

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
 Data File : BF085622.D
 Acq On : 21 Mar 2016 15:12
 Operator : UM/SJ
 Sample : PB89047BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89047BS

Quant Time: Mar 22 00:02:22 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	124906	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	506001	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	231120	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	435375	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	331705	20.00	ng	-0.01
86) Perylene-d12	15.42	264	225340	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	833389	112.07	ng	0.00
7) Phenol-d6	6.48	99	1033309	108.34	ng	-0.01
23) Nitrobenzene-d5	7.41	82	641624	73.60	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	295855	130.68	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1155782	85.41	ng	-0.02
78) Terphenyl-d14	12.95	244	1106581	80.28	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	117881	32.61	ng	98
3) Pyridine	3.25	79	295088	33.24	ng	100
4) n-Nitrosodimethylamine	3.19	42	132294	35.70	ng	99
6) Aniline	6.50	93	202311	15.79	ng	99
8) 2-Chlorophenol	6.63	128	342599	39.82	ng	97
9) Benzaldehyde	6.39	77	40498	6.33	ng	90
10) Phenol	6.49	94	425606	39.18	ng	97
11) bis(2-Chloroethyl)ether	6.58	93	324049	39.57	ng	96
12) 1,3-Dichlorobenzene	7.02	146	316088	33.72	ng	99
13) 1,4-Dichlorobenzene	6.86	146	339209	35.47	ng	98
14) 1,2-Dichlorobenzene	7.02	146	316049	37.23	ng	96
15) Benzyl Alcohol	6.98	79	244205	37.38	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	376228	34.93	ng	98
17) 2-Methylphenol	7.10	107	264519	37.09	ng	99
18) Hexachloroethane	7.35	117	125290	36.29	ng	# 82
19) n-Nitroso-di-n-propylamine	7.26	70	196735	34.53	ng	94
20) 3+4-Methylphenols	7.26	107	325672	39.43	ng	91
22) Acetophenone	7.26	105	415966	34.64	ng	# 96
24) Nitrobenzene	7.43	77	359594	37.69	ng	89
25) Isophorone	7.67	82	641563	36.76	ng	96
26) 2-Nitrophenol	7.75	139	179566	38.08	ng	# 89
27) 2,4-Dimethylphenol	7.78	122	304101	36.47	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	372316	37.50	ng	99
29) 2,4-Dichlorophenol	7.99	162	276213	40.11	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	274668	35.61	ng	97
31) Naphthalene	8.15	128	918267	35.95	ng	100
32) Benzoic acid	7.91	122	171278	24.56	ng	90
33) 4-Chloroaniline	8.20	127	75831	7.24	ng	# 94
34) Hexachlorobutadiene	8.26	225	140403	34.15	ng	98
35) Caprolactam	8.61	113	24071	10.16	ng	93
36) 4-Chloro-3-methylphenol	8.69	107	289164	35.95	ng	98
37) 2-Methylnaphthalene	8.85	142	643445	41.33	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	240445	34.30	ng	98
40) Hexachlorocyclopentadiene	9.00	237	247105	78.20	ng	98

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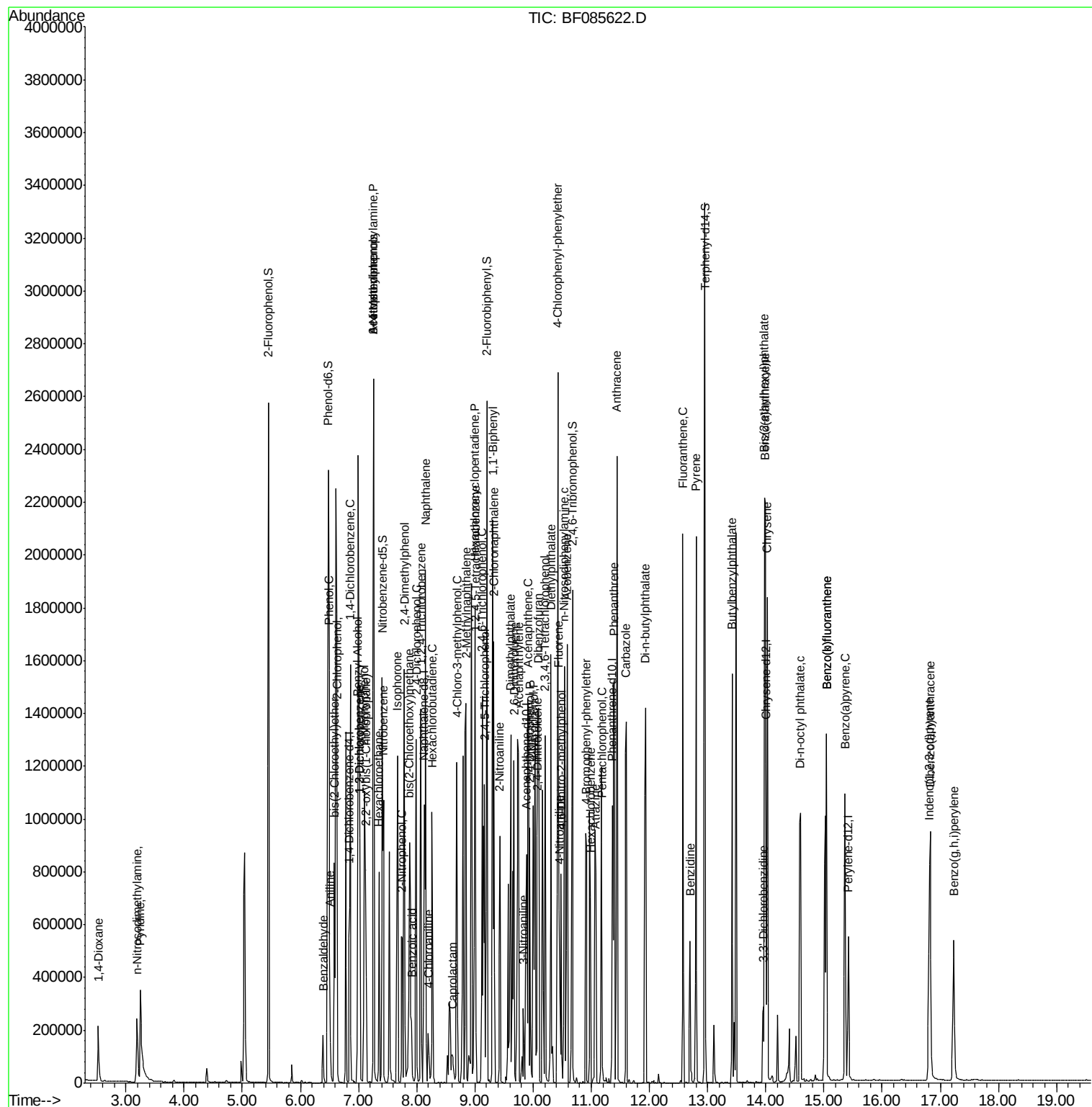
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	189293	39.44	ng	99
43) 2,4,5-Trichlorophenol	9.17	196	191764	39.26	ng	# 94
45) 1,1'-Biphenyl	9.30	154	673474	33.78	ng	98
46) 2-Chloronaphthalene	9.33	162	527724	36.24	ng	92
47) 2-Nitroaniline	9.43	65	180743	41.02	ng	# 84
48) Acenaphthylene	9.75	152	914808	38.81	ng	99
49) Dimethylphthalate	9.61	163	700593	40.17	ng	98
50) 2,6-Dinitrotoluene	9.67	165	146798	39.87	ng	89
51) Acenaphthene	9.92	154	612472	41.41	ng	99
52) 3-Nitroaniline	9.83	138	56476	12.25	ng	89
53) 2,4-Dinitrophenol	9.94	184	129572	57.45	ng	98
54) Dibenzofuran	10.09	168	798833	44.35	ng	97
55) 4-Nitrophenol	10.00	139	216213	60.67	ng	89
56) 2,4-Dinitrotoluene	10.07	165	185440	38.47	ng	# 44
57) Fluorene	10.44	166	577732	38.49	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	147523	41.95	ng	98
59) Diethylphthalate	10.31	149	687365	39.64	ng	99
60) 4-Chlorophenyl-phenylether	10.42	204	289451	39.49	ng	91
61) 4-Nitroaniline	10.45	138	152951	33.65	ng	89
62) Azobenzene	10.58	77	715021	42.97	ng	95
64) 4,6-Dinitro-2-methylphenol	10.48	198	93813	33.67	ng	86
65) n-Nitrosodiphenylamine	10.54	169	523352	38.59	ng	99
66) 4-Bromophenyl-phenylether	10.92	248	174975	40.23	ng	# 87
67) Hexachlorobenzene	10.98	284	180514	39.07	ng	# 86
68) Atrazine	11.08	200	179696	43.52	ng	94
69) Pentachlorophenol	11.18	266	185856	66.25	ng	99
70) Phenanthrene	11.40	178	930691	40.54	ng	99
71) Anthracene	11.44	178	889757	36.96	ng	99
72) Carbazole	11.60	167	835030	40.21	ng	98
73) Di-n-butylphthalate	11.93	149	1052211	40.46	ng	98
74) Fluoranthene	12.57	202	824813	34.31	ng	98
76) Benzidine	12.70	184	234723	21.04	ng	98
77) Pyrene	12.80	202	851987	35.77	ng	100
79) Butylbenzylphthalate	13.42	149	393701	34.68	ng	# 76
80) Benzo(a)anthracene	13.99	228	719515	37.36	ng	99
81) 3,3'-Dichlorobenzidine	13.96	252	86938	12.32	ng	# 96
82) Chrysene	14.03	228	571162	30.83	ng	100
83) Bis(2-ethylhexyl)phthalate	13.98	149	457954	32.47	ng	99
84) Di-n-octyl phthalate	14.60	149	761230	33.12	ng	98
85) Indeno(1,2,3-cd)pyrene	16.81	276	515463	33.30	ng	99
87) Benzo(b)fluoranthene	15.04	252	1078145	73.33	ng	99
88) Benzo(k)fluoranthene	15.04	252	1078637	89.04	ng	# 97
89) Benzo(a)pyrene	15.36	252	498896	40.02	ng	99
90) Dibenzo(a,h)anthracene	16.83	278	433210	41.67	ng	98
91) Benzo(g,h,i)perylene	17.24	276	435723	43.30	ng	95

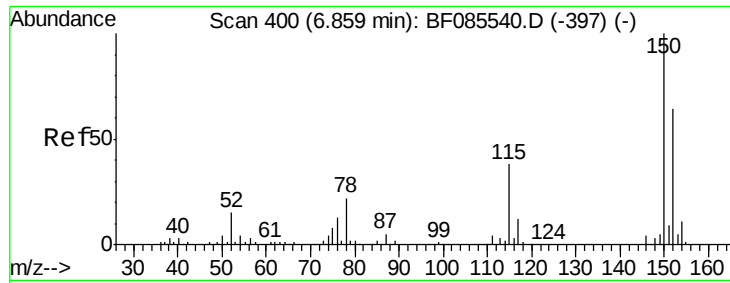
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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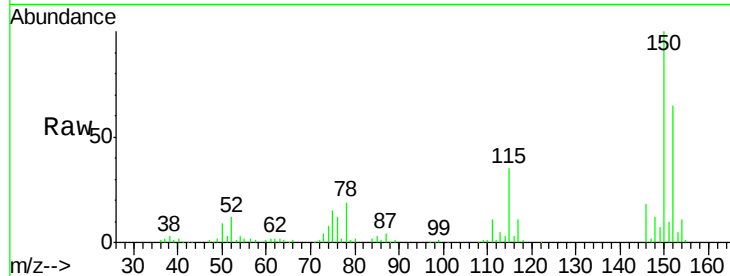


#1

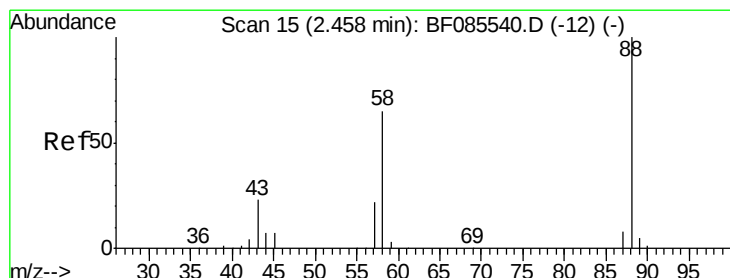
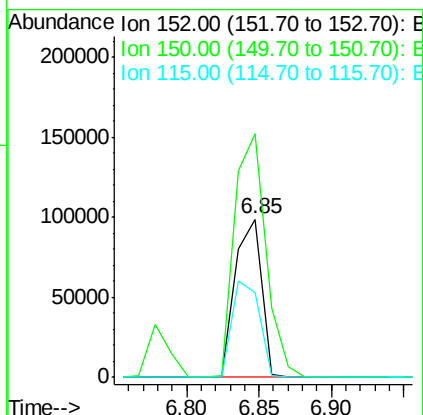
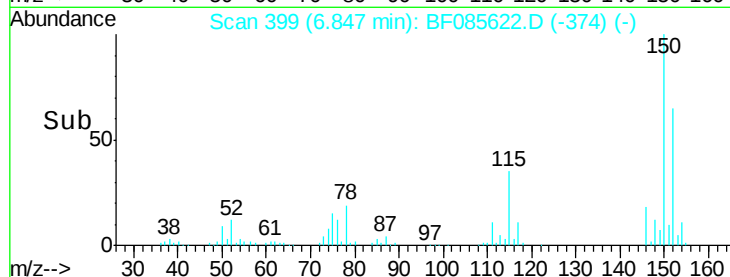
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF085622.D
Acq: 21 Mar 2016 15:12

Instrument :
BNA_F
ClientSampleId :
PB89047BS

Tgt Ion:152 Resp: 124906
Ion Ratio Lower Upper
152 100
150 153.7 124.2 186.2
115 53.6 47.0 70.6



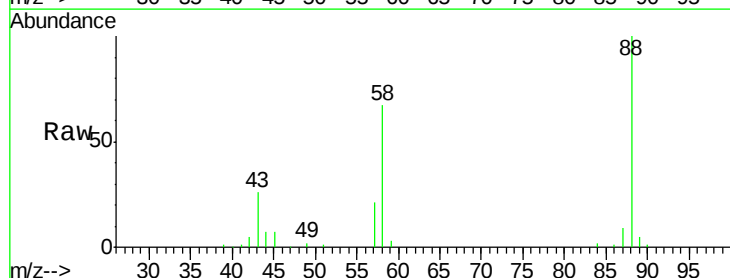
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



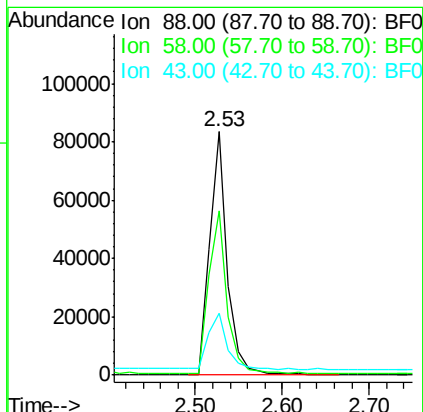
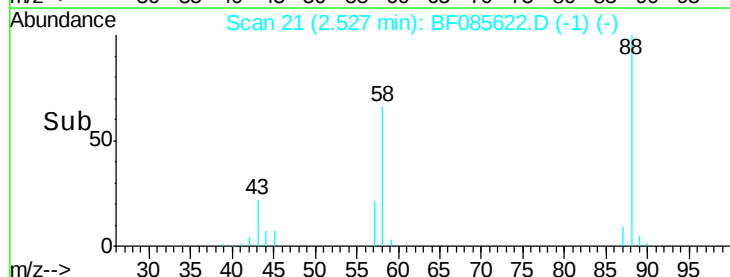
#2

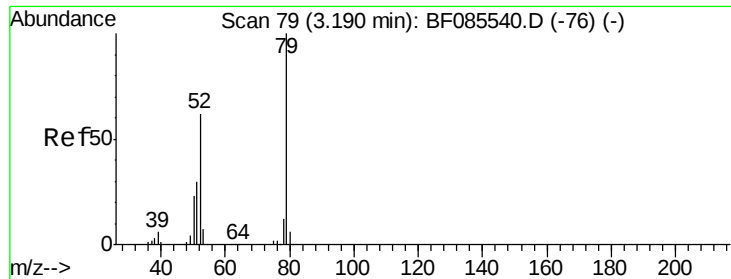
1,4-Dioxane
Concen: 32.61 ng
RT: 2.53 min Scan# 21
Delta R.T. 0.07 min
Lab File: BF085622.D
Acq: 21 Mar 2016 15:12

Tgt Ion: 88 Resp: 117881
Ion Ratio Lower Upper
88 100
58 69.1 54.2 81.2
43 25.4 19.3 28.9



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





#3

Pyridine

Concen: 33.24 ng

RT: 3.25 min Scan# 84

Delta R.T. 0.06 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

Instrument :

BNA_F

ClientSampleId :

PB89047BS

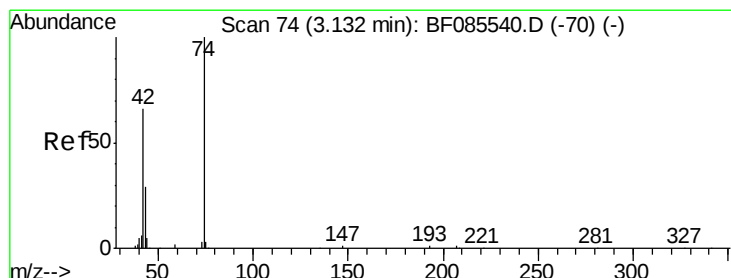
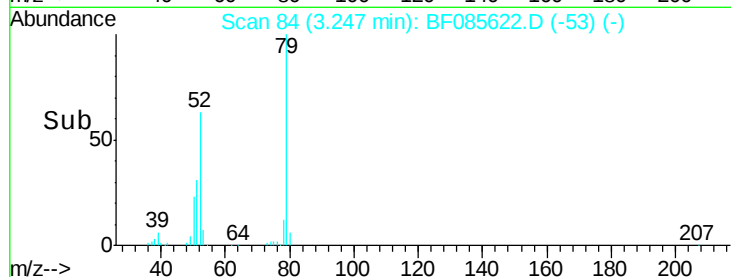
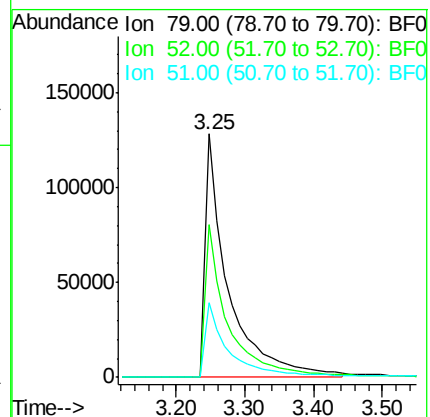
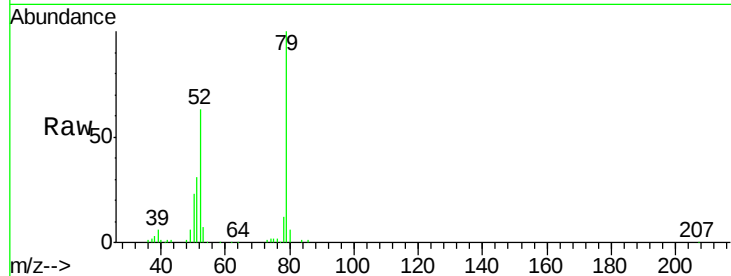
Tgt Ion: 79 Resp: 295088

Ion Ratio Lower Upper

79 100

52 62.6 49.8 74.6

51 30.9 24.7 37.1



#4

n-Nitrosodimethylamine

Concen: 35.70 ng

RT: 3.19 min Scan# 79

Delta R.T. 0.06 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

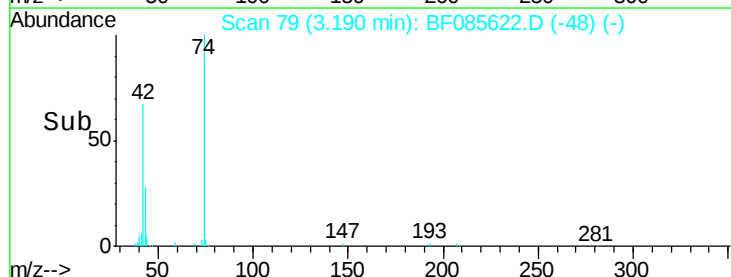
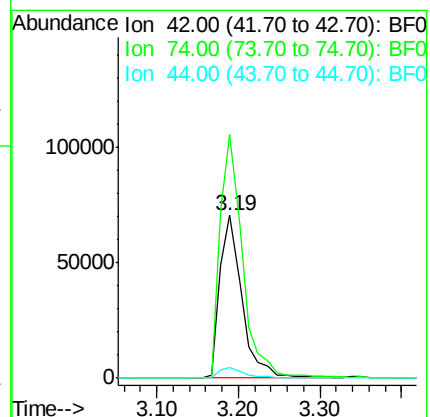
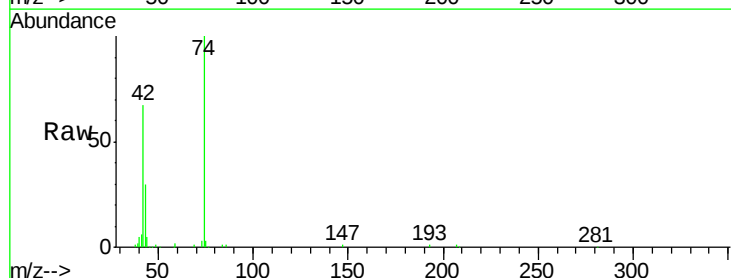
Tgt Ion: 42 Resp: 132294

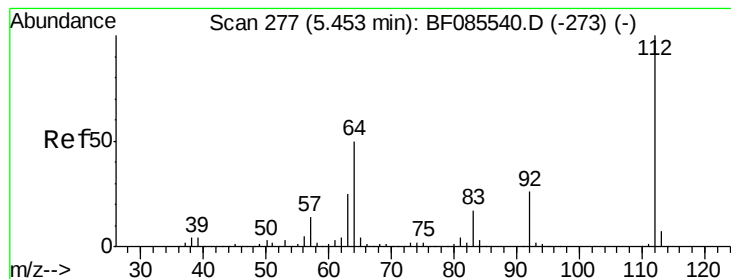
Ion Ratio Lower Upper

42 100

74 149.8 121.4 182.2

44 6.8 5.6 8.4





#5

2-Fluorophenol

Concen: 112.07 ng

RT: 5.45 min Scan# 277

Delta R.T. 0.00 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

Instrument :

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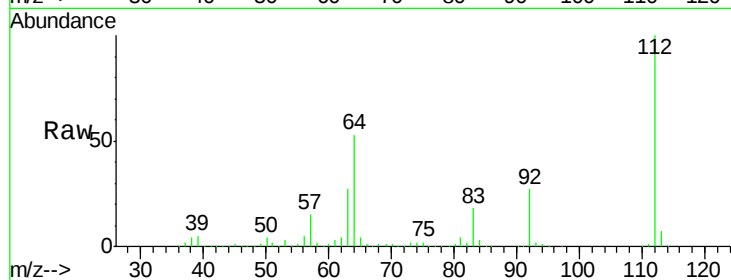
Tgt Ion: 112 Resp: 833389

Ion Ratio Lower Upper

112 100

64 53.0 39.9 59.9

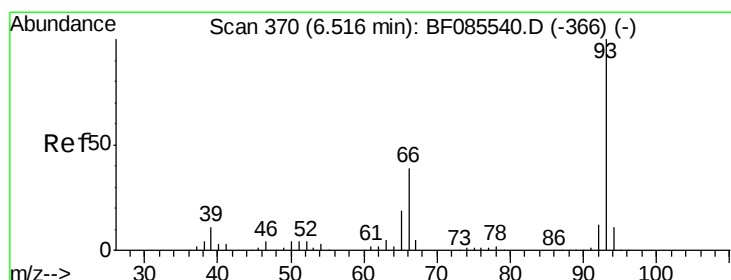
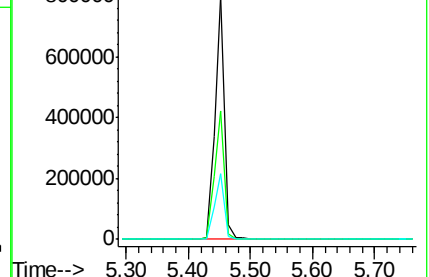
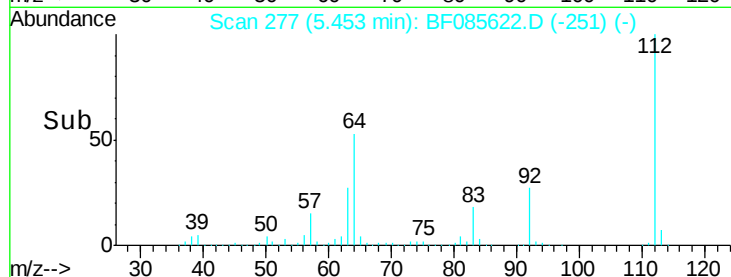
63 27.1 20.2 30.2



Abundance Ion 112.00 (111.70 to 112.70): BF085540.D (-273) (-)

Ion 64.00 (63.70 to 64.70): BF085540.D (-273) (-)

Ion 63.00 (62.70 to 63.70): BF085540.D (-273) (-)



#6

Aniline

Concen: 15.79 ng

RT: 6.50 min Scan# 369

Delta R.T. -0.01 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

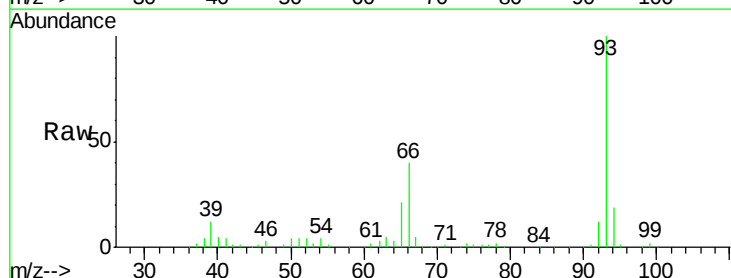
Tgt Ion: 93 Resp: 202311

Ion Ratio Lower Upper

93 100

66 39.7 31.4 47.2

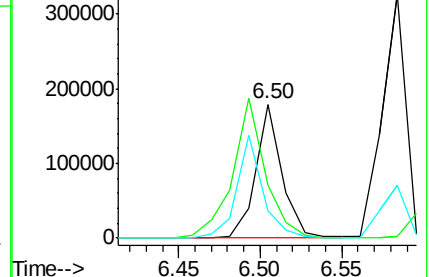
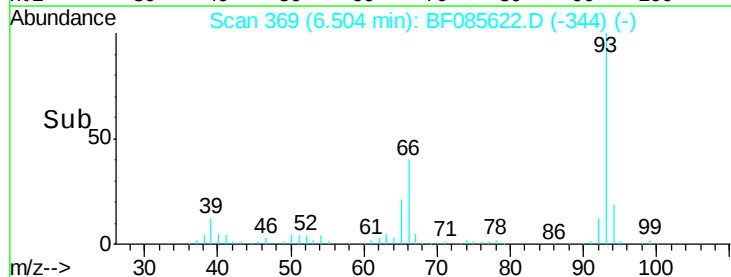
65 20.6 15.7 23.5

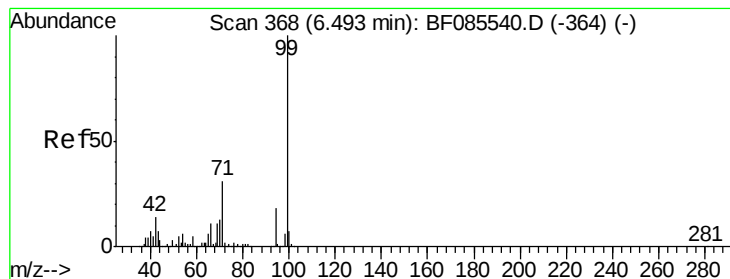


Abundance Ion 93.00 (92.70 to 93.70): BF085540.D (-366) (-)

Ion 66.00 (65.70 to 66.70): BF085540.D (-366) (-)

Ion 65.00 (64.70 to 65.70): BF085540.D (-366) (-)





#7

Phenol-d6

Concen: 108.34 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

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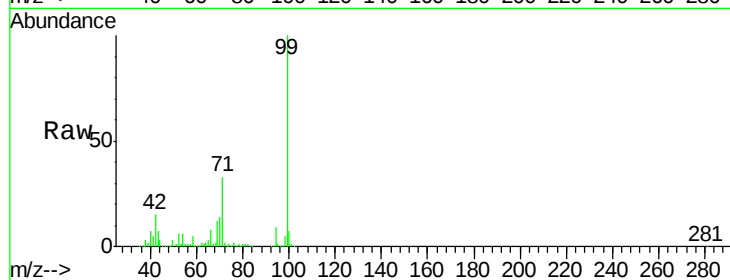
Tgt Ion: 99 Resp: 1033309

Ion Ratio Lower Upper

99 100

42 14.8 11.1 16.7

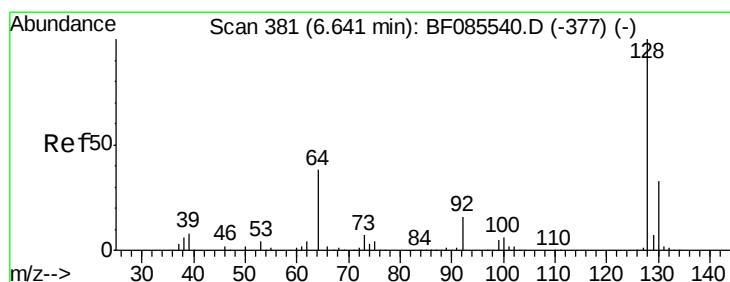
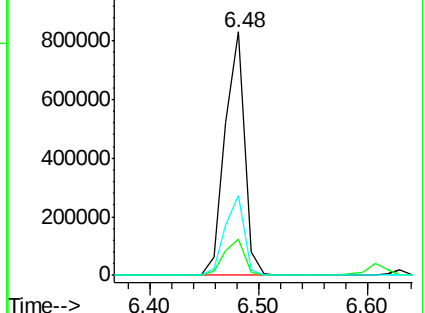
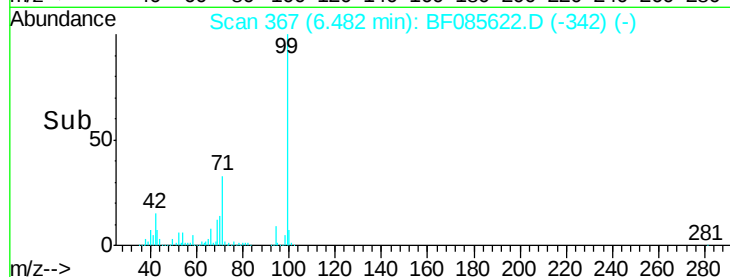
71 32.7 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.82 ng

RT: 6.63 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

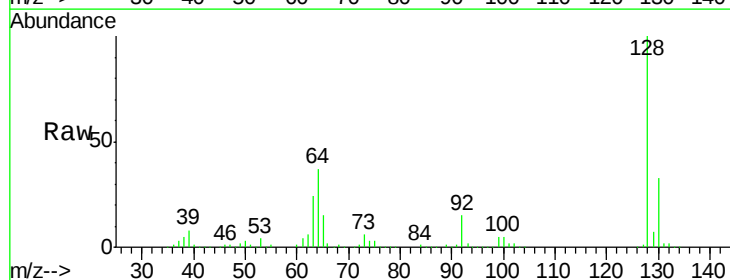
Tgt Ion: 128 Resp: 342599

Ion Ratio Lower Upper

128 100

130 33.1 12.9 52.9

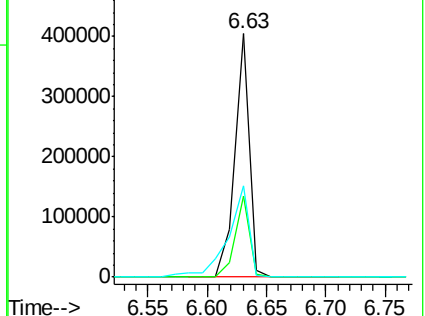
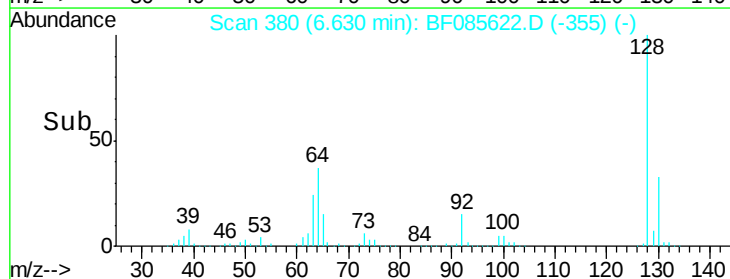
64 37.3 20.2 60.2

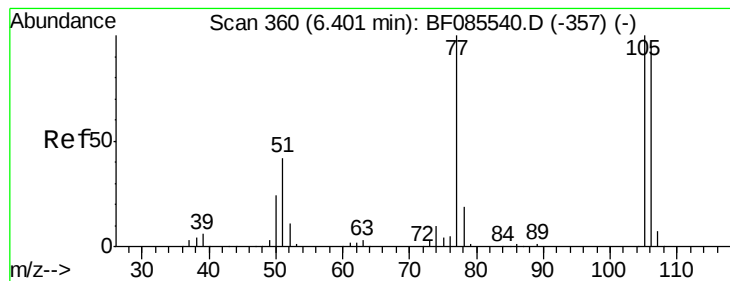


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 6.33 ng

RT: 6.39 min Scan# 359

Delta R.T. -0.01 min

Lab File: BF085622.D

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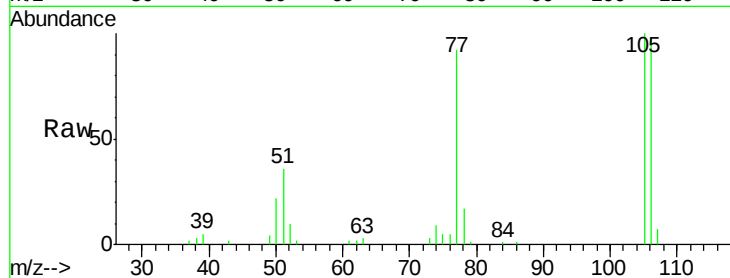
Tgt Ion: 77 Resp: 40498

Ion Ratio Lower Upper

77 100

105 108.4 80.1 120.1

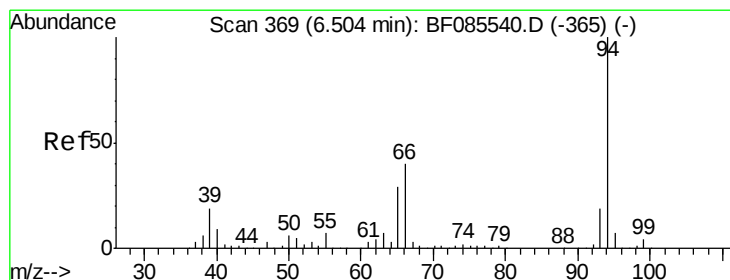
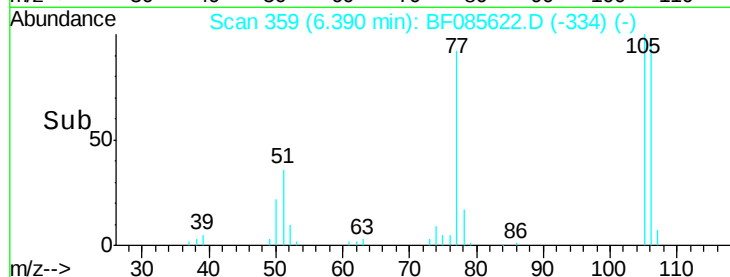
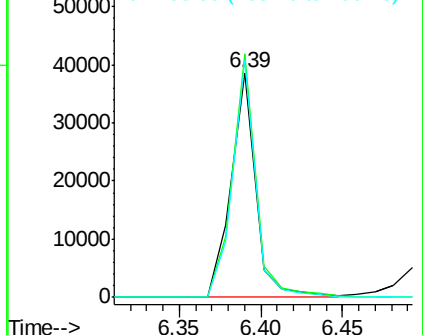
106 105.9 75.0 115.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 39.18 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

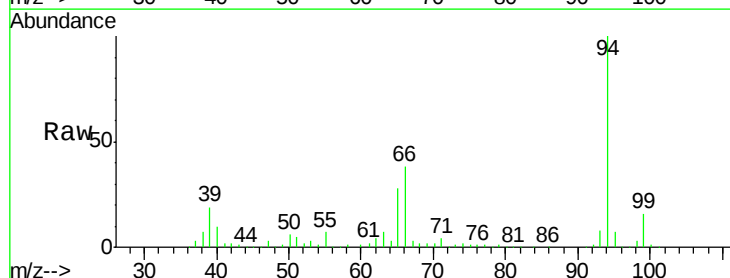
Tgt Ion: 94 Resp: 425606

Ion Ratio Lower Upper

94 100

65 27.7 8.6 48.6

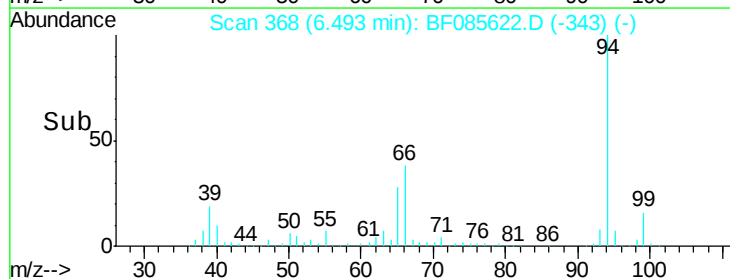
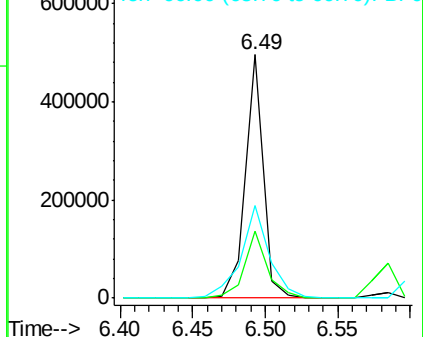
66 37.9 20.0 60.0

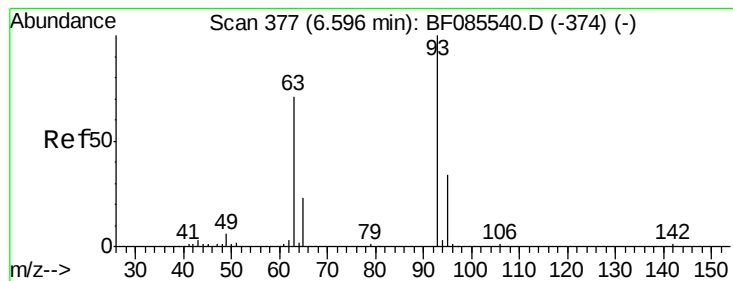


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.57 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

Instrument :

BNA_F

ClientSampleId :

PB89047BS

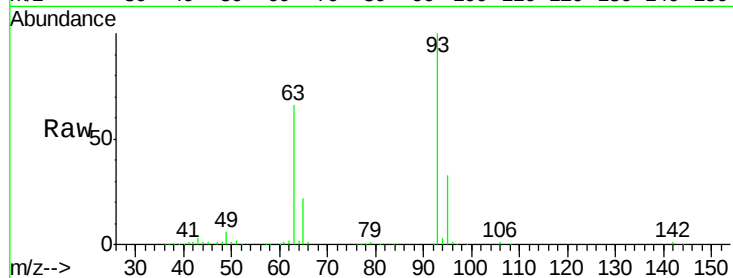
Tgt Ion: 93 Resp: 324049

Ion Ratio Lower Upper

93 100

63 65.8 50.9 90.9

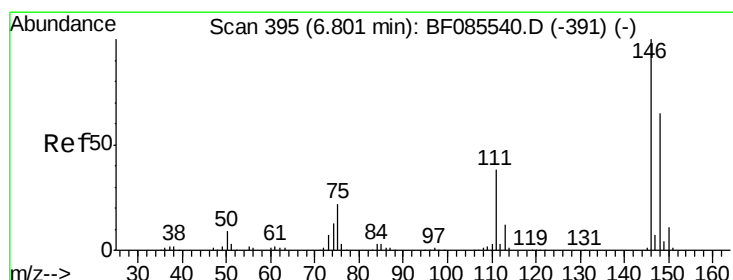
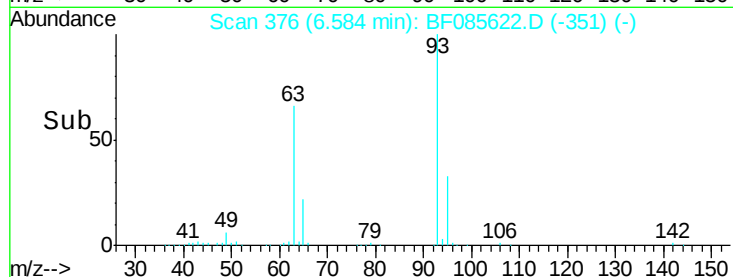
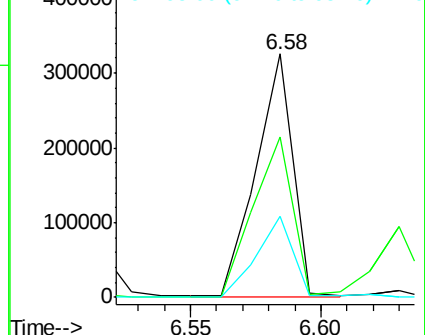
95 33.4 13.3 53.3



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: 33.72 ng

RT: 7.02 min Scan# 414

Delta R.T. 0.22 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

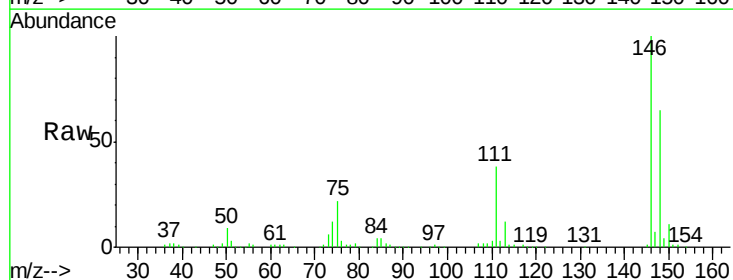
Tgt Ion: 146 Resp: 316088

Ion Ratio Lower Upper

146 100

148 64.8 52.3 78.5

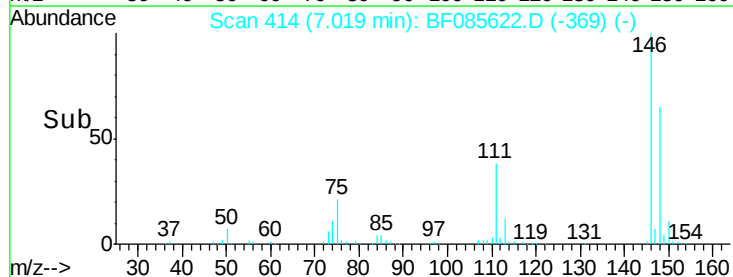
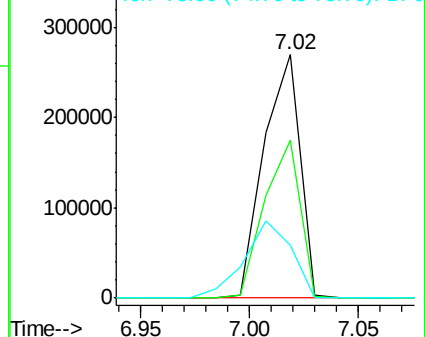
75 21.5 17.4 26.2

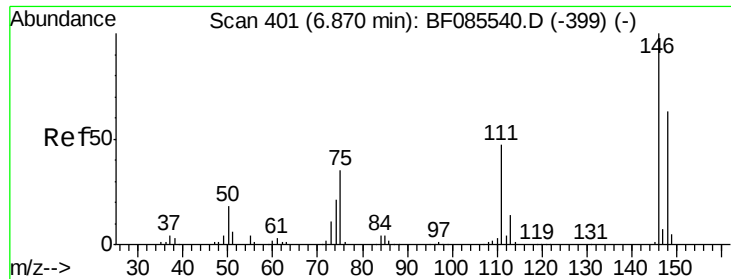


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

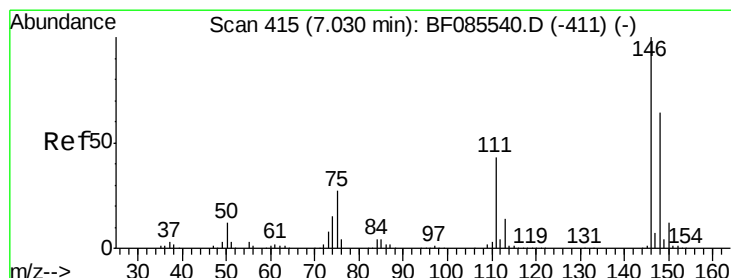
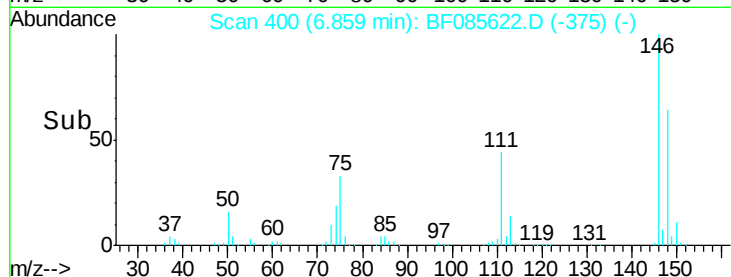
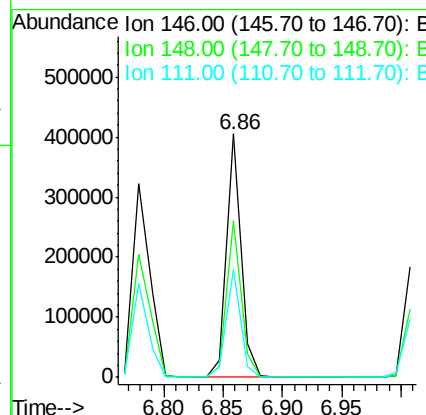
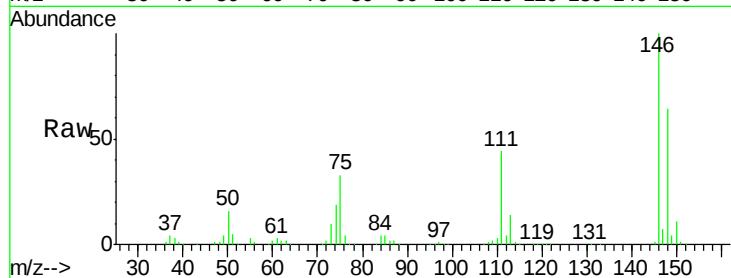




#13
 1,4-Dichlorobenzene
 Concen: 35.47 ng
 RT: 6.86 min Scan# 400
 Delta R.T. -0.01 min
 Lab File: BF085622.D
 Acq: 21 Mar 2016 15:12

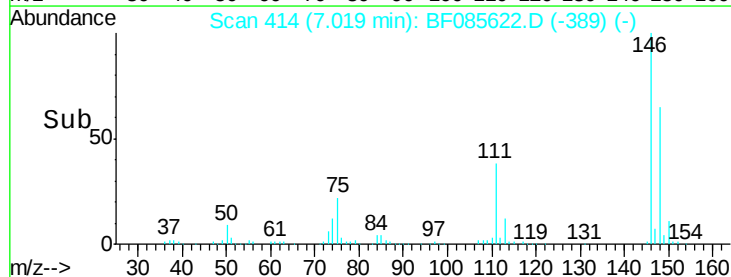
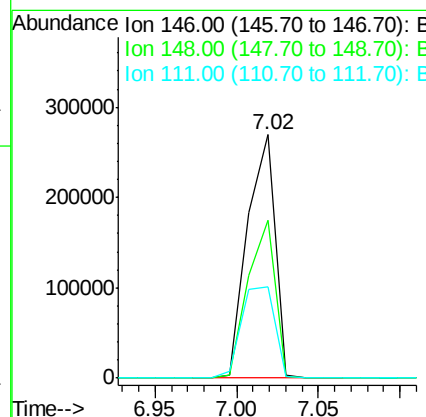
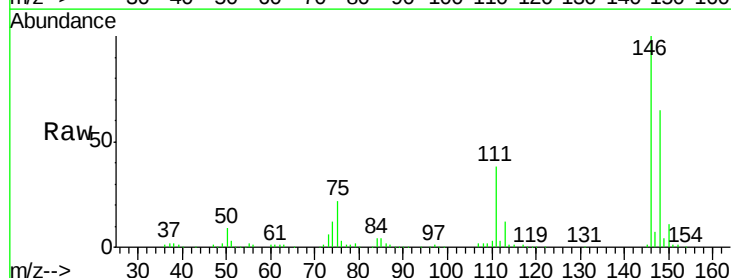
Instrument :
 BNA_F
 ClientSampleId :
 PB89047BS

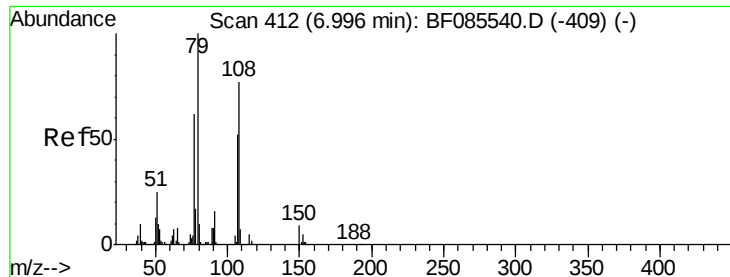
Tgt Ion:146 Resp: 339209
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.6 76.0
 111 44.3 37.8 56.6



#14
 1,2-Dichlorobenzene
 Concen: 37.23 ng
 RT: 7.02 min Scan# 414
 Delta R.T. -0.01 min
 Lab File: BF085622.D
 Acq: 21 Mar 2016 15:12

Tgt Ion:146 Resp: 316049
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.4 77.2
 111 37.6 34.6 52.0





#15

Benzyl Alcohol

Concen: 37.38 ng

RT: 6.98 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

Instrument :

BNA_F

ClientSampleId :

PB89047BS

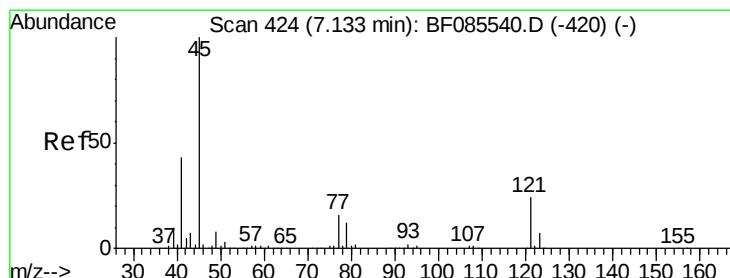
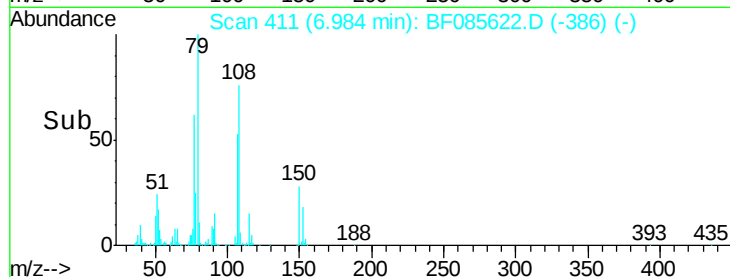
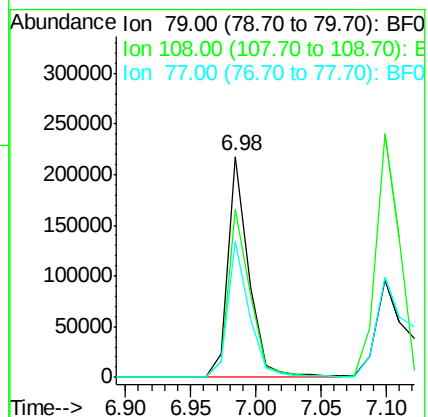
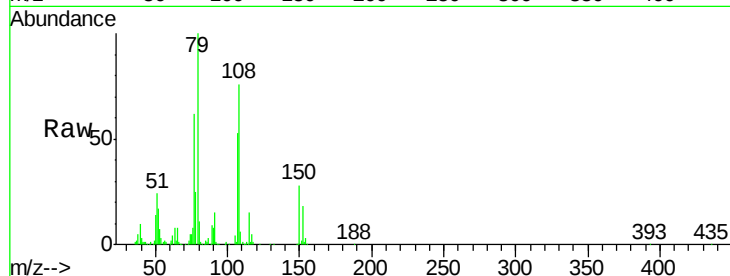
Tgt Ion: 79 Resp: 244205

Ion Ratio Lower Upper

79 100

108 76.3 61.8 92.6

77 61.9 49.6 74.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.93 ng

RT: 7.12 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

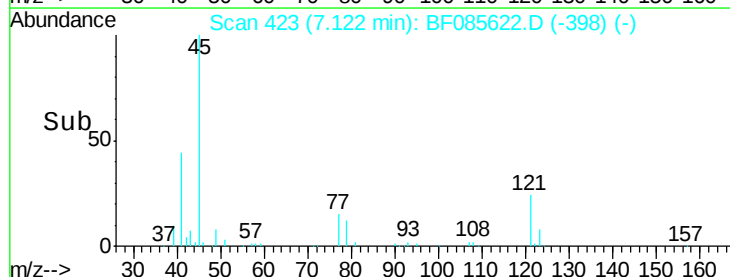
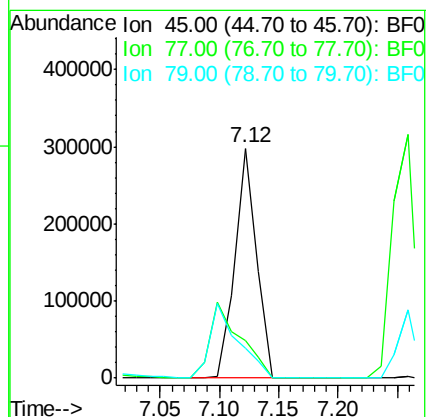
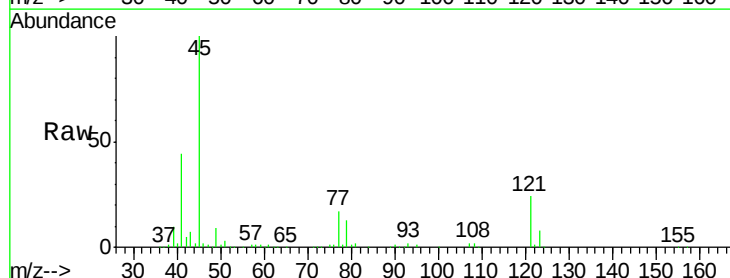
Tgt Ion: 45 Resp: 376228

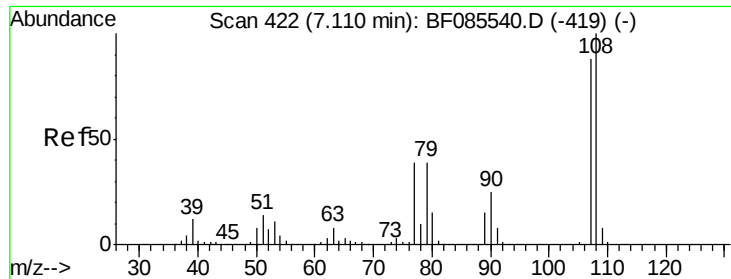
Ion Ratio Lower Upper

45 100

77 16.5 0.0 35.7

79 12.9 0.0 32.2

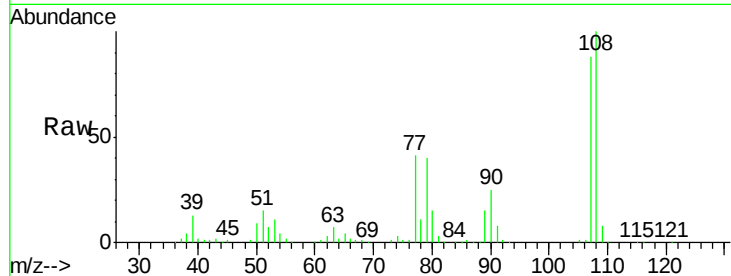




#17
2-Methylphenol
Concen: 37.09 ng
RT: 7.10 min Scan# 421
Delta R.T. -0.01 min
Lab File: BF085622.D
Acq: 21 Mar 2016 15:12

Instrument :
BNA_F
ClientSampleId :
PB89047BS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.2	91.4	137.0
77	47.0	36.2	54.2
79	45.7	35.8	53.8



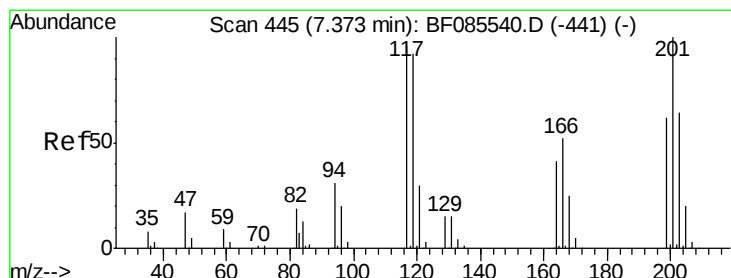
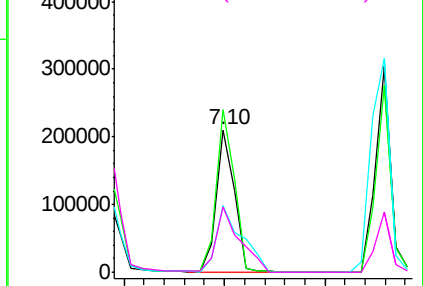
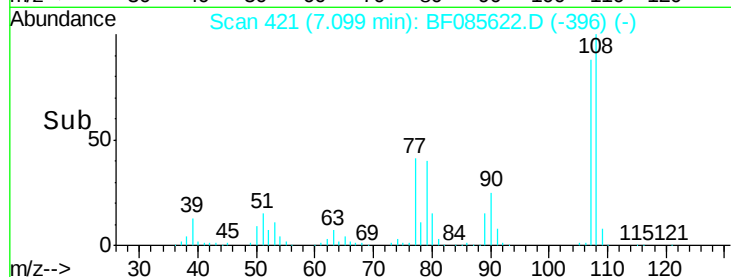
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

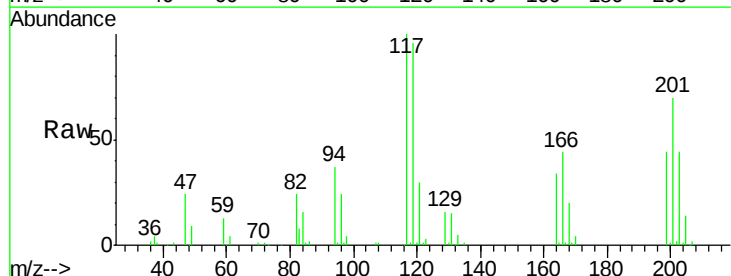
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 36.29 ng
RT: 7.35 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF085622.D
Acq: 21 Mar 2016 15:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.7	115.1
201	69.6	83.3	124.9#

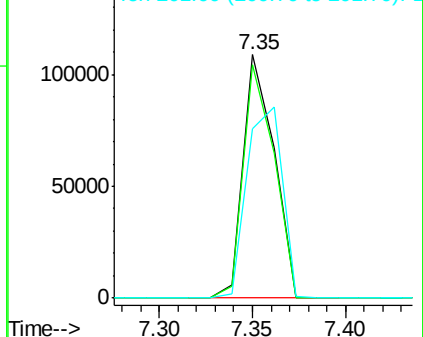
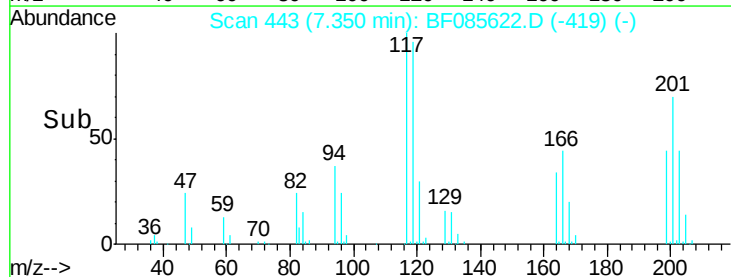


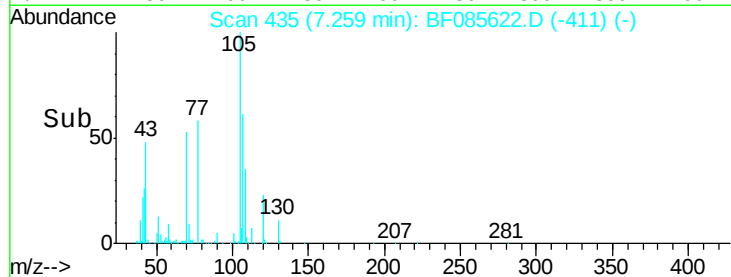
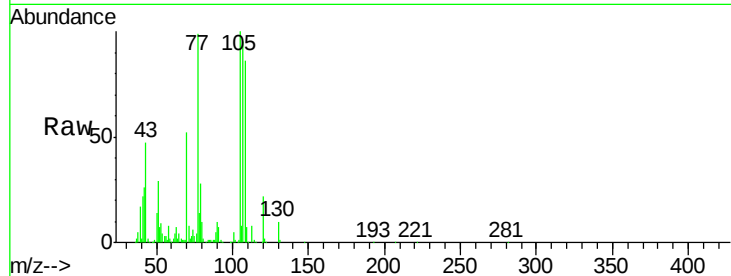
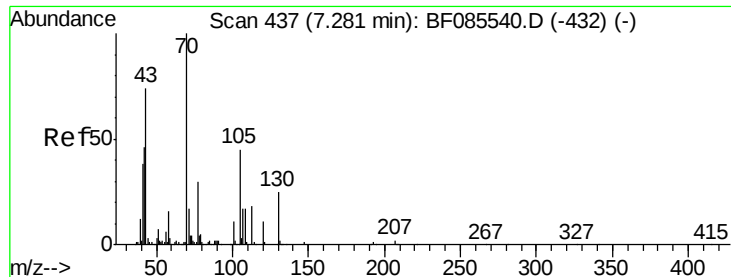
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

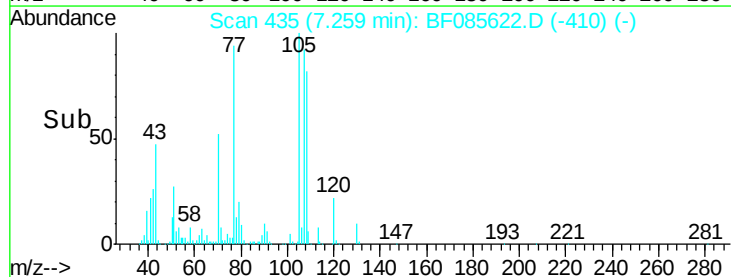
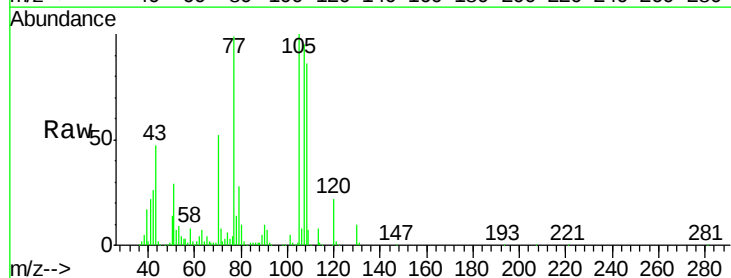
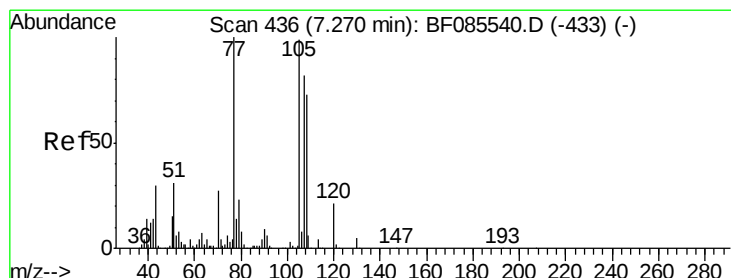
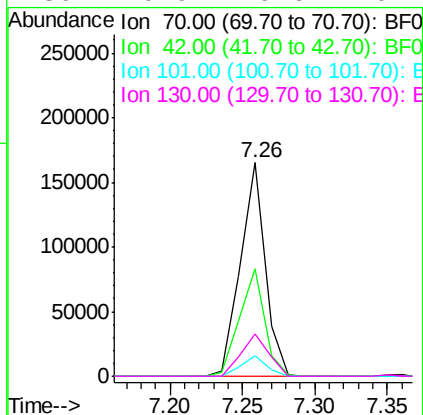




#19
n-Nitroso-di-n-propylamine
Concen: 34.53 ng
RT: 7.26 min Scan# 435
Delta R.T. -0.02 min
Lab File: BF085622.D
Acq: 21 Mar 2016 15:12

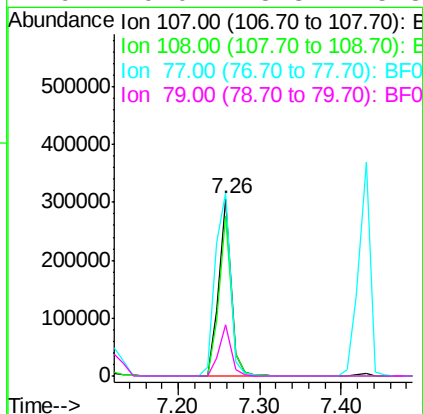
Instrument :
BNA_F
ClientSampleId :
PB89047BS

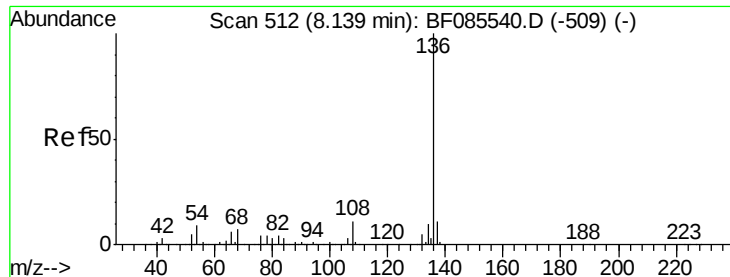
Tgt Ion:	70	Resp:	196735
Ion	Ratio	Lower	Upper
70	100		
42	50.2	37.1	55.7
101	9.8	8.6	12.8
130	19.9	19.6	29.4



#20
3+4-Methylphenols
Concen: 39.43 ng
RT: 7.26 min Scan# 435
Delta R.T. -0.01 min
Lab File: BF085622.D
Acq: 21 Mar 2016 15:12

Tgt Ion:	107	Resp:	325672
Ion	Ratio	Lower	Upper
107	100		
108	90.5	69.3	109.3
77	103.3	101.7	141.7
79	29.0	8.3	48.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

Instrument :

BNA_F

ClientSampleId :

PB89047BS

Tgt Ion:136 Resp: 506001

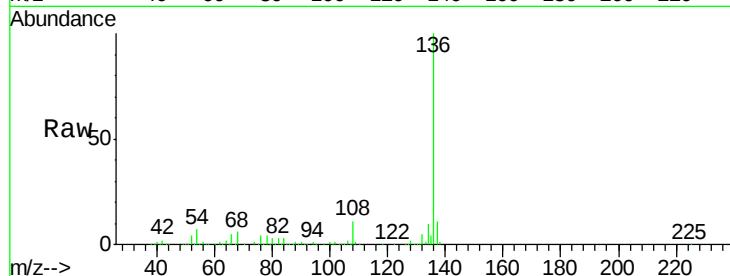
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 7.5 7.4 11.0

68 6.0 5.8 8.8

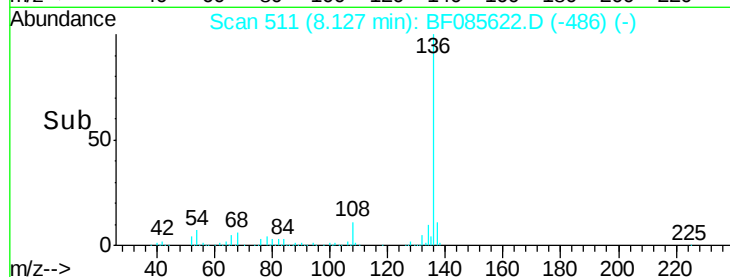


Abundance Ion 136.00 (135.70 to 136.70): E

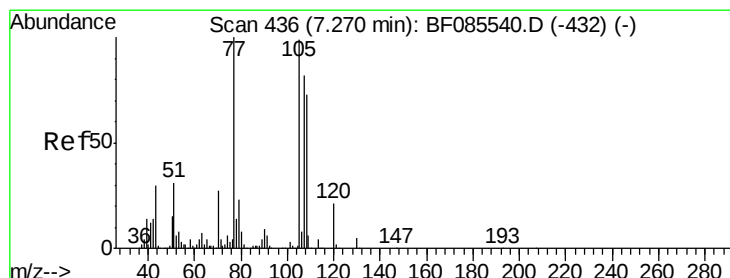
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 34.64 ng

RT: 7.26 min Scan# 435

Delta R.T. -0.01 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

Tgt Ion:105 Resp: 415966

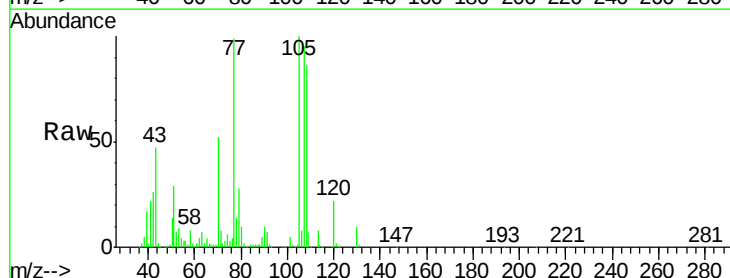
Ion Ratio Lower Upper

105 100

71 8.4 3.6 5.4#

51 28.9 25.4 38.0

120 22.0 16.9 25.3

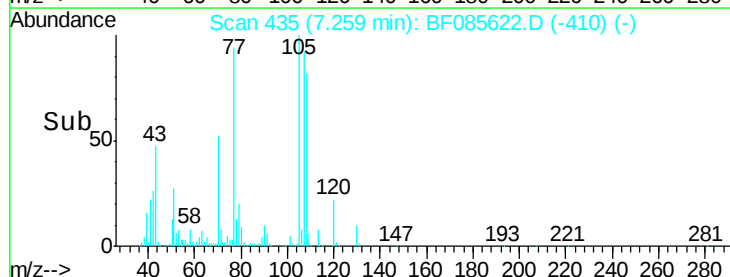


Abundance Ion 105.00 (104.70 to 105.70): E

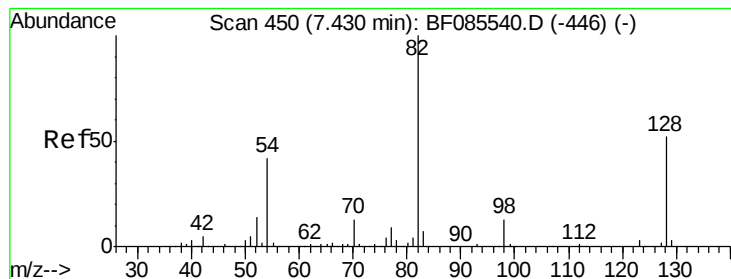
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->



#23

Nitrobenzene-d5

Concen: 73.60 ng

RT: 7.41 min Scan# 448

Delta R.T. -0.02 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

Instrument :

BNA_F

ClientSampleId :

PB89047BS

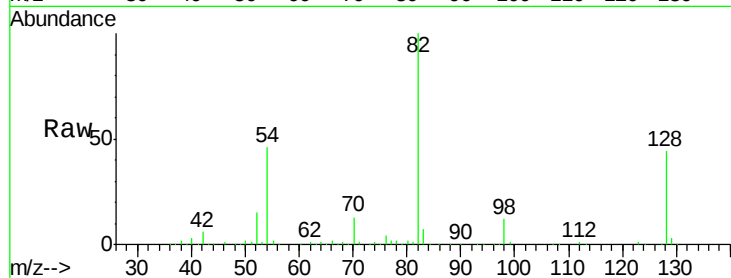
Tgt Ion: 82 Resp: 641624

Ion Ratio Lower Upper

82 100

128 44.2 41.8 62.8

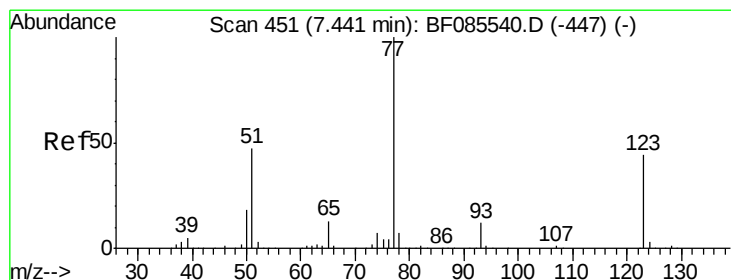
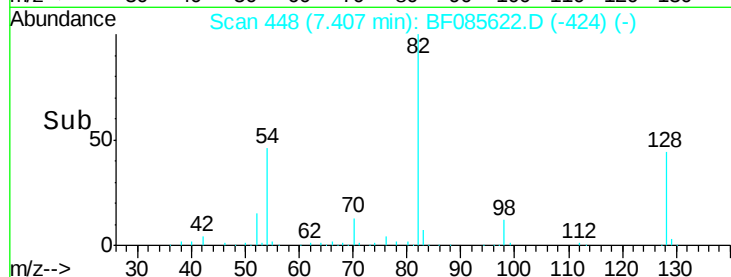
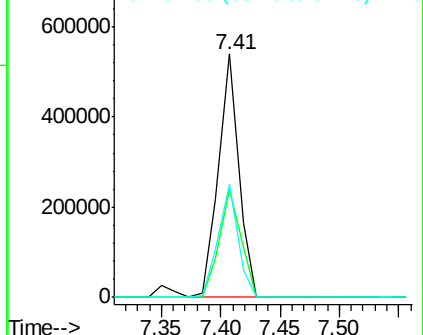
54 46.3 33.4 50.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 37.69 ng

RT: 7.43 min Scan# 450

Delta R.T. -0.01 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

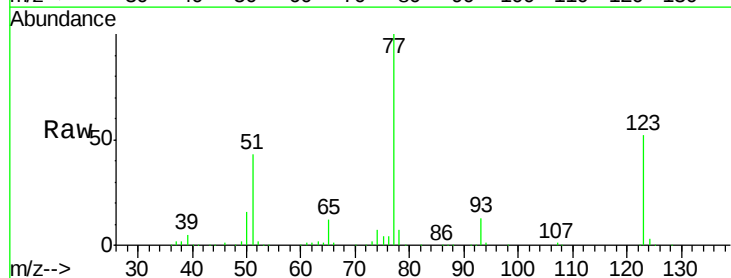
Tgt Ion: 77 Resp: 359594

Ion Ratio Lower Upper

77 100

123 52.3 35.0 52.4

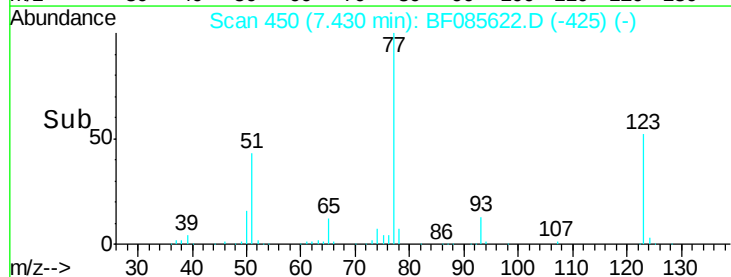
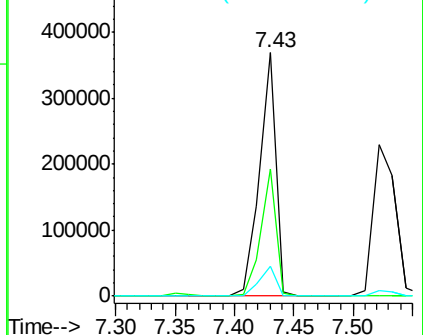
65 12.5 10.6 16.0

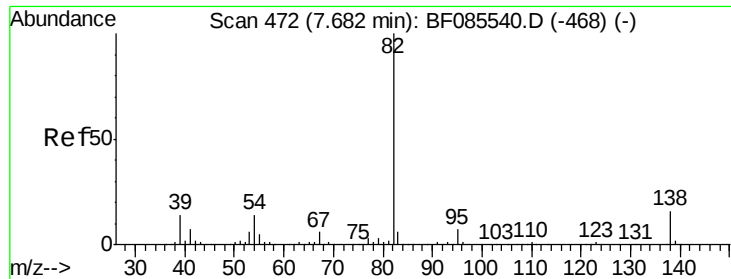


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 36.76 ng

RT: 7.67 min Scan# 471

Delta R.T. -0.01 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

Instrument :

BNA_F

ClientSampleId :

PB89047BS

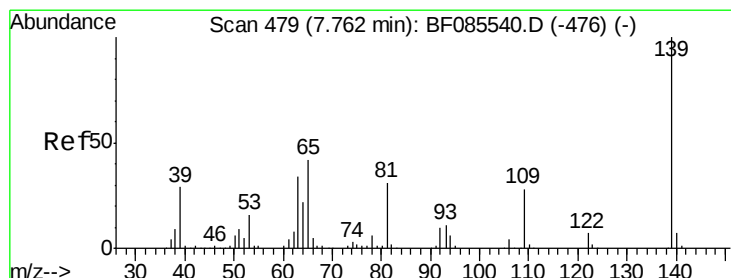
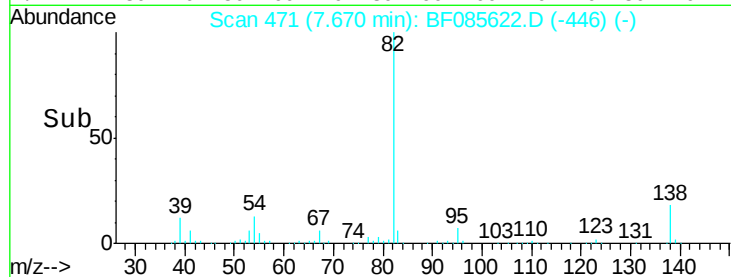
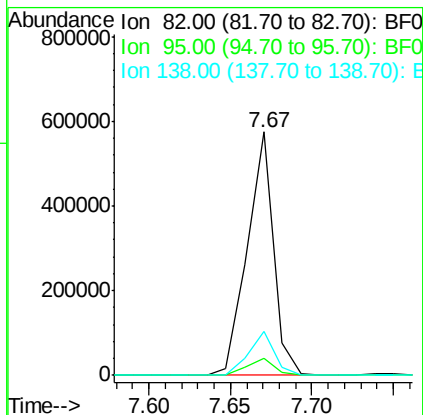
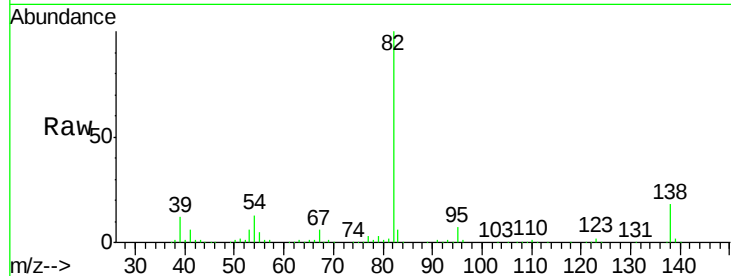
Tgt Ion: 82 Resp: 641563

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

138 18.2 12.9 19.3



#26

2-Nitrophenol

Concen: 38.08 ng

RT: 7.75 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

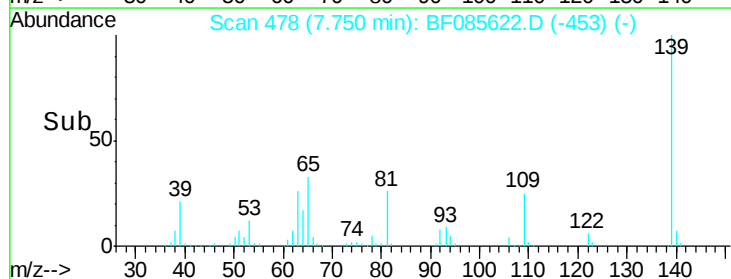
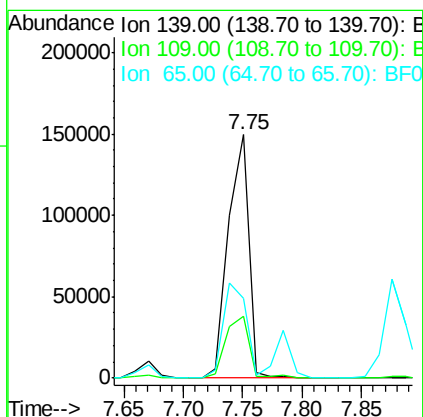
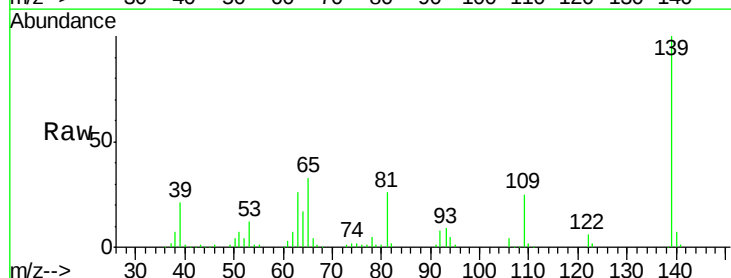
Tgt Ion: 139 Resp: 179566

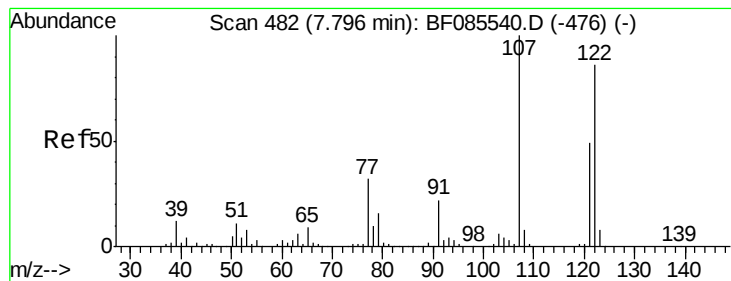
Ion Ratio Lower Upper

139 100

109 25.4 22.1 33.1

65 32.6 33.9 50.9#





#27

2,4-Dimethylphenol

Concen: 36.47 ng

RT: 7.78 min Scan# 481

Delta R.T. -0.01 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

Instrument :

BNA_F

ClientSampleId :

PB89047BS

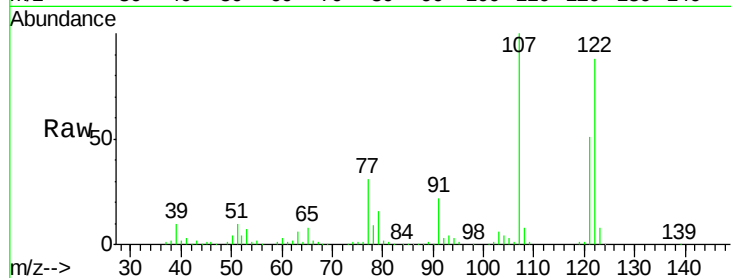
Tgt Ion: 122 Resp: 304101

Ion Ratio Lower Upper

122 100

107 114.2 93.0 139.6

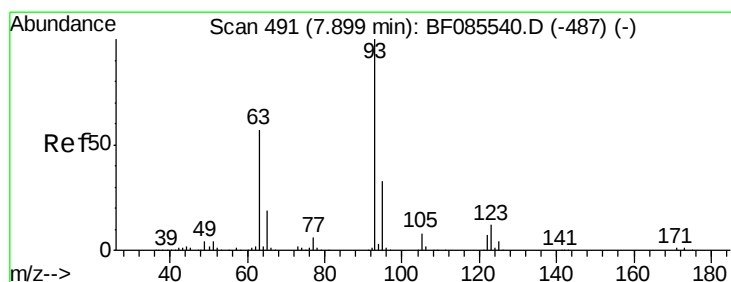
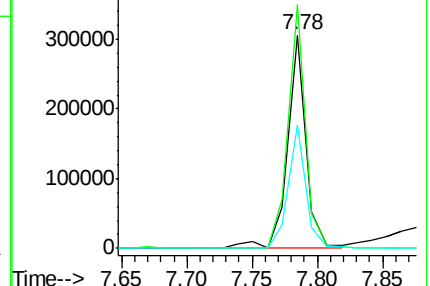
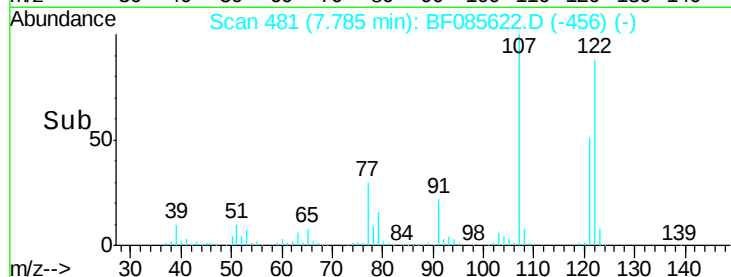
121 57.8 45.9 68.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.50 ng

RT: 7.88 min Scan# 489

Delta R.T. -0.02 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

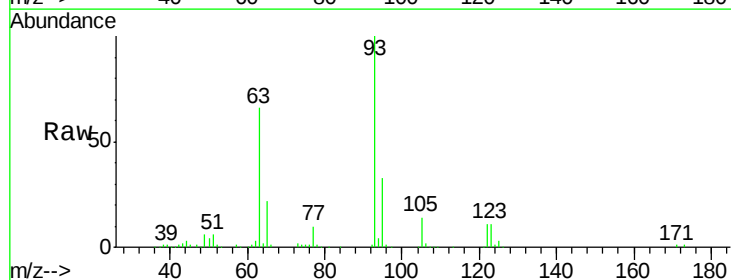
Tgt Ion: 93 Resp: 372316

Ion Ratio Lower Upper

93 100

95 32.9 26.4 39.6

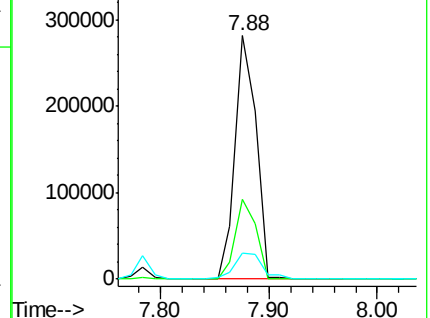
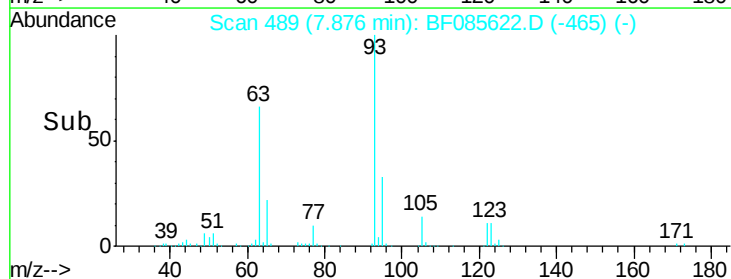
123 10.9 9.8 14.6

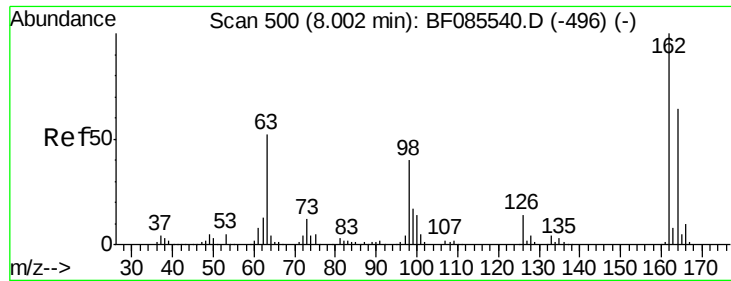


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

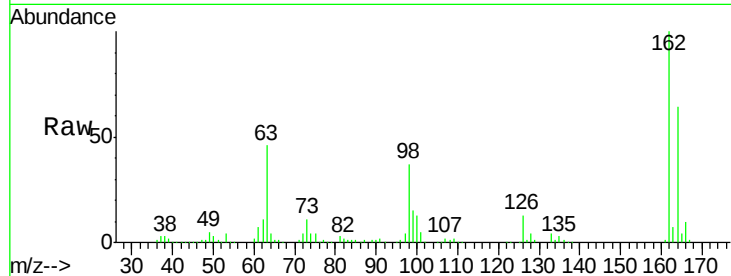




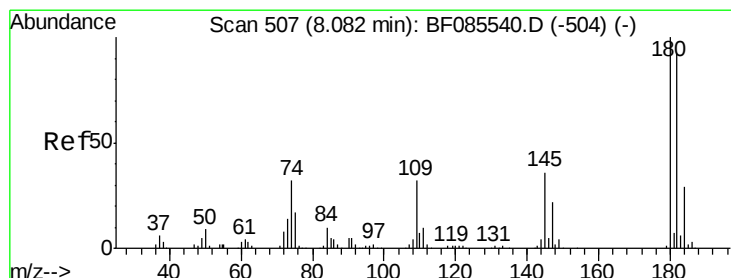
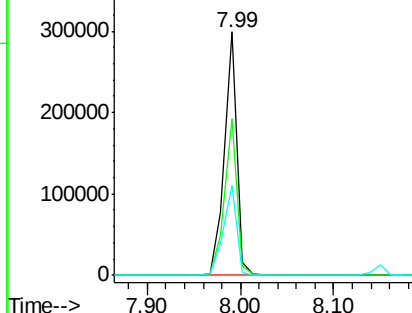
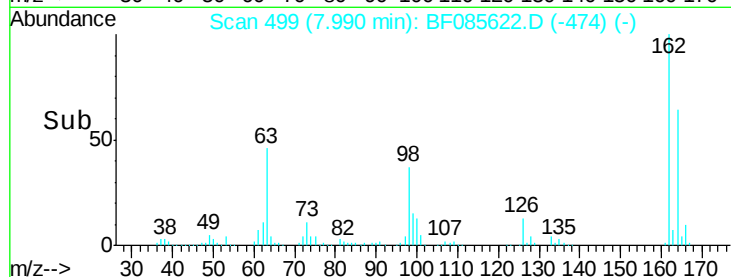
#29
 2,4-Dichlorophenol
 Concen: 40.11 ng
 RT: 7.99 min Scan# 499
 Delta R.T. -0.01 min
 Lab File: BF085622.D
 Acq: 21 Mar 2016 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB89047BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.5	43.7	83.7
98	36.8	20.4	60.4

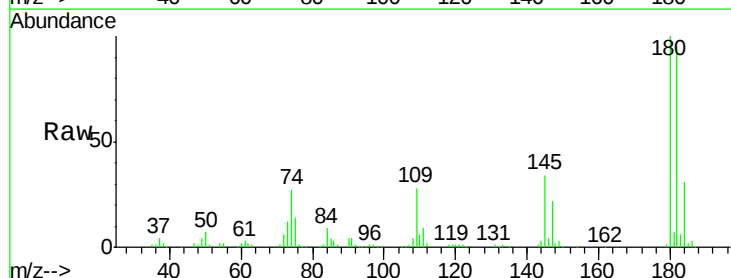


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

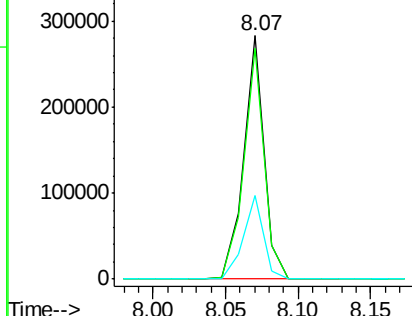
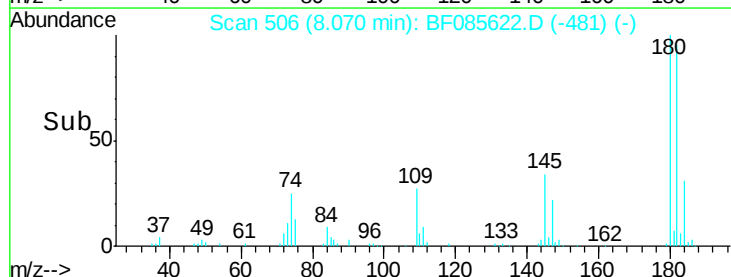


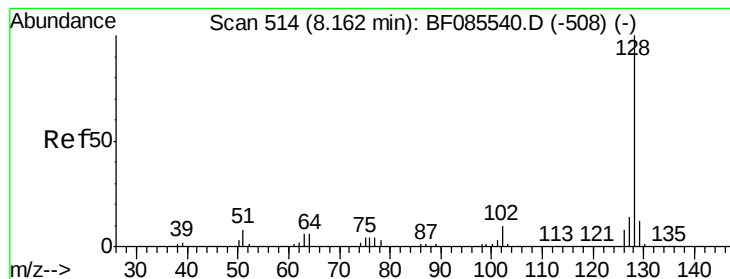
#30
 1,2,4-Trichlorobenzene
 Concen: 35.61 ng
 RT: 8.07 min Scan# 506
 Delta R.T. -0.01 min
 Lab File: BF085622.D
 Acq: 21 Mar 2016 15:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	73.8	110.8
145	34.3	28.4	42.6



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 35.95 ng

RT: 8.15 min Scan# 513

Delta R.T. -0.01 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

Instrument :

BNA_F

ClientSampleId :

PB89047BS

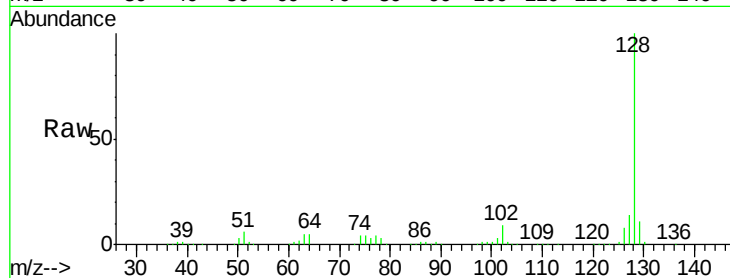
Tgt Ion:128 Resp: 918267

Ion Ratio Lower Upper

128 100

129 11.5 9.4 14.0

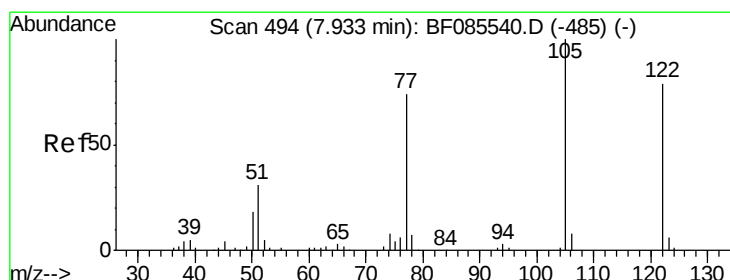
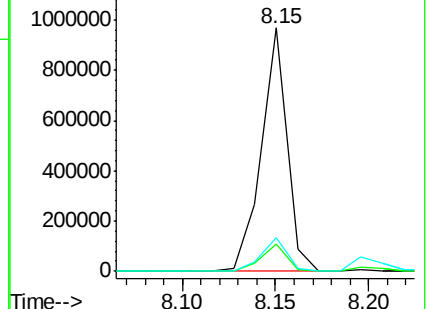
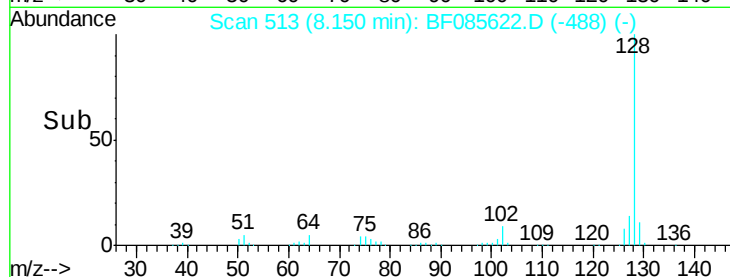
127 13.7 11.0 16.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 24.56 ng

RT: 7.91 min Scan# 492

Delta R.T. -0.02 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

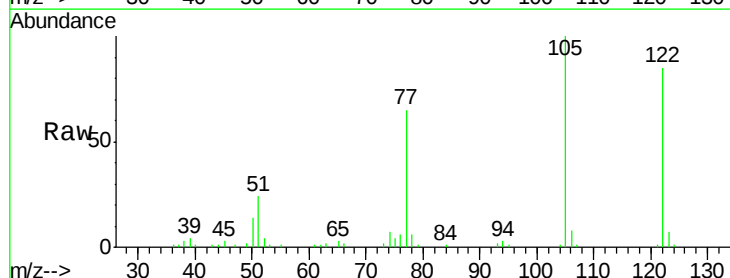
Tgt Ion:122 Resp: 171278

Ion Ratio Lower Upper

122 100

105 117.9 102.9 142.9

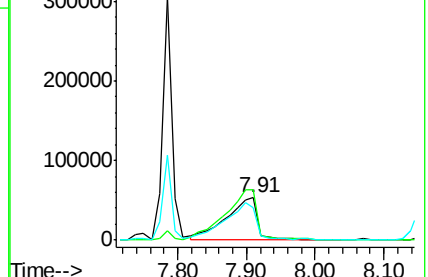
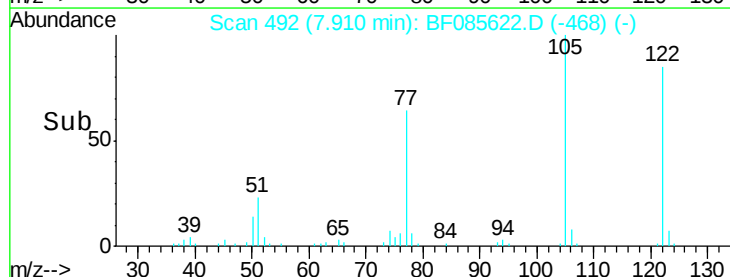
77 76.1 71.8 111.8

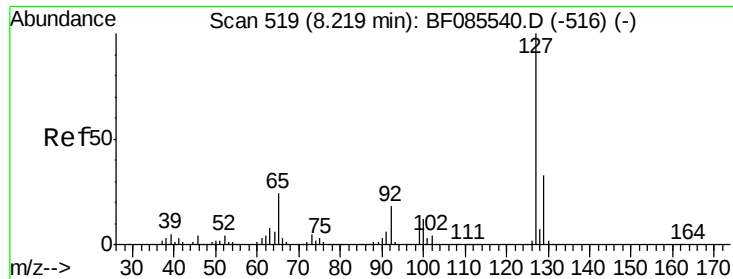


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

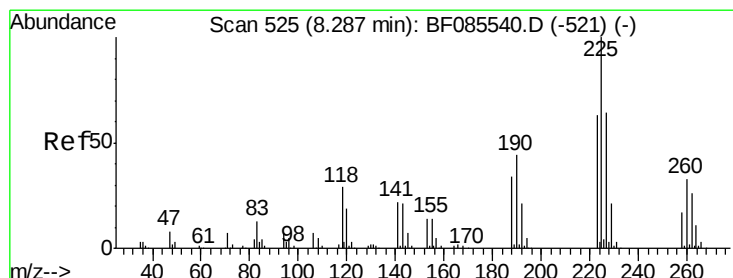
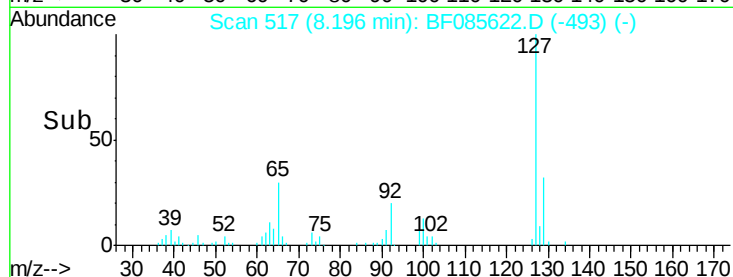
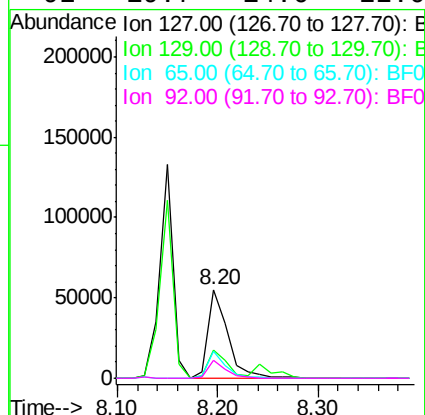
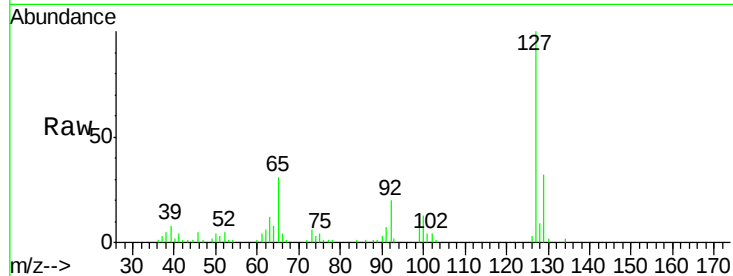




#33
4-Chloroaniline
Concen: 7.24 ng
RT: 8.20 min Scan# 517
Delta R.T. -0.02 min
Lab File: BF085622.D
Acq: 21 Mar 2016 15:12

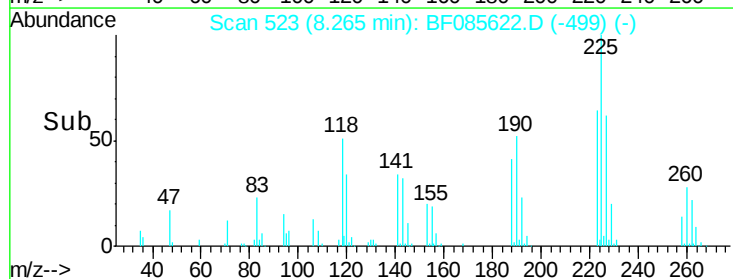
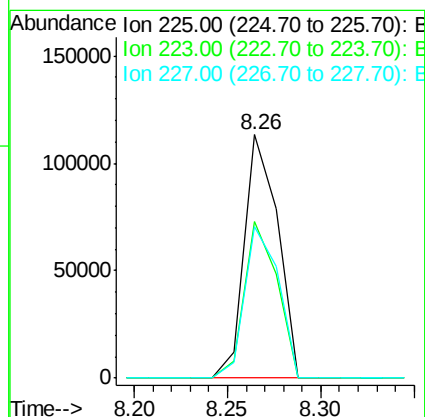
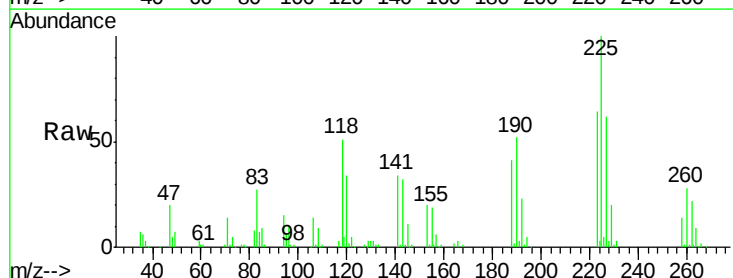
Instrument :
BNA_F
ClientSampleId :
PB89047BS

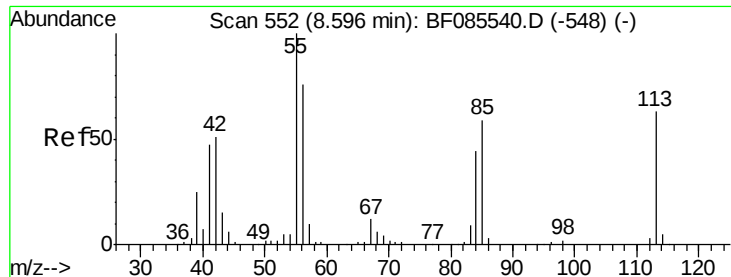
Tgt Ion:	127	Resp:	75831
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.1	39.1
65	30.9	19.5	29.3
92	19.7	14.6	22.0



#34
Hexachlorobutadiene
Concen: 34.15 ng
RT: 8.26 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF085622.D
Acq: 21 Mar 2016 15:12

Tgt Ion:	225	Resp:	140403
Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.4	75.6
227	62.2	51.4	77.2

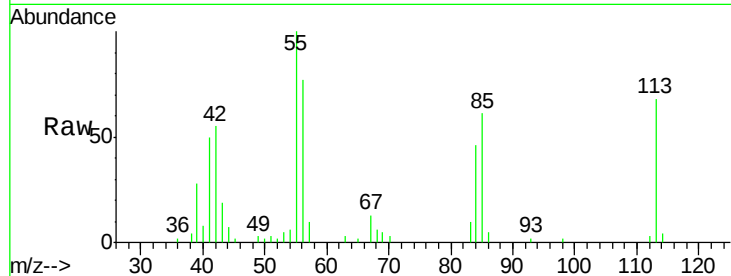




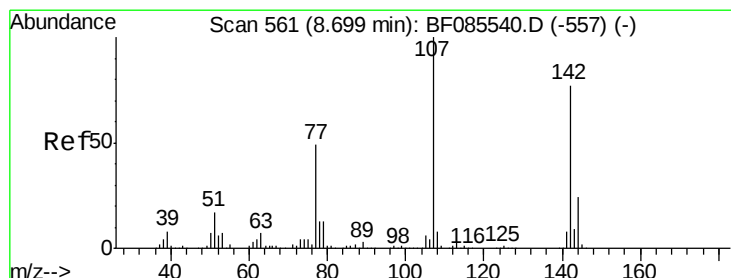
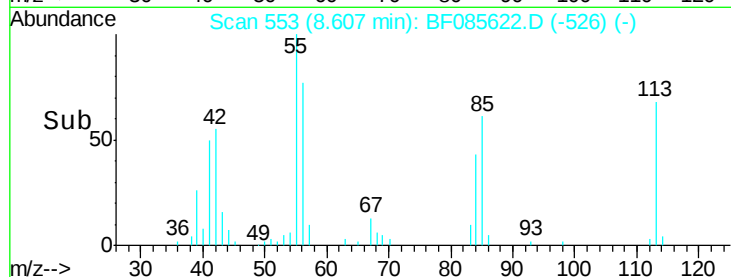
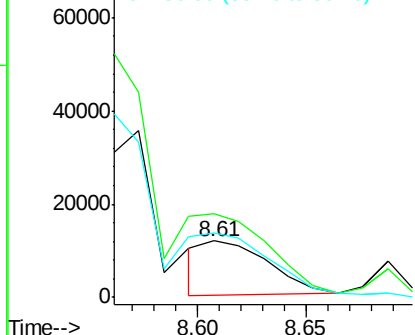
#35
 Caprolactam
 Concen: 10.16 ng
 RT: 8.61 min Scan# 553
 Delta R.T. 0.01 min
 Lab File: BF085622.D
 Acq: 21 Mar 2016 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB89047BS

Tgt Ion:113 Resp: 24071
 Ion Ratio Lower Upper
 113 100
 55 147.9 139.4 179.4
 56 114.4 100.4 140.4

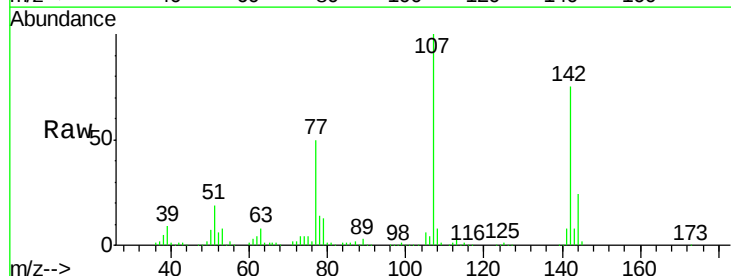


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

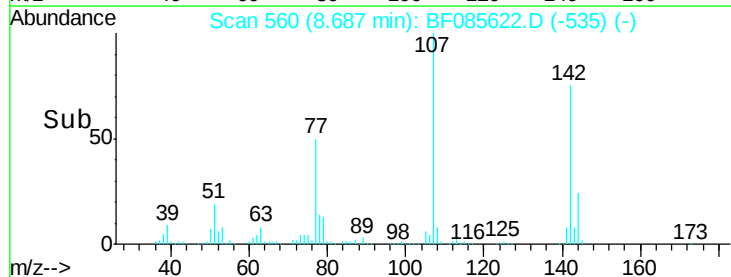
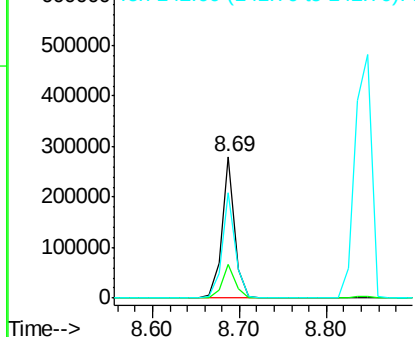


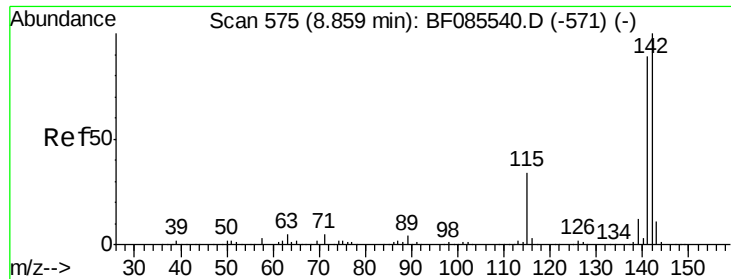
#36
 4-Chloro-3-methylphenol
 Concen: 35.95 ng
 RT: 8.69 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: BF085622.D
 Acq: 21 Mar 2016 15:12

Tgt Ion:107 Resp: 289164
 Ion Ratio Lower Upper
 107 100
 144 23.9 19.3 28.9
 142 74.6 61.4 92.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

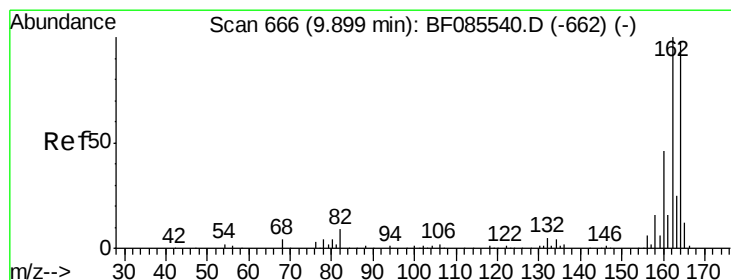
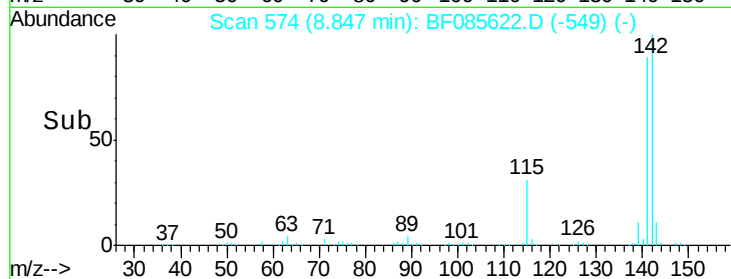
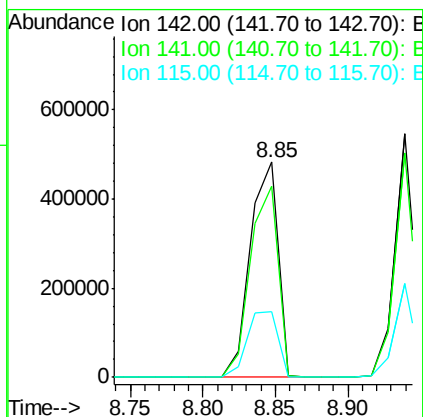
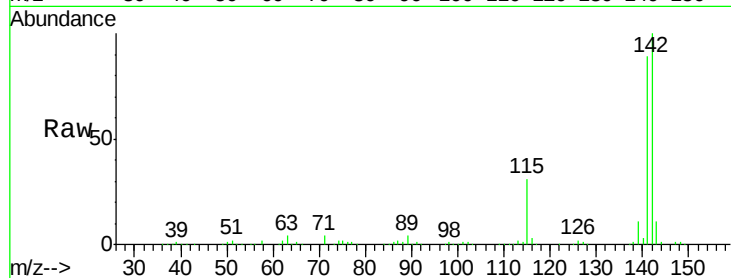




#37
2-Methylnaphthalene
Concen: 41.33 ng
RT: 8.85 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF085622.D
Acq: 21 Mar 2016 15:12

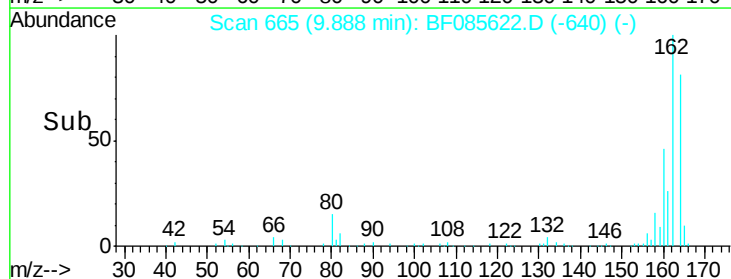
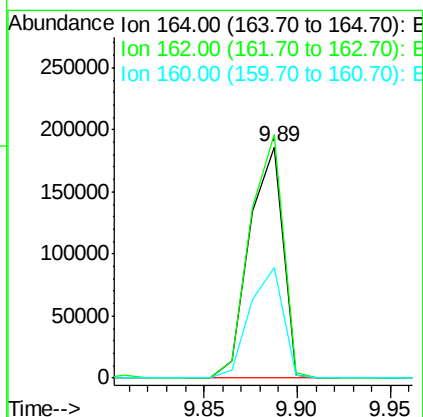
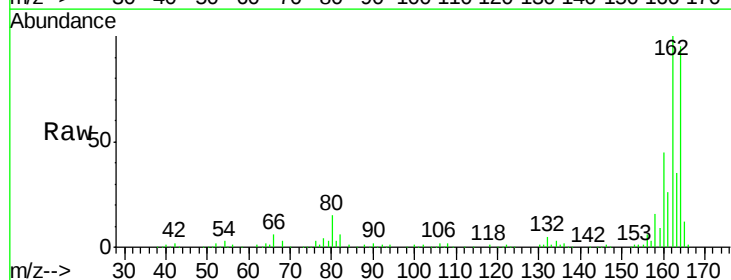
Instrument :
BNA_F
ClientSampleId :
PB89047BS

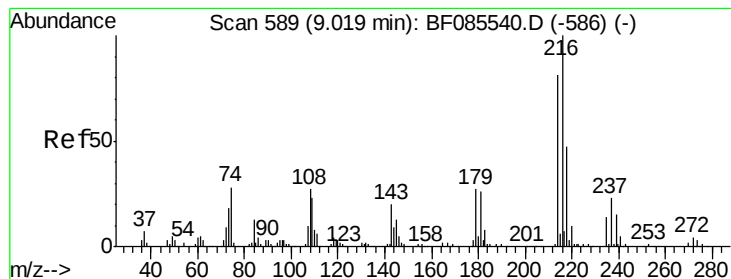
Tgt Ion:142 Resp: 643445
Ion Ratio Lower Upper
142 100
141 88.9 71.6 107.4
115 30.7 26.8 40.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF085622.D
Acq: 21 Mar 2016 15:12

Tgt Ion:164 Resp: 231120
Ion Ratio Lower Upper
164 100
162 105.4 82.1 123.1
160 47.8 37.4 56.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.30 ng

RT: 9.01 min Scan# 588

Delta R.T. -0.01 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

Instrument :

BNA_F

ClientSampleId :

PB89047BS

Tgt Ion:216 Resp: 240445

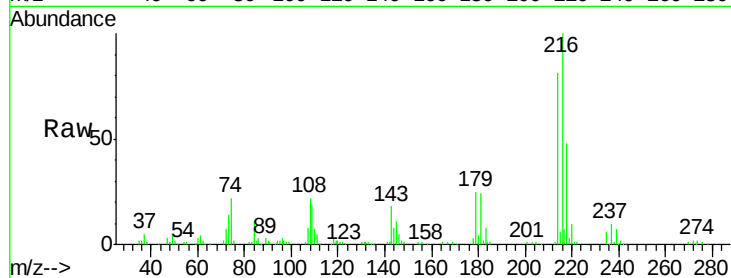
Ion Ratio Lower Upper

216 100

214 79.6 63.1 94.7

179 24.1 18.2 27.2

108 24.8 17.3 25.9

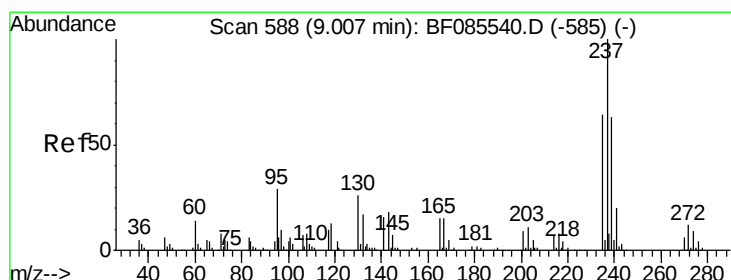
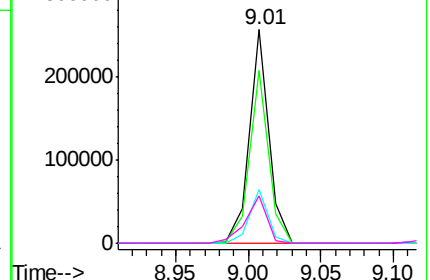
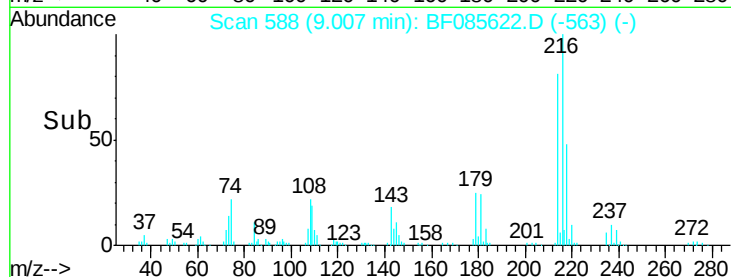


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 78.20 ng

RT: 9.00 min Scan# 587

Delta R.T. -0.01 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

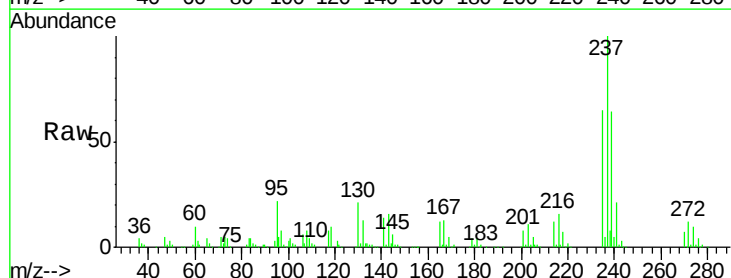
Tgt Ion:237 Resp: 247105

Ion Ratio Lower Upper

237 100

235 64.9 43.7 83.7

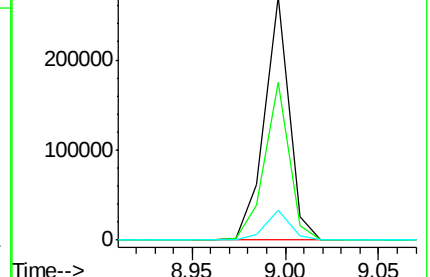
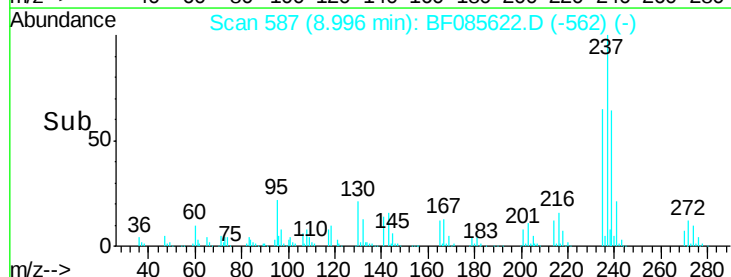
272 12.5 0.0 31.9

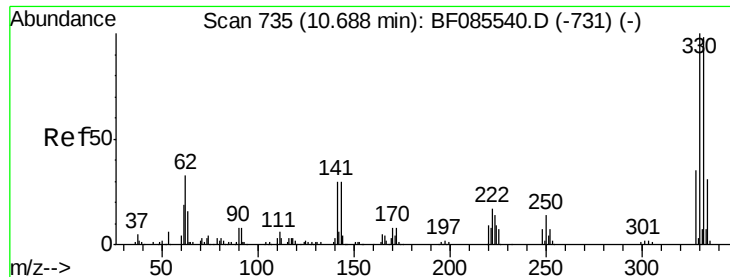


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

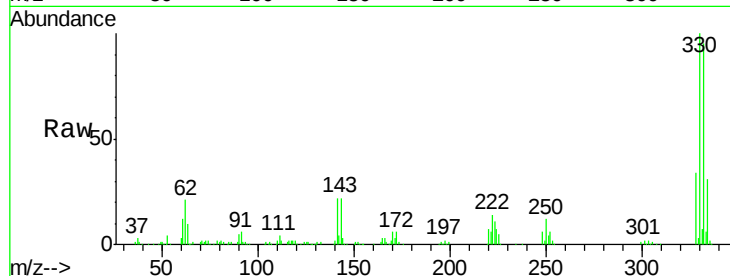




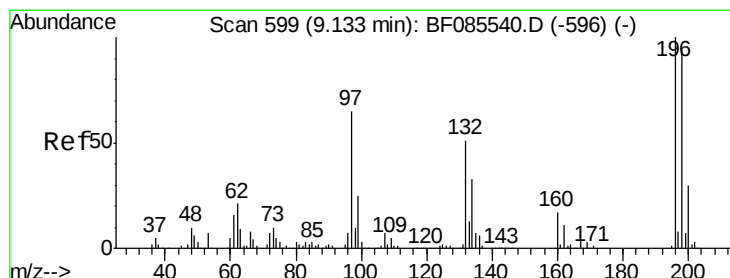
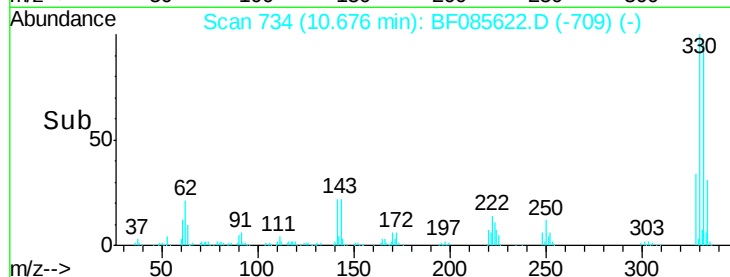
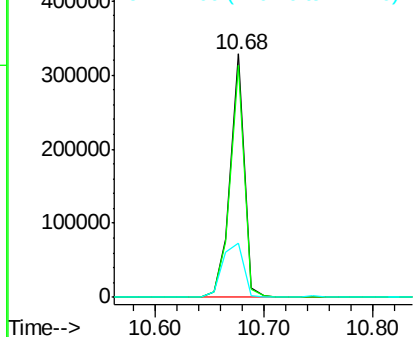
#41
 2,4,6-Tribromophenol
 Concen: 130.68 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF085622.D
 Acq: 21 Mar 2016 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB89047BS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	78.2	117.2
141	33.4	31.5	47.3

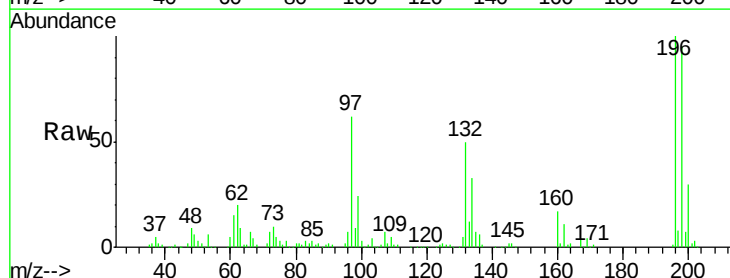


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

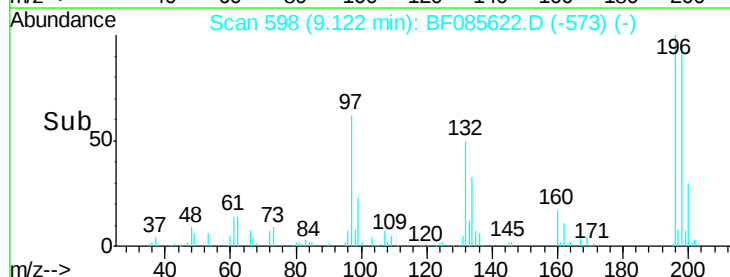
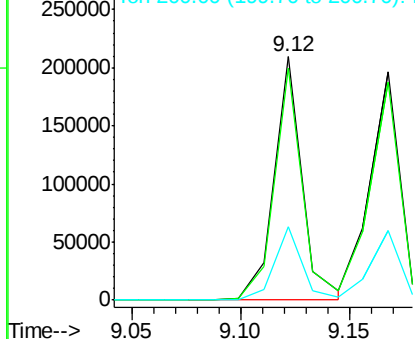


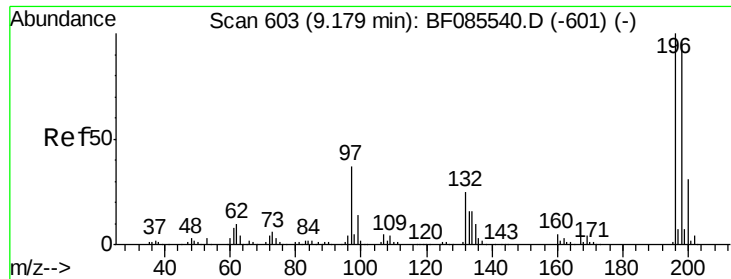
#42
 2,4,6-Trichlorophenol
 Concen: 39.44 ng
 RT: 9.12 min Scan# 598
 Delta R.T. -0.01 min
 Lab File: BF085622.D
 Acq: 21 Mar 2016 15:12

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.1	75.3	112.9
200	30.2	23.7	35.5



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

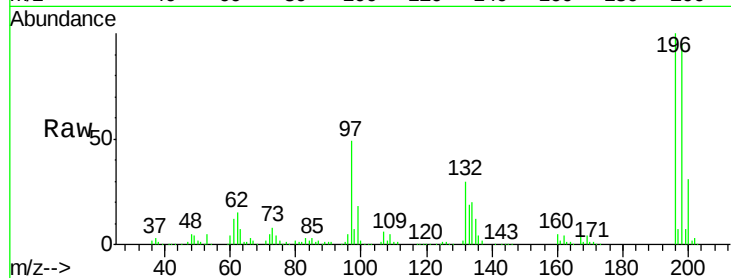




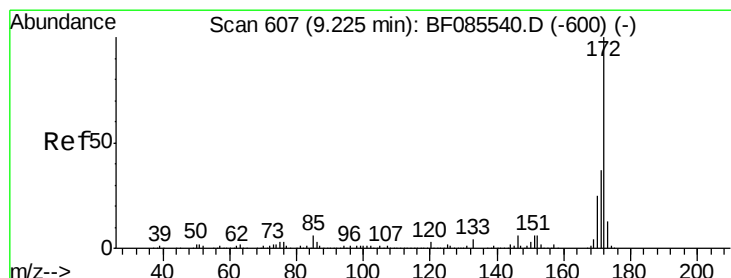
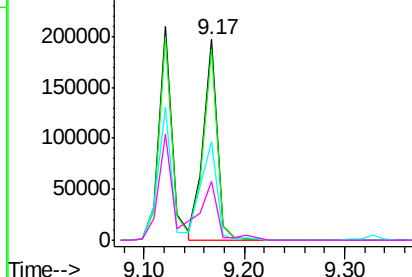
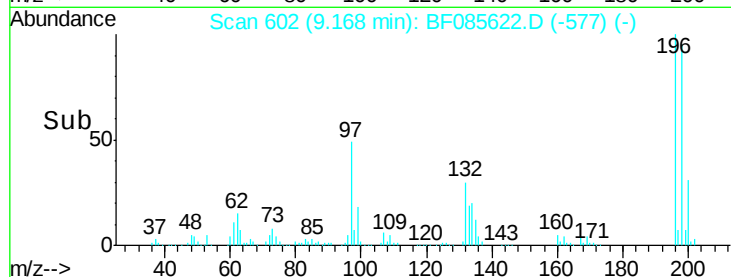
#43
 2,4,5-Trichlorophenol
 Concen: 39.26 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF085622.D
 Acq: 21 Mar 2016 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB89047BS

Tgt Ion:196 Resp: 191764
 Ion Ratio Lower Upper
 196 100
 198 95.2 76.6 114.8
 97 48.9 30.5 45.7#
 132 29.6 20.2 30.2

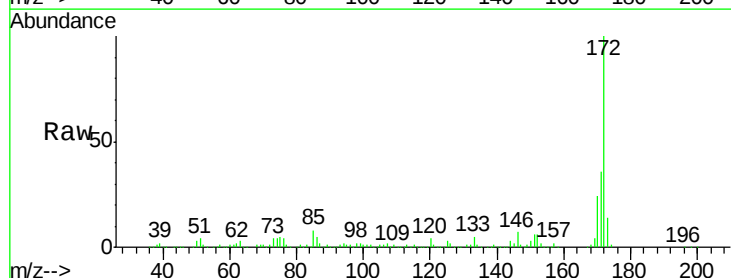


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

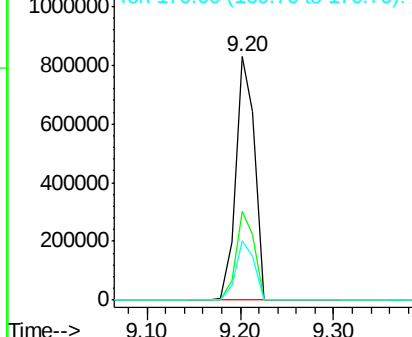
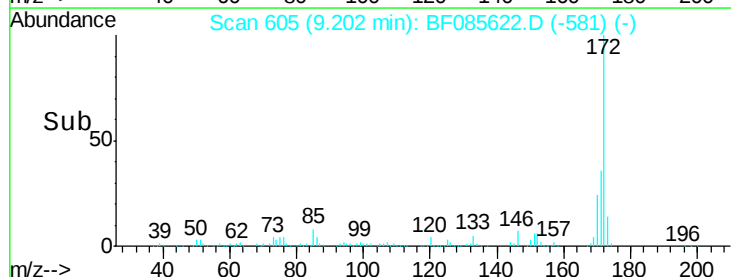


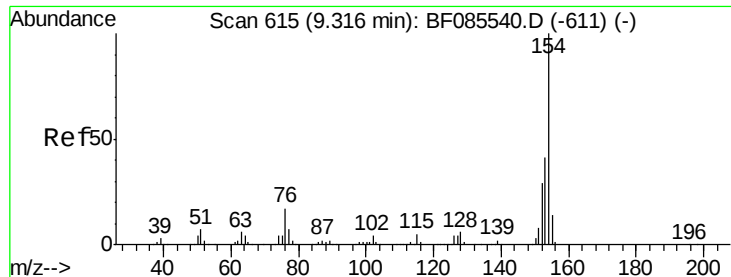
#44
 2-Fluorobiphenyl
 Concen: 85.41 ng
 RT: 9.20 min Scan# 605
 Delta R.T. -0.02 min
 Lab File: BF085622.D
 Acq: 21 Mar 2016 15:12

Tgt Ion:172 Resp: 1155782
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.2
 170 24.3 19.8 29.6



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

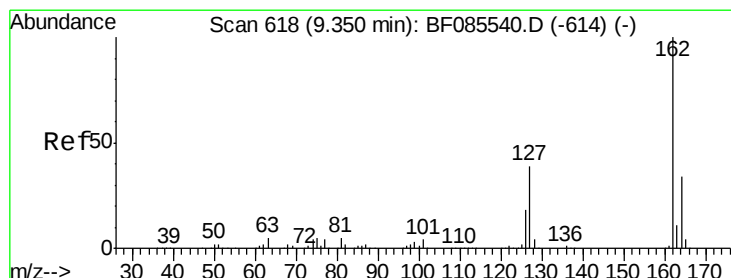
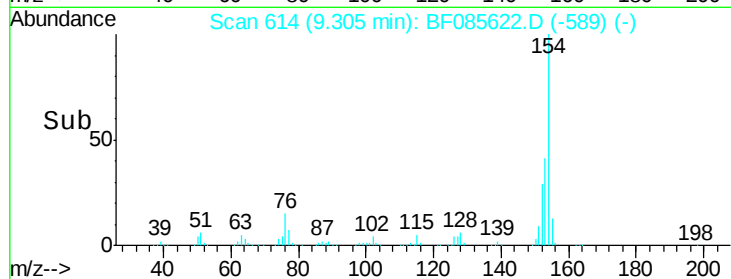
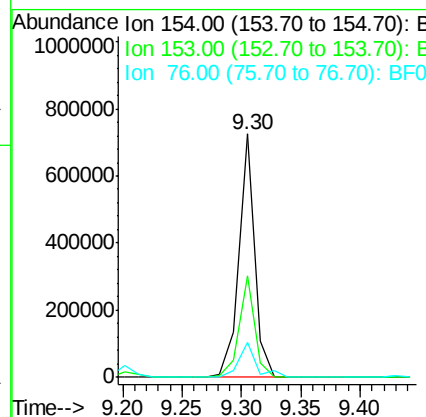
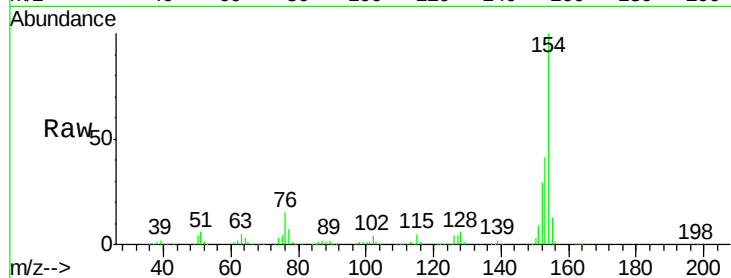




#45
 1,1'-Biphenyl
 Concen: 33.78 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF085622.D
 Acq: 21 Mar 2016 15:12

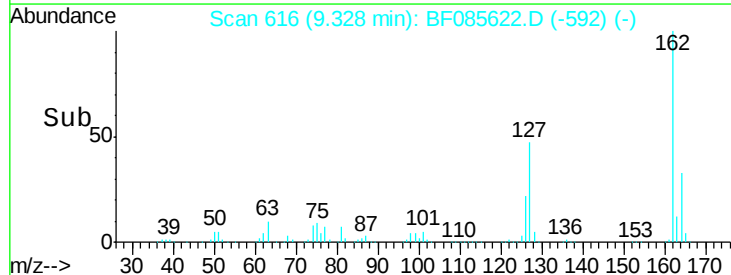
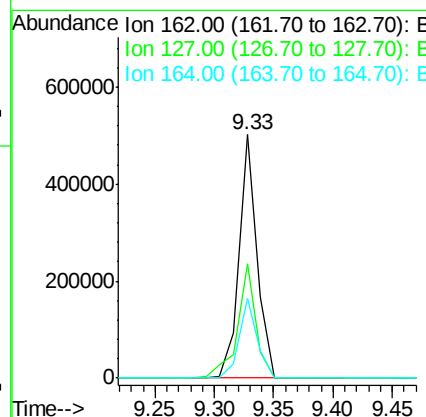
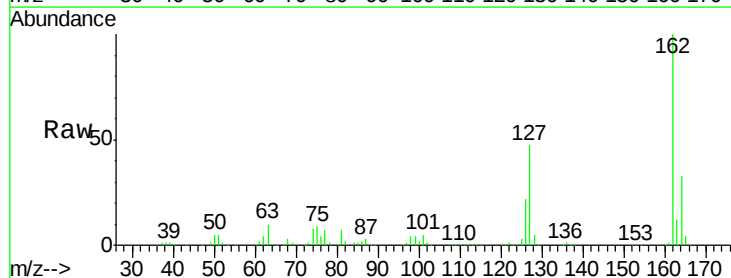
Instrument :
 BNA_F
 ClientSampleId :
 PB89047BS

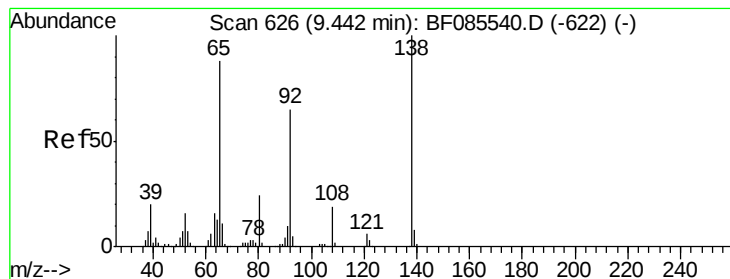
Tgt Ion:154 Resp: 673474
 Ion Ratio Lower Upper
 154 100
 153 41.5 20.8 60.8
 76 14.5 0.0 36.7



#46
 2-Chloronaphthalene
 Concen: 36.24 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF085622.D
 Acq: 21 Mar 2016 15:12

Tgt Ion:162 Resp: 527724
 Ion Ratio Lower Upper
 162 100
 127 46.9 31.7 47.5
 164 32.5 27.3 40.9





#47

2-Nitroaniline

Concen: 41.02 ng

RT: 9.43 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

Instrument :

BNA_F

ClientSampleId :

PB89047BS

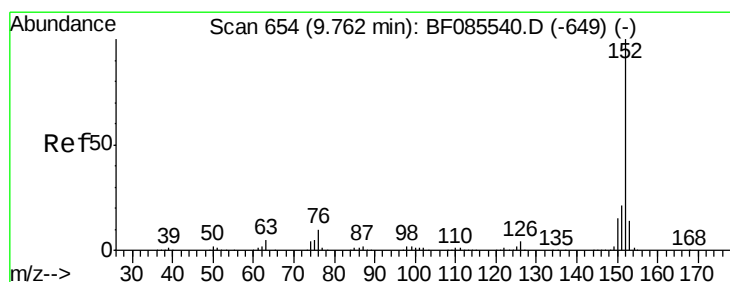
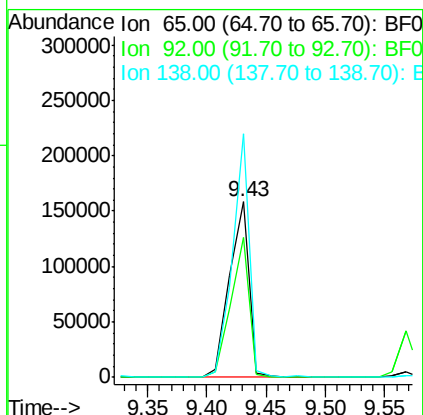
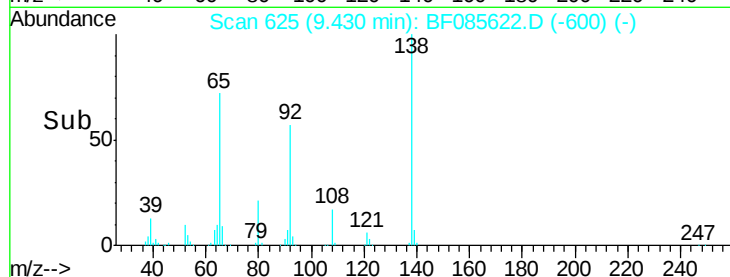
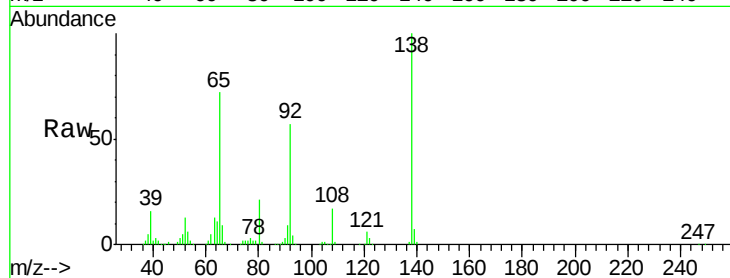
Tgt Ion: 65 Resp: 180743

Ion Ratio Lower Upper

65 100

92 79.8 59.7 89.5

138 138.9 91.4 137.0#



#48

Acenaphthylene

Concen: 38.81 ng

RT: 9.75 min Scan# 653

Delta R.T. -0.01 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

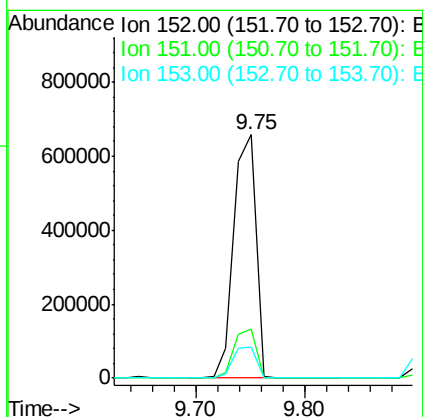
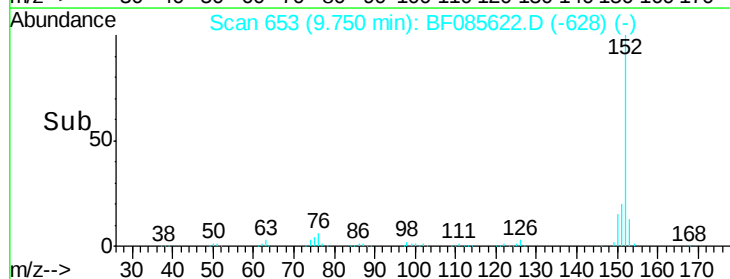
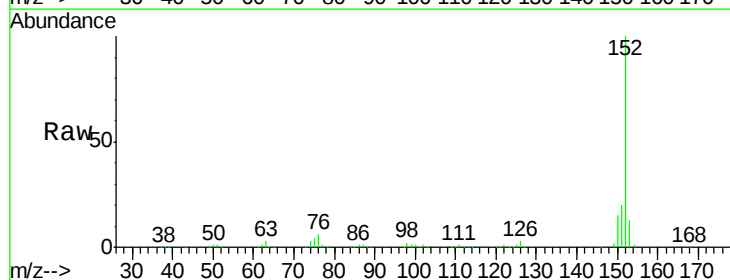
Tgt Ion: 152 Resp: 914808

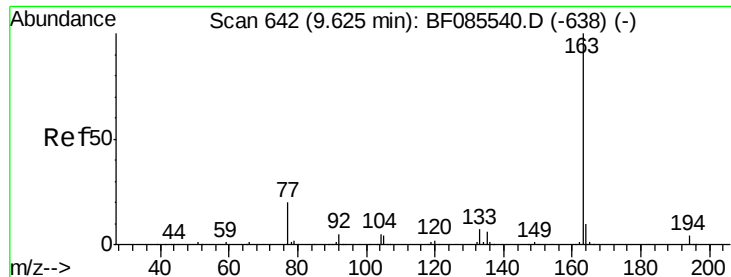
Ion Ratio Lower Upper

152 100

151 20.4 16.8 25.2

153 12.9 10.9 16.3

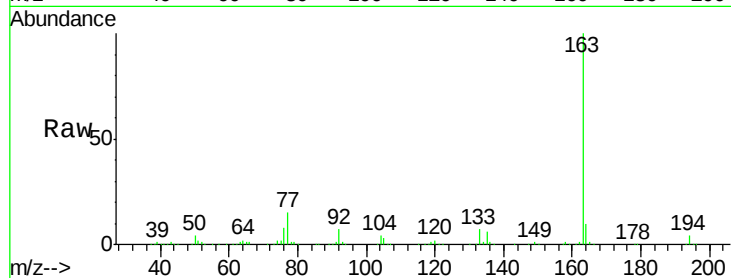




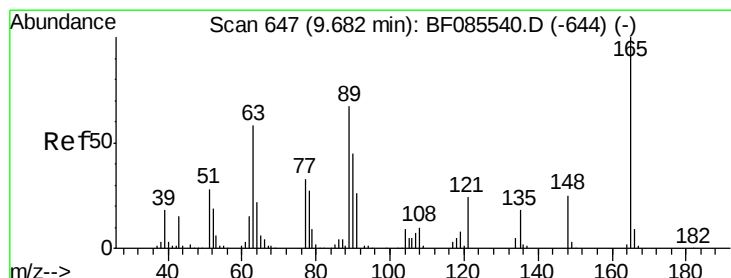
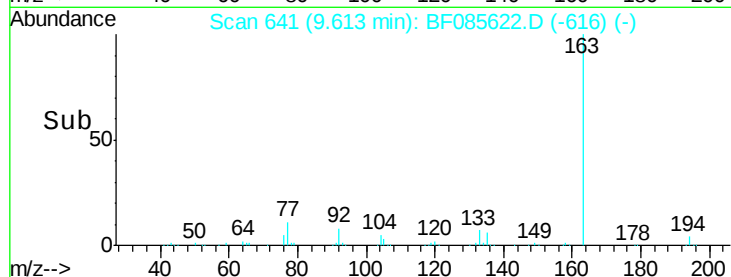
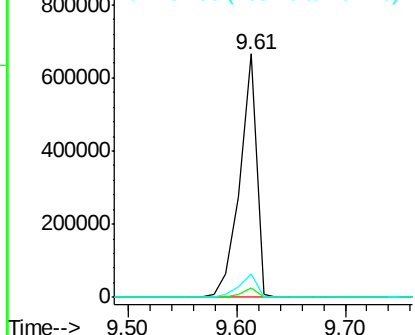
#49
Dimethylphthalate
Concen: 40.17 ng
RT: 9.61 min Scan# 641
Delta R.T. -0.01 min
Lab File: BF085622.D
Acq: 21 Mar 2016 15:12

Instrument :
BNA_F
ClientSampleId :
PB89047BS

Tgt Ion:163 Resp: 700593
Ion Ratio Lower Upper
163 100
194 3.7 2.9 4.3
164 9.7 8.3 12.5

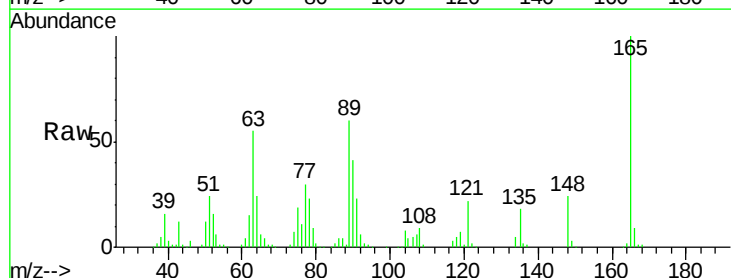


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

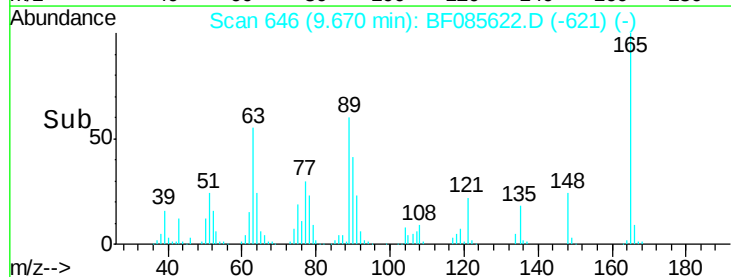
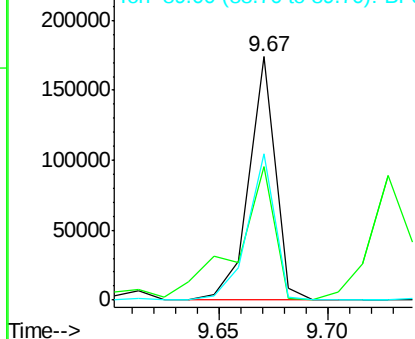


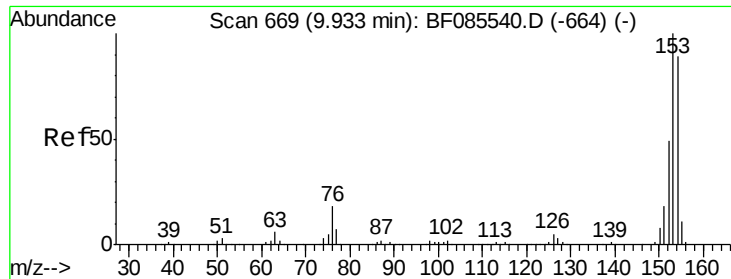
#50
2,6-Dinitrotoluene
Concen: 39.87 ng
RT: 9.67 min Scan# 646
Delta R.T. -0.01 min
Lab File: BF085622.D
Acq: 21 Mar 2016 15:12

Tgt Ion:165 Resp: 146798
Ion Ratio Lower Upper
165 100
63 54.9 51.8 77.8
89 60.0 53.7 80.5



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





#51

Acenaphthene

Concen: 41.41 ng

RT: 9.92 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

Instrument :

BNA_F

ClientSampleId :

PB89047BS

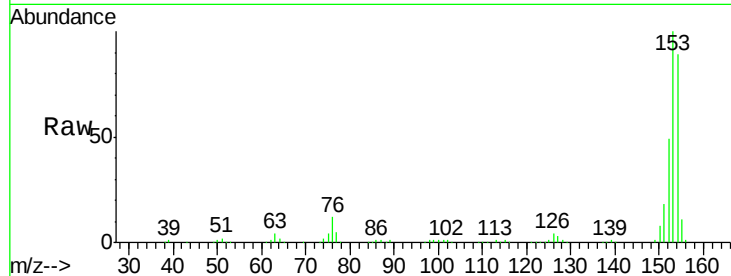
Tgt Ion:154 Resp: 612472

Ion Ratio Lower Upper

154 100

153 112.0 90.1 135.1

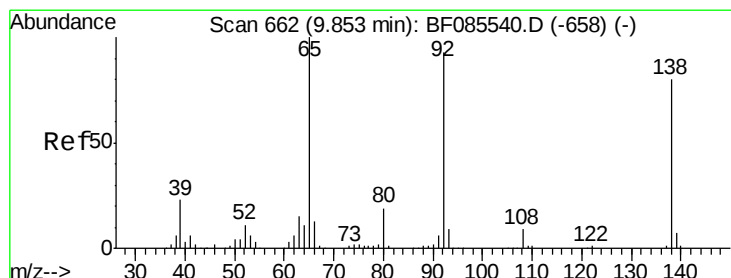
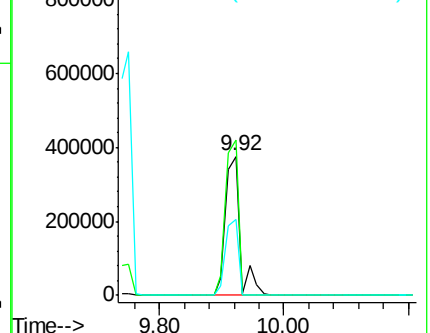
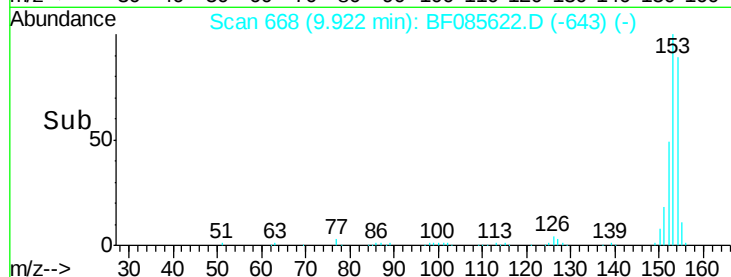
152 54.8 44.2 66.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 12.25 ng

RT: 9.83 min Scan# 660

Delta R.T. -0.02 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

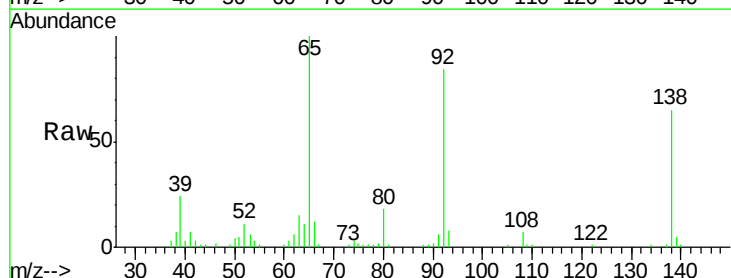
Tgt Ion:138 Resp: 56476

Ion Ratio Lower Upper

138 100

108 11.2 8.7 13.1

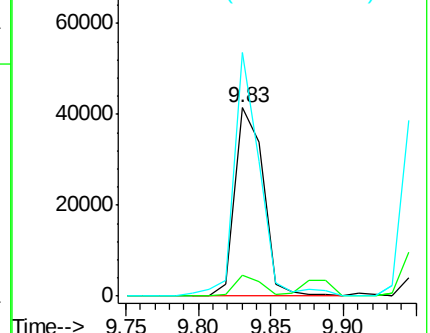
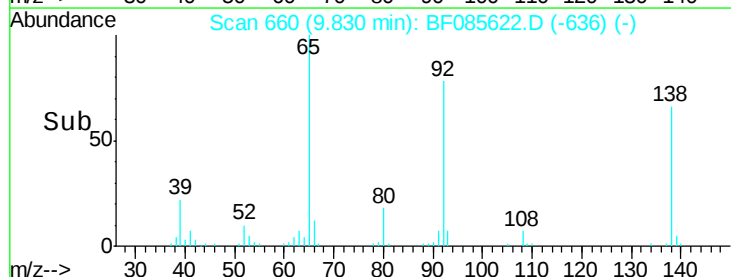
92 129.2 93.3 139.9

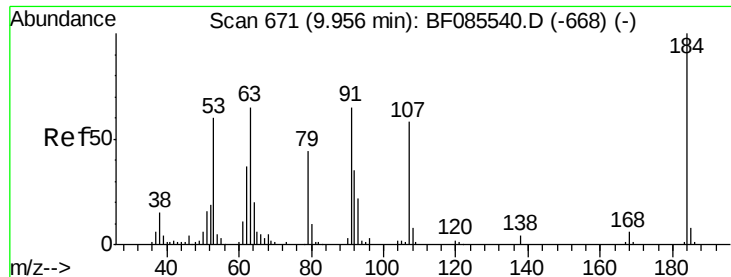


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

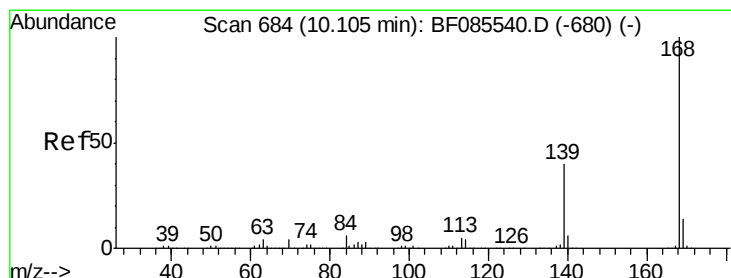
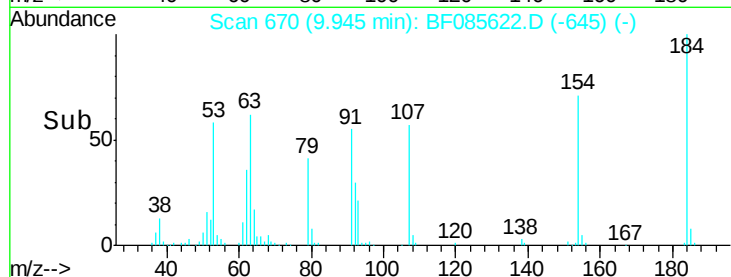
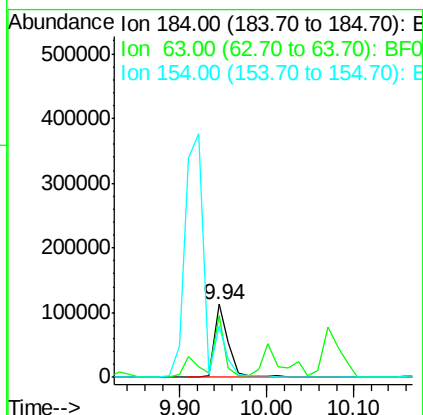
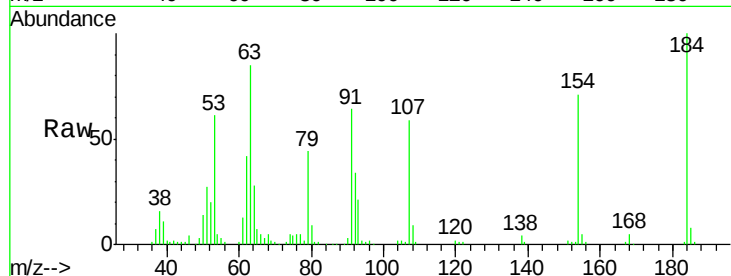




#53
 2,4-Dinitrophenol
 Concen: 57.45 ng
 RT: 9.94 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF085622.D
 Acq: 21 Mar 2016 15:12

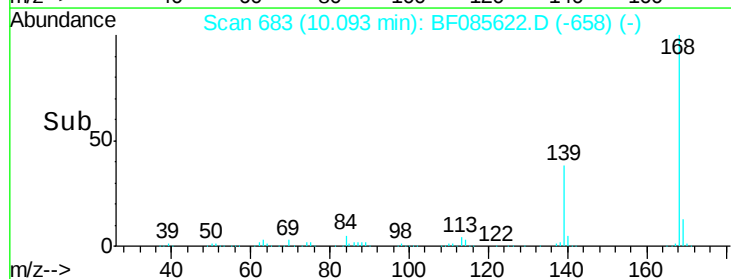
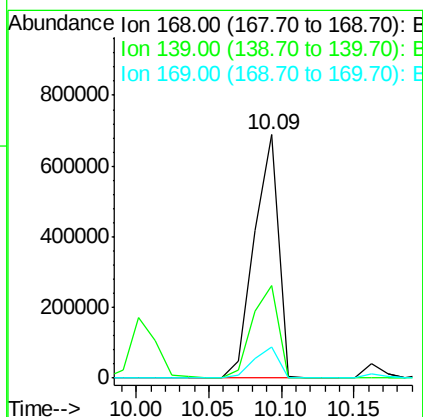
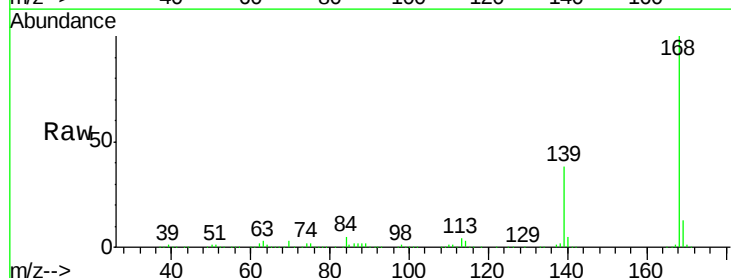
Instrument :
 BNA_F
 ClientSampleId :
 PB89047BS

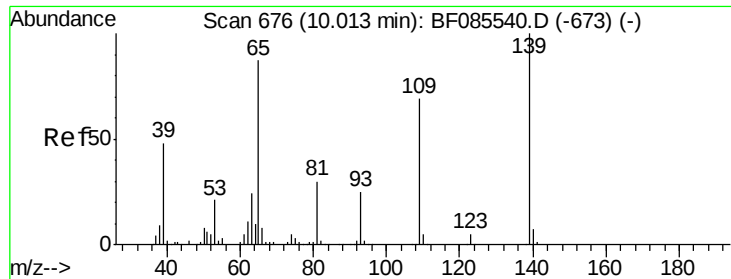
Tgt Ion:184 Resp: 129572
 Ion Ratio Lower Upper
 184 100
 63 85.5 69.5 104.3
 154 70.7 58.3 87.5



#54
 Dibenzofuran
 Concen: 44.35 ng
 RT: 10.09 min Scan# 683
 Delta R.T. -0.01 min
 Lab File: BF085622.D
 Acq: 21 Mar 2016 15:12

Tgt Ion:168 Resp: 798833
 Ion Ratio Lower Upper
 168 100
 139 37.8 31.9 47.9
 169 12.9 11.0 16.6





#55

4-Nitrophenol

Concen: 60.67 ng

RT: 10.00 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

Instrument :

BNA_F

ClientSampleId :

PB89047BS

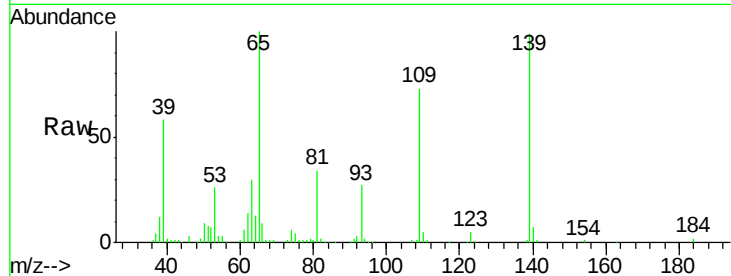
Tgt Ion:139 Resp: 216213

Ion Ratio Lower Upper

139 100

109 73.8 49.2 89.2

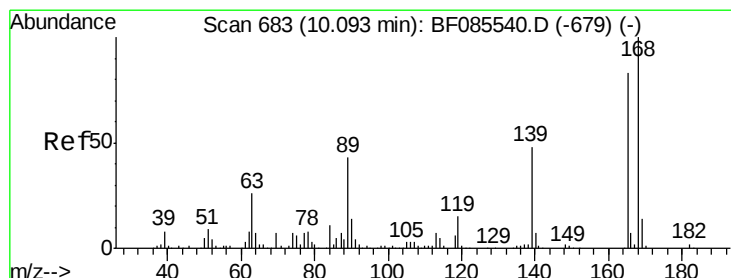
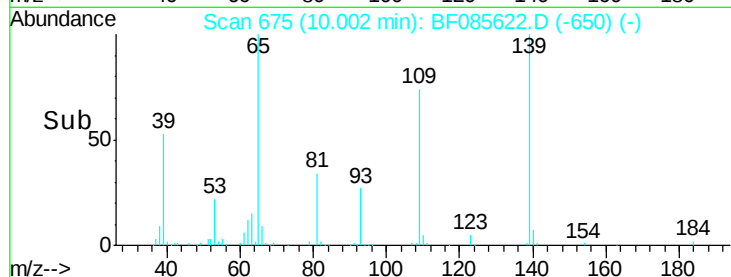
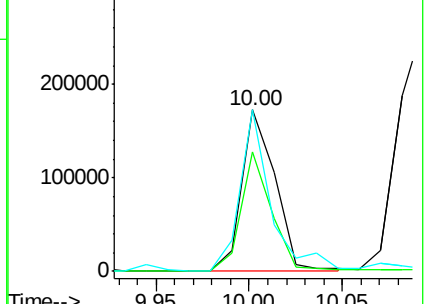
65 100.5 66.9 106.9



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



#56

2,4-Dinitrotoluene

Concen: 38.47 ng

RT: 10.07 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

Tgt Ion:165 Resp: 185440

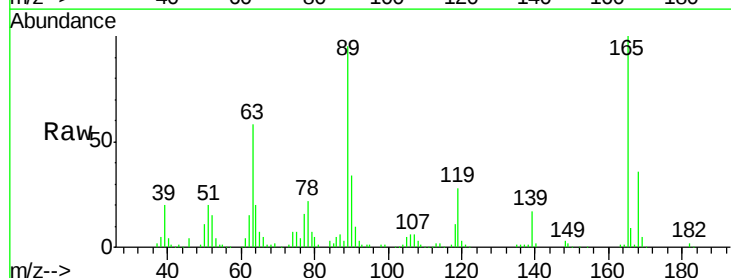
Ion Ratio Lower Upper

165 100

63 57.8 24.9 37.3#

89 95.4 41.0 61.6#

182 2.3 2.1 3.1

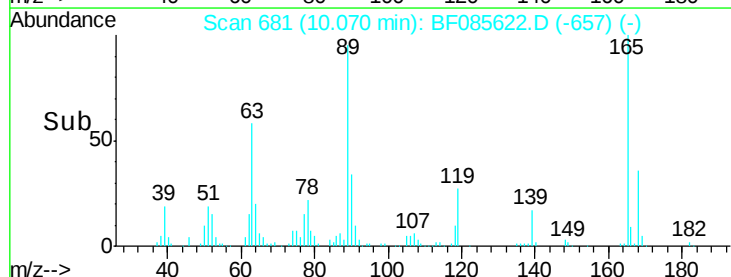
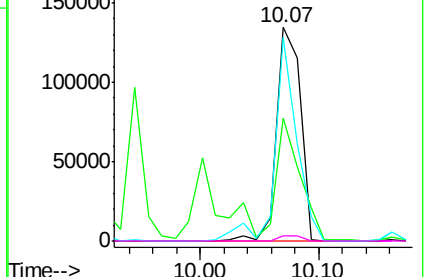


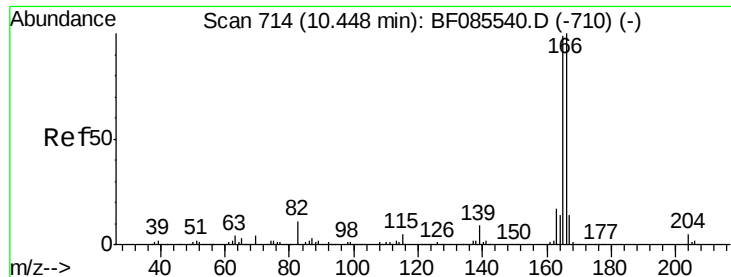
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

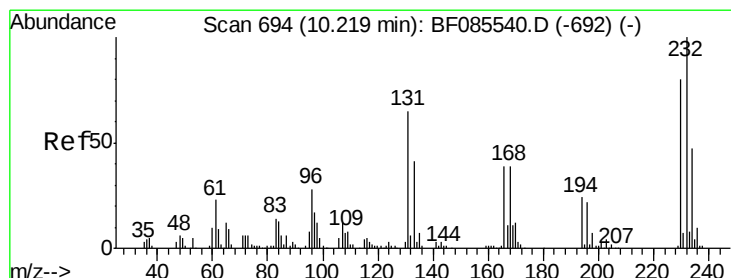
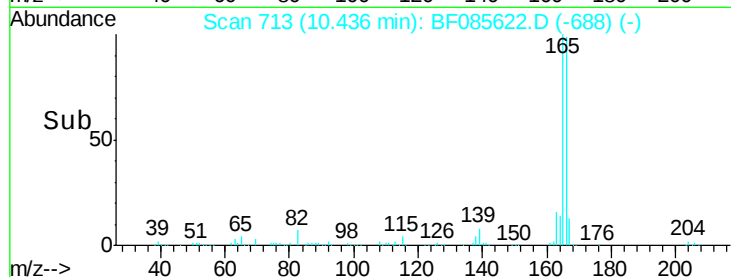
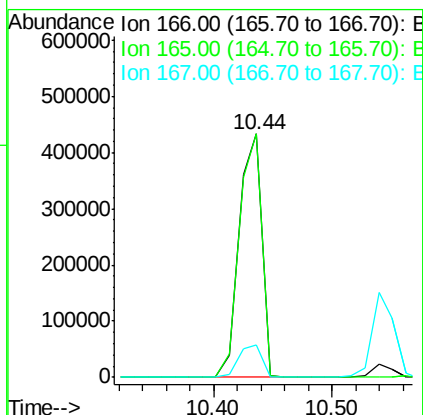
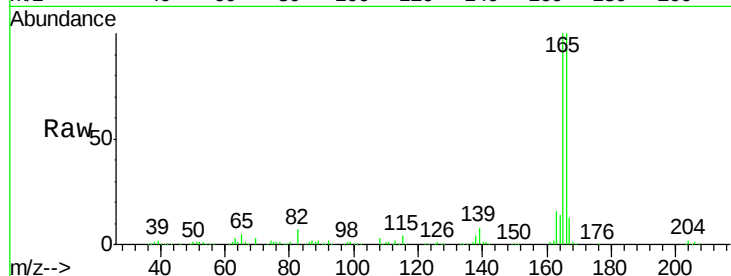




#57
 Fluorene
 Concen: 38.49 ng
 RT: 10.44 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: BF085622.D
 Acq: 21 Mar 2016 15:12

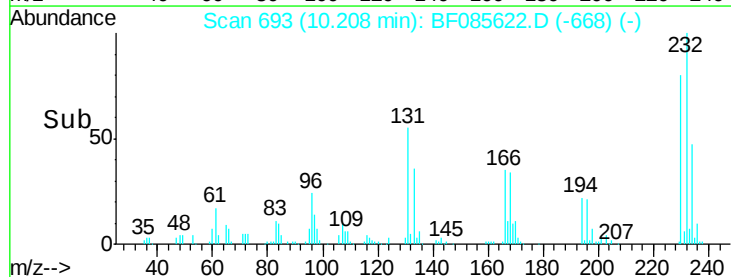
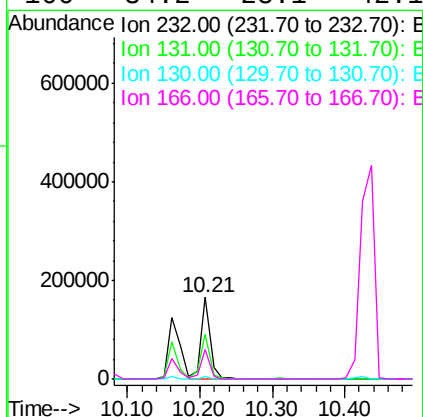
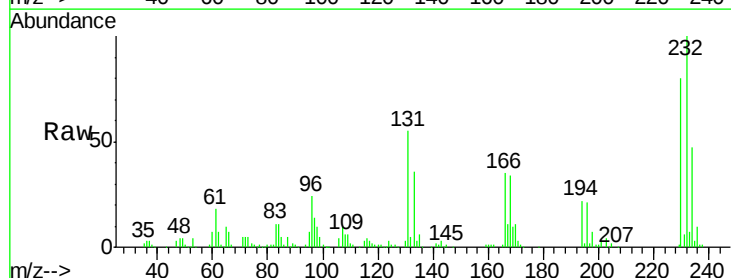
Instrument :
 BNA_F
 ClientSampleId :
 PB89047BS

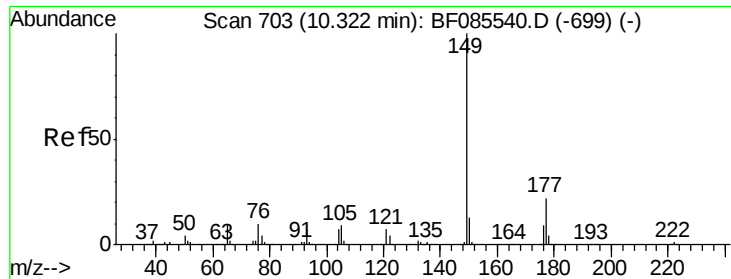
Tgt Ion:166 Resp: 577732
 Ion Ratio Lower Upper
 166 100
 165 99.9 79.4 119.0
 167 13.1 11.0 16.4



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.95 ng
 RT: 10.21 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BF085622.D
 Acq: 21 Mar 2016 15:12

Tgt Ion:232 Resp: 147523
 Ion Ratio Lower Upper
 232 100
 131 54.7 44.9 67.3
 130 2.7 2.3 3.5
 166 34.2 28.1 42.1

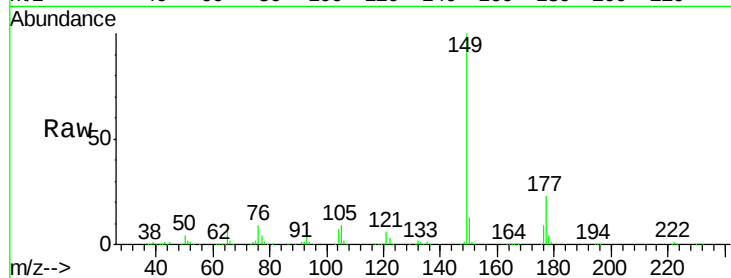




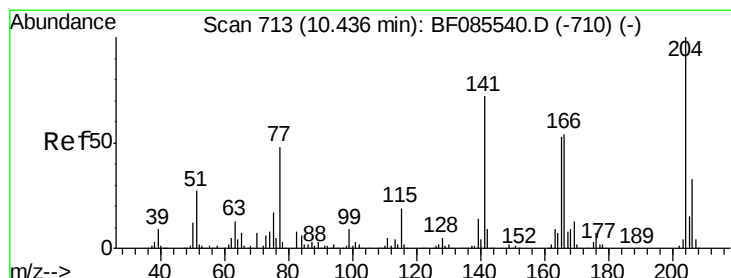
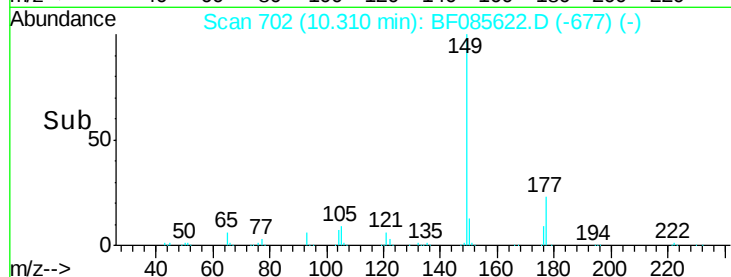
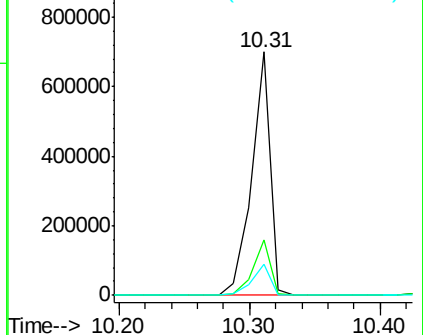
#59
Diethylphthalate
Concen: 39.64 ng
RT: 10.31 min Scan# 702
Delta R.T. -0.01 min
Lab File: BF085622.D
Acq: 21 Mar 2016 15:12

Instrument :
BNA_F
ClientSampleId :
PB89047BS

Tgt Ion:149 Resp: 687365
Ion Ratio Lower Upper
149 100
177 22.8 17.9 26.9
150 12.6 10.2 15.2

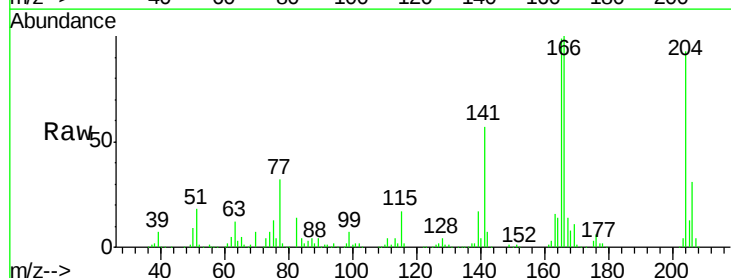


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

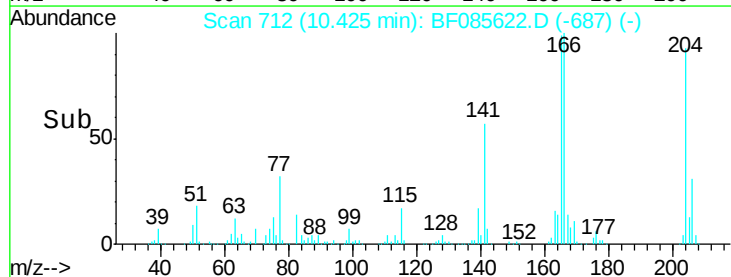
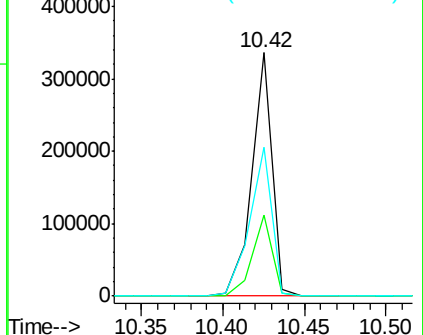


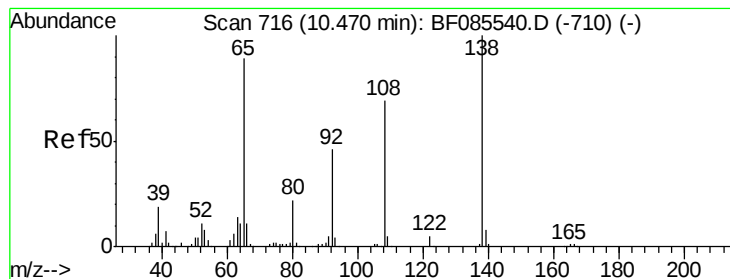
#60
4-Chlorophenyl-phenylether
Concen: 39.49 ng
RT: 10.42 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF085622.D
Acq: 21 Mar 2016 15:12

Tgt Ion:204 Resp: 289451
Ion Ratio Lower Upper
204 100
206 33.3 26.6 39.8
141 61.1 57.4 86.0



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 33.65 ng

RT: 10.45 min Scan# 714

Delta R.T. -0.02 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

Instrument :

BNA_F

ClientSampleId :

PB89047BS

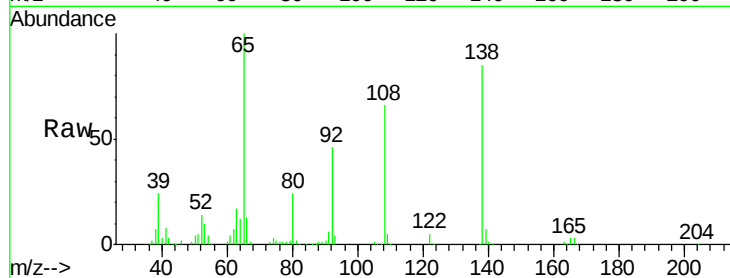
Tgt Ion:138 Resp: 152951

Ion Ratio Lower Upper

138 100

92 54.1 26.4 66.4

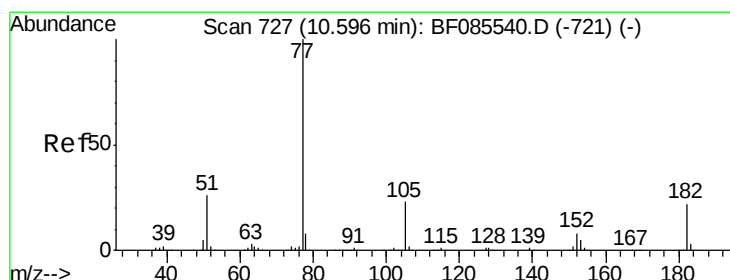
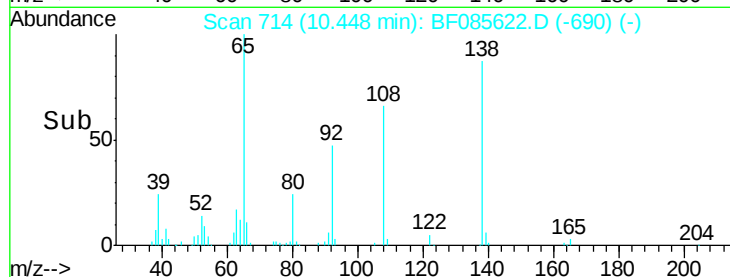
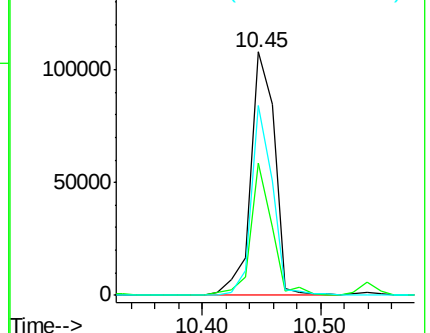
108 78.0 49.0 89.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 42.97 ng

RT: 10.58 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

Tgt Ion: 77 Resp: 715021

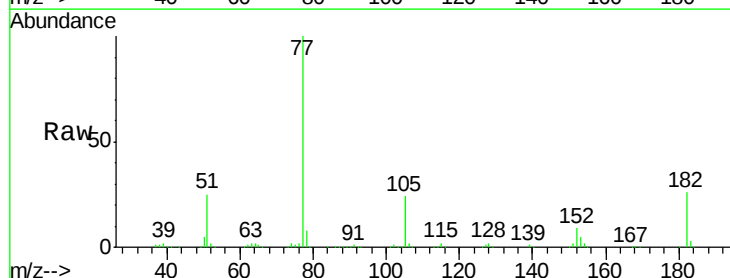
Ion Ratio Lower Upper

77 100

182 26.1 1.9 41.9

105 24.3 3.5 43.5

51 24.5 6.3 46.3

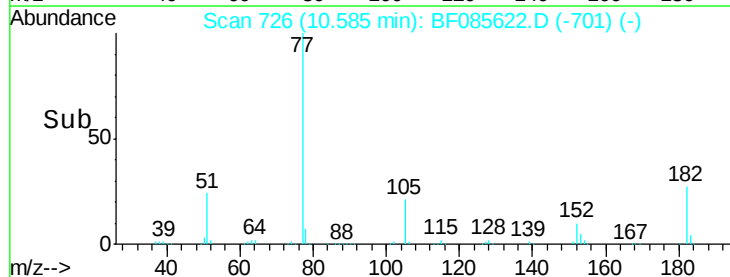
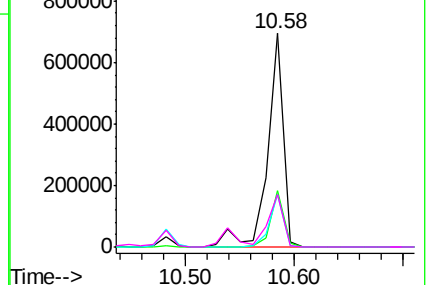


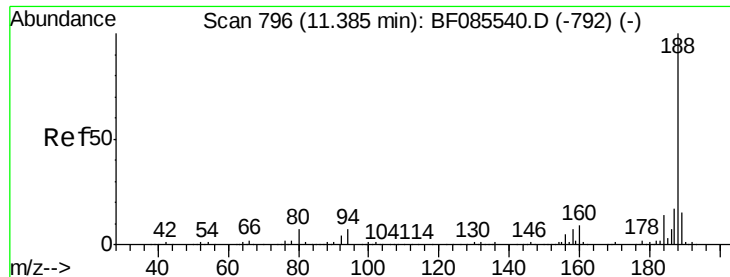
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

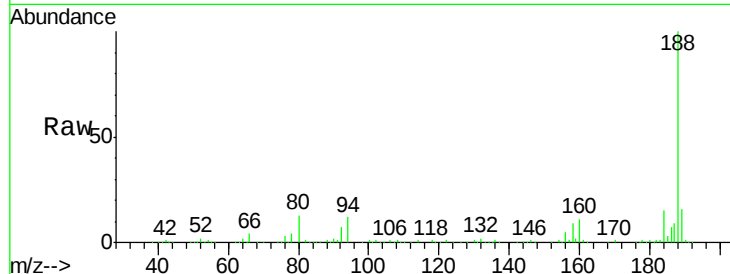




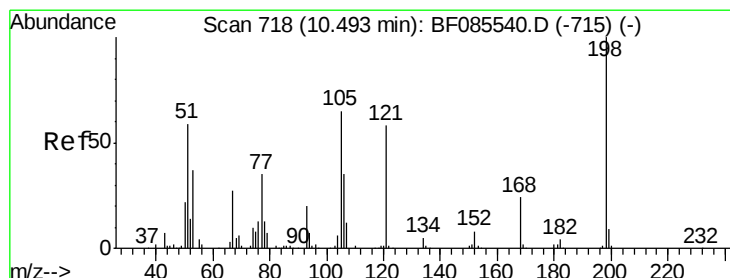
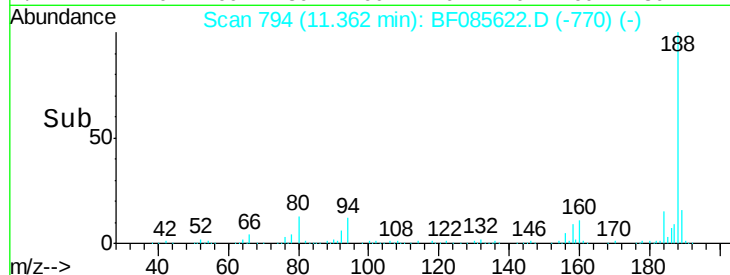
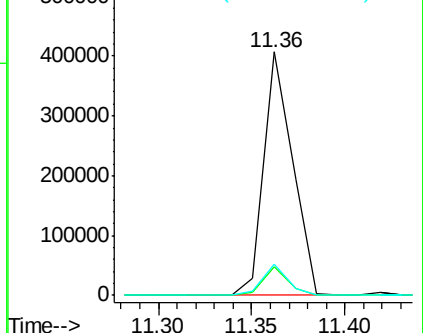
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 794
Delta R.T. -0.02 min
Lab File: BF085622.D
Acq: 21 Mar 2016 15:12

Instrument :
BNA_F
ClientSampleId :
PB89047BS

Tgt Ion:188 Resp: 435375
Ion Ratio Lower Upper
188 100
94 11.8 5.4 8.0#
80 12.8 5.5 8.3#

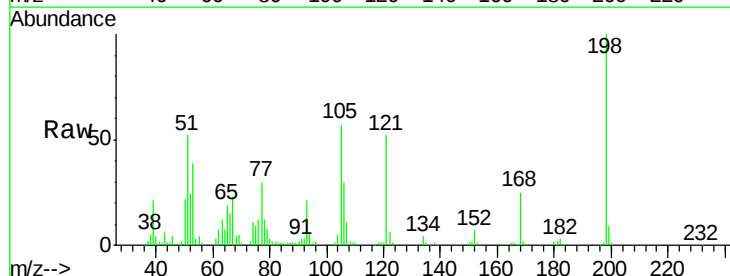


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

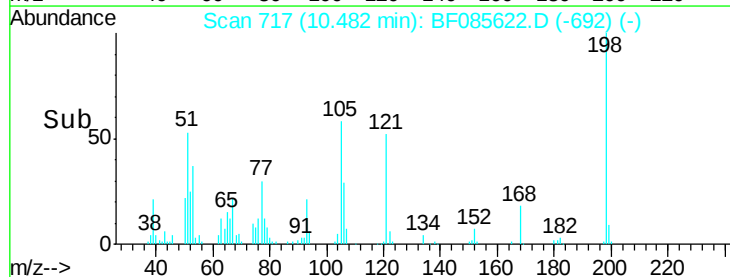
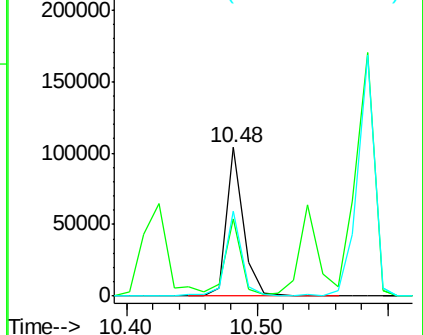


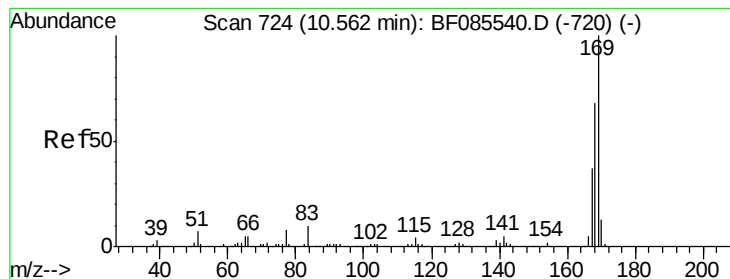
#64
4,6-Dinitro-2-methylphenol
Concen: 33.67 ng
RT: 10.48 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF085622.D
Acq: 21 Mar 2016 15:12

Tgt Ion:198 Resp: 93813
Ion Ratio Lower Upper
198 100
51 52.3 45.4 85.4
105 57.4 45.9 85.9



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





#65

n-Nitrosodiphenylamine

Concen: 38.59 ng

RT: 10.54 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

Instrument :

BNA_F

ClientSampleId :

PB89047BS

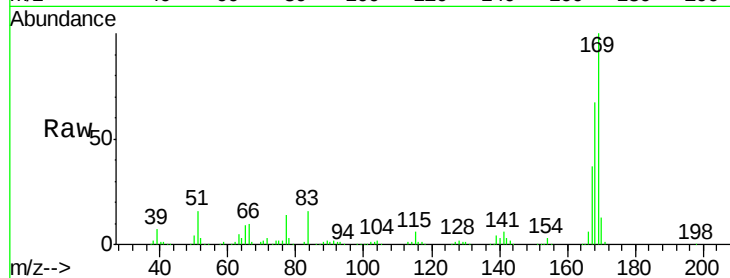
Tgt Ion:169 Resp: 523352

Ion Ratio Lower Upper

169 100

168 66.7 54.4 81.6

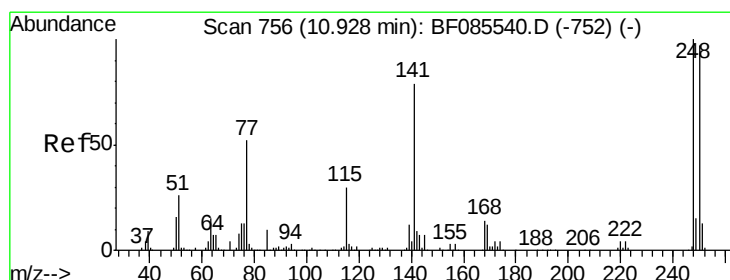
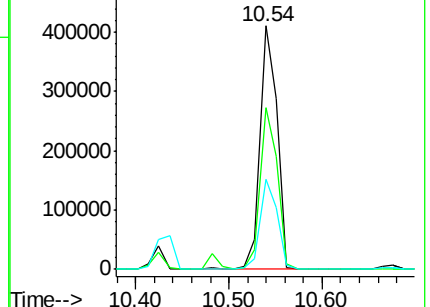
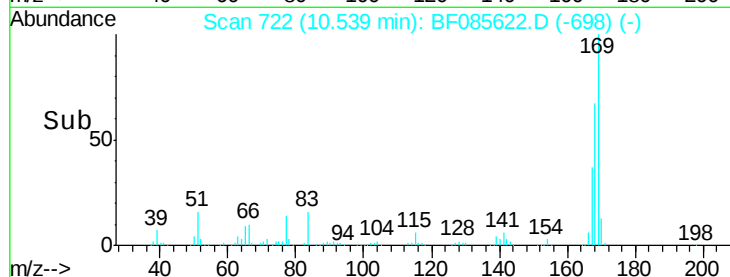
167 37.0 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.23 ng

RT: 10.92 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

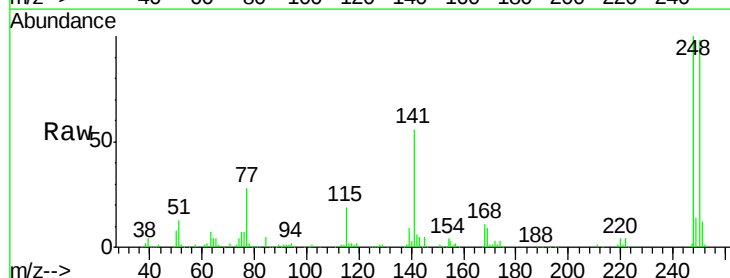
Tgt Ion:248 Resp: 174975

Ion Ratio Lower Upper

248 100

250 98.4 77.4 116.0

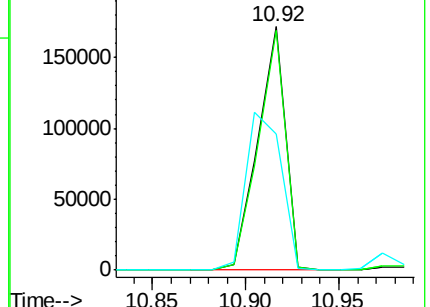
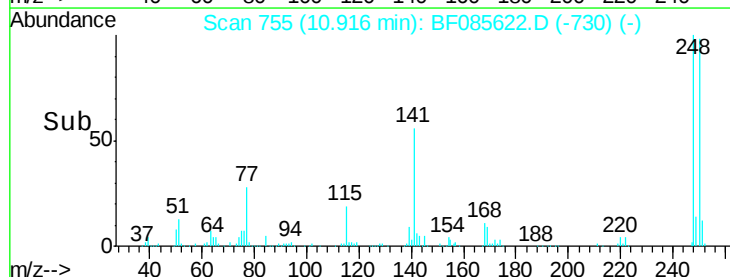
141 55.9 63.6 95.4#

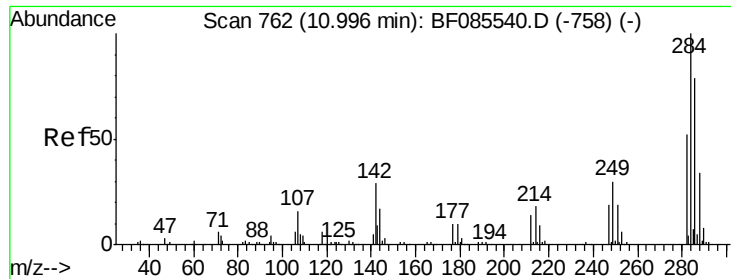


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

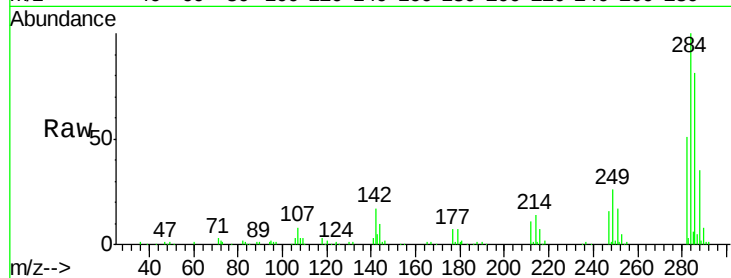




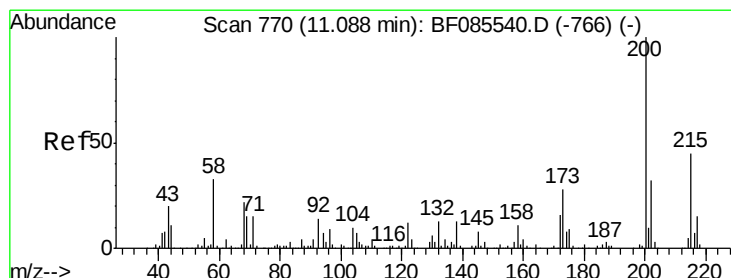
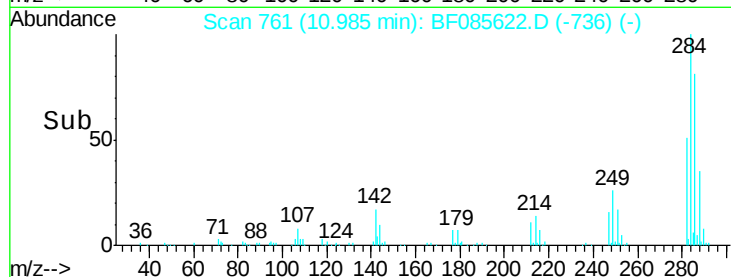
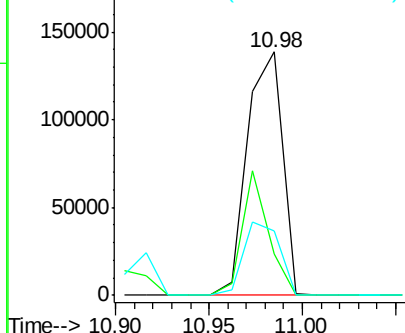
#67
Hexachlorobenzene
Concen: 39.07 ng
RT: 10.98 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF085622.D
Acq: 21 Mar 2016 15:12

Instrument :
BNA_F
ClientSampleId :
PB89047BS

Tgt Ion:284 Resp: 180514
Ion Ratio Lower Upper
284 100
142 17.2 23.1 34.7#
249 26.4 24.2 36.2

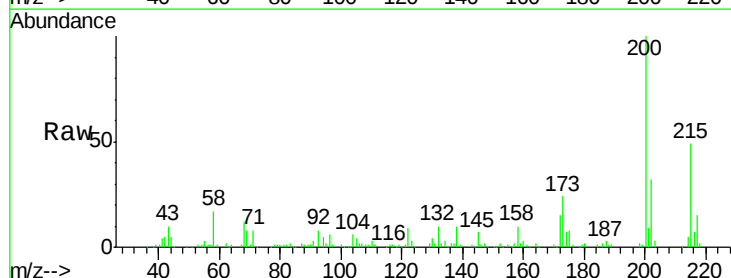


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

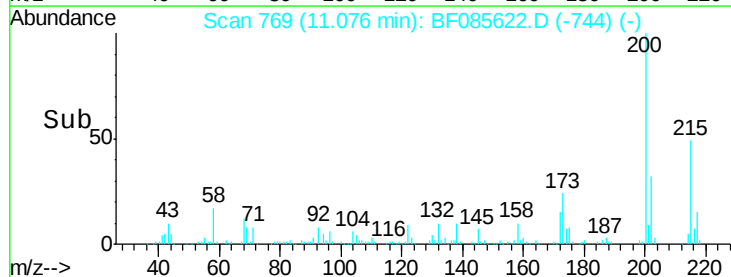
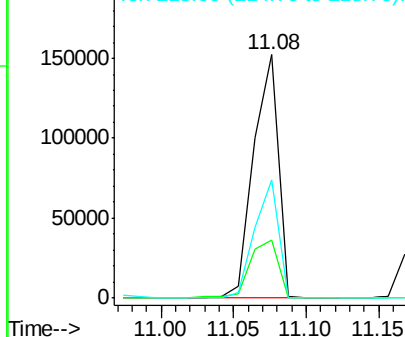


#68
Atrazine
Concen: 43.52 ng
RT: 11.08 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF085622.D
Acq: 21 Mar 2016 15:12

Tgt Ion:200 Resp: 179696
Ion Ratio Lower Upper
200 100
173 24.0 7.7 47.7
215 48.7 25.4 65.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

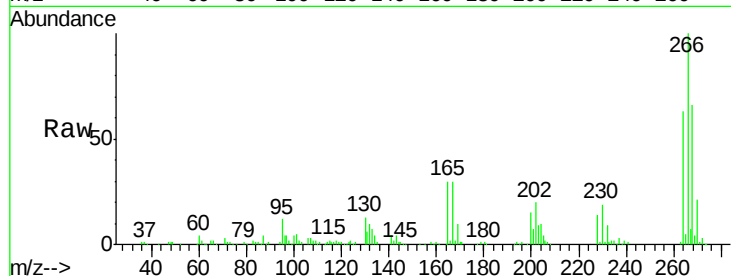




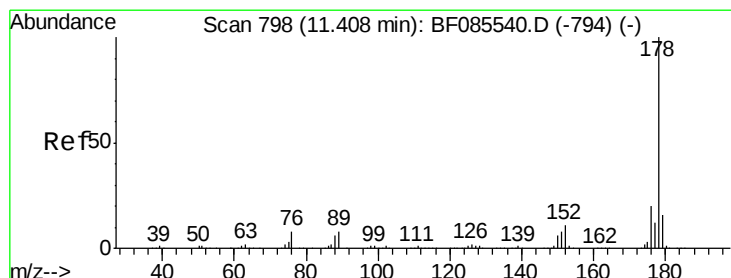
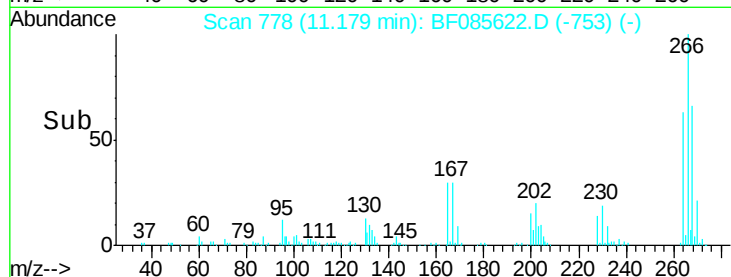
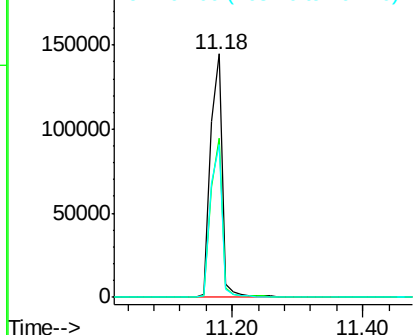
#69
 Pentachlorophenol
 Concen: 66.25 ng
 RT: 11.18 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF085622.D
 Acq: 21 Mar 2016 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB89047BS

Tgt Ion:266 Resp: 185856
 Ion Ratio Lower Upper
 266 100
 268 65.6 51.5 77.3
 264 62.5 50.6 76.0

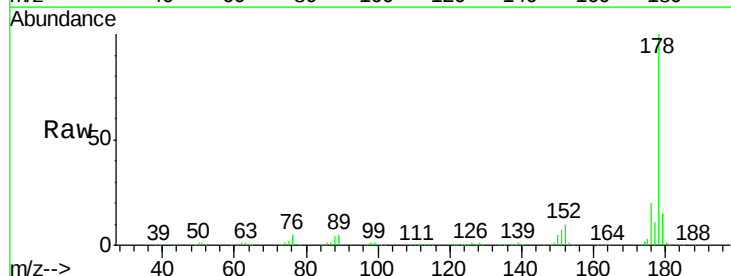


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

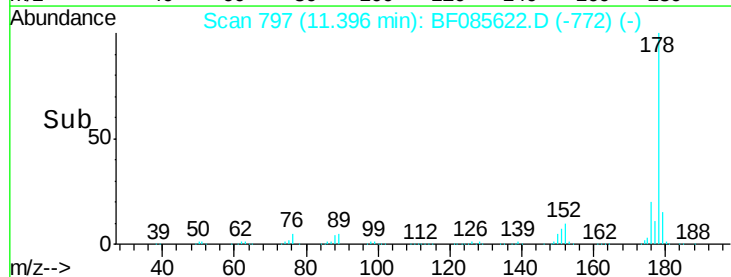
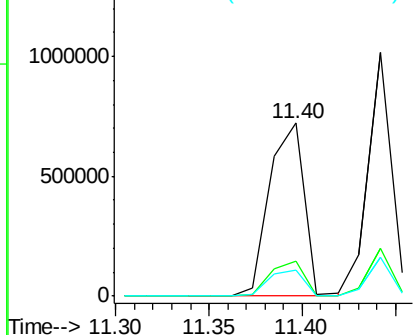


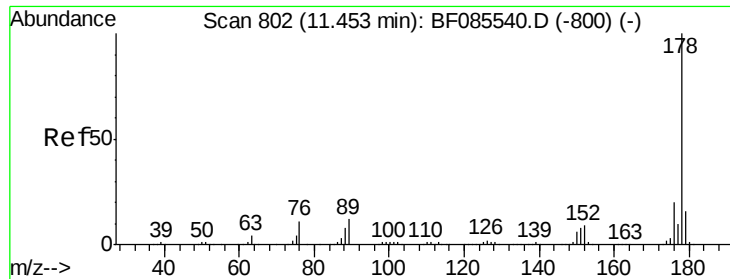
#70
 Phenanthrene
 Concen: 40.54 ng
 RT: 11.40 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF085622.D
 Acq: 21 Mar 2016 15:12

Tgt Ion:178 Resp: 930691
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.3 24.5
 179 15.0 12.6 18.8



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

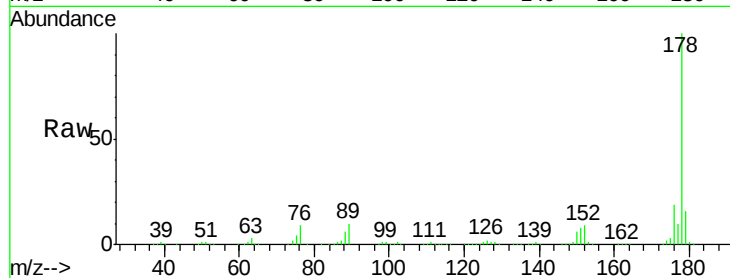




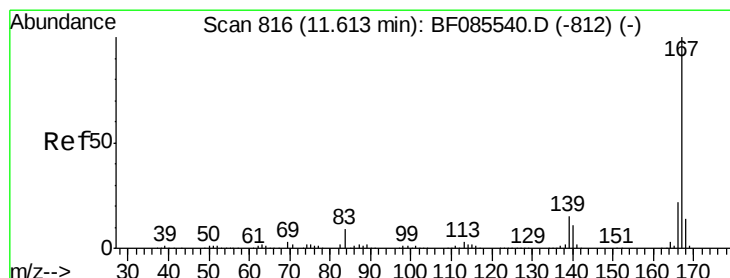
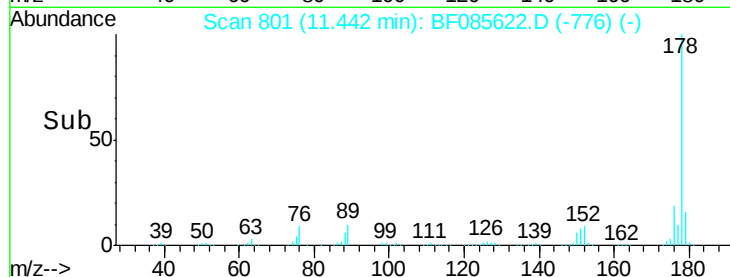
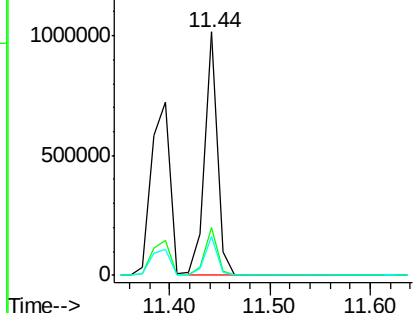
#71
 Anthracene
 Concen: 36.96 ng
 RT: 11.44 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF085622.D
 Acq: 21 Mar 2016 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB89047BS

Tgt Ion:178 Resp: 889757
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.9 23.9
 179 15.7 13.0 19.4

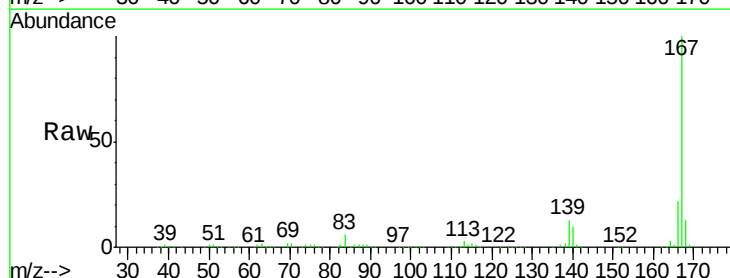


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

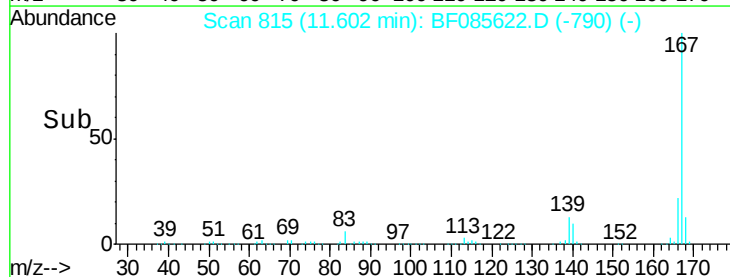
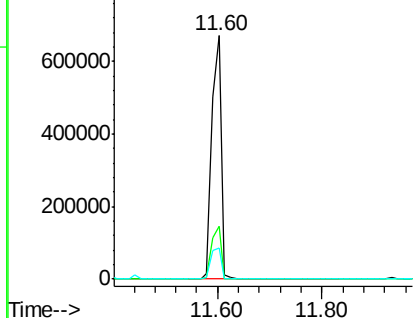


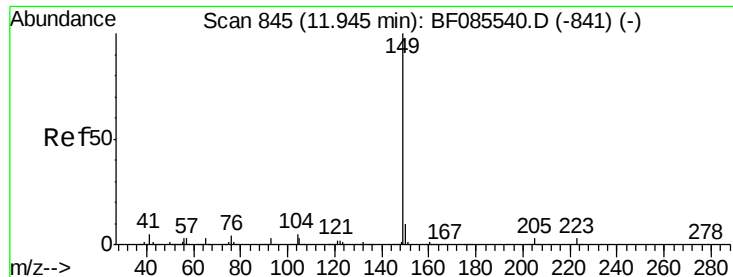
#72
 Carbazole
 Concen: 40.21 ng
 RT: 11.60 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF085622.D
 Acq: 21 Mar 2016 15:12

Tgt Ion:167 Resp: 835030
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.8 26.8
 139 12.8 11.6 17.4



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





#73

Di-n-butylphthalate

Concen: 40.46 ng

RT: 11.93 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

Instrument :

BNA_F

ClientSampleId :

PB89047BS

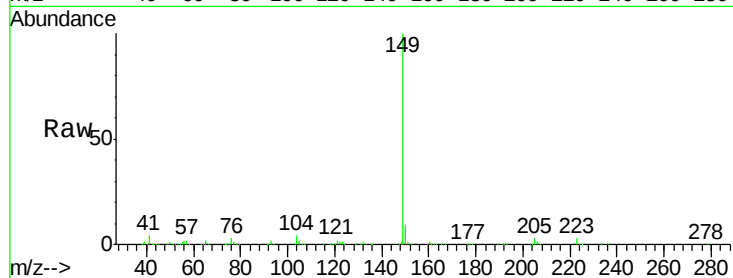
Tgt Ion:149 Resp: 1052211

Ion Ratio Lower Upper

149 100

150 9.0 7.6 11.4

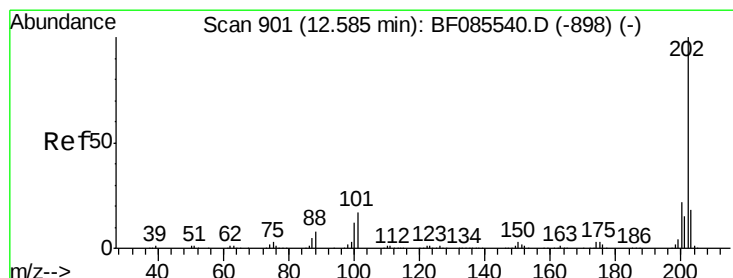
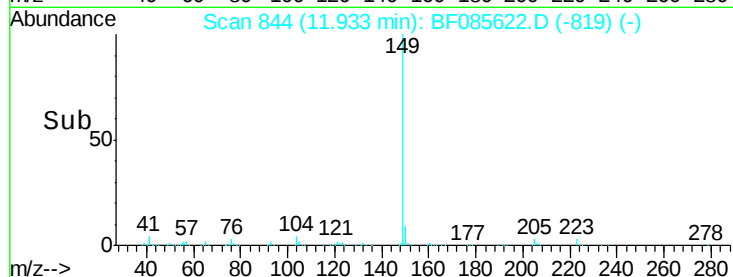
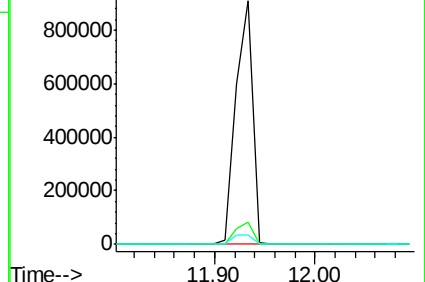
104 4.0 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 34.31 ng

RT: 12.57 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

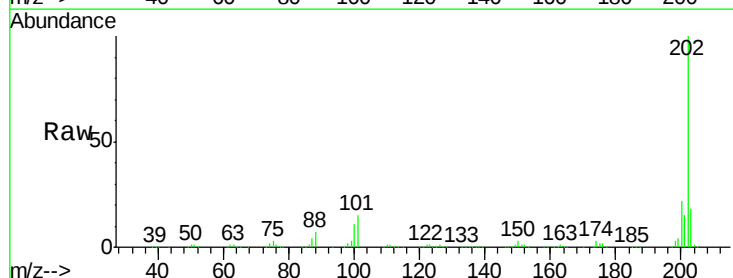
Tgt Ion:202 Resp: 824813

Ion Ratio Lower Upper

202 100

101 14.7 0.0 36.6

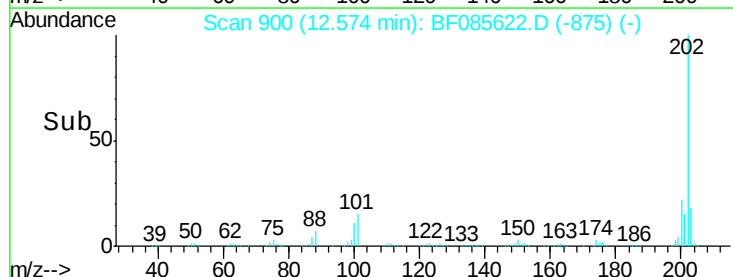
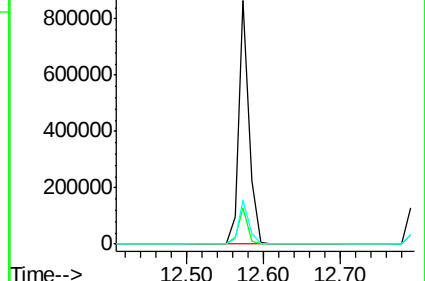
203 18.1 0.0 38.1

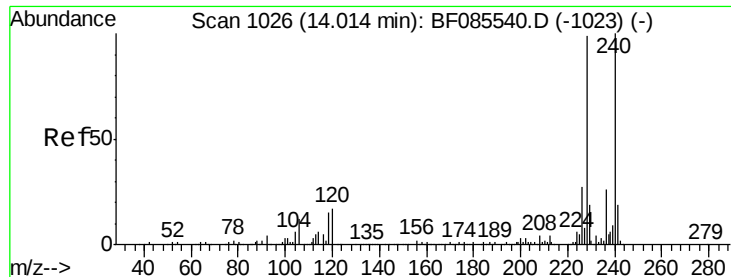


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

Instrument :

BNA_F

ClientSampleId :

PB89047BS

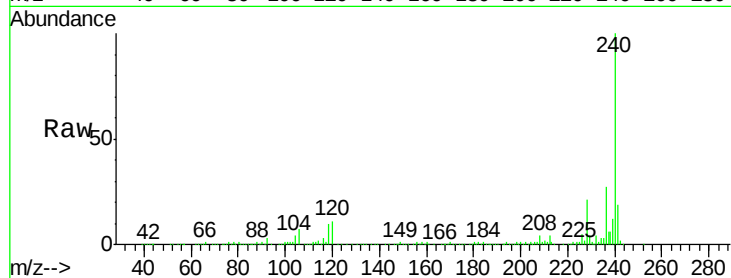
Tgt Ion:240 Resp: 331705

Ion Ratio Lower Upper

240 100

120 11.3 13.8 20.8#

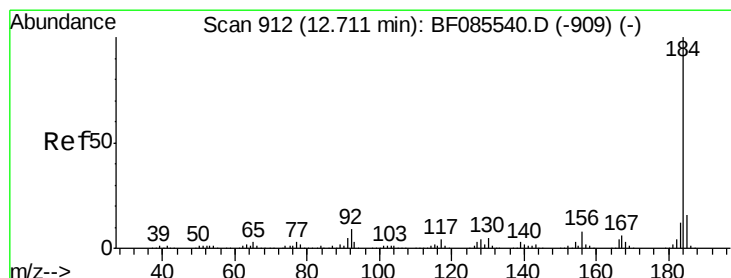
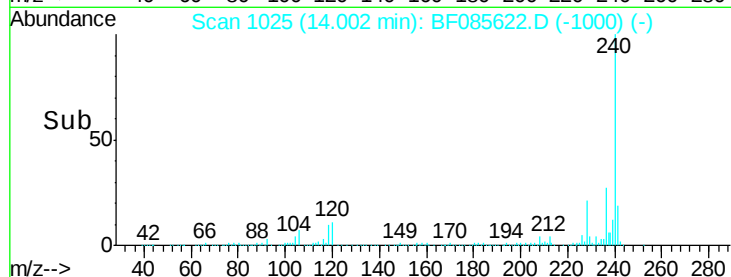
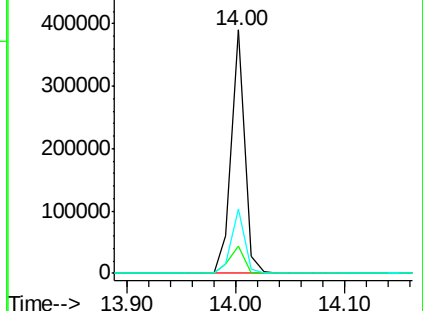
236 26.7 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 21.04 ng

RT: 12.70 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

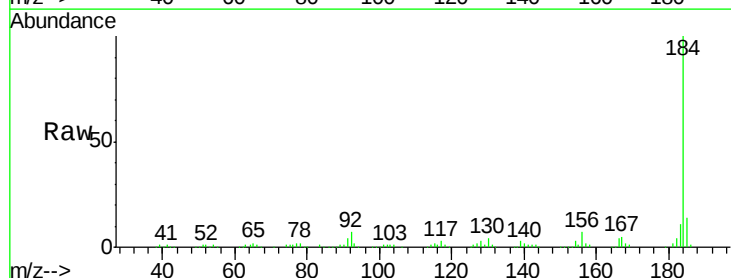
Tgt Ion:184 Resp: 234723

Ion Ratio Lower Upper

184 100

185 14.3 12.4 18.6

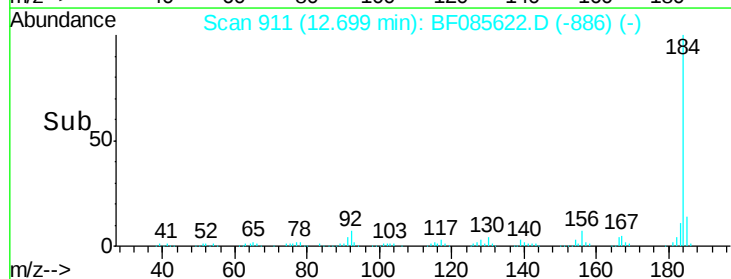
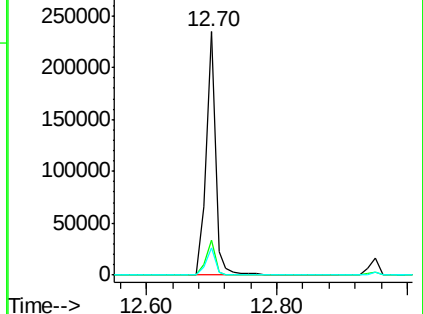
183 11.2 9.4 14.2

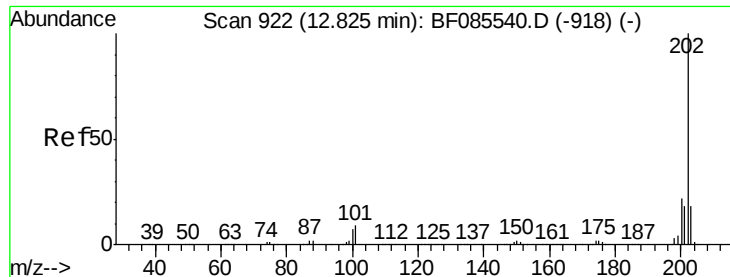


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

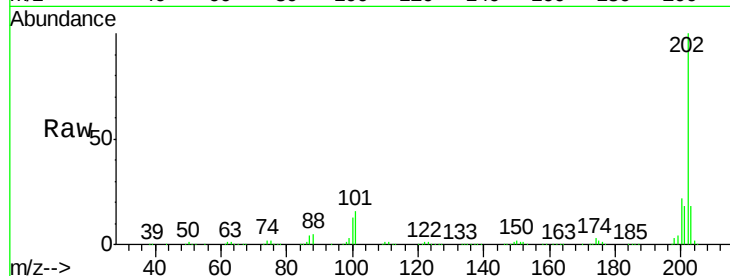




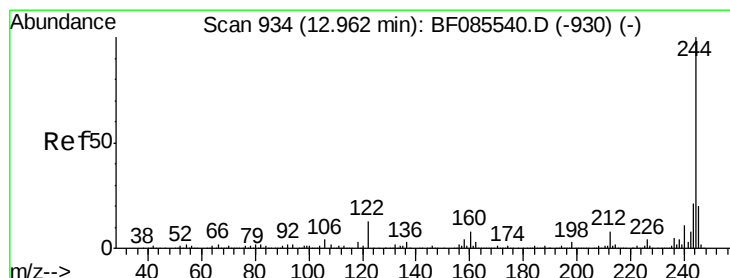
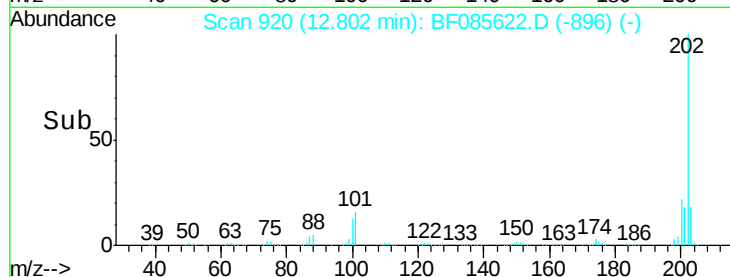
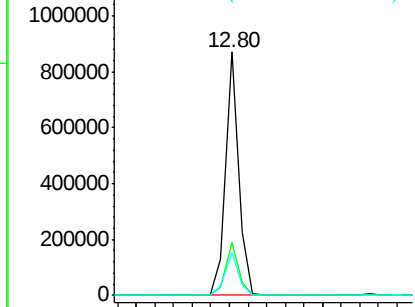
#77
Pyrene
 Concen: 35.77 ng
 RT: 12.80 min Scan# 920
 Delta R.T. -0.02 min
 Lab File: BF085622.D
 Acq: 21 Mar 2016 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB89047BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.6	26.4
203	17.8	14.0	21.0

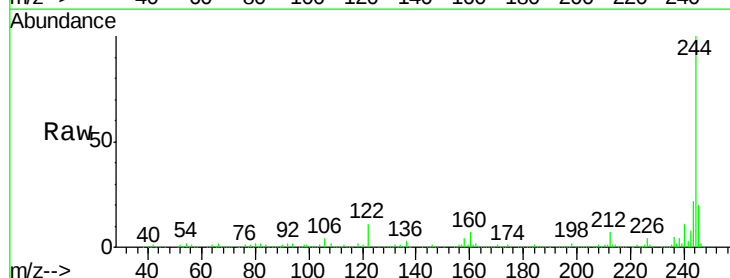


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

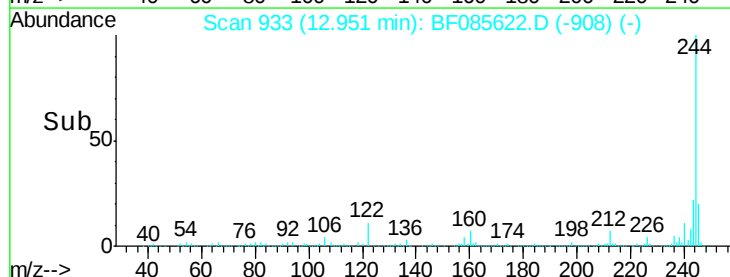
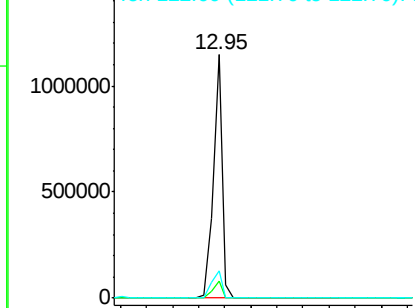


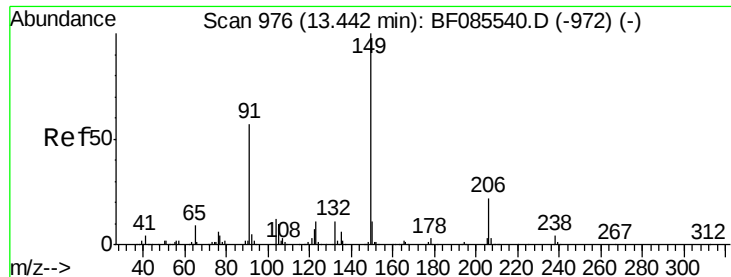
#78
Terphenyl-d14
 Concen: 80.28 ng
 RT: 12.95 min Scan# 933
 Delta R.T. -0.01 min
 Lab File: BF085622.D
 Acq: 21 Mar 2016 15:12

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	11.2	10.2	15.4



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

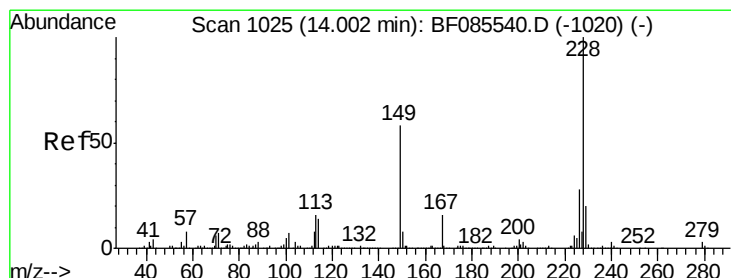
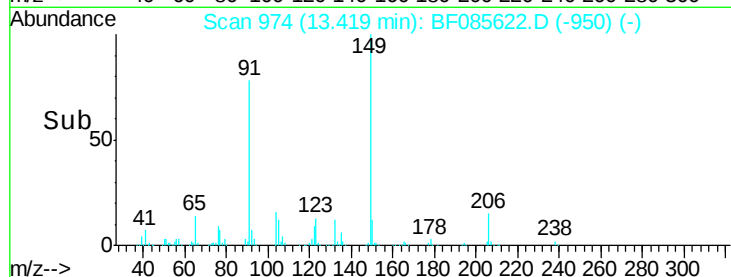
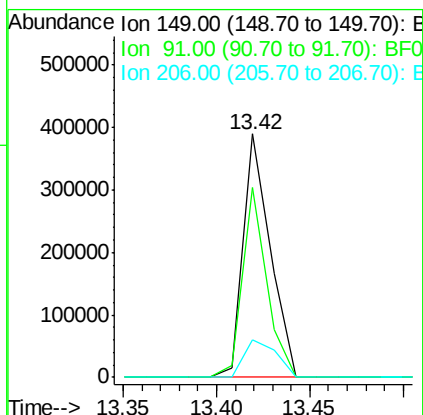
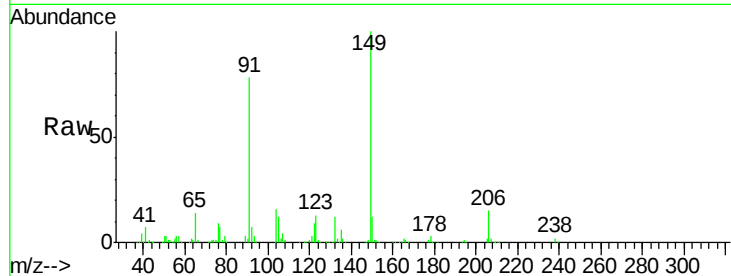




#79
Butylbenzylphthalate
Concen: 34.68 ng
RT: 13.42 min Scan# 974
Delta R.T. -0.02 min
Lab File: BF085622.D
Acq: 21 Mar 2016 15:12

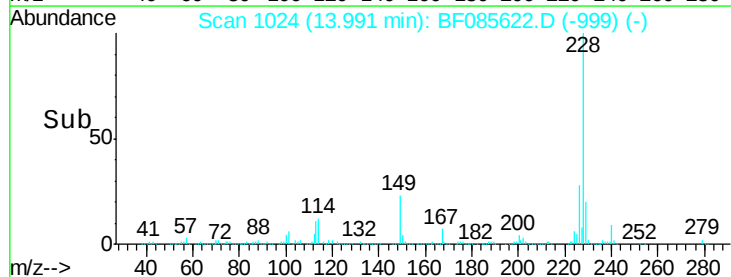
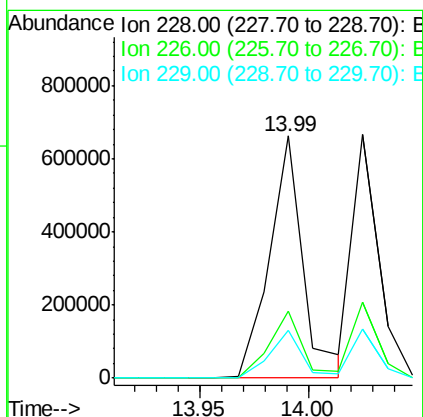
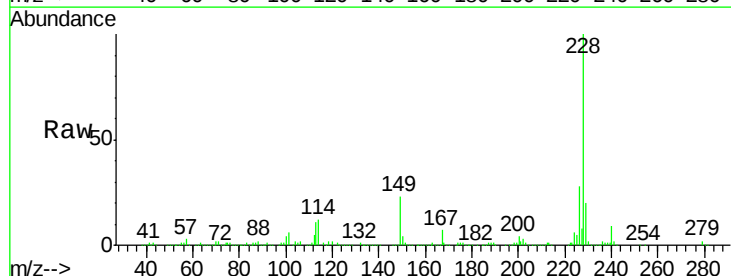
Instrument :
BNA_F
ClientSampleId :
PB89047BS

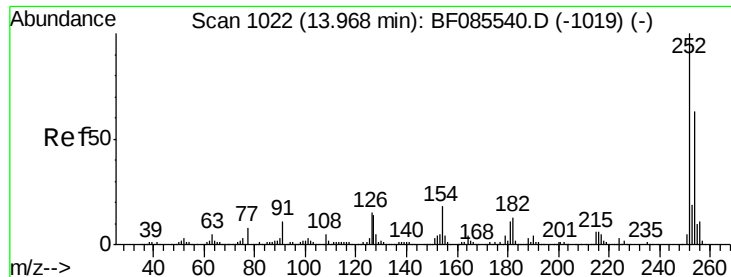
Tgt Ion	Ratio	Lower	Upper
149	100		
91	78.2	45.8	68.8#
206	15.4	17.8	26.8#



#80
Benzo(a)anthracene
Concen: 37.36 ng
RT: 13.99 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF085622.D
Acq: 21 Mar 2016 15:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.1	33.1
229	19.7	16.2	24.4

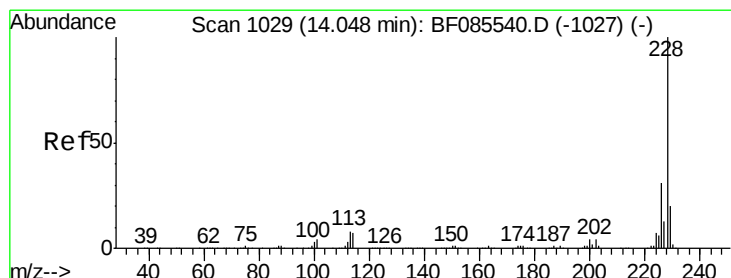
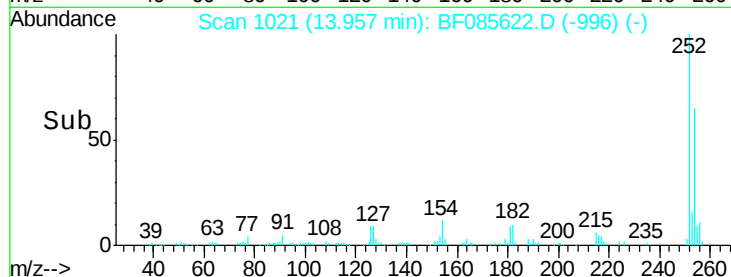
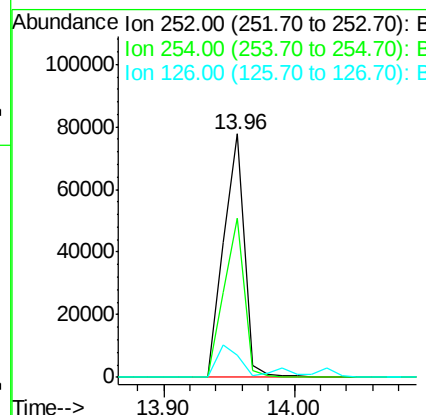
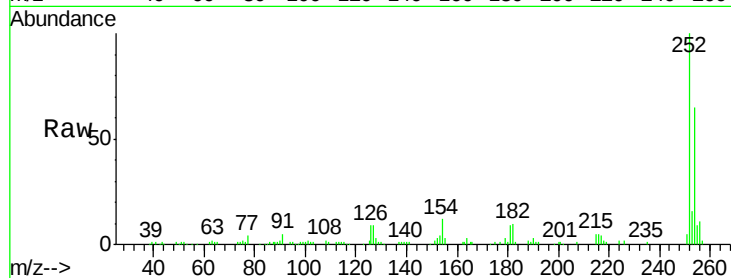




#81
 3,3'-Dichlorobenzidine
 Concen: 12.32 ng
 RT: 13.96 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF085622.D
 Acq: 21 Mar 2016 15:12

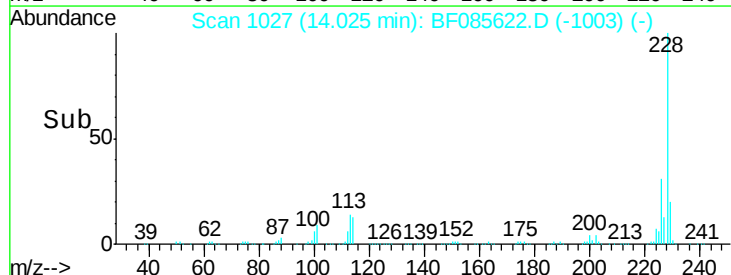
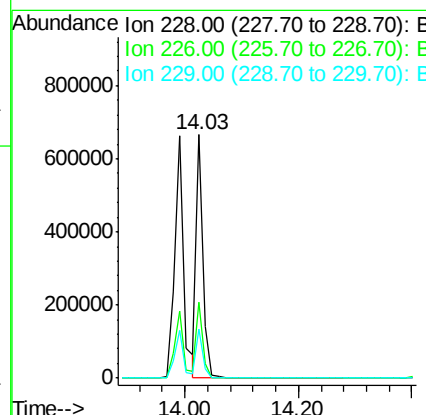
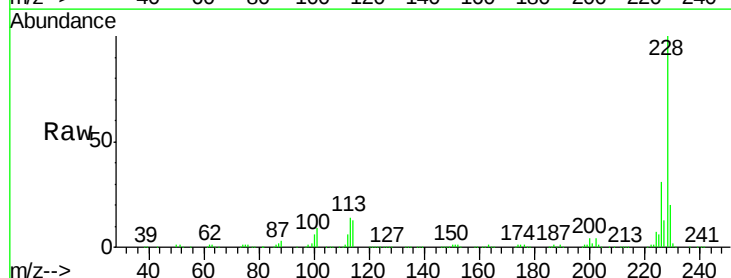
Instrument :
 BNA_F
 ClientSampleId :
 PB89047BS

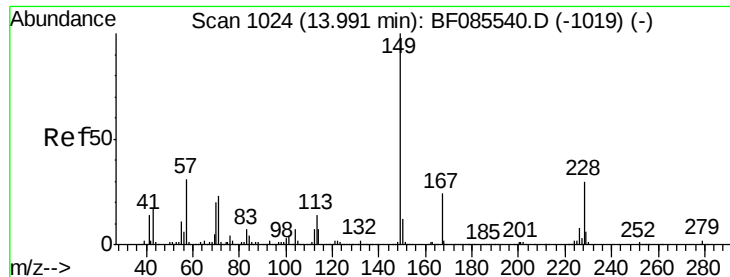
Tgt Ion:252 Resp: 86938
 Ion Ratio Lower Upper
 252 100
 254 65.1 50.7 76.1
 126 8.9 11.8 17.6#



#82
 Chrysene
 Concen: 30.83 ng
 RT: 14.03 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BF085622.D
 Acq: 21 Mar 2016 15:12

Tgt Ion:228 Resp: 571162
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.0 37.6
 229 20.0 15.7 23.5

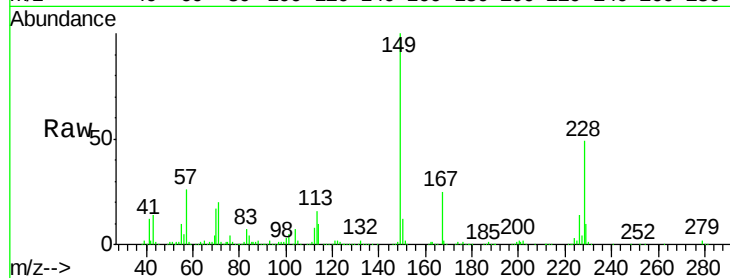




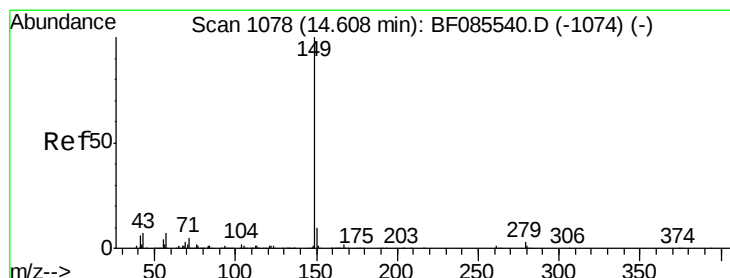
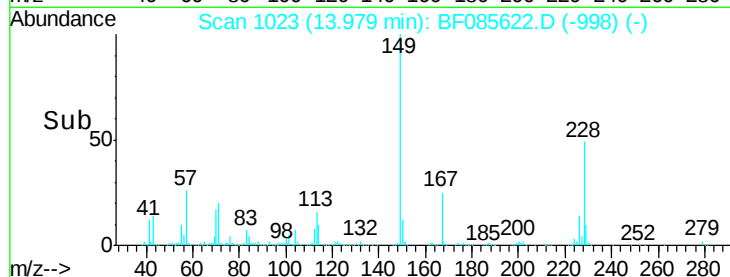
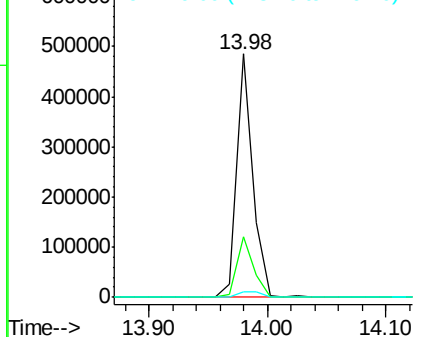
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 32.47 ng
 RT: 13.98 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BF085622.D
 Acq: 21 Mar 2016 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB89047BS

Tgt Ion:149 Resp: 457954
 Ion Ratio Lower Upper
 149 100
 167 24.8 19.4 29.2
 279 2.3 1.5 2.3

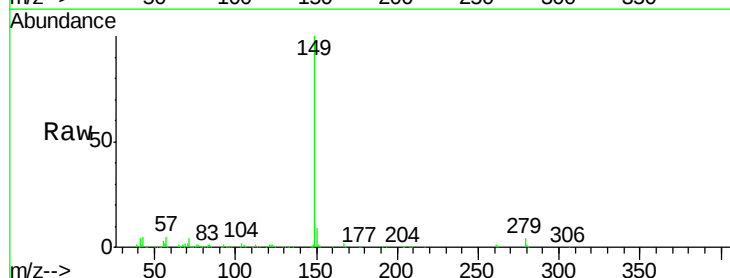


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

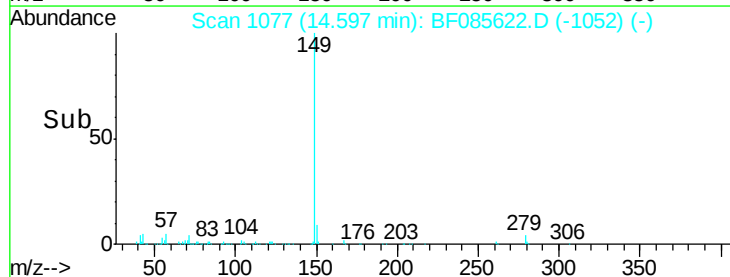
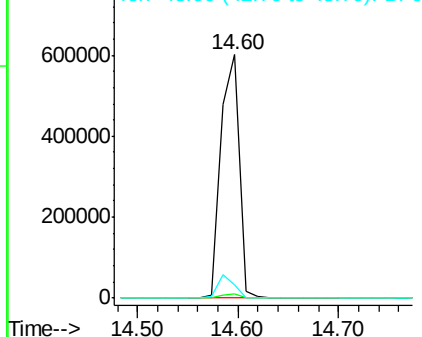


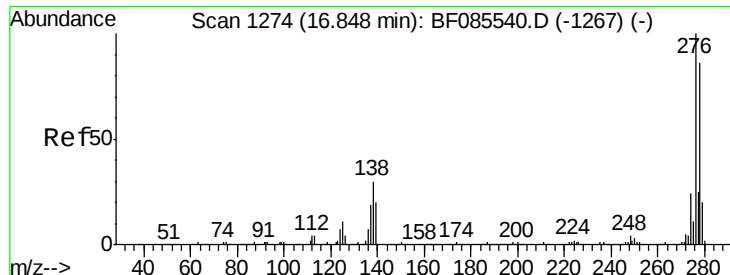
#84
 Di-n-octyl phthalate
 Concen: 33.12 ng
 RT: 14.60 min Scan# 1077
 Delta R.T. -0.01 min
 Lab File: BF085622.D
 Acq: 21 Mar 2016 15:12

Tgt Ion:149 Resp: 761230
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.3 7.1 10.7



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

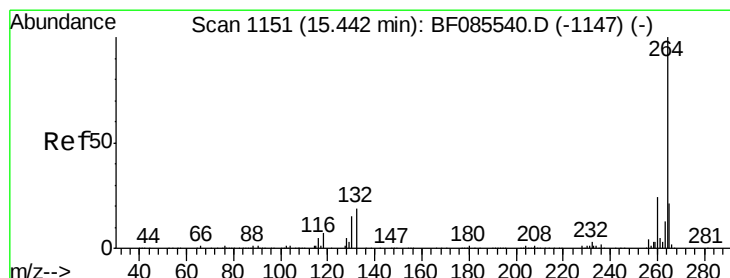
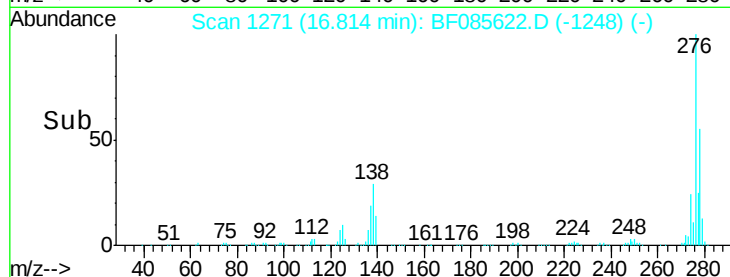
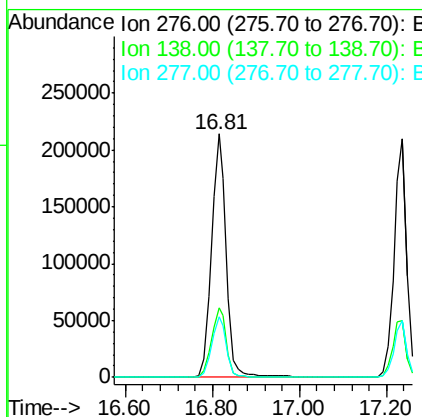
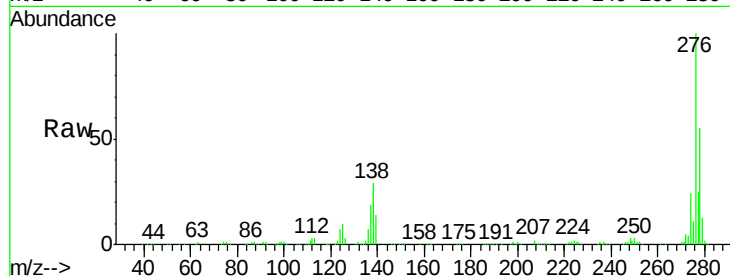




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.30 ng
 RT: 16.81 min Scan# 1271
 Delta R.T. -0.03 min
 Lab File: BF085622.D
 Acq: 21 Mar 2016 15:12

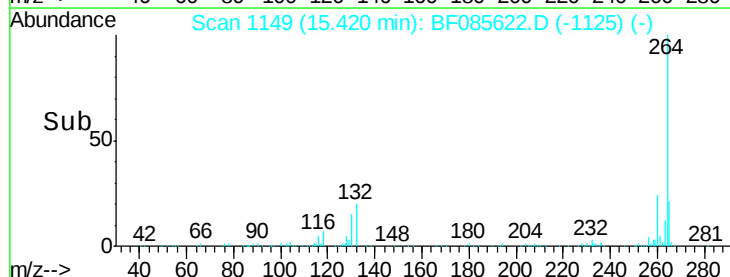
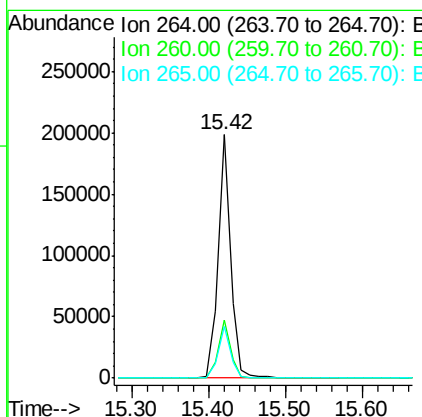
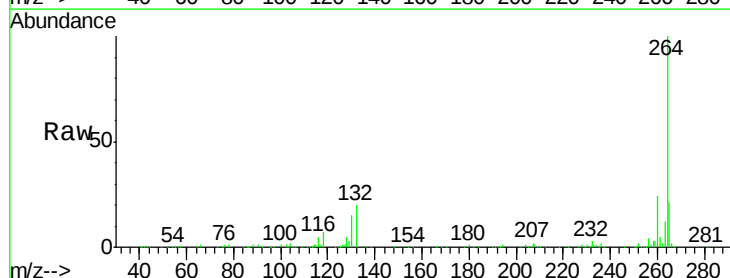
Instrument :
 BNA_F
 ClientSampleId :
 PB89047BS

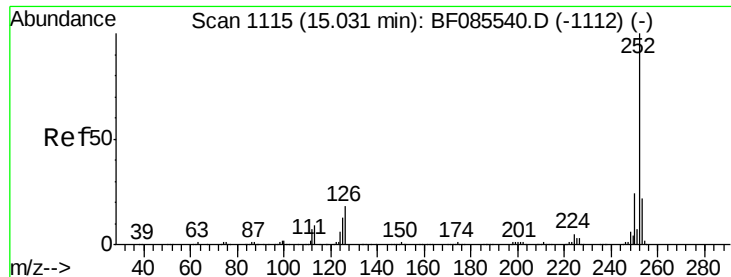
Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.3	24.2	36.4
277	24.9	20.0	30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.42 min Scan# 1149
 Delta R.T. -0.02 min
 Lab File: BF085622.D
 Acq: 21 Mar 2016 15:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.3	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 73.33 ng

RT: 15.04 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

Instrument :

BNA_F

ClientSampleId :

PB89047BS

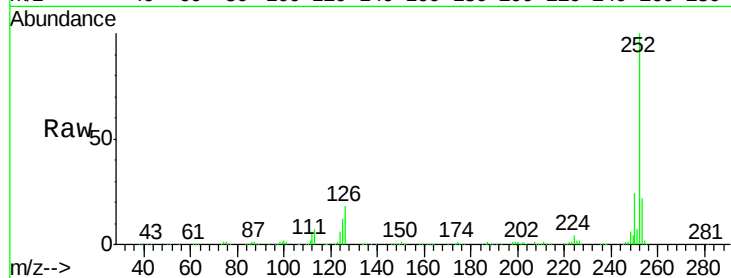
Tgt Ion:252 Resp: 1078145

Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

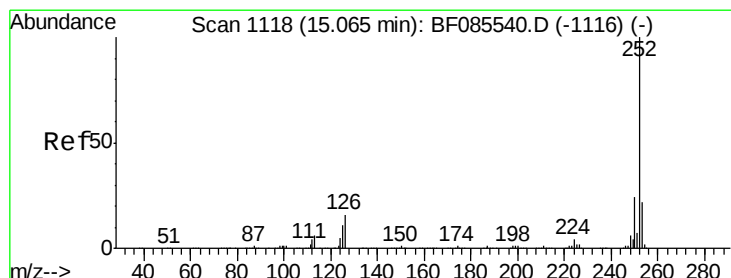
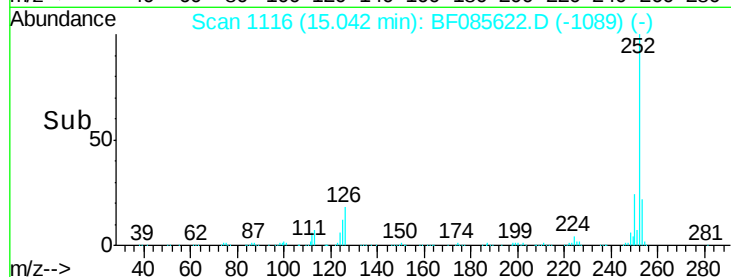
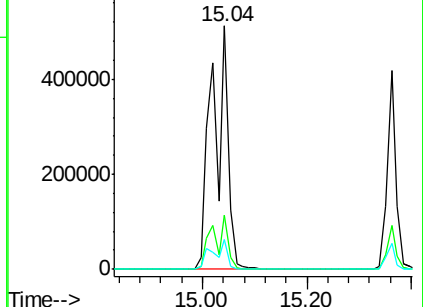
125 12.2 10.3 15.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 89.04 ng

RT: 15.04 min Scan# 1116

Delta R.T. -0.02 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

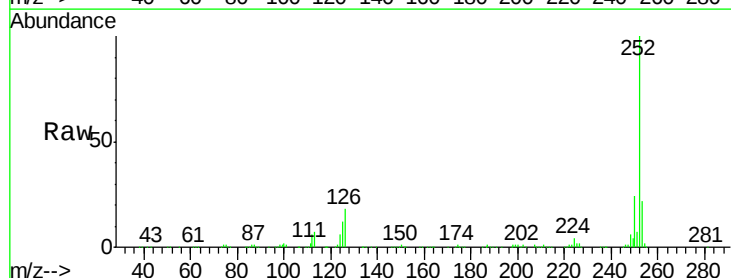
Tgt Ion:252 Resp: 1078637

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

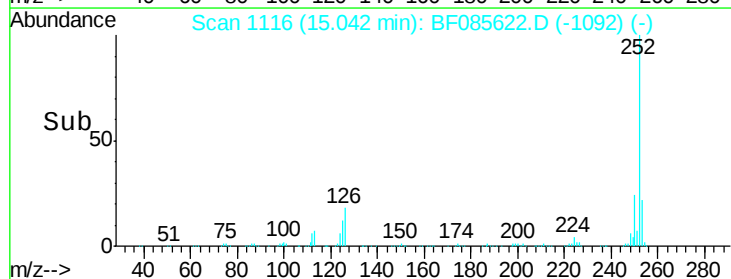
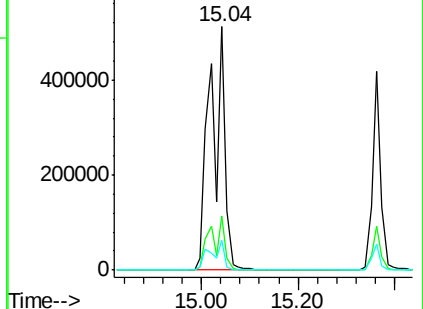
125 12.2 7.7 11.5#

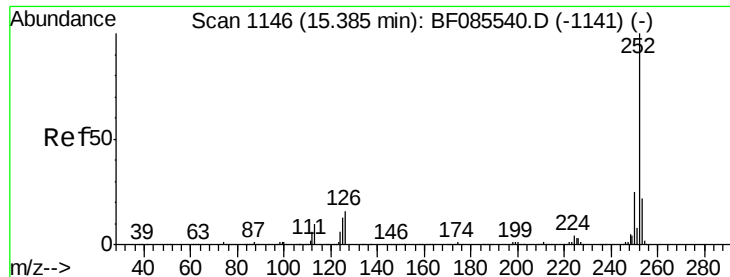


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.02 ng

RT: 15.36 min Scan# 1144

Delta R.T. -0.02 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

Instrument :

BNA_F

ClientSampleId :

PB89047BS

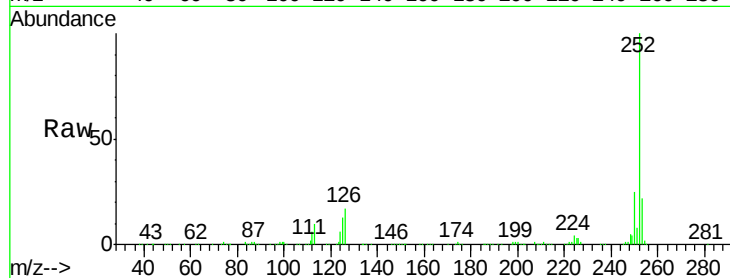
Tgt Ion:252 Resp: 498896

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

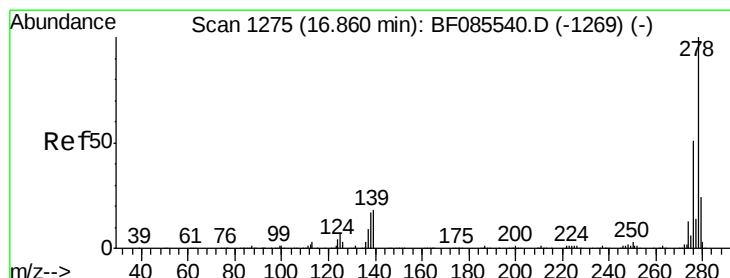
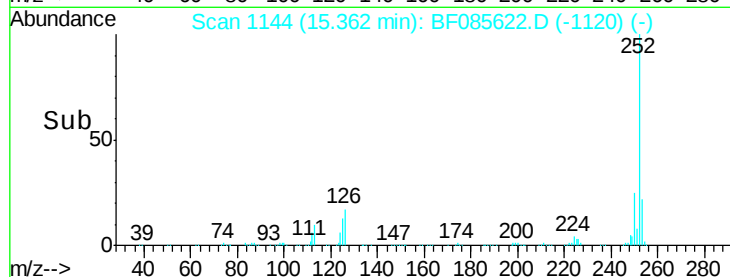
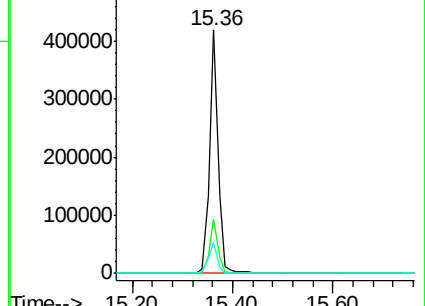
125 12.9 10.3 15.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.67 ng

RT: 16.83 min Scan# 1272

Delta R.T. -0.03 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

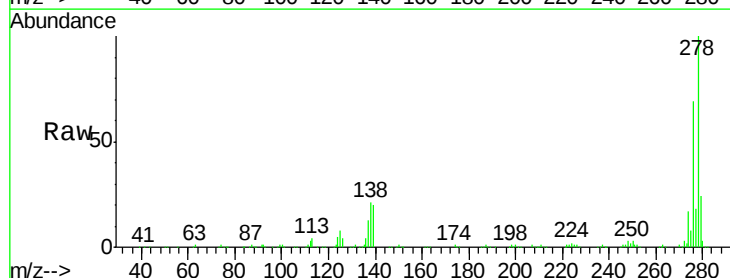
Tgt Ion:278 Resp: 433210

Ion Ratio Lower Upper

278 100

139 19.7 14.4 21.6

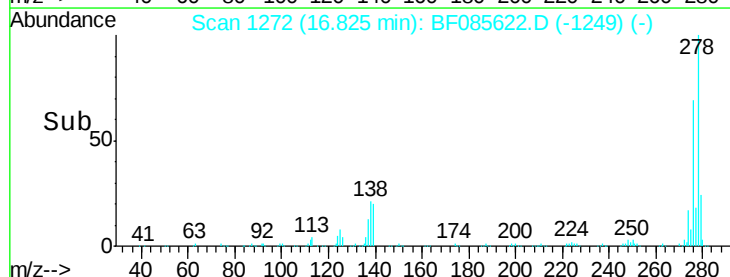
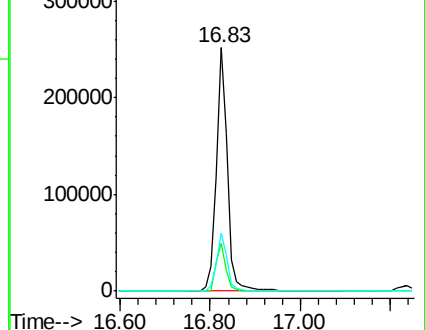
279 23.7 19.1 28.7

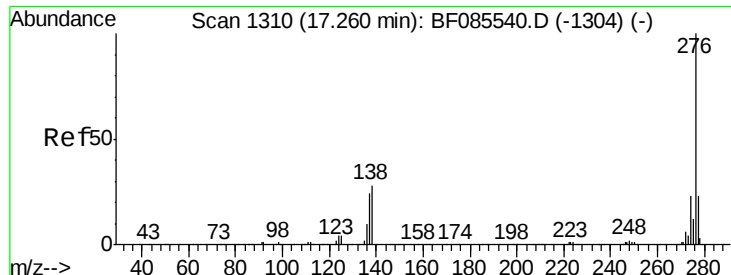


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 43.30 ng

RT: 17.24 min Scan# 1308

Delta R.T. -0.02 min

Lab File: BF085622.D

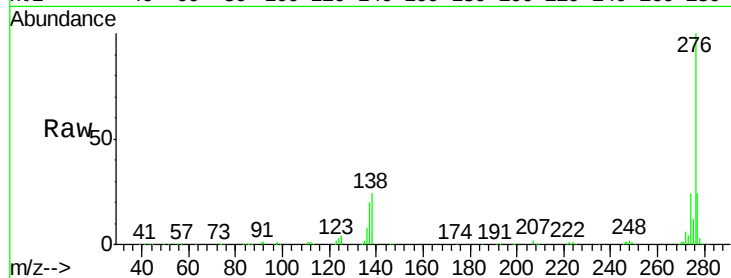
Acq: 21 Mar 2016 15:12

Instrument :

BNA_F

ClientSampleId :

PB89047BS



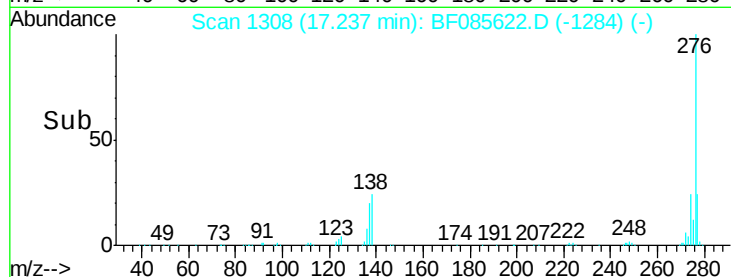
Tgt Ion: 276 Resp: 435723

Ion Ratio Lower Upper

276 100

277 23.9 18.8 28.2

138 24.1 22.6 34.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

