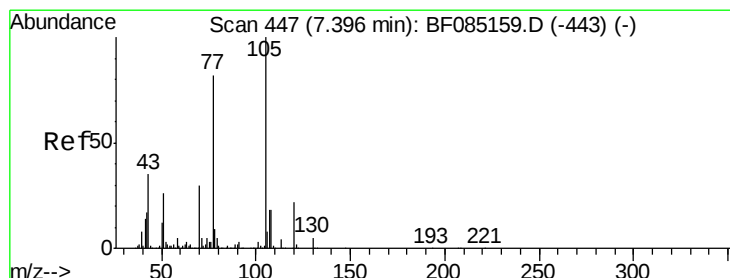
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 8.15 8.20 8.25



#22

Acetophenone

Concen: 33.91 ng

RT: 7.35 min Scan# 443

Delta R.T. -0.05 min

Lab File: BF085337.D

Acq: 10 Mar 2016 17:06

Tgt Ion:105 Resp: 540226

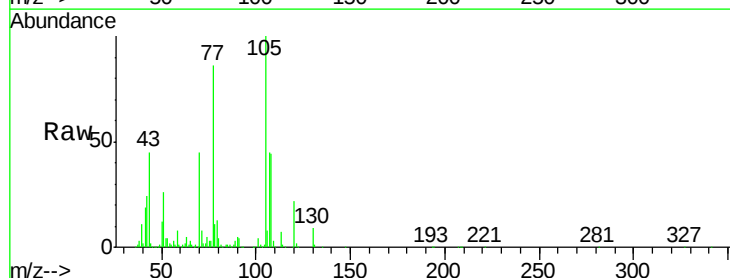
Ion Ratio Lower Upper

105 100

71 7.5 4.1 6.1#

51 25.8 21.1 31.7

120 21.9 17.3 25.9

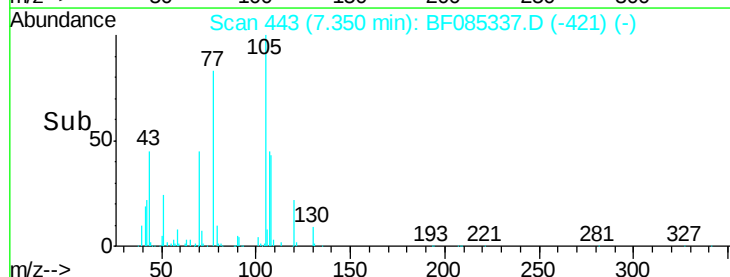


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



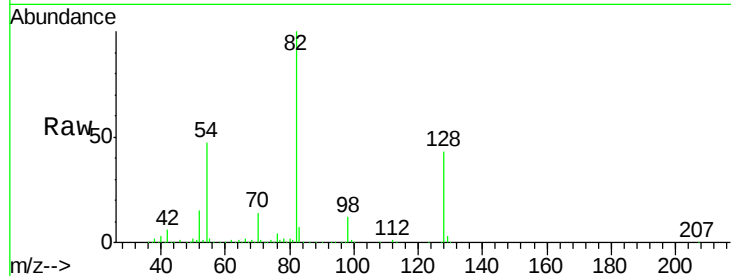
Time--> 7.25 7.30 7.35 7.40 7.45



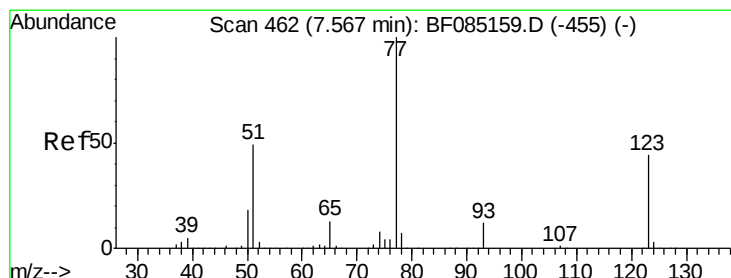
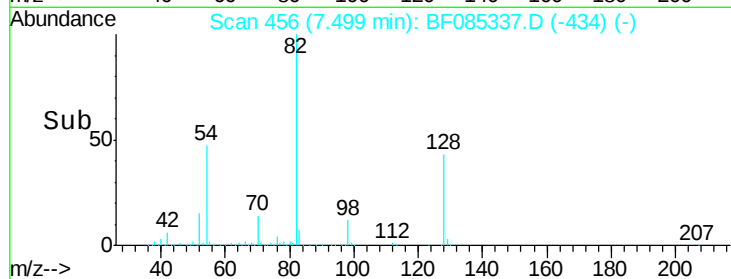
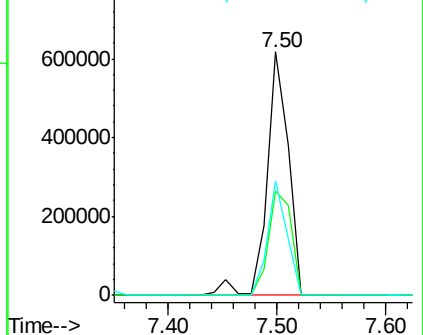
#23
Nitrobenzene-d5
Concen: 69.24 ng
RT: 7.50 min Scan# 456
Delta R.T. -0.05 min
Lab File: BF085337.D
Acq: 10 Mar 2016 17:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	844513
Ion Ratio	Lower	Upper	
82	100		
128	42.8	34.5	51.7
54	46.8	39.3	58.9

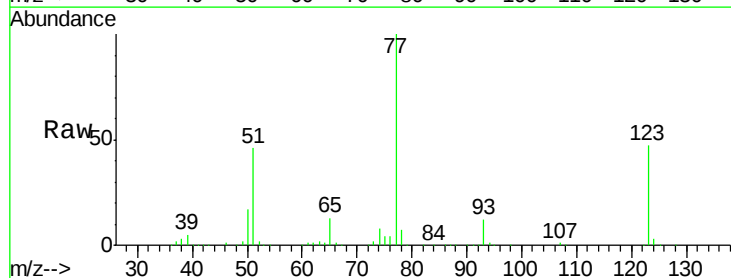


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

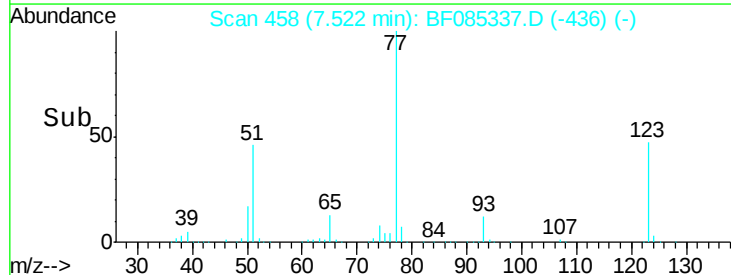
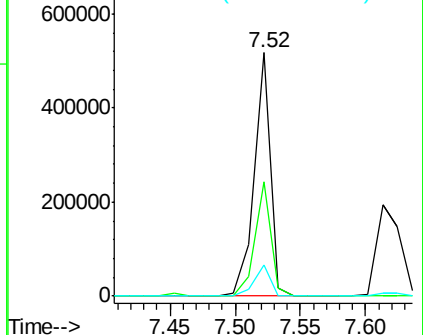


#24
Nitrobenzene
Concen: 36.16 ng
RT: 7.52 min Scan# 458
Delta R.T. -0.05 min
Lab File: BF085337.D
Acq: 10 Mar 2016 17:06

Tgt Ion	77	Resp	448055
Ion Ratio	Lower	Upper	
77	100		
123	46.9	35.4	53.2
65	13.0	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: 34.50 ng

RT: 7.76 min Scan# 479

Delta R.T. -0.05 min

Lab File: BF085337.D

Acq: 10 Mar 2016 17:06

Instrument :

BNA_F

ClientSampleId :

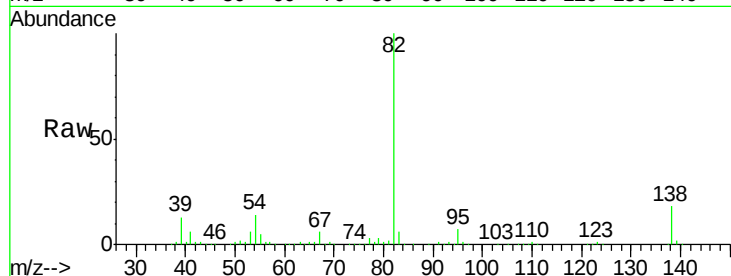
Tot Ion: 82 Resp: 779811

Ion Ratio Lower Upper

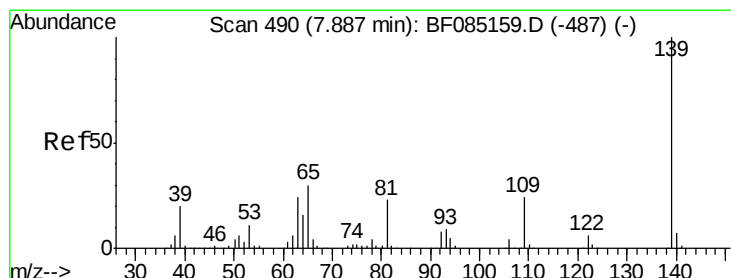
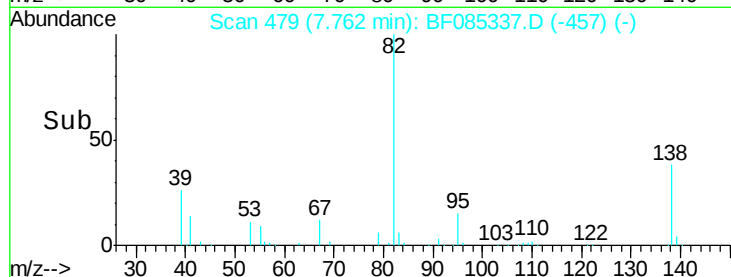
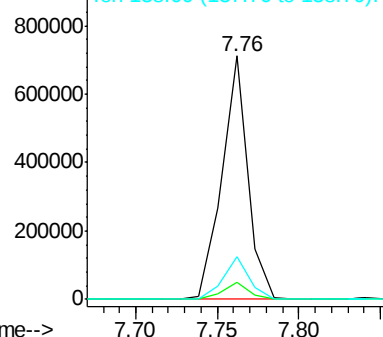
82 100

95 7.0 5.4 8.2

138 17.6 13.3 19.9



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: 38.12 ng

RT: 7.84 min Scan# 486

Delta R.T. -0.05 min

Lab File: BF085337.D

Acq: 10 Mar 2016 17:06

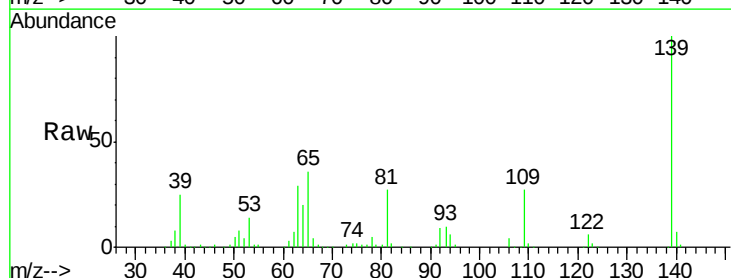
Tgt Ion: 139 Resp: 229859

Ion Ratio Lower Upper

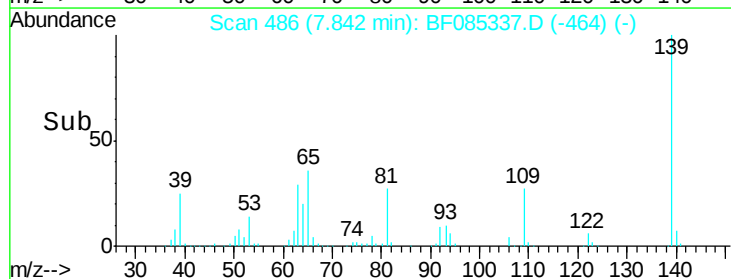
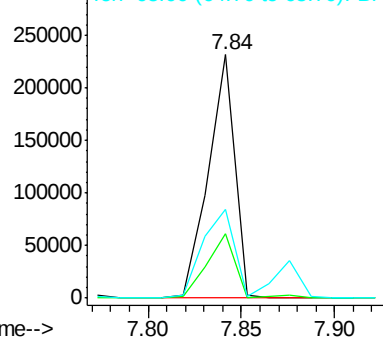
139 100

109 26.5 19.1 28.7

65 36.3 23.9 35.9#



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





#27

2,4-Dimethylphenol

Concen: 37.45 ng

RT: 7.88 min Scan# 489

Delta R.T. -0.05 min

Lab File: BF085337.D

Acq: 10 Mar 2016 17:06

Instrument :

BNA_F

ClientSampleId :

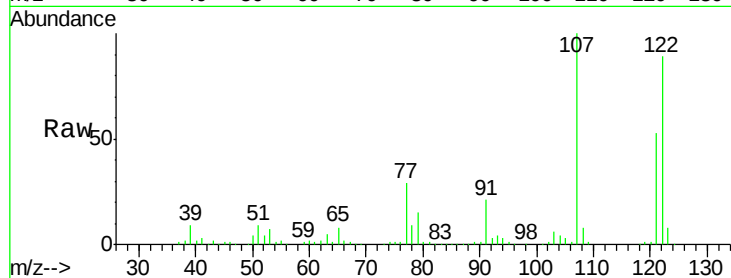
Tot Ion:122 Resp: 412725

Ion Ratio Lower Upper

122 100

107 112.2 84.8 127.2

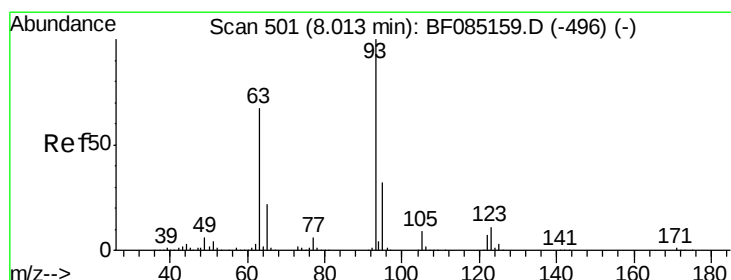
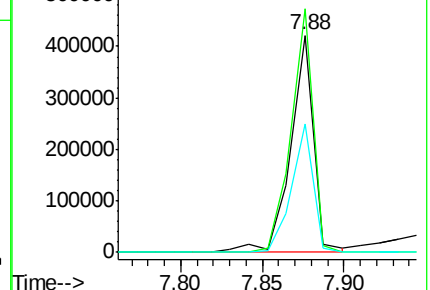
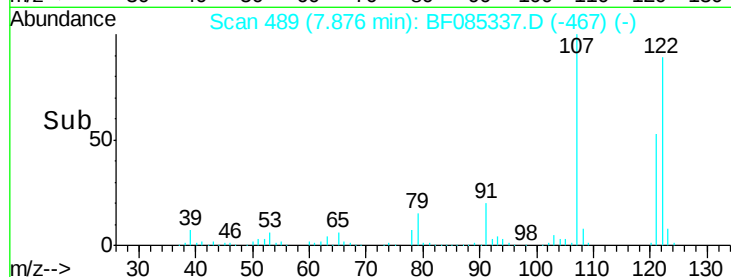
121 59.1 47.0 70.6



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: 36.69 ng

RT: 7.97 min Scan# 497

Delta R.T. -0.05 min

Lab File: BF085337.D

Acq: 10 Mar 2016 17:06

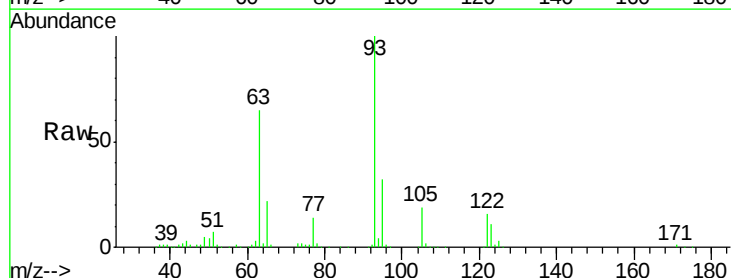
Tgt Ion: 93 Resp: 461887

Ion Ratio Lower Upper

93 100

95 32.3 25.9 38.9

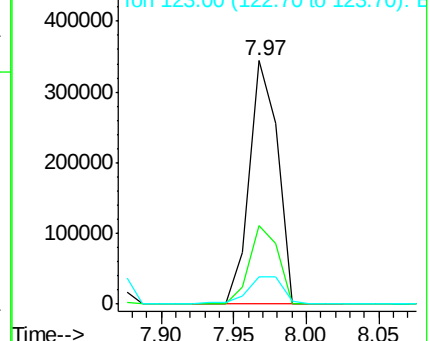
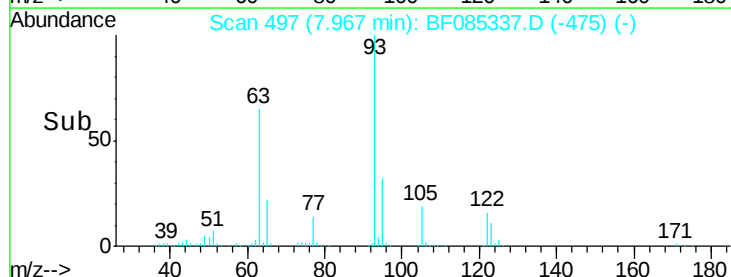
123 11.5 8.8 13.2

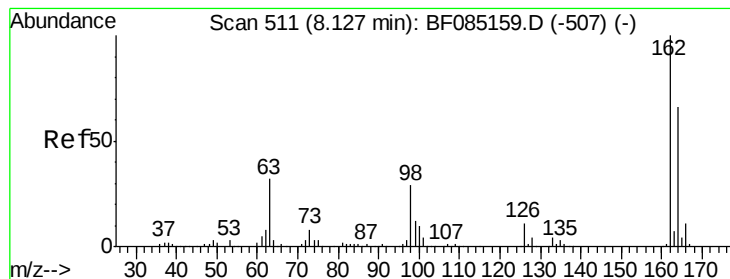


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.24 ng

RT: 8.08 min Scan# 507

Delta R.T. -0.05 min

Lab File: BF085337.D

Acq: 10 Mar 2016 17:06

Instrument :

BNA_F

ClientSampleId :

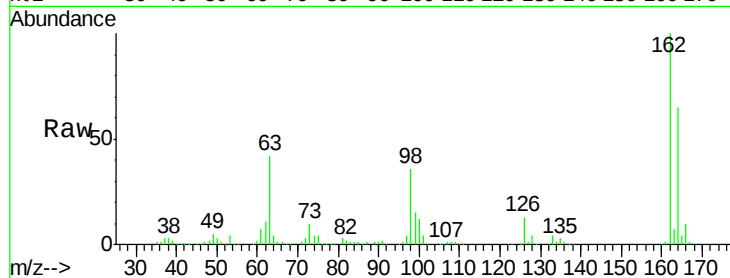
Tot Ion:162 Resp: 348703

Ion Ratio Lower Upper

162 100

164 64.5 45.7 85.7

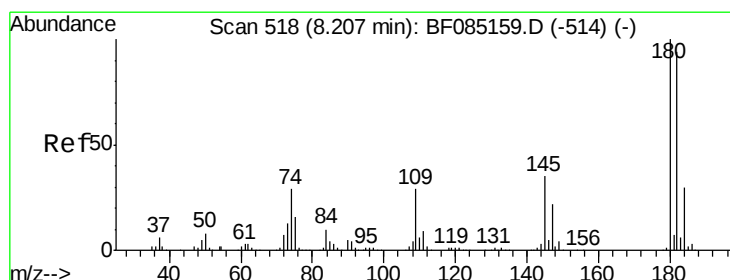
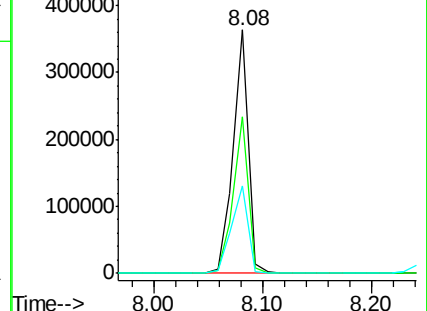
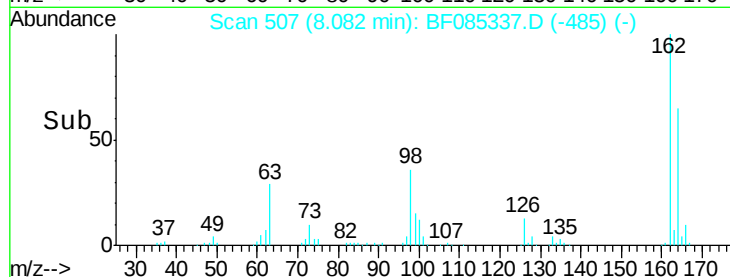
98 35.8 9.4 49.4



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: 35.25 ng

RT: 8.16 min Scan# 514

Delta R.T. -0.05 min

Lab File: BF085337.D

Acq: 10 Mar 2016 17:06

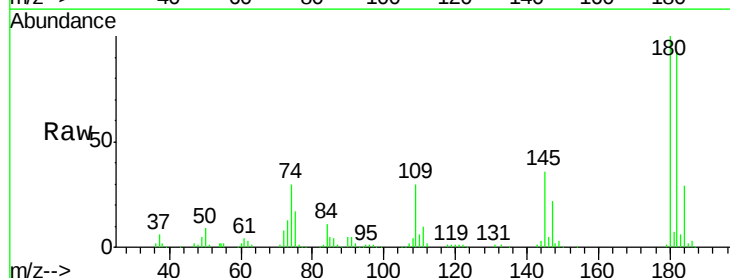
Tgt Ion:180 Resp: 338722

Ion Ratio Lower Upper

180 100

182 93.5 74.9 112.3

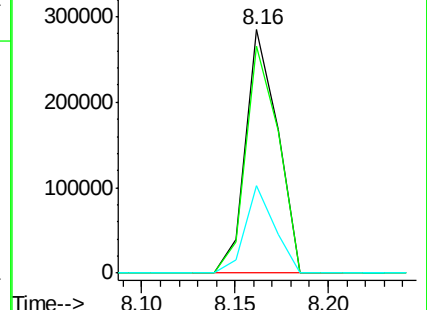
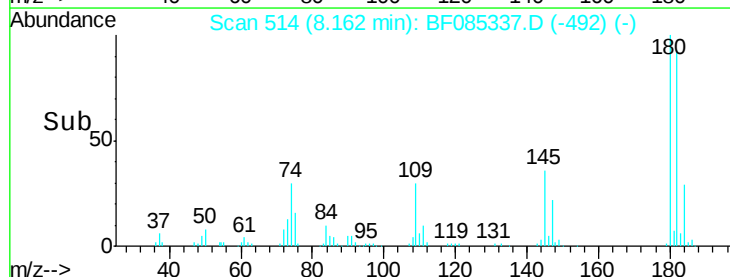
145 35.8 27.9 41.9

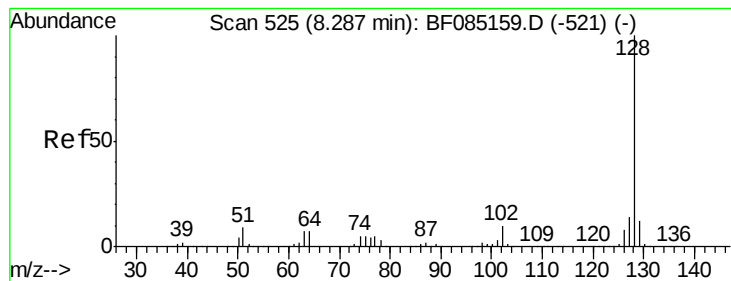


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.08 ng

RT: 8.24 min Scan# 521

Delta R.T. -0.05 min

Lab File: BF085337.D

Acq: 10 Mar 2016 17:06

Instrument :

BNA_F

ClientSampleId :

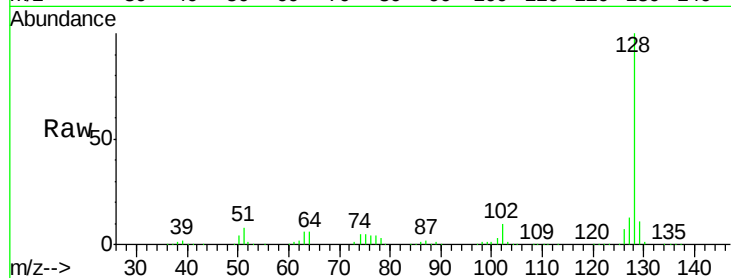
Tot Ion:128 Resp: 1157926

Ion Ratio Lower Upper

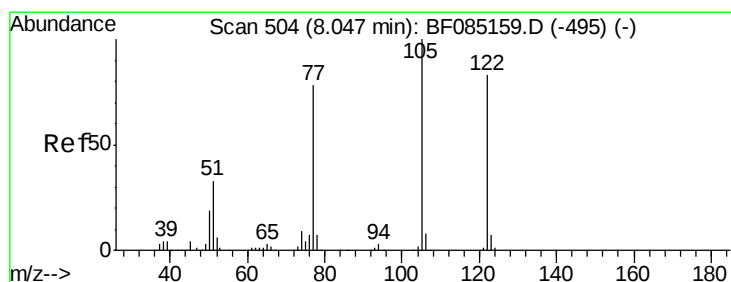
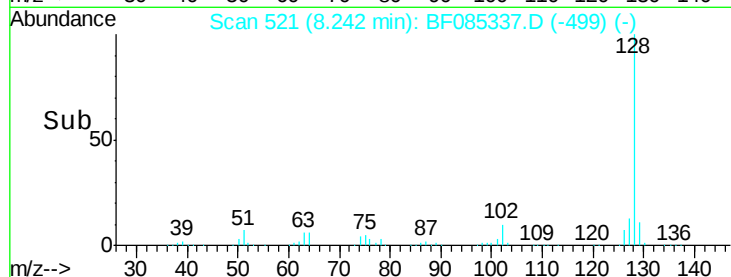
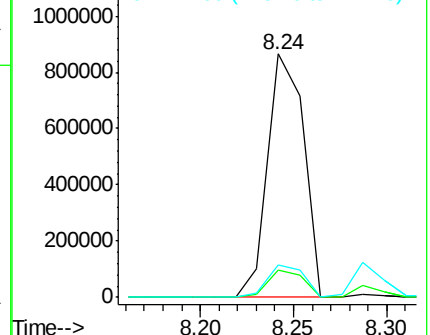
128 100

129 11.5 9.7 14.5

127 13.3 11.2 16.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 29.10 ng

RT: 7.98 min Scan# 498

Delta R.T. -0.07 min

Lab File: BF085337.D

Acq: 10 Mar 2016 17:06

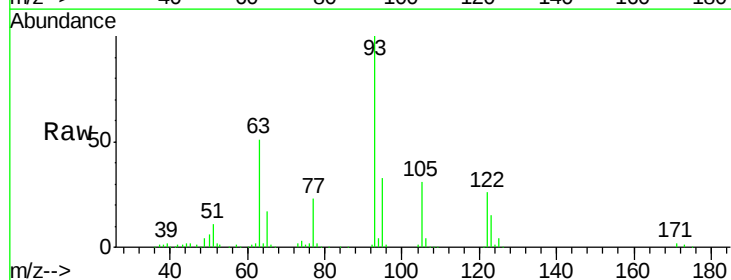
Tgt Ion:122 Resp: 212988

Ion Ratio Lower Upper

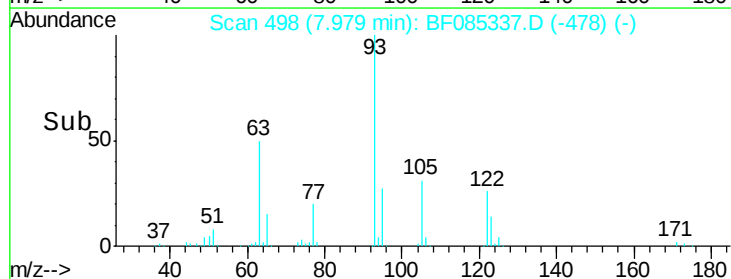
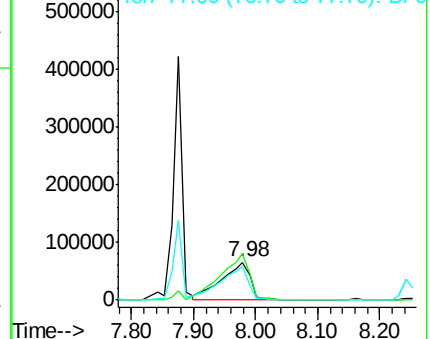
122 100

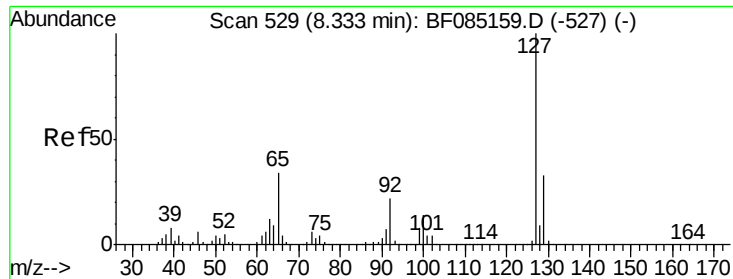
105 122.3 101.3 141.3

77 89.5 74.7 114.7



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

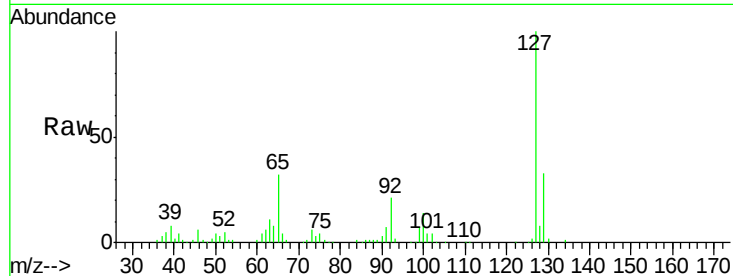




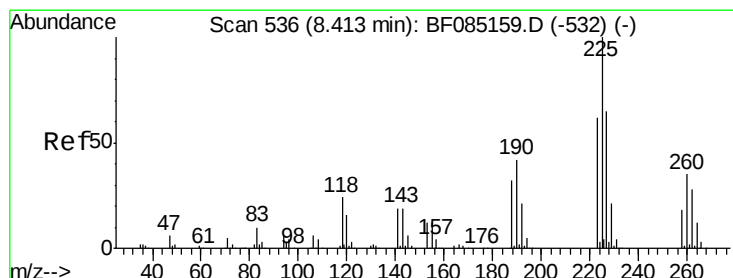
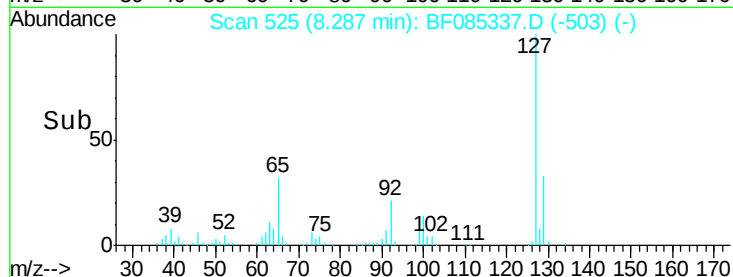
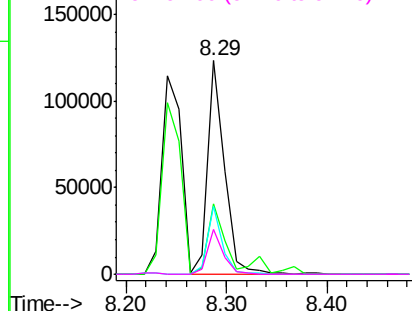
#33
4-Chloroaniline
Concen: 11.03 ng
RT: 8.29 min Scan# 525
Delta R.T. -0.05 min
Lab File: BF085337.D
Acq: 10 Mar 2016 17:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	143128
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.1	39.1
65	31.7	27.0	40.6
92	21.0	17.4	26.0

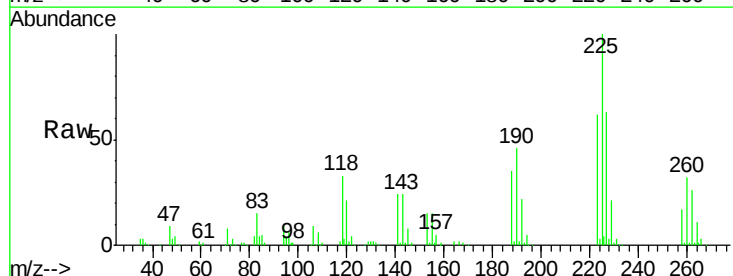


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

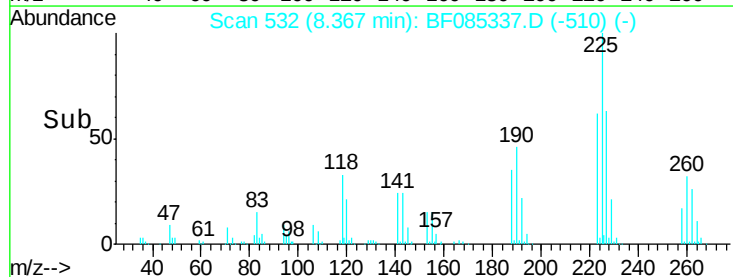
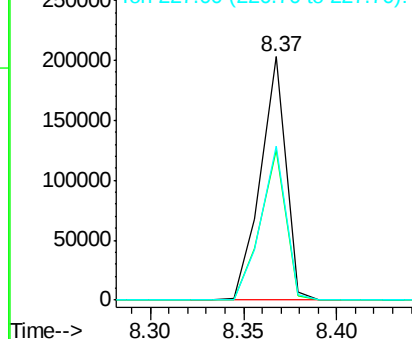


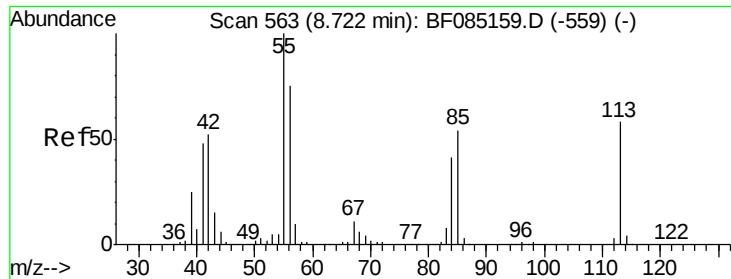
#34
Hexachlorobutadiene
Concen: 38.22 ng
RT: 8.37 min Scan# 532
Delta R.T. -0.05 min
Lab File: BF085337.D
Acq: 10 Mar 2016 17:06

Tgt Ion:	225	Resp:	191086
Ion	Ratio	Lower	Upper
225	100		
223	61.7	49.7	74.5
227	63.1	52.2	78.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

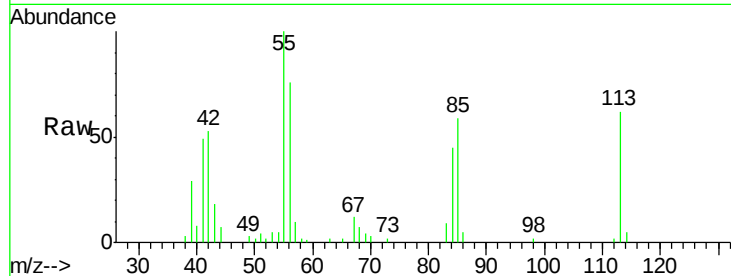




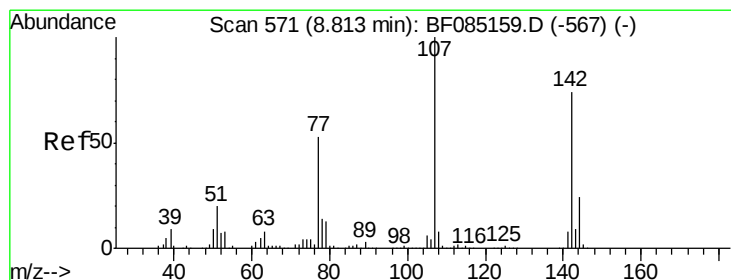
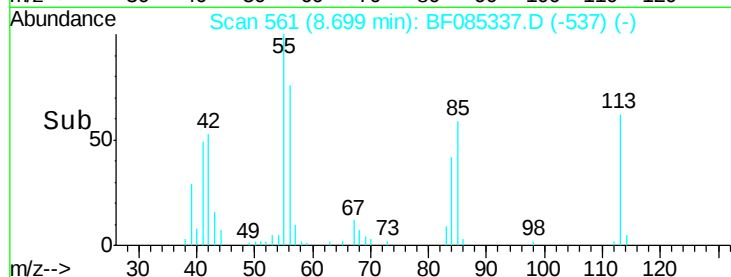
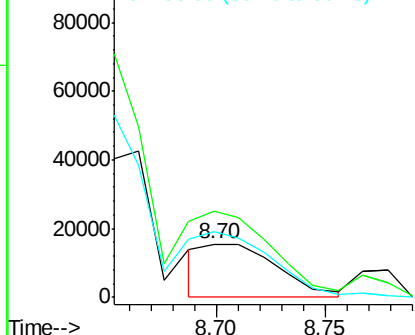
#35
Caprolactam
Concen: 12.36 ng
RT: 8.70 min Scan# 561
Delta R.T. -0.02 min
Lab File: BF085337.D
Acq: 10 Mar 2016 17:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 35866
Ion Ratio Lower Upper
113 100
55 161.4 152.7 192.7
56 122.0 109.0 149.0

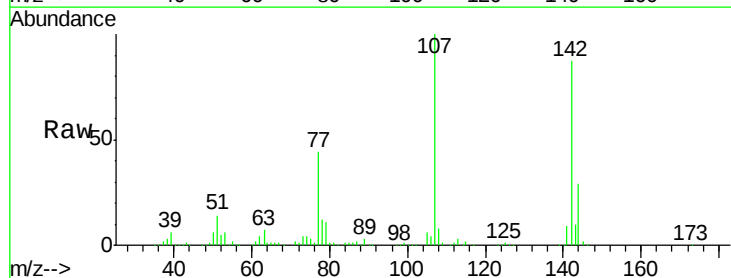


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

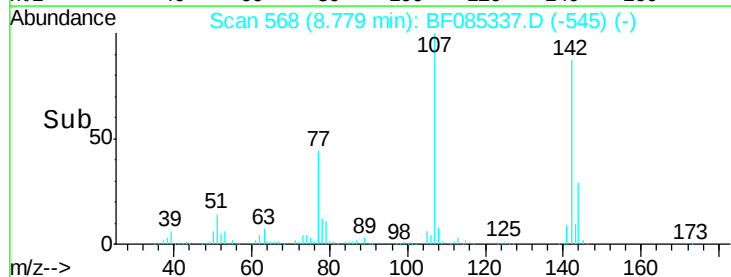
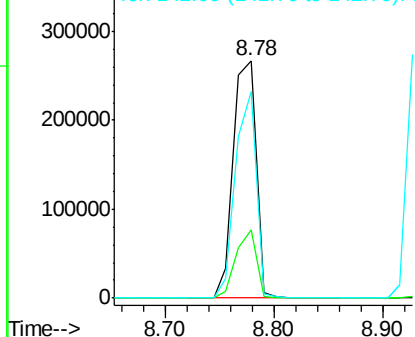


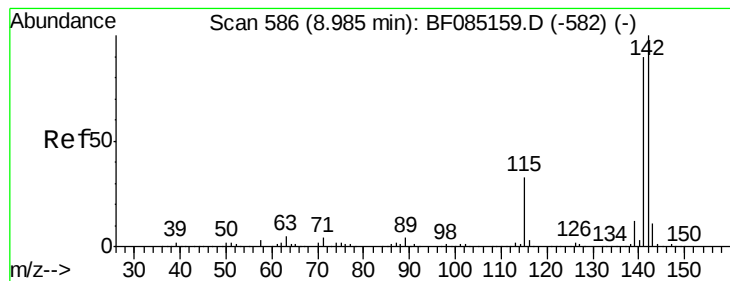
#36
4-Chloro-3-methylphenol
Concen: 38.21 ng
RT: 8.78 min Scan# 568
Delta R.T. -0.03 min
Lab File: BF085337.D
Acq: 10 Mar 2016 17:06

Tgt Ion:107 Resp: 385267
Ion Ratio Lower Upper
107 100
144 28.7 19.4 29.2
142 87.2 59.4 89.2



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

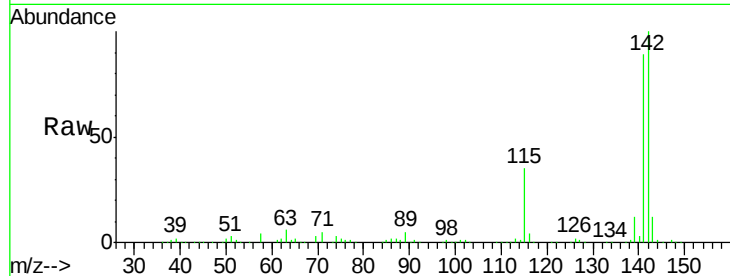




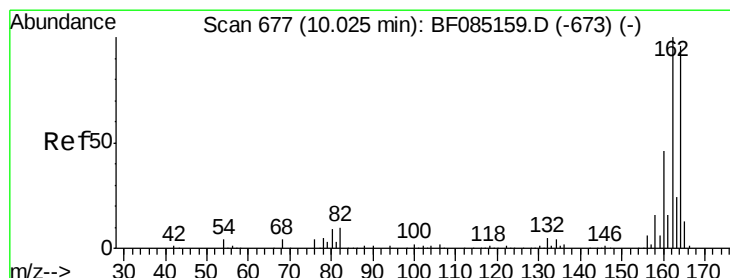
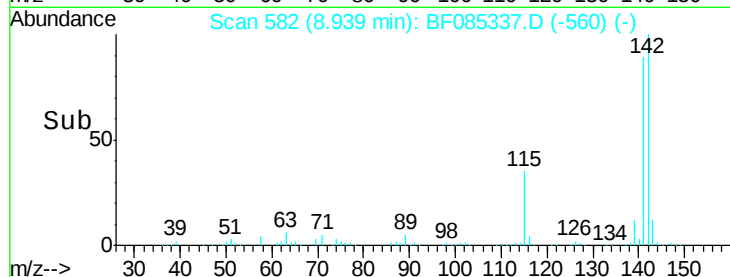
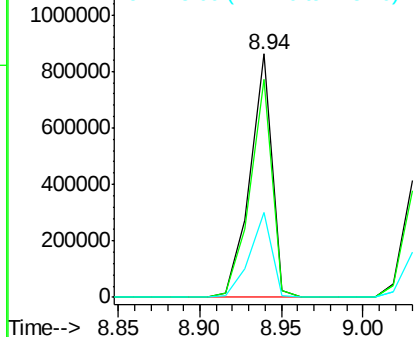
#37
2-Methylnaphthalene
Concen: 39.18 ng
RT: 8.94 min Scan# 582
Delta R.T. -0.05 min
Lab File: BF085337.D
Acq: 10 Mar 2016 17:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 806920
Ion Ratio Lower Upper
142 100
141 89.3 71.7 107.5
115 34.8 26.2 39.4

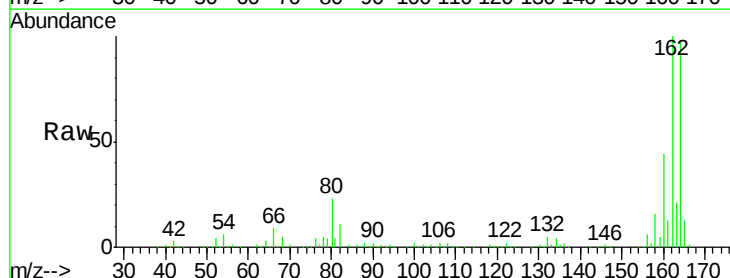


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

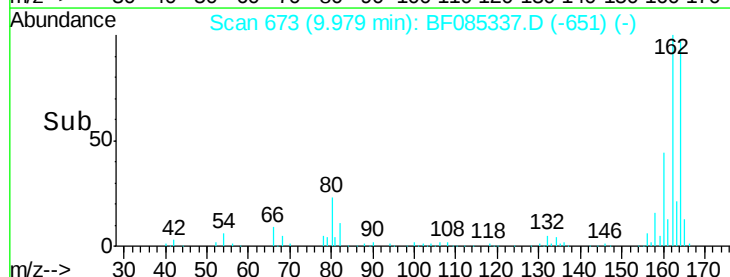
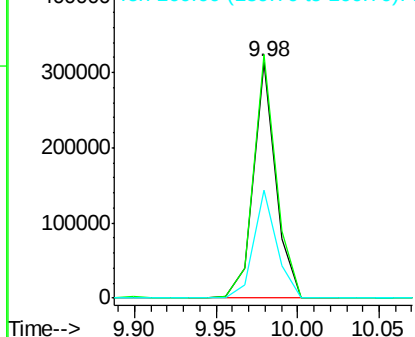


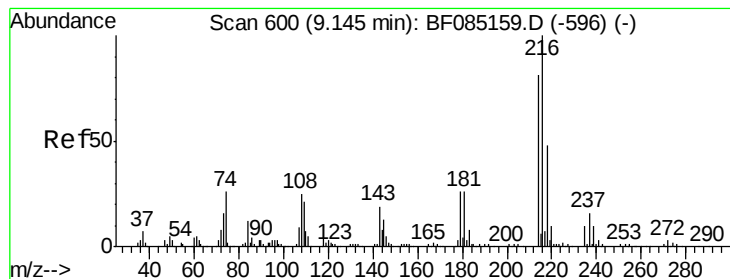
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.98 min Scan# 673
Delta R.T. -0.05 min
Lab File: BF085337.D
Acq: 10 Mar 2016 17:06

Tgt Ion:164 Resp: 299317
Ion Ratio Lower Upper
164 100
162 103.0 83.3 124.9
160 45.6 37.9 56.9



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: 36.46 ng

RT: 9.11 min Scan# 597

Delta R.T. -0.03 min

Lab File: BF085337.D

Acq: 10 Mar 2016 17:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 312066

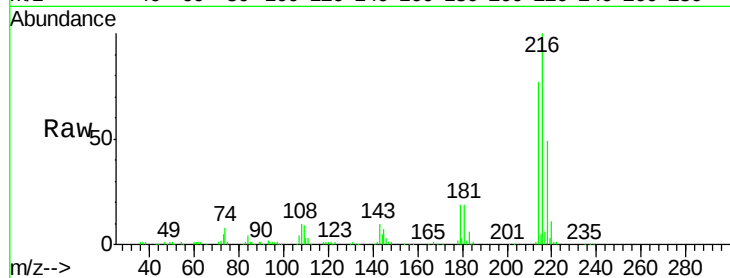
Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.8	95.6
179	22.0	19.6	29.4
108	22.1	19.6	29.4

216 100

214 78.4 63.8 95.6

179 22.0 19.6 29.4

108 22.1 19.6 29.4

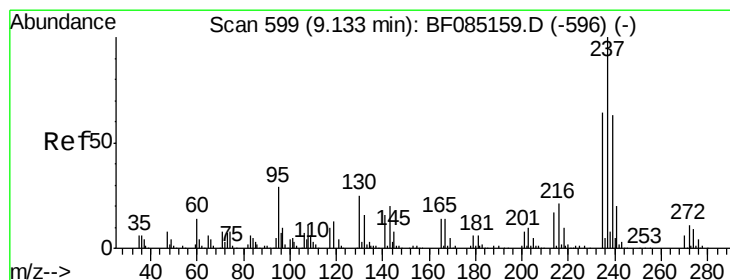
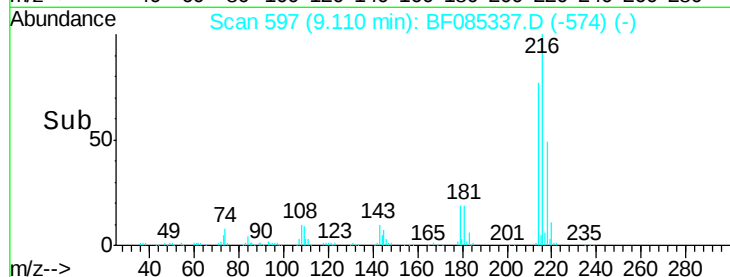
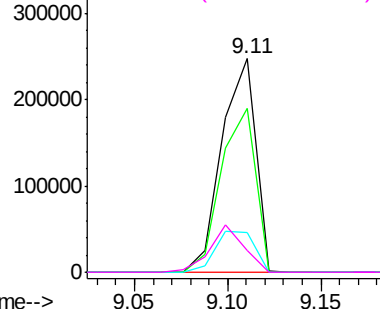


Abundance Ion 216.00 (215.70 to 216.70): E

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: 79.78 ng

RT: 9.10 min Scan# 596

Delta R.T. -0.03 min

Lab File: BF085337.D

Acq: 10 Mar 2016 17:06

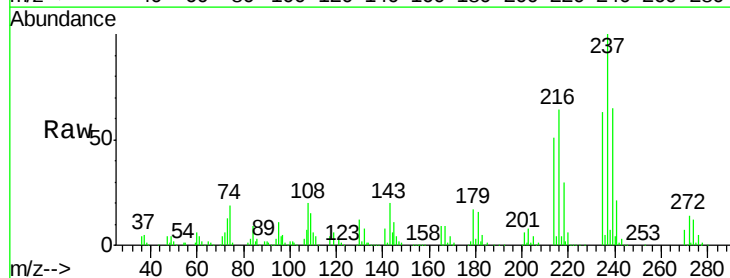
Tgt Ion:237 Resp: 368353

Ion	Ratio	Lower	Upper
237	100		
235	62.6	43.7	83.7
272	14.5	0.0	31.5

237 100

235 62.6 43.7 83.7

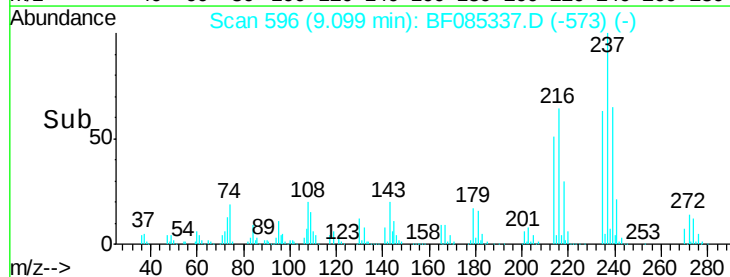
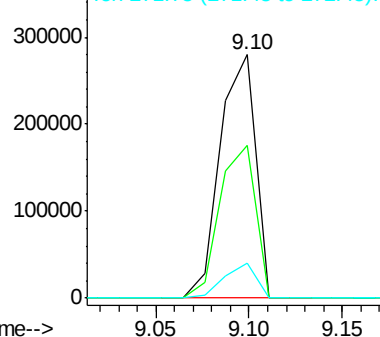
272 14.5 0.0 31.5

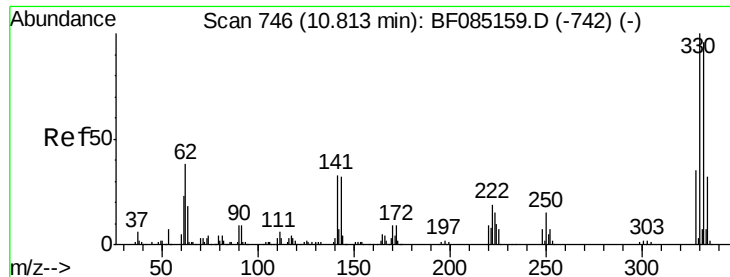


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

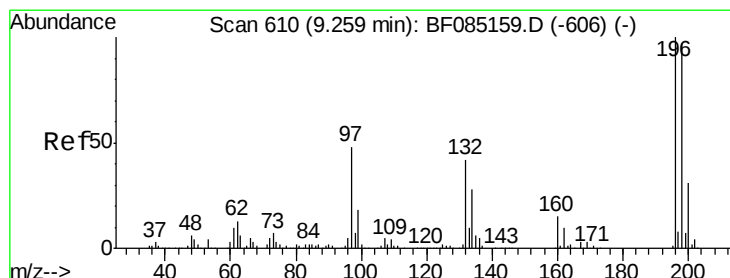
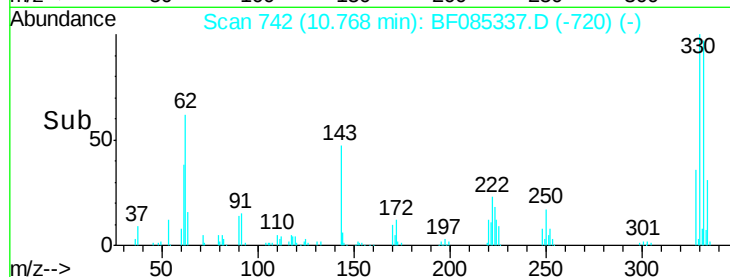
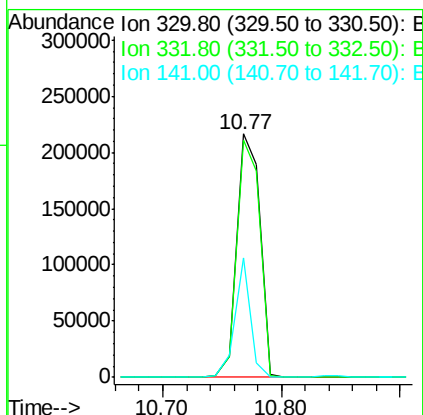
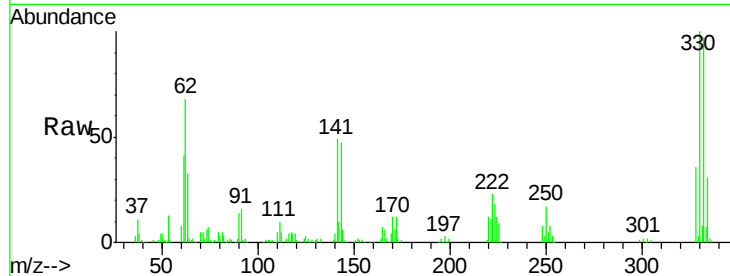




#41
 2,4,6-Tribromophenol
 Concen: 115.09 ng
 RT: 10.77 min Scan# 742
 Delta R.T. -0.05 min
 Lab File: BF085337.D
 Acq: 10 Mar 2016 17:06

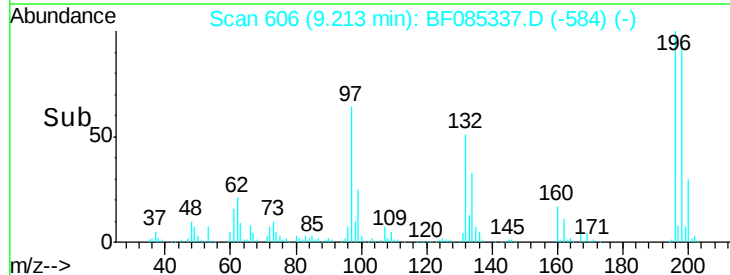
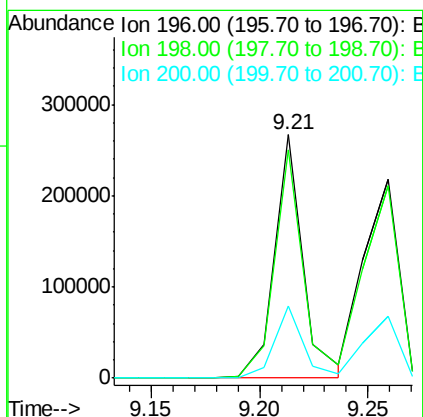
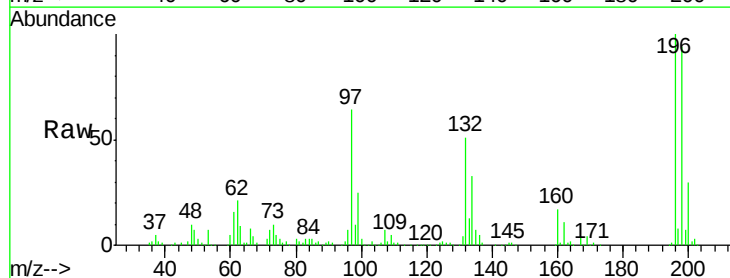
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.1	115.7
141	32.8	35.0	52.6



#42
 2,4,6-Trichlorophenol
 Concen: 38.53 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.05 min
 Lab File: BF085337.D
 Acq: 10 Mar 2016 17:06

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.7	77.8	116.6
200	29.8	25.0	37.6

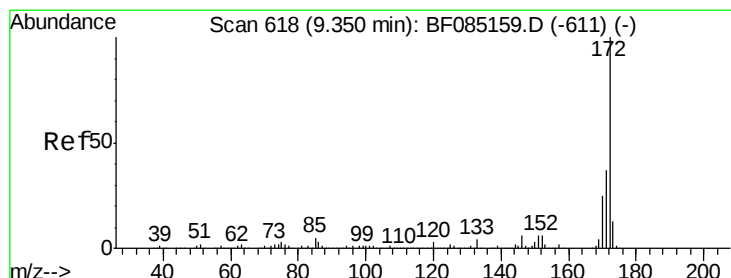
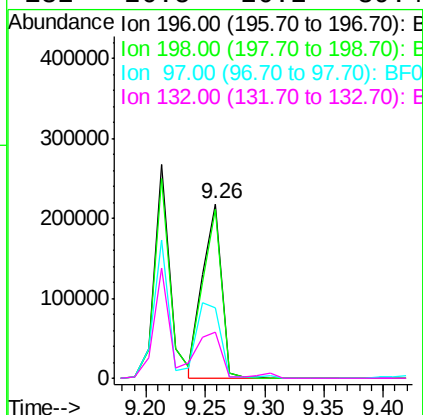
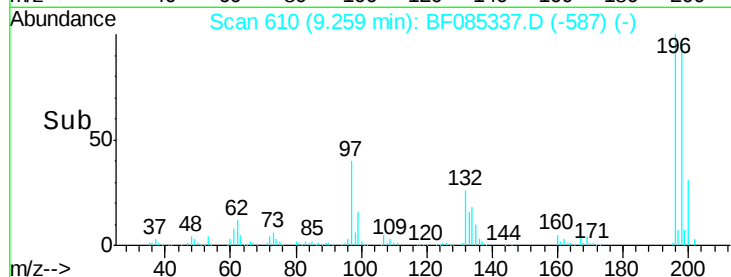
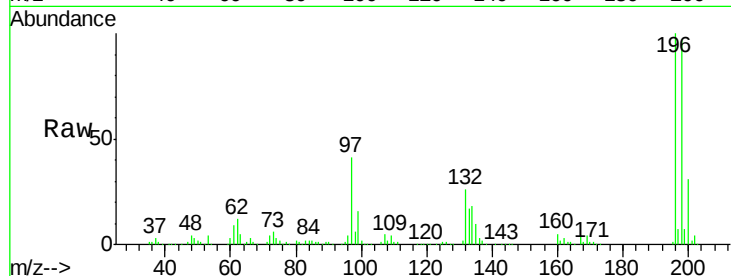




#43
 2,4,5-Trichlorophenol
 Concen: 40.68 ng
 RT: 9.26 min Scan# 610
 Delta R.T. -0.03 min
 Lab File: BF085337.D
 Acq: 10 Mar 2016 17:06

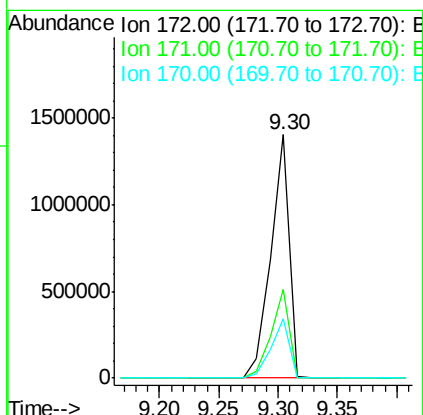
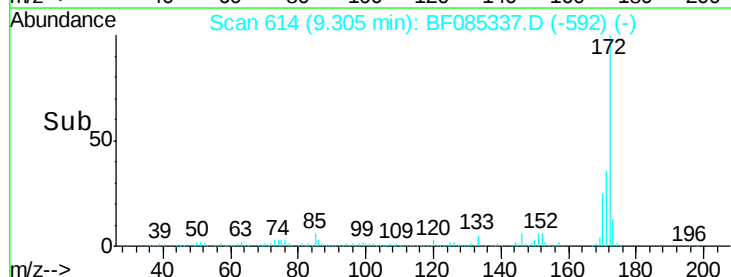
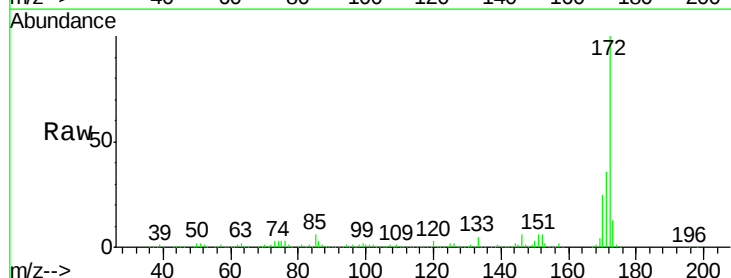
Instrument :
 BNA_F
 ClientSampleId :

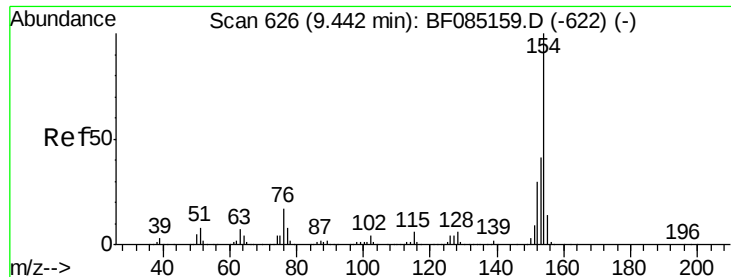
Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	96.7	75.7	113.5	
97	40.6	46.4	69.6	
132	26.5	26.2	39.4	



#44
 2-Fluorobiphenyl
 Concen: 76.94 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.05 min
 Lab File: BF085337.D
 Acq: 10 Mar 2016 17:06

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.4	29.3	43.9	
170	24.6	20.0	30.0	

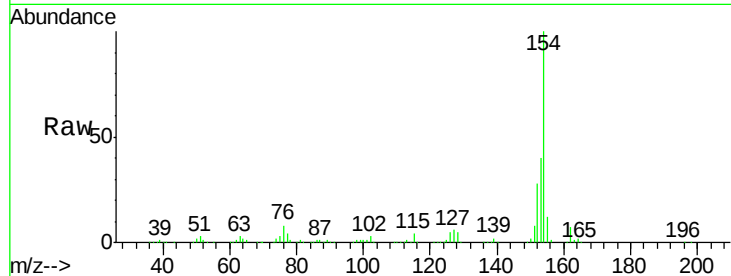




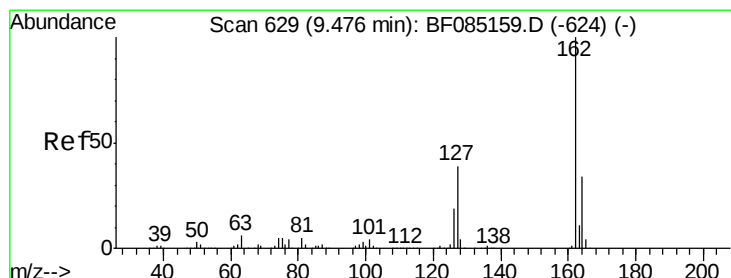
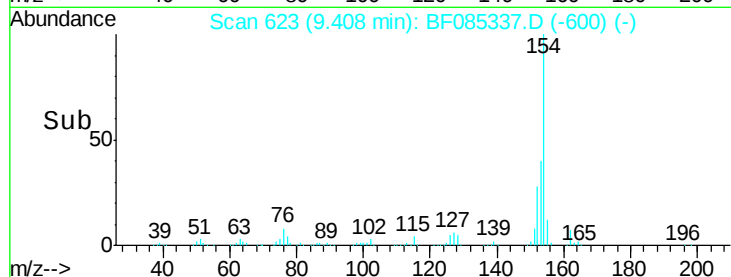
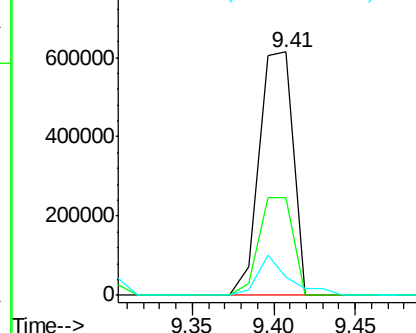
#45
 1,1'-Biphenyl
 Concen: 34.72 ng
 RT: 9.41 min Scan# 623
 Delta R.T. -0.03 min
 Lab File: BF085337.D
 Acq: 10 Mar 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 887822
 Ion Ratio Lower Upper
 154 100
 153 40.3 21.4 61.4
 76 7.6 0.0 37.5

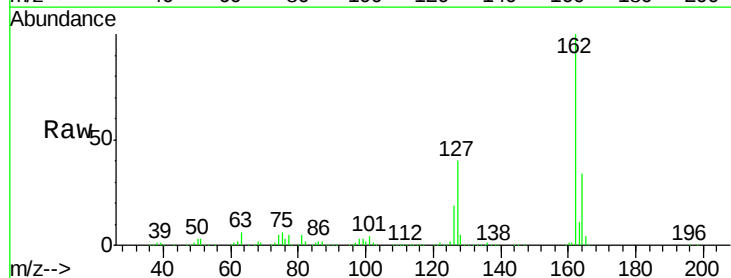


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

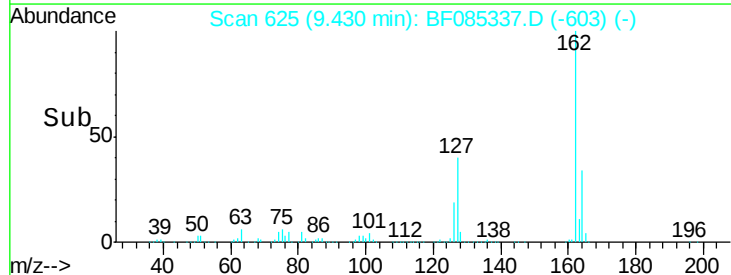
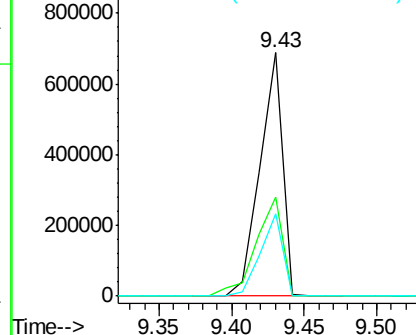


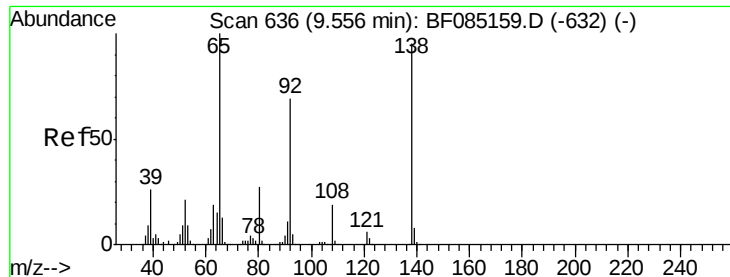
#46
 2-Chloronaphthalene
 Concen: 38.21 ng
 RT: 9.43 min Scan# 625
 Delta R.T. -0.05 min
 Lab File: BF085337.D
 Acq: 10 Mar 2016 17:06

Tgt Ion:162 Resp: 744847
 Ion Ratio Lower Upper
 162 100
 127 40.4 31.6 47.4
 164 33.7 27.1 40.7



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: 39.09 ng

RT: 9.52 min Scan# 633

Delta R.T. -0.03 min

Lab File: BF085337.D

Acq: 10 Mar 2016 17:06

Instrument :

BNA_F

ClientSampleId :

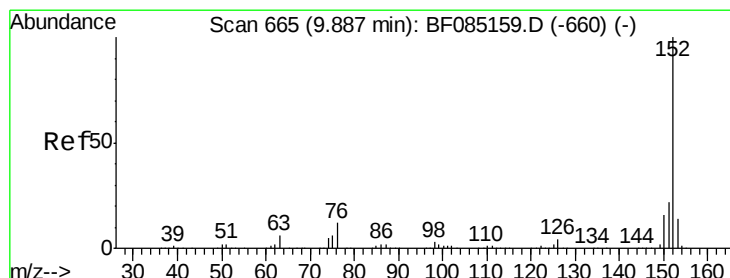
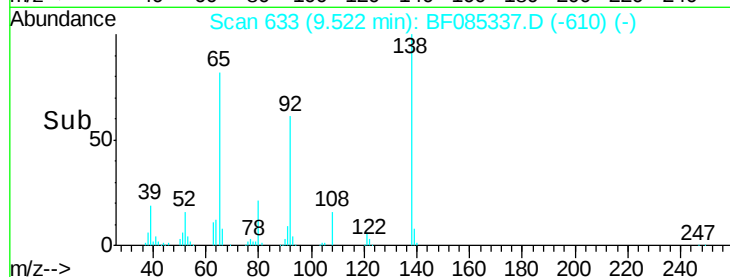
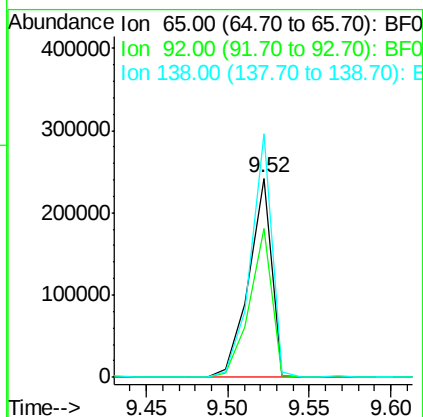
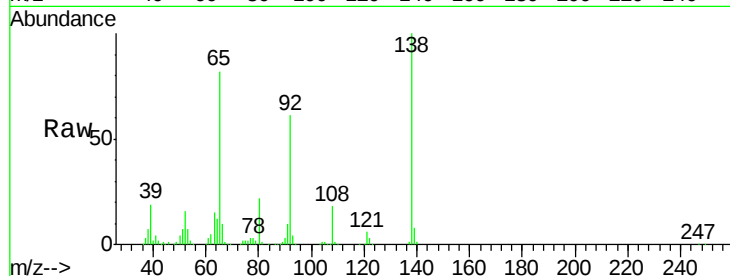
Tot Ion: 65 Resp: 236098

Ion Ratio Lower Upper

65 100

92 75.0 55.4 83.2

138 122.2 75.7 113.5#



#48

Acenaphthylene

Concen: 35.70 ng

RT: 9.84 min Scan# 661

Delta R.T. -0.05 min

Lab File: BF085337.D

Acq: 10 Mar 2016 17:06

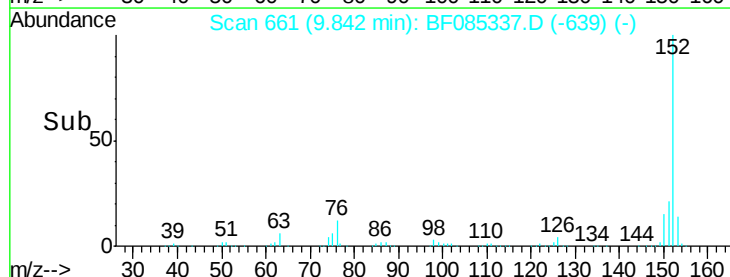
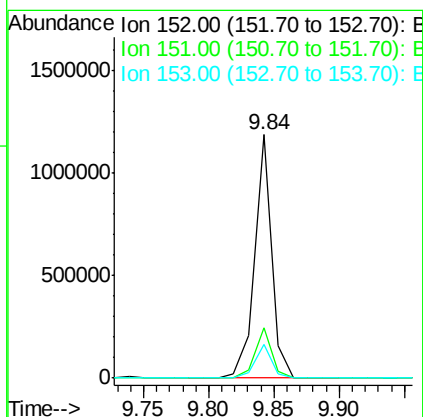
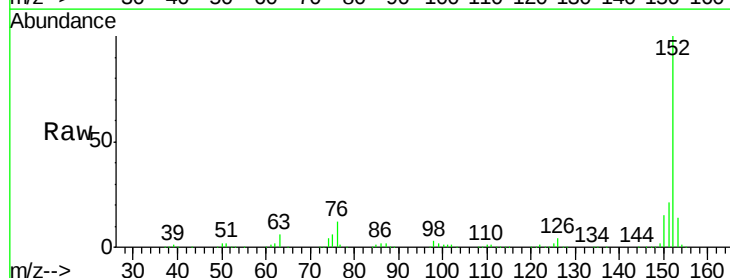
Tgt Ion: 152 Resp: 1083157

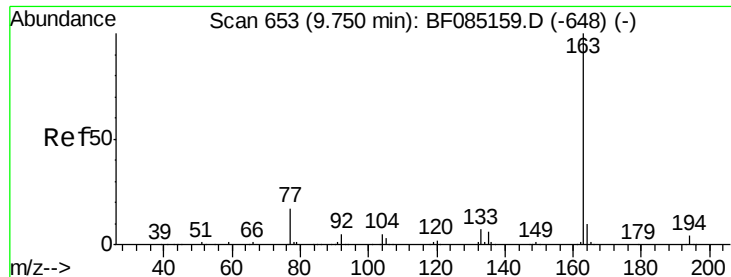
Ion Ratio Lower Upper

152 100

151 20.8 17.5 26.3

153 13.9 11.3 16.9





#49

Dimethylphthalate

Concen: 38.74 ng

RT: 9.70 min Scan# 649

Delta R.T. -0.05 min

Lab File: BF085337.D

Acq: 10 Mar 2016 17:06

Instrument :

BNA_F

ClientSampleId :

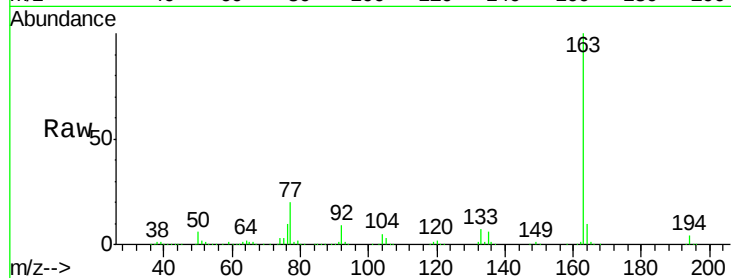
Tot Ion:163 Resp: 889987

Ion Ratio Lower Upper

163 100

194 3.6 3.1 4.7

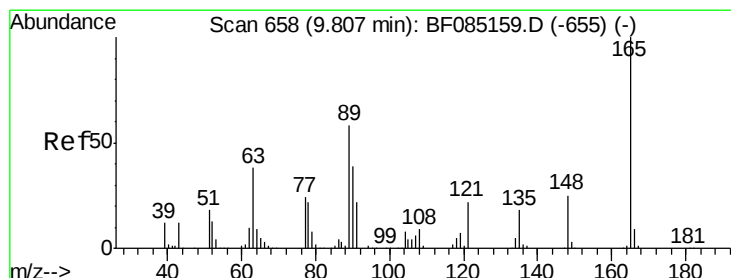
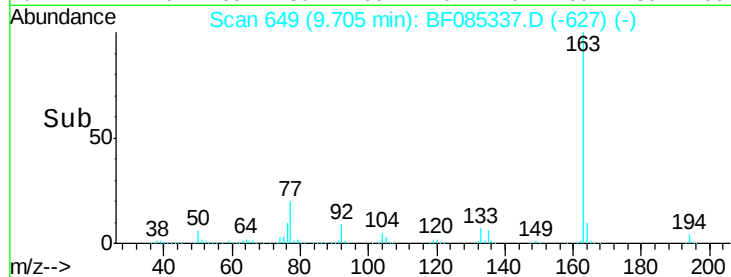
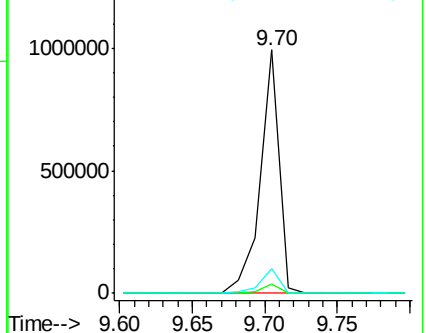
164 10.4 8.2 12.4



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: 36.73 ng

RT: 9.76 min Scan# 654

Delta R.T. -0.05 min

Lab File: BF085337.D

Acq: 10 Mar 2016 17:06

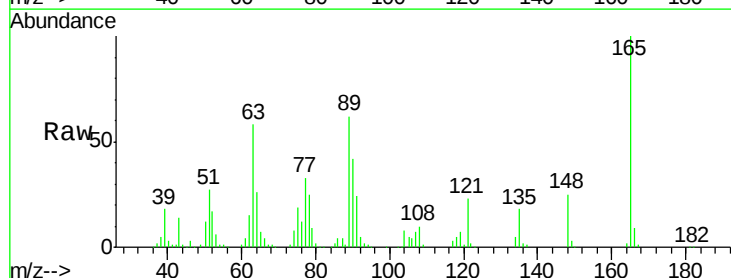
Tgt Ion:165 Resp: 180526

Ion Ratio Lower Upper

165 100

63 57.9 41.8 62.8

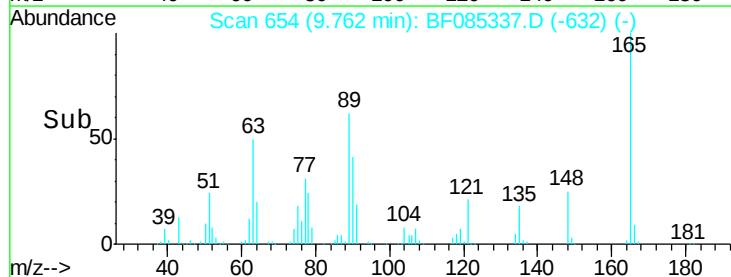
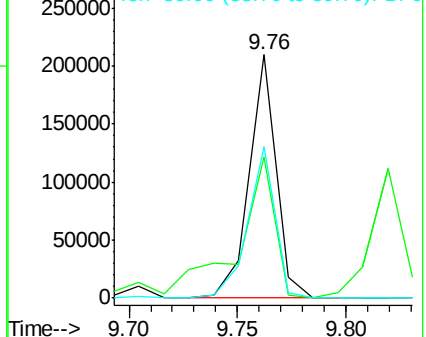
89 62.1 46.7 70.1



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





#51

Acenaphthene

Concen: 39.73 ng

RT: 10.01 min Scan# 676

Delta R.T. -0.05 min

Lab File: BF085337.D

Acq: 10 Mar 2016 17:06

Instrument :

BNA_F

ClientSampleId :

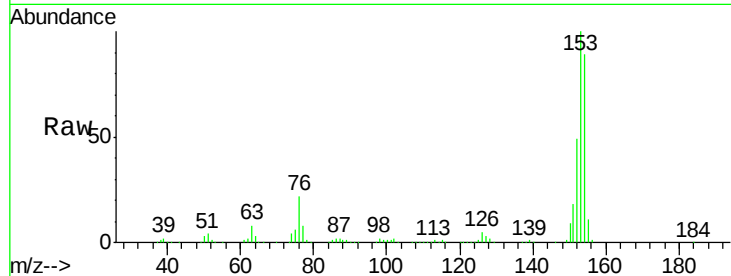
Tot Ion:154 Resp: 731846

Ion Ratio Lower Upper

154 100

153 112.4 89.8 134.8

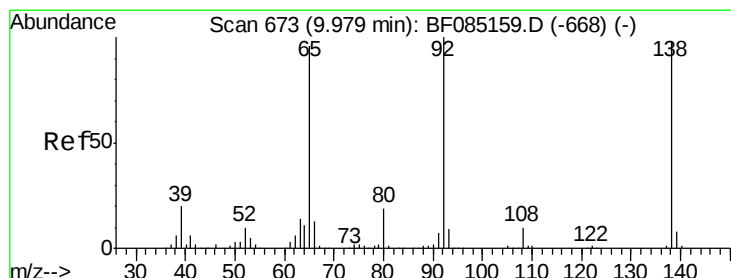
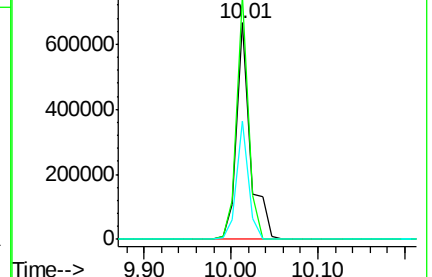
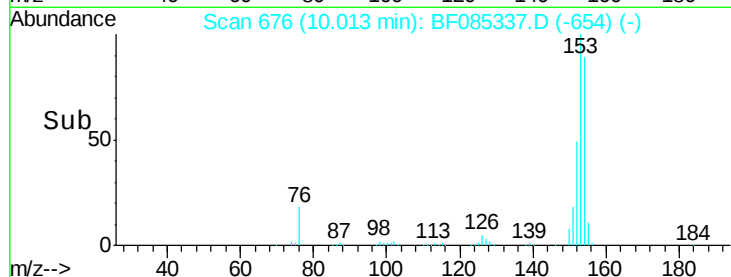
152 54.8 44.6 66.8



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: 21.57 ng

RT: 9.93 min Scan# 669

Delta R.T. -0.05 min

Lab File: BF085337.D

Acq: 10 Mar 2016 17:06

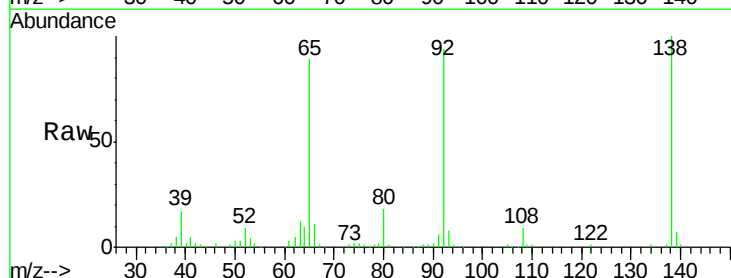
Tgt Ion:138 Resp: 126820

Ion Ratio Lower Upper

138 100

108 9.0 7.8 11.6

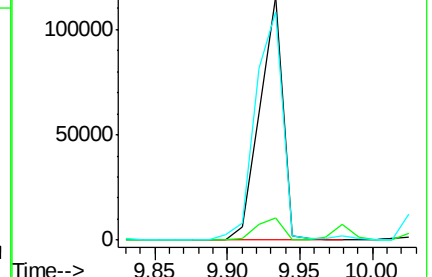
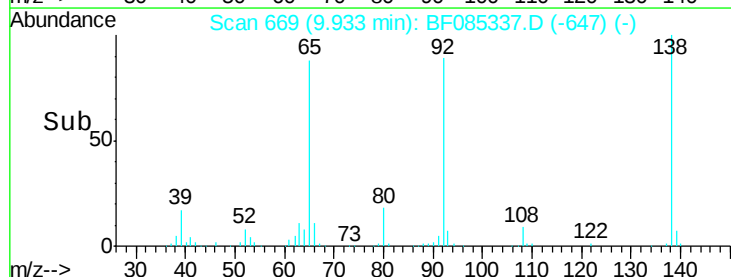
92 93.7 81.3 121.9

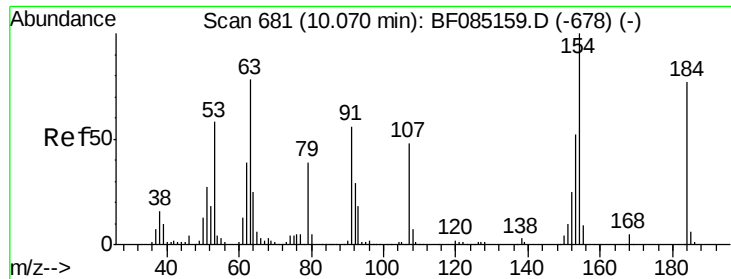


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

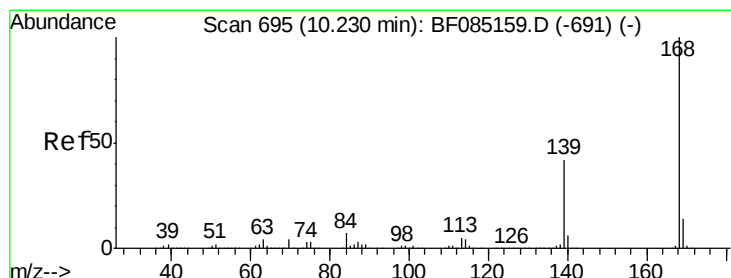
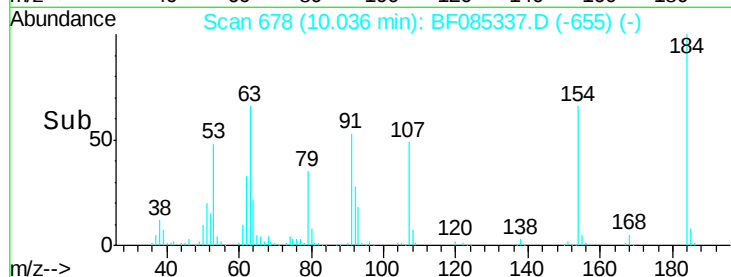
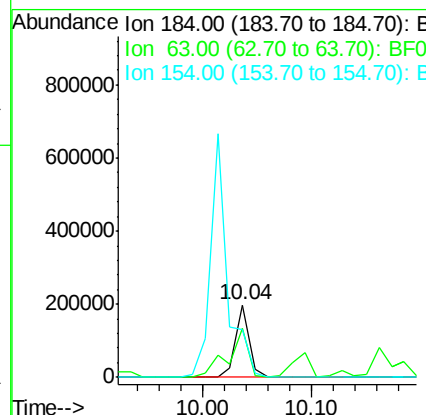
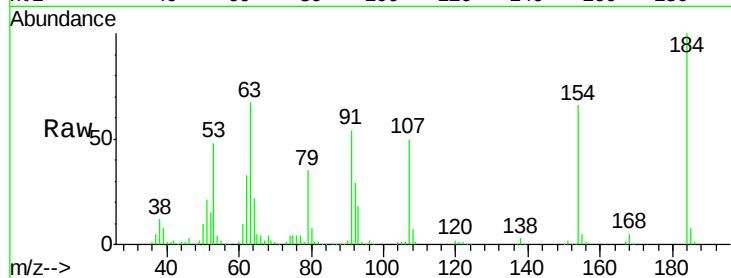




#53
 2,4-Dinitrophenol
 Concen: 69.77 ng
 RT: 10.04 min Scan# 678
 Delta R.T. -0.03 min
 Lab File: BF085337.D
 Acq: 10 Mar 2016 17:06

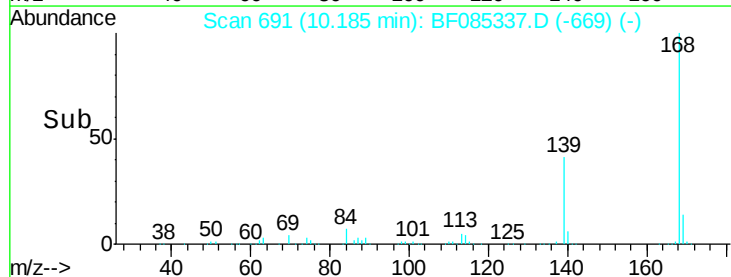
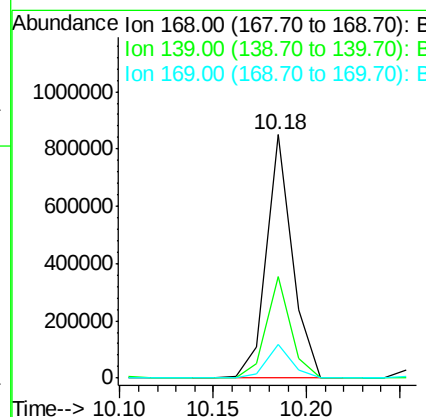
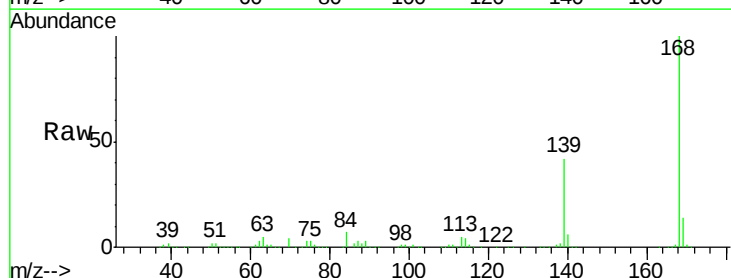
Instrument :
 BNA_F
 ClientSampleId :

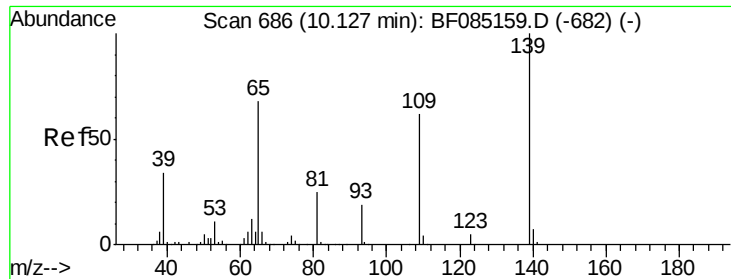
Tot Ion:184 Resp: 171161
 Ion Ratio Lower Upper
 184 100
 63 67.1 82.2 123.4#
 154 65.9 108.9 163.3#



#54
 Dibenzofuran
 Concen: 34.18 ng
 RT: 10.18 min Scan# 691
 Delta R.T. -0.05 min
 Lab File: BF085337.D
 Acq: 10 Mar 2016 17:06

Tgt Ion:168 Resp: 824983
 Ion Ratio Lower Upper
 168 100
 139 41.8 33.6 50.4
 169 13.7 11.2 16.8

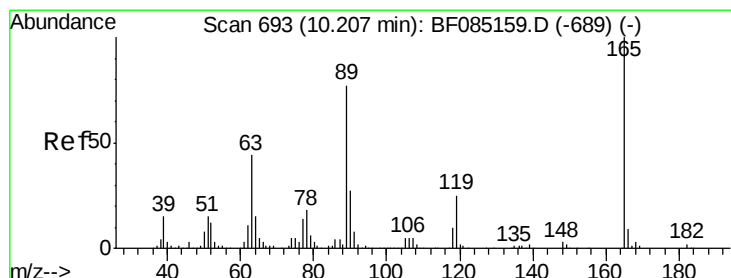
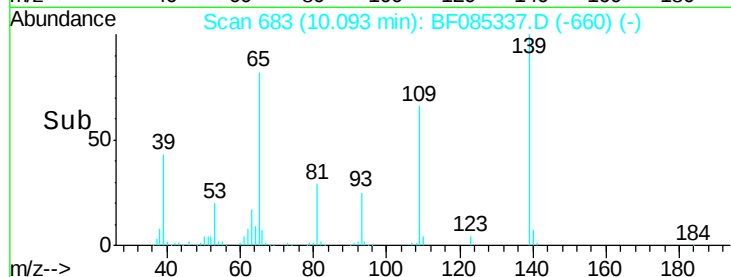
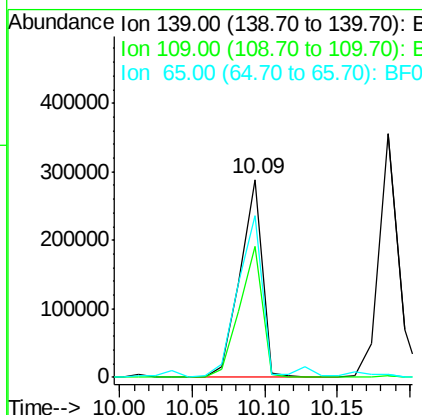
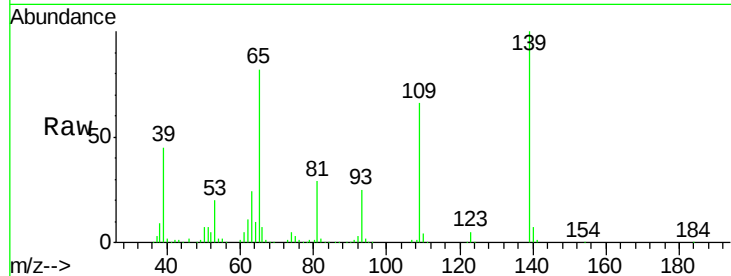




#55
4-Nitrophenol
Concen: 67.41 ng
RT: 10.09 min Scan# 683
Delta R.T. -0.03 min
Lab File: BF085337.D
Acq: 10 Mar 2016 17:06

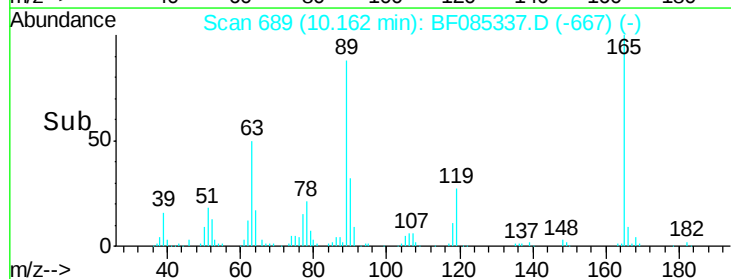
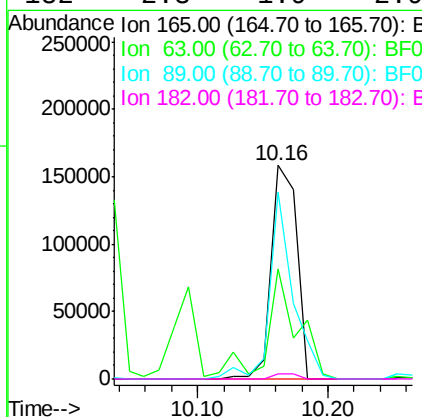
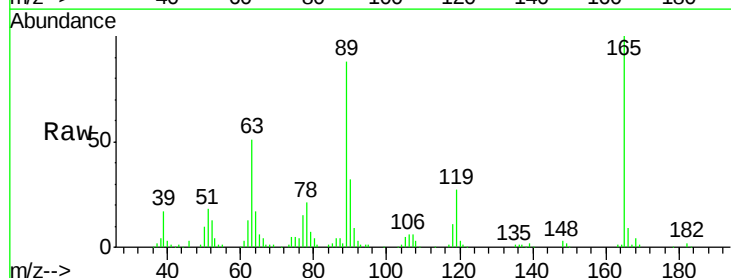
Instrument :
BNA_F
ClientSampleId :

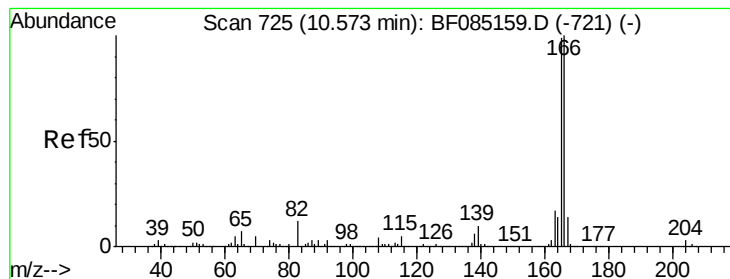
Tot Ion:139 Resp: 311508
Ion Ratio Lower Upper
139 100
109 66.3 41.9 81.9
65 82.1 48.3 88.3



#56
2,4-Dinitrotoluene
Concen: 34.65 ng
RT: 10.16 min Scan# 689
Delta R.T. -0.05 min
Lab File: BF085337.D
Acq: 10 Mar 2016 17:06

Tgt Ion:165 Resp: 217915
Ion Ratio Lower Upper
165 100
63 51.3 35.4 53.0
89 87.6 61.9 92.9
182 2.3 1.9 2.9





#57

Fluorene

Concen: 33.47 ng

RT: 10.53 min Scan# 721

Delta R.T. -0.05 min

Lab File: BF085337.D

Acq: 10 Mar 2016 17:06

Instrument :

BNA_F

ClientSampleId :

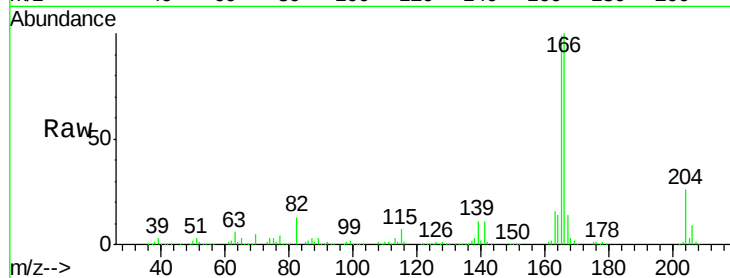
Tot Ion:166 Resp: 634510

Ion Ratio Lower Upper

166 100

165 99.4 79.4 119.0

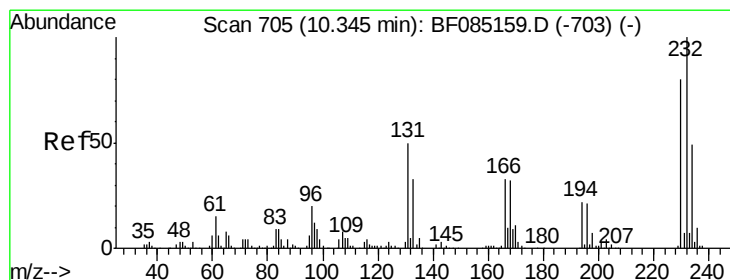
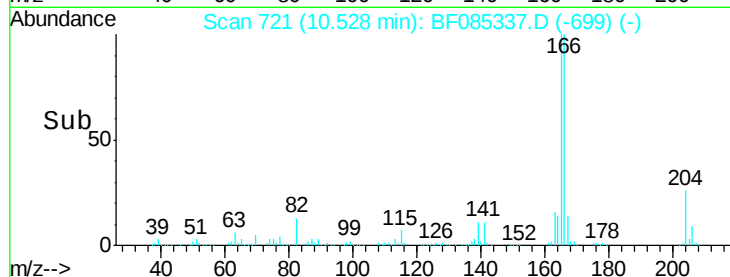
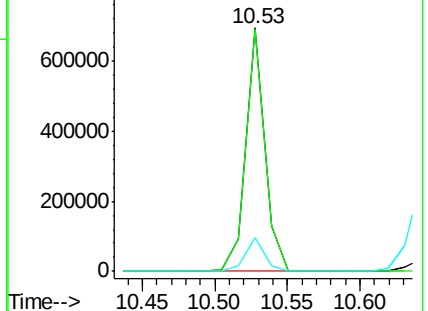
167 13.8 11.0 16.6



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: 37.81 ng

RT: 10.30 min Scan# 701

Delta R.T. -0.05 min

Lab File: BF085337.D

Acq: 10 Mar 2016 17:06

Tgt Ion:232 Resp: 160501

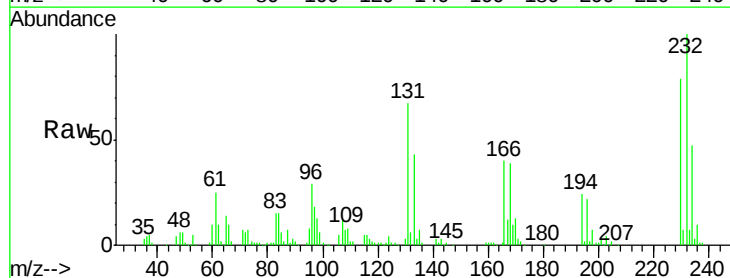
Ion Ratio Lower Upper

232 100

131 51.9 46.0 69.0

130 2.3 2.2 3.4

166 33.7 28.8 43.2

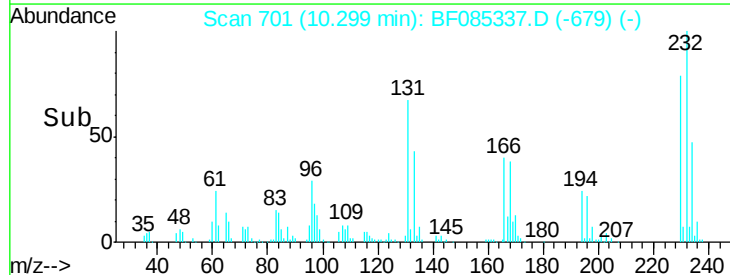
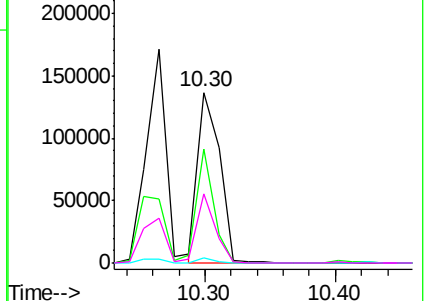


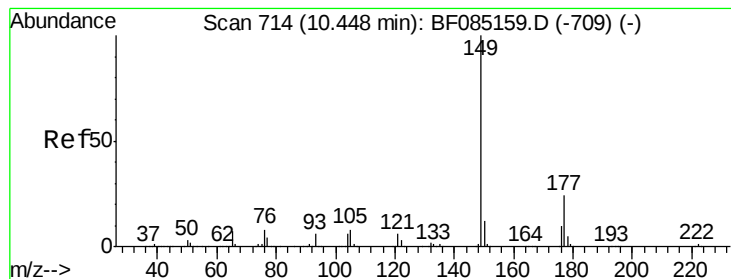
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 32.33 ng

RT: 10.40 min Scan# 710

Delta R.T. -0.05 min

Lab File: BF085337.D

Acq: 10 Mar 2016 17:06

Instrument :

BNA_F

ClientSampled :

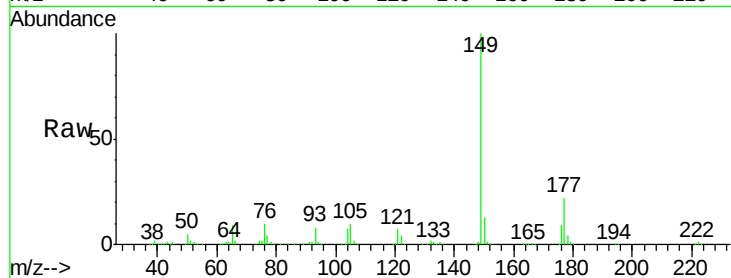
Tot Ion:149 Resp: 720654

Ion Ratio Lower Upper

149 100

177 21.6 19.2 28.8

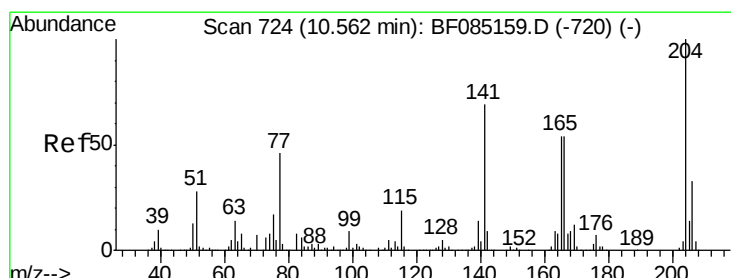
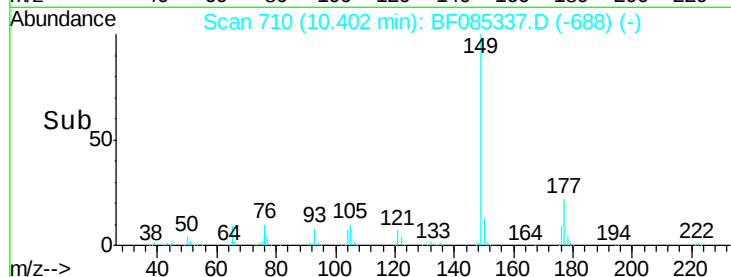
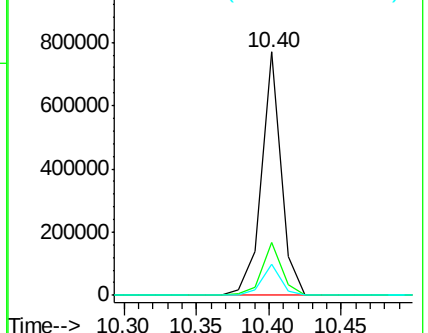
150 12.8 9.9 14.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 33.31 ng

RT: 10.52 min Scan# 720

Delta R.T. -0.05 min

Lab File: BF085337.D

Acq: 10 Mar 2016 17:06

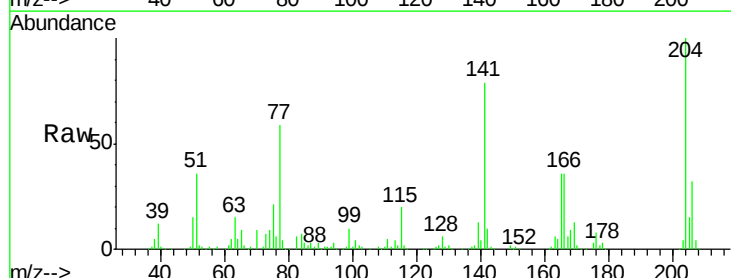
Tgt Ion:204 Resp: 307267

Ion Ratio Lower Upper

204 100

206 32.0 26.5 39.7

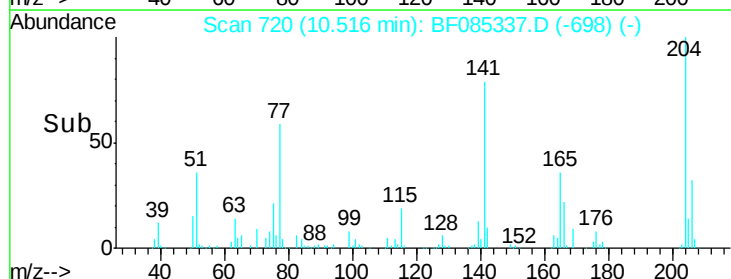
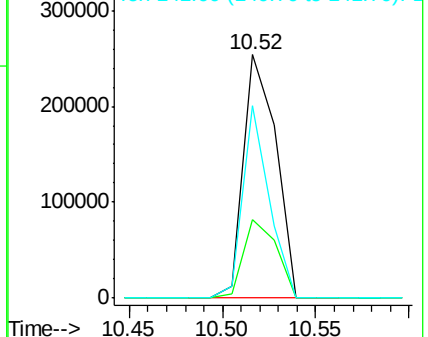
141 79.1 55.4 83.2

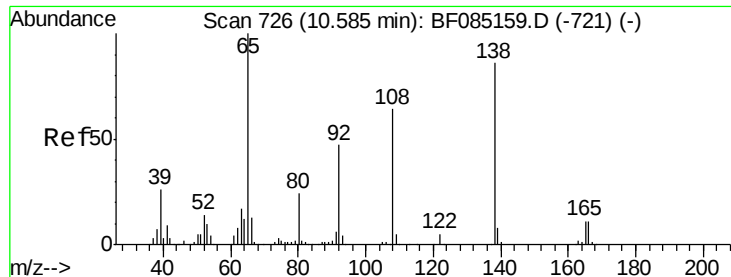


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 36.94 ng

RT: 10.55 min Scan# 723

Delta R.T. -0.03 min

Lab File: BF085337.D

Acq: 10 Mar 2016 17:06

Instrument :

BNA_F

ClientSampleId :

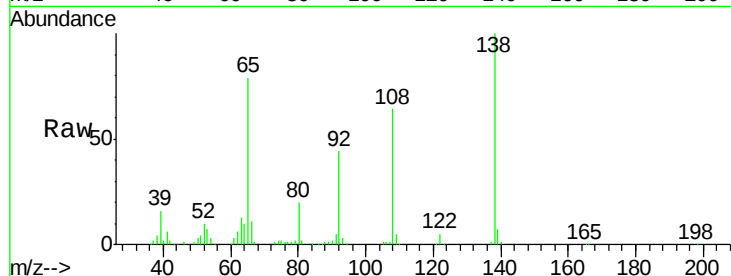
Tot Ion:138 Resp: 203173

Ion Ratio Lower Upper

138 100

92 44.0 34.2 74.2

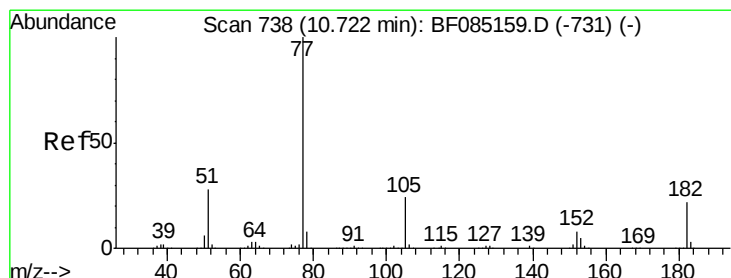
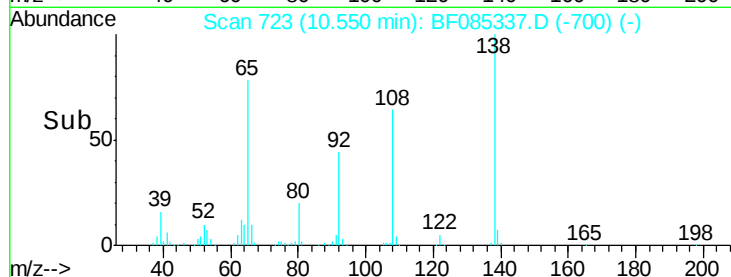
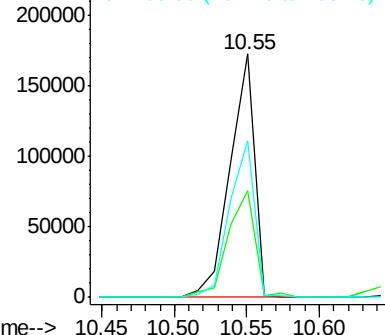
108 64.5 53.9 93.9



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: 33.17 ng

RT: 10.68 min Scan# 734

Delta R.T. -0.05 min

Lab File: BF085337.D

Acq: 10 Mar 2016 17:06

Tgt Ion: 77 Resp: 728589

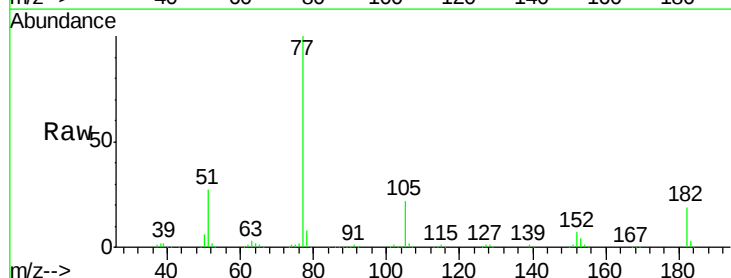
Ion Ratio Lower Upper

77 100

182 18.8 2.1 42.1

105 22.1 3.8 43.8

51 26.7 7.8 47.8

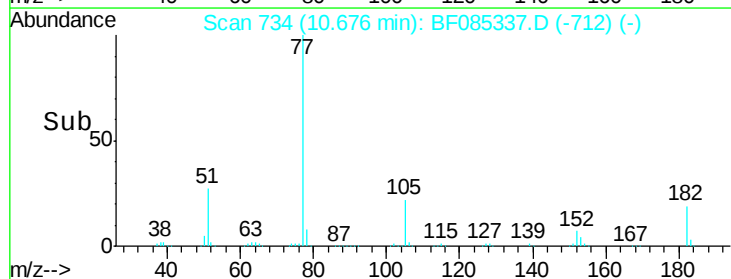
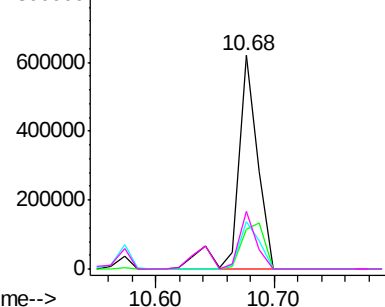


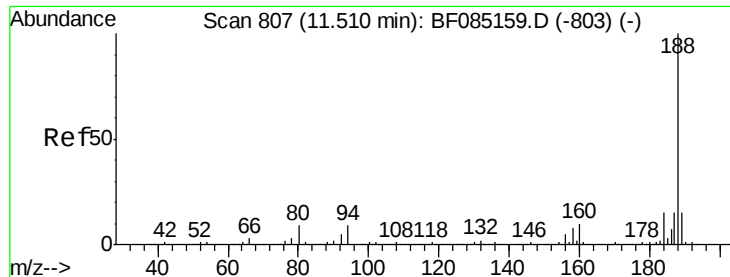
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

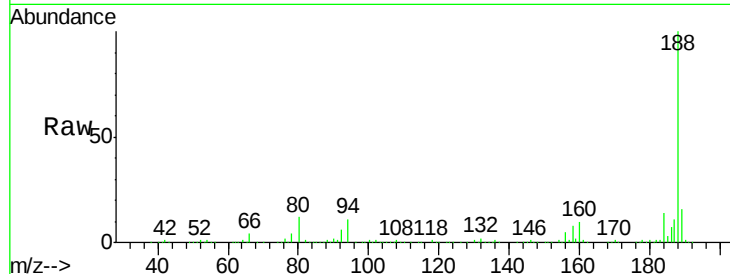




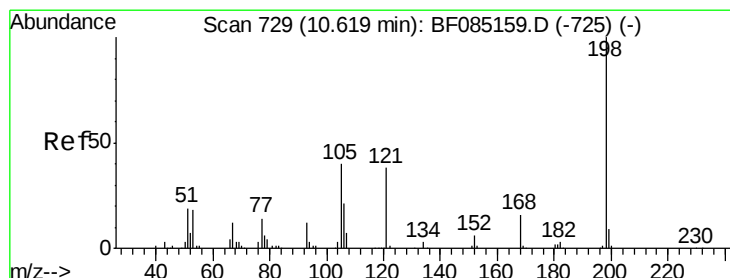
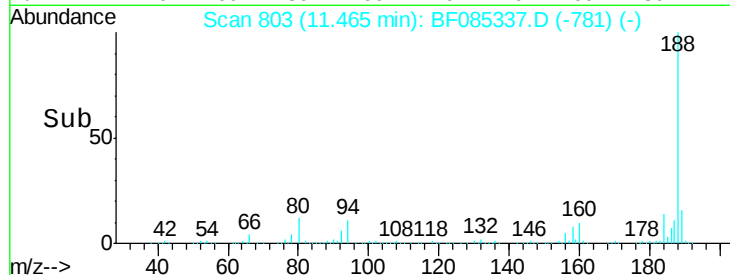
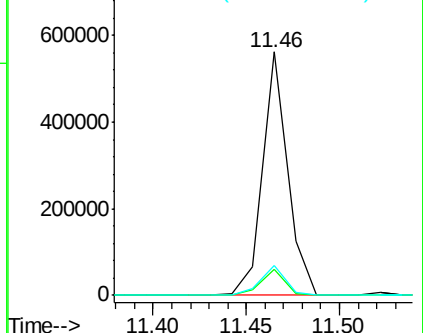
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.46 min Scan# 803
 Delta R.T. -0.05 min
 Lab File: BF085337.D
 Acq: 10 Mar 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 518689
 Ion Ratio Lower Upper
 188 100
 94 10.9 7.0 10.6#
 80 12.1 7.4 11.0#

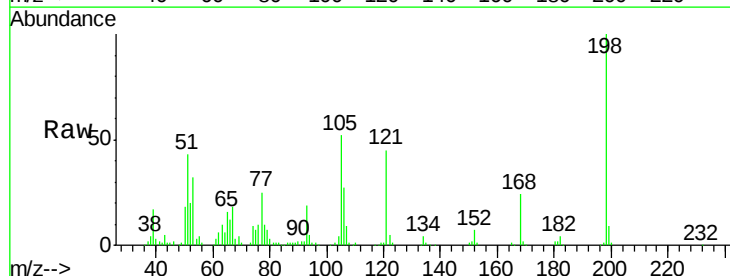


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

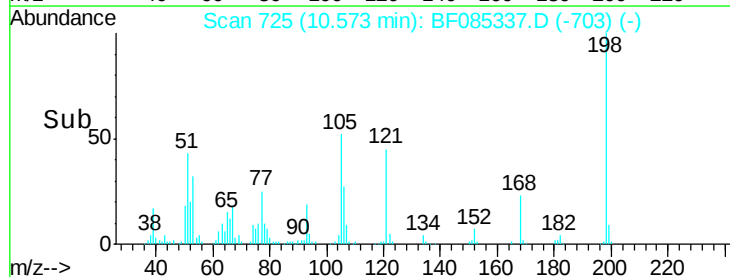
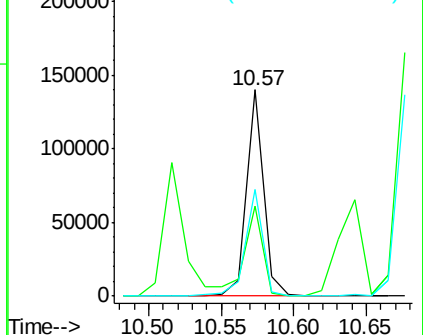


#64
 4,6-Dinitro-2-methylphenol
 Concen: 36.78 ng
 RT: 10.57 min Scan# 725
 Delta R.T. -0.04 min
 Lab File: BF085337.D
 Acq: 10 Mar 2016 17:06

Tgt Ion:198 Resp: 114234
 Ion Ratio Lower Upper
 198 100
 51 43.4 9.5 49.5
 105 51.5 20.5 60.5



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

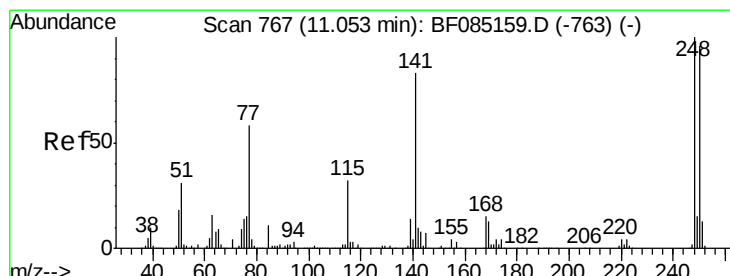
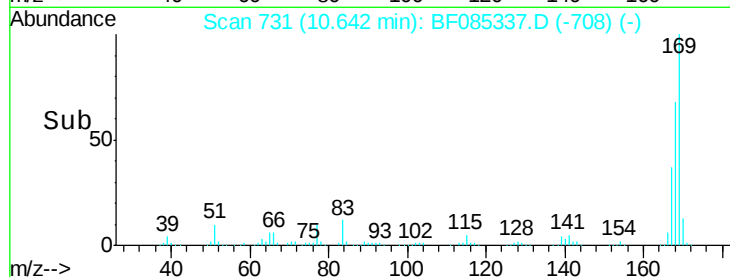
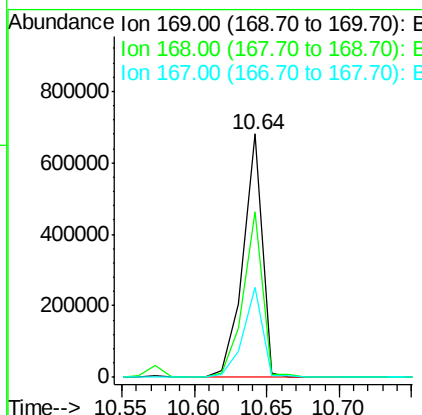
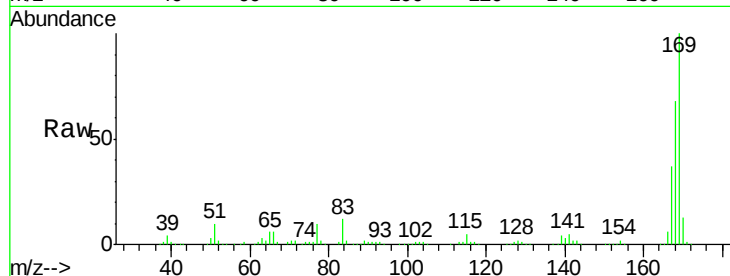




#65
n-Nitrosodiphenylamine
Concen: 39.04 ng
RT: 10.64 min Scan# 731
Delta R.T. -0.03 min
Lab File: BF085337.D
Acq: 10 Mar 2016 17:06

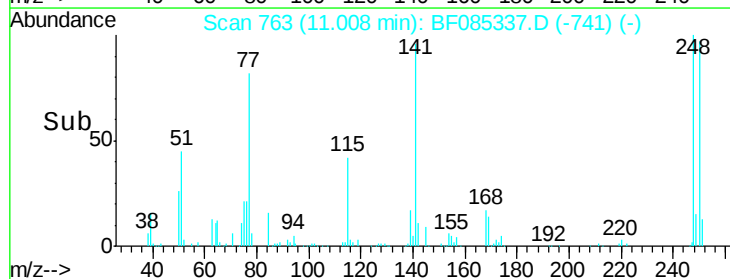
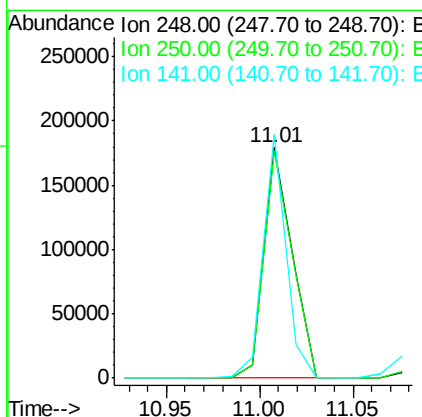
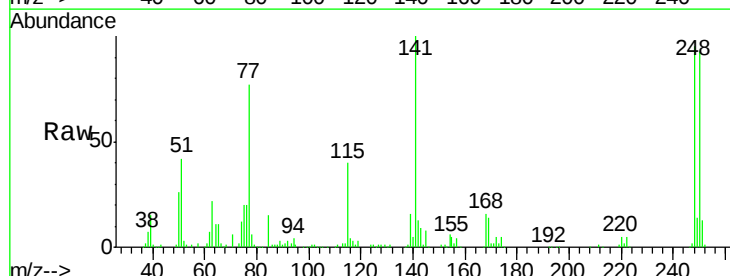
Instrument :
BNA_F
ClientSampleId :

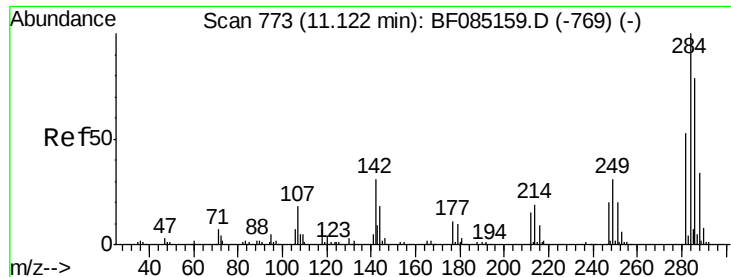
Tot Ion:169 Resp: 629767
Ion Ratio Lower Upper
169 100
168 68.1 54.8 82.2
167 37.0 30.3 45.5



#66
4-Bromophenyl-phenylether
Concen: 37.01 ng
RT: 11.01 min Scan# 763
Delta R.T. -0.05 min
Lab File: BF085337.D
Acq: 10 Mar 2016 17:06

Tgt Ion:248 Resp: 186408
Ion Ratio Lower Upper
248 100
250 98.4 77.1 115.7
141 105.5 66.2 99.2#

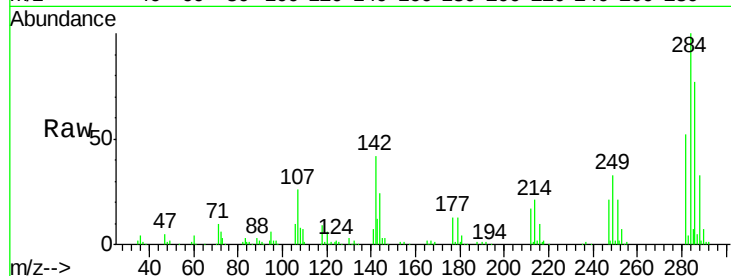




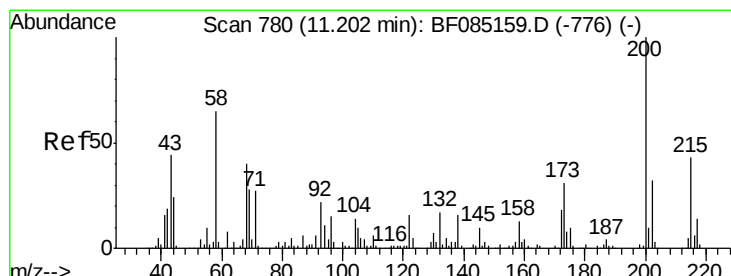
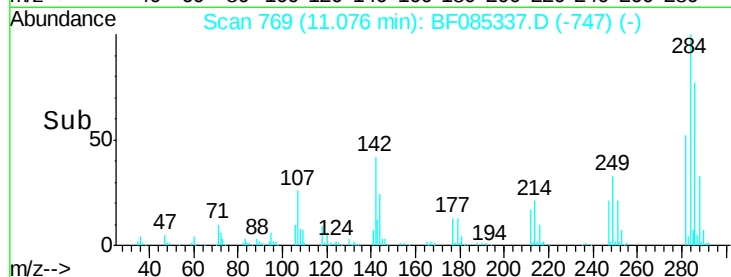
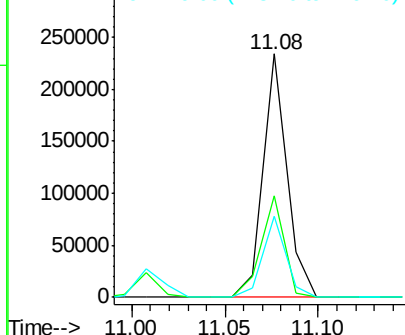
#67
Hexachlorobenzene
Concen: 38.36 ng
RT: 11.08 min Scan# 769
Delta R.T. -0.05 min
Lab File: BF085337.D
Acq: 10 Mar 2016 17:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 206112
Ion Ratio Lower Upper
284 100
142 41.7 24.9 37.3#
249 33.3 25.0 37.4

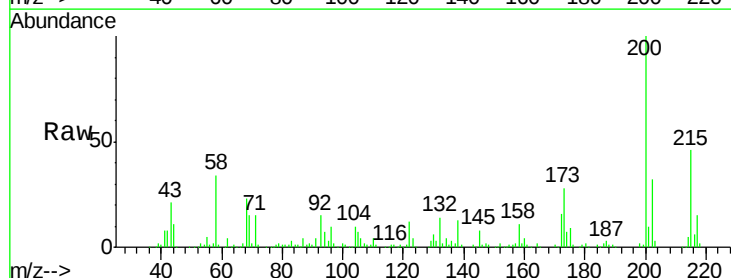


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

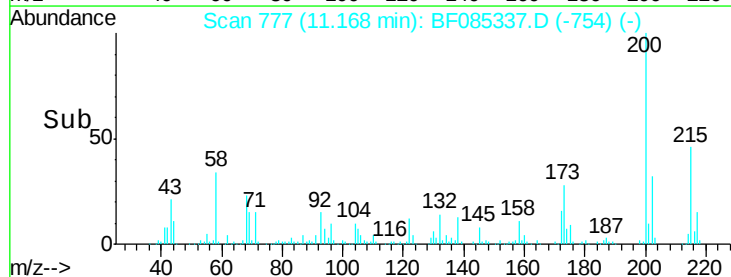
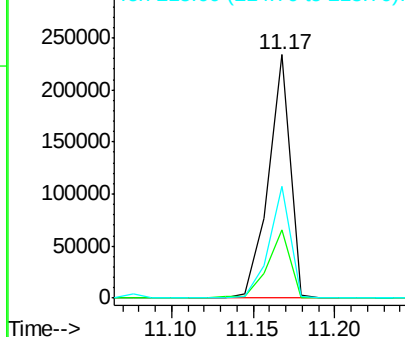


#68
Atrazine
Concen: 48.61 ng
RT: 11.17 min Scan# 777
Delta R.T. -0.03 min
Lab File: BF085337.D
Acq: 10 Mar 2016 17:06

Tgt Ion:200 Resp: 218106
Ion Ratio Lower Upper
200 100
173 27.8 10.5 50.5
215 45.7 23.4 63.4



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

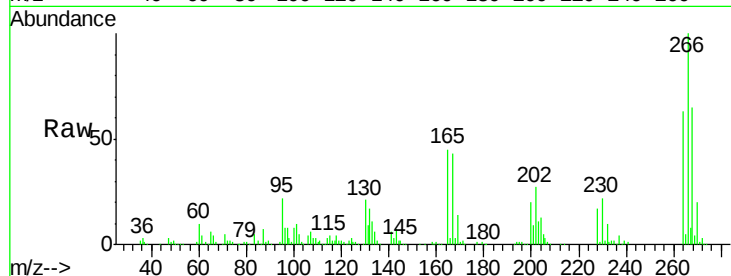




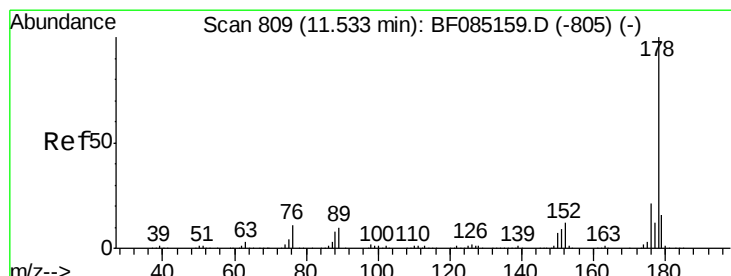
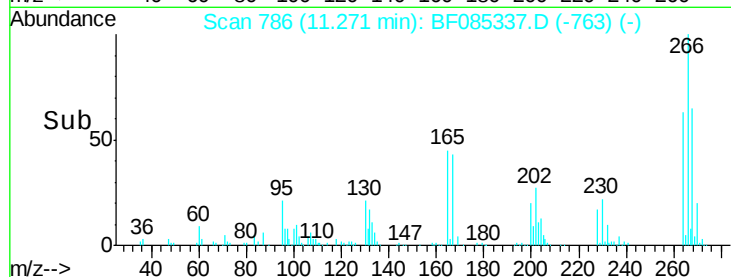
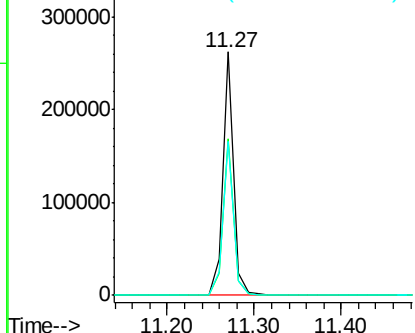
#69
 Pentachlorophenol
 Concen: 76.88 ng
 RT: 11.27 min Scan# 786
 Delta R.T. -0.03 min
 Lab File: BF085337.D
 Acq: 10 Mar 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 229286
 Ion Ratio Lower Upper
 266 100
 268 64.6 50.0 75.0
 264 63.2 51.4 77.2

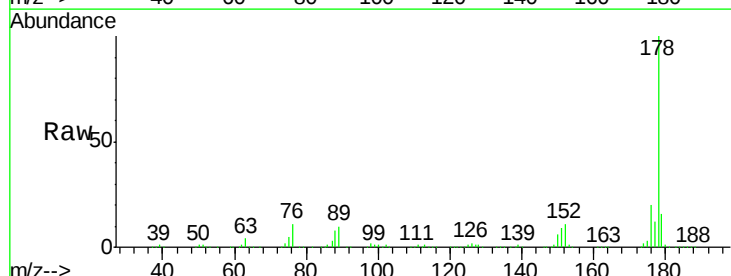


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

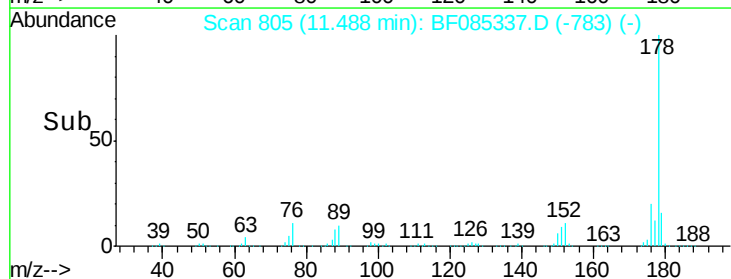
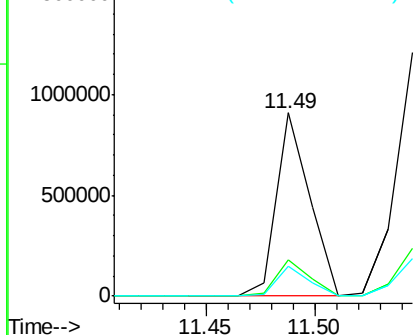


#70
 Phenanthrene
 Concen: 35.79 ng
 RT: 11.49 min Scan# 805
 Delta R.T. -0.05 min
 Lab File: BF085337.D
 Acq: 10 Mar 2016 17:06

Tgt Ion:178 Resp: 972828
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.8 25.2
 179 16.3 13.1 19.7



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

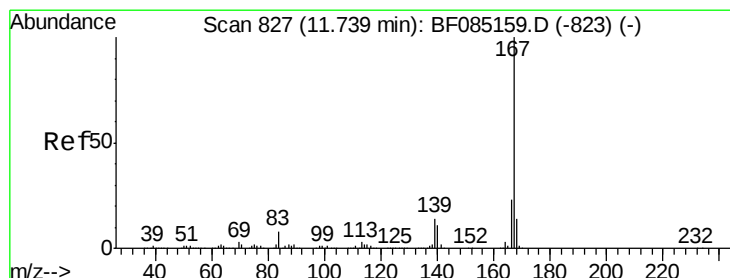
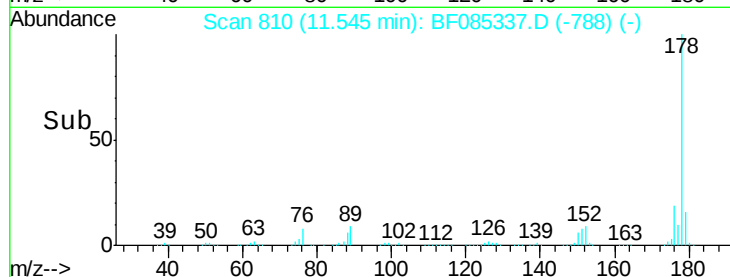
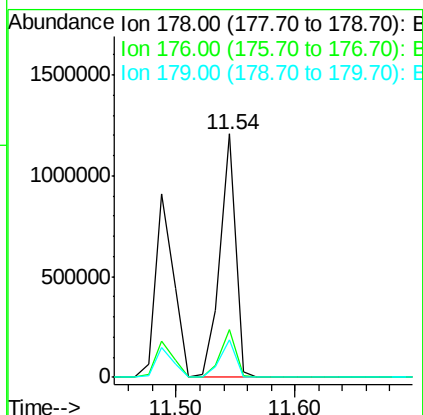
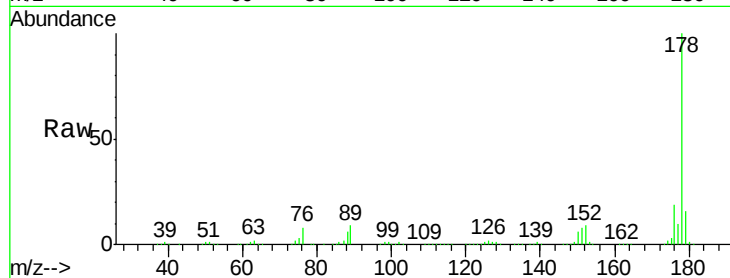




#71
 Anthracene
 Concen: 37.73 ng
 RT: 11.54 min Scan# 810
 Delta R.T. -0.05 min
 Lab File: BF085337.D
 Acq: 10 Mar 2016 17:06

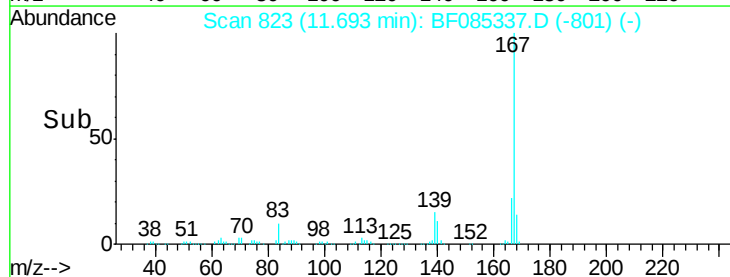
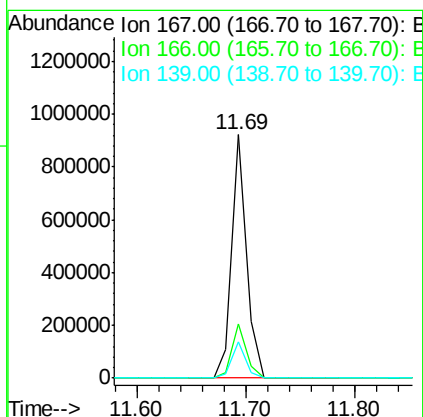
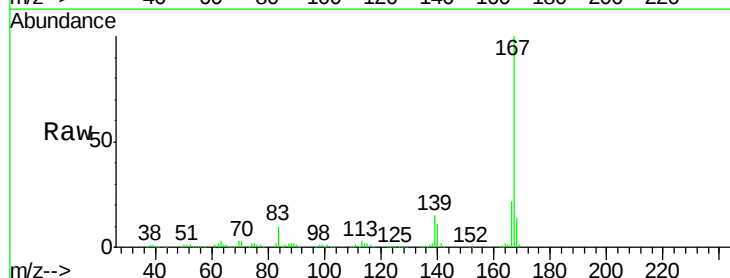
Instrument :
 BNA_F
 ClientSampleId :

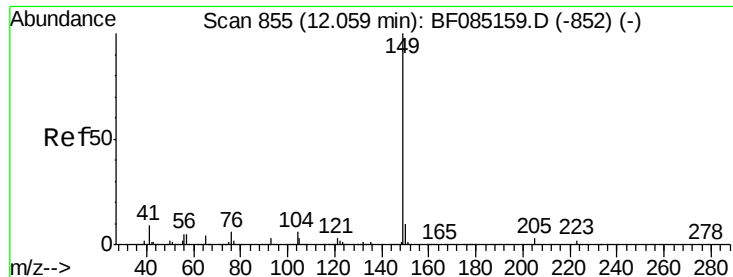
Tot Ion:178 Resp: 1088842
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.9 23.9
 179 15.5 12.5 18.7



#72
 Carbazole
 Concen: 33.96 ng
 RT: 11.69 min Scan# 823
 Delta R.T. -0.05 min
 Lab File: BF085337.D
 Acq: 10 Mar 2016 17:06

Tgt Ion:167 Resp: 859410
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.2 27.2
 139 14.7 11.4 17.0





#73

Di-n-butylphthalate

Concen: 33.96 ng

RT: 12.02 min Scan# 852

Delta R.T. -0.03 min

Lab File: BF085337.D

Acq: 10 Mar 2016 17:06

Instrument :

BNA_F

ClientSampleId :

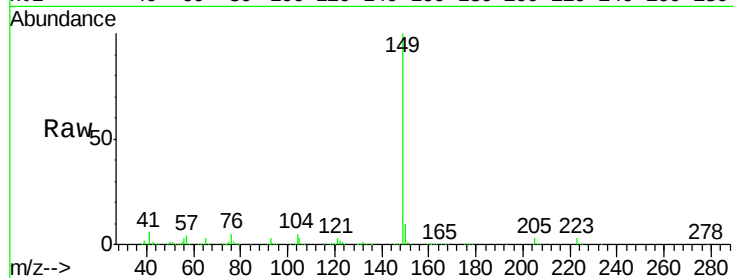
Tot Ion:149 Resp: 1086238

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

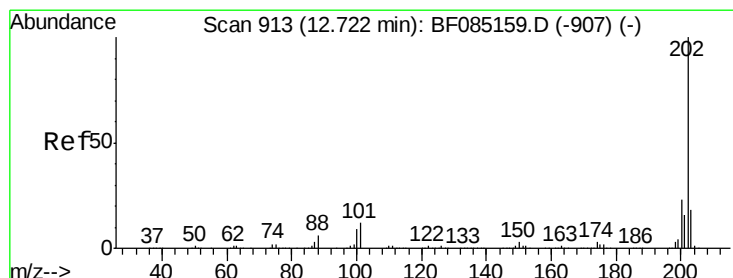
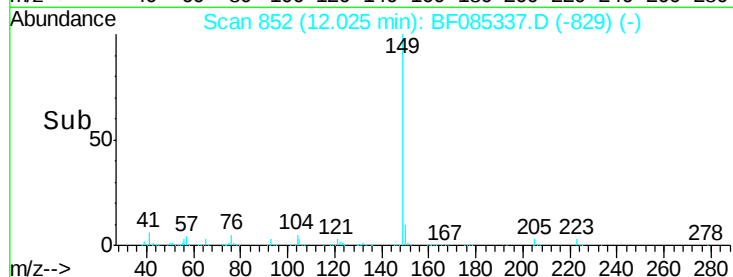
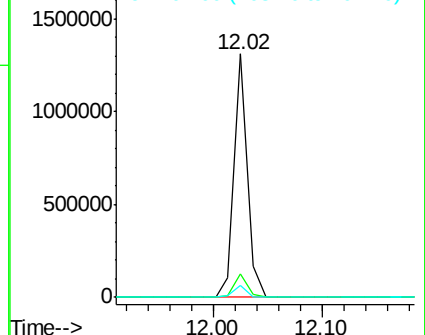
104 5.0 4.7 7.1



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: 35.83 ng

RT: 12.68 min Scan# 909

Delta R.T. -0.05 min

Lab File: BF085337.D

Acq: 10 Mar 2016 17:06

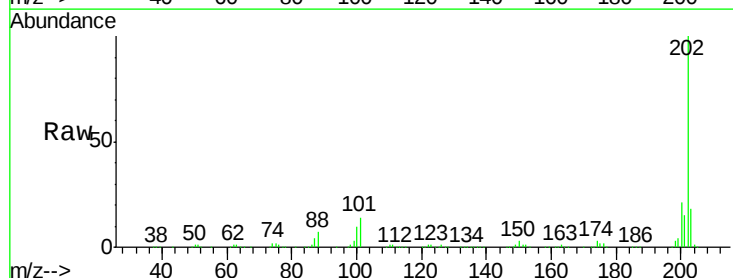
Tgt Ion:202 Resp: 977301

Ion Ratio Lower Upper

202 100

101 13.7 0.0 31.8

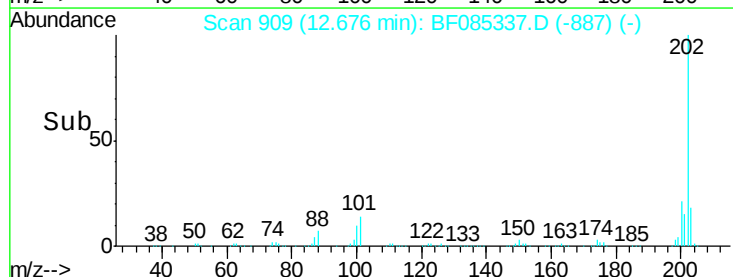
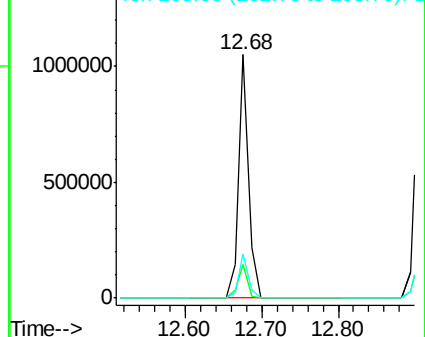
203 18.1 0.0 38.4

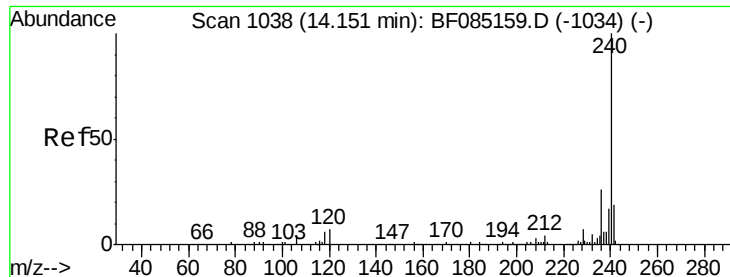


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 14.11 min Scan# 1034

Delta R.T. -0.05 min

Lab File: BF085337.D

Acq: 10 Mar 2016 17:06

Instrument :

BNA_F

ClientSampleId :

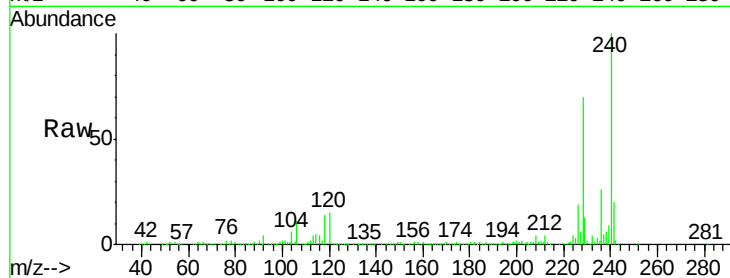
Tot Ion:240 Resp: 396771

Ion Ratio Lower Upper

240 100

120 15.2 5.3 7.9#

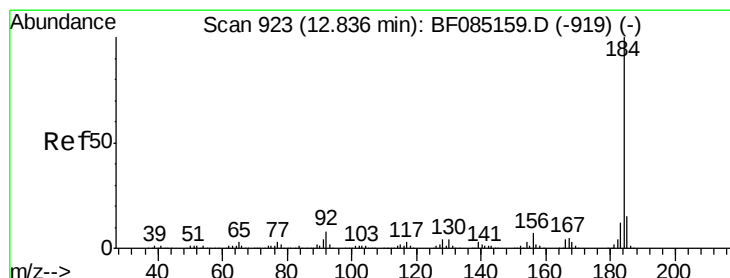
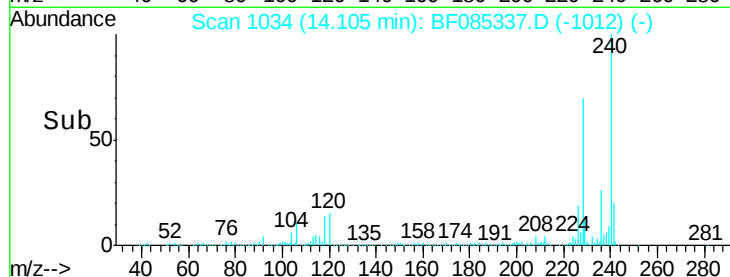
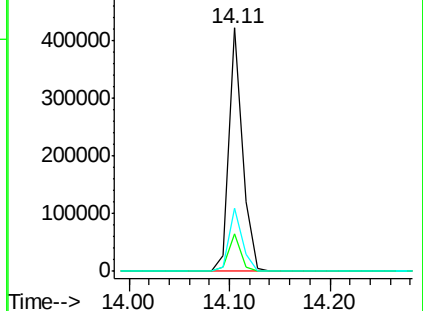
236 25.7 20.7 31.1



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: 32.09 ng

RT: 12.80 min Scan# 920

Delta R.T. -0.03 min

Lab File: BF085337.D

Acq: 10 Mar 2016 17:06

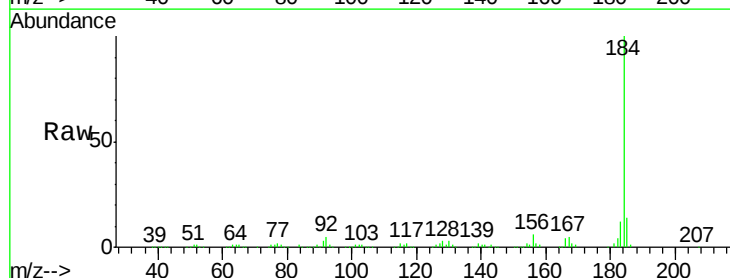
Tgt Ion:184 Resp: 378956

Ion Ratio Lower Upper

184 100

185 14.2 12.4 18.6

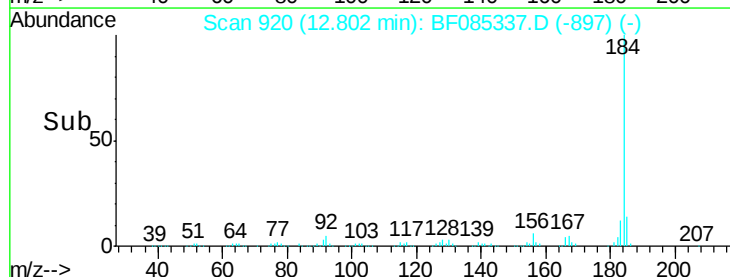
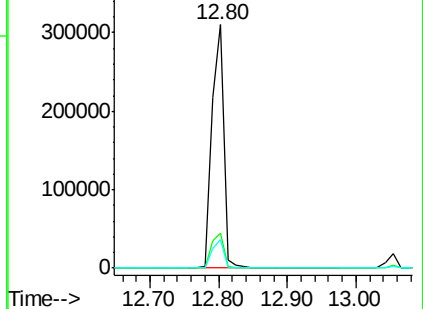
183 11.8 9.4 14.2

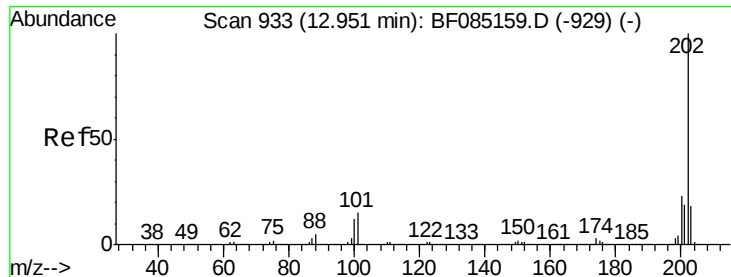


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

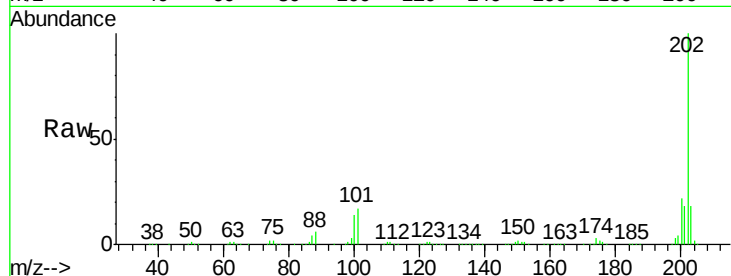




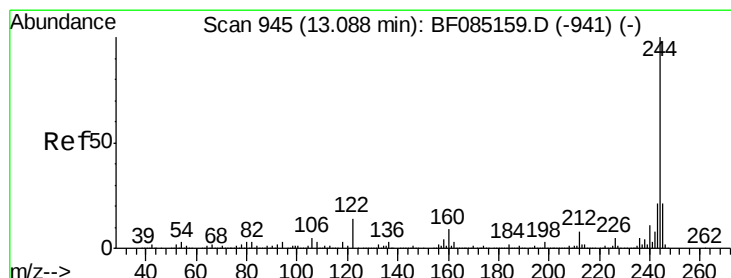
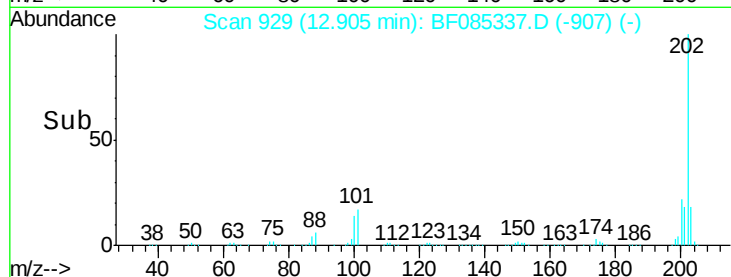
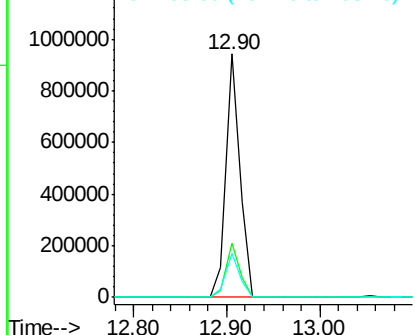
#77
Pvrene
Concen: 33.02 ng
RT: 12.90 min Scan# 929
Delta R.T. -0.05 min
Lab File: BF085337.D
Acq: 10 Mar 2016 17:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 986014
Ion Ratio Lower Upper
202 100
200 22.3 18.2 27.4
203 18.3 14.7 22.1

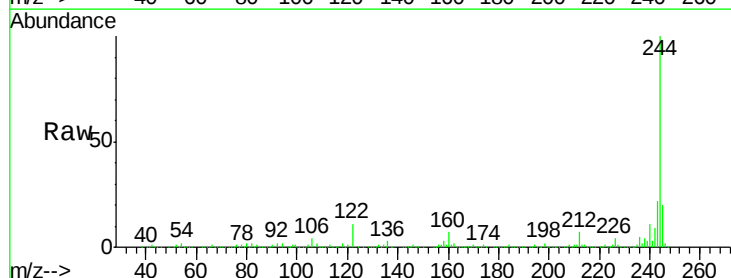


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

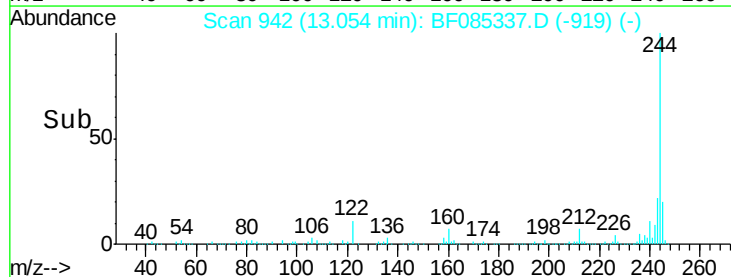
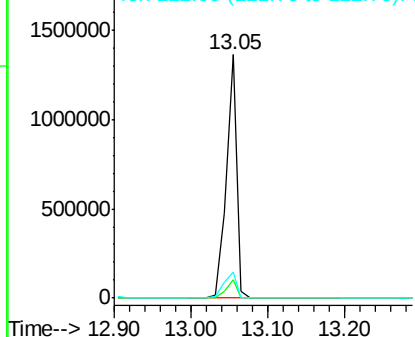


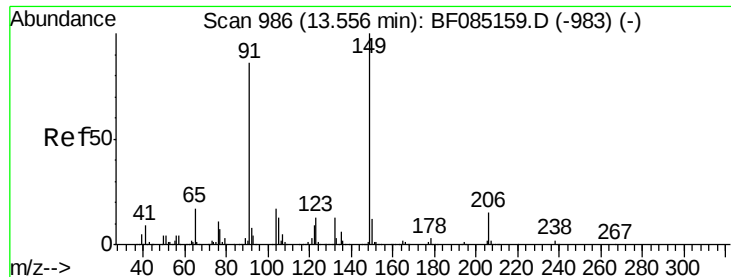
#78
Terphenyl-d14
Concen: 76.35 ng
RT: 13.05 min Scan# 942
Delta R.T. -0.03 min
Lab File: BF085337.D
Acq: 10 Mar 2016 17:06

Tgt Ion:244 Resp: 1305016
Ion Ratio Lower Upper
244 100
212 7.4 6.4 9.6
122 10.5 11.4 17.2#



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

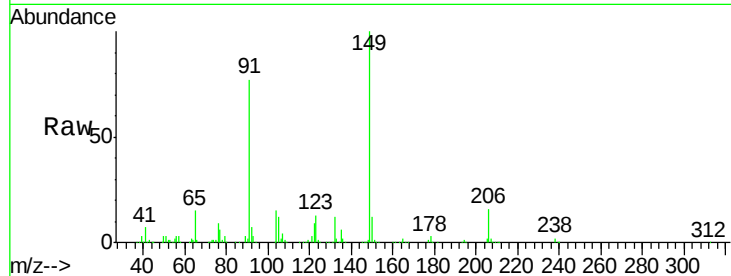




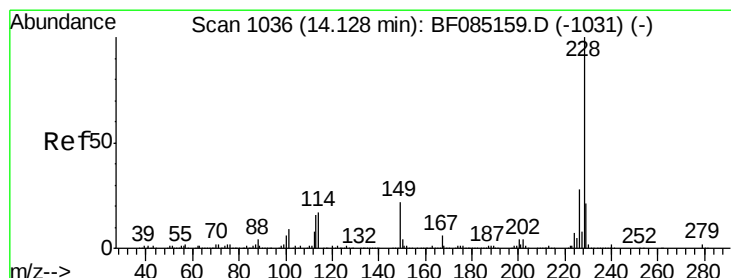
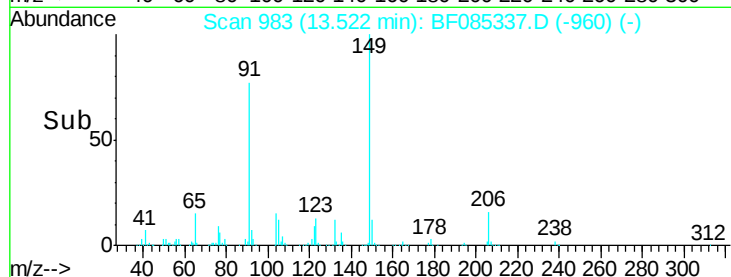
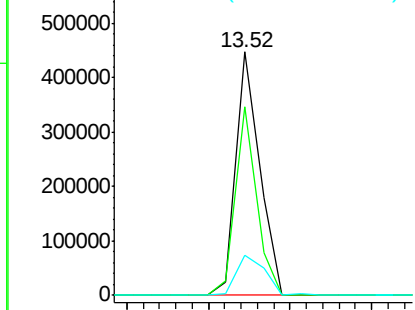
#79
Butylbenzylphthalate
Concen: 33.03 ng
RT: 13.52 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF085337.D
Acq: 10 Mar 2016 17:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 447554
Ion Ratio Lower Upper
149 100
91 77.2 69.0 103.4
206 16.3 12.3 18.5

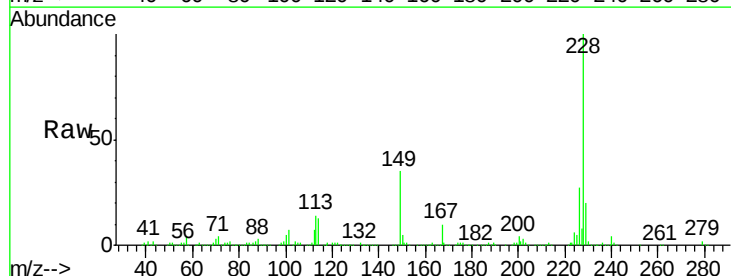


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

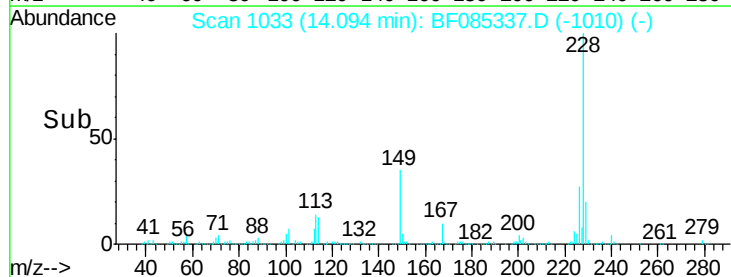
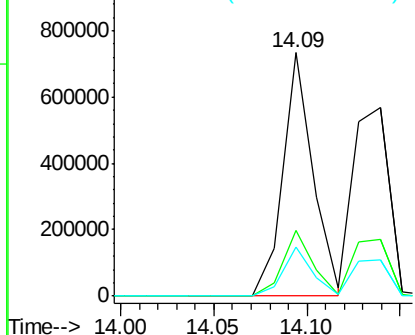


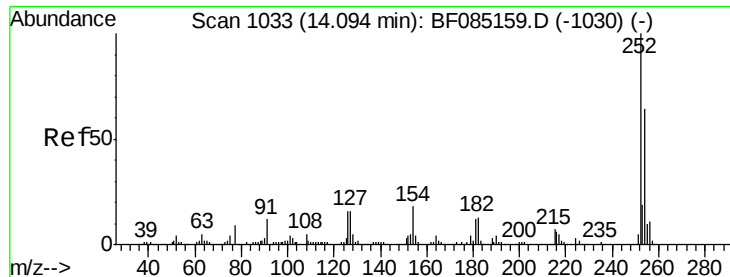
#80
Benzo(a)anthracene
Concen: 34.69 ng
RT: 14.09 min Scan# 1033
Delta R.T. -0.03 min
Lab File: BF085337.D
Acq: 10 Mar 2016 17:06

Tgt Ion:228 Resp: 824028
Ion Ratio Lower Upper
228 100
226 27.2 22.8 34.2
229 20.0 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

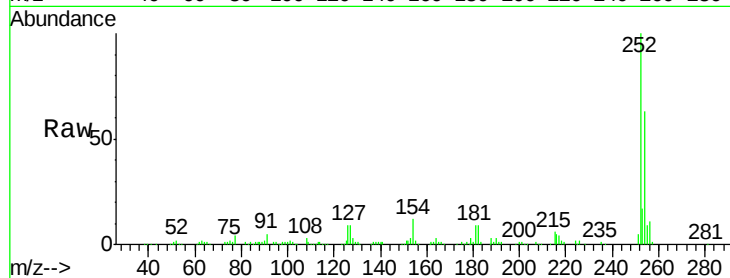




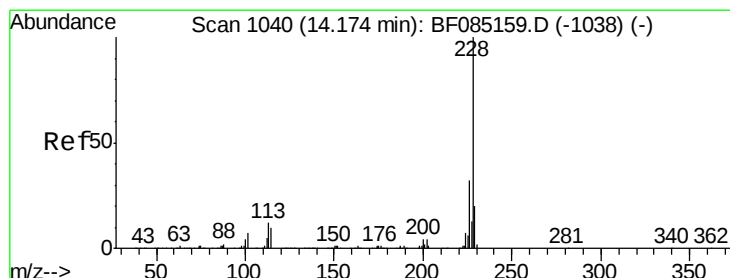
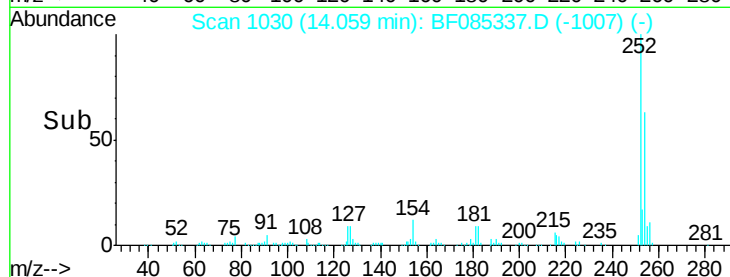
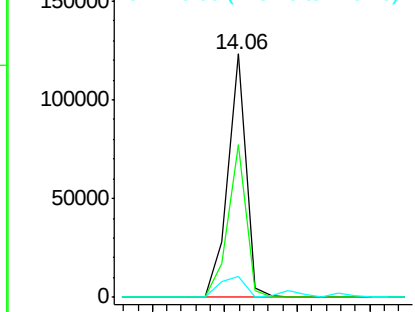
#81
 3,3'-Dichlorobenzidine
 Concen: 14.46 ng
 RT: 14.06 min Scan# 1030
 Delta R.T. -0.03 min
 Lab File: BF085337.D
 Acq: 10 Mar 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.6	51.4	77.0
126	8.8	12.9	19.3

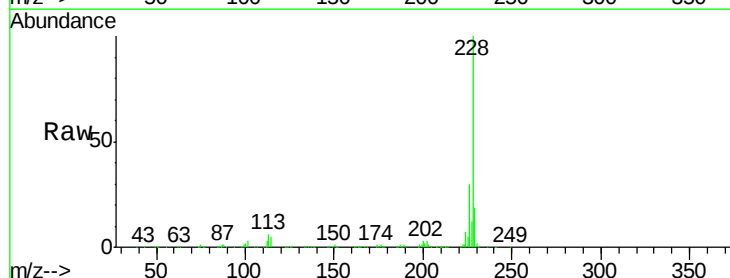


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

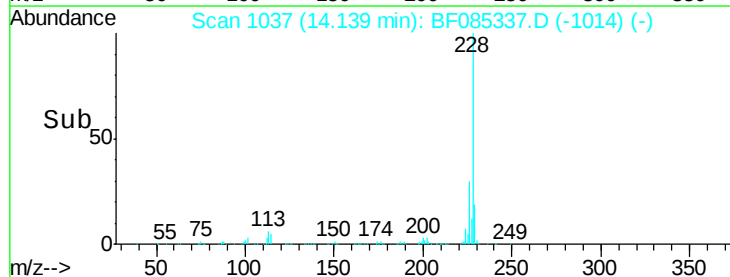
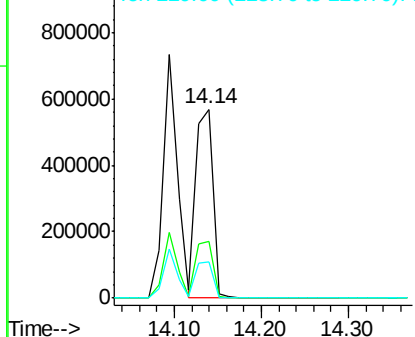


#82
 Chrysene
 Concen: 35.01 ng
 RT: 14.14 min Scan# 1037
 Delta R.T. -0.03 min
 Lab File: BF085337.D
 Acq: 10 Mar 2016 17:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.2	37.8
229	19.1	16.0	24.0



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

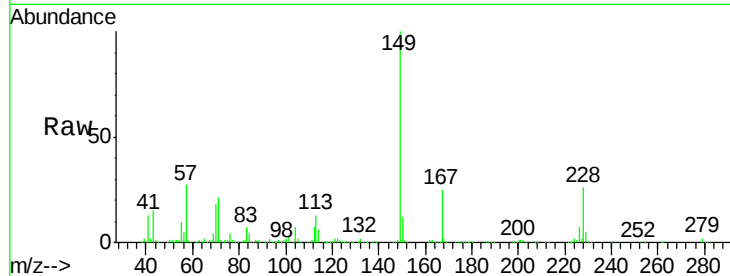




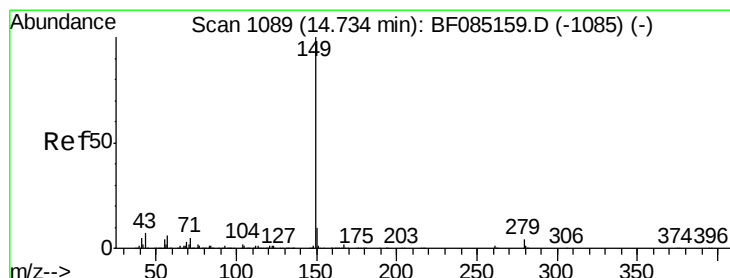
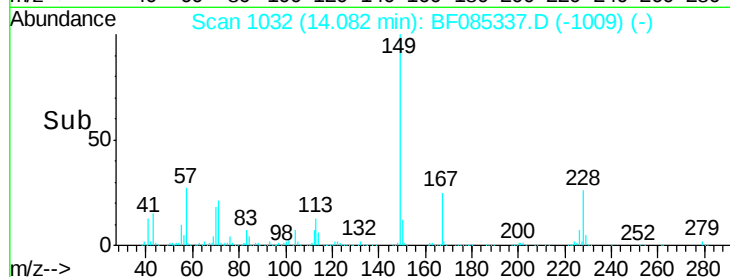
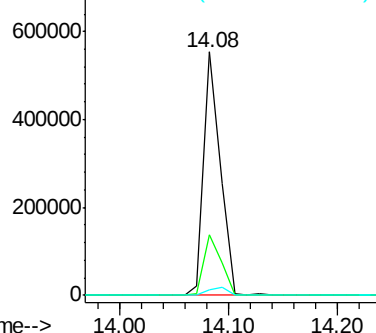
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 32.31 ng
 RT: 14.08 min Scan# 1032
 Delta R.T. -0.03 min
 Lab File: BF085337.D
 Acq: 10 Mar 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 576055
 Ion Ratio Lower Upper
 149 100
 167 25.1 20.3 30.5
 279 2.4 1.9 2.9

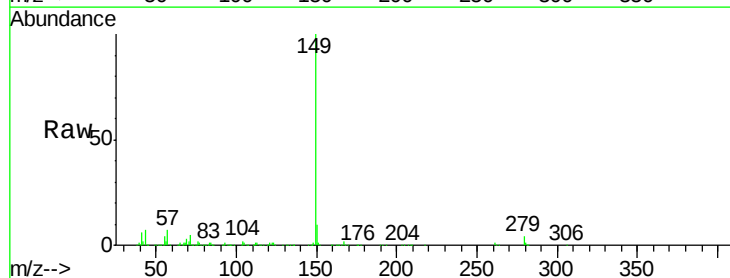


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

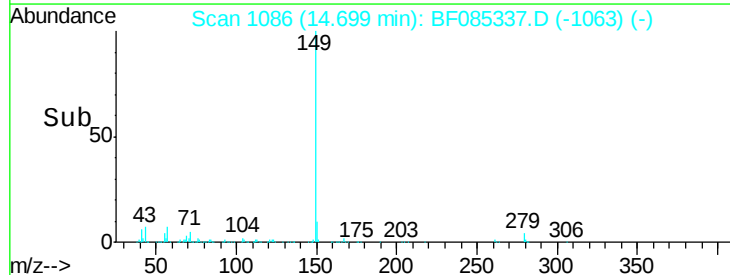
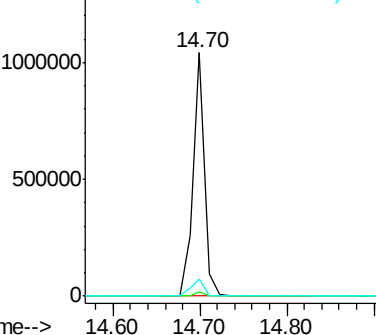


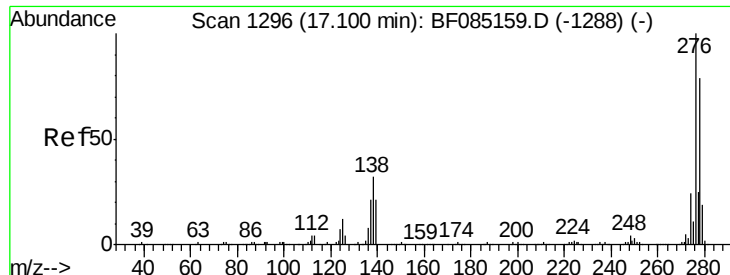
#84
 Di-n-octyl phthalate
 Concen: 35.56 ng
 RT: 14.70 min Scan# 1086
 Delta R.T. -0.03 min
 Lab File: BF085337.D
 Acq: 10 Mar 2016 17:06

Tgt Ion:149 Resp: 965622
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.1 1.7
 43 8.2 7.8 11.8



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

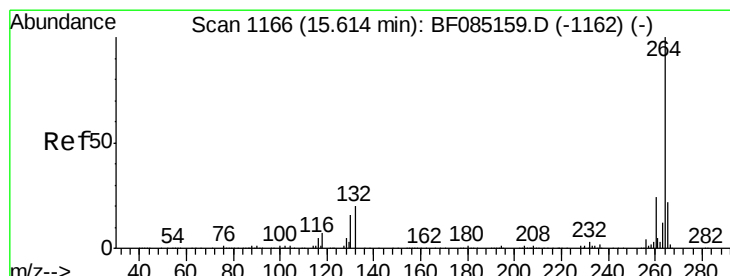
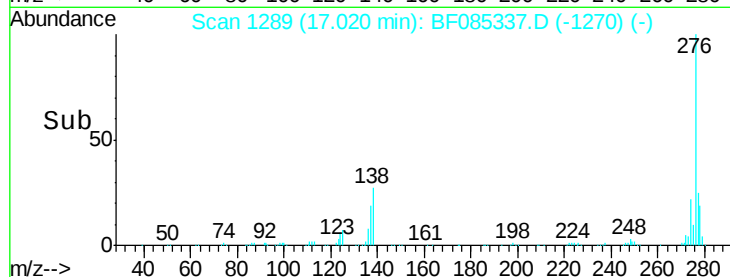
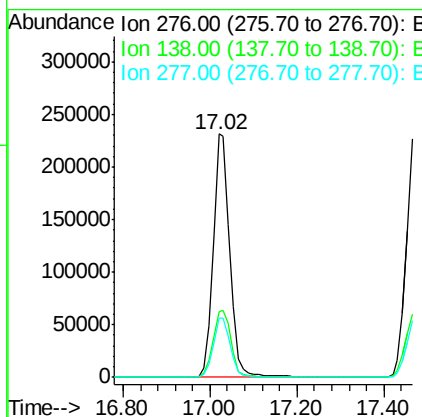
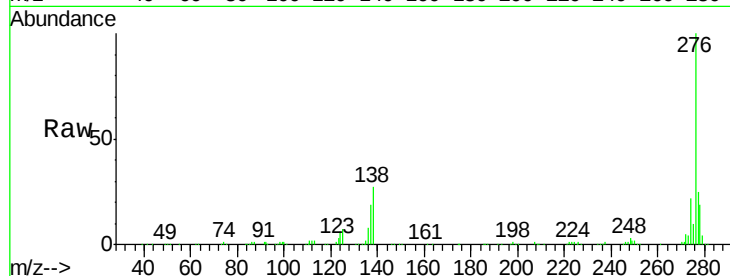




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.74 ng
 RT: 17.02 min Scan# 1289
 Delta R.T. -0.08 min
 Lab File: BF085337.D
 Acq: 10 Mar 2016 17:06

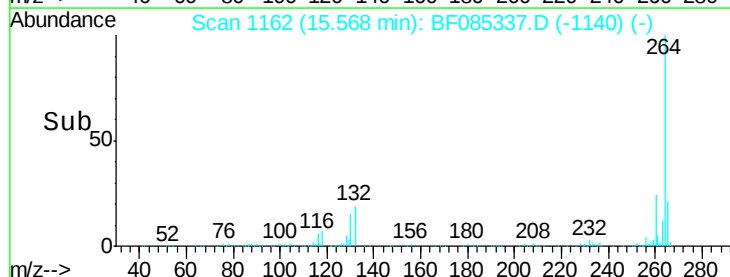
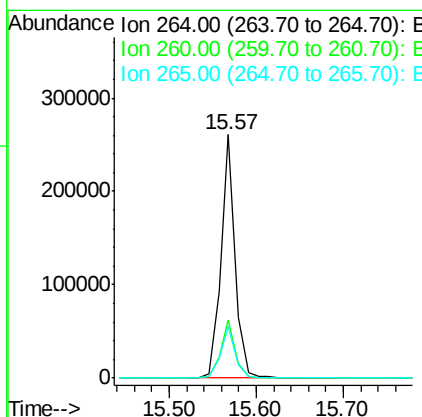
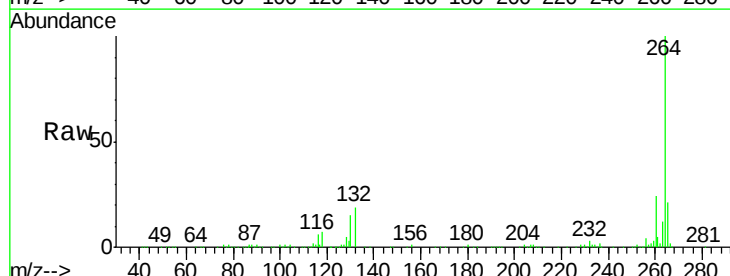
Instrument :
 BNA_F
 ClientSampleId :

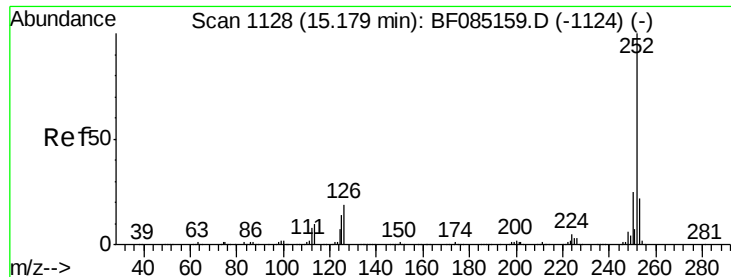
Tot Ion:276 Resp: 629129
 Ion Ratio Lower Upper
 276 100
 138 29.9 26.4 39.6
 277 25.1 20.2 30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.57 min Scan# 1162
 Delta R.T. -0.05 min
 Lab File: BF085337.D
 Acq: 10 Mar 2016 17:06

Tgt Ion:264 Resp: 299289
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.2 17.3 25.9

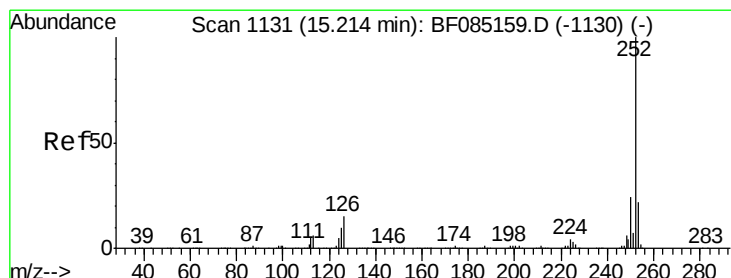
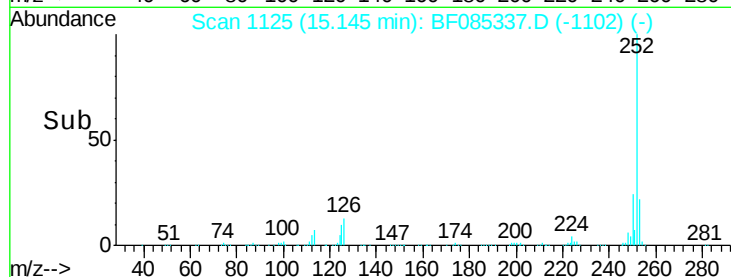
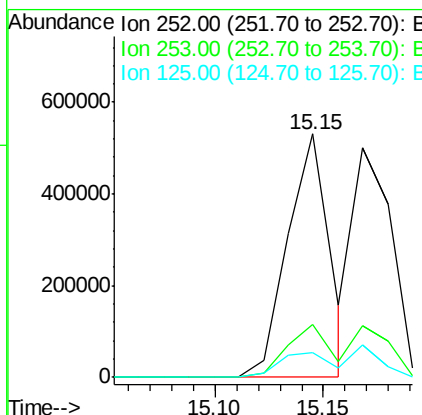
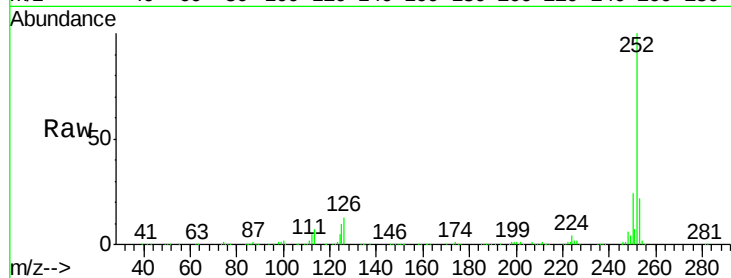




#87
Benzo(b)fluoranthene
Concen: 35.75 ng
RT: 15.15 min Scan# 1125
Delta R.T. -0.03 min
Lab File: BF085337.D
Acq: 10 Mar 2016 17:06

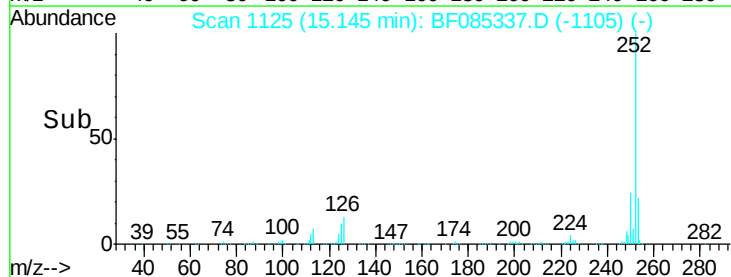
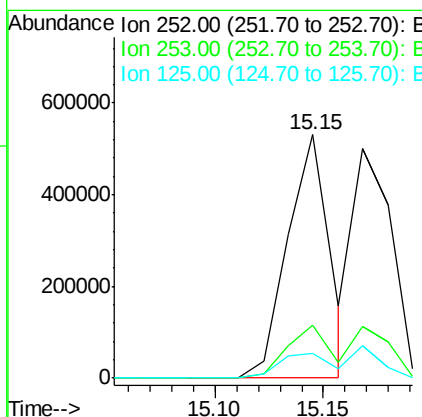
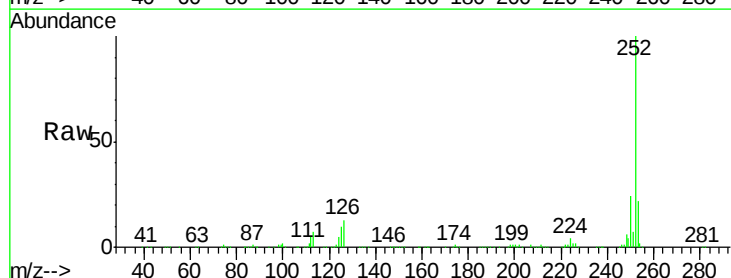
Instrument :
BNA_F
ClientSampleId :

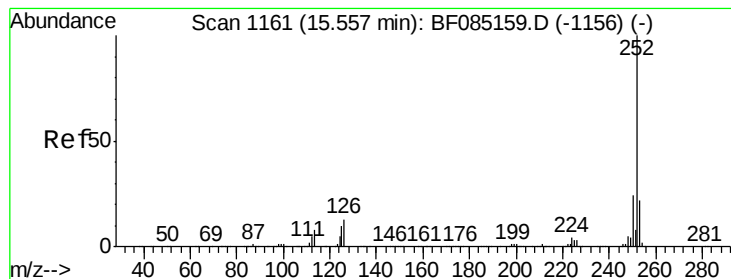
Tot Ion:252 Resp: 713108
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.6
125 10.1 11.3 16.9#



#88
Benzo(k)fluoranthene
Concen: 44.32 ng
RT: 15.15 min Scan# 1125
Delta R.T. -0.07 min
Lab File: BF085337.D
Acq: 10 Mar 2016 17:06

Tgt Ion:252 Resp: 713108
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.6
125 10.1 10.4 15.6#





#89

Benzo(a)pyrene

Concen: 38.77 ng

RT: 15.51 min Scan# 1157

Delta R.T. -0.05 min

Lab File: BF085337.D

Acq: 10 Mar 2016 17:06

Instrument :

BNA_F

ClientSampleId :

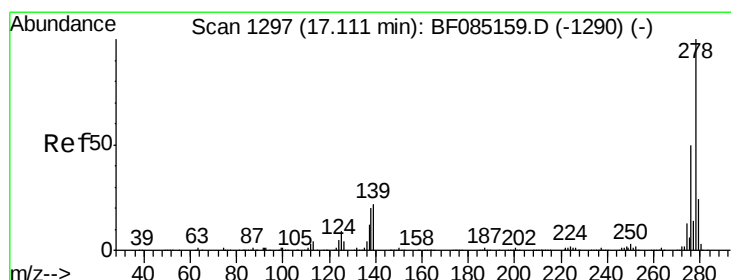
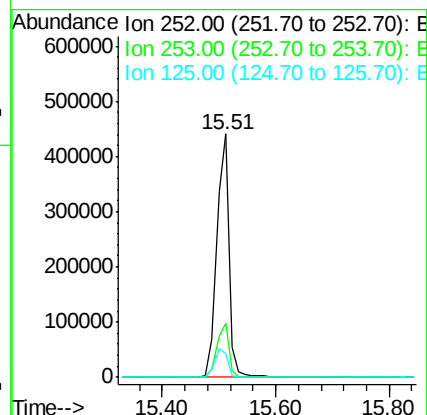
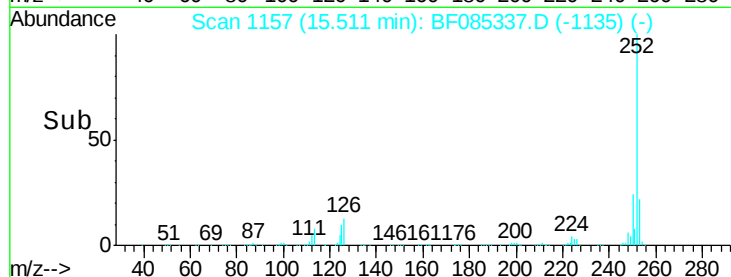
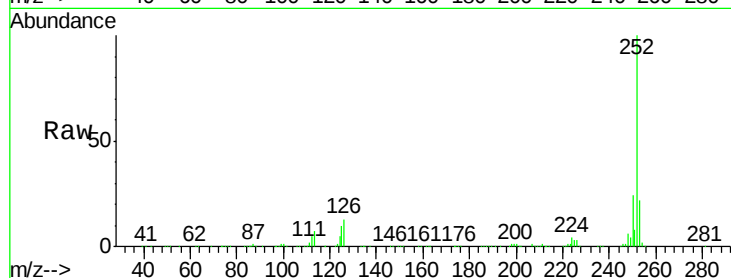
Tot Ion:252 Resp: 640834

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 9.6 8.2 12.4



#90

Dibenzo(a,h)anthracene

Concen: 37.58 ng

RT: 17.04 min Scan# 1291

Delta R.T. -0.07 min

Lab File: BF085337.D

Acq: 10 Mar 2016 17:06

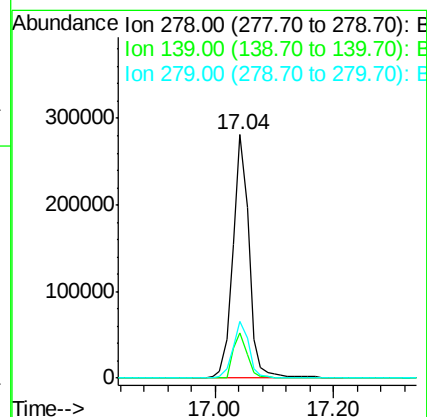
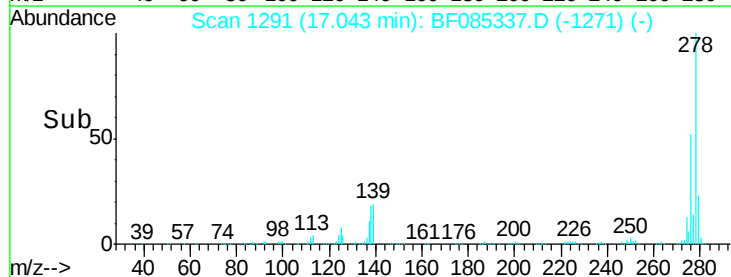
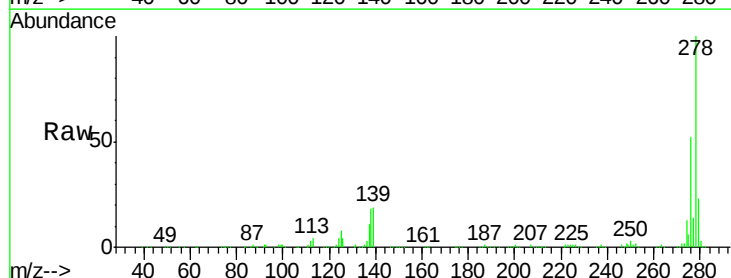
Tgt Ion:278 Resp: 530262

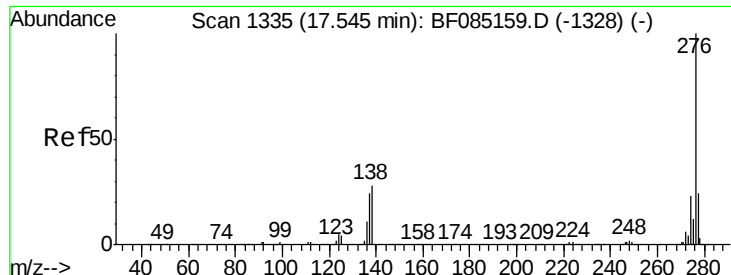
Ion Ratio Lower Upper

278 100

139 18.8 17.3 25.9

279 23.2 19.2 28.8





#91

Benzo(a,h,i)perylene

Concen: 37.73 ng

RT: 17.47 min Scan# 1328

Delta R.T. -0.08 min

Lab File: BF085337.D

Acq: 10 Mar 2016 17:06

Instrument :

BNA_F

ClientSampleId :

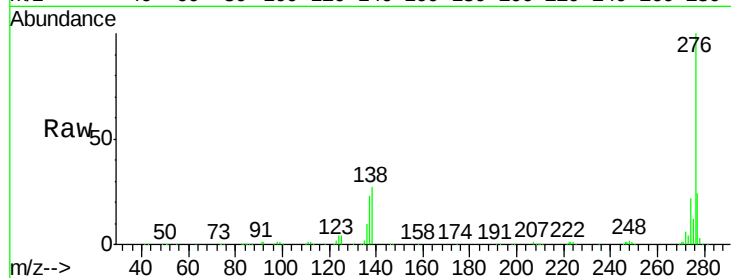
Tot Ion: 276 Resp: 535363

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.4

138 26.8 22.5 33.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

