

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
 Data File : BF085376.D
 Acq On : 11 Mar 2016 17:07
 Operator : UM/SJ
 Sample : PB88797BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88797BSD

Quant Time: Mar 11 21:58:51 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	158259	20.00	ng	-0.05
21) Naphthalene-d8	8.22	136	618179	20.00	ng	-0.05
38) Acenaphthene-d10	9.98	164	290381	20.00	ng	-0.05
63) Phenanthrene-d10	11.46	188	531661	20.00	ng	-0.05
75) Chrysene-d12	14.11	240	322790	20.00	ng	-0.05
86) Perylene-d12	15.57	264	266376	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	1030371	109.21	ng	-0.03
7) Phenol-d6	6.56	99	1468580	118.81	ng	-0.05
23) Nitrobenzene-d5	7.50	82	898054	77.74	ng	-0.05
41) 2,4,6-Tribromophenol	10.78	330	348317	140.19	ng	-0.03
44) 2-Fluorobiphenyl	9.30	172	1594063	83.49	ng	-0.05
78) Terphenyl-d14	13.05	244	1294593	93.10	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	154605	32.04	ng	96
3) Pyridine	3.44	79	377870	31.29	ng	98
4) n-Nitrosodimethylamine	3.37	42	197568	38.23	ng	97
6) Aniline	6.60	93	351109	20.27	ng	97
8) 2-Chlorophenol	6.72	128	470784	41.45	ng	93
9) Benzaldehyde	6.48	77	111256	15.73	ng	88
10) Phenol	6.57	94	466087	35.21	ng	93
11) bis(2-Chloroethyl)ether	6.68	93	423604	38.52	ng	93
12) 1,3-Dichlorobenzene	7.11	146	459091	37.65	ng	99
13) 1,4-Dichlorobenzene	6.95	146	447603	36.62	ng	98
14) 1,2-Dichlorobenzene	7.11	146	459107	41.40	ng	96
15) Benzyl Alcohol	7.08	79	377700	41.62	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	521830	32.92	ng	98
17) 2-Methylphenol	7.19	107	382691	41.29	ng	97
18) Hexachloroethane	7.45	117	178202	39.52	ng	96
19) n-Nitroso-di-n-propylamine	7.35	70	289629	35.95	ng	# 92
20) 3+4-Methylphenols	7.34	107	422023	38.44	ng	92
22) Acetophenone	7.35	105	591038	39.17	ng	# 95
24) Nitrobenzene	7.52	77	501500	42.73	ng	93
25) Isophorone	7.76	82	857412	40.05	ng	96
26) 2-Nitrophenol	7.84	139	235082	41.16	ng	97
27) 2,4-Dimethylphenol	7.88	122	455229	43.62	ng	97
28) bis(2-Chloroethoxy)methane	7.97	93	495072	41.52	ng	99
29) 2,4-Dichlorophenol	8.08	162	369931	43.95	ng	97
30) 1,2,4-Trichlorobenzene	8.16	180	360224	39.58	ng	99
31) Naphthalene	8.24	128	1185363	39.00	ng	99
32) Benzoic acid	7.99	122	297595	42.93	ng	98
33) 4-Chloroaniline	8.29	127	113403	9.22	ng	96
34) Hexachlorobutadiene	8.37	225	200307	42.30	ng	98
35) Caprolactam	8.70	113	38621	14.05	ng	94
36) 4-Chloro-3-methylphenol	8.78	107	413684	43.32	ng	89
37) 2-Methylnaphthalene	8.94	142	864122	44.30	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	321465	38.71	ng	98
40) Hexachlorocyclopentadiene	9.09	237	332980	74.34	ng	99

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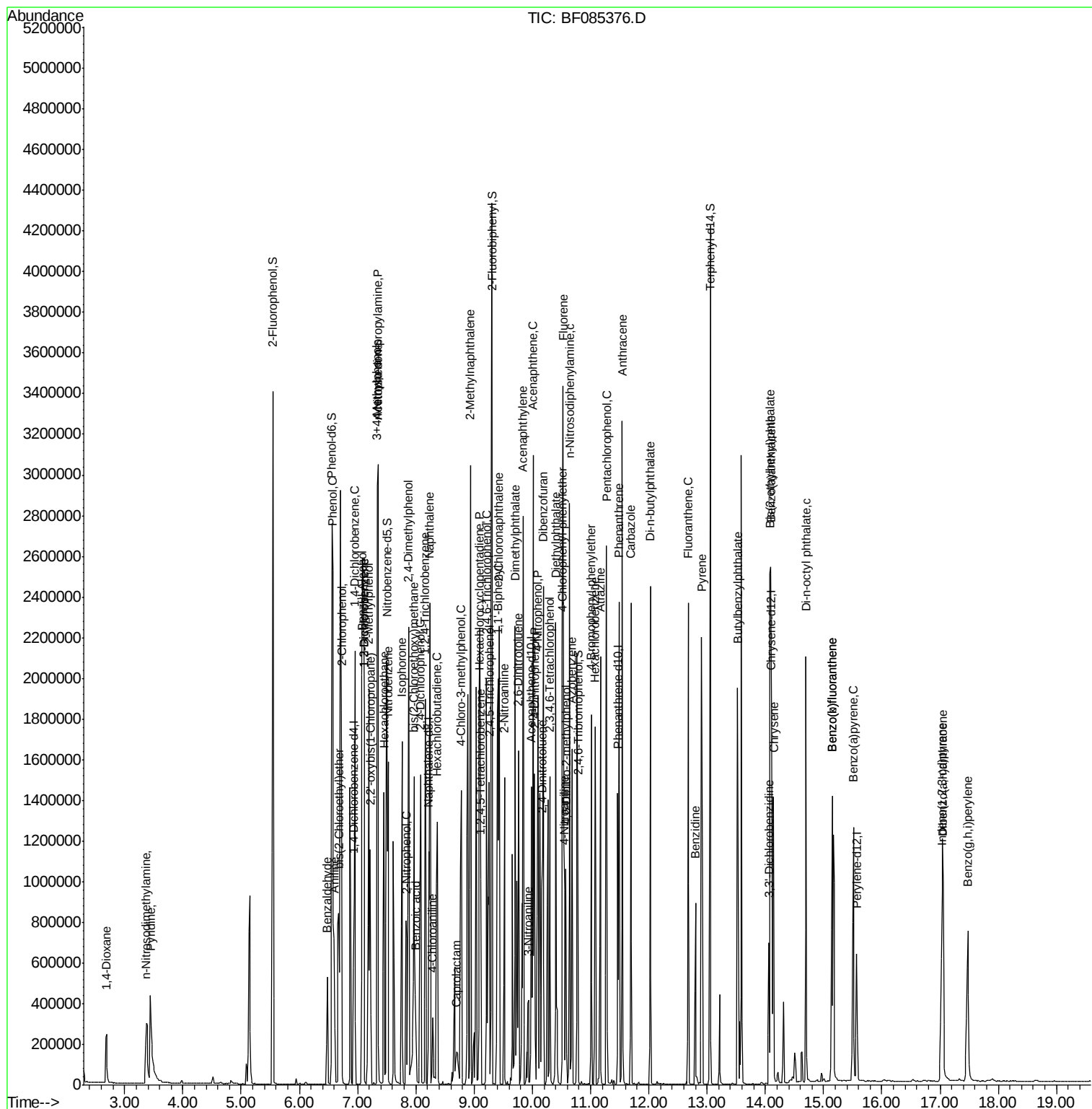
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	250398	40.51	ng	97
43) 2,4,5-Trichlorophenol	9.26	196	262110	44.72	ng #	93
45) 1,1'-Biphenyl	9.41	154	960971	38.74	ng	92
46) 2-Chloronaphthalene	9.43	162	772939	40.87	ng	98
47) 2-Nitroaniline	9.52	65	253034	43.18	ng #	82
48) Acenaphthylene	9.84	152	1137618	38.65	ng	99
49) Dimethylphthalate	9.70	163	919757	41.27	ng	100
50) 2,6-Dinitrotoluene	9.76	165	178195	37.37	ng #	85
51) Acenaphthene	10.01	154	774278	43.33	ng	98
52) 3-Nitroaniline	9.93	138	105387	18.47	ng	91
53) 2,4-Dinitrophenol	10.04	184	184468	76.62	ng #	59
54) Dibenzofuran	10.18	168	981184	41.91	ng	98
55) 4-Nitrophenol	10.09	139	333203	74.33	ng #	76
56) 2,4-Dinitrotoluene	10.17	165	280895	46.03	ng #	70
57) Fluorene	10.53	166	724118	39.37	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.30	232	186052	45.18	ng	99
59) Diethylphthalate	10.40	149	850964	39.35	ng	96
60) 4-Chlorophenyl-phenylether	10.52	204	358861	40.10	ng	88
61) 4-Nitroaniline	10.55	138	220042	41.24	ng	94
62) Azobenzene	10.68	77	931145	43.70	ng	95
64) 4,6-Dinitro-2-methylphenol	10.57	198	120436	37.83	ng #	55
65) n-Nitrosodiphenylamine	10.64	169	727693	44.01	ng	99
66) 4-Bromophenyl-phenylether	11.01	248	208454	40.38	ng #	80
67) Hexachlorobenzene	11.08	284	214005	38.86	ng #	76
68) Atrazine	11.17	200	231928	50.43	ng	98
69) Pentachlorophenol	11.27	266	252562	82.62	ng	99
70) Phenanthrene	11.49	178	1149932	41.27	ng	98
71) Anthracene	11.54	178	1198424	40.52	ng	99
72) Carbazole	11.69	167	986023	38.02	ng	98
73) Di-n-butylphthalate	12.02	149	1246037	38.01	ng	100
74) Fluoranthene	12.68	202	1063537	38.04	ng	96
76) Benzidine	12.80	184	402103	41.86	ng	98
77) Pyrene	12.91	202	1085448	44.68	ng	99
79) Butylbenzylphthalate	13.52	149	512129	46.46	ng	99
80) Benzo(a)anthracene	14.09	228	761603	39.41	ng	100
81) 3,3'-Dichlorobenzidine	14.06	252	140296	23.01	ng #	95
82) Chrysene	14.14	228	730110	40.90	ng	100
83) Bis(2-ethylhexyl)phthalate	14.08	149	684356	47.18	ng #	99
84) Di-n-octyl phthalate	14.70	149	1076483	48.72	ng	98
85) Indeno(1,2,3-cd)pyrene	17.03	276	726745	52.17	ng	98
87) Benzo(b)fluoranthene	15.15	252	666956	37.56	ng #	96
88) Benzo(k)fluoranthene	15.15	252	666956	46.57	ng	98
89) Benzo(a)pyrene	15.51	252	635317	43.18	ng	99
90) Dibenzo(a,h)anthracene	17.05	278	602289	47.95	ng	96
91) Benzo(g,h,i)perylene	17.48	276	614651	48.67	ng	99

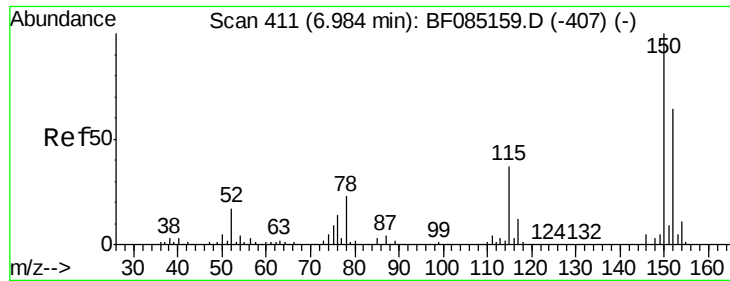
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 407

Delta R.T. -0.05 min

Lab File: BF085376.D

Acq: 11 Mar 2016 17:07

Instrument :

BNA_F

ClientSampleId :

PB88797BSD

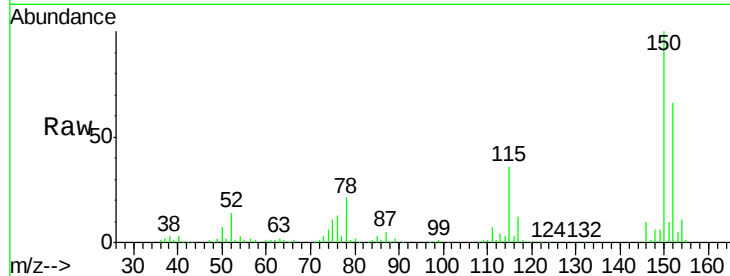
Tgt Ion:152 Resp: 158259

Ion Ratio Lower Upper

152 100

150 152.6 124.6 186.8

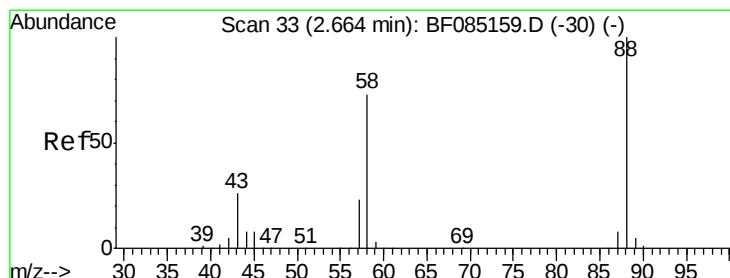
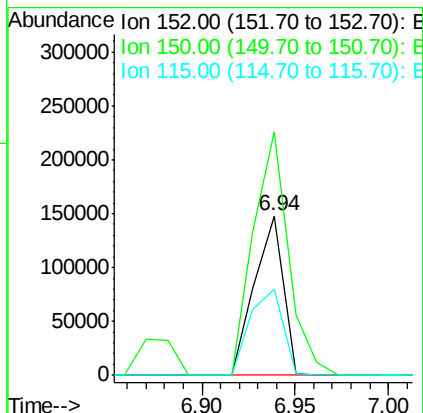
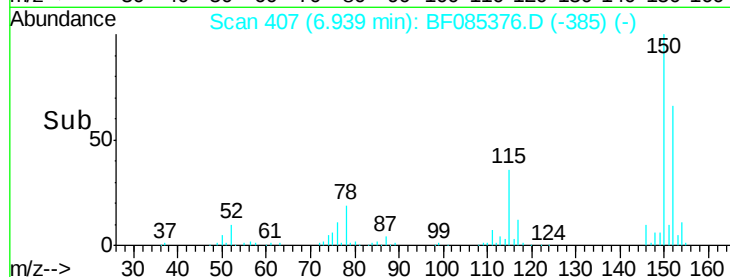
115 54.4 46.6 70.0



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



#2

1,4-Dioxane

Concen: 32.04 ng

RT: 2.69 min Scan# 35

Delta R.T. 0.02 min

Lab File: BF085376.D

Acq: 11 Mar 2016 17:07

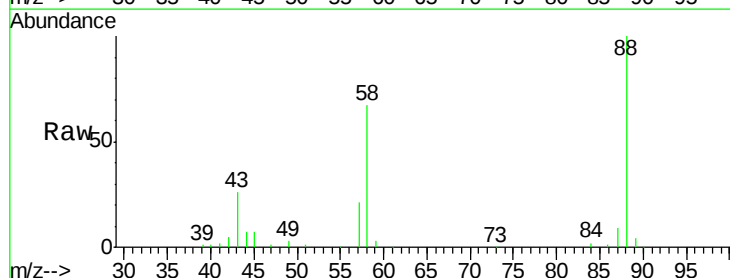
Tgt Ion: 88 Resp: 154605

Ion Ratio Lower Upper

88 100

58 67.6 57.0 85.6

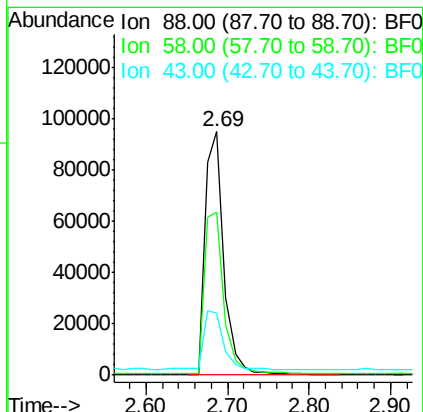
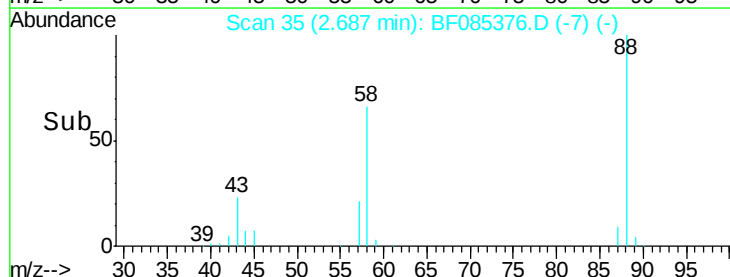
43 25.0 20.5 30.7

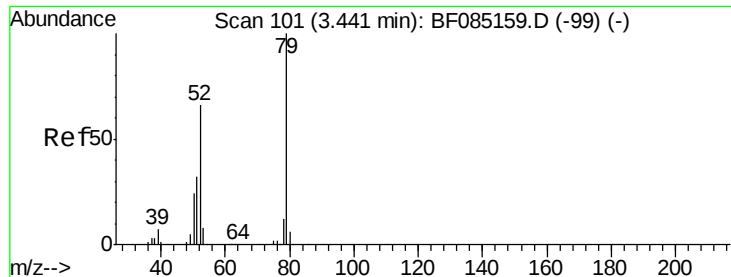


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 31.29 ng

RT: 3.44 min Scan# 101

Delta R.T. 0.00 min

Lab File: BF085376.D

Acq: 11 Mar 2016 17:07

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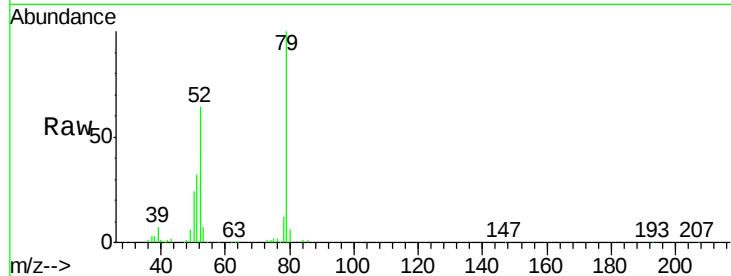
Tgt Ion: 79 Resp: 377870

Ion Ratio Lower Upper

79 100

52 63.7 52.6 79.0

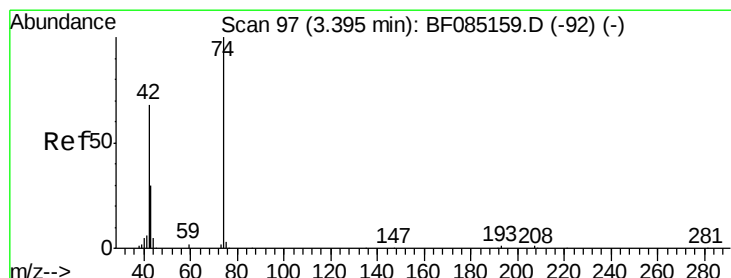
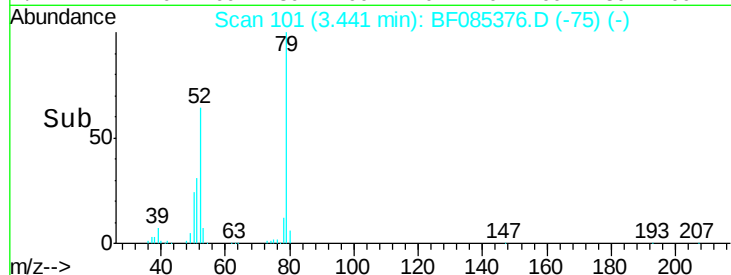
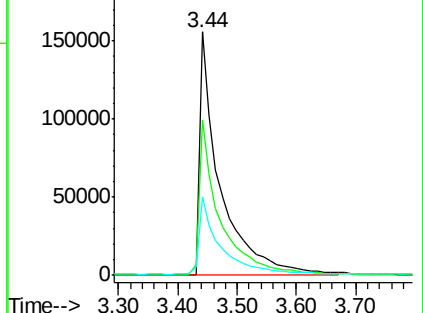
51 32.1 25.8 38.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 38.23 ng

RT: 3.37 min Scan# 95

Delta R.T. -0.02 min

Lab File: BF085376.D

Acq: 11 Mar 2016 17:07

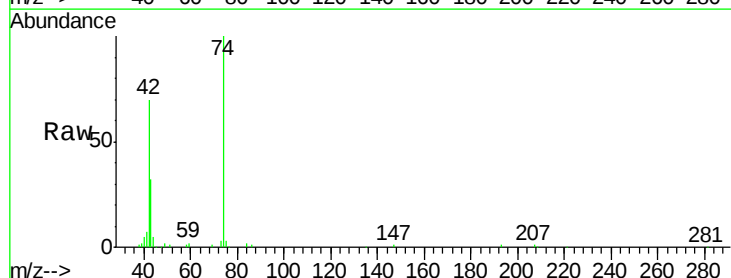
Tgt Ion: 42 Resp: 197568

Ion Ratio Lower Upper

42 100

74 142.5 116.8 175.2

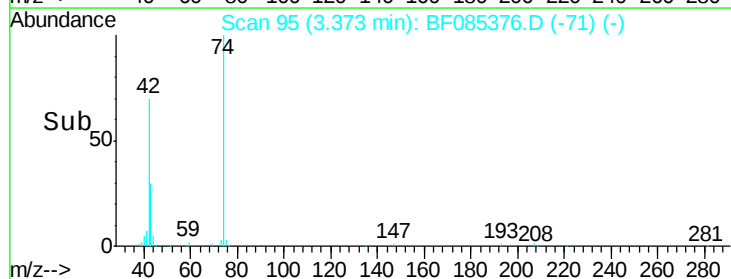
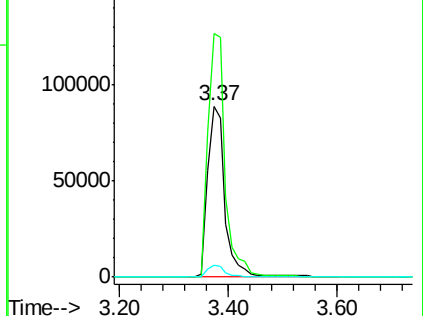
44 6.8 5.5 8.3



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 109.21 ng

RT: 5.54 min Scan# 285

Delta R.T. -0.03 min

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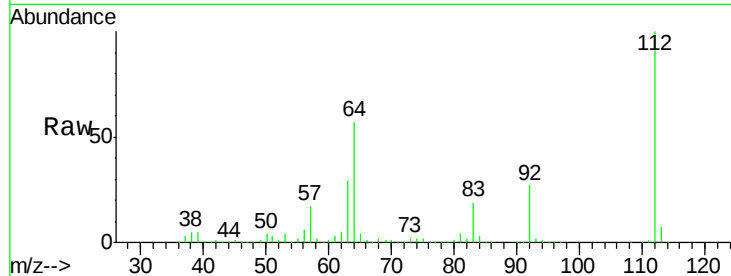
Tgt Ion: 112 Resp: 1030371

Ion Ratio Lower Upper

112 100

64 57.3 49.0 73.4

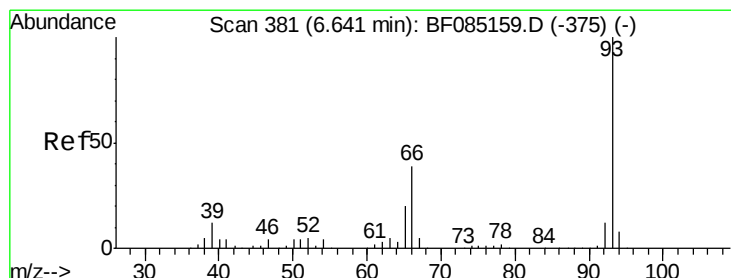
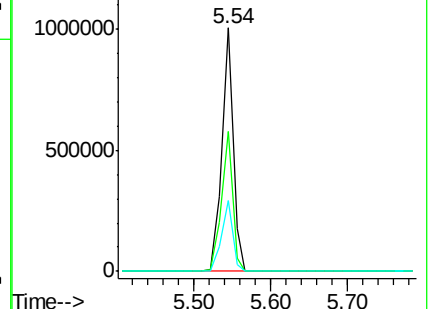
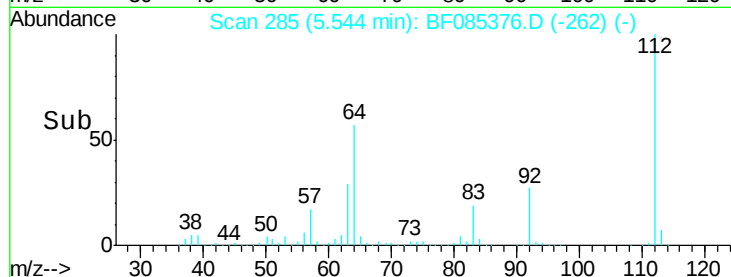
63 28.9 24.8 37.2



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: 20.27 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF085376.D

Acq: 11 Mar 2016 17:07

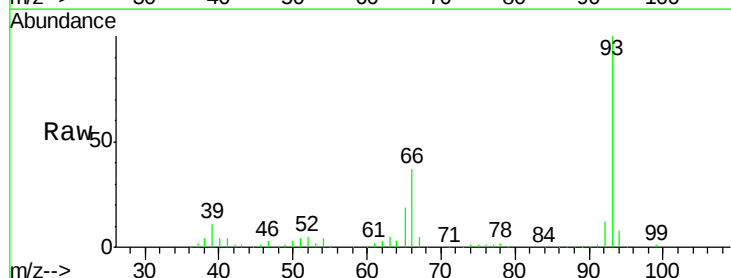
Tgt Ion: 93 Resp: 351109

Ion Ratio Lower Upper

93 100

66 37.2 31.6 47.4

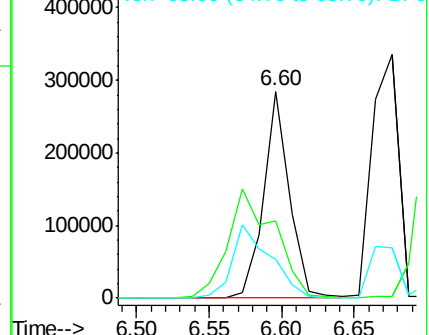
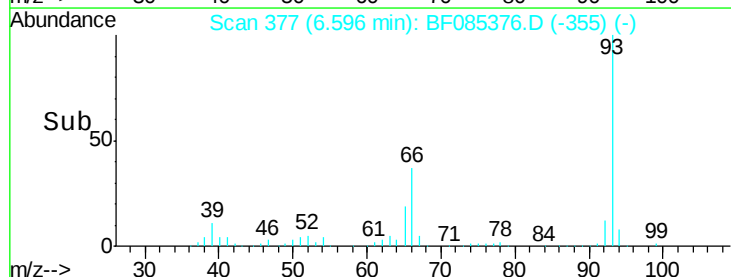
65 18.6 15.8 23.8



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: 118.81 ng

RT: 6.56 min Scan# 374

Delta R.T. -0.05 min

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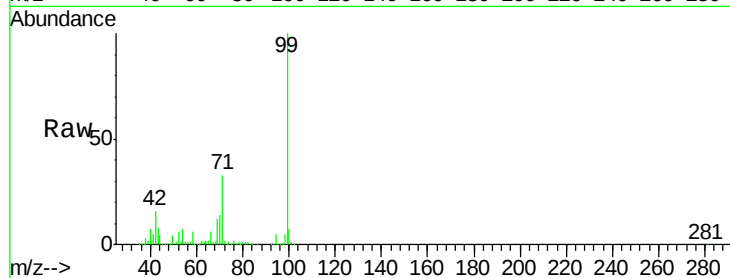
Tgt Ion: 99 Resp: 1468580

Ion Ratio Lower Upper

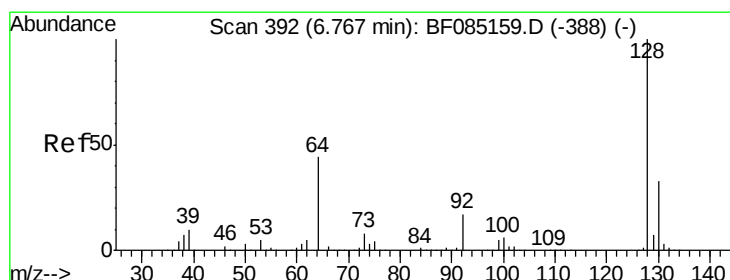
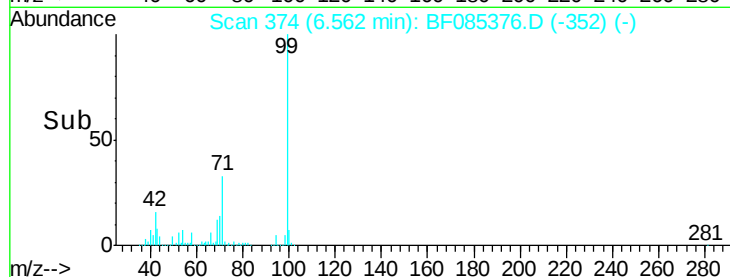
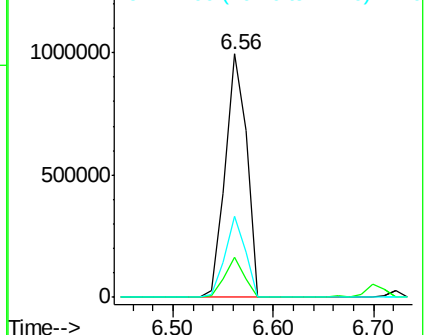
99 100

42 16.3 13.6 20.4

71 33.4 26.7 40.1



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



#8

2-Chlorophenol

Concen: 41.45 ng

RT: 6.72 min Scan# 388

Delta R.T. -0.05 min

Lab File: BF085376.D

Acq: 11 Mar 2016 17:07

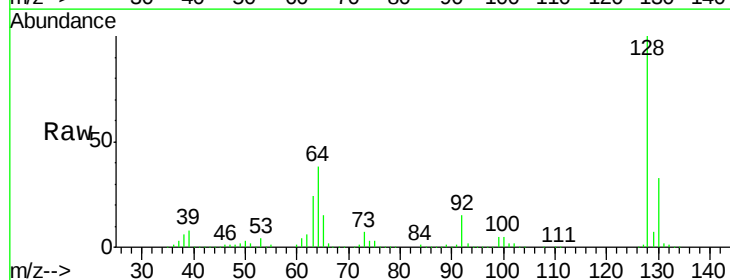
Tgt Ion: 128 Resp: 470784

Ion Ratio Lower Upper

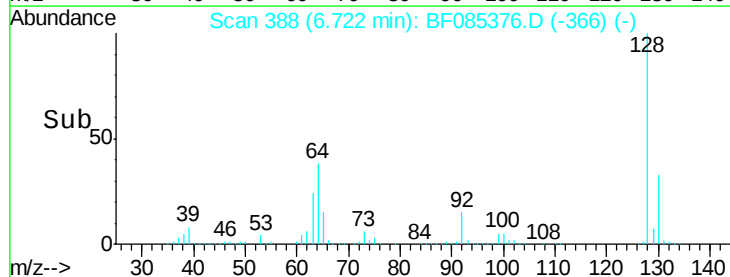
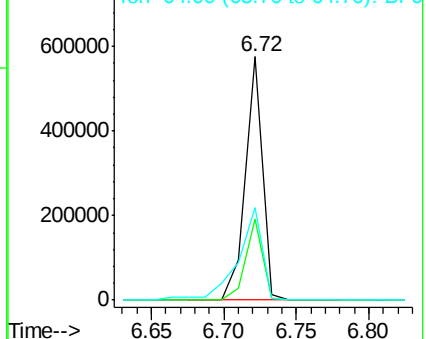
128 100

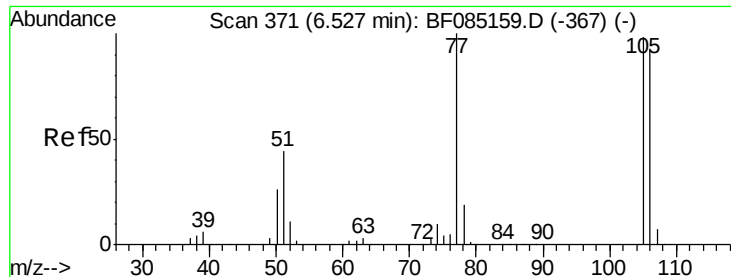
130 33.2 13.3 53.3

64 37.8 25.7 65.7



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





#9

Benzaldehyde

Concen: 15.73 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.05 min

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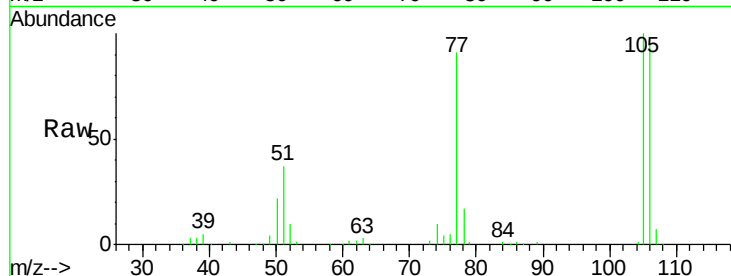
Tgt Ion: 77 Resp: 111256

Ion Ratio Lower Upper

77 100

105 109.7 78.2 118.2

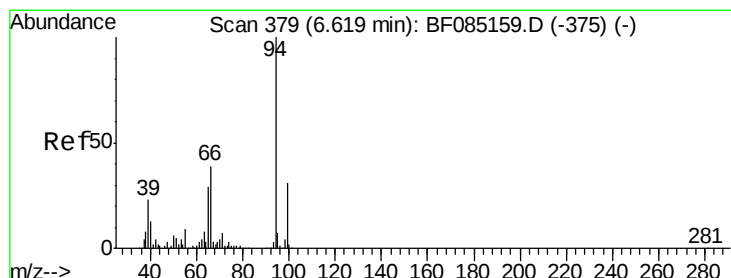
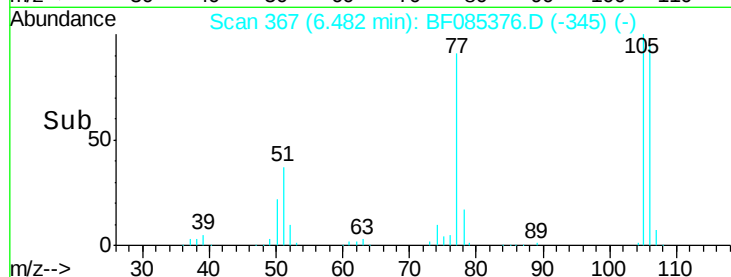
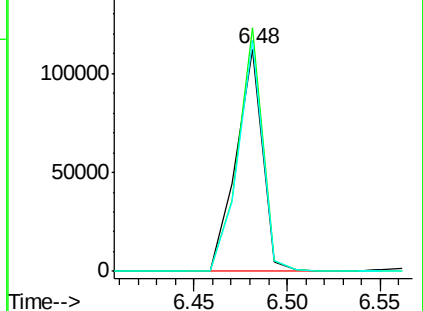
106 104.1 72.9 112.9



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 35.21 ng

RT: 6.57 min Scan# 375

Delta R.T. -0.05 min

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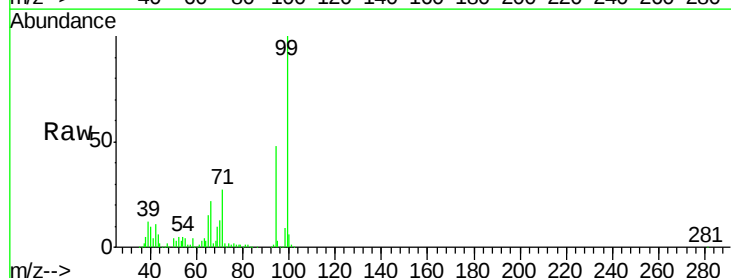
Tgt Ion: 94 Resp: 466087

Ion Ratio Lower Upper

94 100

65 30.7 9.1 49.1

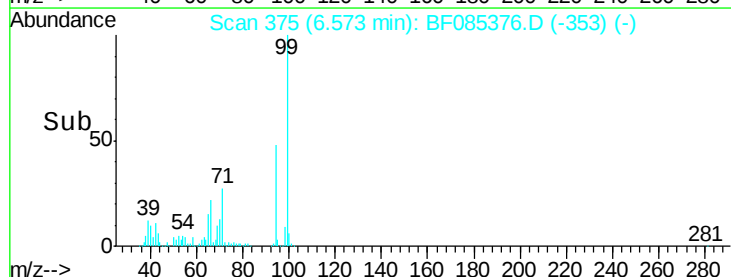
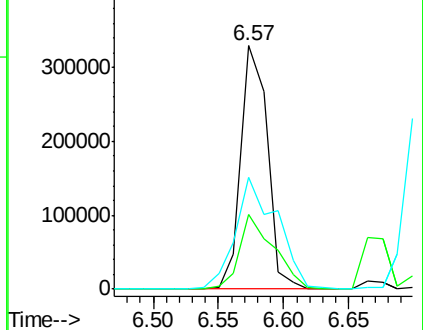
66 45.7 19.3 59.3

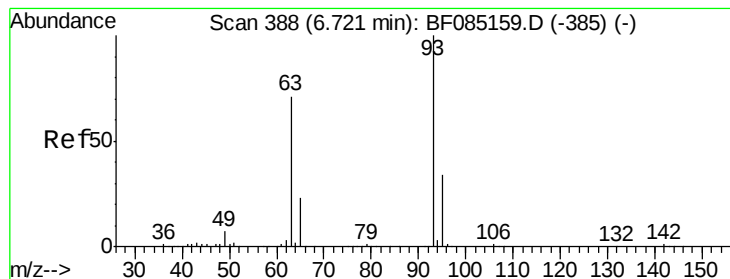


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 38.52 ng

RT: 6.68 min Scan# 384

Delta R.T. -0.05 min

Lab File: BF085376.D

Acq: 11 Mar 2016 17:07

Instrument :

BNA_F

ClientSampleId :

PB88797BSD

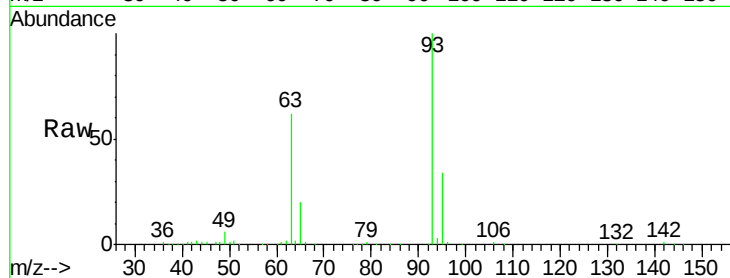
Tgt Ion: 93 Resp: 423604

Ion Ratio Lower Upper

93 100

63 62.3 50.9 90.9

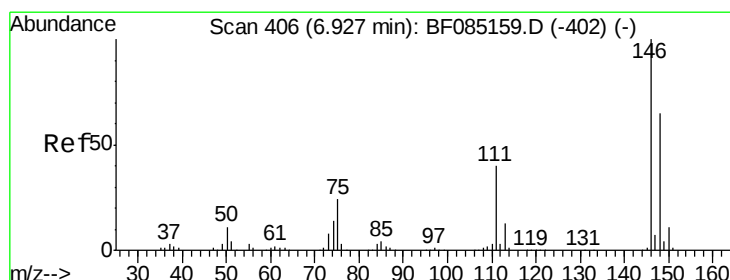
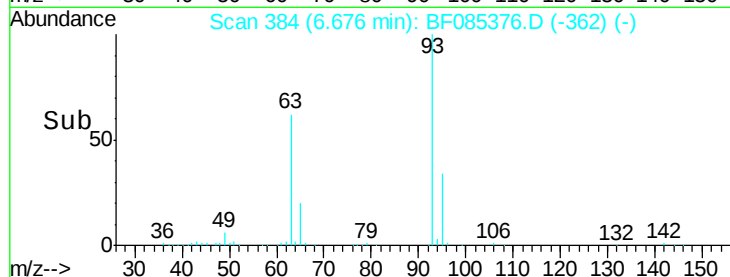
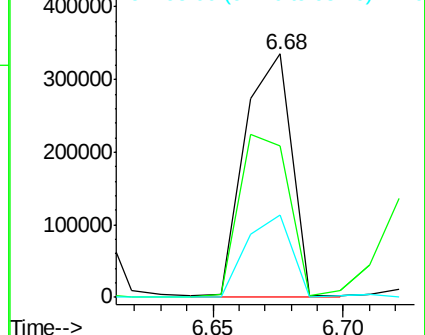
95 33.6 13.7 53.7



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 37.65 ng

RT: 7.11 min Scan# 422

Delta R.T. 0.18 min

Lab File: BF085376.D

Acq: 11 Mar 2016 17:07

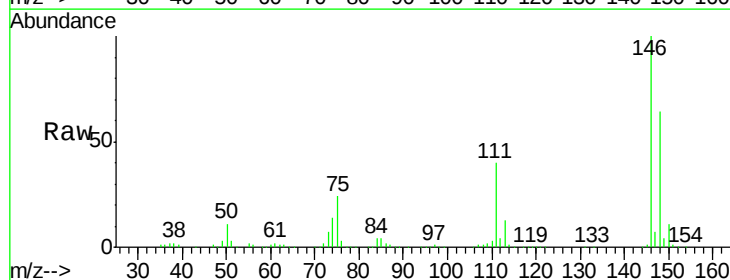
Tgt Ion: 146 Resp: 459091

Ion Ratio Lower Upper

146 100

148 63.6 52.1 78.1

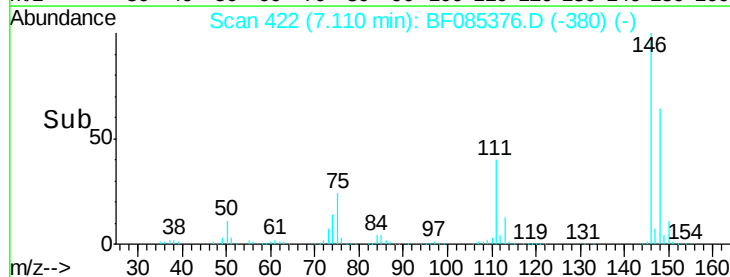
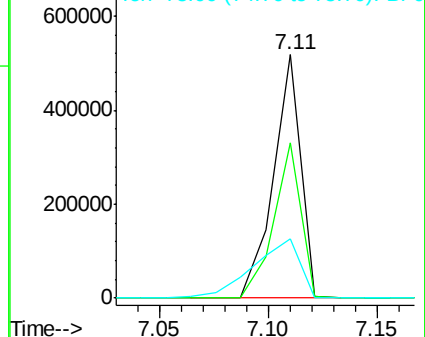
75 24.4 19.5 29.3

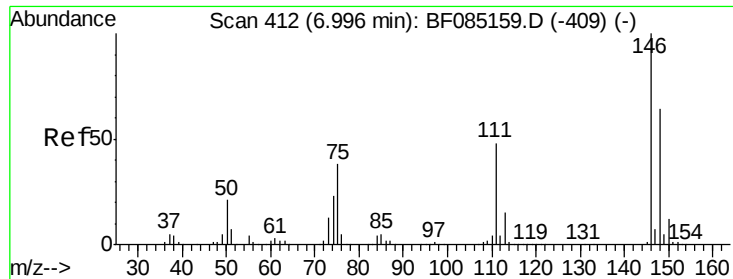


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

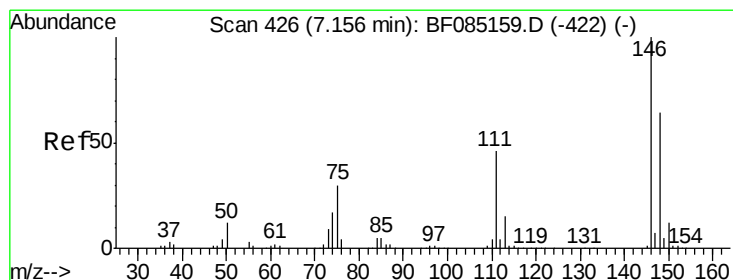
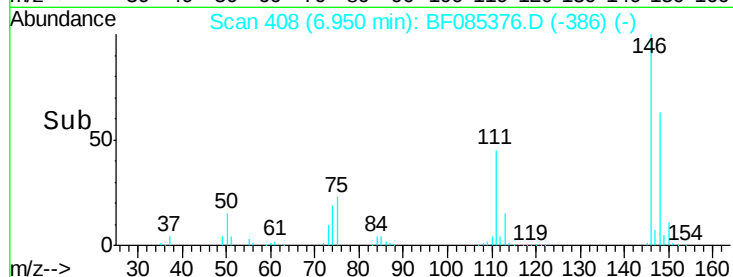
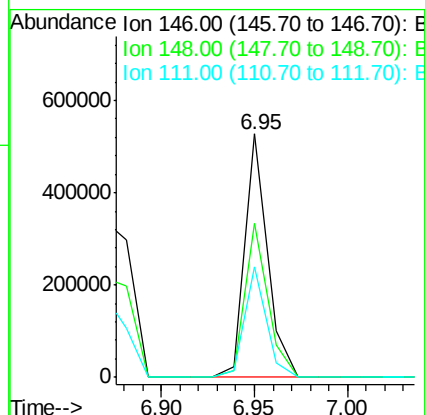
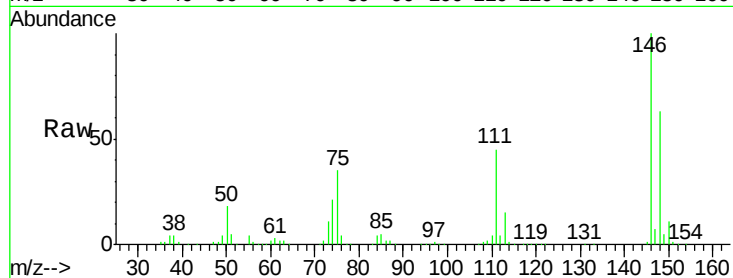




#13
 1,4-Dichlorobenzene
 Concen: 36.62 ng
 RT: 6.95 min Scan# 408
 Delta R.T. -0.05 min
 Lab File: BF085376.D
 Acq: 11 Mar 2016 17:07

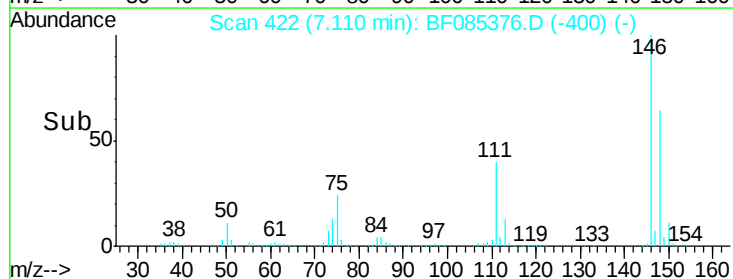
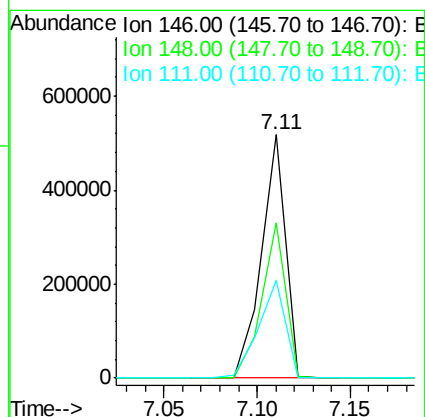
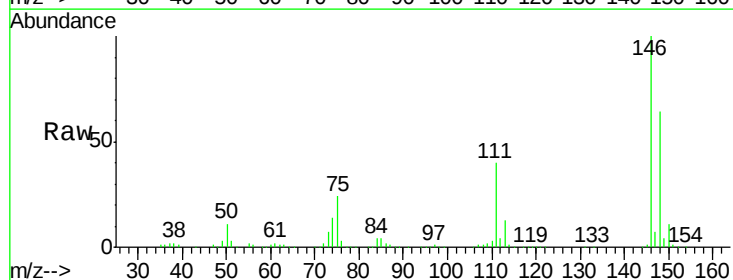
Instrument :
 BNA_F
 ClientSampleId :
 PB88797BSD

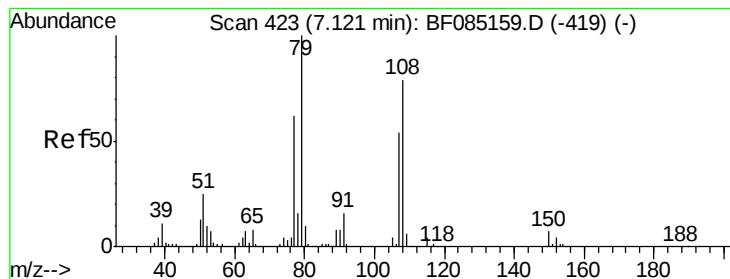
Tgt Ion:146 Resp: 447603
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.3 76.9
 111 45.4 38.4 57.6



#14
 1,2-Dichlorobenzene
 Concen: 41.40 ng
 RT: 7.11 min Scan# 422
 Delta R.T. -0.05 min
 Lab File: BF085376.D
 Acq: 11 Mar 2016 17:07

Tgt Ion:146 Resp: 459107
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.4 77.2
 111 40.3 36.7 55.1





#15

Benzyl Alcohol

Concen: 41.62 ng

RT: 7.08 min Scan# 419

Delta R.T. -0.05 min

Lab File: BF085376.D

Acq: 11 Mar 2016 17:07

Instrument :

BNA_F

ClientSampleId :

PB88797BSD

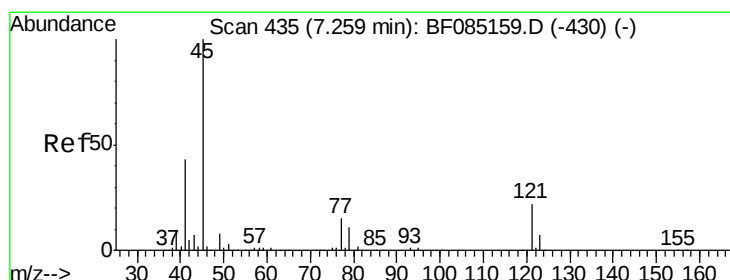
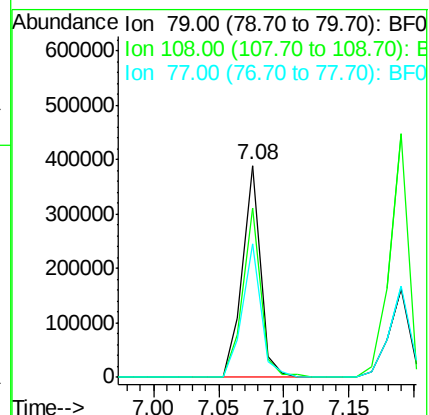
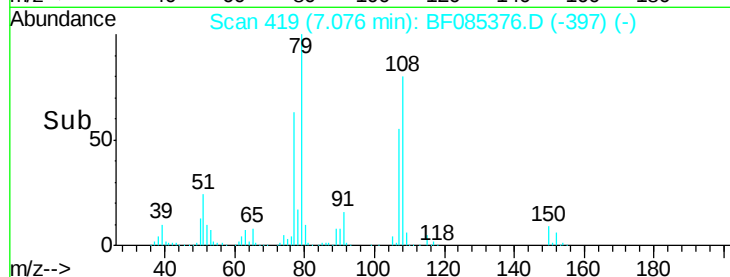
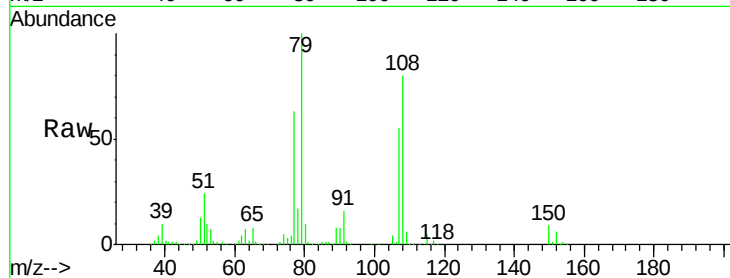
Tgt Ion: 79 Resp: 377700

Ion Ratio Lower Upper

79 100

108 80.0 62.9 94.3

77 63.1 49.5 74.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.92 ng

RT: 7.21 min Scan# 431

Delta R.T. -0.05 min

Lab File: BF085376.D

Acq: 11 Mar 2016 17:07

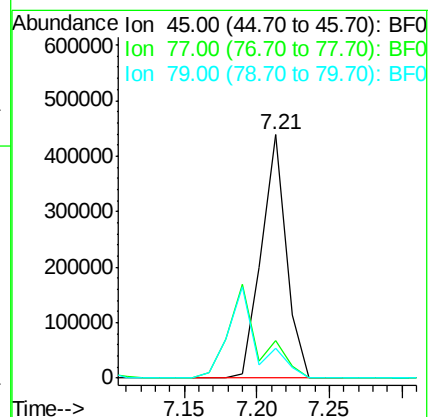
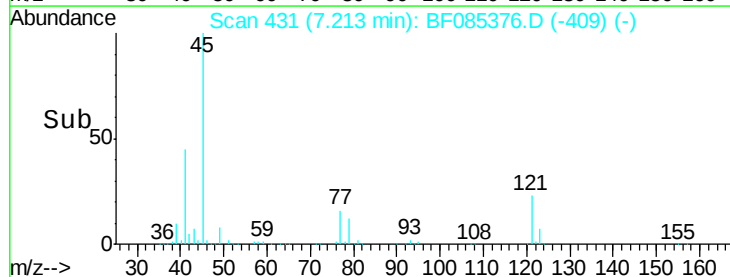
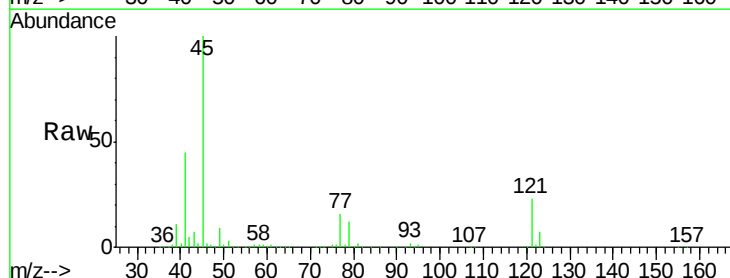
Tgt Ion: 45 Resp: 521830

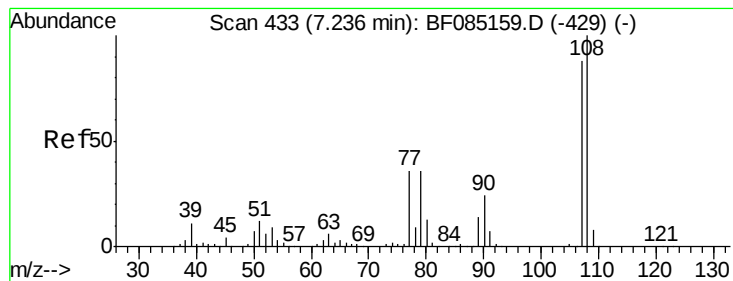
Ion Ratio Lower Upper

45 100

77 15.6 0.0 35.1

79 12.1 0.0 31.3





#17

2-Methylphenol

Concen: 41.29 ng

RT: 7.19 min Scan# 429

Delta R.T. -0.05 min

Lab File: BF085376.D

Acq: 11 Mar 2016 17:07

Instrument :

BNA_F

ClientSampleId :

PB88797BSD

Tgt Ion:107 Resp: 382691

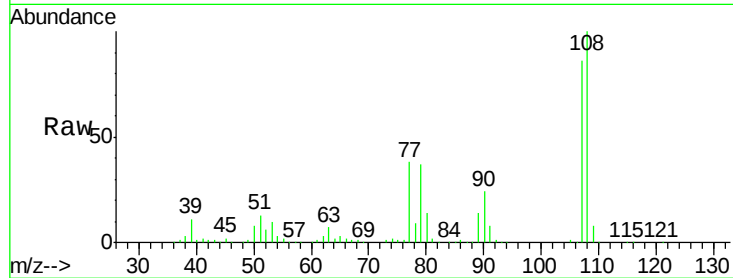
Ion Ratio Lower Upper

107 100

108 116.5 90.9 136.3

77 44.0 32.6 48.8

79 42.6 32.8 49.2

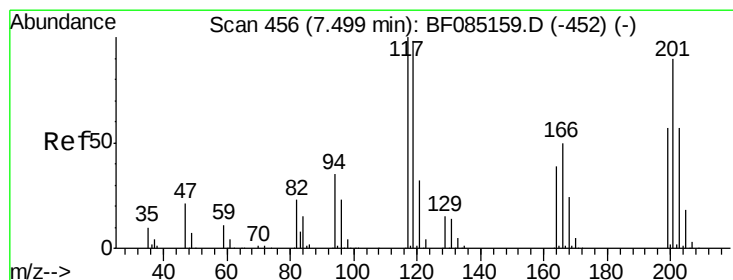
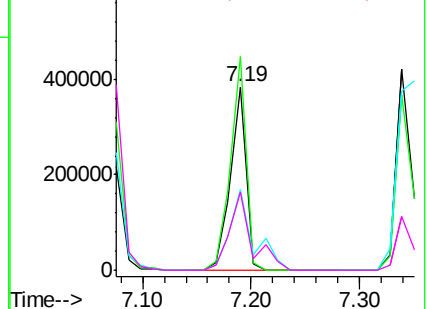
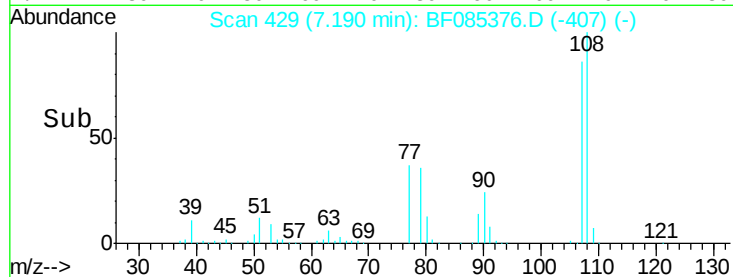


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.52 ng

RT: 7.45 min Scan# 452

Delta R.T. -0.05 min

Lab File: BF085376.D

Acq: 11 Mar 2016 17:07

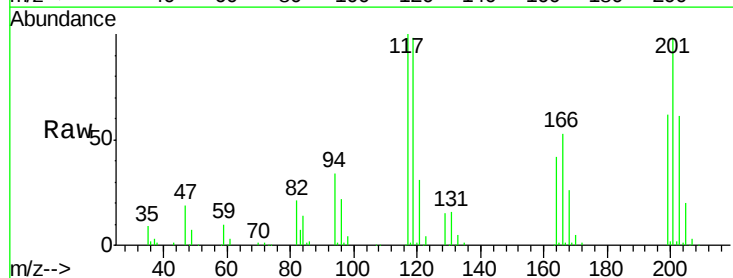
Tgt Ion:117 Resp: 178202

Ion Ratio Lower Upper

117 100

119 97.6 78.2 117.4

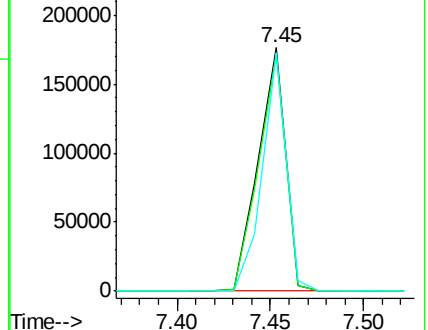
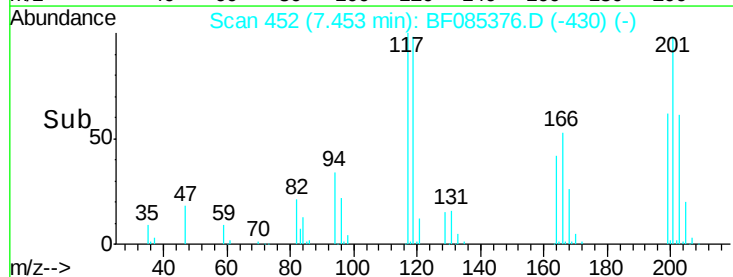
201 98.1 72.0 108.0



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

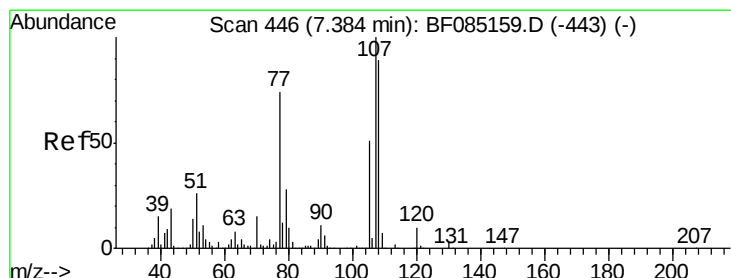
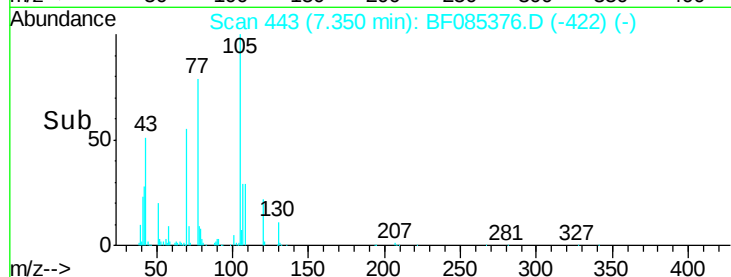
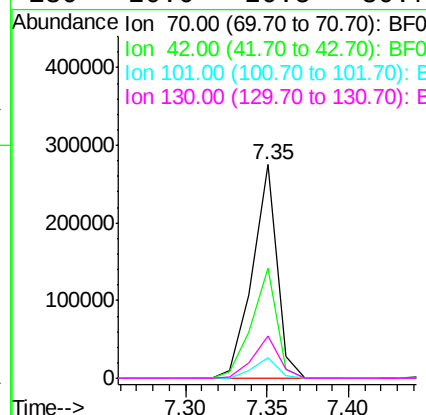
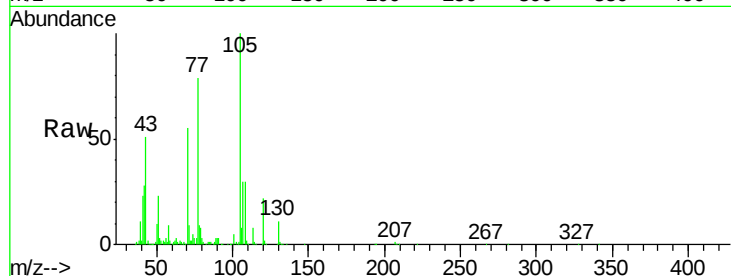




#19
n-Nitroso-di-n-propylamine
Concen: 35.95 ng
RT: 7.35 min Scan# 443
Delta R.T. -0.06 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

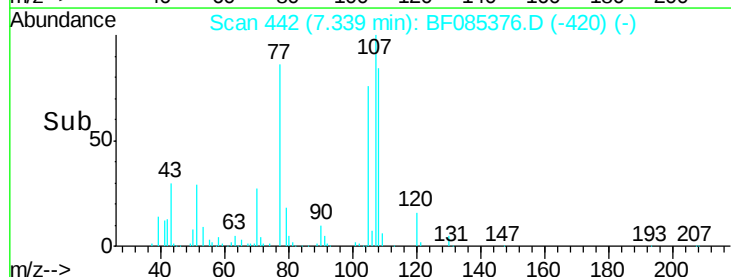
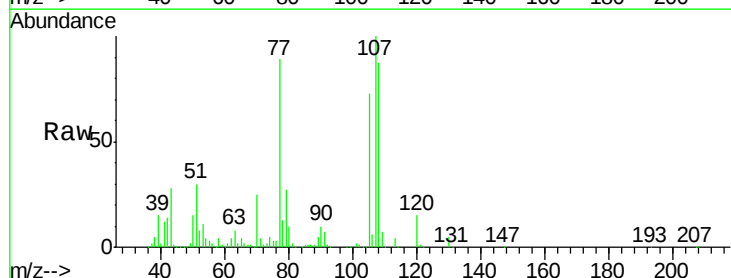
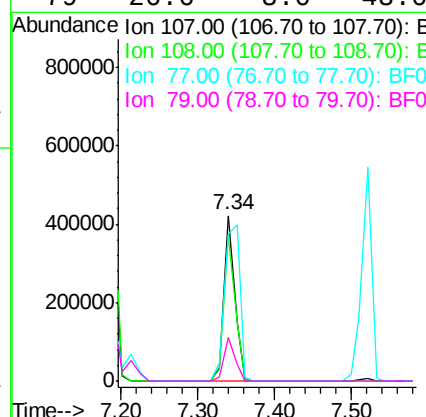
Instrument :
BNA_F
ClientSampleId :
PB88797BSD

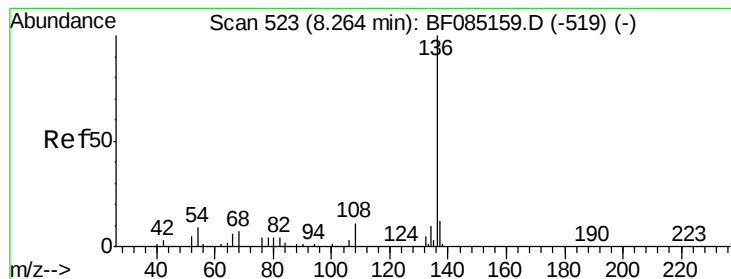
Tgt Ion	Ratio	Lower	Upper
70	100		
42	51.7	37.7	56.5
101	9.3	8.2	12.4
130	20.0	20.5	30.7#



#20
3+4-Methylphenols
Concen: 38.44 ng
RT: 7.34 min Scan# 442
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.5	68.8	108.8
77	89.1	53.6	93.6
79	26.6	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: BF085376.D

Acq: 11 Mar 2016 17:07

Instrument :

BNA_F

ClientSampleId :

PB88797BSD

Tgt Ion:136 Resp: 618179

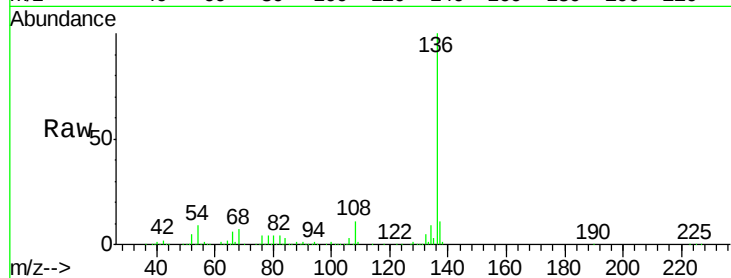
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 8.5 7.4 11.2

68 6.8 6.0 9.0

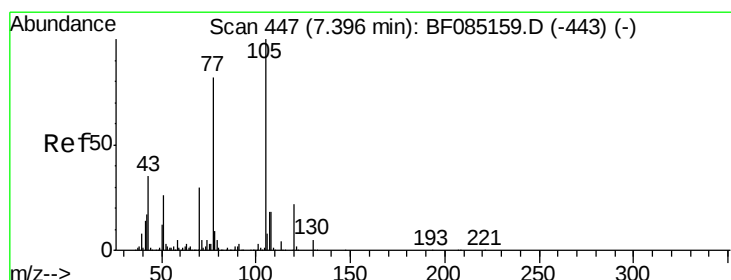
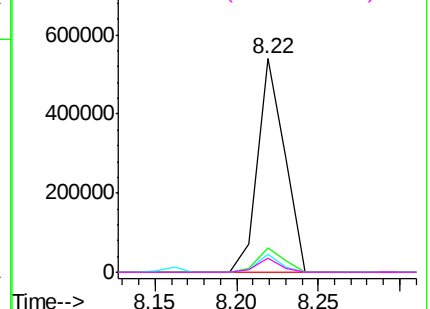
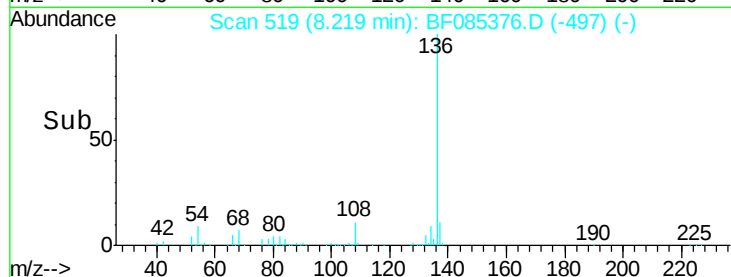


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 39.17 ng

RT: 7.35 min Scan# 443

Delta R.T. -0.05 min

Lab File: BF085376.D

Acq: 11 Mar 2016 17:07

Tgt Ion:105 Resp: 591038

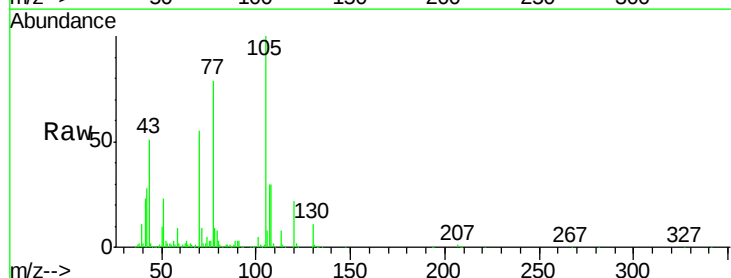
Ion Ratio Lower Upper

105 100

71 9.2 4.1 6.1#

51 23.1 21.1 31.7

120 22.2 17.3 25.9

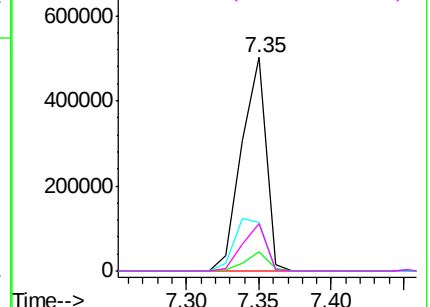
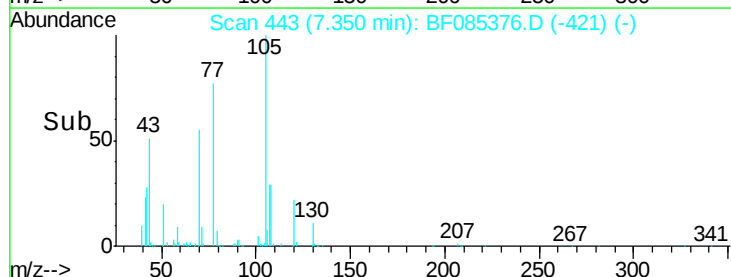


Abundance Ion 105.00 (104.70 to 105.70): E

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

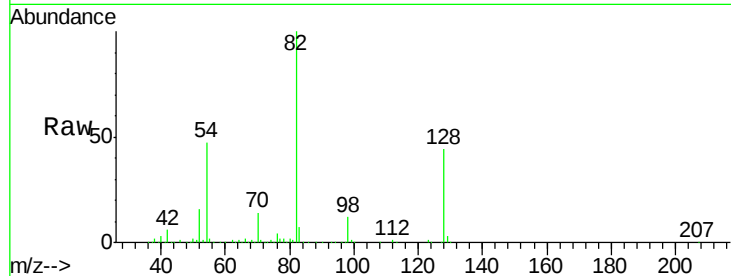




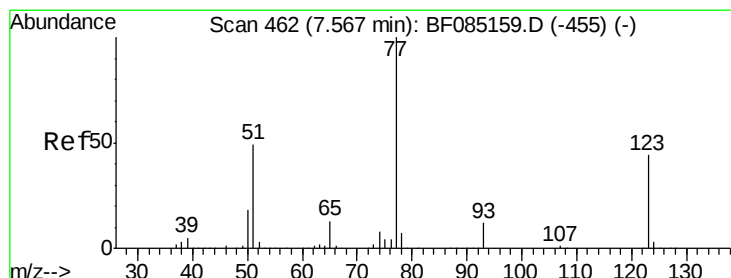
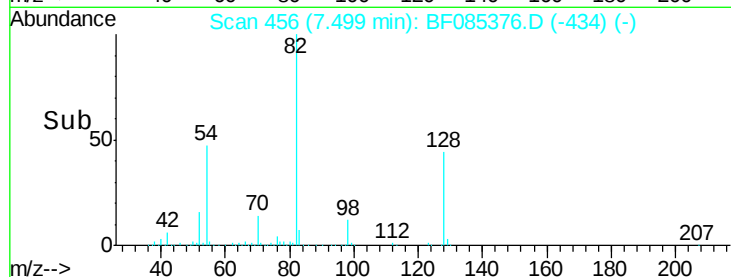
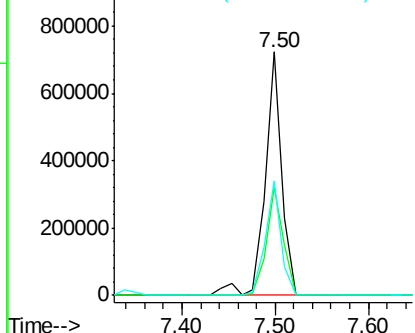
#23
 Nitrobenzene-d5
 Concen: 77.74 ng
 RT: 7.50 min Scan# 456
 Delta R.T. -0.05 min
 Lab File: BF085376.D
 Acq: 11 Mar 2016 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB88797BSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.5	51.7
54	47.1	39.3	58.9

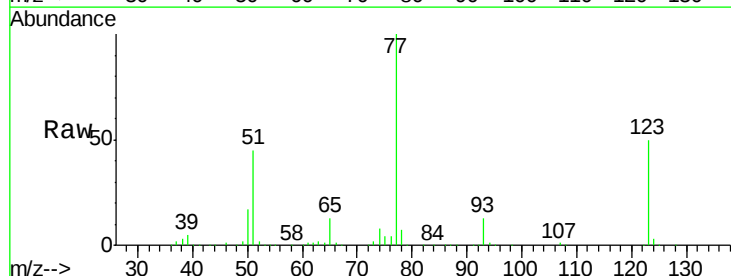


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

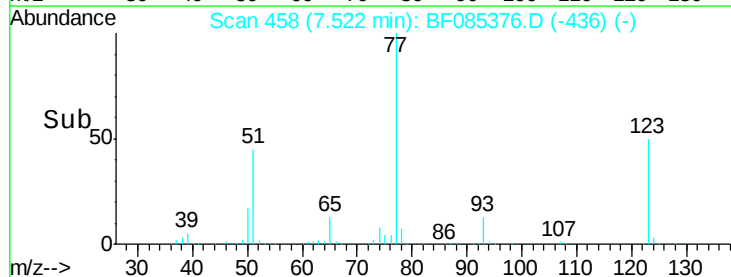
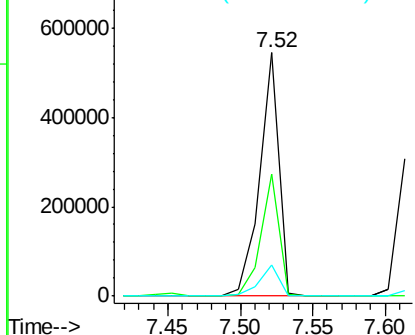


#24
 Nitrobenzene
 Concen: 42.73 ng
 RT: 7.52 min Scan# 458
 Delta R.T. -0.05 min
 Lab File: BF085376.D
 Acq: 11 Mar 2016 17:07

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.2	35.4	53.2
65	12.9	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: 40.05 ng

RT: 7.76 min Scan# 479

Delta R.T. -0.05 min

Lab File: BF085376.D

Acq: 11 Mar 2016 17:07

Instrument :

BNA_F

ClientSampleId :

PB88797BSD

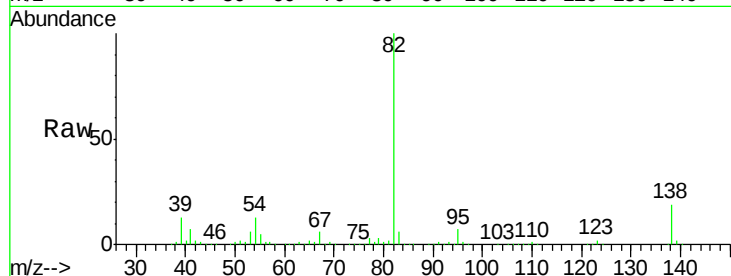
Tgt Ion: 82 Resp: 857412

Ion Ratio Lower Upper

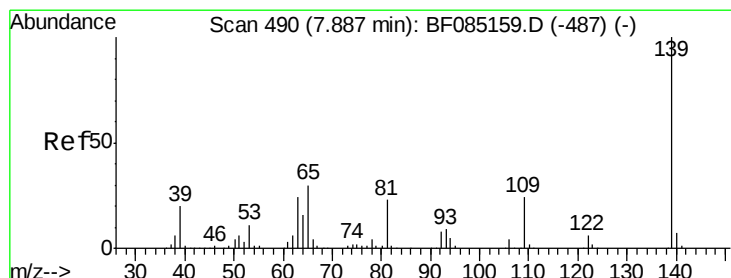
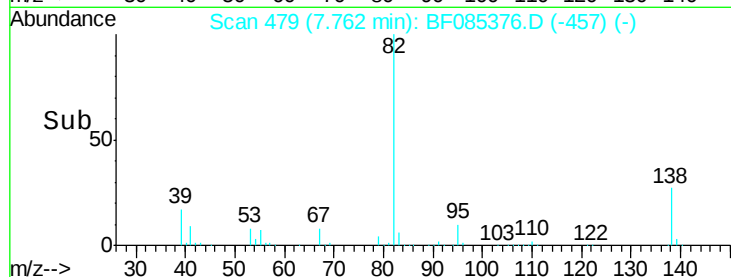
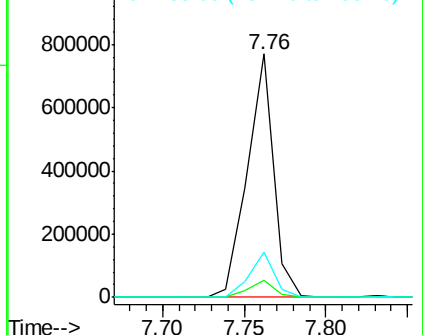
82 100

95 7.2 5.4 8.2

138 18.7 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: 41.16 ng

RT: 7.84 min Scan# 486

Delta R.T. -0.05 min

Lab File: BF085376.D

Acq: 11 Mar 2016 17:07

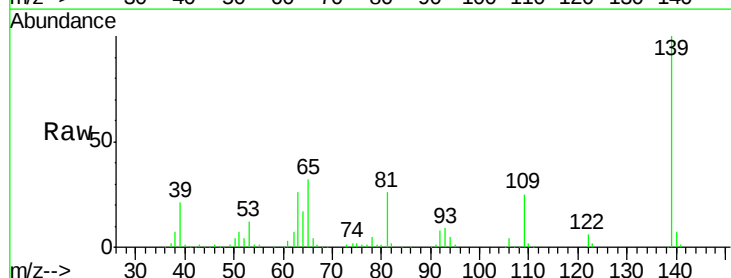
Tgt Ion: 139 Resp: 235082

Ion Ratio Lower Upper

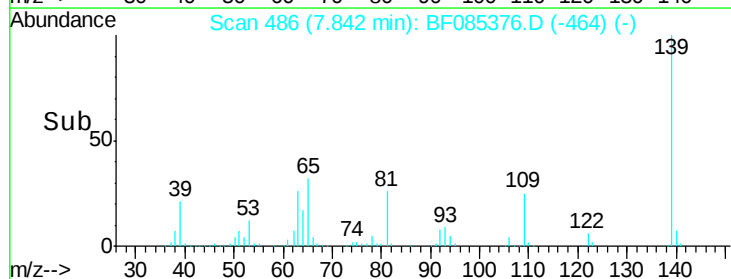
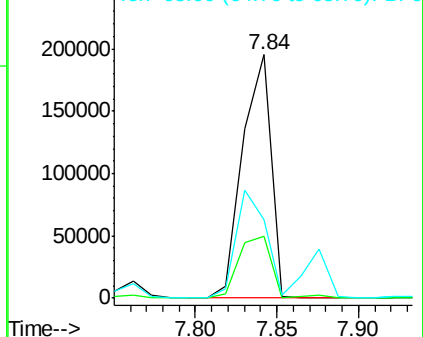
139 100

109 25.2 19.1 28.7

65 32.0 23.9 35.9



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





#27

2,4-Dimethylphenol

Concen: 43.62 ng

RT: 7.88 min Scan# 489

Delta R.T. -0.05 min

Lab File: BF085376.D

Acq: 11 Mar 2016 17:07

Instrument :

BNA_F

ClientSampleId :

PB88797BSD

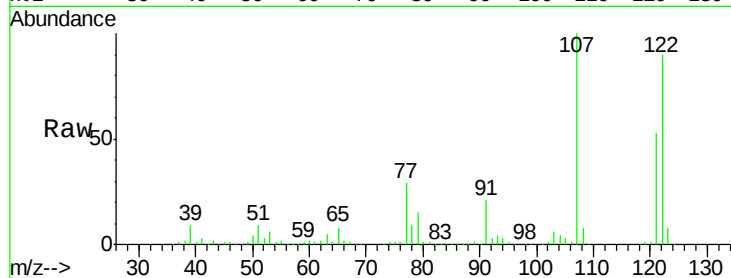
Tgt Ion:122 Resp: 455229

Ion Ratio Lower Upper

122 100

107 110.9 84.8 127.2

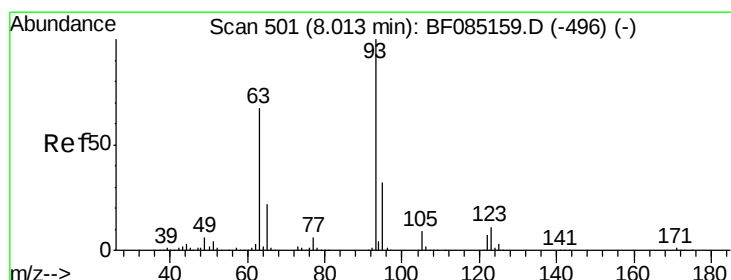
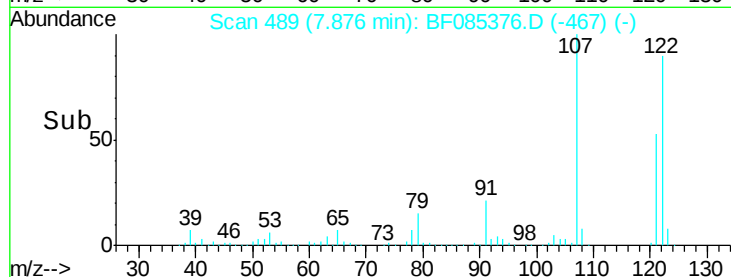
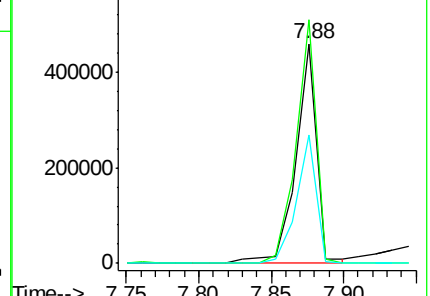
121 58.6 47.0 70.6



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: 41.52 ng

RT: 7.97 min Scan# 497

Delta R.T. -0.05 min

Lab File: BF085376.D

Acq: 11 Mar 2016 17:07

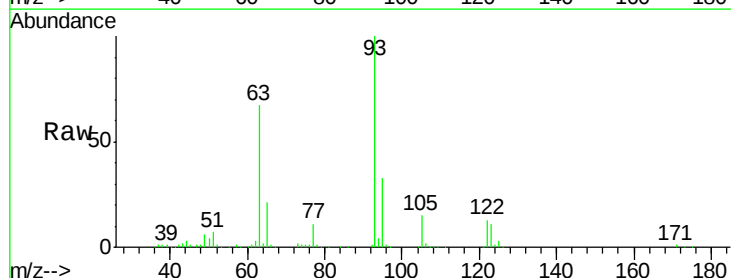
Tgt Ion: 93 Resp: 495072

Ion Ratio Lower Upper

93 100

95 33.0 25.9 38.9

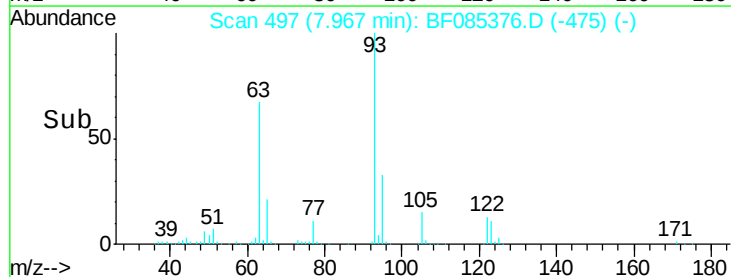
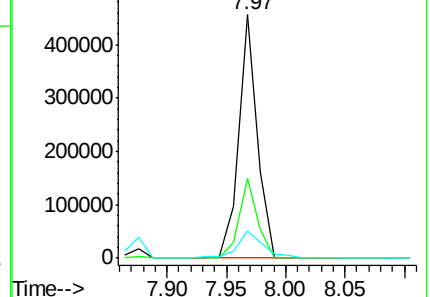
123 11.1 8.8 13.2

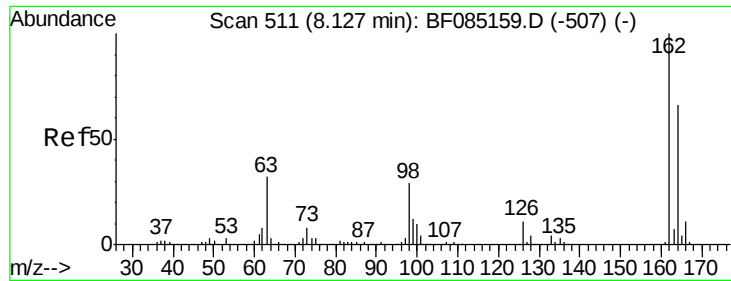


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

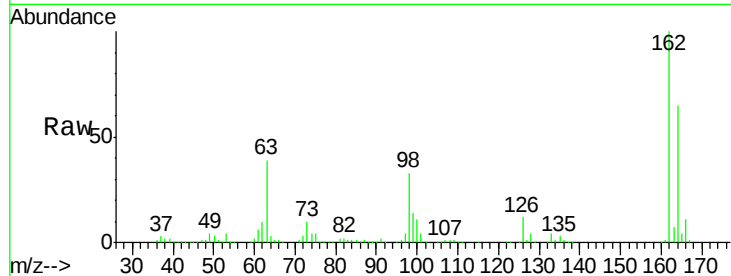




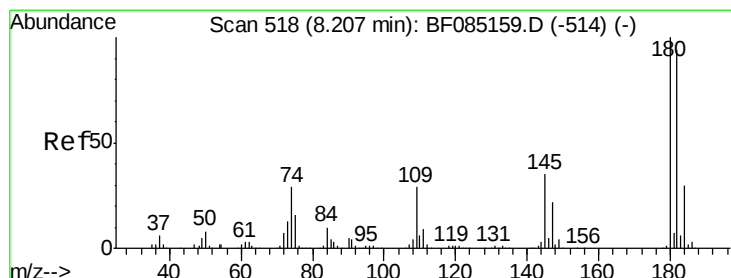
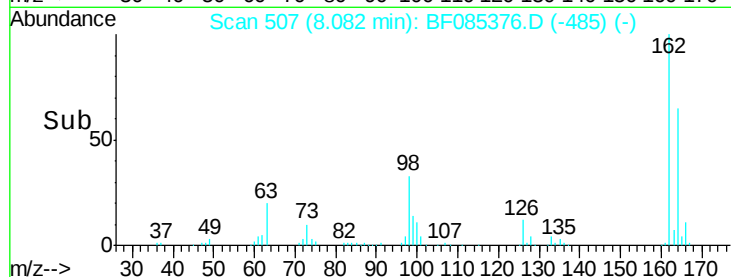
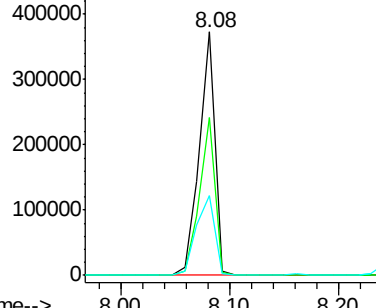
#29
 2,4-Dichlorophenol
 Concen: 43.95 ng
 RT: 8.08 min Scan# 507
 Delta R.T. -0.05 min
 Lab File: BF085376.D
 Acq: 11 Mar 2016 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB88797BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.9	45.7	85.7
98	32.6	9.4	49.4

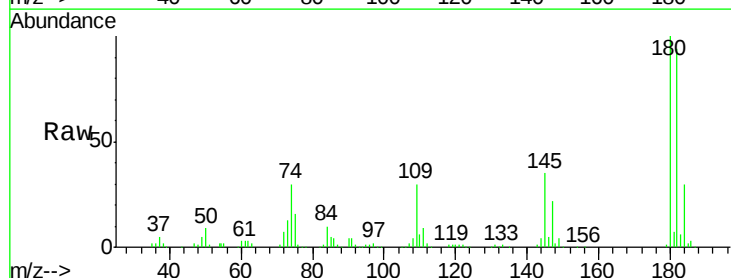


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

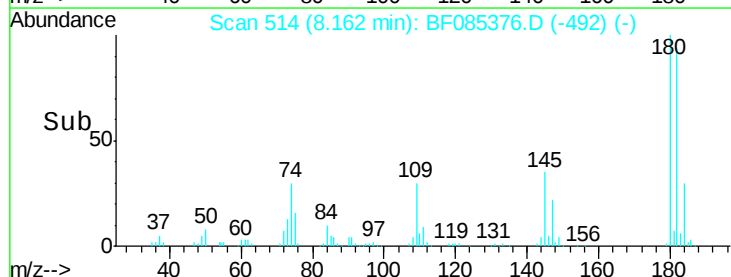
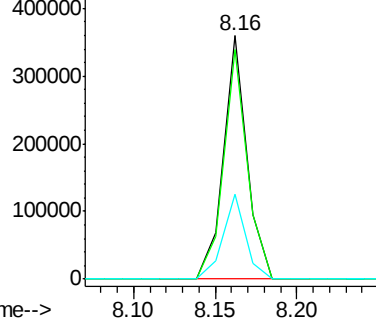


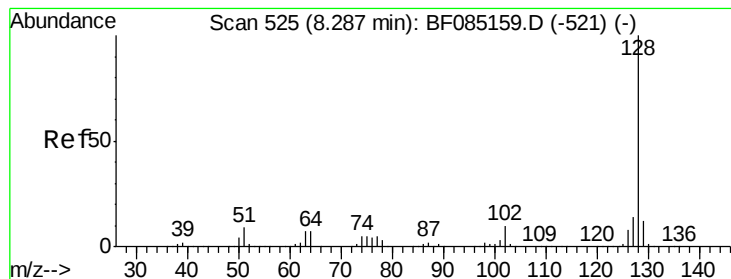
#30
 1,2,4-Trichlorobenzene
 Concen: 39.58 ng
 RT: 8.16 min Scan# 514
 Delta R.T. -0.05 min
 Lab File: BF085376.D
 Acq: 11 Mar 2016 17:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	74.9	112.3
145	34.7	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: 39.00 ng

RT: 8.24 min Scan# 521

Delta R.T. -0.05 min

Lab File: BF085376.D

Acq: 11 Mar 2016 17:07

Instrument :

BNA_F

ClientSampleId :

PB88797BSD

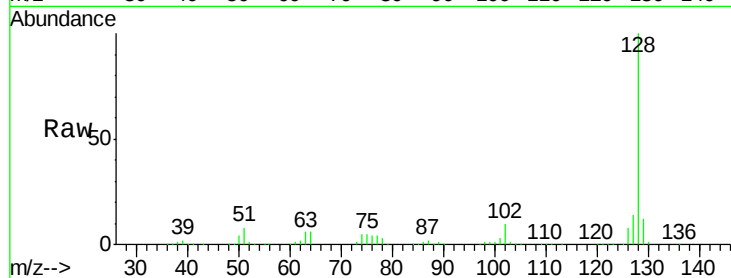
Tgt Ion:128 Resp: 1185363

Ion Ratio Lower Upper

128 100

129 11.7 9.7 14.5

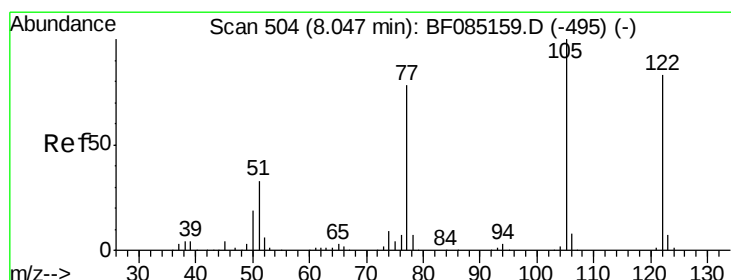
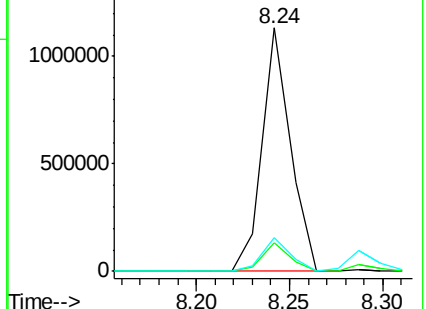
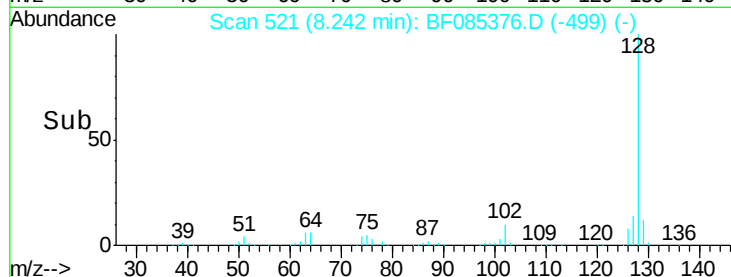
127 13.7 11.2 16.8



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: 42.93 ng

RT: 7.99 min Scan# 499

Delta R.T. -0.06 min

Lab File: BF085376.D

Acq: 11 Mar 2016 17:07

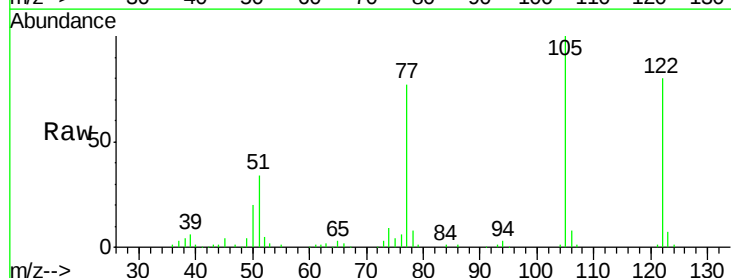
Tgt Ion:122 Resp: 297595

Ion Ratio Lower Upper

122 100

105 125.0 101.3 141.3

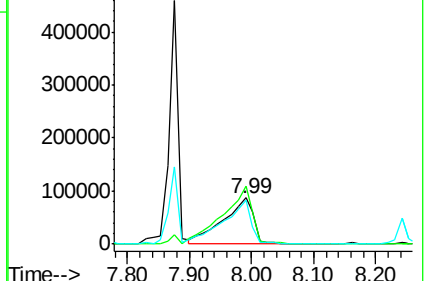
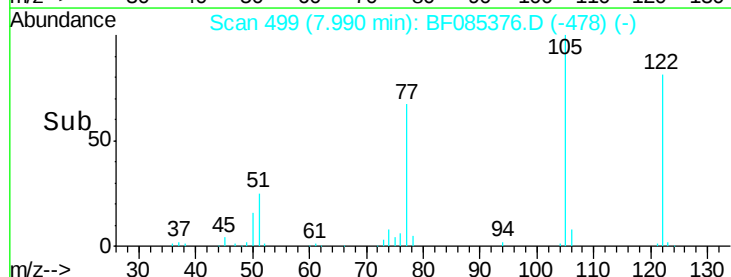
77 95.8 74.7 114.7

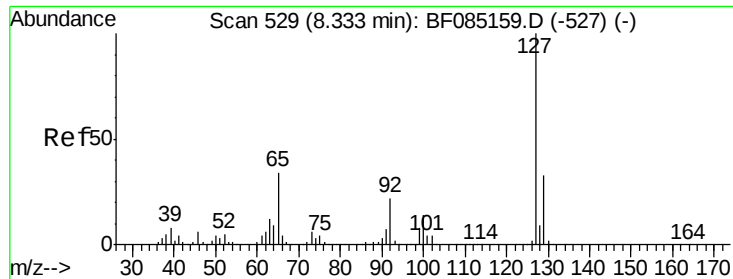


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

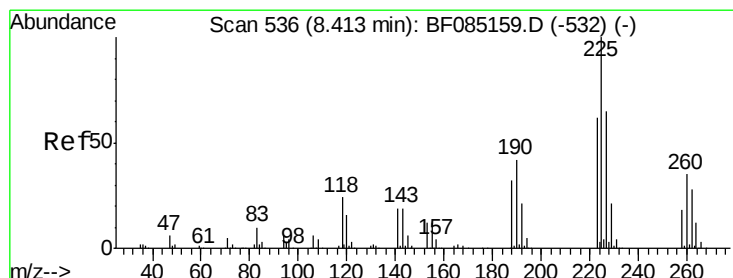
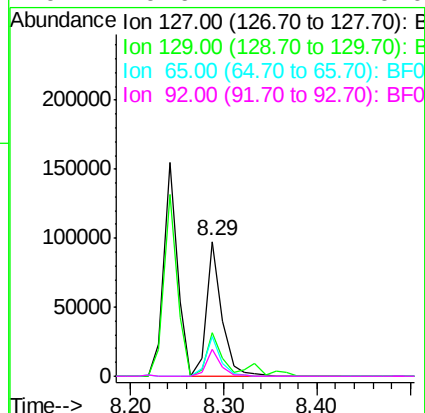
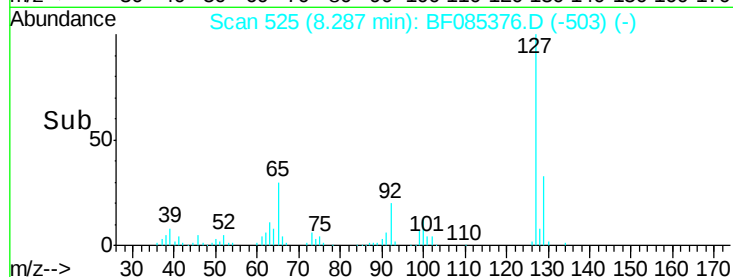
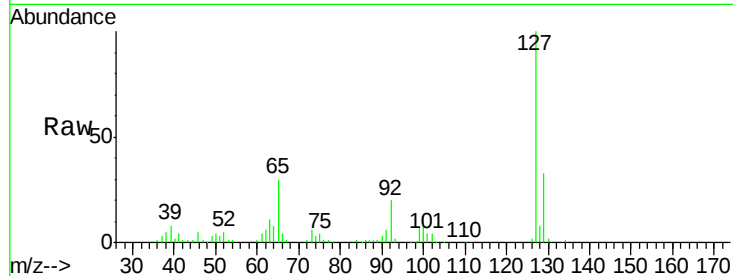




#33
4-Chloroaniline
Concen: 9.22 ng
RT: 8.29 min Scan# 525
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

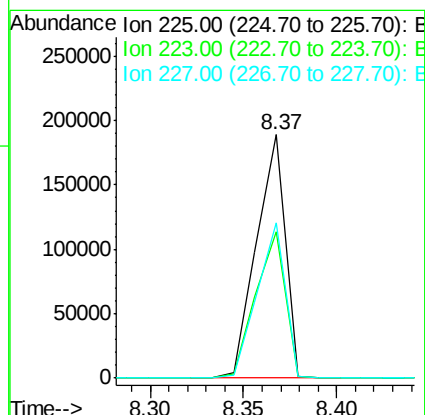
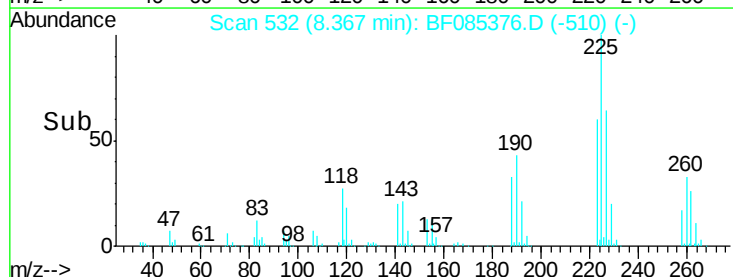
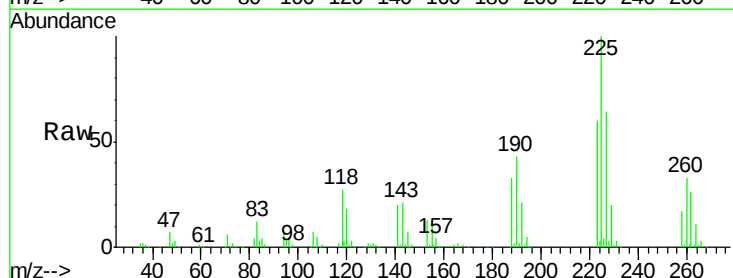
Instrument :
BNA_F
ClientSampleId :
PB88797BSD

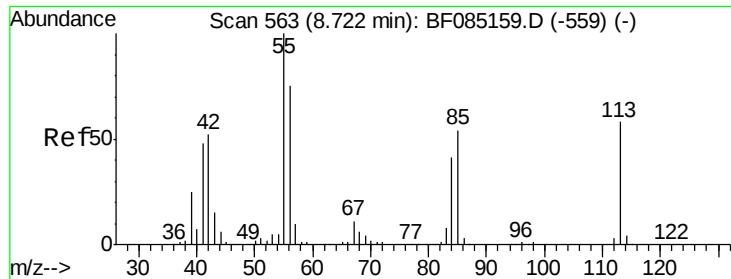
Tgt Ion:	127	Resp:	113403
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.1	39.1
65	30.0	27.0	40.6
92	19.6	17.4	26.0



#34
Hexachlorobutadiene
Concen: 42.30 ng
RT: 8.37 min Scan# 532
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

Tgt Ion:	225	Resp:	200307
Ion	Ratio	Lower	Upper
225	100		
223	60.1	49.7	74.5
227	63.6	52.2	78.4

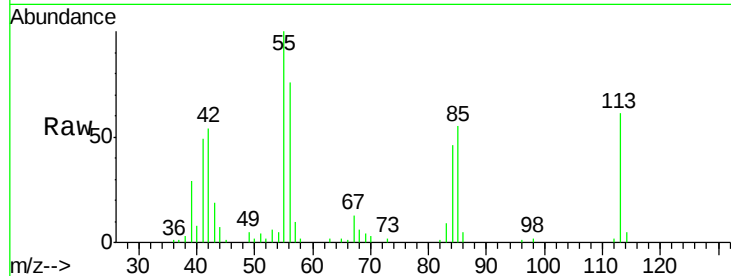




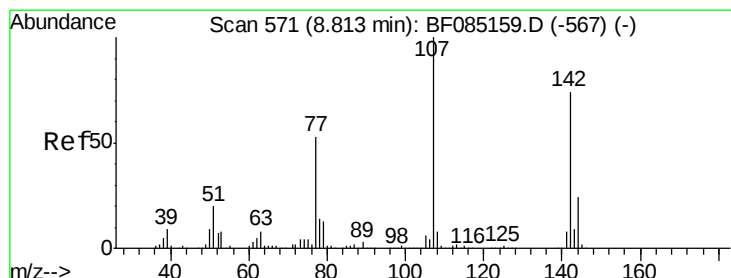
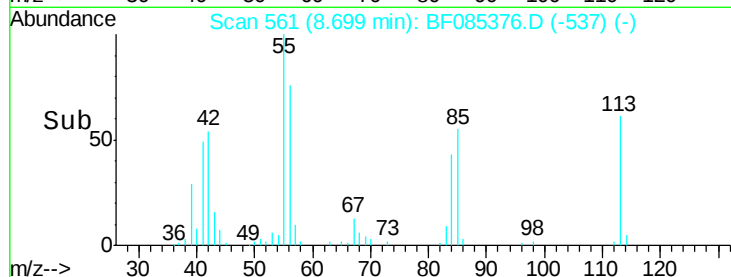
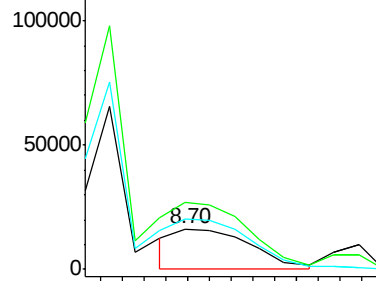
#35
Caprolactam
Concen: 14.05 ng
RT: 8.70 min Scan# 561
Delta R.T. -0.02 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

Instrument :
BNA_F
ClientSampleId :
PB88797BSD

Tgt Ion:113 Resp: 38621
Ion Ratio Lower Upper
113 100
55 163.4 152.7 192.7
56 124.1 109.0 149.0

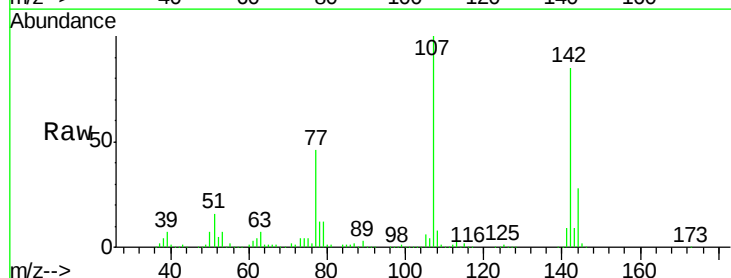


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

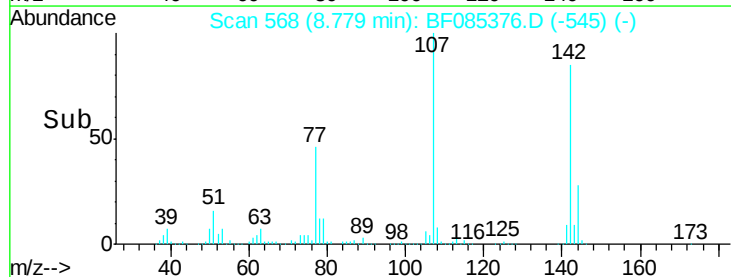
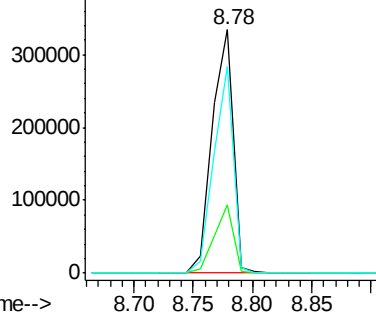


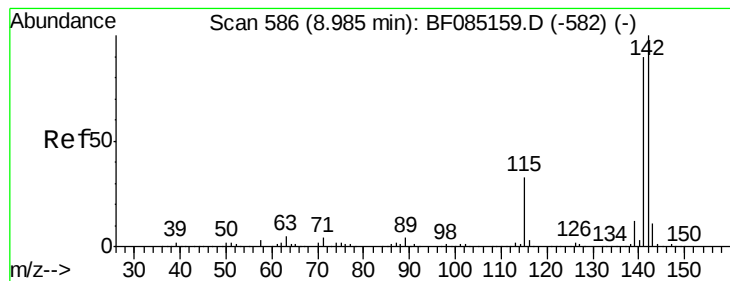
#36
4-Chloro-3-methylphenol
Concen: 43.32 ng
RT: 8.78 min Scan# 568
Delta R.T. -0.03 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

Tgt Ion:107 Resp: 413684
Ion Ratio Lower Upper
107 100
144 27.9 19.4 29.2
142 85.0 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: 44.30 ng

RT: 8.94 min Scan# 582

Delta R.T. -0.05 min

Lab File: BF085376.D

Acq: 11 Mar 2016 17:07

Instrument :

BNA_F

ClientSampleId :

PB88797BSD

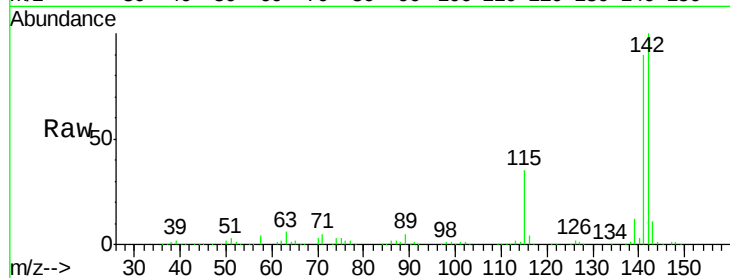
Tgt Ion:142 Resp: 864122

Ion Ratio Lower Upper

142 100

141 89.6 71.7 107.5

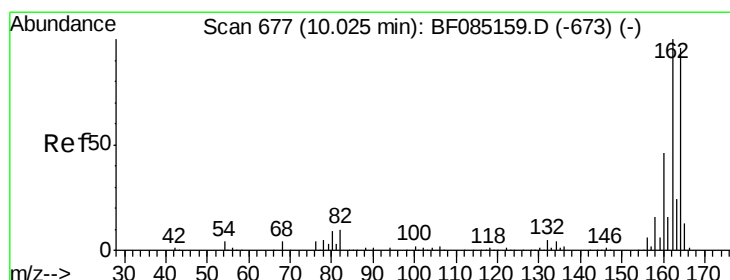
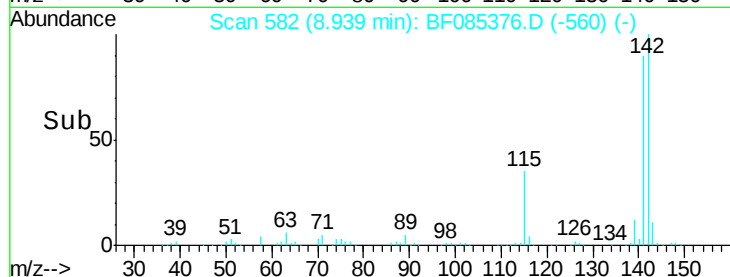
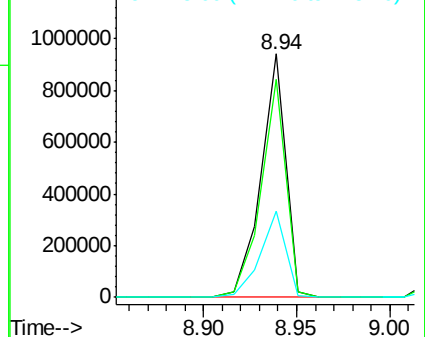
115 35.4 26.2 39.4



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: BF085376.D

Acq: 11 Mar 2016 17:07

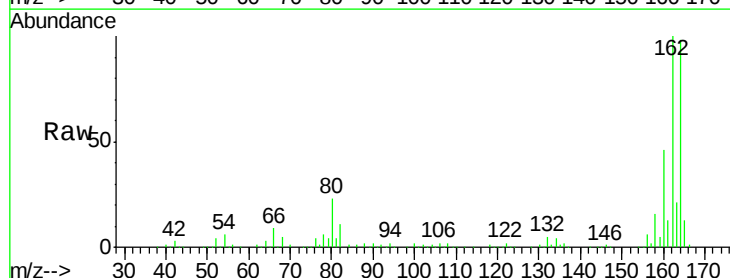
Tgt Ion:164 Resp: 290381

Ion Ratio Lower Upper

164 100

162 102.3 83.3 124.9

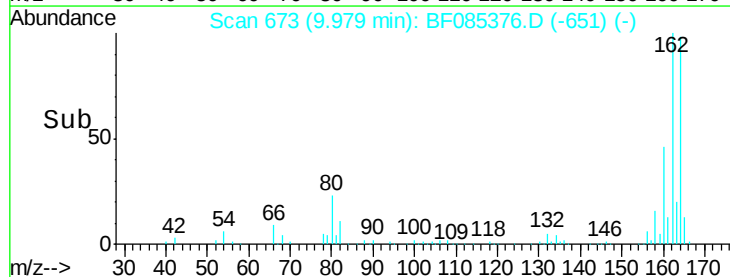
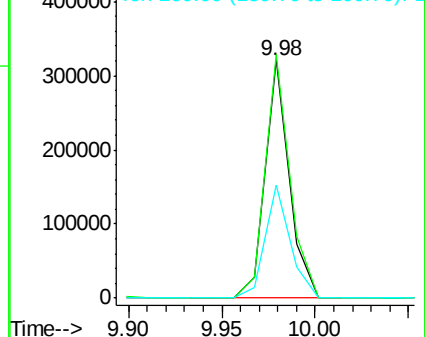
160 47.5 37.9 56.9

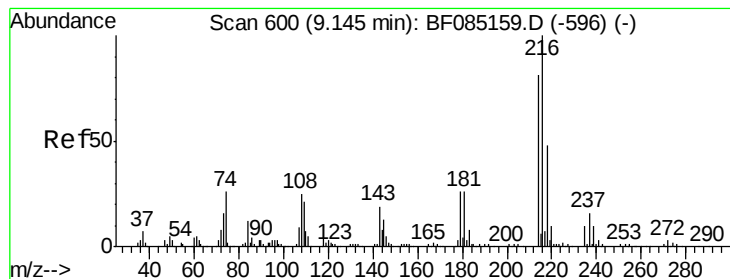


Abundance Ion 164.00 (163.70 to 164.70): E

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: 38.71 ng

RT: 9.11 min Scan# 597

Delta R.T. -0.03 min

Lab File: BF085376.D

Acq: 11 Mar 2016 17:07

Instrument :

BNA_F

ClientSampleId :

PB88797BSD

Tgt Ion:216 Resp: 321465

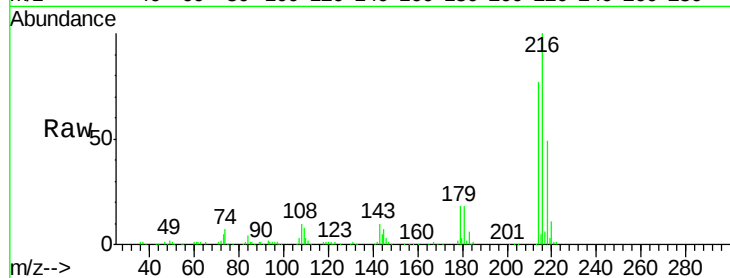
Ion Ratio Lower Upper

216 100

214 78.2 63.8 95.6

179 22.5 19.6 29.4

108 23.1 19.6 29.4

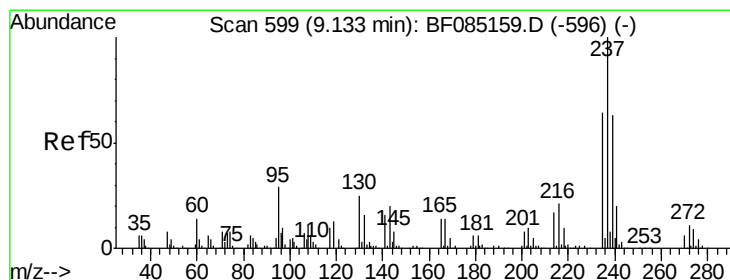
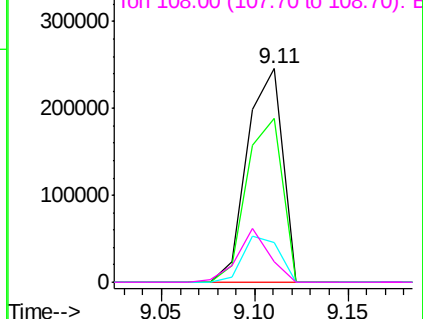
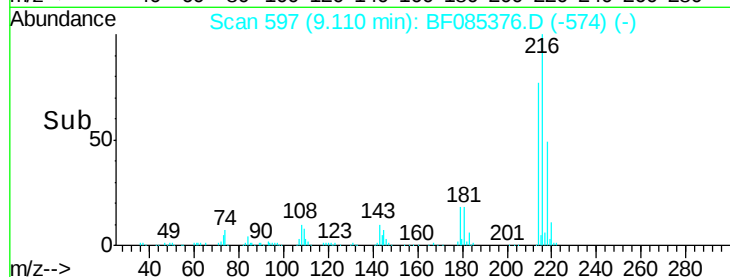


Abundance Ion 216.00 (215.70 to 216.70): E

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: 74.34 ng

RT: 9.09 min Scan# 595

Delta R.T. -0.05 min

Lab File: BF085376.D

Acq: 11 Mar 2016 17:07

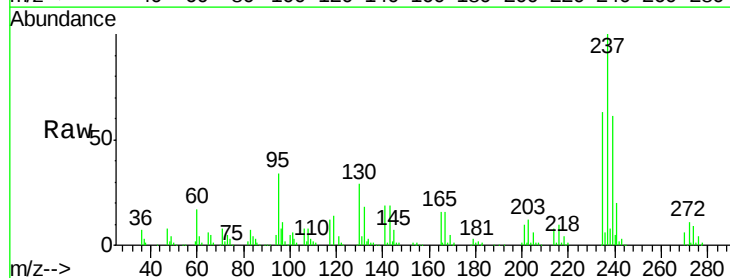
Tgt Ion:237 Resp: 332980

Ion Ratio Lower Upper

237 100

235 63.4 43.7 83.7

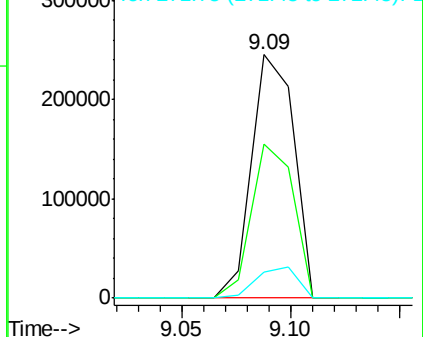
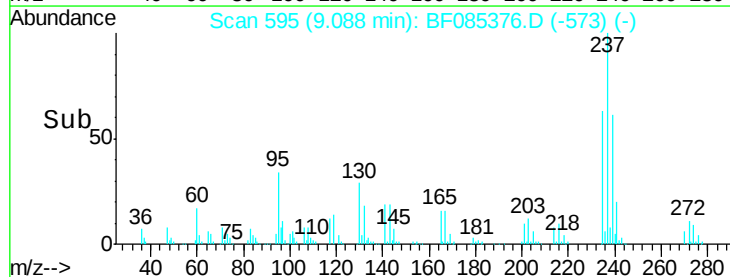
272 10.9 0.0 31.5

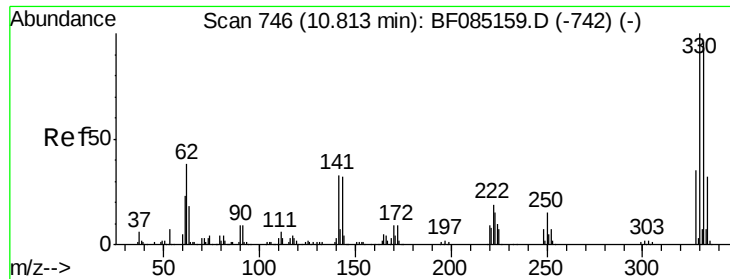


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

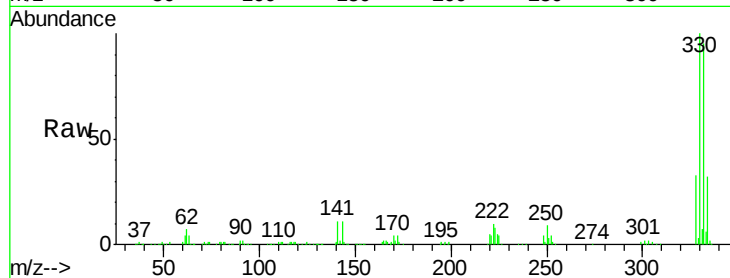




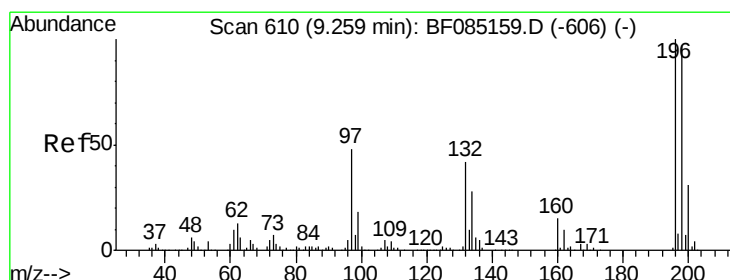
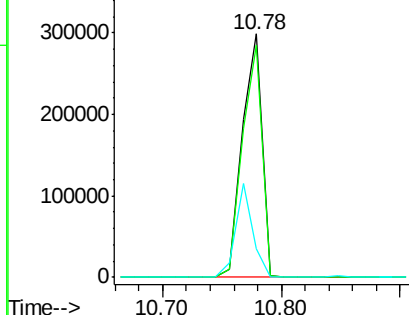
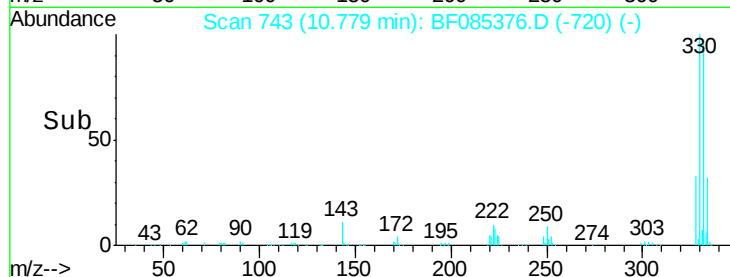
#41
 2,4,6-Tribromophenol
 Concen: 140.19 ng
 RT: 10.78 min Scan# 743
 Delta R.T. -0.03 min
 Lab File: BF085376.D
 Acq: 11 Mar 2016 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB88797BSD

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.1	115.7
141	33.3	35.0	52.6#

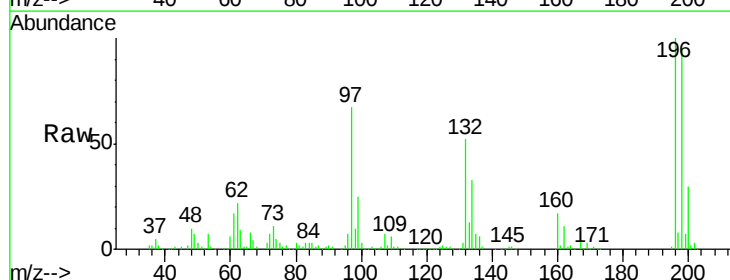


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

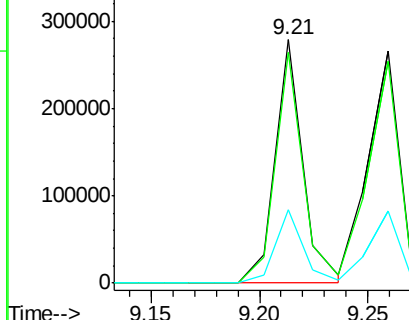
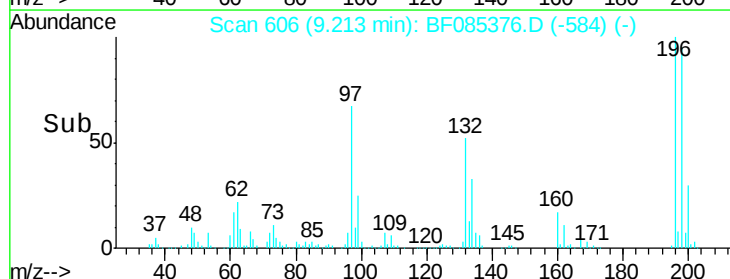


#42
 2,4,6-Trichlorophenol
 Concen: 40.51 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.05 min
 Lab File: BF085376.D
 Acq: 11 Mar 2016 17:07

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.7	77.8	116.6
200	30.0	25.0	37.6



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

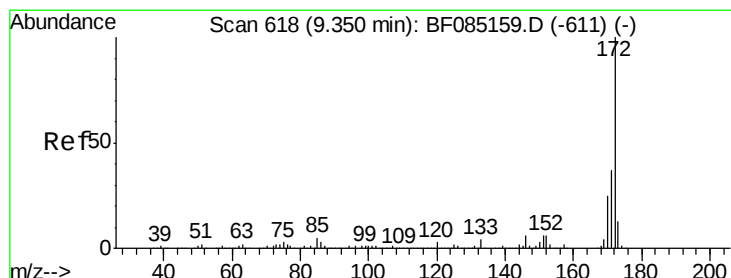
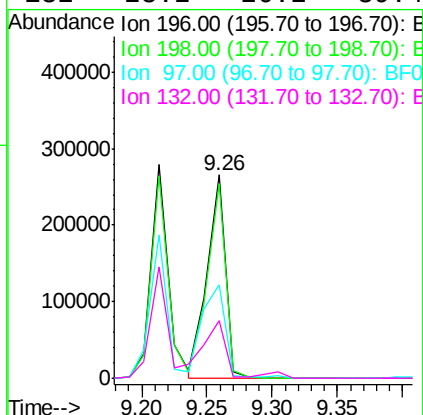
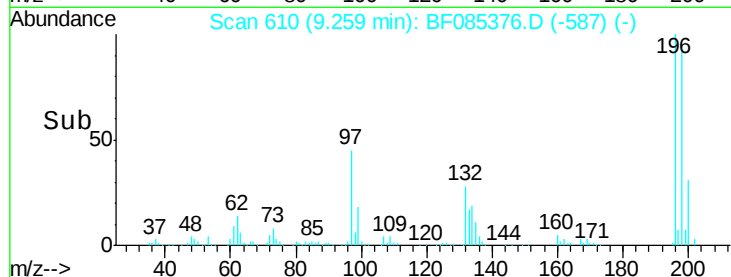
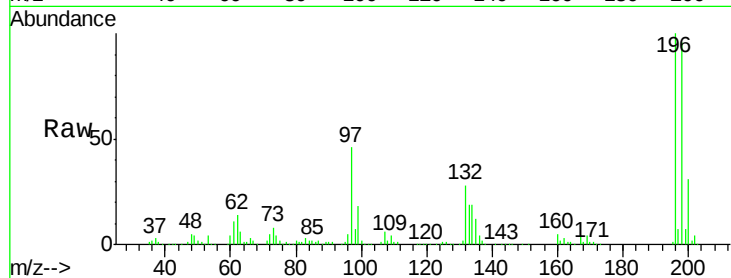




#43
 2,4,5-Trichlorophenol
 Concen: 44.72 ng
 RT: 9.26 min Scan# 610
 Delta R.T. -0.03 min
 Lab File: BF085376.D
 Acq: 11 Mar 2016 17:07

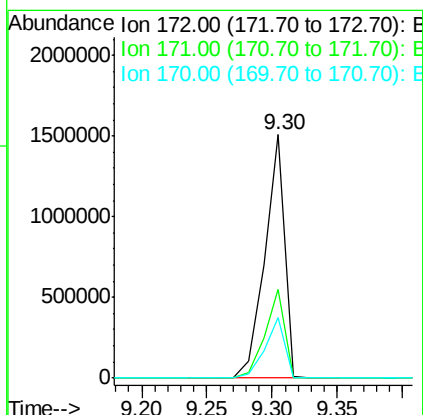
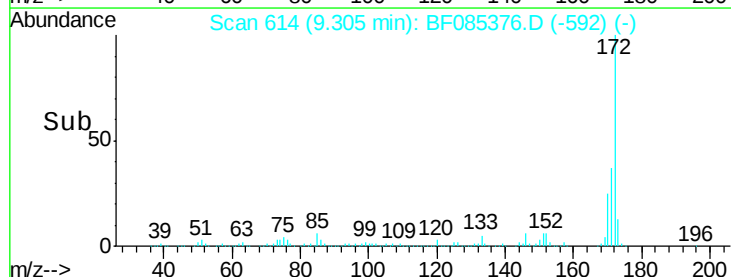
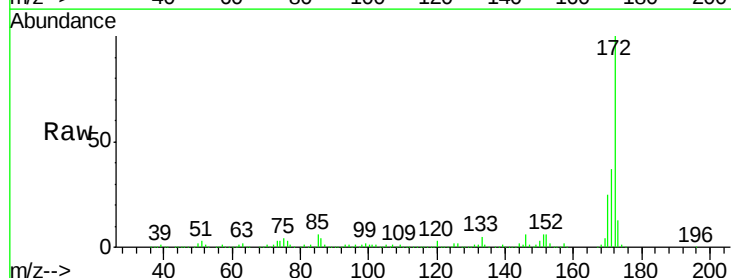
Instrument :
 BNA_F
 ClientSampleId :
 PB88797BSD

Tgt Ion:196 Resp: 262110
 Ion Ratio Lower Upper
 196 100
 198 96.0 75.7 113.5
 97 45.9 46.4 69.6#
 132 28.2 26.2 39.4



#44
 2-Fluorobiphenyl
 Concen: 83.49 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.05 min
 Lab File: BF085376.D
 Acq: 11 Mar 2016 17:07

Tgt Ion:172 Resp: 1594063
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.3 43.9
 170 24.8 20.0 30.0

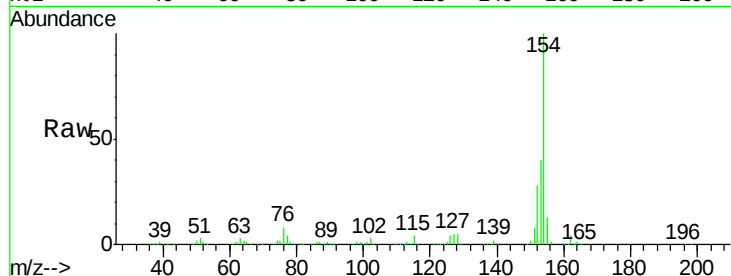




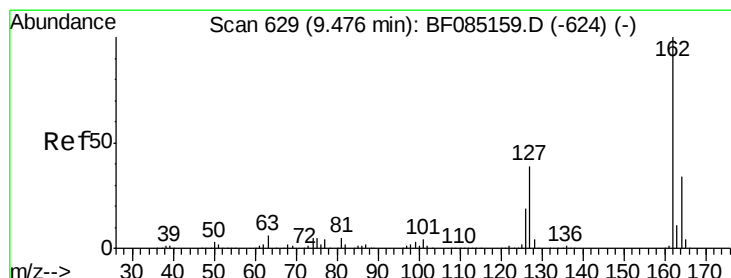
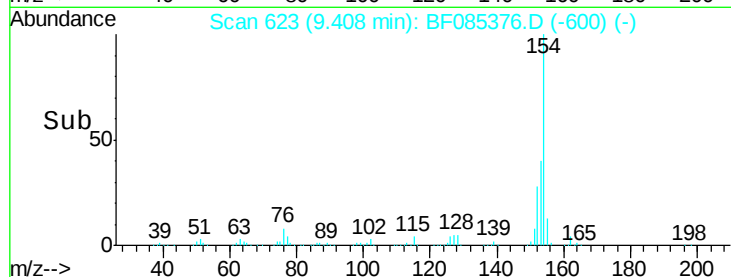
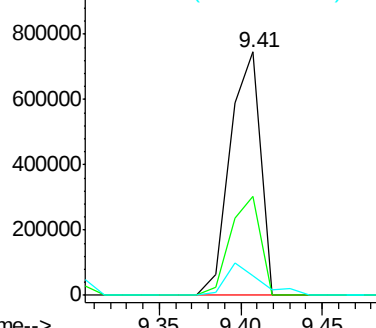
#45
 1,1'-Biphenyl
 Concen: 38.74 ng
 RT: 9.41 min Scan# 623
 Delta R.T. -0.03 min
 Lab File: BF085376.D
 Acq: 11 Mar 2016 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB88797BSD

Tgt Ion:154 Resp: 960971
 Ion Ratio Lower Upper
 154 100
 153 40.4 21.4 61.4
 76 7.8 0.0 37.5

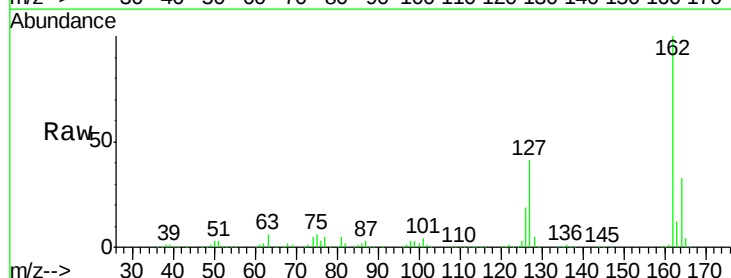


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

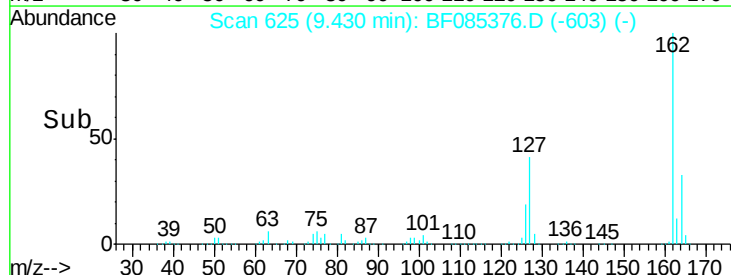
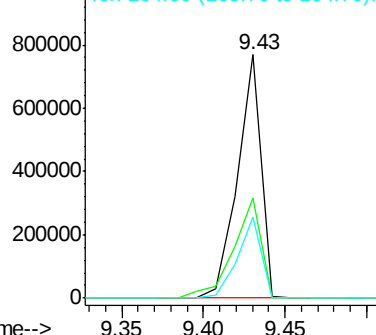


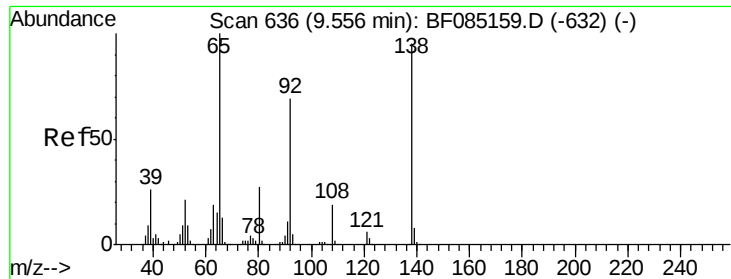
#46
 2-Chloronaphthalene
 Concen: 40.87 ng
 RT: 9.43 min Scan# 625
 Delta R.T. -0.05 min
 Lab File: BF085376.D
 Acq: 11 Mar 2016 17:07

Tgt Ion:162 Resp: 772939
 Ion Ratio Lower Upper
 162 100
 127 41.1 31.6 47.4
 164 33.4 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

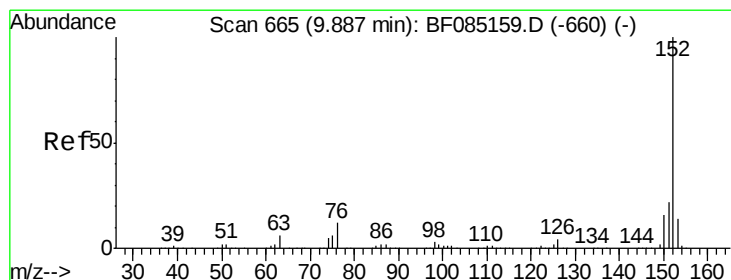
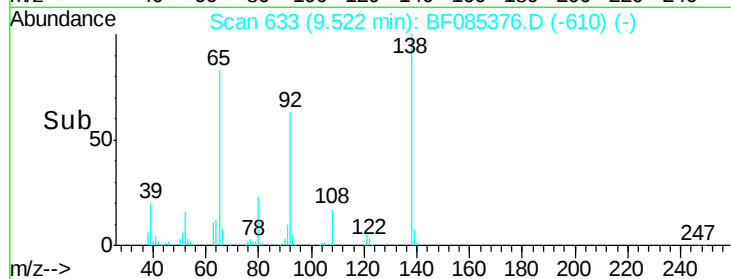
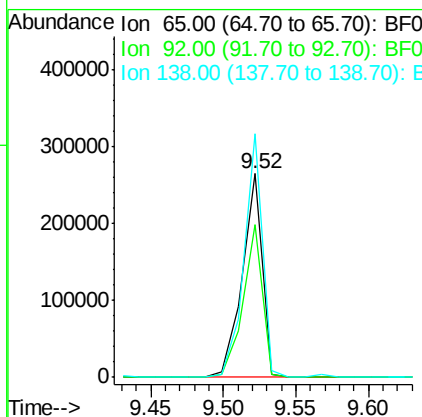
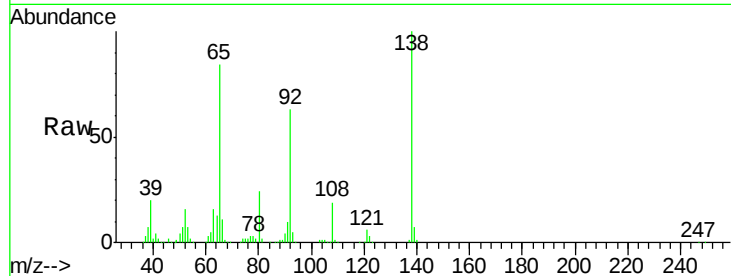




#47
2-Nitroaniline
Concen: 43.18 ng
RT: 9.52 min Scan# 633
Delta R.T. -0.03 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

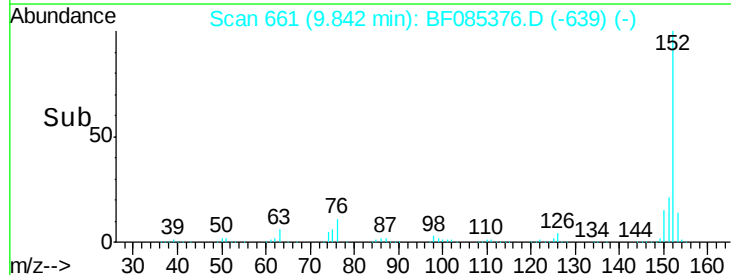
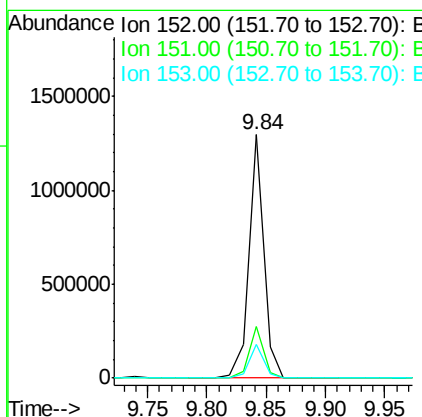
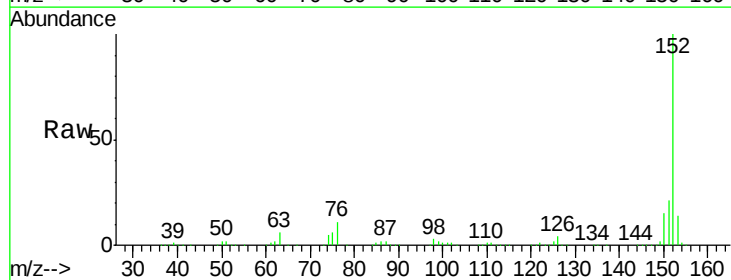
Instrument :
BNA_F
ClientSampleId :
PB88797BSD

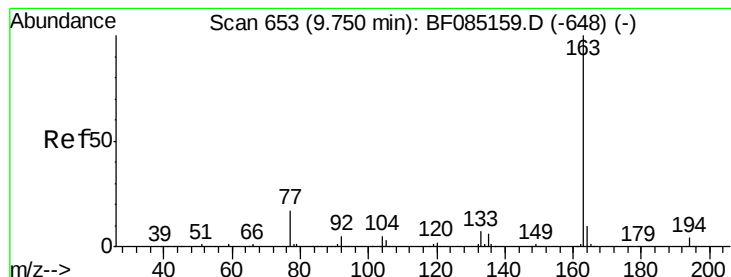
Tgt Ion: 65 Resp: 253034
Ion Ratio Lower Upper
65 100
92 75.1 55.4 83.2
138 119.5 75.7 113.5#



#48
Acenaphthylene
Concen: 38.65 ng
RT: 9.84 min Scan# 661
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

Tgt Ion: 152 Resp: 1137618
Ion Ratio Lower Upper
152 100
151 21.1 17.5 26.3
153 13.8 11.3 16.9





#49

Dimethylphthalate

Concen: 41.27 ng

RT: 9.70 min Scan# 649

Delta R.T. -0.05 min

Lab File: BF085376.D

Acq: 11 Mar 2016 17:07

Instrument :

BNA_F

ClientSampleId :

PB88797BSD

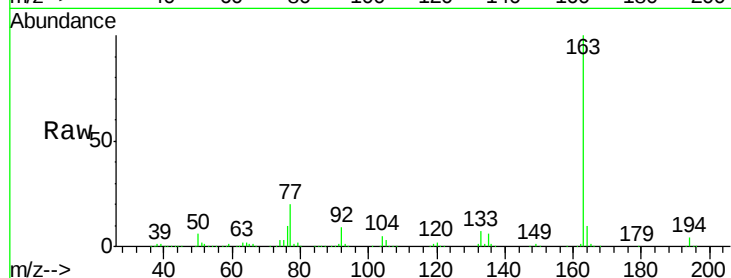
Tgt Ion:163 Resp: 919757

Ion Ratio Lower Upper

163 100

194 3.6 3.1 4.7

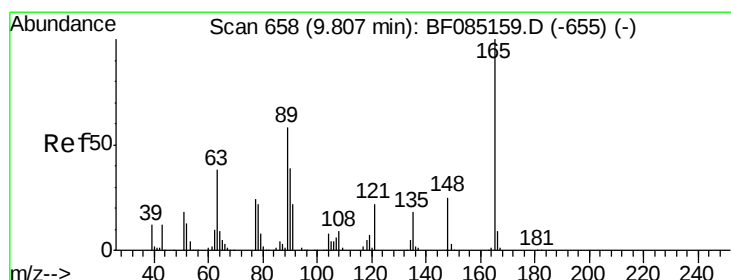
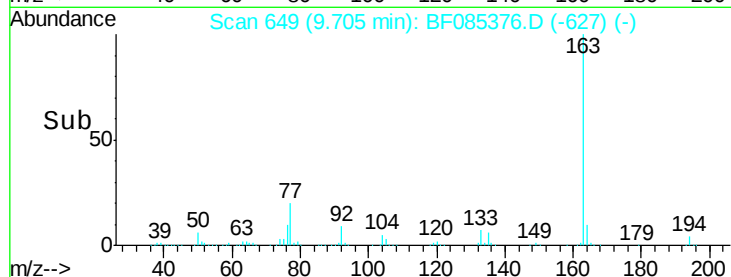
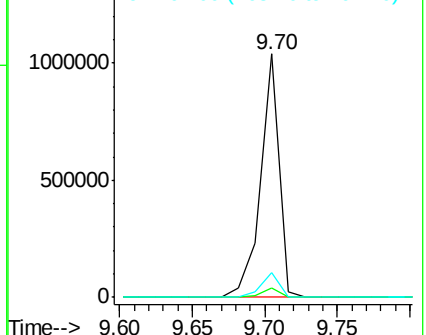
164 10.3 8.2 12.4



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: 37.37 ng

RT: 9.76 min Scan# 654

Delta R.T. -0.05 min

Lab File: BF085376.D

Acq: 11 Mar 2016 17:07

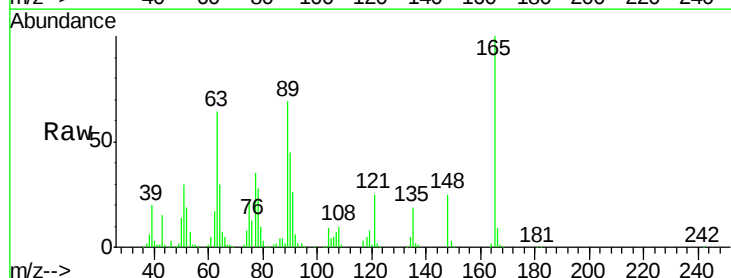
Tgt Ion:165 Resp: 178195

Ion Ratio Lower Upper

165 100

63 64.2 41.8 62.8#

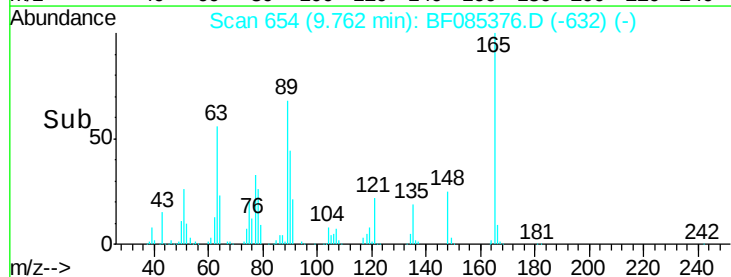
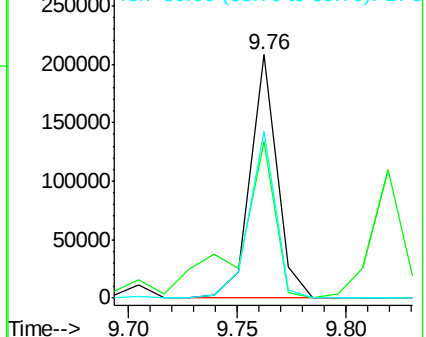
89 68.6 46.7 70.1

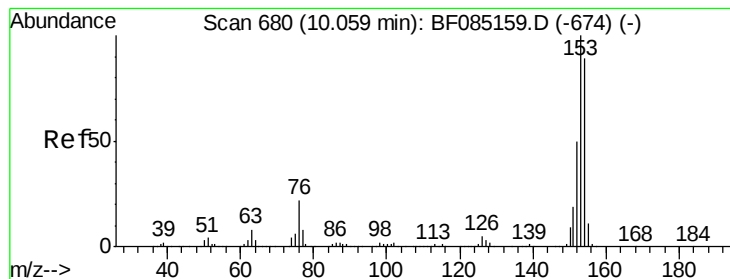


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.33 ng

RT: 10.01 min Scan# 676

Delta R.T. -0.05 min

Lab File: BF085376.D

Acq: 11 Mar 2016 17:07

Instrument :

BNA_F

ClientSampleId :

PB88797BSD

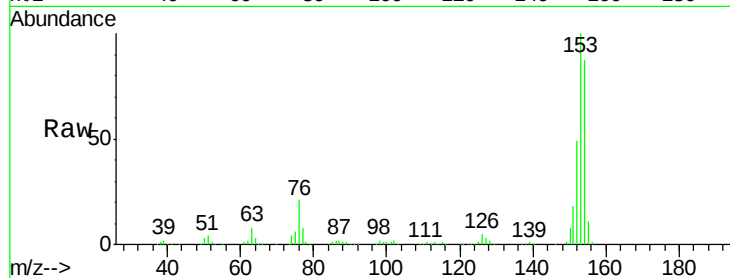
Tgt Ion:154 Resp: 774278

Ion Ratio Lower Upper

154 100

153 114.5 89.8 134.8

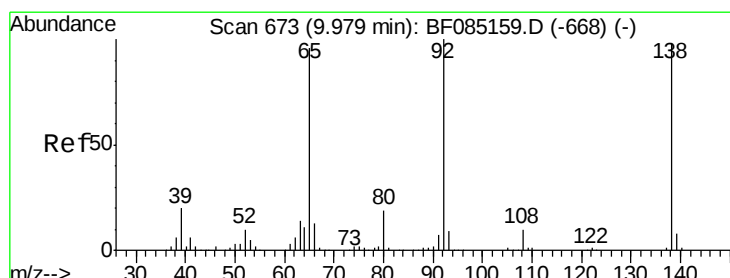
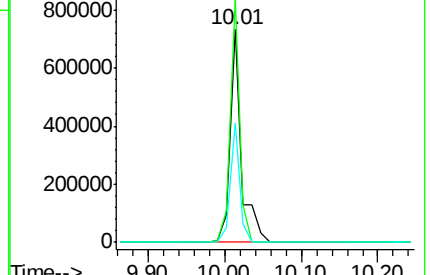
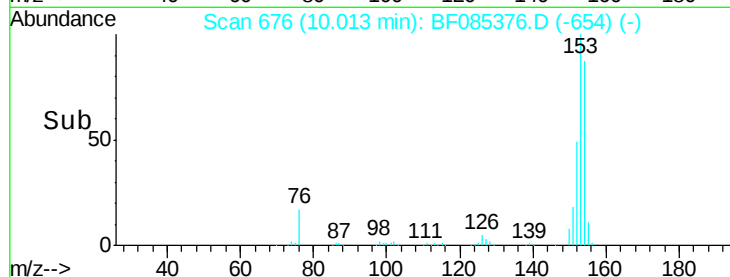
152 56.1 44.6 66.8



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: 18.47 ng

RT: 9.93 min Scan# 669

Delta R.T. -0.05 min

Lab File: BF085376.D

Acq: 11 Mar 2016 17:07

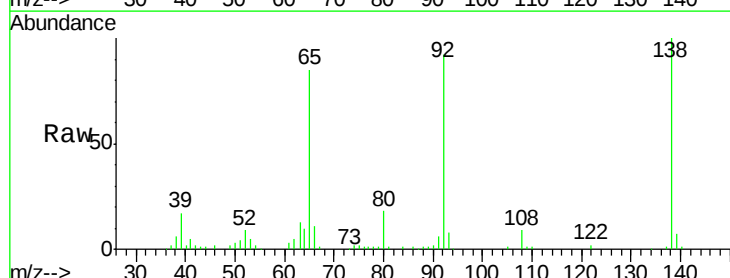
Tgt Ion:138 Resp: 105387

Ion Ratio Lower Upper

138 100

108 8.9 7.8 11.6

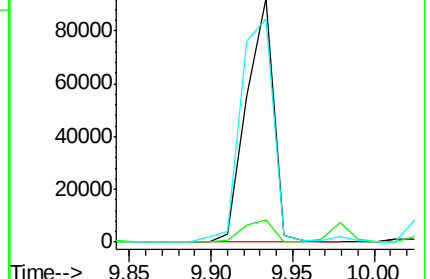
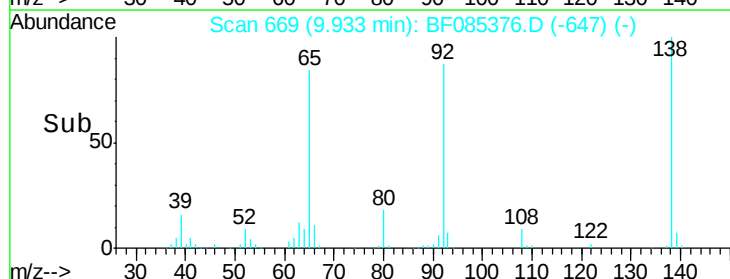
92 91.8 81.3 121.9

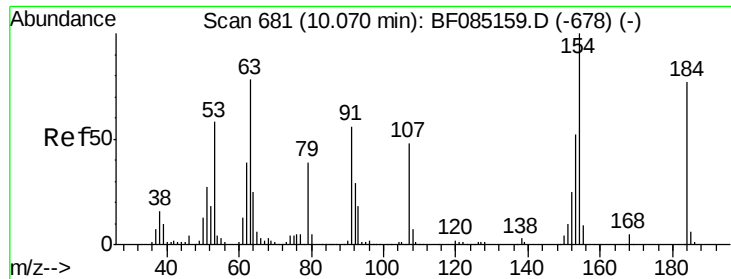


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

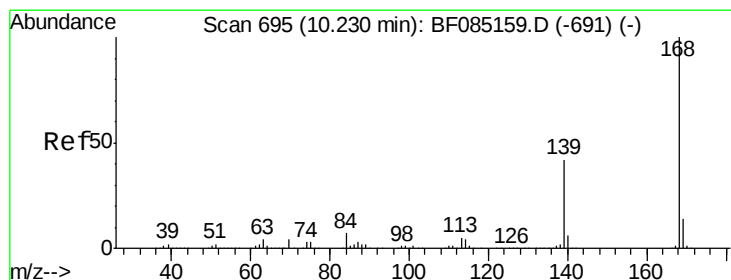
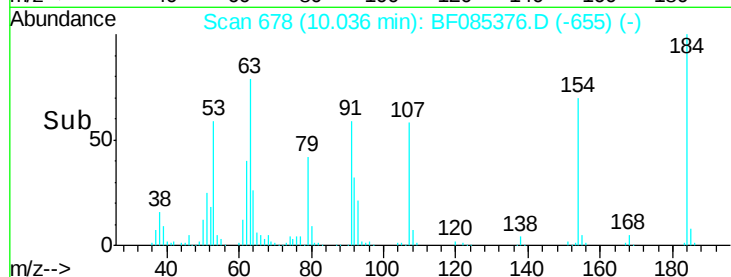
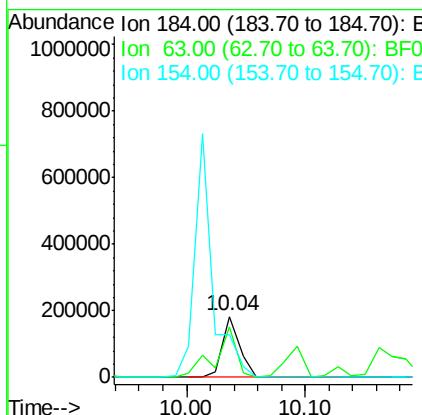
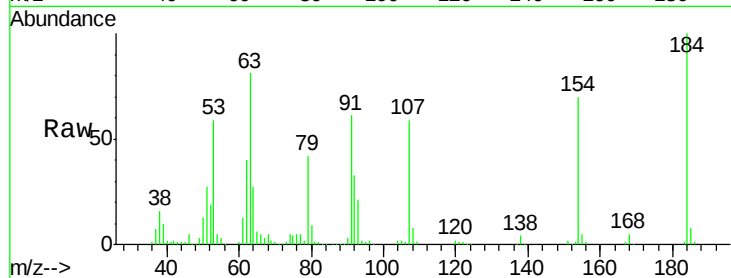




#53
 2,4-Dinitrophenol
 Concen: 76.62 ng
 RT: 10.04 min Scan# 678
 Delta R.T. -0.03 min
 Lab File: BF085376.D
 Acq: 11 Mar 2016 17:07

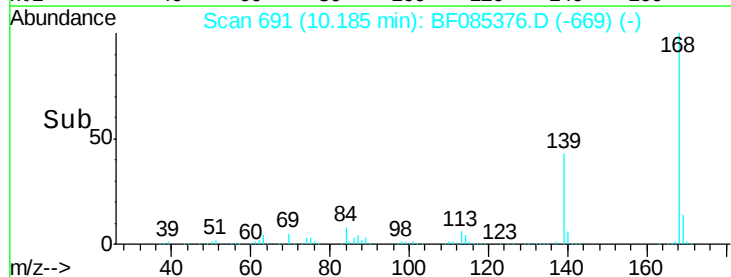
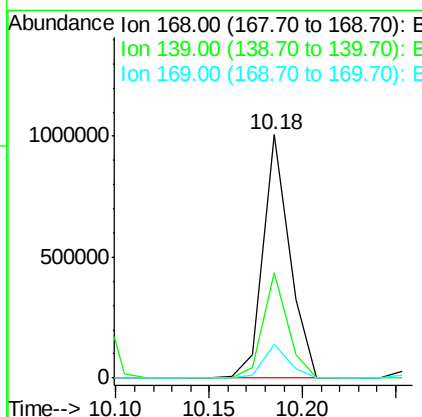
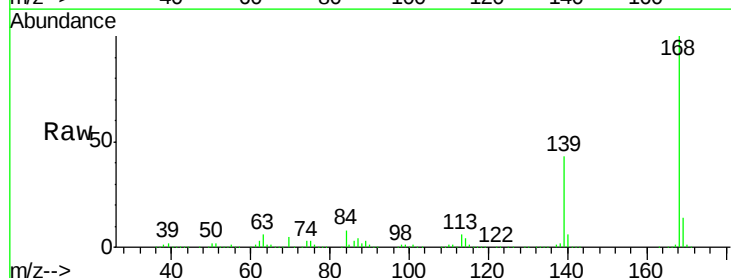
Instrument :
 BNA_F
 ClientSampleId :
 PB88797BSD

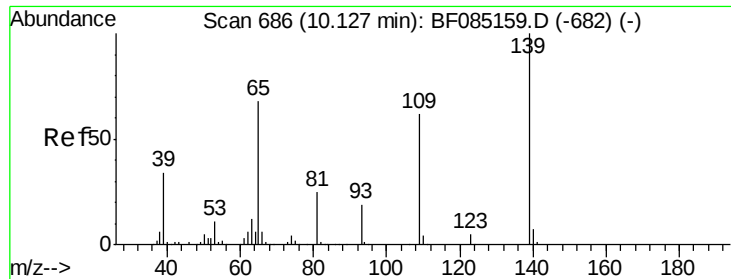
Tgt Ion:184 Resp: 184468
 Ion Ratio Lower Upper
 184 100
 63 81.5 82.2 123.4#
 154 69.8 108.9 163.3#



#54
 Dibenzofuran
 Concen: 41.91 ng
 RT: 10.18 min Scan# 691
 Delta R.T. -0.05 min
 Lab File: BF085376.D
 Acq: 11 Mar 2016 17:07

Tgt Ion:168 Resp: 981184
 Ion Ratio Lower Upper
 168 100
 139 43.3 33.6 50.4
 169 13.8 11.2 16.8





#55

4-Nitrophenol

Concen: 74.33 ng

RT: 10.09 min Scan# 683

Delta R.T. -0.03 min

Lab File: BF085376.D

Acq: 11 Mar 2016 17:07

Instrument :

BNA_F

ClientSampleId :

PB88797BSD

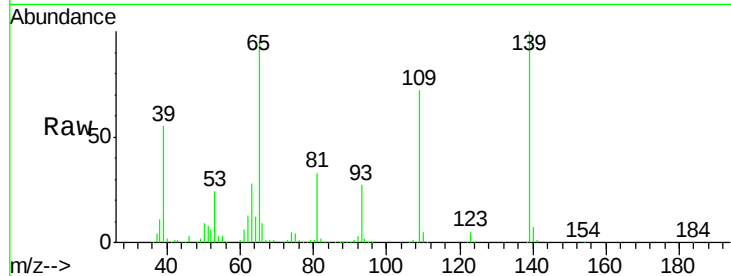
Tgt Ion:139 Resp: 333203

Ion Ratio Lower Upper

139 100

109 72.2 41.9 81.9

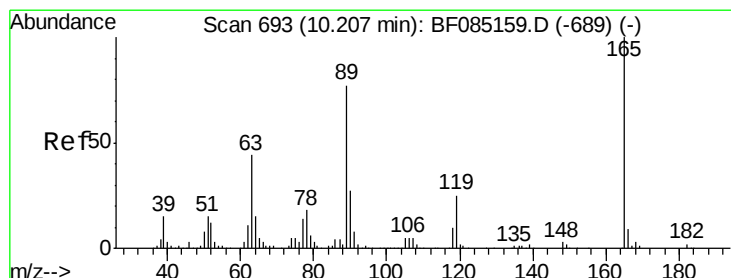
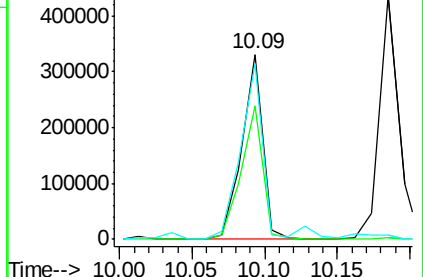
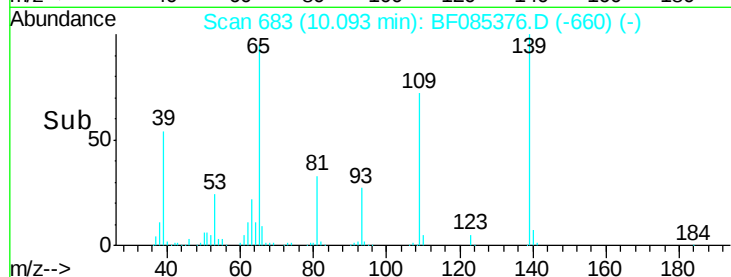
65 94.9 48.3 88.3#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 46.03 ng

RT: 10.17 min Scan# 690

Delta R.T. -0.03 min

Lab File: BF085376.D

Acq: 11 Mar 2016 17:07

Tgt Ion:165 Resp: 280895

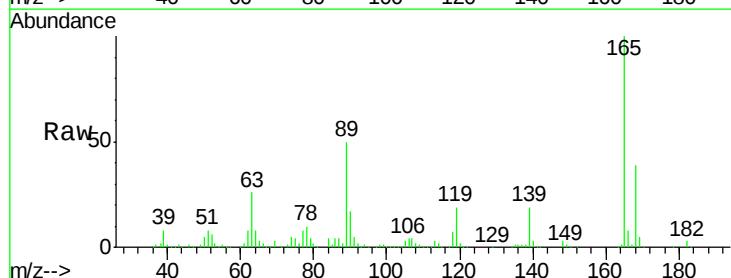
Ion Ratio Lower Upper

165 100

63 25.6 35.4 53.0#

89 50.3 61.9 92.9#

182 2.6 1.9 2.9

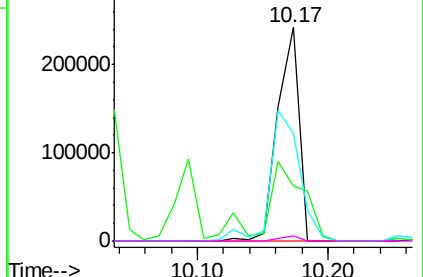
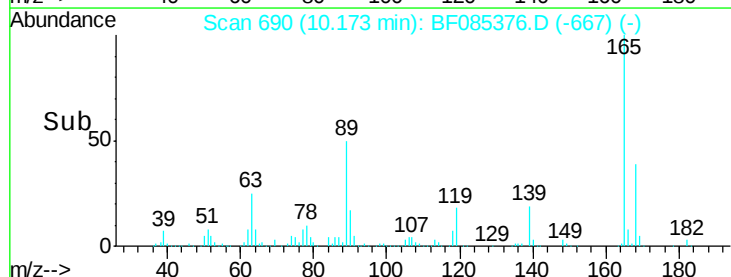


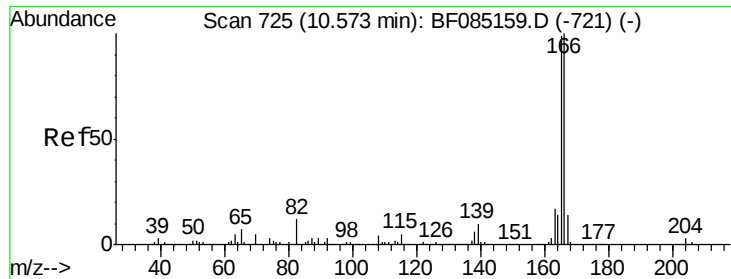
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.37 ng

RT: 10.53 min Scan# 721

Delta R.T. -0.05 min

Lab File: BF085376.D

Acq: 11 Mar 2016 17:07

Instrument :

BNA_F

ClientSampleId :

PB88797BSD

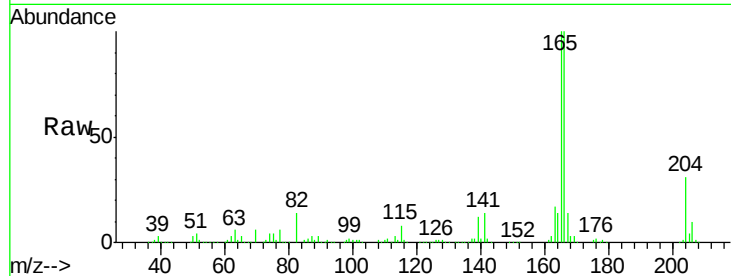
Tgt Ion:166 Resp: 724118

Ion Ratio Lower Upper

166 100

165 99.7 79.4 119.0

167 14.1 11.0 16.6

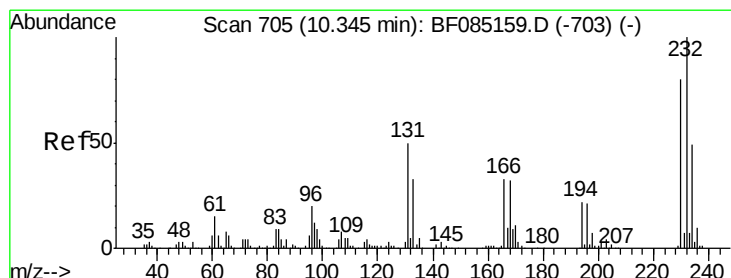
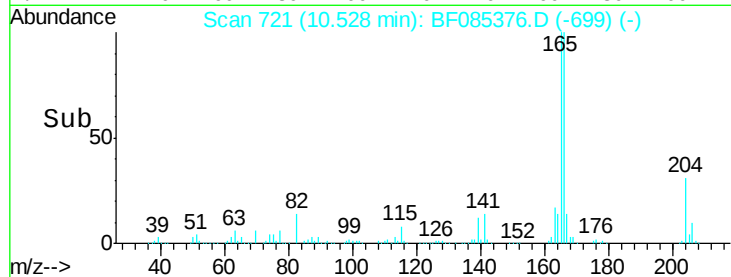
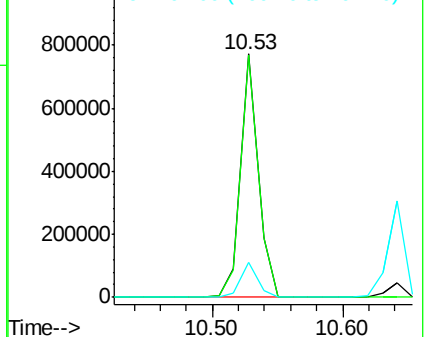


Abundance

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: 45.18 ng

RT: 10.30 min Scan# 701

Delta R.T. -0.05 min

Lab File: BF085376.D

Acq: 11 Mar 2016 17:07

Tgt Ion:232 Resp: 186052

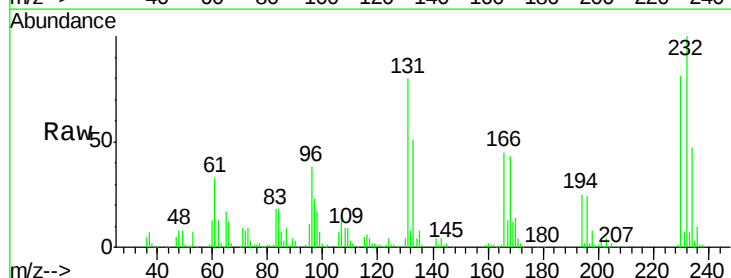
Ion Ratio Lower Upper

232 100

131 57.7 46.0 69.0

130 2.9 2.2 3.4

166 35.2 28.8 43.2



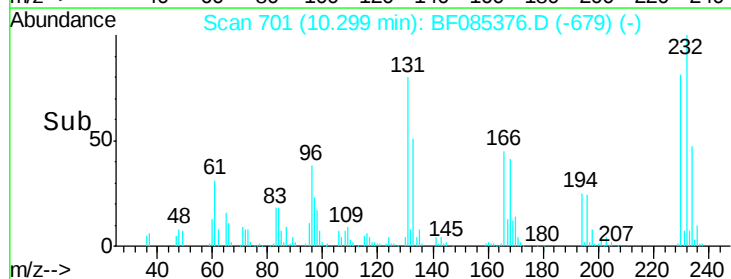
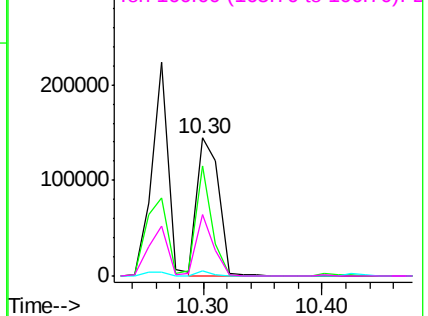
Abundance

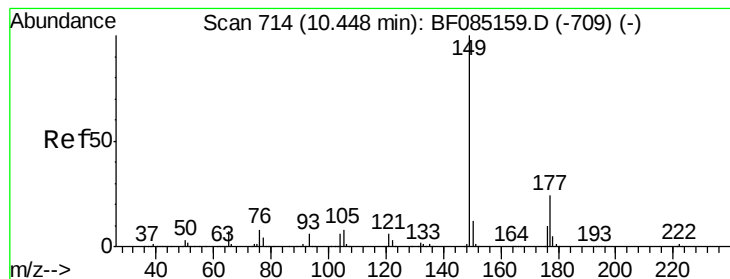
Ion 232.00 (231.70 to 232.70): E

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: 39.35 ng

RT: 10.40 min Scan# 710

Delta R.T. -0.05 min

Lab File: BF085376.D

Acq: 11 Mar 2016 17:07

Instrument :

BNA_F

ClientSampleId :

PB88797BSD

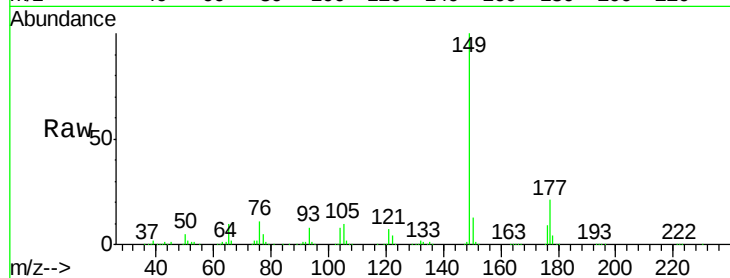
Tgt Ion:149 Resp: 850964

Ion Ratio Lower Upper

149 100

177 21.2 19.2 28.8

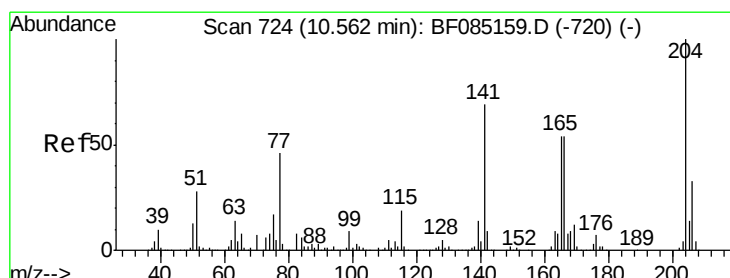
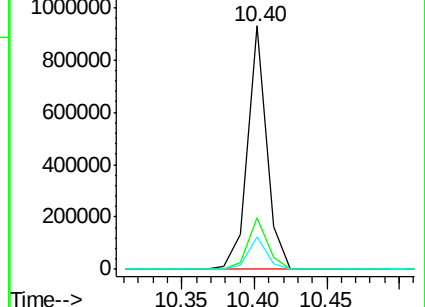
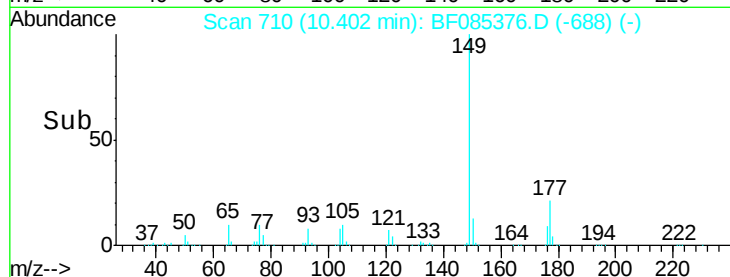
150 13.2 9.9 14.9



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: 40.10 ng

RT: 10.52 min Scan# 720

Delta R.T. -0.05 min

Lab File: BF085376.D

Acq: 11 Mar 2016 17:07

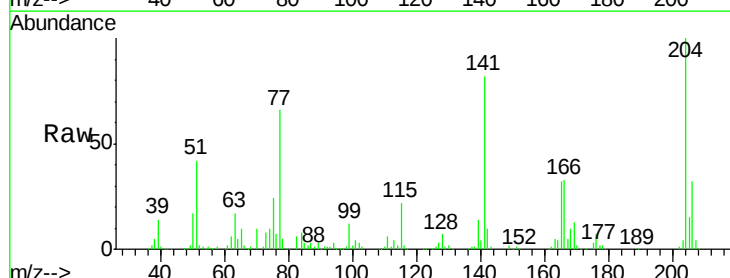
Tgt Ion:204 Resp: 358861

Ion Ratio Lower Upper

204 100

206 31.9 26.5 39.7

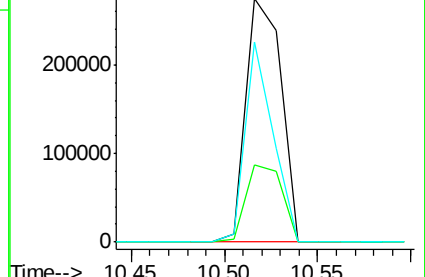
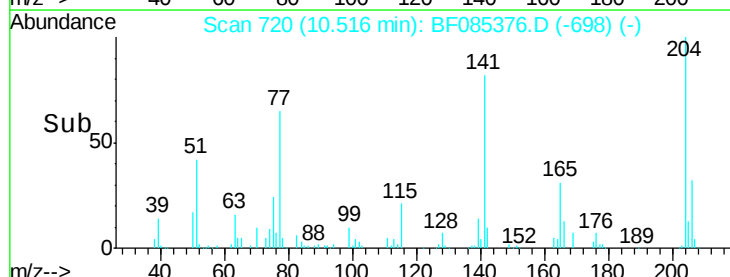
141 82.4 55.4 83.2

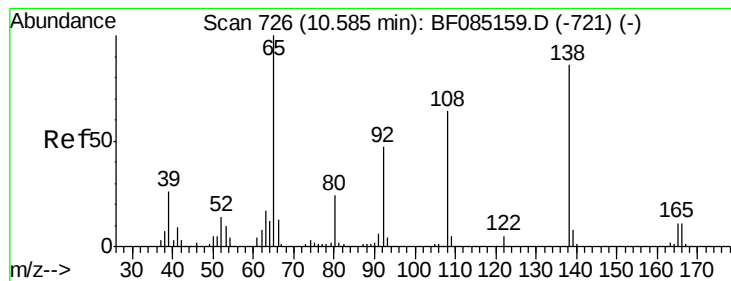


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

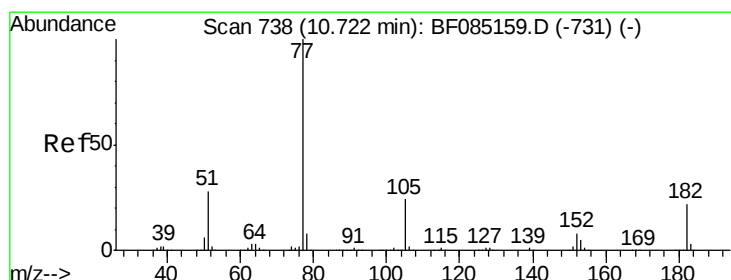
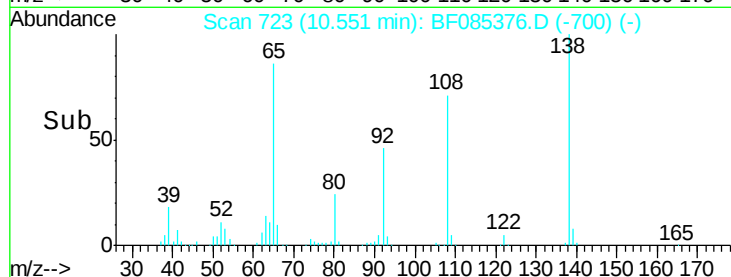
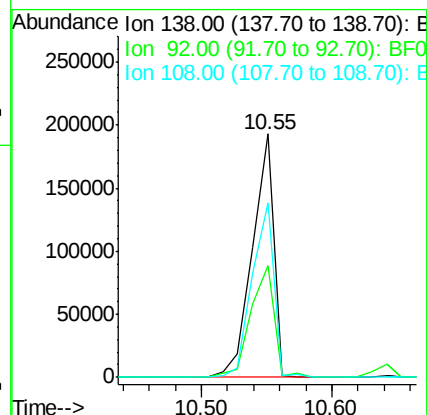
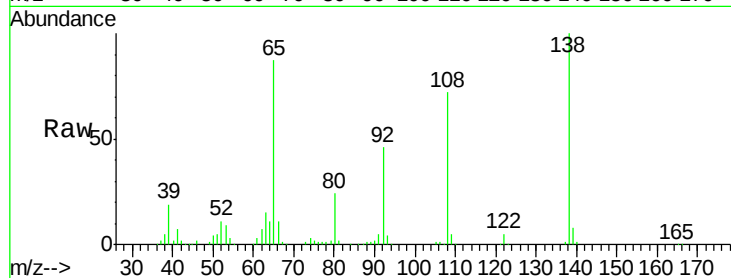




#61
4-Nitroaniline
Concen: 41.24 ng
RT: 10.55 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

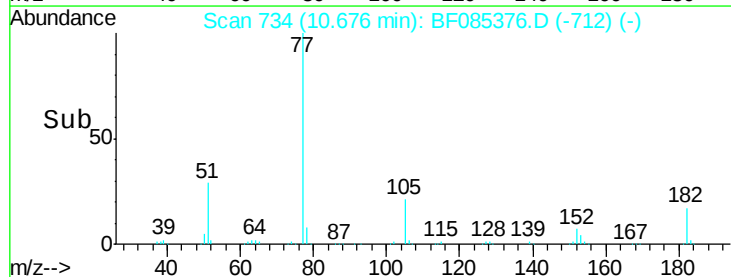
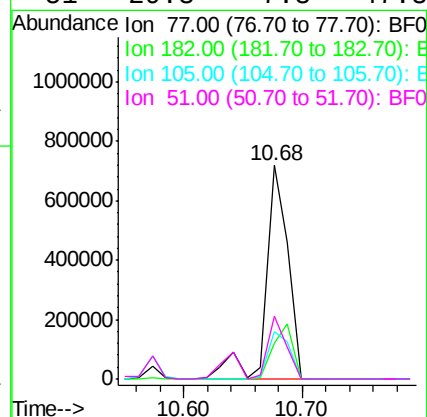
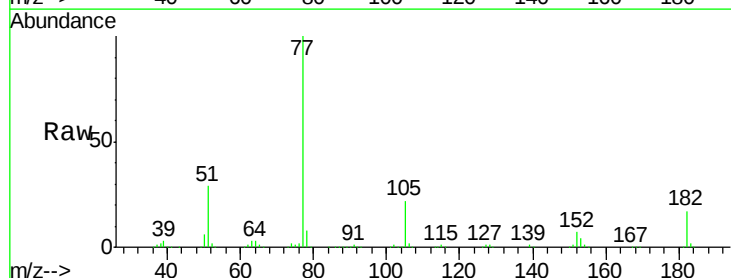
Instrument :
BNA_F
ClientSampleId :
PB88797BSD

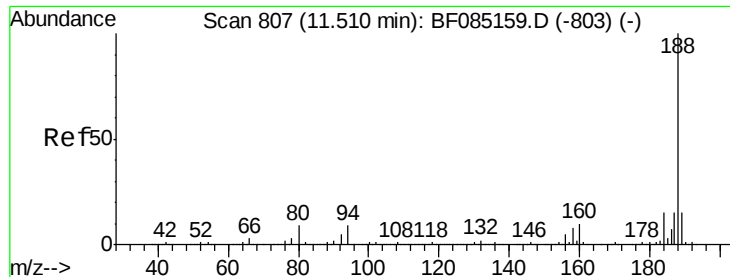
Tgt Ion:138 Resp: 220042
Ion Ratio Lower Upper
138 100
92 46.0 34.2 74.2
108 71.6 53.9 93.9



#62
Azobenzene
Concen: 43.70 ng
RT: 10.68 min Scan# 734
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

Tgt Ion: 77 Resp: 931145
Ion Ratio Lower Upper
77 100
182 17.1 2.1 42.1
105 21.9 3.8 43.8
51 29.3 7.8 47.8

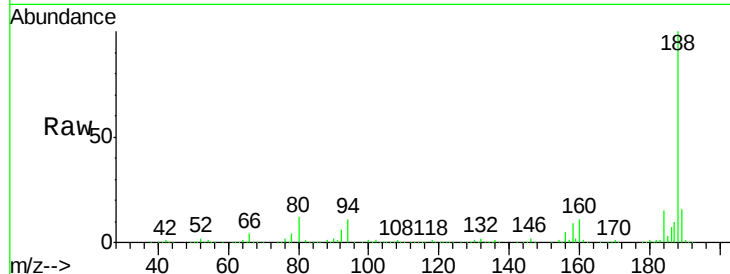




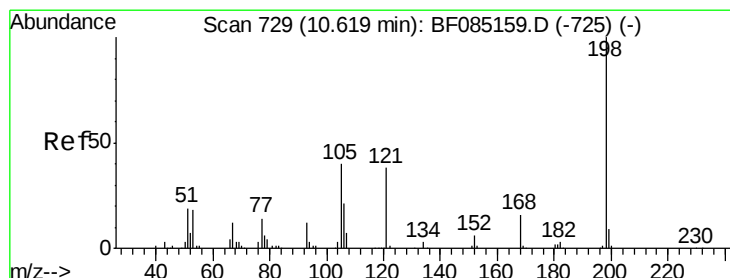
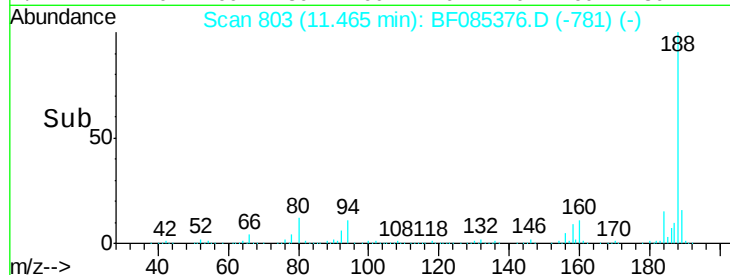
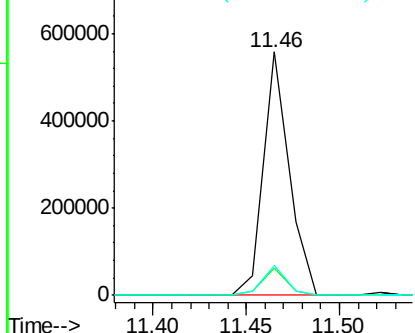
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 803
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

Instrument :
BNA_F
ClientSampleId :
PB88797BSD

Tgt Ion:188 Resp: 531661
Ion Ratio Lower Upper
188 100
94 11.4 7.0 10.6#
80 12.1 7.4 11.0#

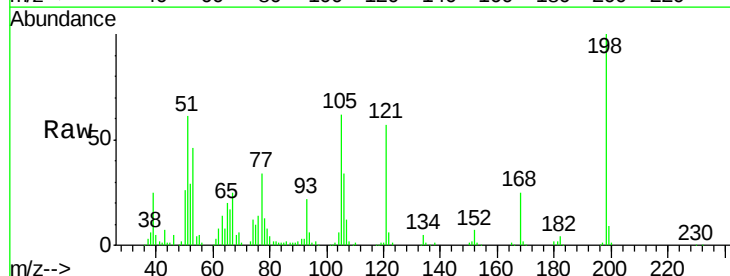


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

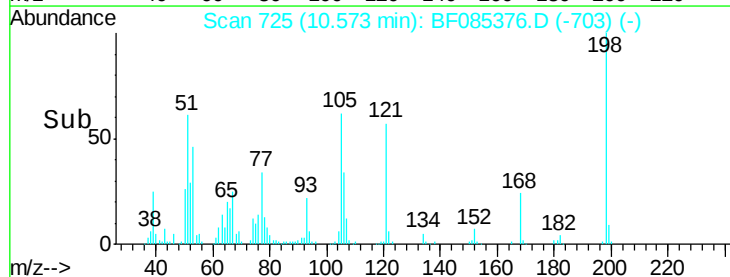
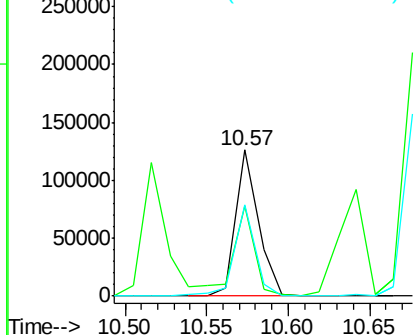


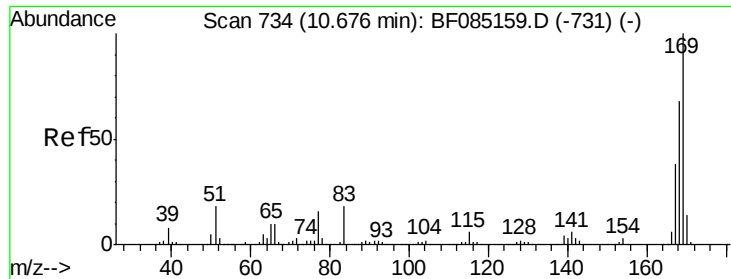
#64
4,6-Dinitro-2-methylphenol
Concen: 37.83 ng
RT: 10.57 min Scan# 725
Delta R.T. -0.04 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

Tgt Ion:198 Resp: 120436
Ion Ratio Lower Upper
198 100
51 61.3 9.5 49.5#
105 62.2 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

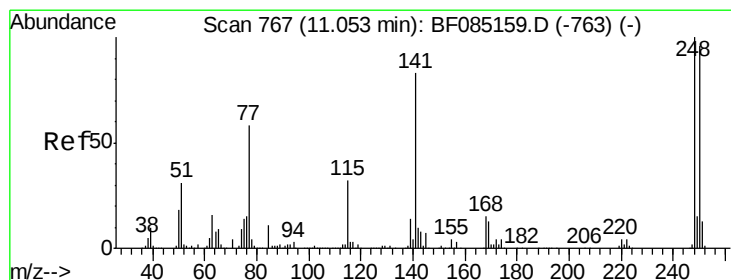
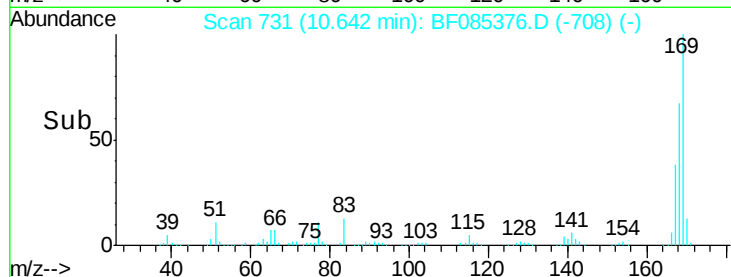
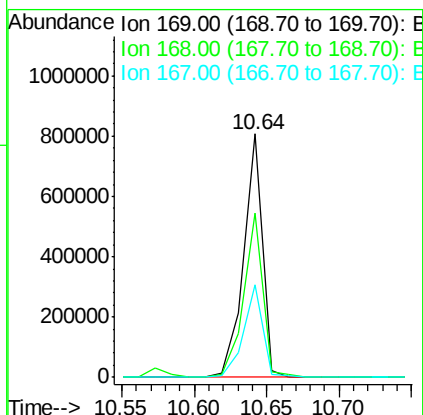
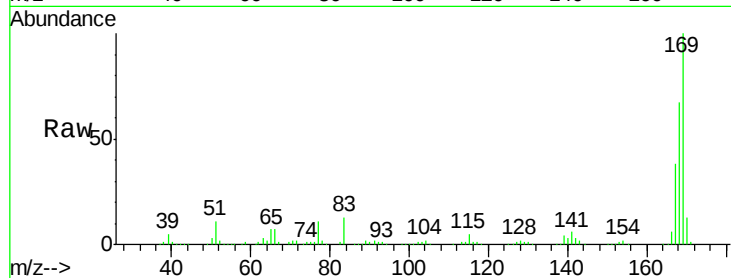




#65
n-Nitrosodiphenylamine
Concen: 44.01 ng
RT: 10.64 min Scan# 731
Delta R.T. -0.03 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

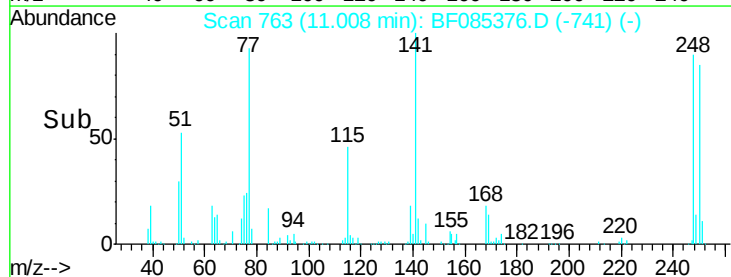
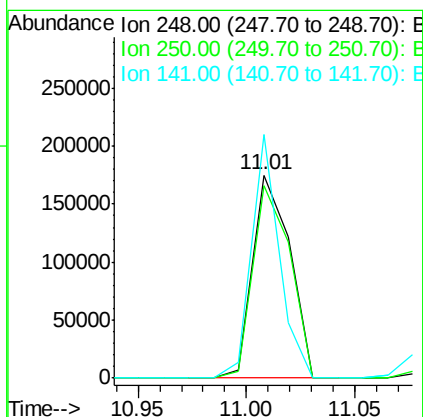
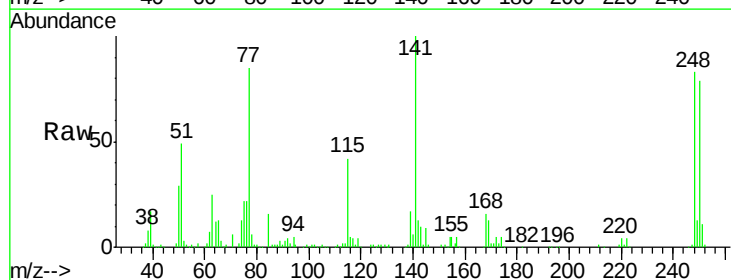
Instrument :
BNA_F
ClientSampleId :
PB88797BSD

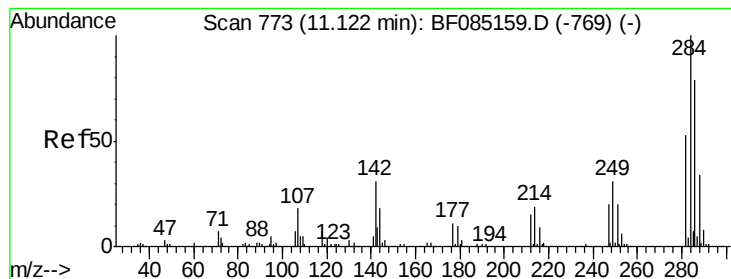
Tgt Ion:169 Resp: 727693
Ion Ratio Lower Upper
169 100
168 67.3 54.8 82.2
167 37.8 30.3 45.5



#66
4-Bromophenyl-phenylether
Concen: 40.38 ng
RT: 11.01 min Scan# 763
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

Tgt Ion:248 Resp: 208454
Ion Ratio Lower Upper
248 100
250 95.1 77.1 115.7
141 120.1 66.2 99.2#





#67

Hexachlorobenzene

Concen: 38.86 ng

RT: 11.08 min Scan# 769

Delta R.T. -0.05 min

Lab File: BF085376.D

Acq: 11 Mar 2016 17:07

Instrument :

BNA_F

ClientSampleId :

PB88797BSD

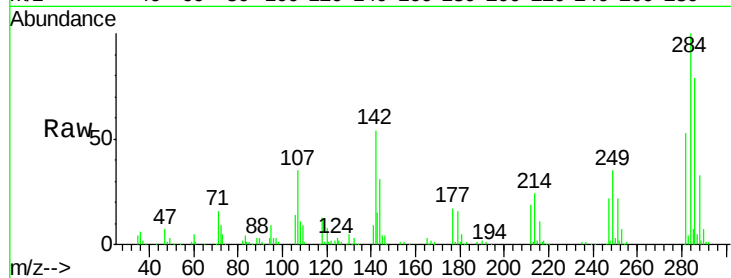
Tgt Ion:284 Resp: 214005

Ion Ratio Lower Upper

284 100

142 53.5 24.9 37.3#

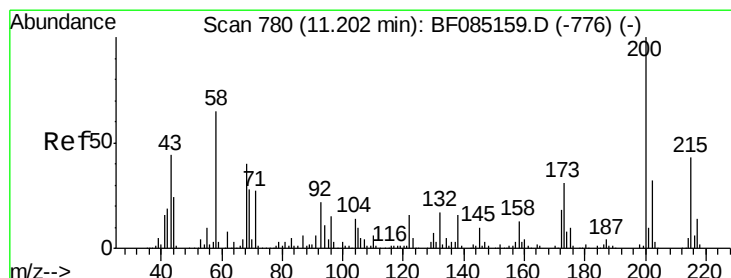
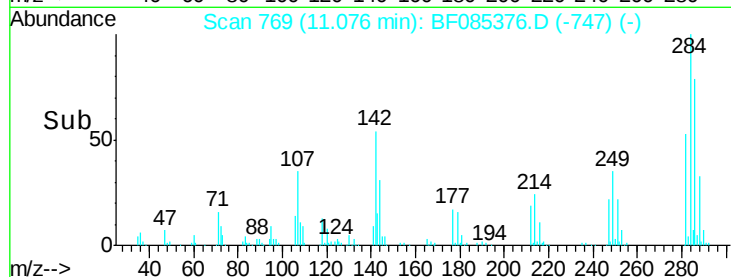
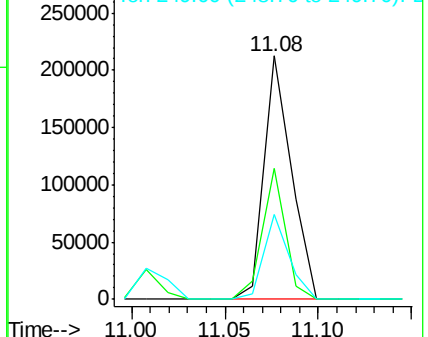
249 34.8 25.0 37.4



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: 50.43 ng

RT: 11.17 min Scan# 777

Delta R.T. -0.03 min

Lab File: BF085376.D

Acq: 11 Mar 2016 17:07

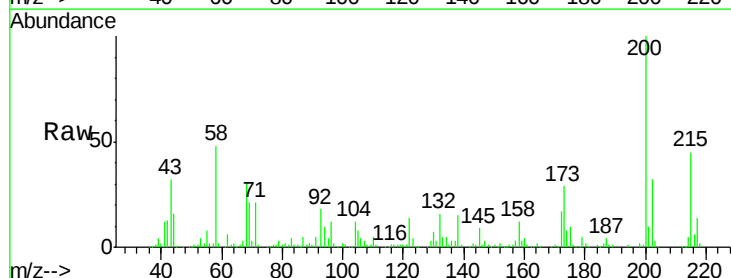
Tgt Ion:200 Resp: 231928

Ion Ratio Lower Upper

200 100

173 28.8 10.5 50.5

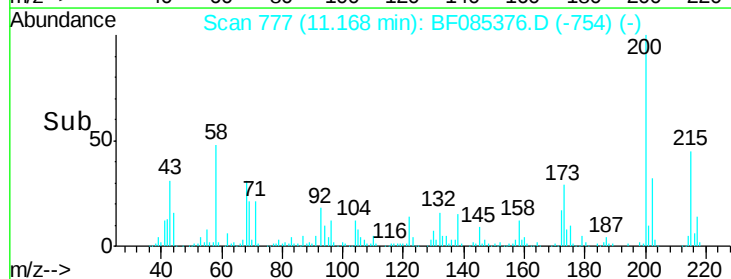
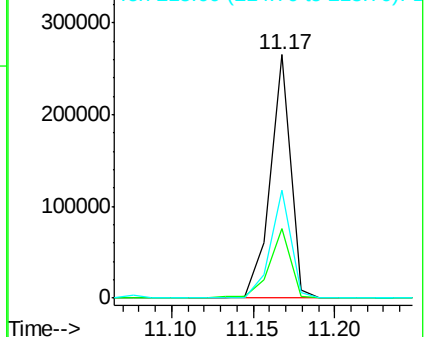
215 44.5 23.4 63.4



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

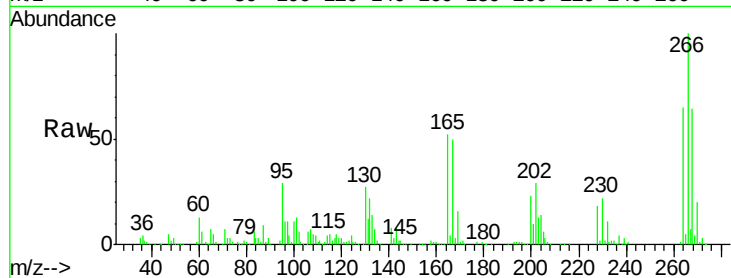




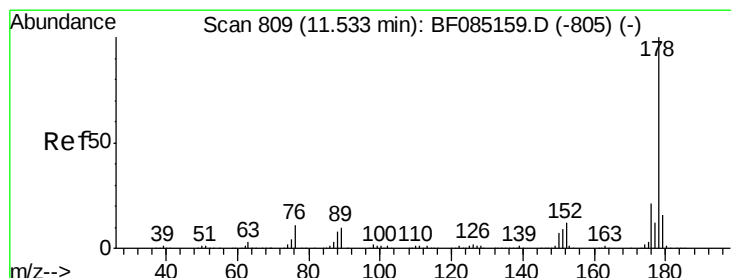
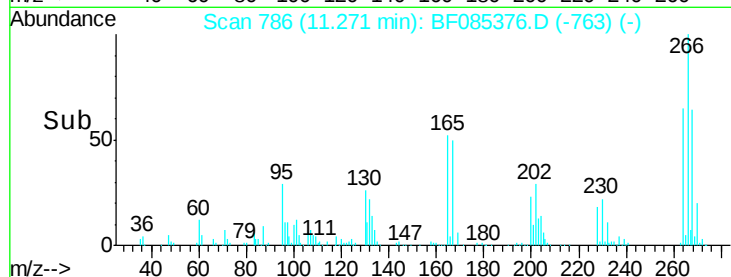
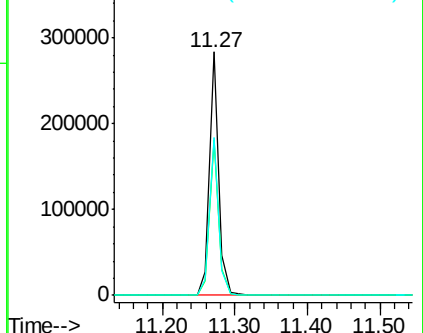
#69
 Pentachlorophenol
 Concen: 82.62 ng
 RT: 11.27 min Scan# 786
 Delta R.T. -0.03 min
 Lab File: BF085376.D
 Acq: 11 Mar 2016 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB88797BSD

Tgt Ion:266 Resp: 252562
 Ion Ratio Lower Upper
 266 100
 268 63.7 50.0 75.0
 264 64.9 51.4 77.2

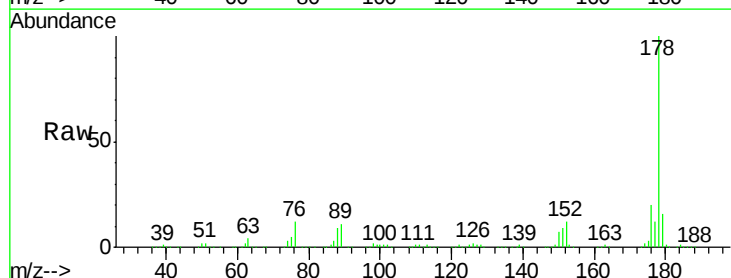


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

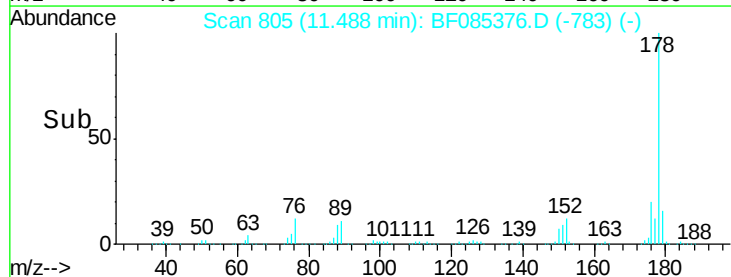
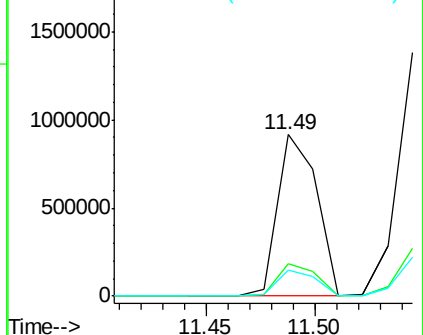


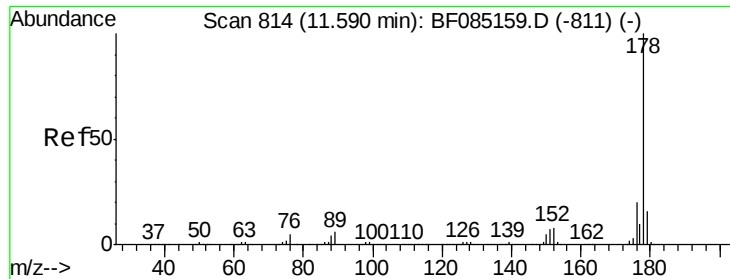
#70
 Phenanthrene
 Concen: 41.27 ng
 RT: 11.49 min Scan# 805
 Delta R.T. -0.05 min
 Lab File: BF085376.D
 Acq: 11 Mar 2016 17:07

Tgt Ion:178 Resp: 1149932
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.8 25.2
 179 16.0 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

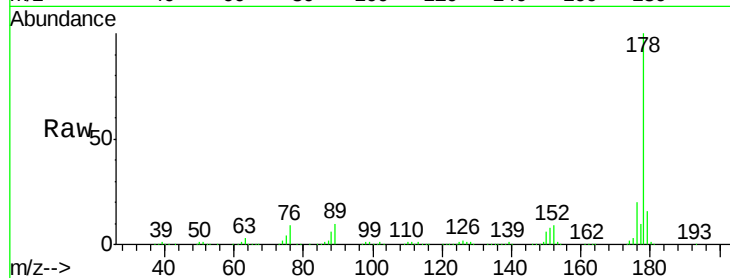




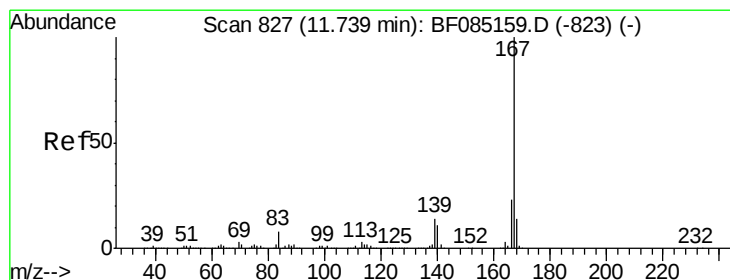
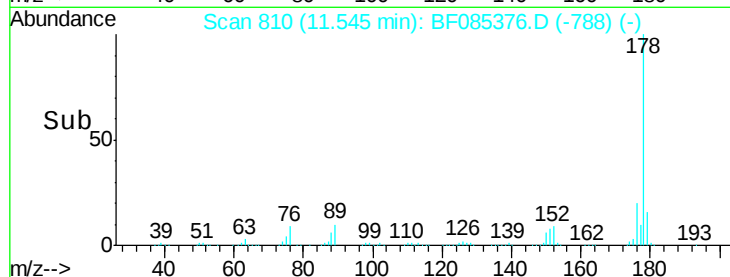
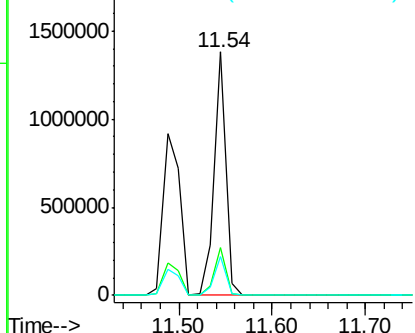
#71
 Anthracene
 Concen: 40.52 ng
 RT: 11.54 min Scan# 810
 Delta R.T. -0.05 min
 Lab File: BF085376.D
 Acq: 11 Mar 2016 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB88797BSD

Tgt Ion:178 Resp: 1198424
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.9 23.9
 179 16.1 12.5 18.7

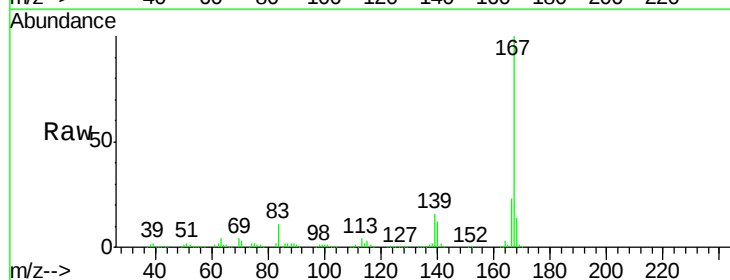


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

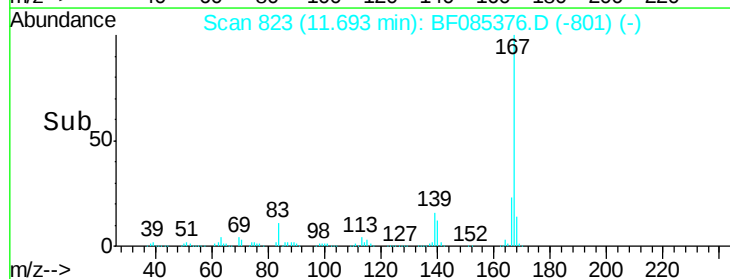
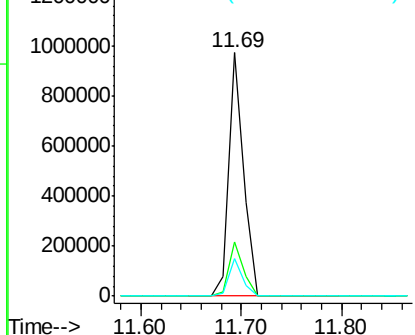


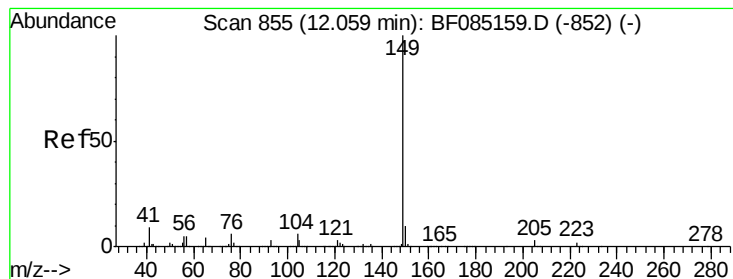
#72
 Carbazole
 Concen: 38.02 ng
 RT: 11.69 min Scan# 823
 Delta R.T. -0.05 min
 Lab File: BF085376.D
 Acq: 11 Mar 2016 17:07

Tgt Ion:167 Resp: 986023
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.2 27.2
 139 15.6 11.4 17.0



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.01 ng

RT: 12.02 min Scan# 852

Delta R.T. -0.03 min

Lab File: BF085376.D

Acq: 11 Mar 2016 17:07

Instrument :

BNA_F

ClientSampleId :

PB88797BSD

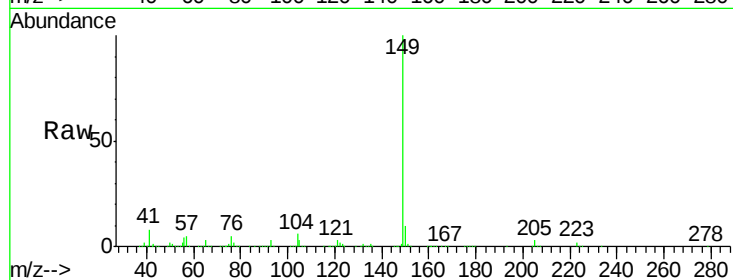
Tgt Ion:149 Resp: 1246037

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

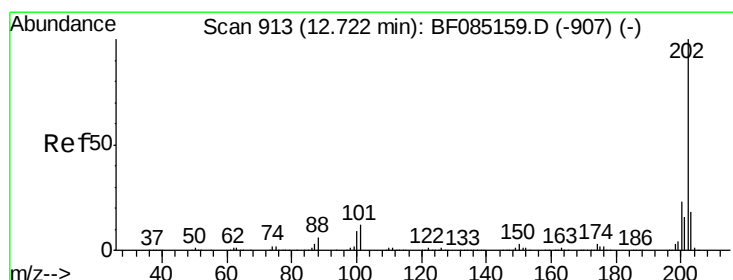
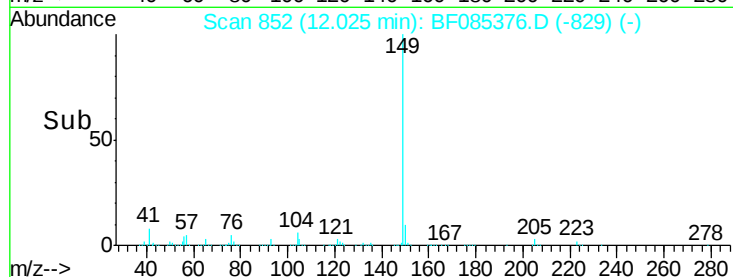
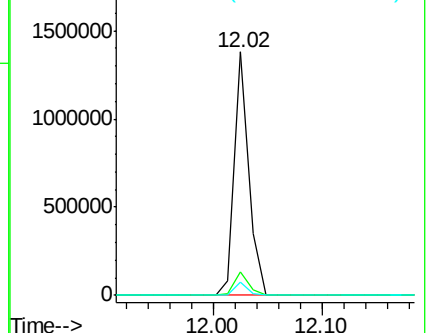
104 5.6 4.7 7.1



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: 38.04 ng

RT: 12.68 min Scan# 909

Delta R.T. -0.05 min

Lab File: BF085376.D

Acq: 11 Mar 2016 17:07

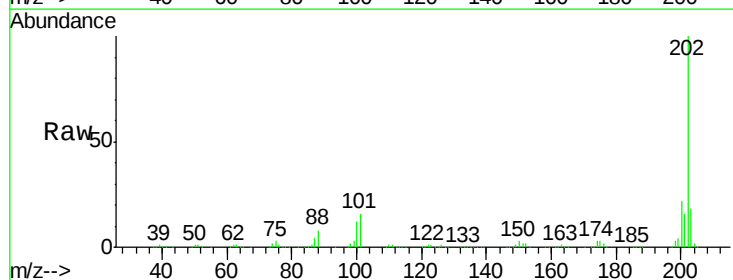
Tgt Ion:202 Resp: 1063537

Ion Ratio Lower Upper

202 100

101 16.0 0.0 31.8

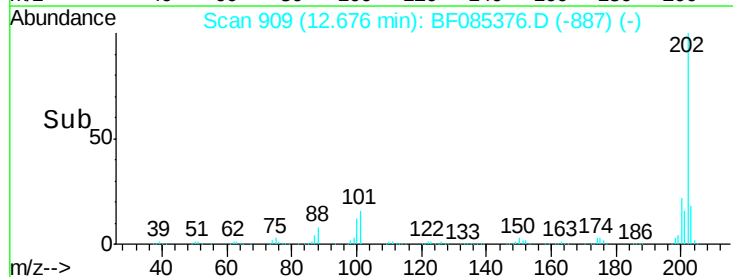
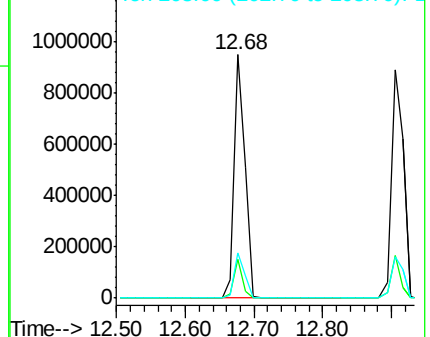
203 18.4 0.0 38.4

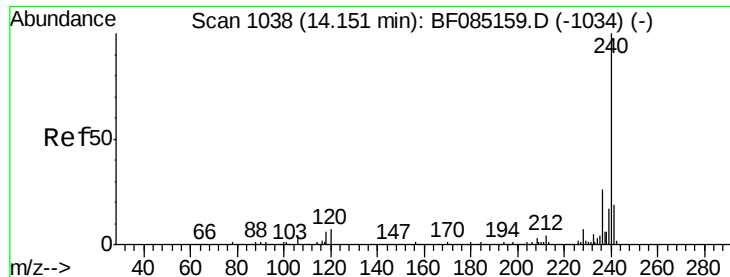


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.11 min Scan# 1034

Delta R.T. -0.05 min

Lab File: BF085376.D

Acq: 11 Mar 2016 17:07

Instrument :

BNA_F

ClientSampleId :

PB88797BSD

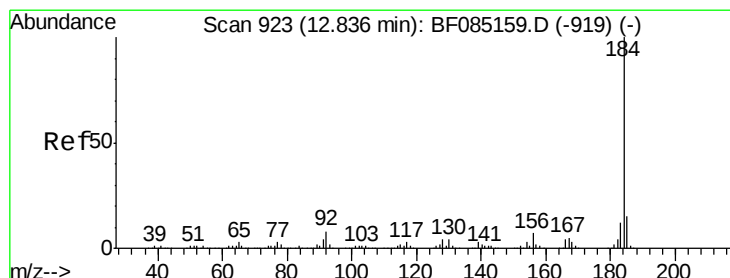
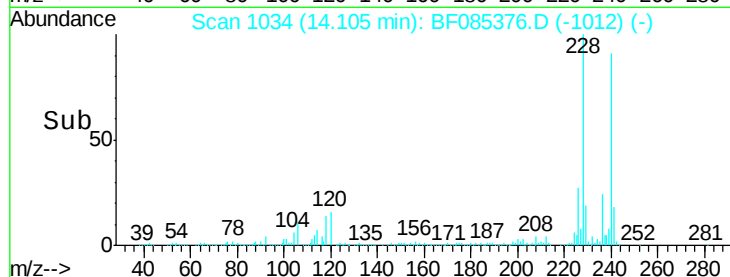
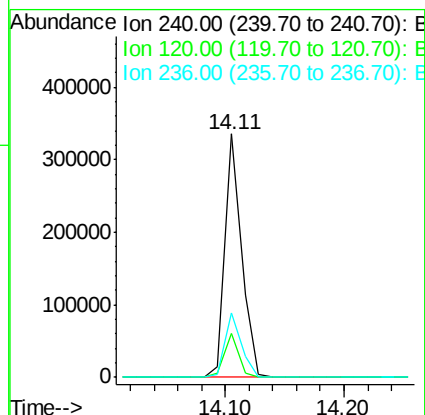
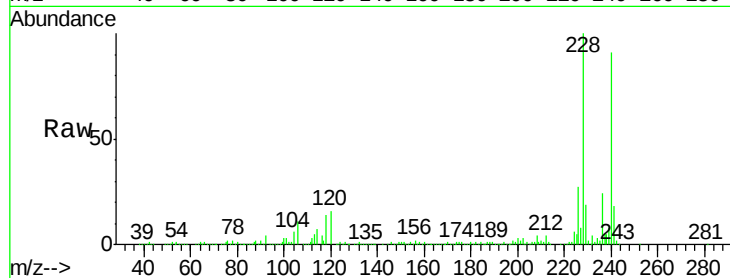
Tgt Ion:240 Resp: 322790

Ion Ratio Lower Upper

240 100

120 18.0 5.3 7.9#

236 26.3 20.7 31.1



#76

Benzidine

Concen: 41.86 ng

RT: 12.80 min Scan# 920

Delta R.T. -0.03 min

Lab File: BF085376.D

Acq: 11 Mar 2016 17:07

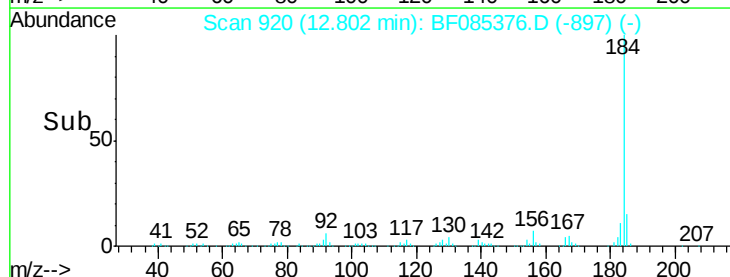
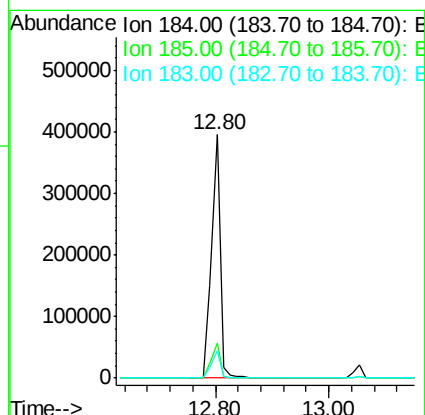
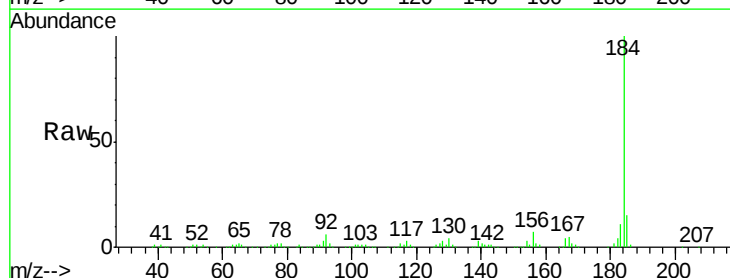
Tgt Ion:184 Resp: 402103

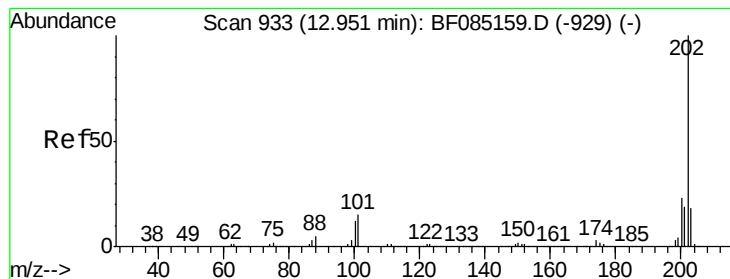
Ion Ratio Lower Upper

184 100

185 14.6 12.4 18.6

183 11.4 9.4 14.2





#77

Pyrene

Concen: 44.68 ng

RT: 12.91 min Scan# 929

Delta R.T. -0.05 min

Lab File: BF085376.D

Acq: 11 Mar 2016 17:07

Instrument :

BNA_F

ClientSampleId :

PB88797BSD

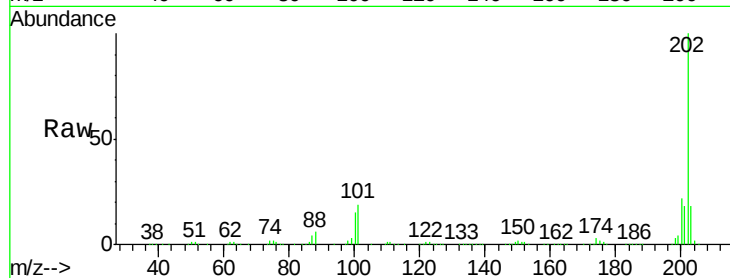
Tgt Ion:202 Resp: 1085448

Ion Ratio Lower Upper

202 100

200 22.0 18.2 27.4

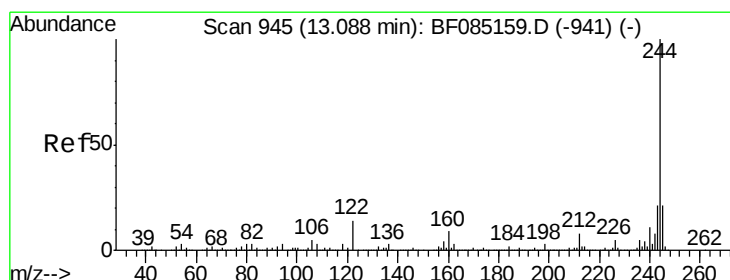
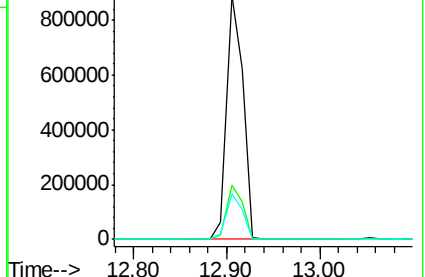
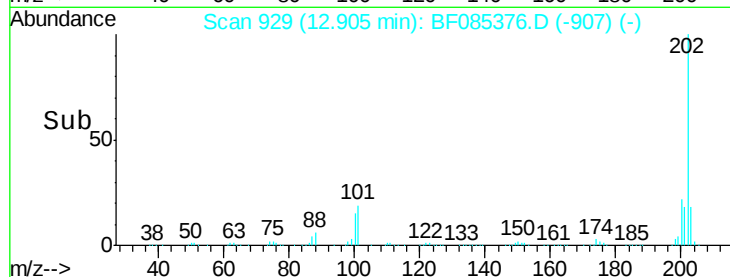
203 18.3 14.7 22.1



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: 93.10 ng

RT: 13.05 min Scan# 942

Delta R.T. -0.03 min

Lab File: BF085376.D

Acq: 11 Mar 2016 17:07

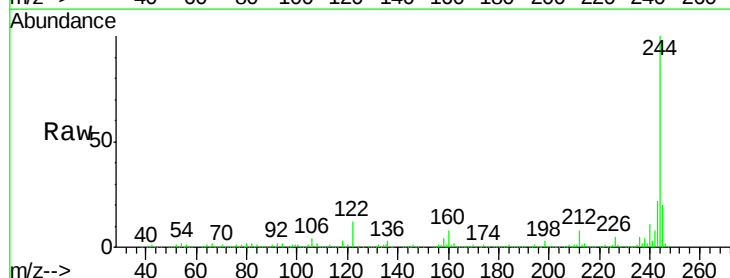
Tgt Ion:244 Resp: 1294593

Ion Ratio Lower Upper

244 100

212 7.6 6.4 9.6

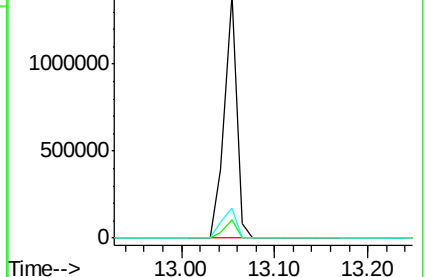
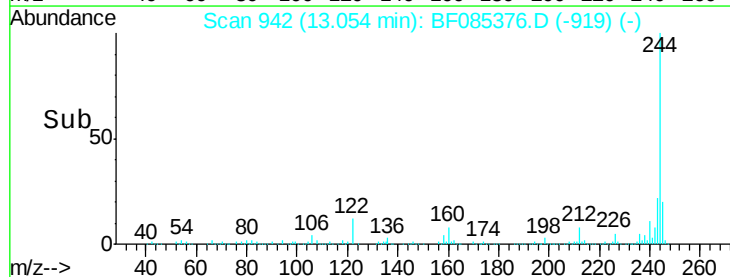
122 12.4 11.4 17.2

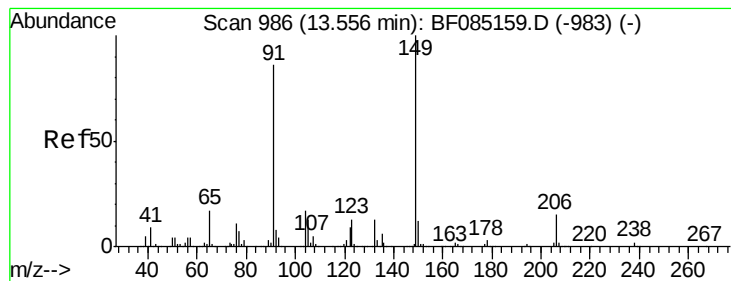


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 46.46 ng

RT: 13.52 min Scan# 983

Delta R.T. -0.03 min

Lab File: BF085376.D

Acq: 11 Mar 2016 17:07

Instrument :

BNA_F

ClientSampleId :

PB88797BSD

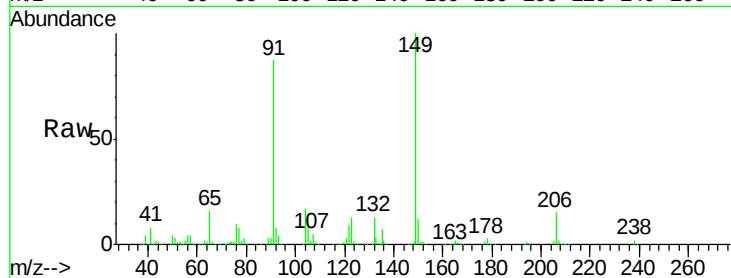
Tgt Ion:149 Resp: 512129

Ion Ratio Lower Upper

149 100

91 86.6 69.0 103.4

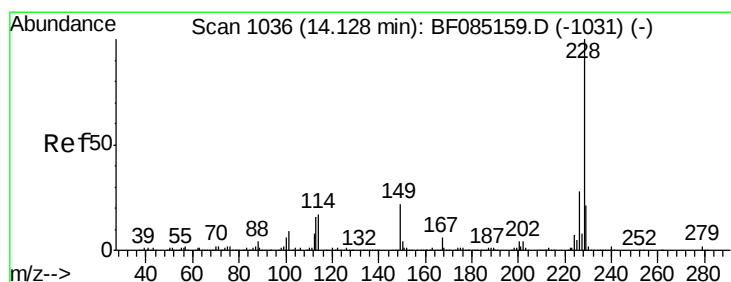
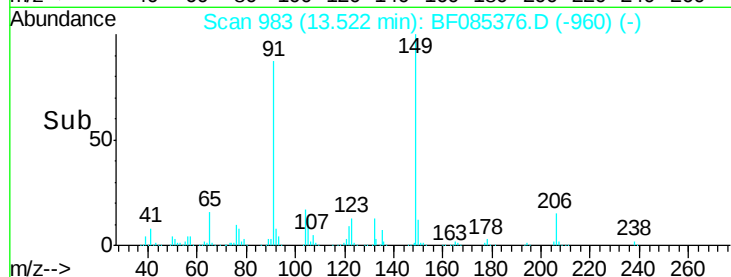
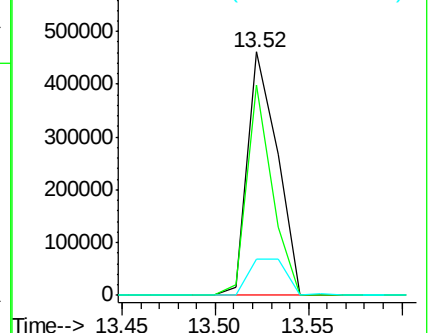
206 14.7 12.3 18.5



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: 39.41 ng

RT: 14.09 min Scan# 1033

Delta R.T. -0.03 min

Lab File: BF085376.D

Acq: 11 Mar 2016 17:07

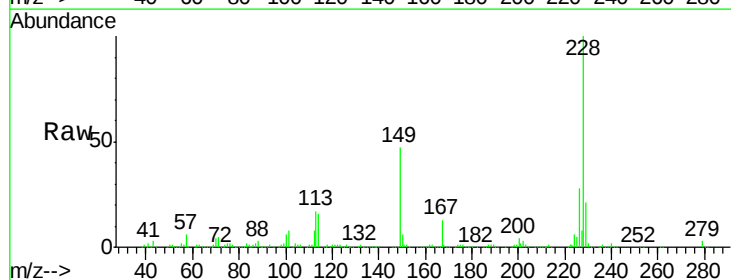
Tgt Ion:228 Resp: 761603

Ion Ratio Lower Upper

228 100

226 28.3 22.8 34.2

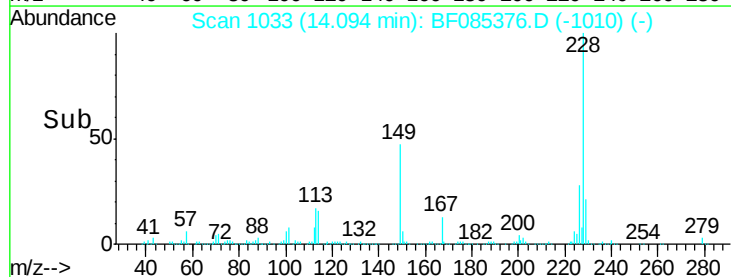
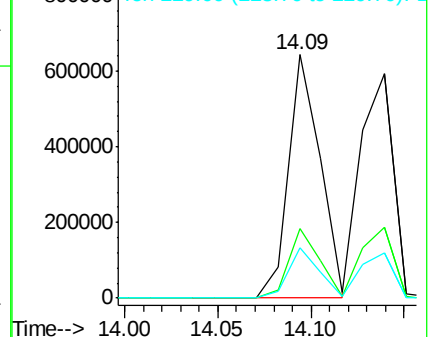
229 20.7 16.6 24.8

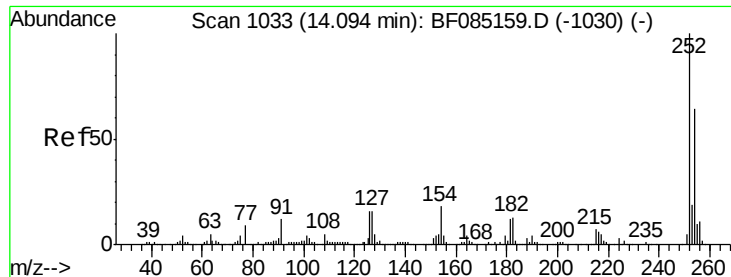


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

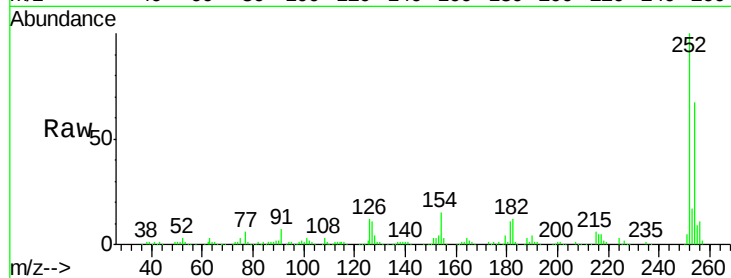




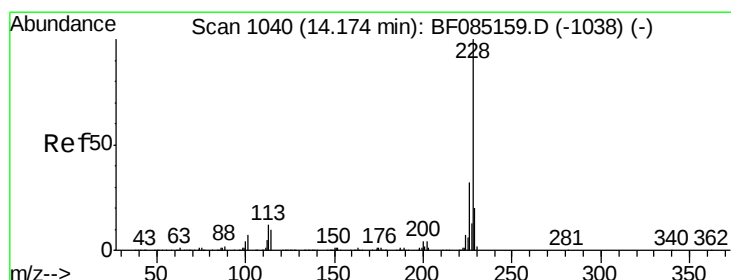
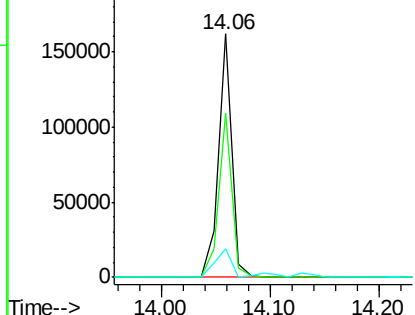
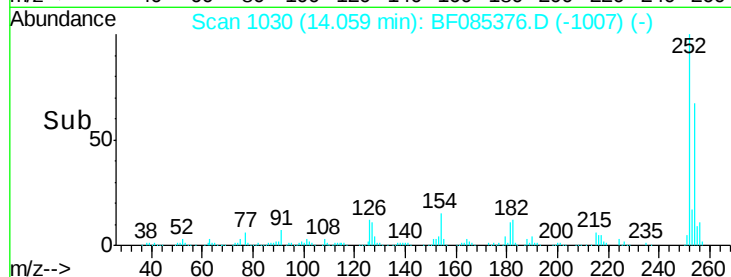
#81
 3,3'-Dichlorobenzidine
 Concen: 23.01 ng
 RT: 14.06 min Scan# 1030
 Delta R.T. -0.03 min
 Lab File: BF085376.D
 Acq: 11 Mar 2016 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB88797BSD

Tgt Ion: 252 Resp: 140296
 Ion Ratio Lower Upper
 252 100
 254 67.4 51.4 77.0
 126 11.6 12.9 19.3#

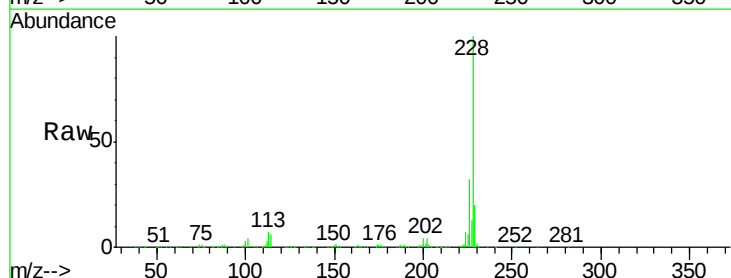


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

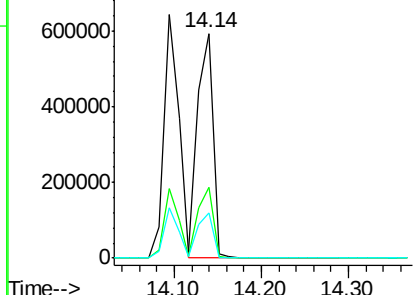
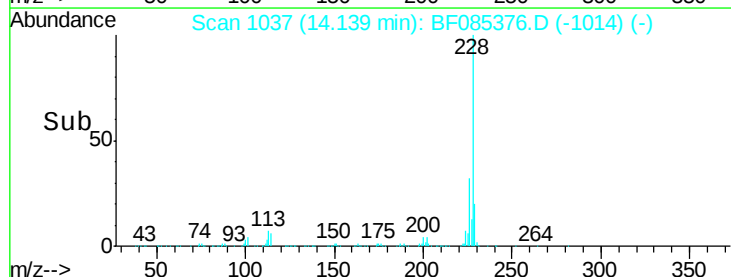


#82
 Chrysene
 Concen: 40.90 ng
 RT: 14.14 min Scan# 1037
 Delta R.T. -0.03 min
 Lab File: BF085376.D
 Acq: 11 Mar 2016 17:07

Tgt Ion: 228 Resp: 730110
 Ion Ratio Lower Upper
 228 100
 226 31.8 25.2 37.8
 229 20.0 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

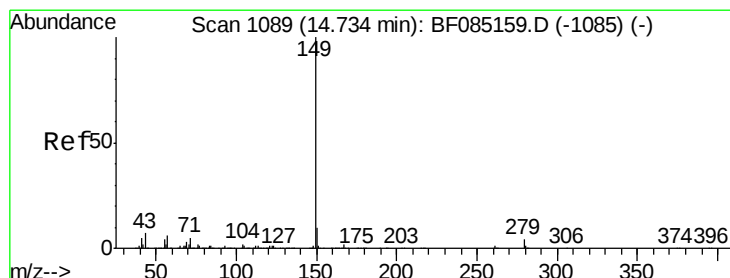
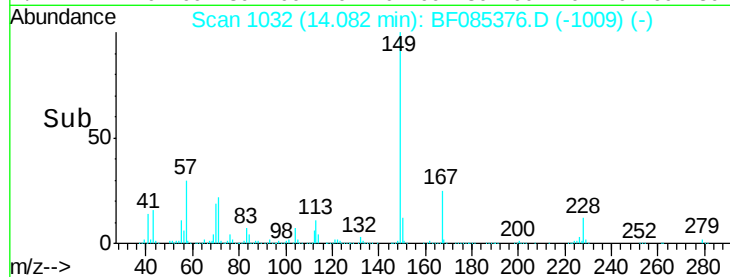
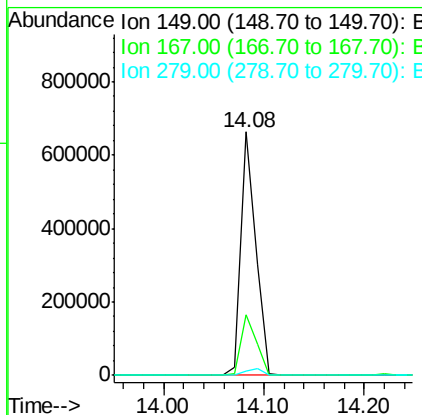
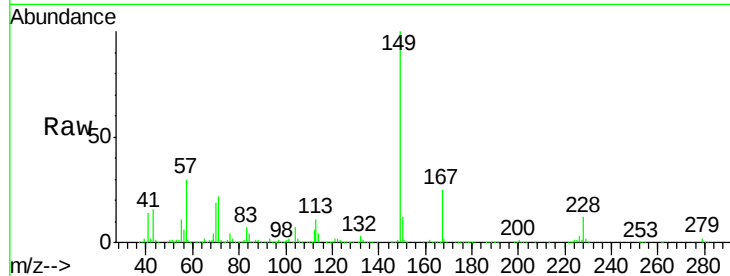




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.18 ng
 RT: 14.08 min Scan# 1032
 Delta R.T. -0.03 min
 Lab File: BF085376.D
 Acq: 11 Mar 2016 17:07

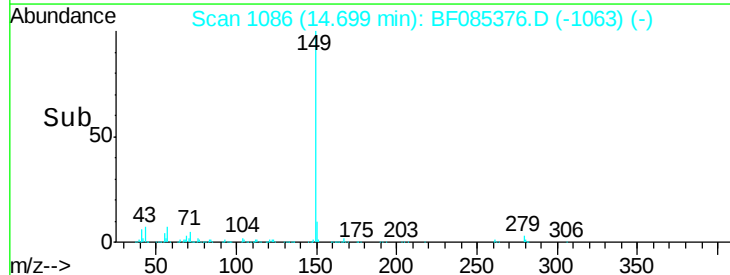
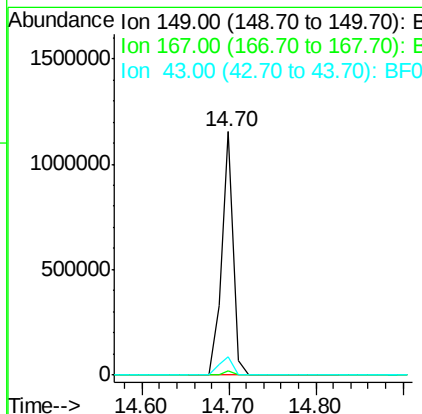
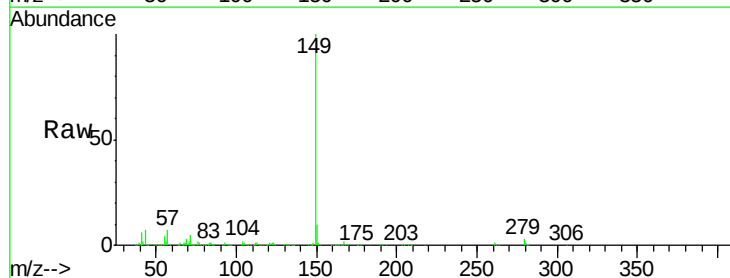
Instrument :
 BNA_F
 ClientSampleId :
 PB88797BSD

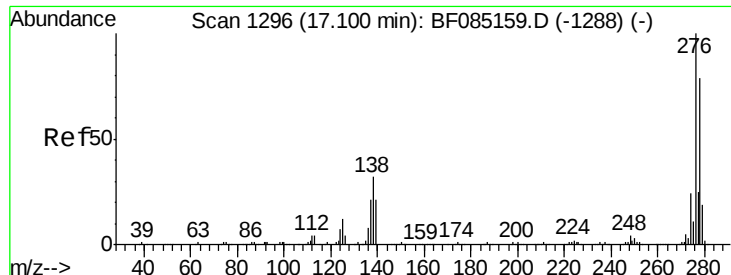
Tgt Ion:149 Resp: 684356
 Ion Ratio Lower Upper
 149 100
 167 24.7 20.3 30.5
 279 1.9 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 48.72 ng
 RT: 14.70 min Scan# 1086
 Delta R.T. -0.03 min
 Lab File: BF085376.D
 Acq: 11 Mar 2016 17:07

Tgt Ion:149 Resp: 1076483
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.1 1.7
 43 9.0 7.8 11.8

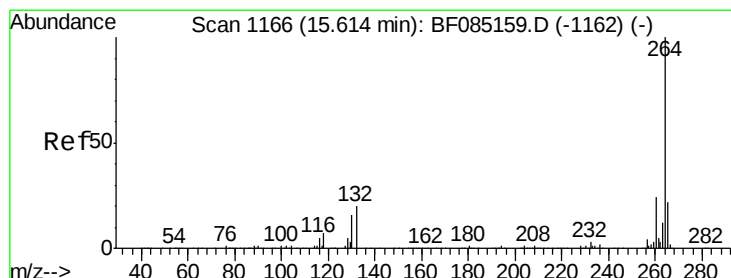
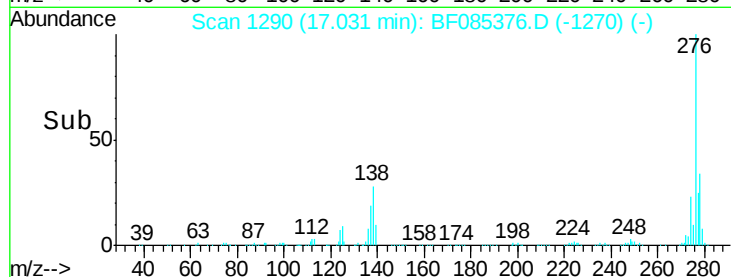
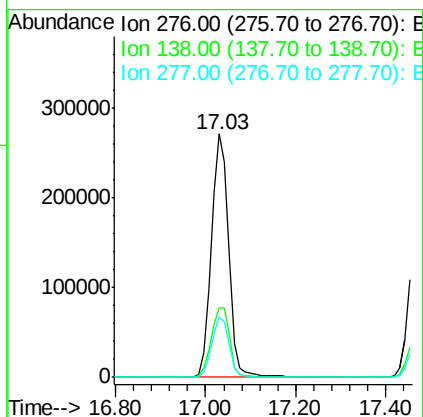
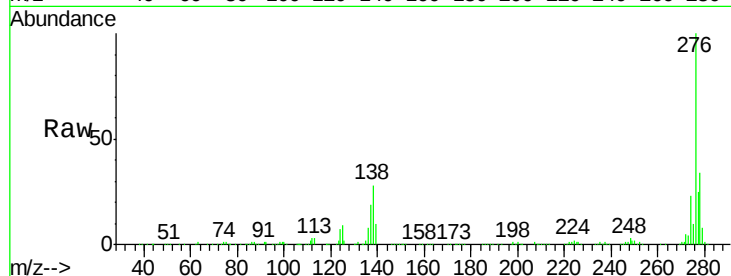




#85
Indeno(1,2,3-cd)pyrene
Concen: 52.17 ng
RT: 17.03 min Scan# 1290
Delta R.T. -0.07 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

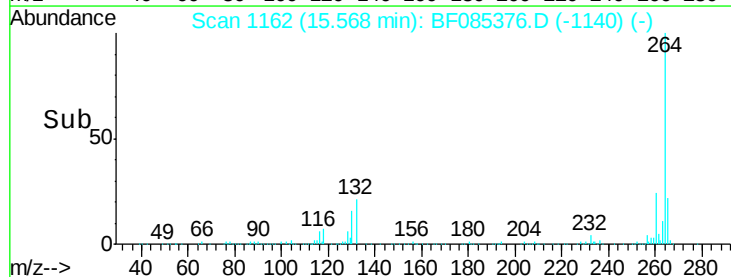
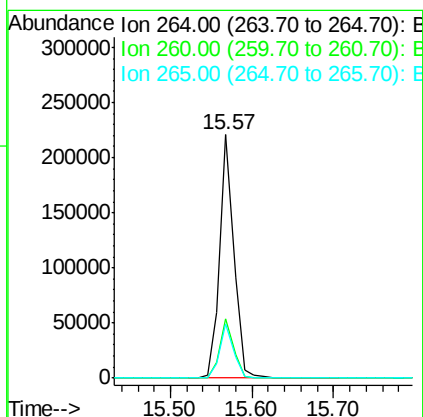
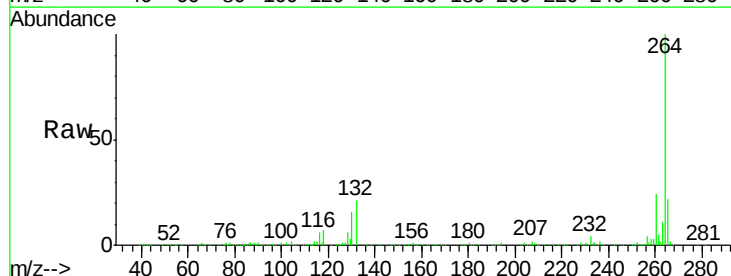
Instrument :
BNA_F
ClientSampleId :
PB88797BSD

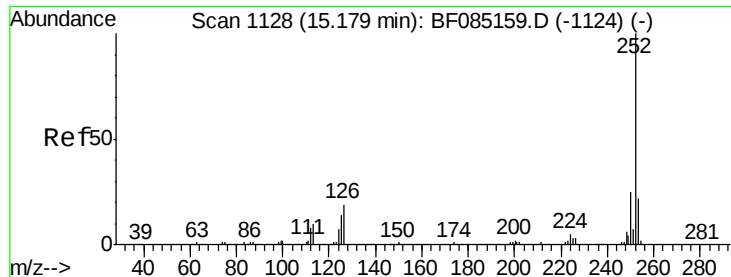
Tgt Ion:276 Resp: 726745
Ion Ratio Lower Upper
276 100
138 30.7 26.4 39.6
277 25.0 20.2 30.2



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 1162
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

Tgt Ion:264 Resp: 266376
Ion Ratio Lower Upper
264 100
260 24.4 19.2 28.8
265 22.0 17.3 25.9

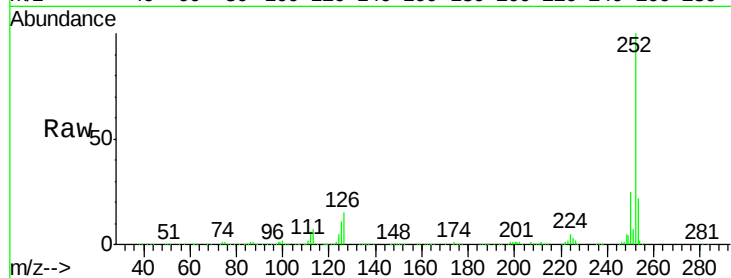




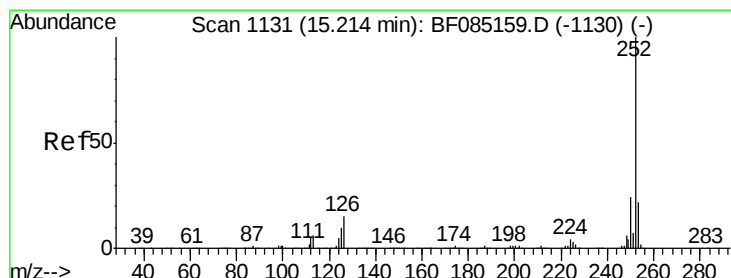
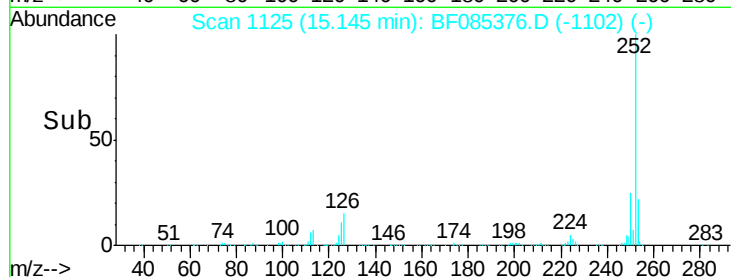
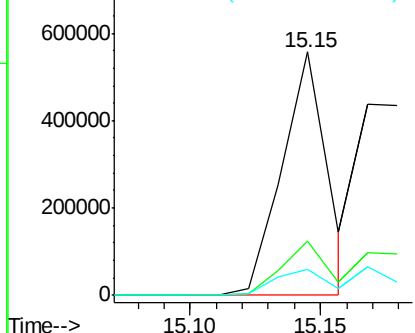
#87
Benzo(b)fluoranthene
Concen: 37.56 ng
RT: 15.15 min Scan# 1125
Delta R.T. -0.03 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

Instrument :
BNA_F
ClientSampleId :
PB88797BSD

Tgt Ion:252 Resp: 666956
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 10.7 11.3 16.9#

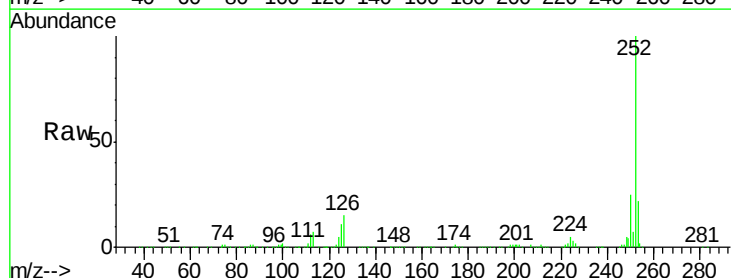


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

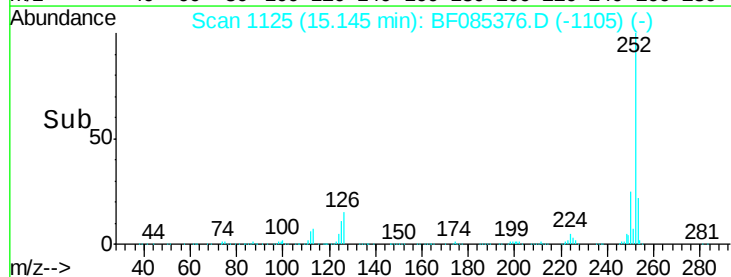
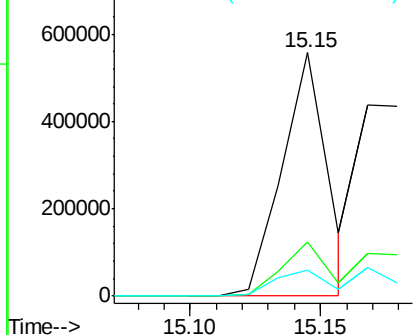


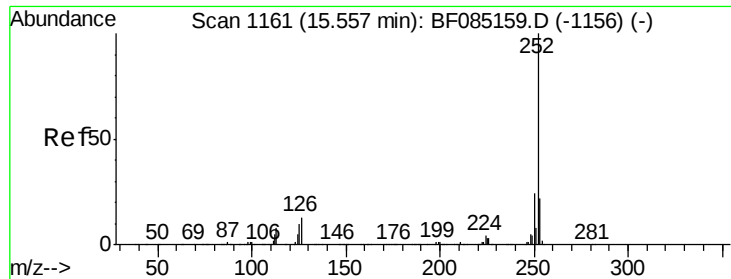
#88
Benzo(k)fluoranthene
Concen: 46.57 ng
RT: 15.15 min Scan# 1125
Delta R.T. -0.07 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

Tgt Ion:252 Resp: 666956
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 10.7 10.4 15.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 43.18 ng

RT: 15.51 min Scan# 1157

Delta R.T. -0.05 min

Lab File: BF085376.D

Acq: 11 Mar 2016 17:07

Instrument :

BNA_F

ClientSampleId :

PB88797BSD

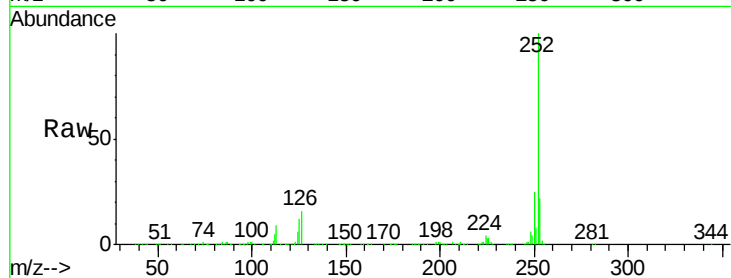
Tgt Ion:252 Resp: 635317

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

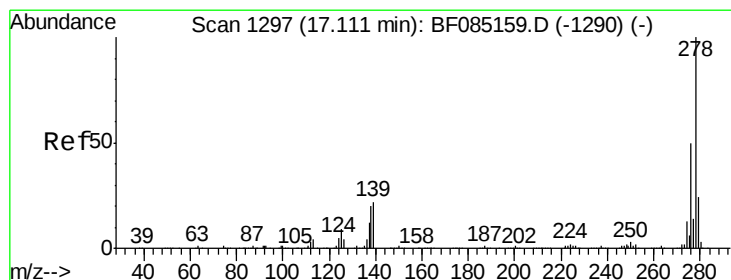
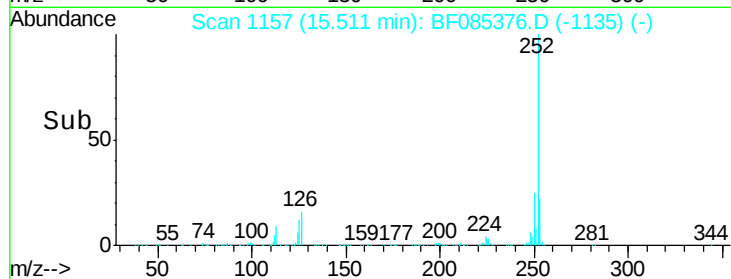
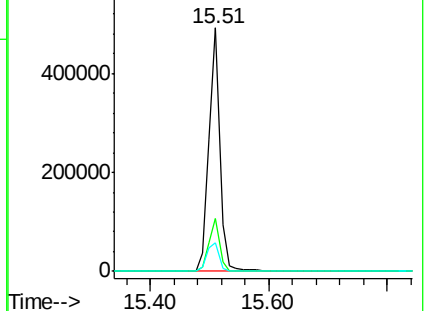
125 11.7 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 47.95 ng

RT: 17.05 min Scan# 1292

Delta R.T. -0.06 min

Lab File: BF085376.D

Acq: 11 Mar 2016 17:07

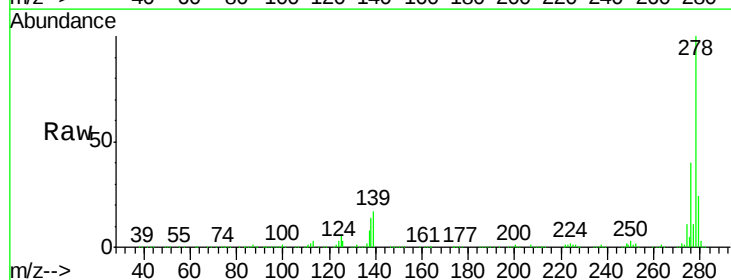
Tgt Ion:278 Resp: 602289

Ion Ratio Lower Upper

278 100

139 17.4 17.3 25.9

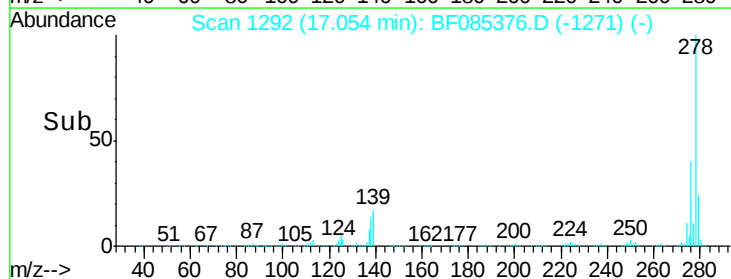
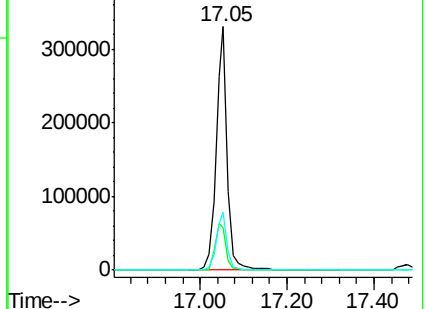
279 23.7 19.2 28.8

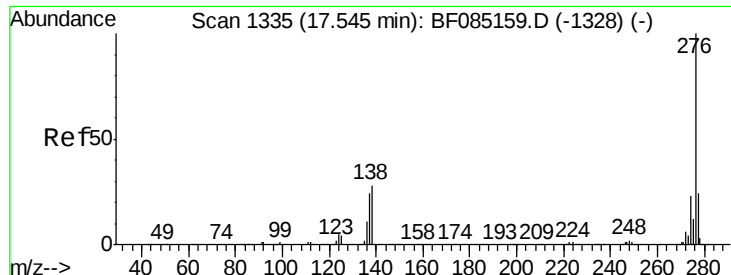


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 48.67 ng

RT: 17.48 min Scan# 1329

Delta R.T. -0.07 min

Lab File: BF085376.D

Acq: 11 Mar 2016 17:07

Instrument :

BNA_F

ClientSampleId :

PB88797BSD

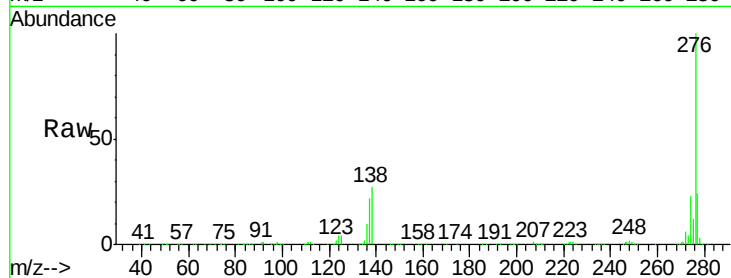
Tgt Ion: 276 Resp: 614651

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.4

138 27.1 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

