

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
 Data File : BF085306.D
 Acq On : 9 Mar 2016 18:41
 Operator : UM/SJ
 Sample : PB88789BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88789BS

Quant Time: Mar 09 23:50:23 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	188677	20.00	ng	-0.03
21) Naphthalene-d8	8.23	136	751692	20.00	ng	-0.03
38) Acenaphthene-d10	9.99	164	347777	20.00	ng	-0.03
63) Phenanthrene-d10	11.48	188	698129	20.00	ng	-0.03
75) Chrysene-d12	14.12	240	477579	20.00	ng	-0.03
86) Perylene-d12	15.58	264	318633	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	1259596	111.98	ng	-0.01
7) Phenol-d6	6.58	99	1605134	108.92	ng	-0.02
23) Nitrobenzene-d5	7.51	82	957391	68.16	ng	-0.03
41) 2,4,6-Tribromophenol	10.79	330	375358	126.14	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	1709519	74.76	ng	-0.03
78) Terphenyl-d14	13.07	244	1641953	79.81	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	169972	29.55	ng	97
3) Pyridine	3.48	79	430788	29.92	ng	95
4) n-Nitrosodimethylamine	3.42	42	201875	32.76	ng	89
6) Aniline	6.61	93	432545	20.94	ng	97
8) 2-Chlorophenol	6.73	128	486955	35.96	ng	99
9) Benzaldehyde	6.49	77	124365	14.52	ng	93
10) Phenol	6.60	94	589730	37.36	ng	92
11) bis(2-Chloroethyl)ether	6.69	93	464101	35.40	ng	93
12) 1,3-Dichlorobenzene	6.89	146	490736	33.75	ng	97
13) 1,4-Dichlorobenzene	6.96	146	475239	32.62	ng	97
14) 1,2-Dichlorobenzene	7.12	146	491767	37.20	ng	97
15) Benzyl Alcohol	7.09	79	410708	37.97	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.22	45	564135	29.85	ng	98
17) 2-Methylphenol	7.20	107	421556	38.15	ng	99
18) Hexachloroethane	7.46	117	186913	34.77	ng	93
19) n-Nitroso-di-n-propylamine	7.36	70	315107	32.81	ng	# 92
20) 3+4-Methylphenols	7.35	107	457463	34.95	ng	92
22) Acetophenone	7.36	105	628258	34.24	ng	# 94
24) Nitrobenzene	7.53	77	549569	38.51	ng	# 89
25) Isophorone	7.77	82	948566	36.44	ng	96
26) 2-Nitrophenol	7.84	139	251854	36.27	ng	# 67
27) 2,4-Dimethylphenol	7.89	122	497002	39.16	ng	100
28) bis(2-Chloroethoxy)methane	7.98	93	573530	39.56	ng	99
29) 2,4-Dichlorophenol	8.09	162	401204	39.20	ng	100
30) 1,2,4-Trichlorobenzene	8.17	180	404672	36.57	ng	99
31) Naphthalene	8.25	128	1274707	34.49	ng	99
32) Benzoic acid	7.96	122	69425	8.24	ng	99
33) 4-Chloroaniline	8.30	127	235534	15.75	ng	95
34) Hexachlorobutadiene	8.37	225	202363	35.15	ng	96
35) Caprolactam	8.68	113	88515	26.48	ng	90
36) 4-Chloro-3-methylphenol	8.78	107	440687	37.95	ng	97
37) 2-Methylnaphthalene	8.95	142	919982	38.79	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	334495	33.63	ng	99
40) Hexachlorocyclopentadiene	9.10	237	377685	70.41	ng	99

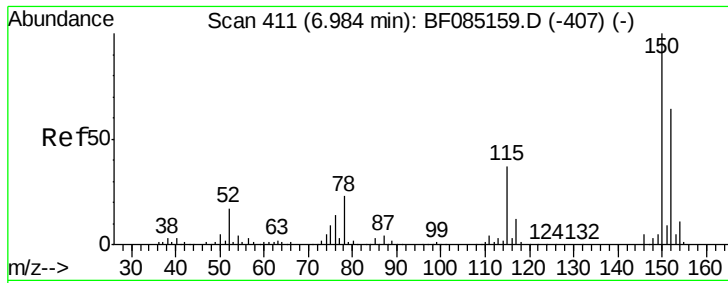
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
 Data File : BF085306.D
 Acq On : 9 Mar 2016 18:41
 Operator : UM/SJ
 Sample : PB88789BS
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Quant Time: Mar 09 23:50:23 2016
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	285731	38.59	ng	96
43) 2,4,5-Trichlorophenol	9.27	196	278771	39.71	ng	# 92
45) 1,1'-Biphenyl	9.41	154	960798	32.34	ng	99
46) 2-Chloronaphthalene	9.44	162	808941	35.72	ng	99
47) 2-Nitroaniline	9.53	65	279724	39.86	ng	# 77
48) Acenaphthylene	9.85	152	1266933	35.94	ng	98
49) Dimethylphthalate	9.72	163	985367	36.91	ng	100
50) 2,6-Dinitrotoluene	9.77	165	205624	36.01	ng	93
51) Acenaphthene	10.02	154	725656	33.90	ng	98
52) 3-Nitroaniline	9.94	138	184535	27.01	ng	99
53) 2,4-Dinitrophenol	10.05	184	48780	23.17	ng	# 38
54) Dibenzofuran	10.20	168	1047407	37.35	ng	100
55) 4-Nitrophenol	10.10	139	326665	60.84	ng	# 82
56) 2,4-Dinitrotoluene	10.17	165	286407	39.19	ng	90
57) Fluorene	10.54	166	785517	35.66	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.31	232	185968	37.71	ng	97
59) Diethylphthalate	10.41	149	907118	35.02	ng	96
60) 4-Chlorophenyl-phenylether	10.53	204	381540	35.60	ng	93
61) 4-Nitroaniline	10.56	138	264727	41.43	ng	92
62) Azobenzene	10.69	77	971319	38.06	ng	97
64) 4,6-Dinitro-2-methylphenol	10.58	198	65285	15.62	ng	78
65) n-Nitrosodiphenylamine	10.65	169	792413	36.49	ng	100
66) 4-Bromophenyl-phenylether	11.02	248	244613	36.08	ng	# 84
67) Hexachlorobenzene	11.09	284	260425	36.01	ng	# 81
68) Atrazine	11.18	200	269726	44.67	ng	98
69) Pentachlorophenol	11.28	266	212568	52.95	ng	98
70) Phenanthrene	11.50	178	1331943	36.41	ng	99
71) Anthracene	11.56	178	1399482	36.03	ng	99
72) Carbazole	11.70	167	1189306	34.92	ng	99
73) Di-n-butylphthalate	12.04	149	1434236	33.32	ng	99
74) Fluoranthene	12.69	202	1295571	35.29	ng	96
76) Benzidine	12.81	184	490998	34.54	ng	97
77) Pyrene	12.92	202	1356113	37.73	ng	100
79) Butylbenzylphthalate	13.53	149	596891	36.60	ng	92
80) Benzo(a)anthracene	14.11	228	1009421	35.31	ng	98
81) 3,3'-Dichlorobenzidine	14.07	252	154599	17.14	ng	# 96
82) Chrysene	14.15	228	920241	34.84	ng	98
83) Bis(2-ethylhexyl)phthalate	14.09	149	703215	32.76	ng	# 98
84) Di-n-octyl phthalate	14.70	149	1087690	33.27	ng	96
85) Indeno(1,2,3-cd)pyrene	17.04	276	649111	31.49	ng	97
87) Benzo(b)fluoranthene	15.16	252	840343	39.57	ng	# 94
88) Benzo(k)fluoranthene	15.16	252	840343	49.05	ng	# 95
89) Benzo(a)pyrene	15.52	252	680108	38.64	ng	99
90) Dibenzo(a,h)anthracene	17.07	278	544623	36.25	ng	96
91) Benzo(g,h,i)perylene	17.49	276	548955	36.34	ng	98

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

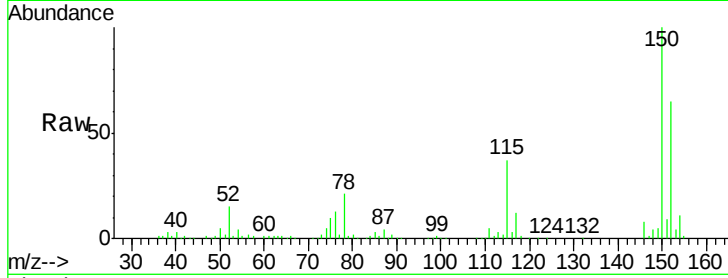


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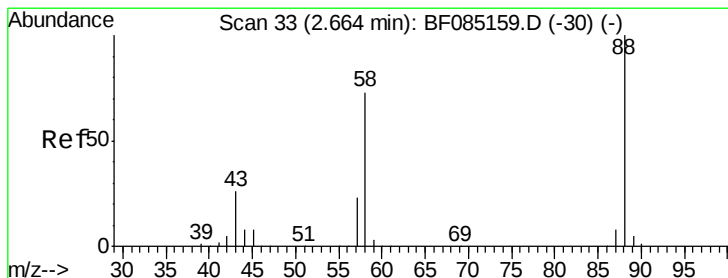
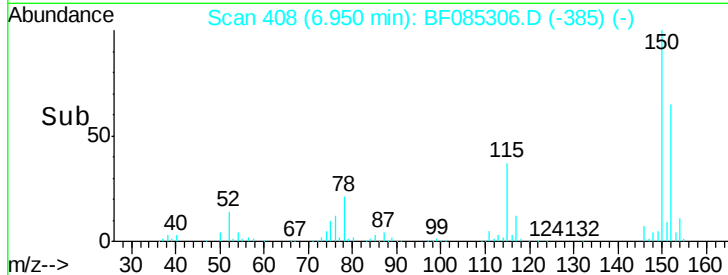
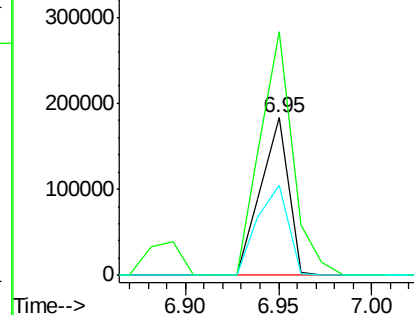
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 408
Delta R.T. -0.03 min
Lab File: BF085306.D
Acq: 9 Mar 2016 18:41

Instrument :
BNA_F
ClientSampleId :
PB88789BS

Tgt Ion:152 Resp: 188677
Ion Ratio Lower Upper
152 100
150 154.8 124.6 186.8
115 56.8 46.6 70.0



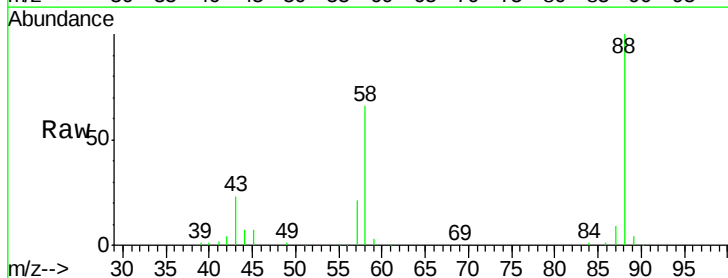
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



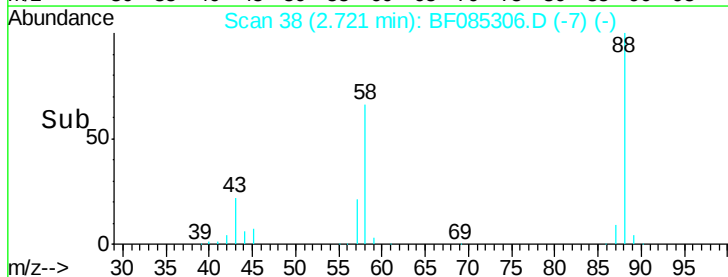
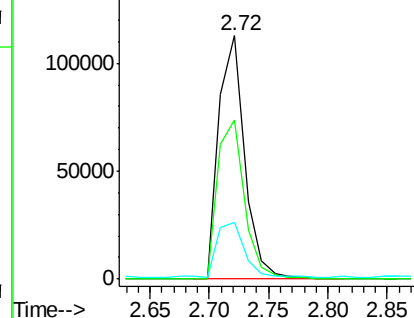
#2

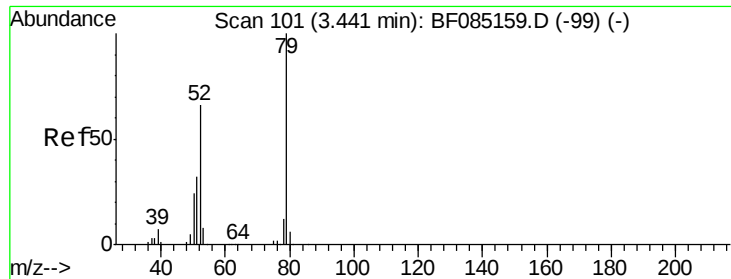
1,4-Dioxane
Concen: 29.55 ng
RT: 2.72 min Scan# 38
Delta R.T. 0.06 min
Lab File: BF085306.D
Acq: 9 Mar 2016 18:41

Tgt Ion: 88 Resp: 169972
Ion Ratio Lower Upper
88 100
58 68.6 57.0 85.6
43 23.8 20.5 30.7



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

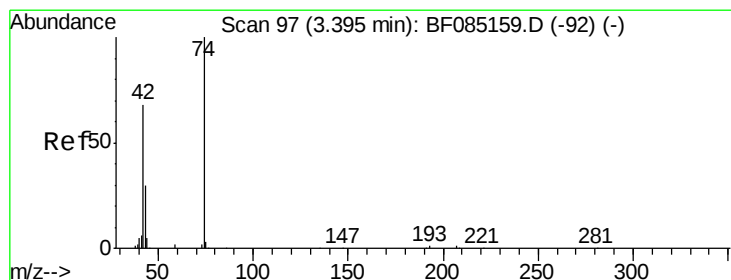
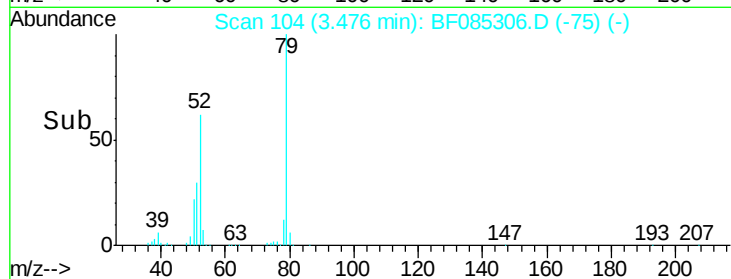
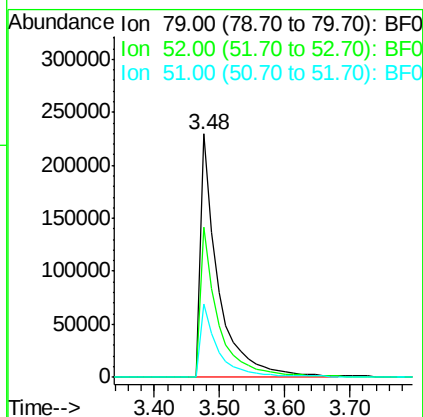
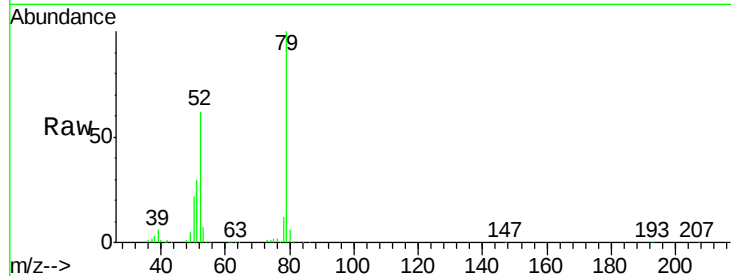




#3
 Pyridine
 Concen: 29.92 ng
 RT: 3.48 min Scan# 104
 Delta R.T. 0.03 min
 Lab File: BF085306.D
 Acq: 9 Mar 2016 18:41

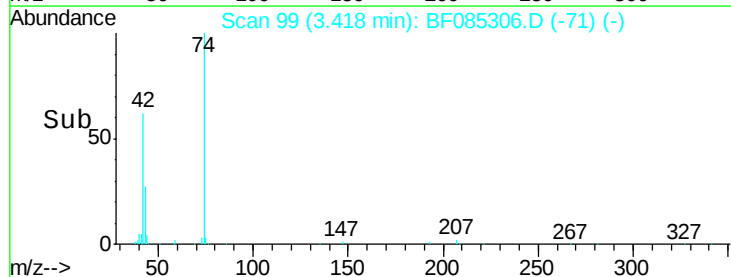
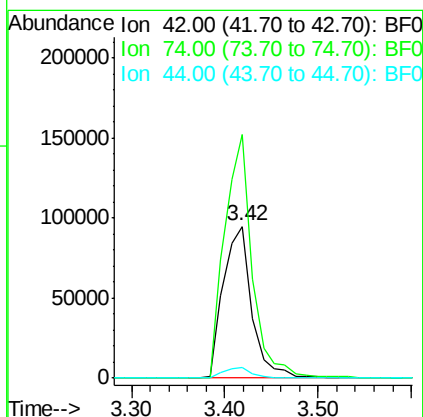
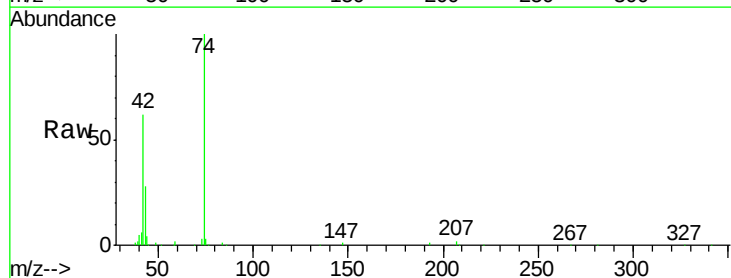
Instrument :
 BNA_F
 ClientSampleId :
 PB88789BS

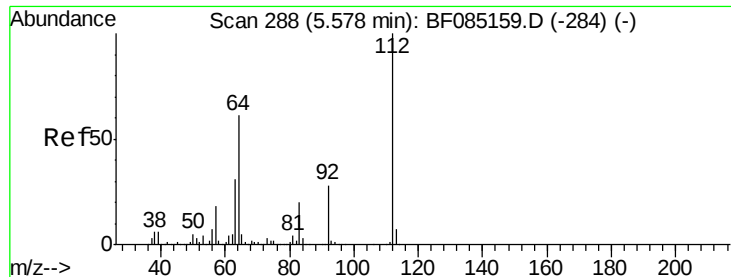
Tgt Ion: 79 Resp: 430788
 Ion Ratio Lower Upper
 79 100
 52 61.7 52.6 79.0
 51 30.0 25.8 38.8



#4
 n-Nitrosodimethylamine
 Concen: 32.76 ng
 RT: 3.42 min Scan# 99
 Delta R.T. 0.02 min
 Lab File: BF085306.D
 Acq: 9 Mar 2016 18:41

Tgt Ion: 42 Resp: 201875
 Ion Ratio Lower Upper
 42 100
 74 160.3 116.8 175.2
 44 7.1 5.5 8.3





#5

2-Fluorophenol

Concen: 111.98 ng

RT: 5.57 min Scan# 287

Delta R.T. -0.01 min

Lab File: BF085306.D

Acq: 9 Mar 2016 18:41

Instrument :

BNA_F

ClientSampleId :

PB88789BS

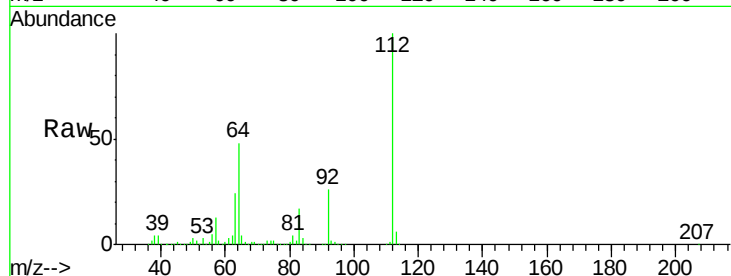
Tgt Ion:112 Resp: 1259596

Ion Ratio Lower Upper

112 100

64 48.0 49.0 73.4#

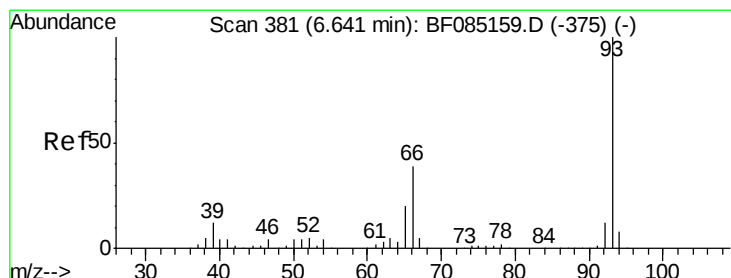
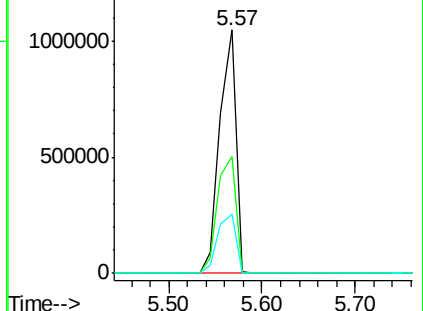
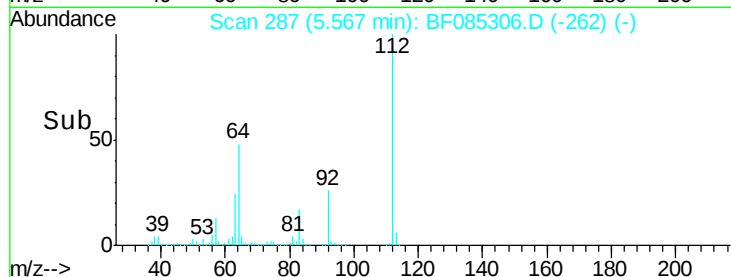
63 24.2 24.8 37.2#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 20.94 ng

RT: 6.61 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF085306.D

Acq: 9 Mar 2016 18:41

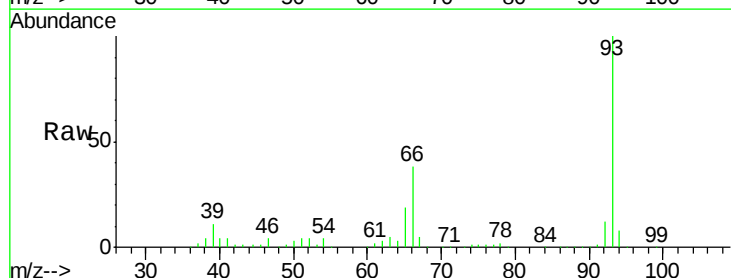
Tgt Ion: 93 Resp: 432545

Ion Ratio Lower Upper

93 100

66 37.5 31.6 47.4

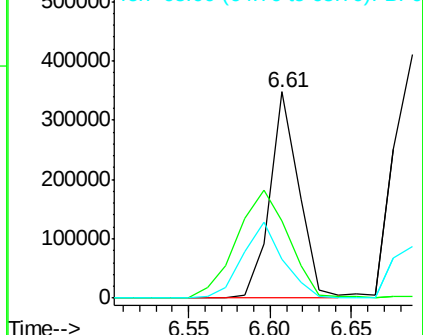
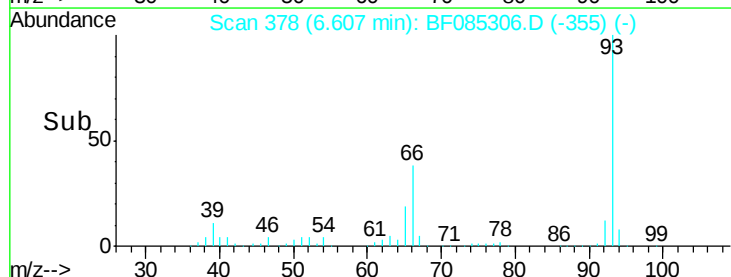
65 18.8 15.8 23.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 108.92 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF085306.D

Acq: 9 Mar 2016 18:41

Instrument :

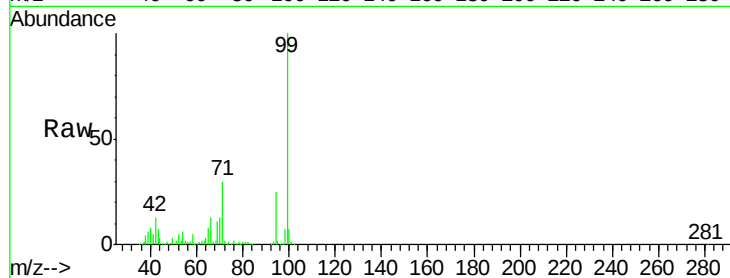
BNA_F

ClientSampled :

PB88789BS

Tgt Ion: 99 Resp: 1605134

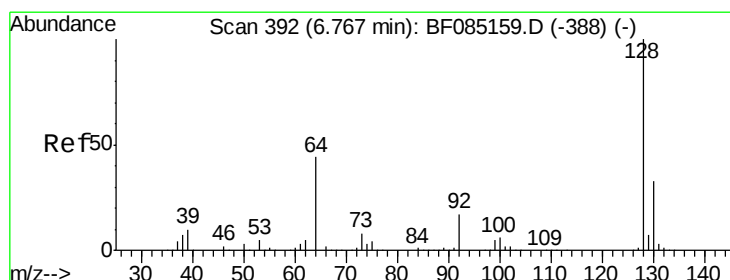
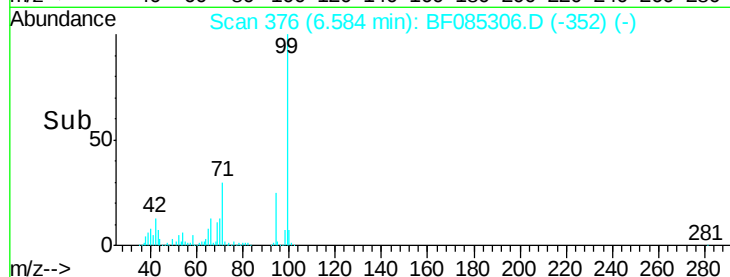
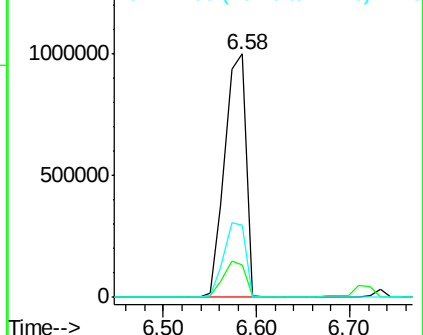
Ion	Ratio	Lower	Upper
99	100		
42	13.2	13.6	20.4#
71	29.9	26.7	40.1



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 35.96 ng

RT: 6.73 min Scan# 389

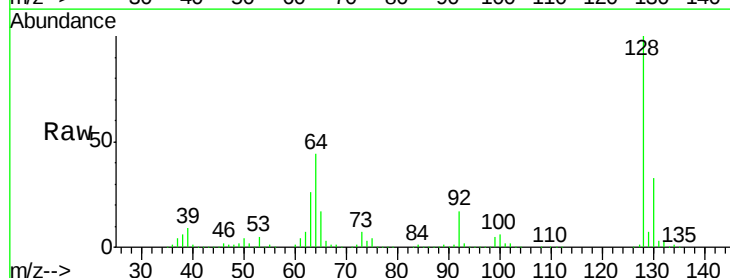
Delta R.T. -0.03 min

Lab File: BF085306.D

Acq: 9 Mar 2016 18:41

Tgt Ion: 128 Resp: 486955

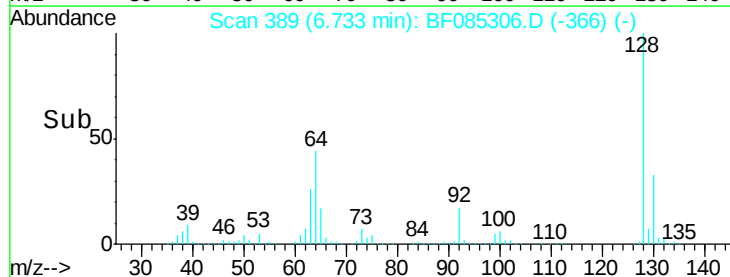
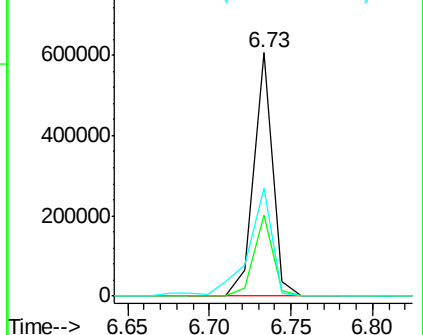
Ion	Ratio	Lower	Upper
128	100		
130	33.2	13.3	53.3
64	44.2	25.7	65.7

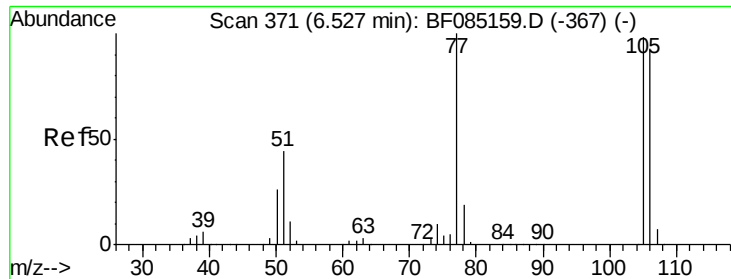


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 14.52 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.03 min

Lab File: BF085306.D

Acq: 9 Mar 2016 18:41

Instrument :

BNA_F

ClientSampleId :

PB88789BS

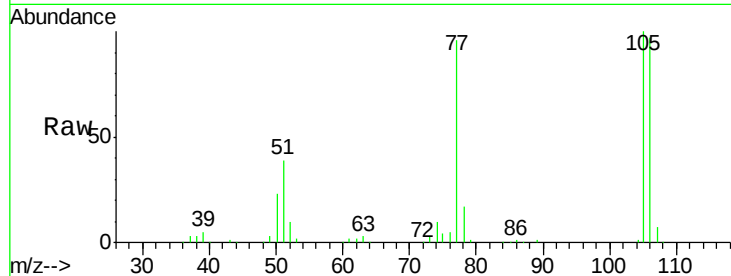
Tgt Ion: 77 Resp: 124365

Ion Ratio Lower Upper

77 100

105 104.2 78.2 118.2

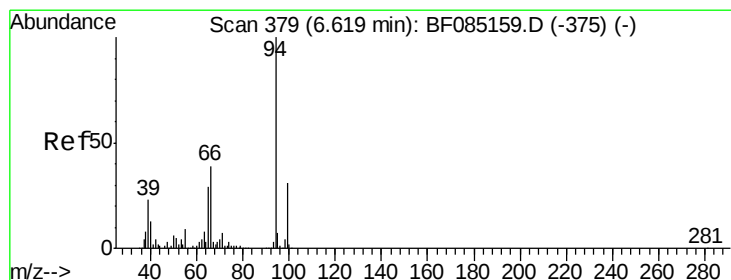
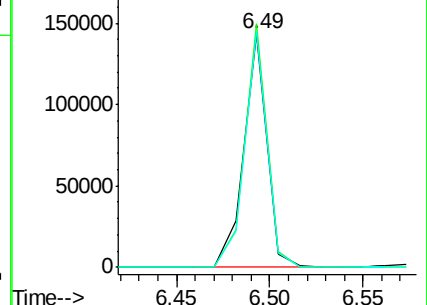
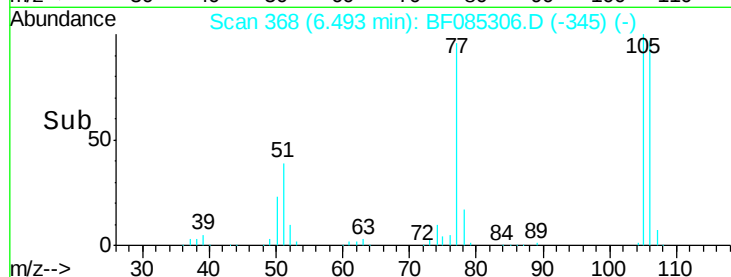
106 100.7 72.9 112.9



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 37.36 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF085306.D

Acq: 9 Mar 2016 18:41

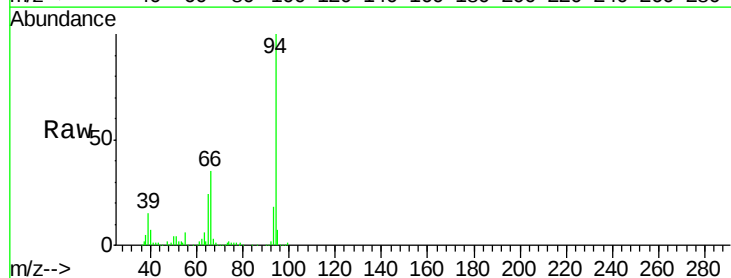
Tgt Ion: 94 Resp: 589730

Ion Ratio Lower Upper

94 100

65 24.2 9.1 49.1

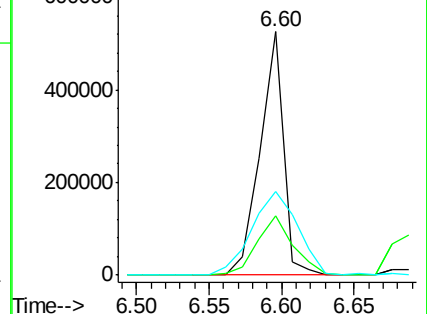
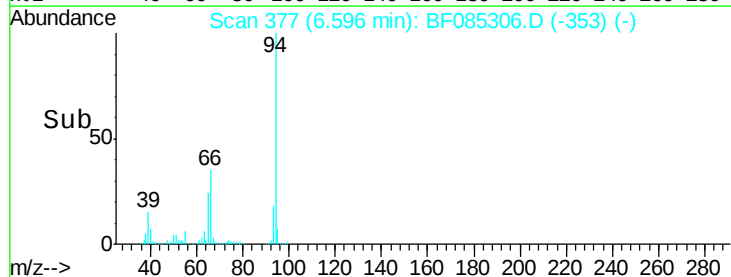
66 34.6 19.3 59.3

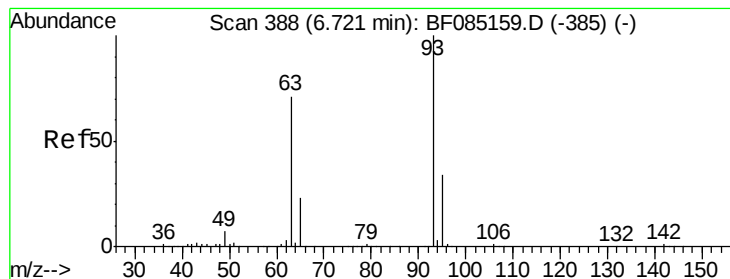


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 35.40 ng

RT: 6.69 min Scan# 385

Delta R.T. -0.03 min

Lab File: BF085306.D

Acq: 9 Mar 2016 18:41

Instrument :

BNA_F

ClientSampled :

PB88789BS

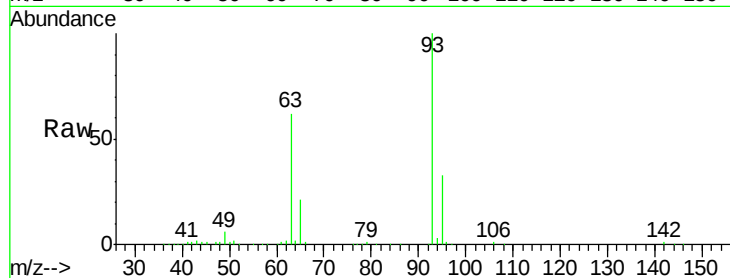
Tgt Ion: 93 Resp: 464101

Ion Ratio Lower Upper

93 100

63 62.4 50.9 90.9

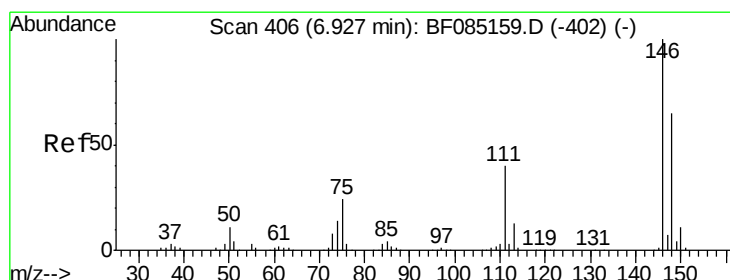
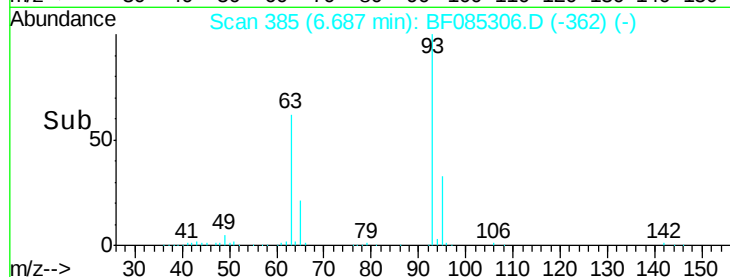
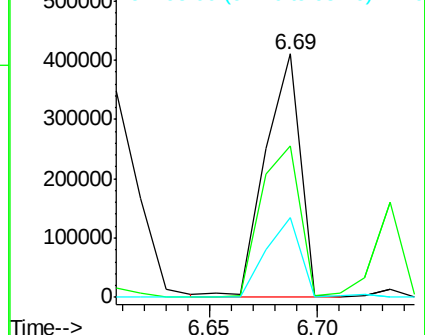
95 33.0 13.7 53.7



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 33.75 ng

RT: 6.89 min Scan# 403

Delta R.T. -0.03 min

Lab File: BF085306.D

Acq: 9 Mar 2016 18:41

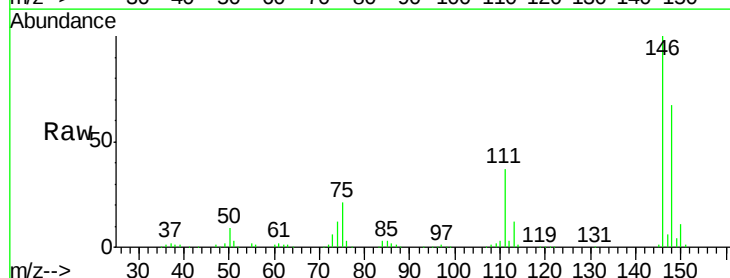
Tgt Ion: 146 Resp: 490736

Ion Ratio Lower Upper

146 100

148 66.6 52.1 78.1

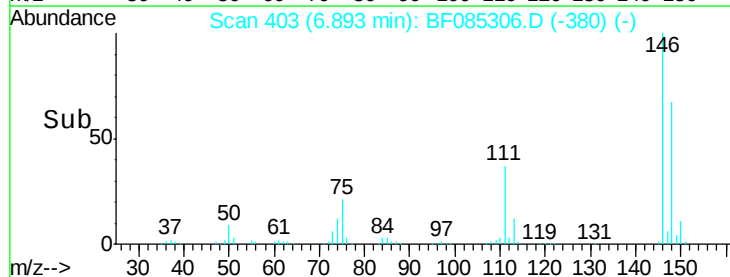
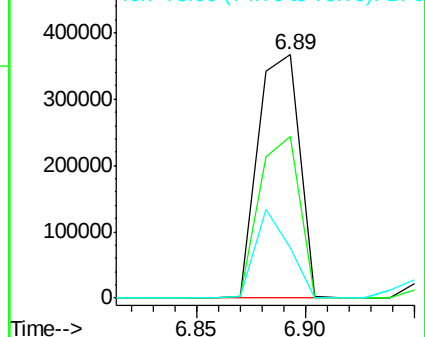
75 20.7 19.5 29.3

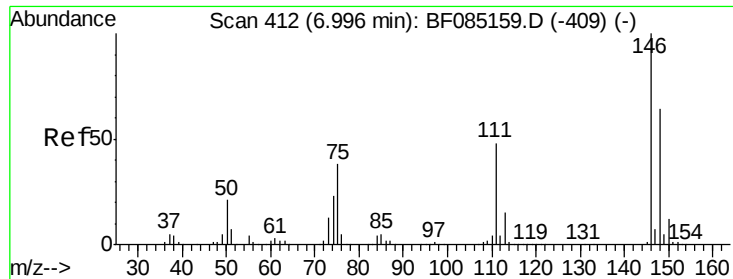


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

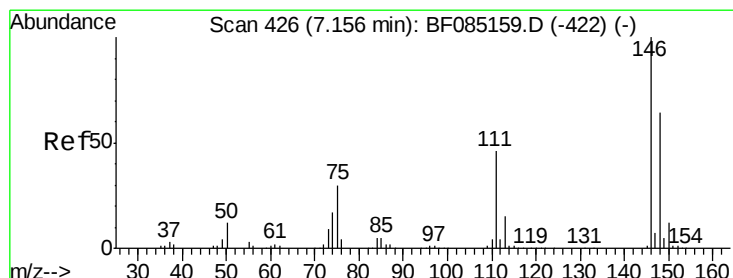
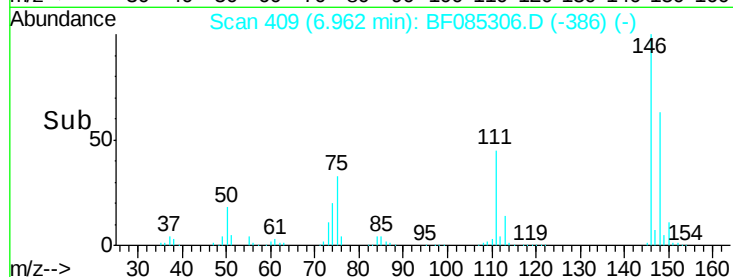
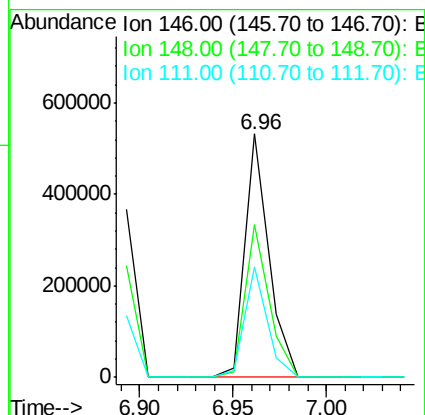
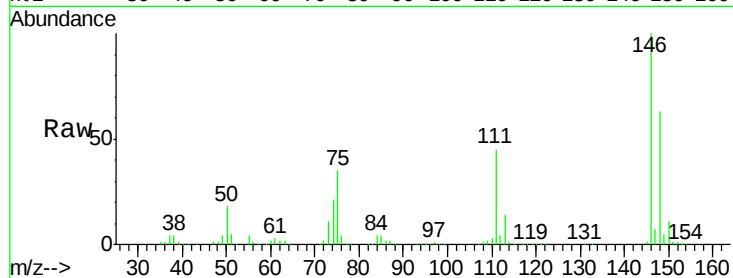




#13
 1,4-Dichlorobenzene
 Concen: 32.62 ng
 RT: 6.96 min Scan# 409
 Delta R.T. -0.03 min
 Lab File: BF085306.D
 Acq: 9 Mar 2016 18:41

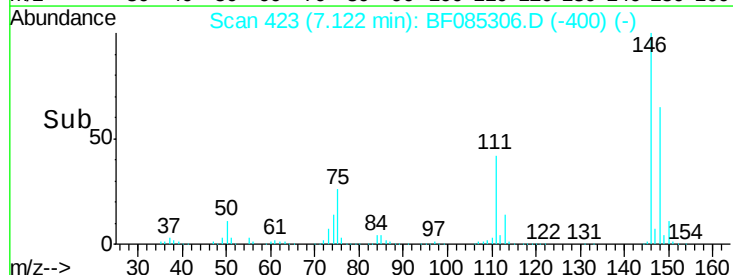
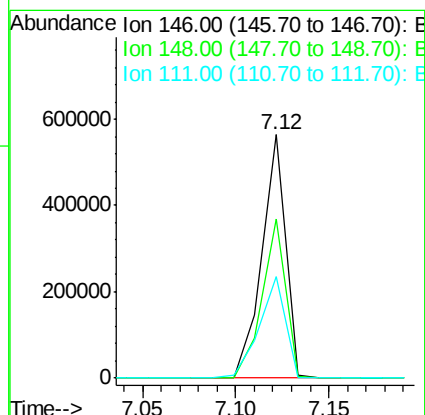
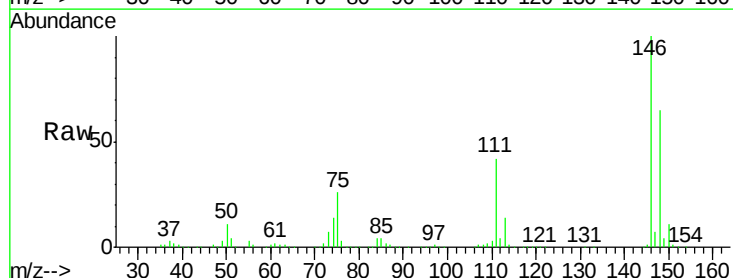
Instrument :
 BNA_F
 ClientSampleId :
 PB88789BS

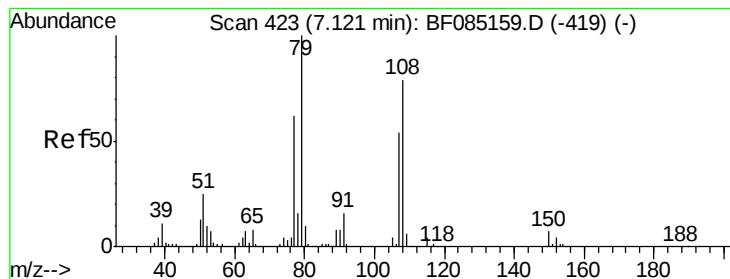
Tgt Ion:146 Resp: 475239
 Ion Ratio Lower Upper
 146 100
 148 62.7 51.3 76.9
 111 45.5 38.4 57.6



#14
 1,2-Dichlorobenzene
 Concen: 37.20 ng
 RT: 7.12 min Scan# 423
 Delta R.T. -0.03 min
 Lab File: BF085306.D
 Acq: 9 Mar 2016 18:41

Tgt Ion:146 Resp: 491767
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.4 77.2
 111 41.6 36.7 55.1





#15

Benzyl Alcohol

Concen: 37.97 ng

RT: 7.09 min Scan# 420

Delta R.T. -0.03 min

Lab File: BF085306.D

Acq: 9 Mar 2016 18:41

Instrument :

BNA_F

ClientSampleId :

PB88789BS

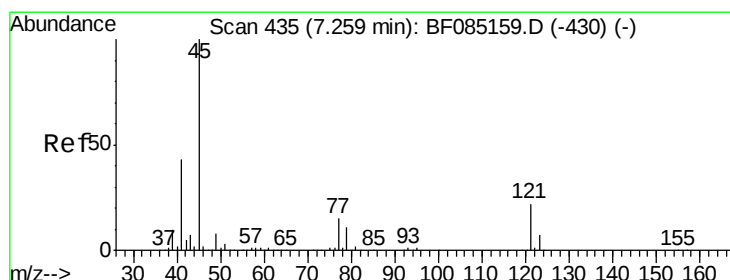
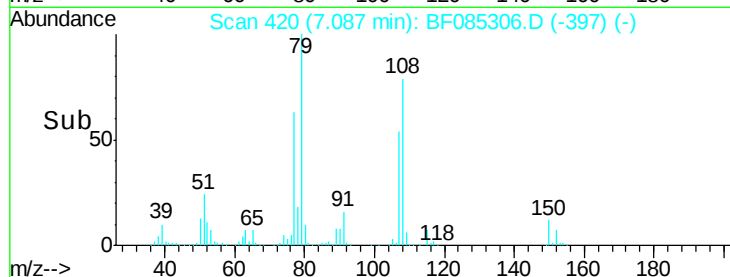
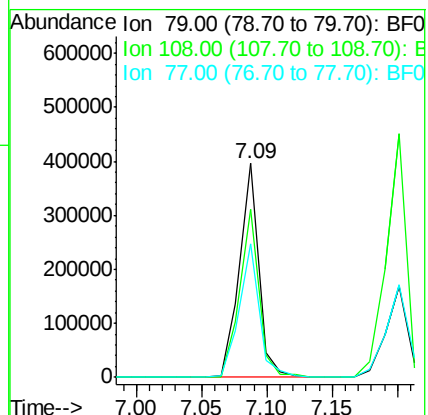
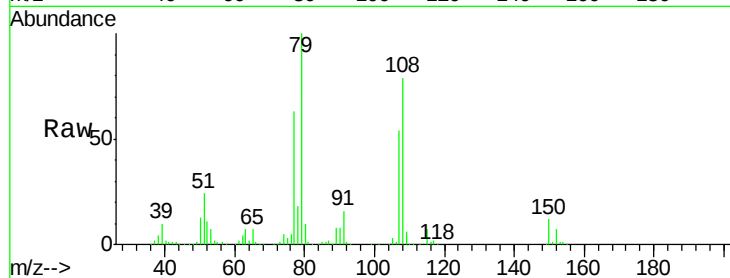
Tgt Ion: 79 Resp: 410708

Ion Ratio Lower Upper

79 100

108 78.9 62.9 94.3

77 62.6 49.5 74.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.85 ng

RT: 7.22 min Scan# 432

Delta R.T. -0.03 min

Lab File: BF085306.D

Acq: 9 Mar 2016 18:41

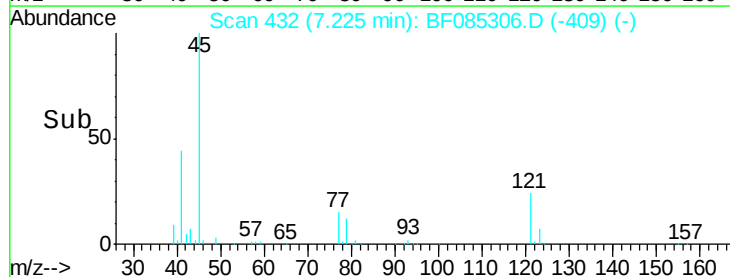
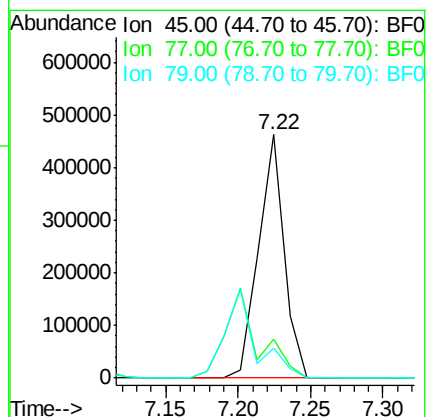
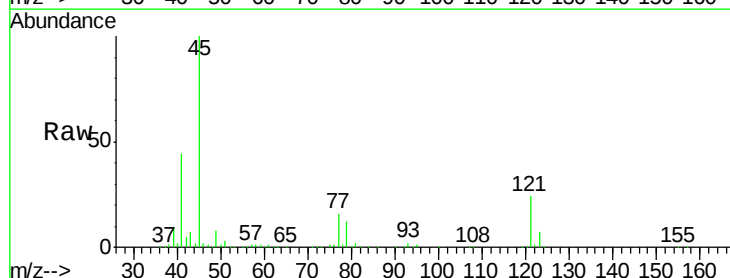
Tgt Ion: 45 Resp: 564135

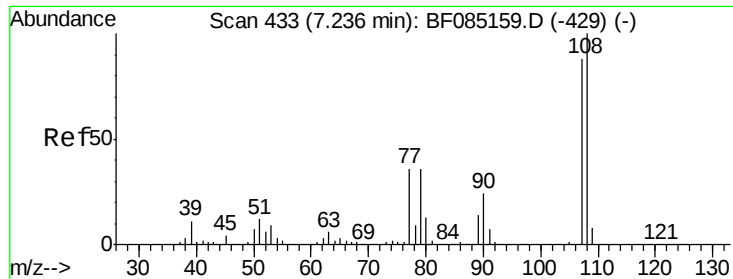
Ion Ratio Lower Upper

45 100

77 15.8 0.0 35.1

79 12.2 0.0 31.3

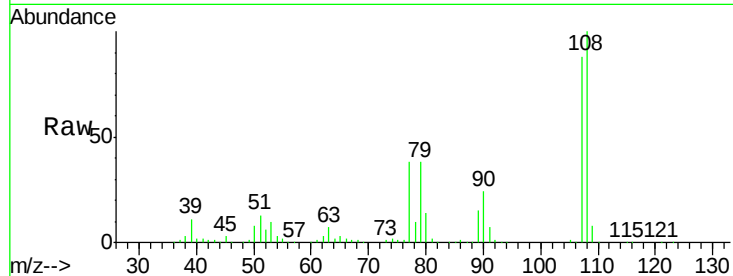




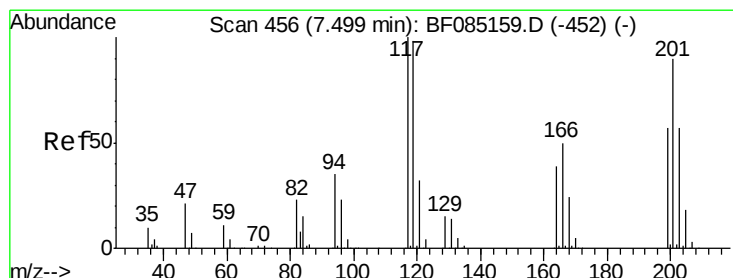
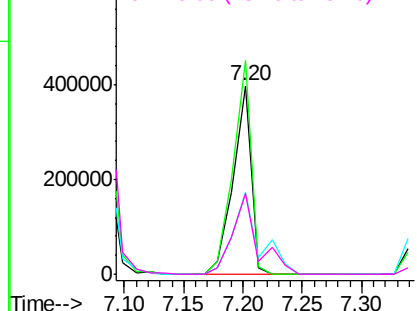
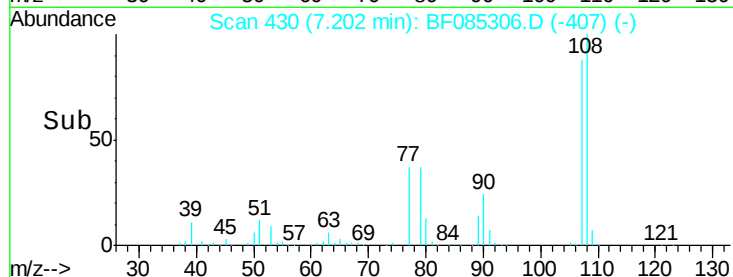
#17
2-Methylphenol
Concen: 38.15 ng
RT: 7.20 min Scan# 430
Delta R.T. -0.03 min
Lab File: BF085306.D
Acq: 9 Mar 2016 18:41

Instrument :
BNA_F
ClientSampleId :
PB88789BS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.4	90.9	136.3
77	43.2	32.6	48.8
79	42.6	32.8	49.2

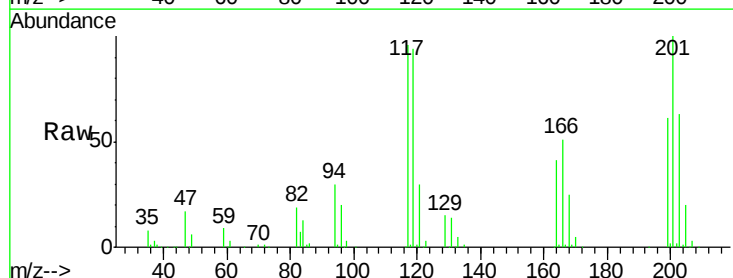


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

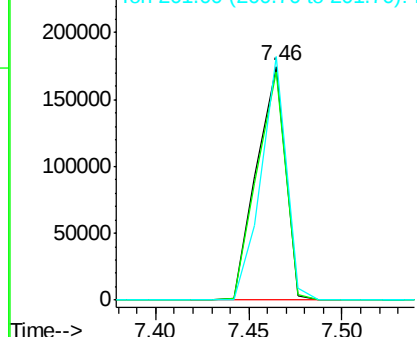
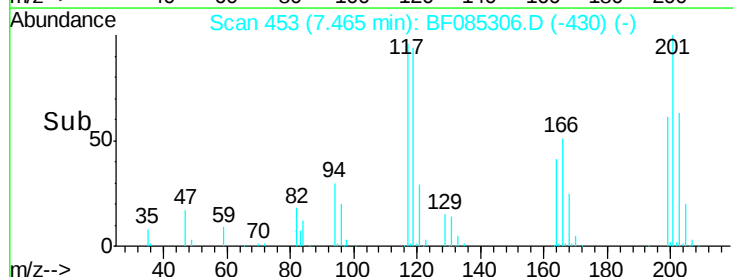


#18
Hexachloroethane
Concen: 34.77 ng
RT: 7.46 min Scan# 453
Delta R.T. -0.03 min
Lab File: BF085306.D
Acq: 9 Mar 2016 18:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	78.2	117.4
201	104.1	72.0	108.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

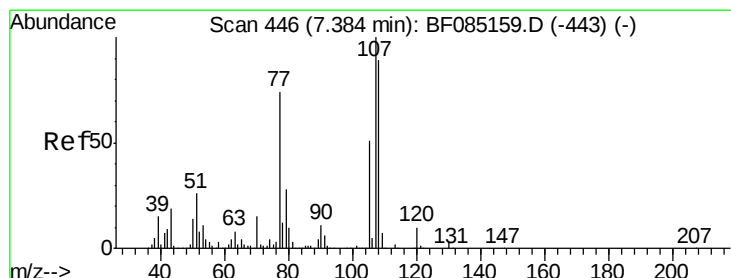
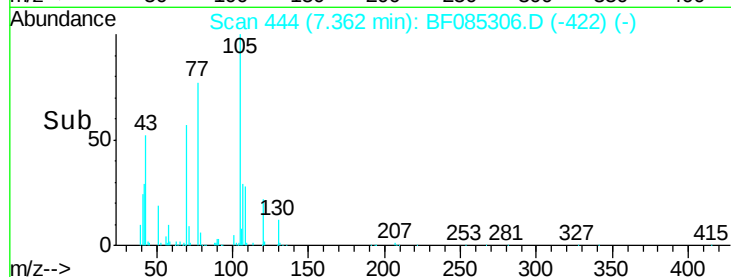
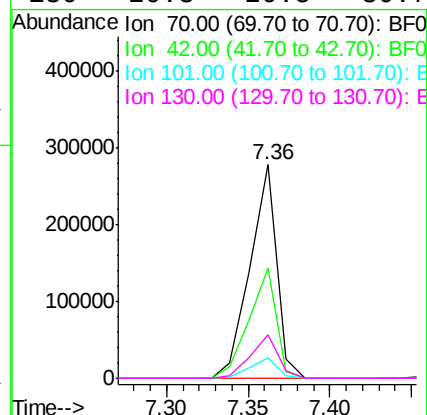
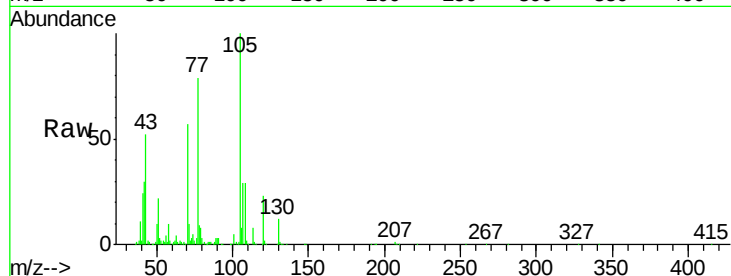




#19
n-Nitroso-di-n-propylamine
Concen: 32.81 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.05 min
Lab File: BF085306.D
Acq: 9 Mar 2016 18:41

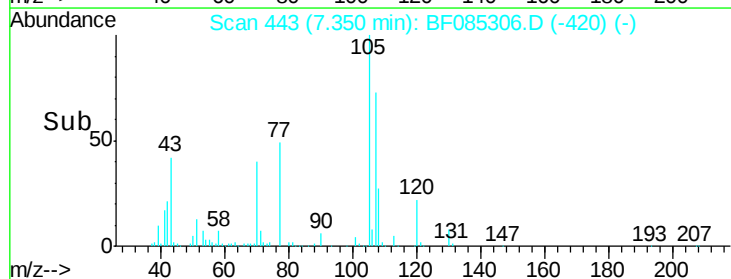
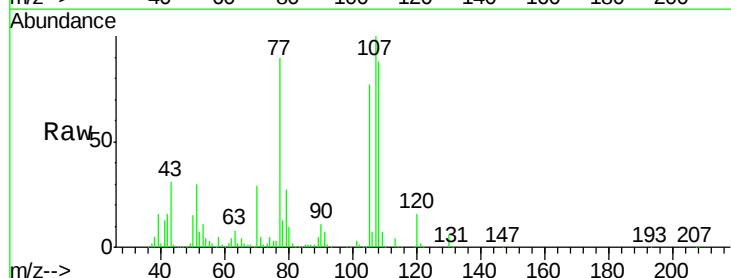
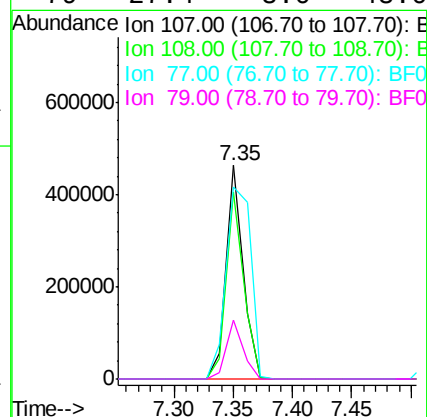
Instrument :
BNA_F
ClientSampleId :
PB88789BS

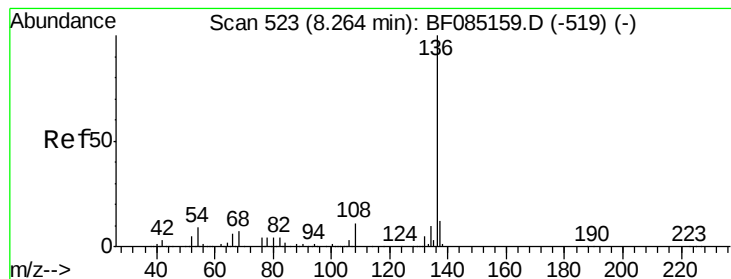
Tgt Ion: 70 Resp: 315107
Ion Ratio Lower Upper
70 100
42 51.8 37.7 56.5
101 9.4 8.2 12.4
130 20.3 20.5 30.7#



#20
3+4-Methylphenols
Concen: 34.95 ng
RT: 7.35 min Scan# 443
Delta R.T. -0.03 min
Lab File: BF085306.D
Acq: 9 Mar 2016 18:41

Tgt Ion: 107 Resp: 457463
Ion Ratio Lower Upper
107 100
108 87.6 68.8 108.8
77 89.6 53.6 93.6
79 27.4 8.0 48.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.23 min Scan# 520

Delta R.T. -0.03 min

Lab File: BF085306.D

Acq: 9 Mar 2016 18:41

Instrument :

BNA_F

ClientSampleId :

PB88789BS

Tgt Ion:136 Resp: 751692

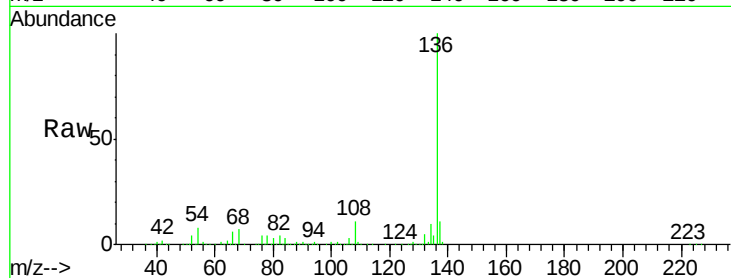
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 8.1 7.4 11.2

68 6.9 6.0 9.0

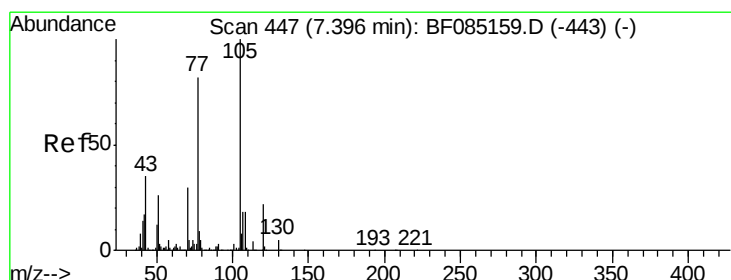
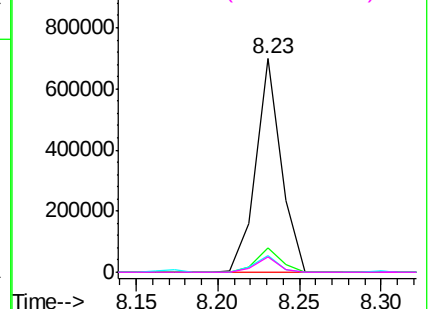
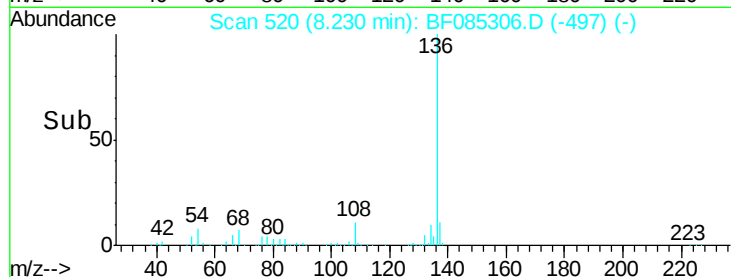


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 34.24 ng

RT: 7.36 min Scan# 444

Delta R.T. -0.03 min

Lab File: BF085306.D

Acq: 9 Mar 2016 18:41

Tgt Ion:105 Resp: 628258

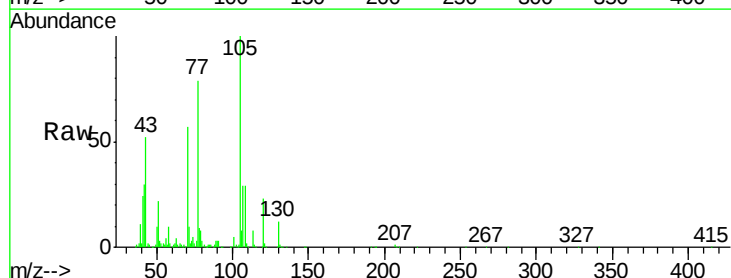
Ion Ratio Lower Upper

105 100

71 9.8 4.1 6.1#

51 22.2 21.1 31.7

120 22.6 17.3 25.9

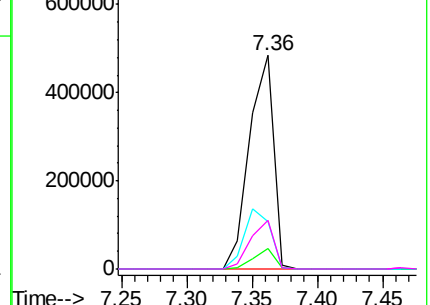
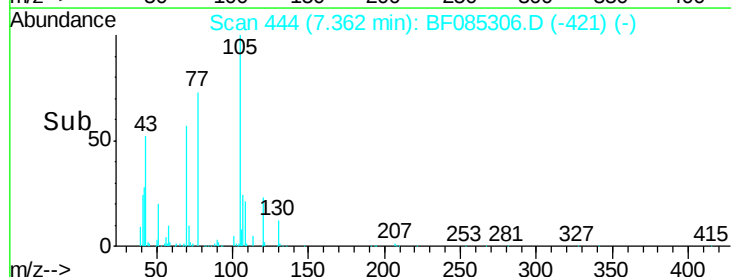


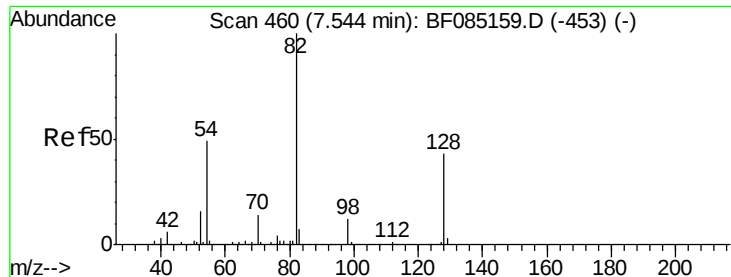
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

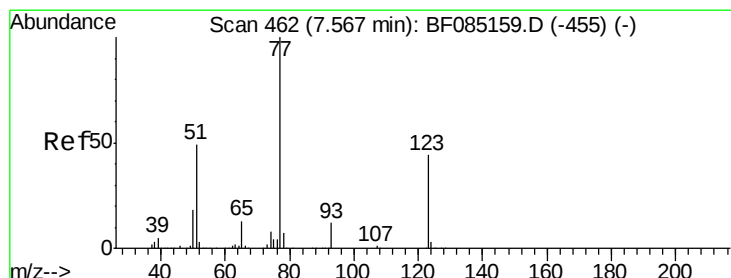
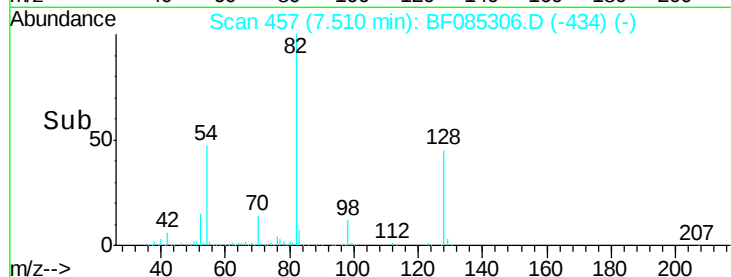
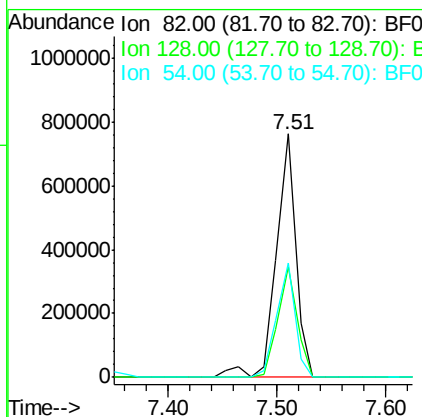
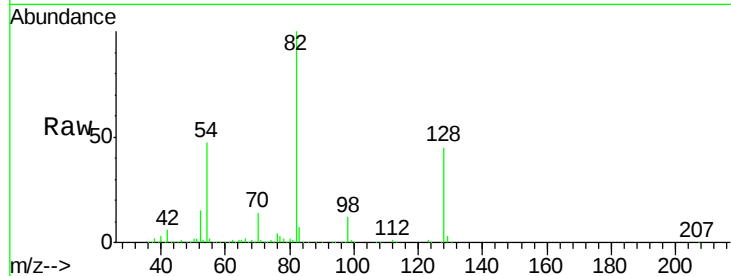




#23
 Nitrobenzene-d5
 Concen: 68.16 ng
 RT: 7.51 min Scan# 457
 Delta R.T. -0.03 min
 Lab File: BF085306.D
 Acq: 9 Mar 2016 18:41

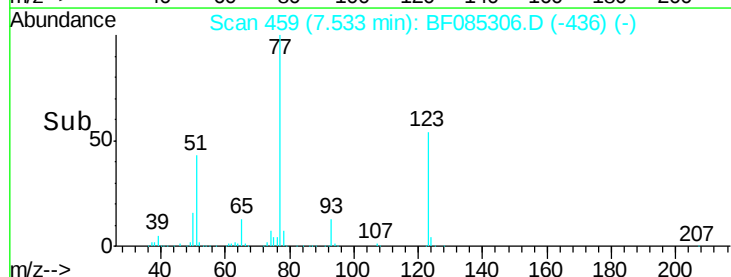
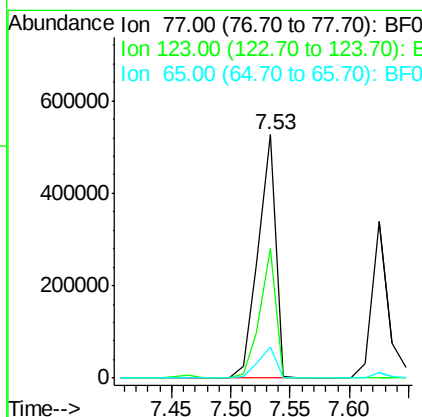
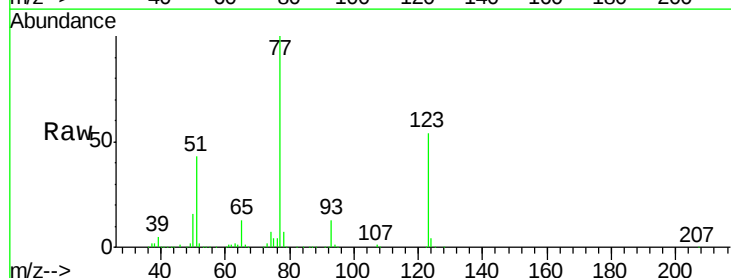
Instrument :
 BNA_F
 ClientSampleId :
 PB88789BS

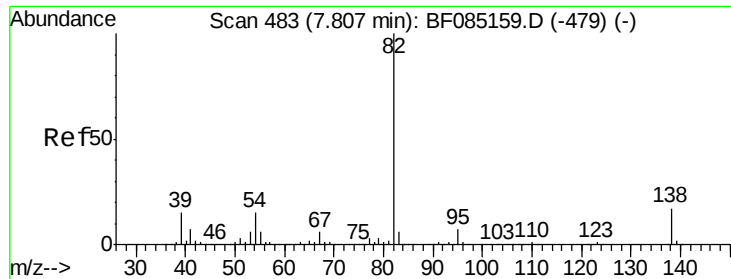
Tgt Ion: 82 Resp: 957391
 Ion Ratio Lower Upper
 82 100
 128 45.2 34.5 51.7
 54 46.8 39.3 58.9



#24
 Nitrobenzene
 Concen: 38.51 ng
 RT: 7.53 min Scan# 459
 Delta R.T. -0.03 min
 Lab File: BF085306.D
 Acq: 9 Mar 2016 18:41

Tgt Ion: 77 Resp: 549569
 Ion Ratio Lower Upper
 77 100
 123 53.5 35.4 53.2#
 65 12.6 10.6 16.0

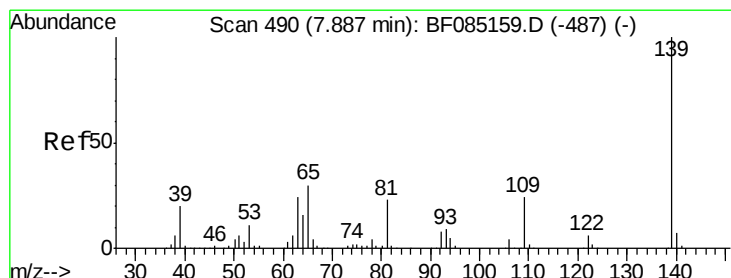
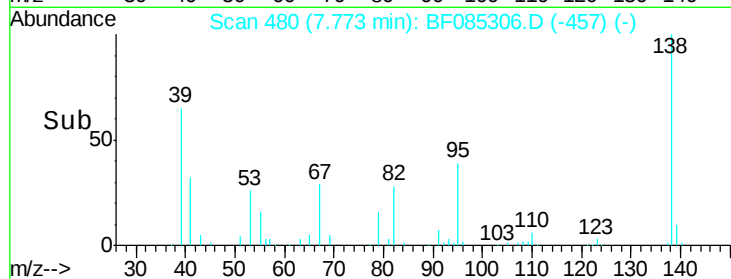
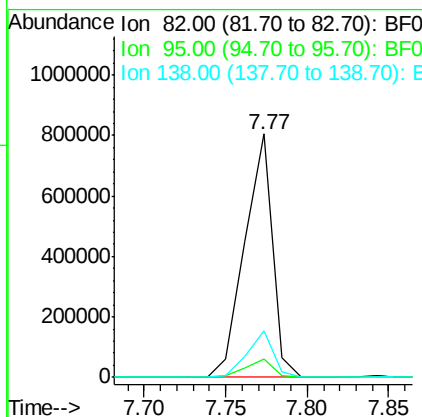
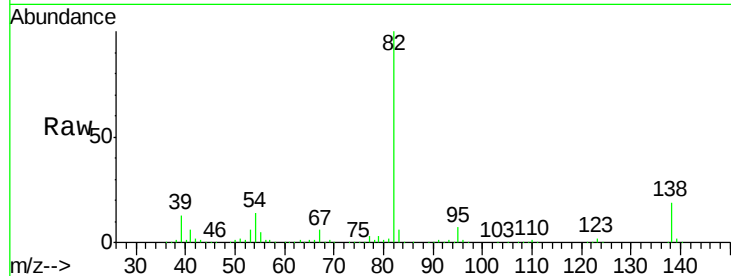




#25
Isophorone
Concen: 36.44 ng
RT: 7.77 min Scan# 480
Delta R.T. -0.03 min
Lab File: BF085306.D
Acq: 9 Mar 2016 18:41

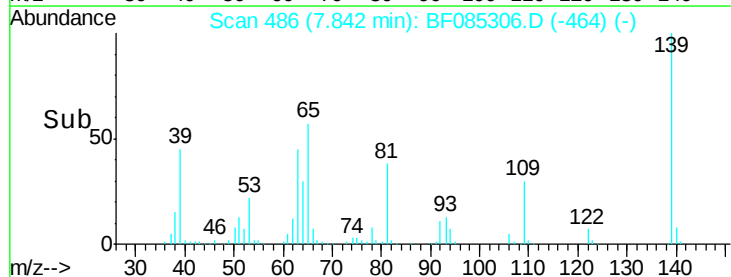
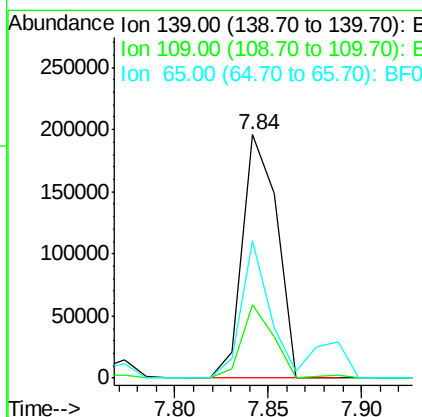
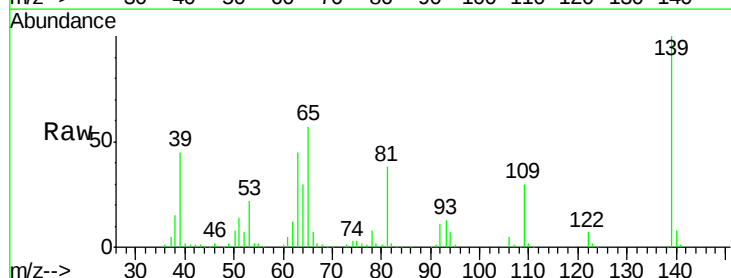
Instrument :
BNA_F
ClientSampleId :
PB88789BS

Tgt Ion: 82 Resp: 948566
Ion Ratio Lower Upper
82 100
95 7.3 5.4 8.2
138 18.9 13.3 19.9



#26
2-Nitrophenol
Concen: 36.27 ng
RT: 7.84 min Scan# 486
Delta R.T. -0.05 min
Lab File: BF085306.D
Acq: 9 Mar 2016 18:41

Tgt Ion: 139 Resp: 251854
Ion Ratio Lower Upper
139 100
109 29.9 19.1 28.7#
65 56.7 23.9 35.9#





#27

2,4-Dimethylphenol

Concen: 39.16 ng

RT: 7.89 min Scan# 490

Delta R.T. -0.03 min

Lab File: BF085306.D

Acq: 9 Mar 2016 18:41

Instrument :

BNA_F

ClientSampleId :

PB88789BS

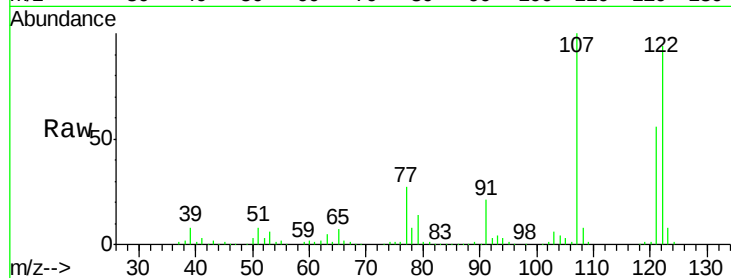
Tgt Ion: 122 Resp: 497002

Ion Ratio Lower Upper

122 100

107 106.4 84.8 127.2

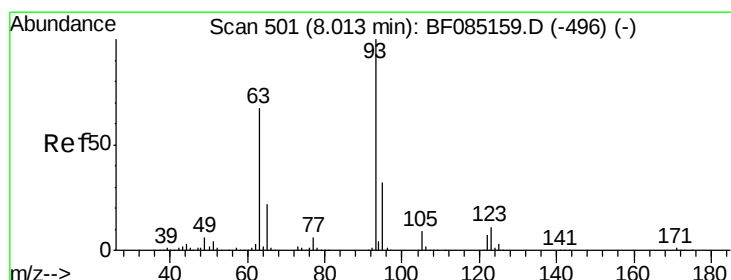
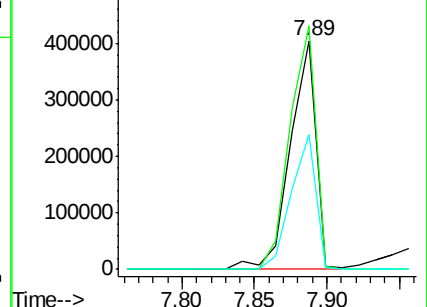
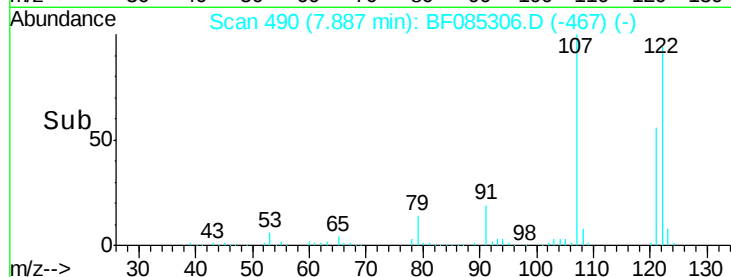
121 59.1 47.0 70.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.56 ng

RT: 7.98 min Scan# 498

Delta R.T. -0.03 min

Lab File: BF085306.D

Acq: 9 Mar 2016 18:41

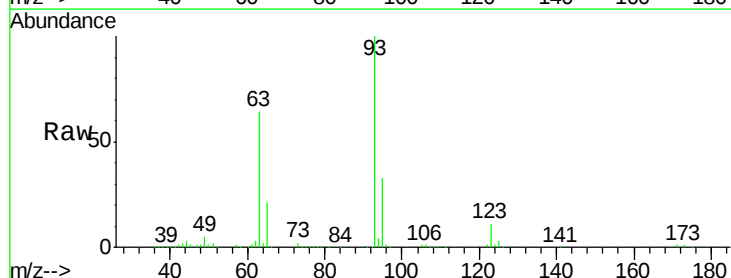
Tgt Ion: 93 Resp: 573530

Ion Ratio Lower Upper

93 100

95 33.2 25.9 38.9

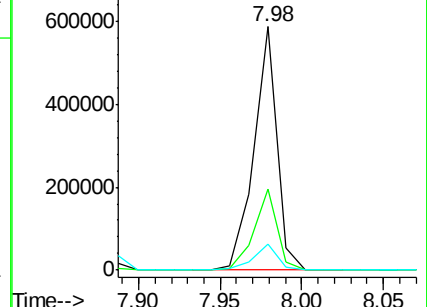
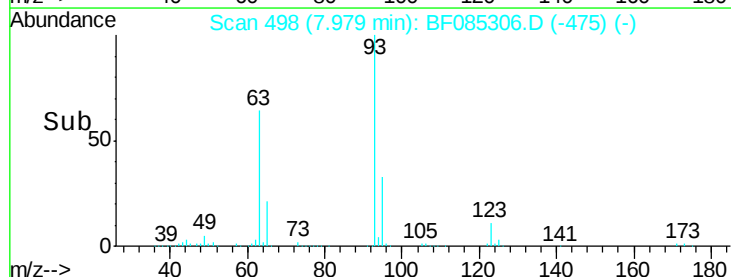
123 10.6 8.8 13.2

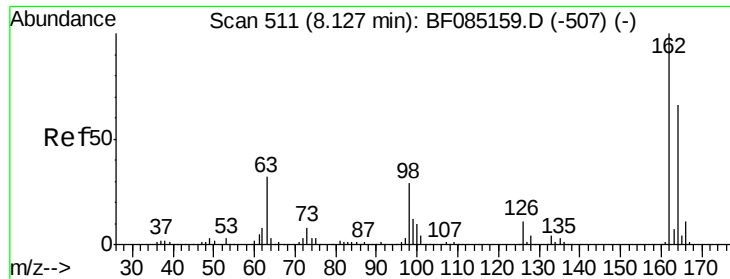


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

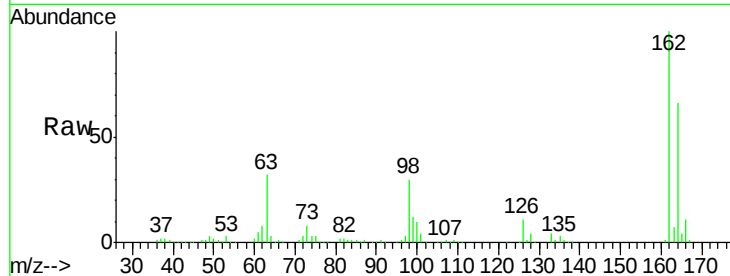




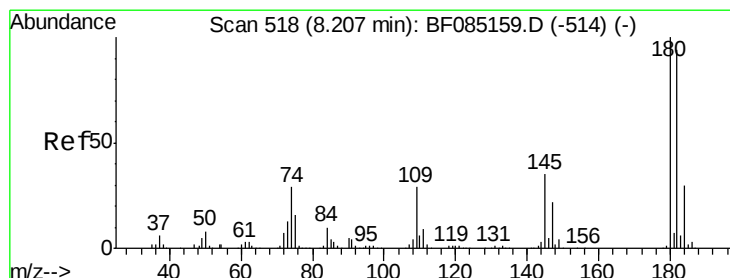
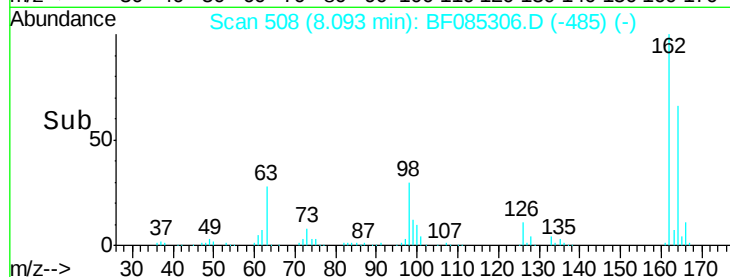
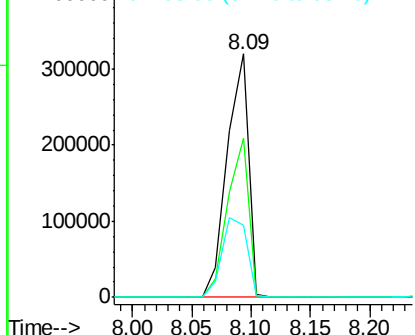
#29
 2,4-Dichlorophenol
 Concen: 39.20 ng
 RT: 8.09 min Scan# 508
 Delta R.T. -0.03 min
 Lab File: BF085306.D
 Acq: 9 Mar 2016 18:41

Instrument :
 BNA_F
 ClientSampleId :
 PB88789BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.6	45.7	85.7
98	29.8	9.4	49.4

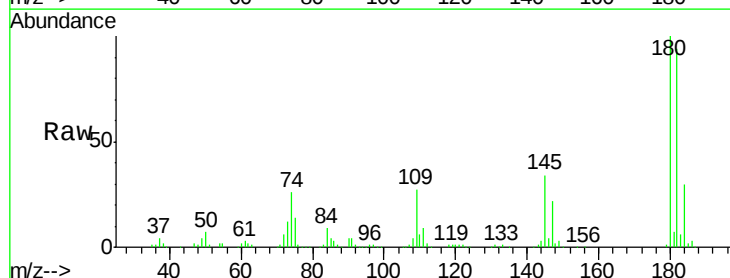


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

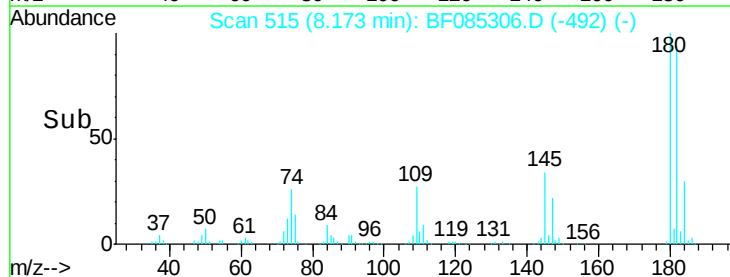
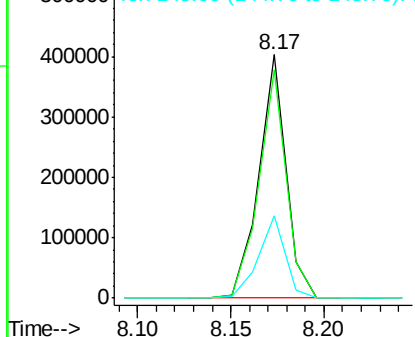


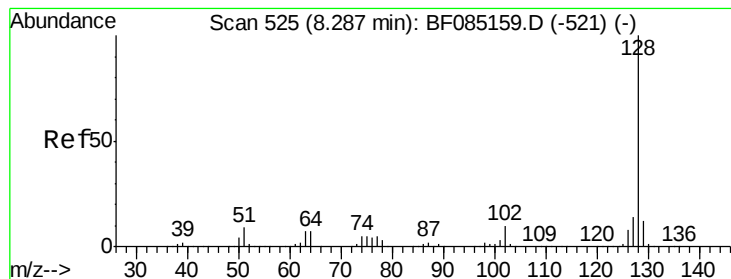
#30
 1,2,4-Trichlorobenzene
 Concen: 36.57 ng
 RT: 8.17 min Scan# 515
 Delta R.T. -0.03 min
 Lab File: BF085306.D
 Acq: 9 Mar 2016 18:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	74.9	112.3
145	33.9	27.9	41.9



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





#31

Naphthalene

Concen: 34.49 ng

RT: 8.25 min Scan# 522

Delta R.T. -0.03 min

Lab File: BF085306.D

Acq: 9 Mar 2016 18:41

Instrument :

BNA_F

ClientSampleId :

PB88789BS

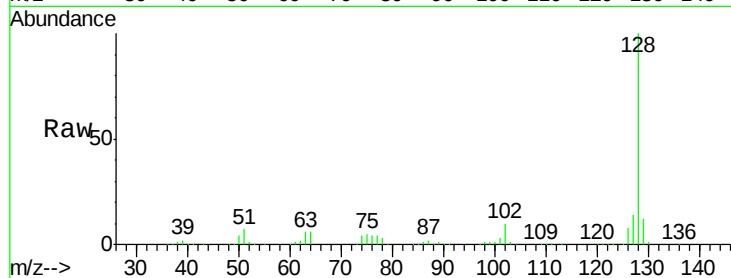
Tgt Ion:128 Resp: 1274707

Ion Ratio Lower Upper

128 100

129 11.8 9.7 14.5

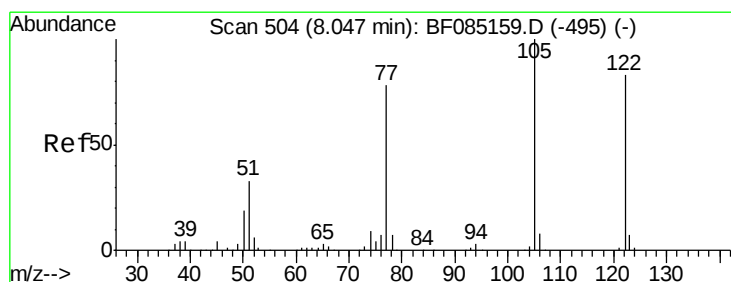
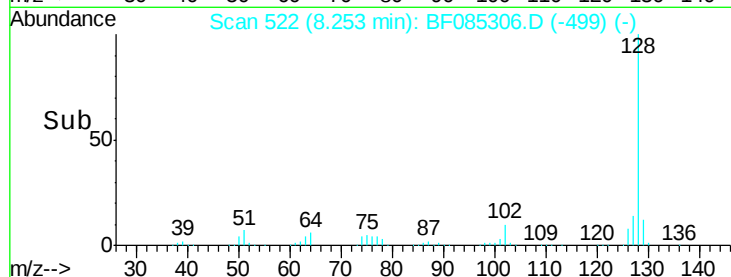
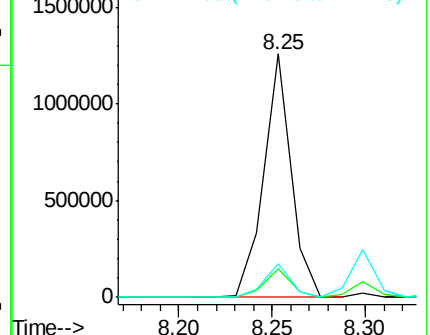
127 13.9 11.2 16.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 8.24 ng

RT: 7.96 min Scan# 496

Delta R.T. -0.09 min

Lab File: BF085306.D

Acq: 9 Mar 2016 18:41

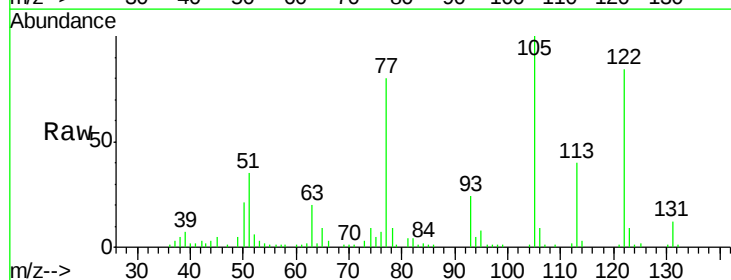
Tgt Ion:122 Resp: 69425

Ion Ratio Lower Upper

122 100

105 119.7 101.3 141.3

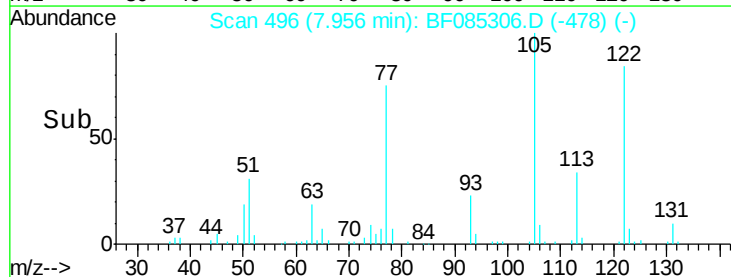
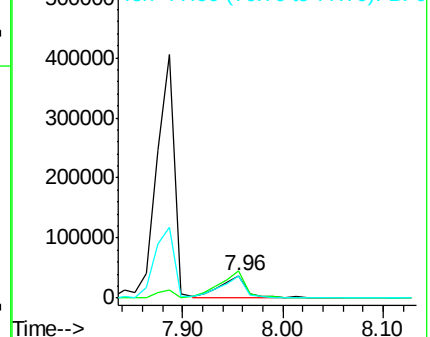
77 95.4 74.7 114.7

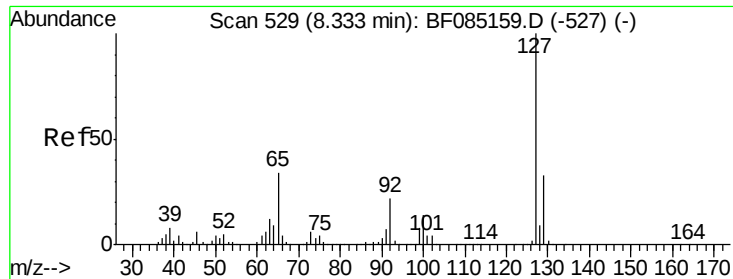


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

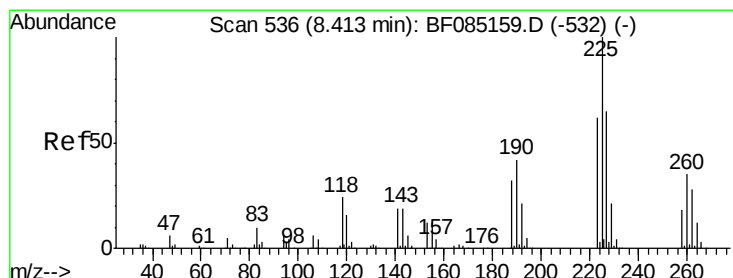
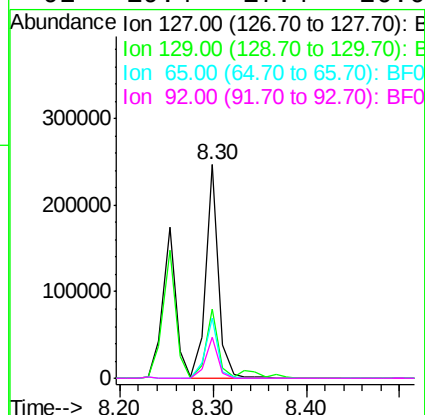
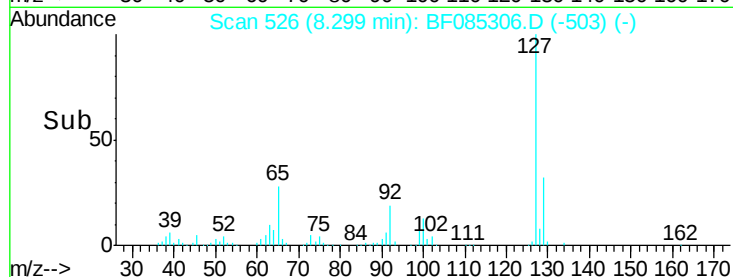
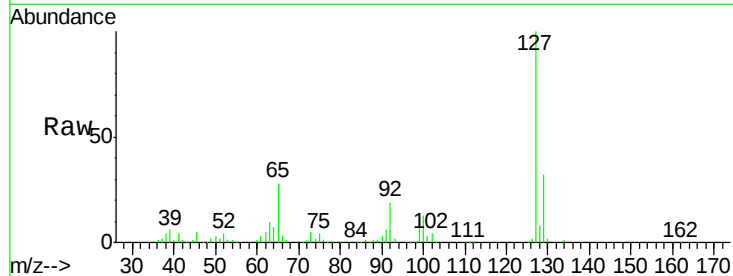




#33
4-Chloroaniline
Concen: 15.75 ng
RT: 8.30 min Scan# 526
Delta R.T. -0.03 min
Lab File: BF085306.D
Acq: 9 Mar 2016 18:41

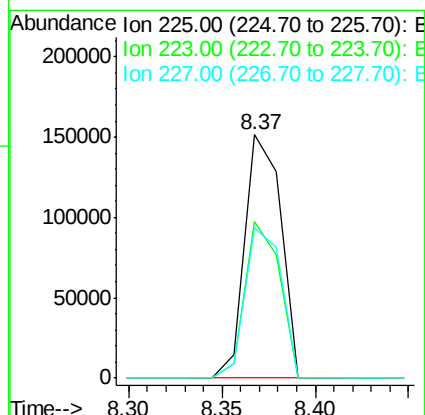
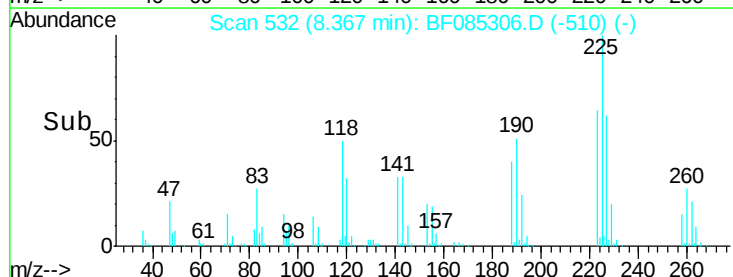
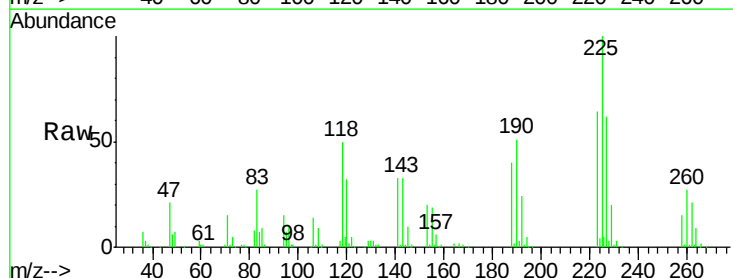
Instrument :
BNA_F
ClientSampleId :
PB88789BS

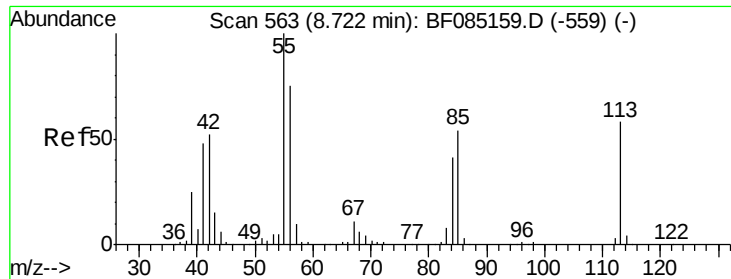
Tgt Ion:	127	Resp:	235534
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.1	39.1
65	28.0	27.0	40.6
92	19.4	17.4	26.0



#34
Hexachlorobutadiene
Concen: 35.15 ng
RT: 8.37 min Scan# 532
Delta R.T. -0.05 min
Lab File: BF085306.D
Acq: 9 Mar 2016 18:41

Tgt Ion:	225	Resp:	202363
Ion	Ratio	Lower	Upper
225	100		
223	64.3	49.7	74.5
227	61.9	52.2	78.4

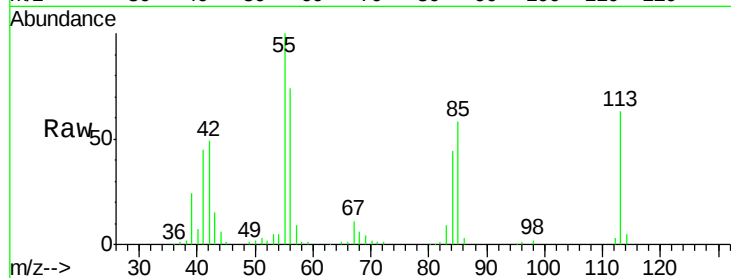




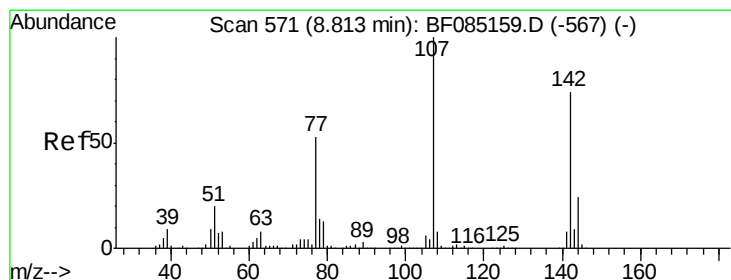
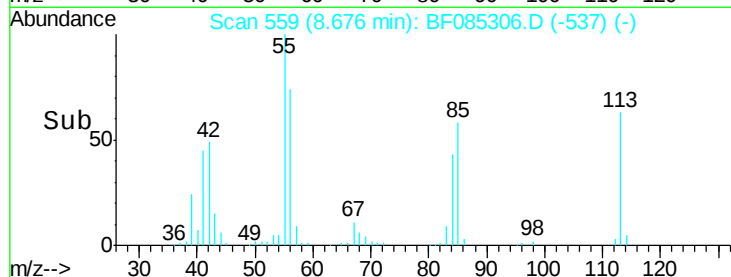
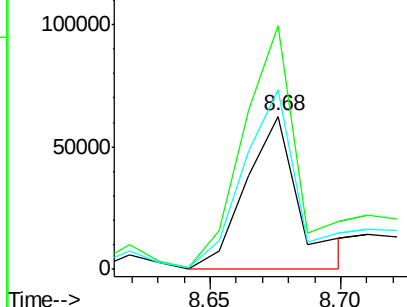
#35
 Caprolactam
 Concen: 26.48 ng
 RT: 8.68 min Scan# 559
 Delta R.T. -0.05 min
 Lab File: BF085306.D
 Acq: 9 Mar 2016 18:41

Instrument :
 BNA_F
 ClientSampleId :
 PB88789BS

Tgt Ion:113 Resp: 88515
 Ion Ratio Lower Upper
 113 100
 55 158.8 152.7 192.7
 56 116.8 109.0 149.0

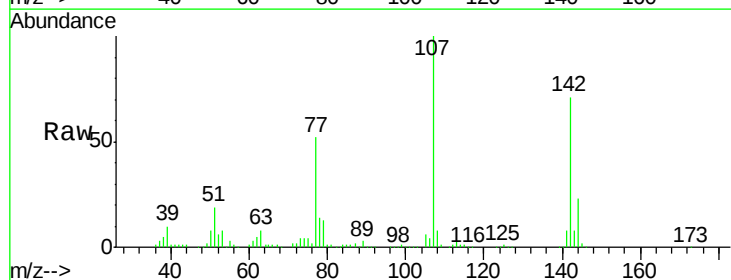


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

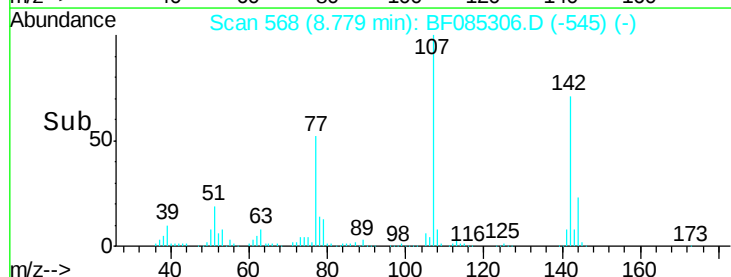
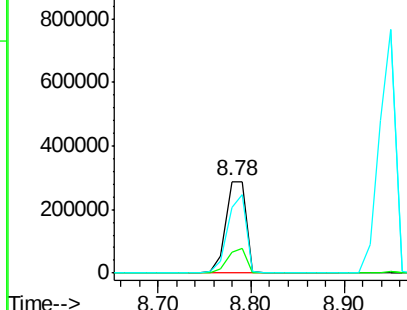


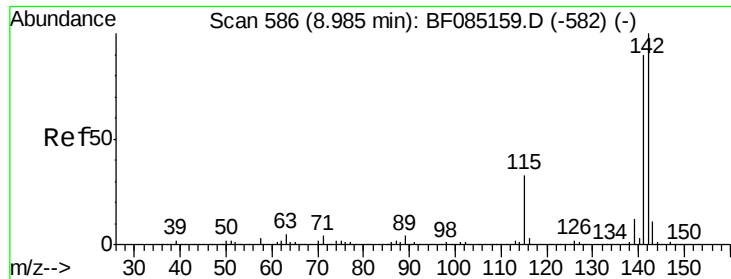
#36
 4-Chloro-3-methylphenol
 Concen: 37.95 ng
 RT: 8.78 min Scan# 568
 Delta R.T. -0.03 min
 Lab File: BF085306.D
 Acq: 9 Mar 2016 18:41

Tgt Ion:107 Resp: 440687
 Ion Ratio Lower Upper
 107 100
 144 23.4 19.4 29.2
 142 71.4 59.4 89.2



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

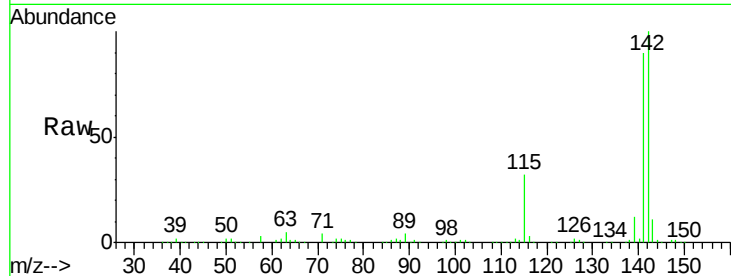




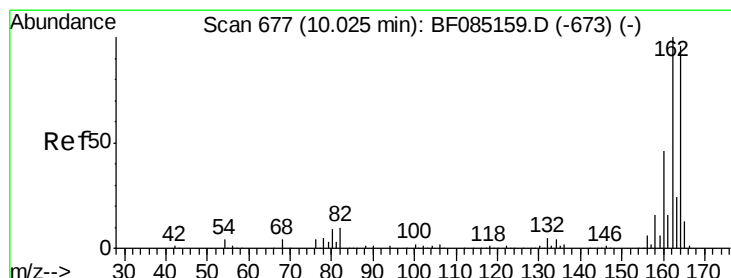
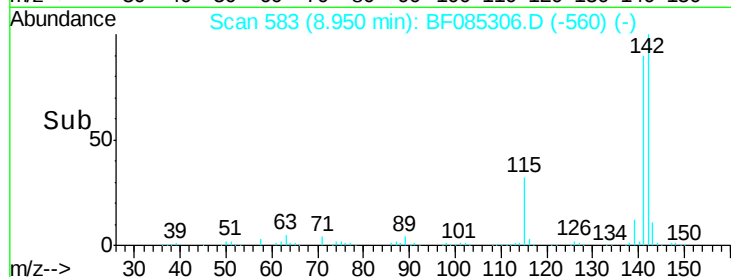
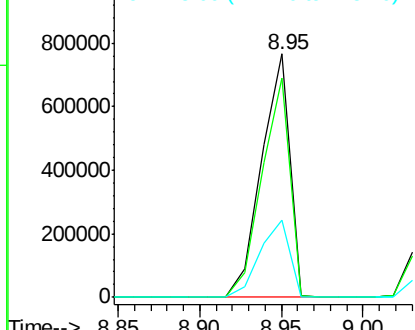
#37
 2-Methylnaphthalene
 Concen: 38.79 ng
 RT: 8.95 min Scan# 583
 Delta R.T. -0.03 min
 Lab File: BF085306.D
 Acq: 9 Mar 2016 18:41

Instrument :
 BNA_F
 ClientSampleID :
 PB88789BS

Tgt Ion:142 Resp: 919982
 Ion Ratio Lower Upper
 142 100
 141 90.0 71.7 107.5
 115 31.5 26.2 39.4

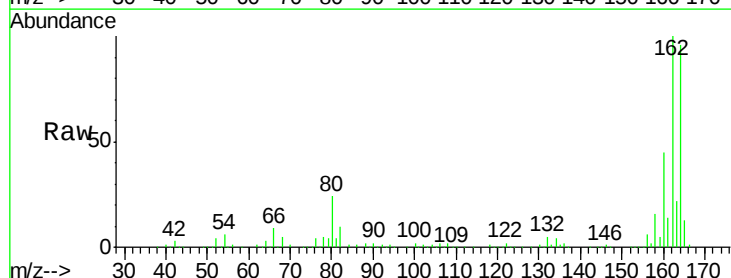


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

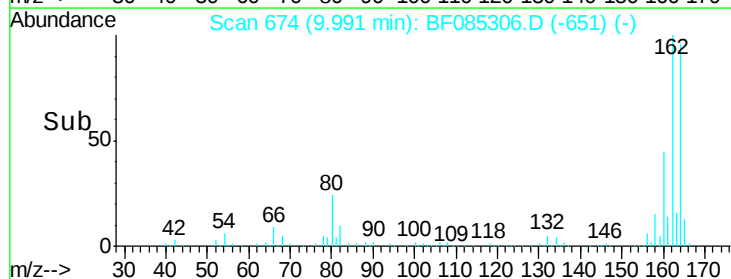
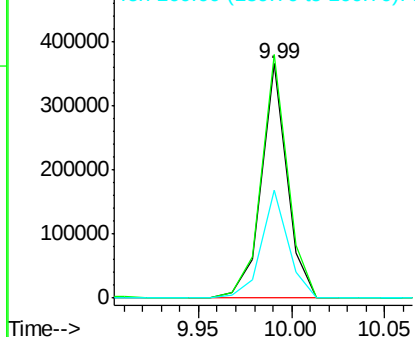


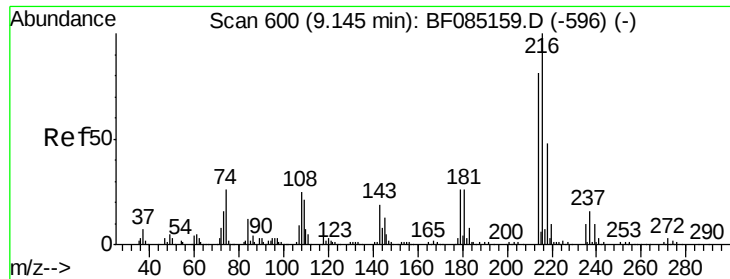
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.99 min Scan# 674
 Delta R.T. -0.03 min
 Lab File: BF085306.D
 Acq: 9 Mar 2016 18:41

Tgt Ion:164 Resp: 347777
 Ion Ratio Lower Upper
 164 100
 162 103.9 83.3 124.9
 160 46.3 37.9 56.9



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.63 ng

RT: 9.11 min Scan# 597

Delta R.T. -0.03 min

Lab File: BF085306.D

Acq: 9 Mar 2016 18:41

Instrument :

BNA_F

ClientSampleId :

PB88789BS

Tgt Ion:216 Resp: 334495

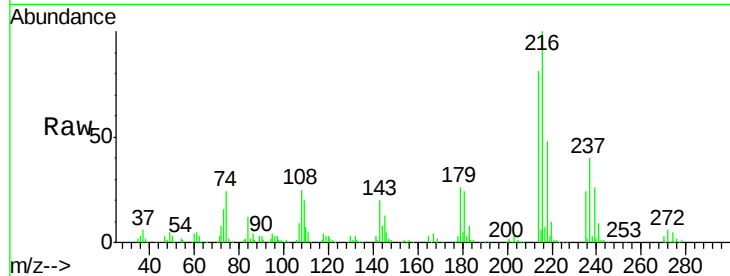
Ion Ratio Lower Upper

216 100

214 79.3 63.8 95.6

179 23.2 19.6 29.4

108 24.5 19.6 29.4

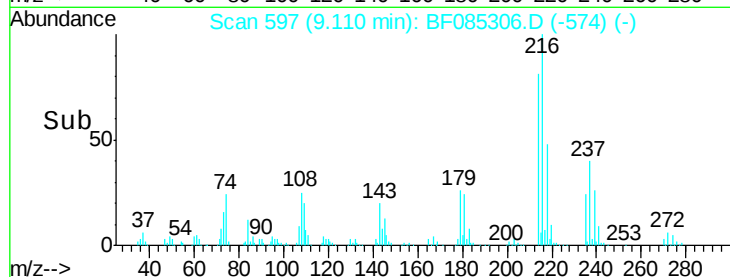


Abundance Ion 216.00 (215.70 to 216.70): E

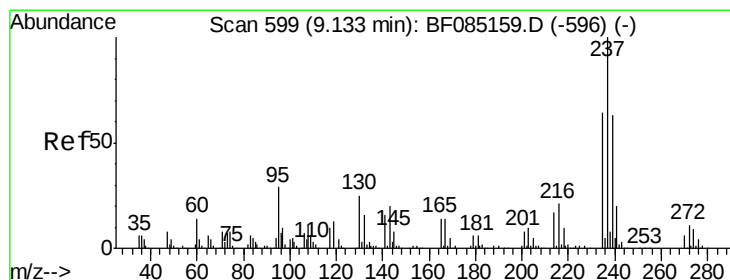
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 70.41 ng

RT: 9.10 min Scan# 596

Delta R.T. -0.03 min

Lab File: BF085306.D

Acq: 9 Mar 2016 18:41

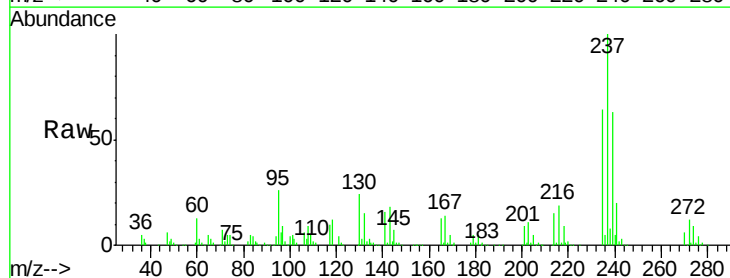
Tgt Ion:237 Resp: 377685

Ion Ratio Lower Upper

237 100

235 64.3 43.7 83.7

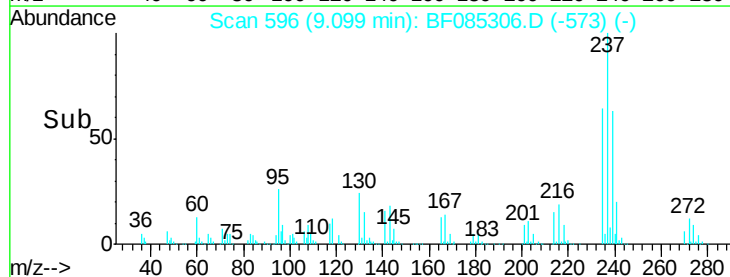
272 11.8 0.0 31.5



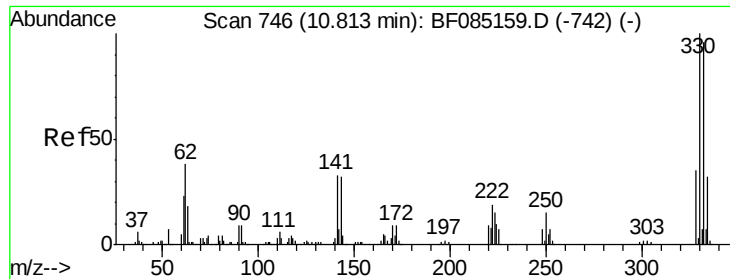
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



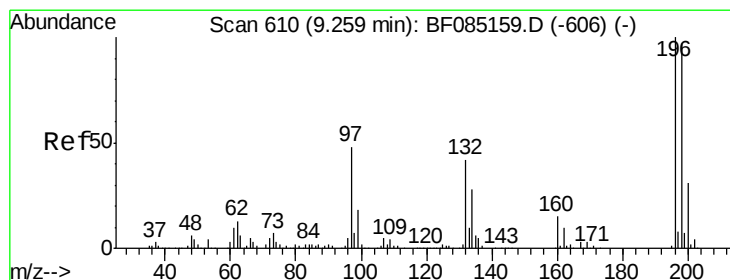
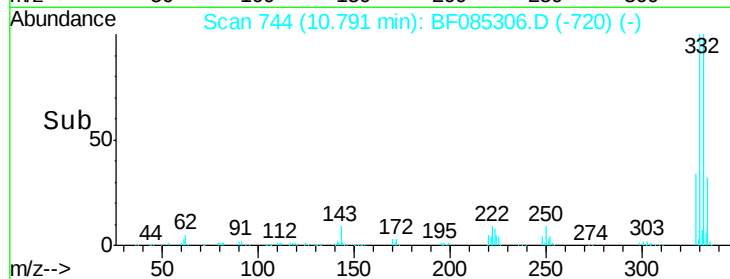
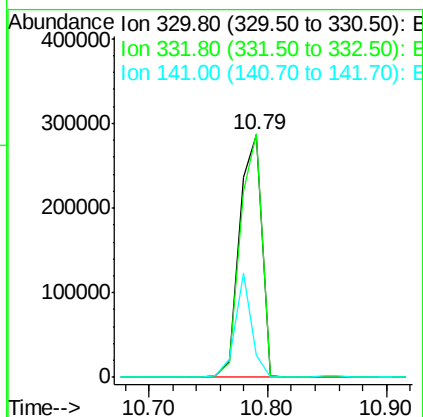
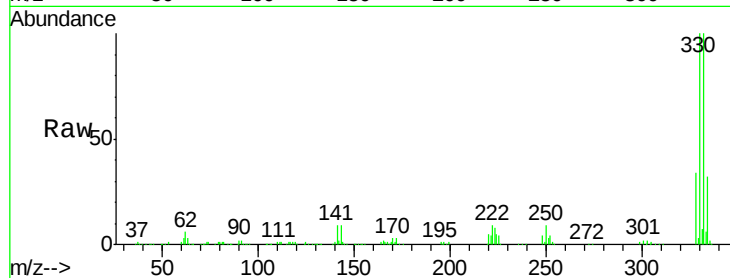
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 126.14 ng
 RT: 10.79 min Scan# 744
 Delta R.T. -0.02 min
 Lab File: BF085306.D
 Acq: 9 Mar 2016 18:41

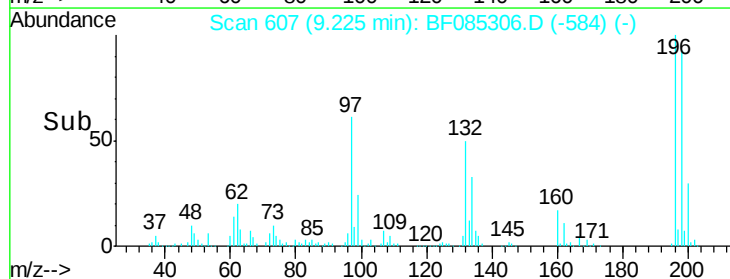
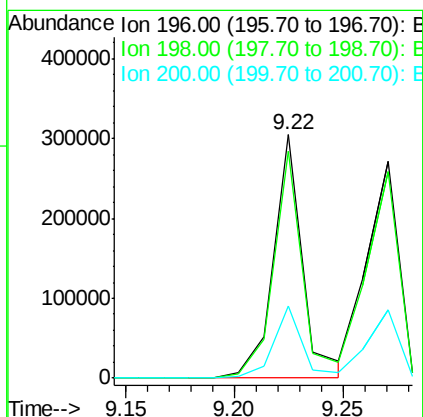
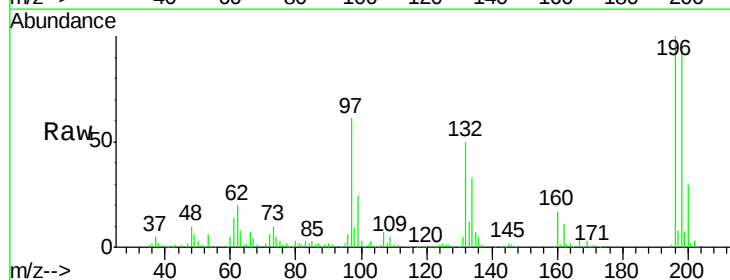
Instrument :
 BNA_F
 ClientSampleId :
 PB88789BS

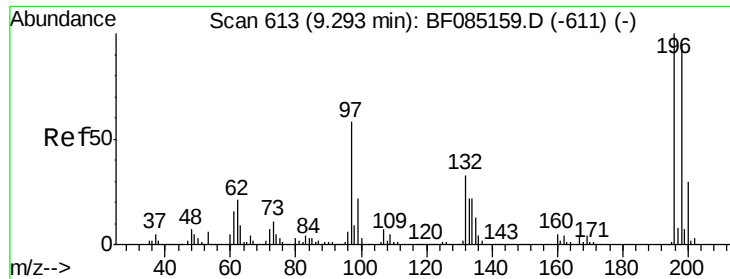
Tgt Ion:330 Resp: 375358
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.1 115.7
 141 32.1 35.0 52.6#



#42
 2,4,6-Trichlorophenol
 Concen: 38.59 ng
 RT: 9.22 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF085306.D
 Acq: 9 Mar 2016 18:41

Tgt Ion:196 Resp: 285731
 Ion Ratio Lower Upper
 196 100
 198 93.5 77.8 116.6
 200 29.8 25.0 37.6

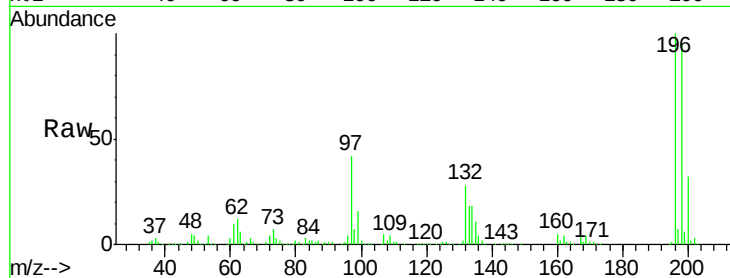




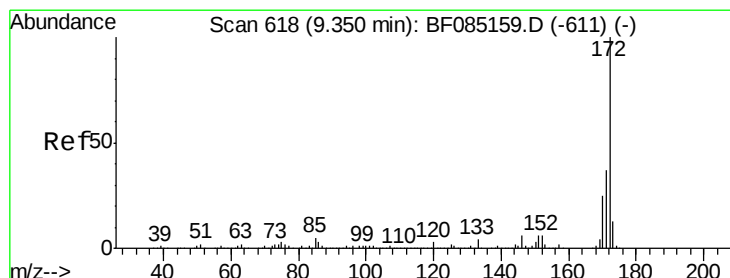
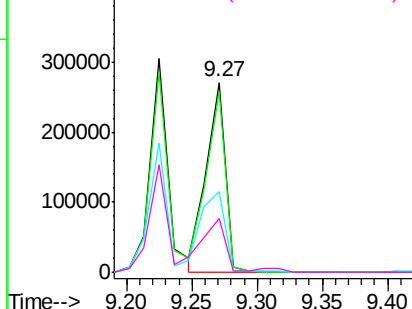
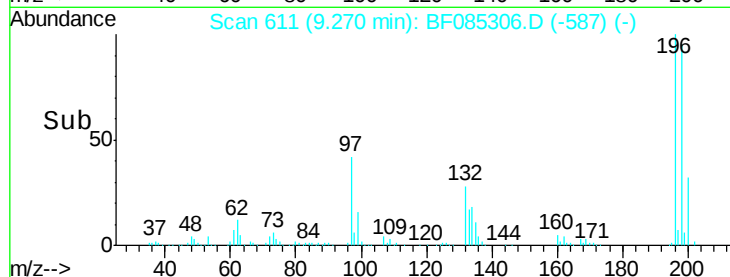
#43
 2,4,5-Trichlorophenol
 Concen: 39.71 ng
 RT: 9.27 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF085306.D
 Acq: 9 Mar 2016 18:41

Instrument :
 BNA_F
 ClientSampleId :
 PB88789BS

Tgt Ion:196 Resp: 278771
 Ion Ratio Lower Upper
 196 100
 198 95.2 75.7 113.5
 97 42.2 46.4 69.6#
 132 28.4 26.2 39.4

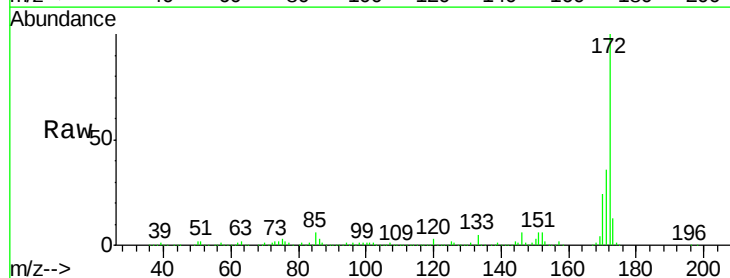


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

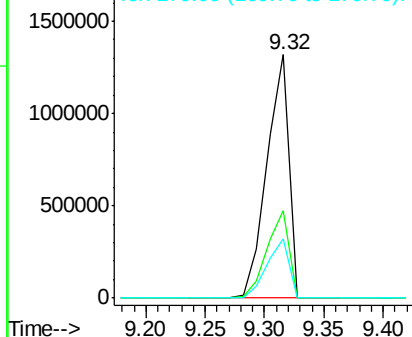
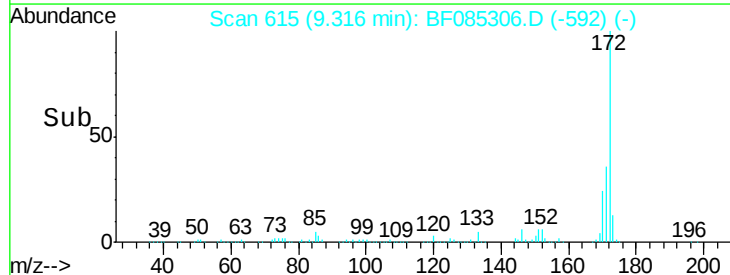


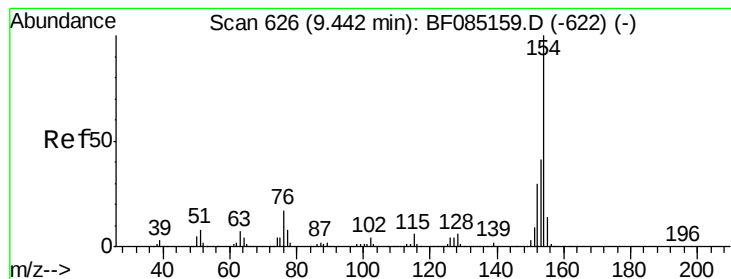
#44
 2-Fluorobiphenyl
 Concen: 74.76 ng
 RT: 9.32 min Scan# 615
 Delta R.T. -0.03 min
 Lab File: BF085306.D
 Acq: 9 Mar 2016 18:41

Tgt Ion:172 Resp: 1709519
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.3 43.9
 170 24.2 20.0 30.0



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: 32.34 ng

RT: 9.41 min Scan# 623

Delta R.T. -0.03 min

Lab File: BF085306.D

Acq: 9 Mar 2016 18:41

Instrument :

BNA_F

ClientSampleId :

PB88789BS

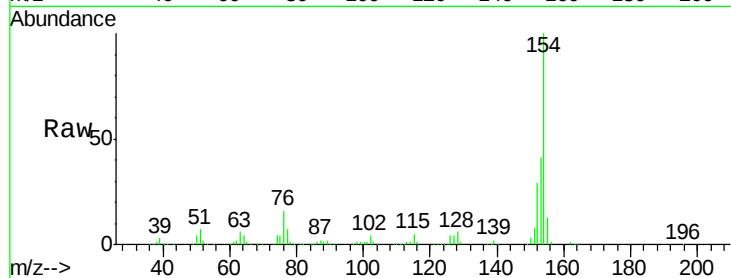
Tgt Ion:154 Resp: 960798

Ion Ratio Lower Upper

154 100

153 41.1 21.4 61.4

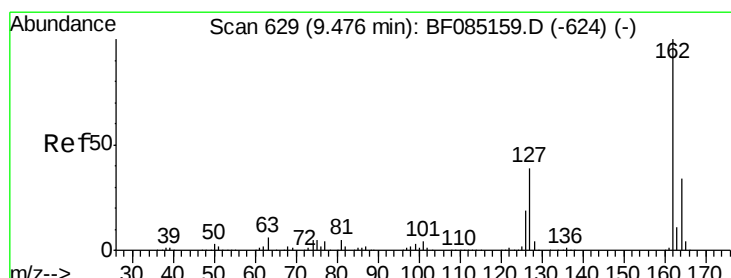
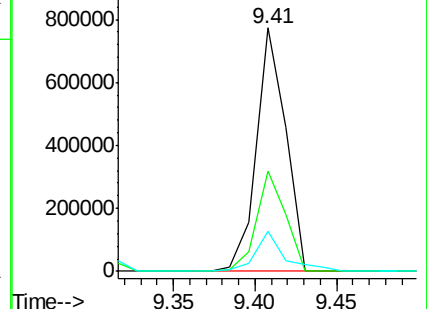
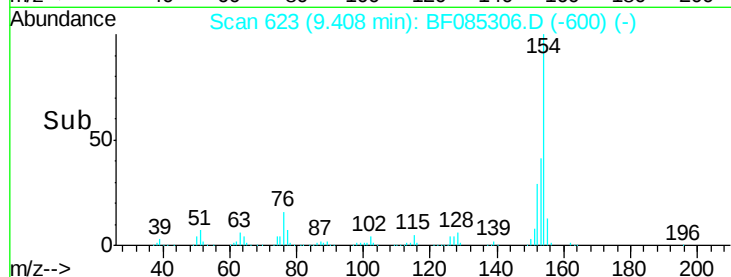
76 16.5 0.0 37.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 35.72 ng

RT: 9.44 min Scan# 626

Delta R.T. -0.03 min

Lab File: BF085306.D

Acq: 9 Mar 2016 18:41

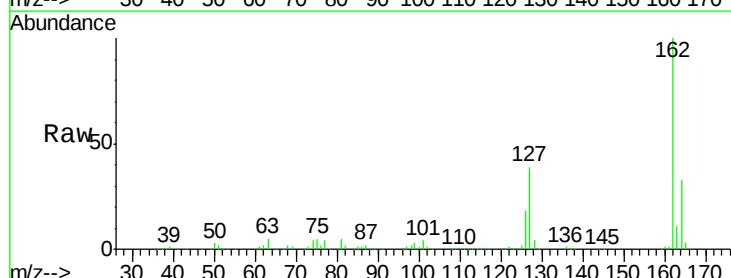
Tgt Ion:162 Resp: 808941

Ion Ratio Lower Upper

162 100

127 38.6 31.6 47.4

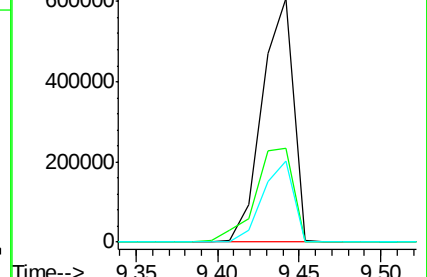
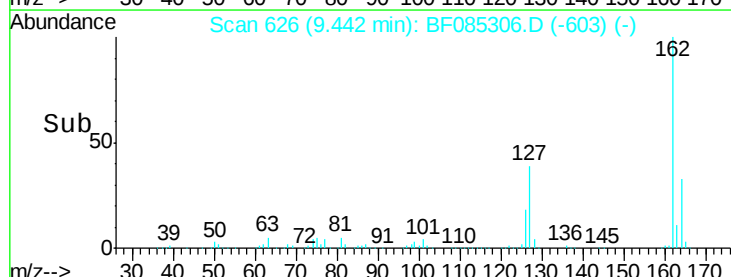
164 33.1 27.1 40.7

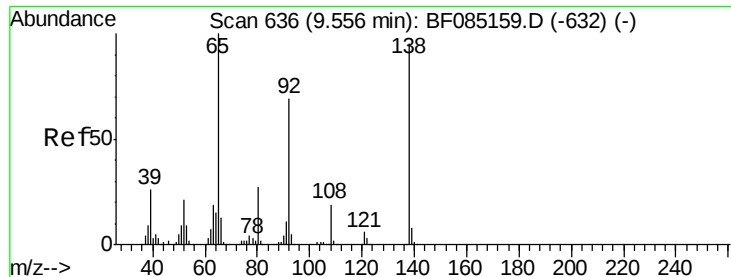


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

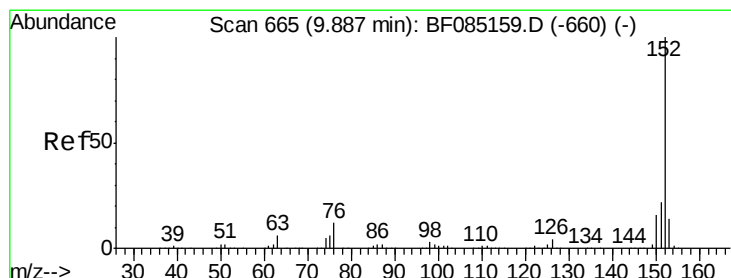
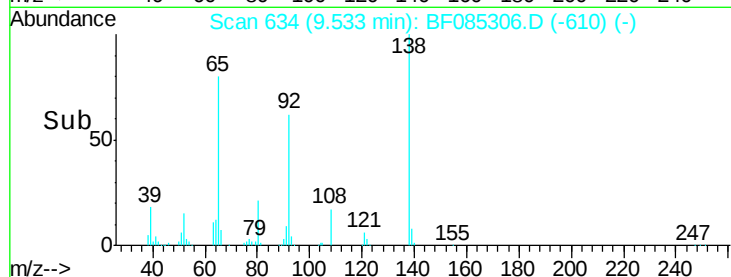
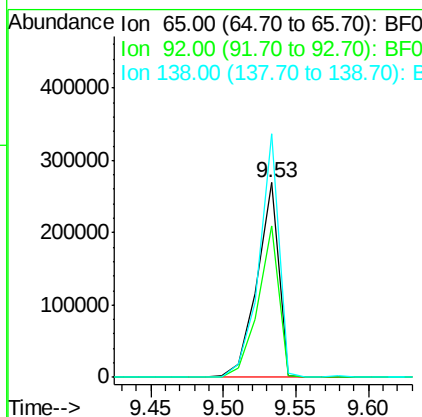
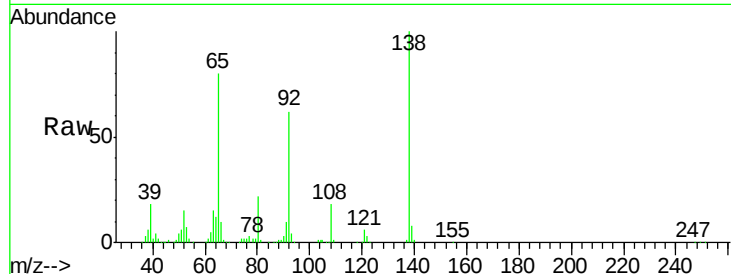




#47
2-Nitroaniline
Concen: 39.86 ng
RT: 9.53 min Scan# 634
Delta R.T. -0.02 min
Lab File: BF085306.D
Acq: 9 Mar 2016 18:41

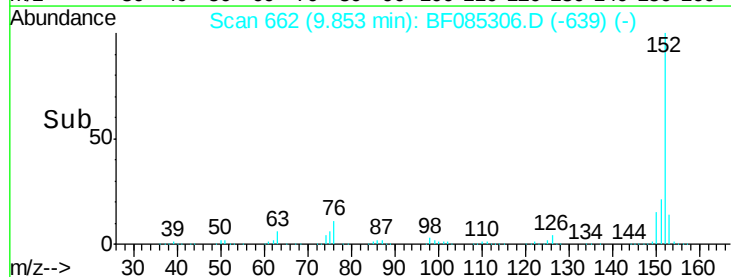
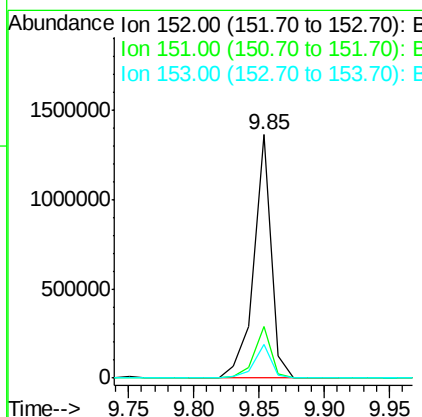
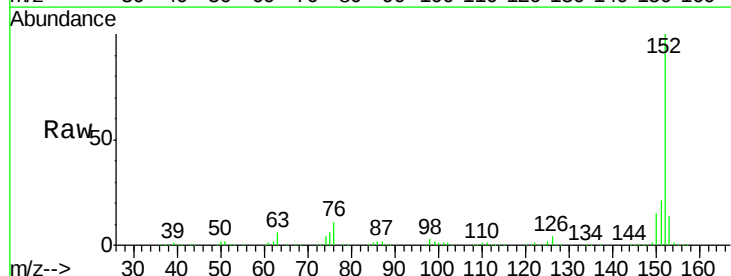
Instrument :
BNA_F
ClientSampleId :
PB88789BS

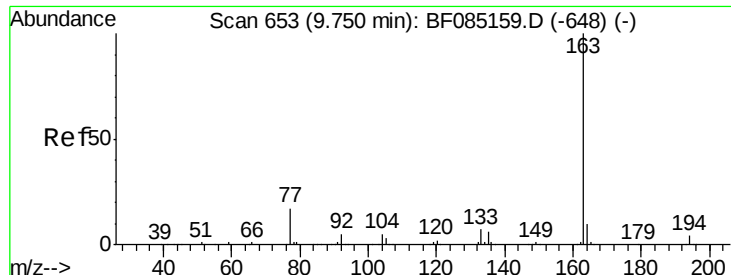
Tgt Ion: 65 Resp: 279724
Ion Ratio Lower Upper
65 100
92 77.8 55.4 83.2
138 125.1 75.7 113.5#



#48
Acenaphthylene
Concen: 35.94 ng
RT: 9.85 min Scan# 662
Delta R.T. -0.03 min
Lab File: BF085306.D
Acq: 9 Mar 2016 18:41

Tgt Ion: 152 Resp: 1266933
Ion Ratio Lower Upper
152 100
151 21.0 17.5 26.3
153 13.7 11.3 16.9

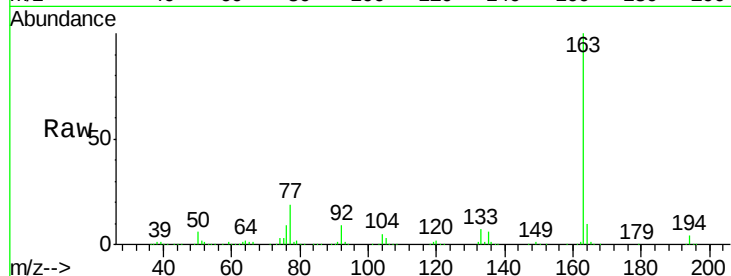




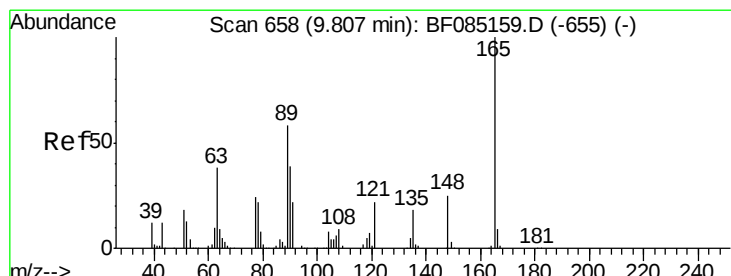
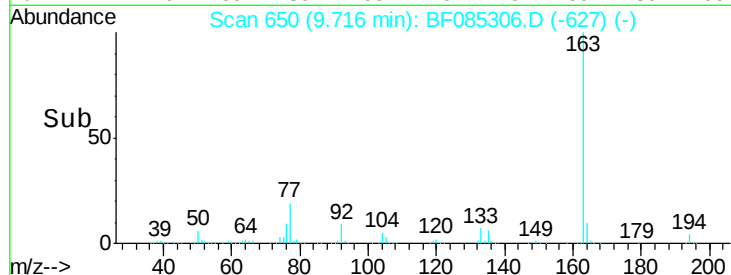
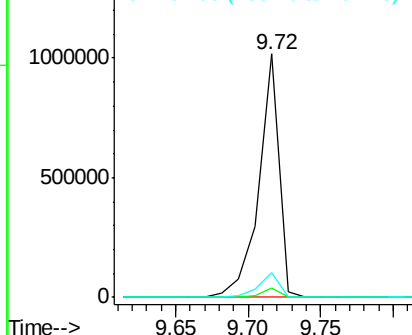
#49
Dimethylphthalate
Concen: 36.91 ng
RT: 9.72 min Scan# 650
Delta R.T. -0.03 min
Lab File: BF085306.D
Acq: 9 Mar 2016 18:41

Instrument :
BNA_F
ClientSampleId :
PB88789BS

Tgt Ion:163 Resp: 985367
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 10.2 8.2 12.4

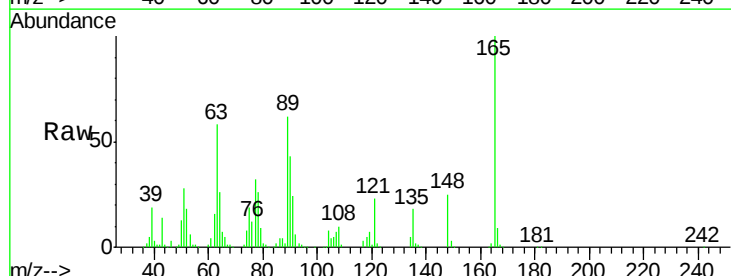


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

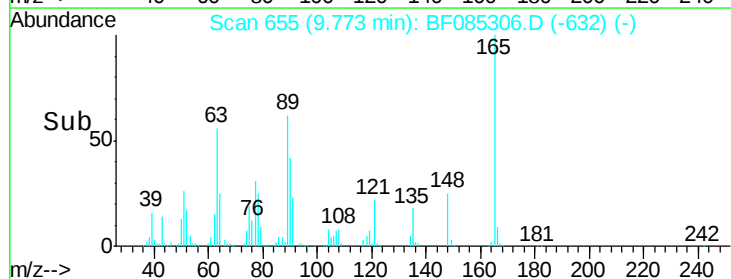
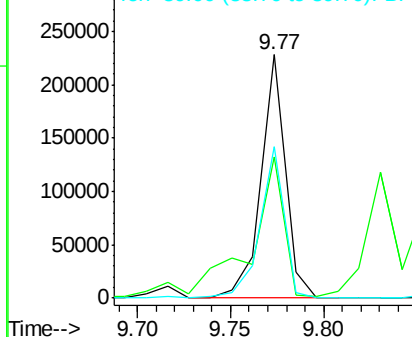


#50
2,6-Dinitrotoluene
Concen: 36.01 ng
RT: 9.77 min Scan# 655
Delta R.T. -0.03 min
Lab File: BF085306.D
Acq: 9 Mar 2016 18:41

Tgt Ion:165 Resp: 205624
Ion Ratio Lower Upper
165 100
63 58.1 41.8 62.8
89 62.4 46.7 70.1



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





#51

Acenaphthene

Concen: 33.90 ng

RT: 10.02 min Scan# 677

Delta R.T. -0.03 min

Lab File: BF085306.D

Acq: 9 Mar 2016 18:41

Instrument :

BNA_F

ClientSampleId :

PB88789BS

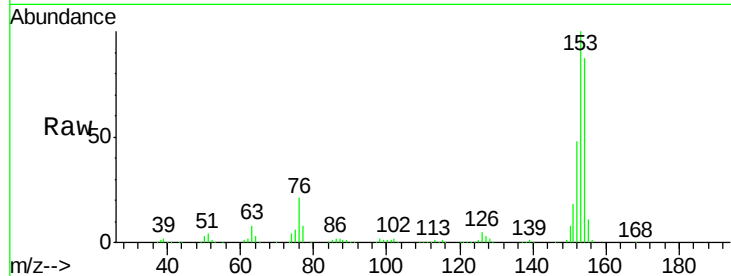
Tgt Ion:154 Resp: 725656

Ion Ratio Lower Upper

154 100

153 114.6 89.8 134.8

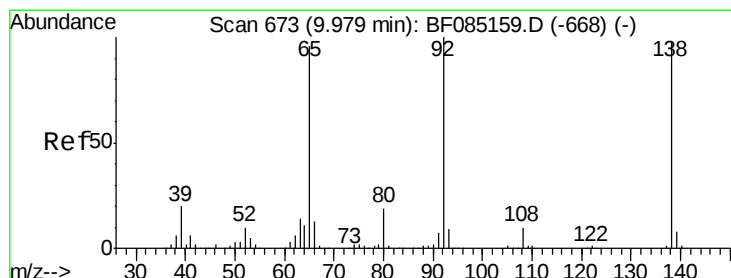
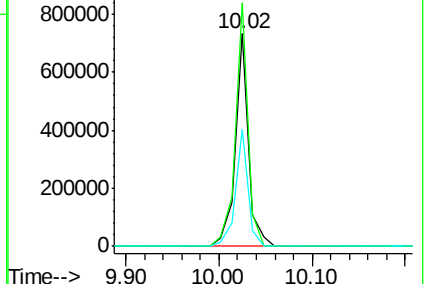
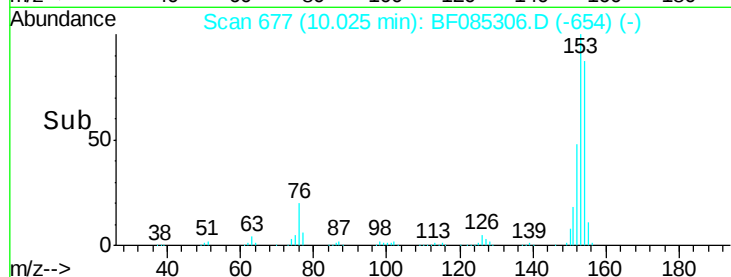
152 55.2 44.6 66.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 27.01 ng

RT: 9.94 min Scan# 670

Delta R.T. -0.03 min

Lab File: BF085306.D

Acq: 9 Mar 2016 18:41

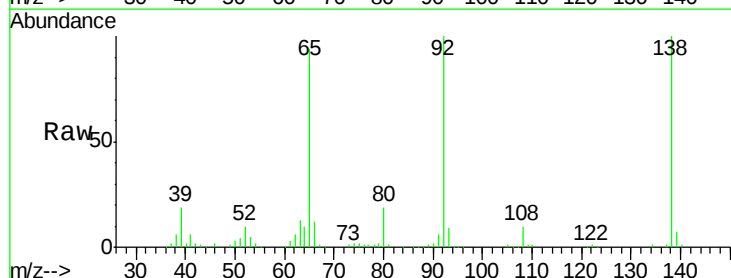
Tgt Ion:138 Resp: 184535

Ion Ratio Lower Upper

138 100

108 9.9 7.8 11.6

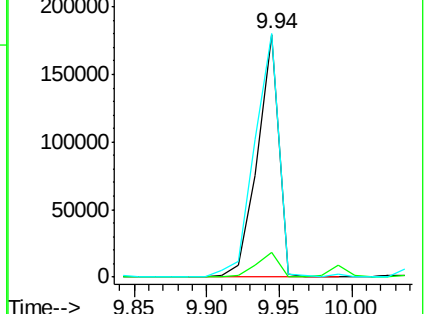
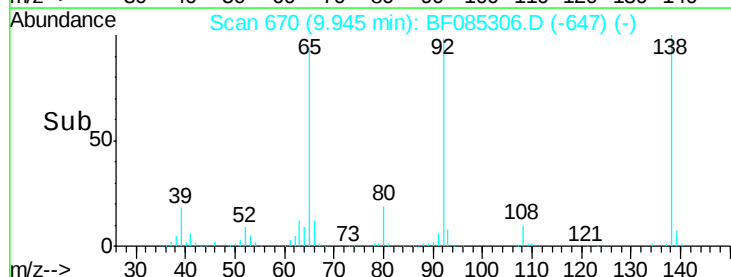
92 100.2 81.3 121.9

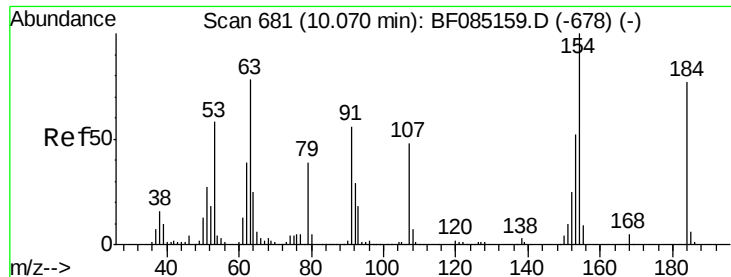


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

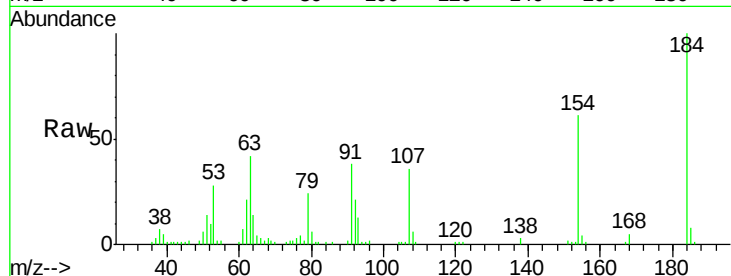




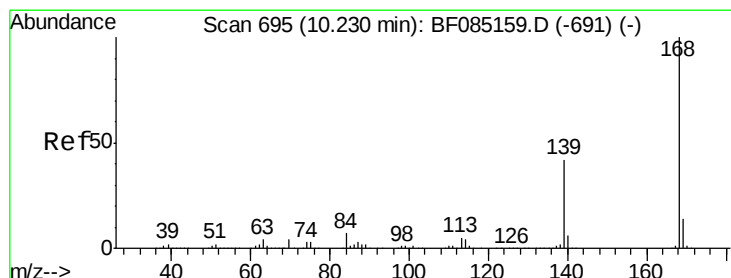
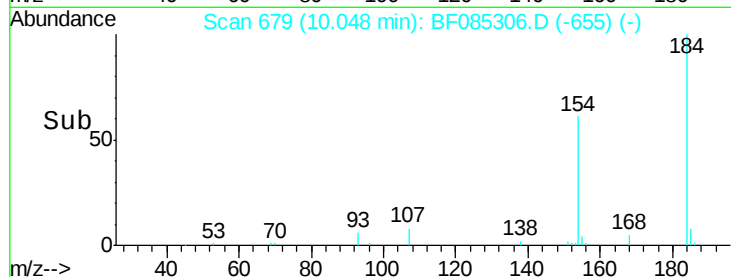
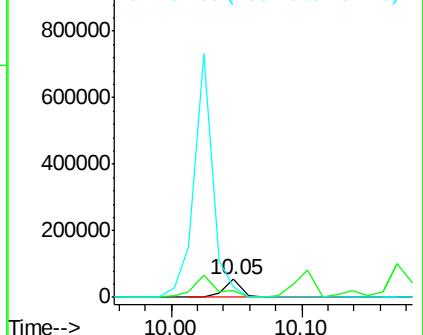
#53
2,4-Dinitrophenol
Concen: 23.17 ng
RT: 10.05 min Scan# 679
Delta R.T. -0.02 min
Lab File: BF085306.D
Acq: 9 Mar 2016 18:41

Instrument :
BNA_F
ClientSampleId :
PB88789BS

Tgt Ion:184 Resp: 48780
Ion Ratio Lower Upper
184 100
63 41.6 82.2 123.4#
154 60.9 108.9 163.3#

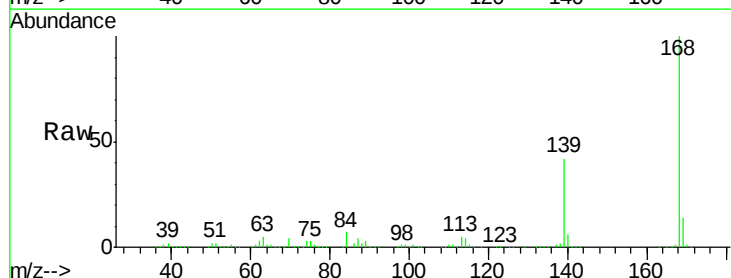


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

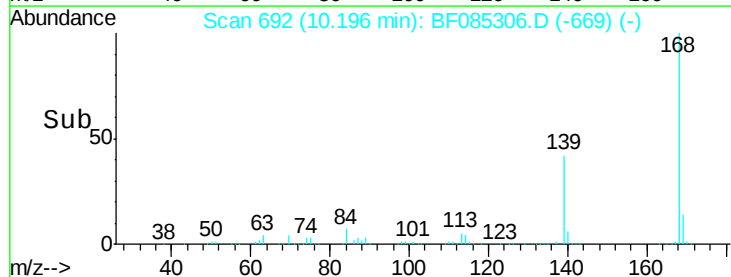
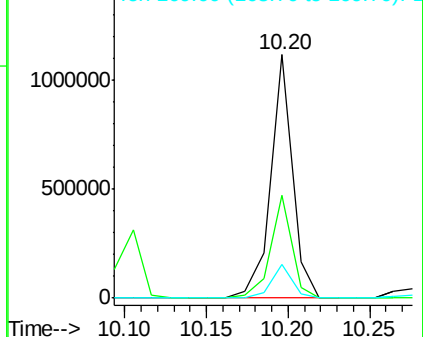


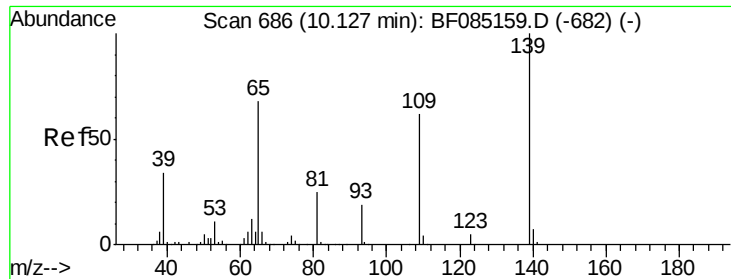
#54
Dibenzofuran
Concen: 37.35 ng
RT: 10.20 min Scan# 692
Delta R.T. -0.03 min
Lab File: BF085306.D
Acq: 9 Mar 2016 18:41

Tgt Ion:168 Resp: 1047407
Ion Ratio Lower Upper
168 100
139 42.1 33.6 50.4
169 13.7 11.2 16.8



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

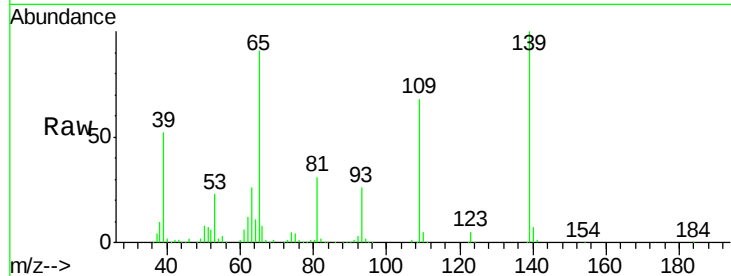




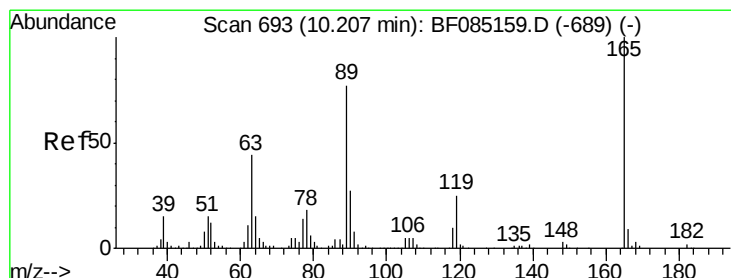
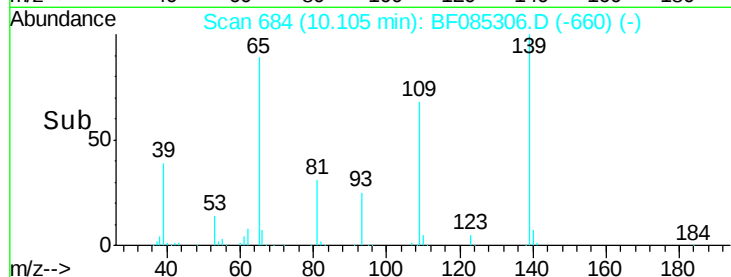
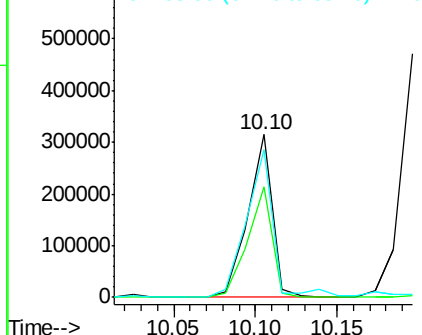
#55
4-Nitrophenol
Concen: 60.84 ng
RT: 10.10 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF085306.D
Acq: 9 Mar 2016 18:41

Instrument :
BNA_F
ClientSampleId :
PB88789BS

Tgt Ion:139 Resp: 326665
Ion Ratio Lower Upper
139 100
109 67.6 41.9 81.9
65 90.6 48.3 88.3#

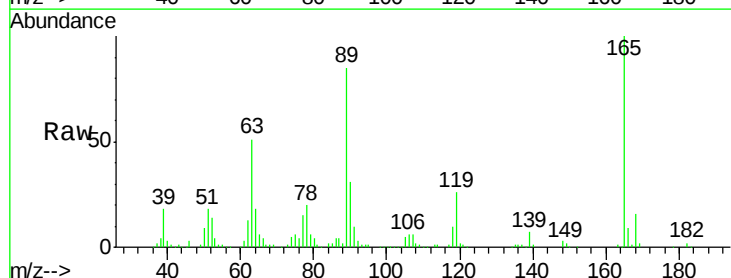


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

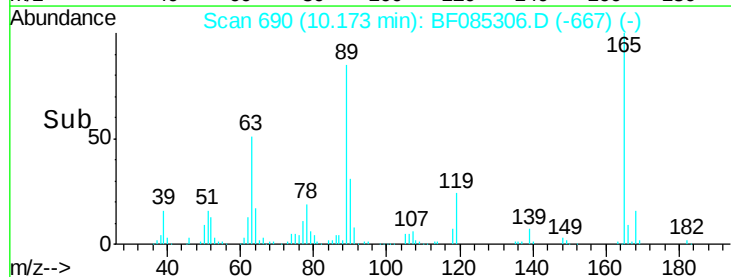
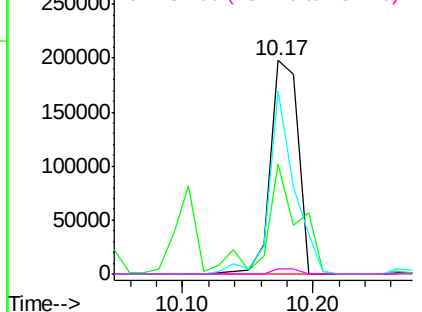


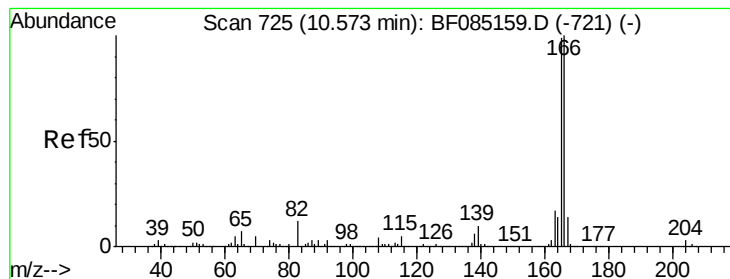
#56
2,4-Dinitrotoluene
Concen: 39.19 ng
RT: 10.17 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF085306.D
Acq: 9 Mar 2016 18:41

Tgt Ion:165 Resp: 286407
Ion Ratio Lower Upper
165 100
63 51.3 35.4 53.0
89 85.4 61.9 92.9
182 2.4 1.9 2.9



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 35.66 ng

RT: 10.54 min Scan# 722

Delta R.T. -0.03 min

Lab File: BF085306.D

Acq: 9 Mar 2016 18:41

Instrument :

BNA_F

ClientSampleId :

PB88789BS

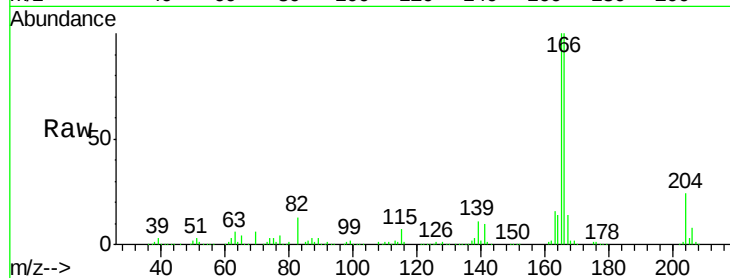
Tgt Ion:166 Resp: 785517

Ion Ratio Lower Upper

166 100

165 100.5 79.4 119.0

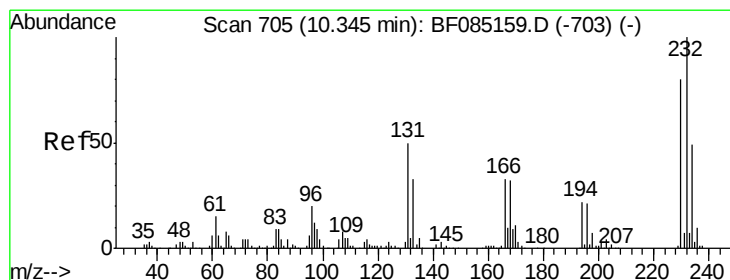
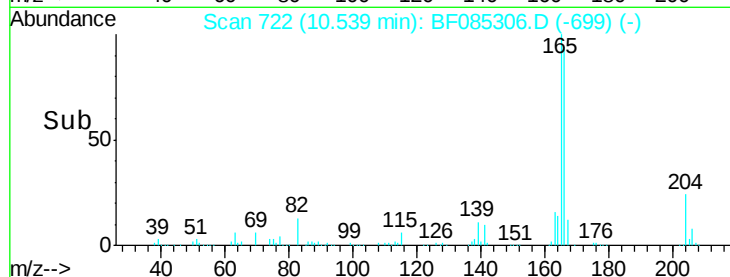
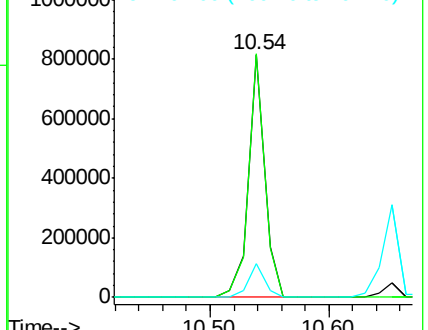
167 13.8 11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.71 ng

RT: 10.31 min Scan# 702

Delta R.T. -0.03 min

Lab File: BF085306.D

Acq: 9 Mar 2016 18:41

Tgt Ion:232 Resp: 185968

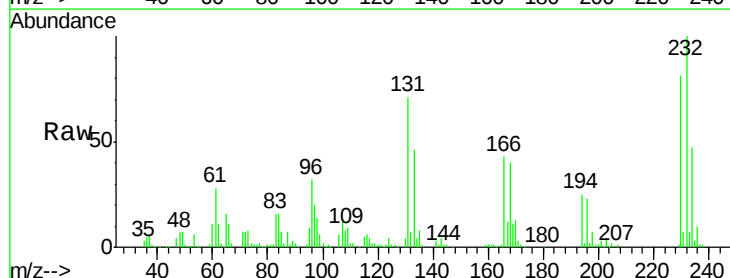
Ion Ratio Lower Upper

232 100

131 54.4 46.0 69.0

130 2.7 2.2 3.4

166 34.6 28.8 43.2

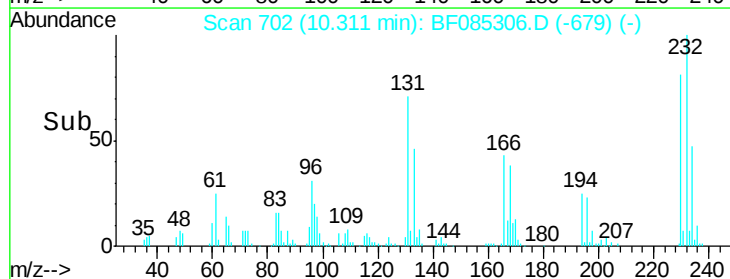
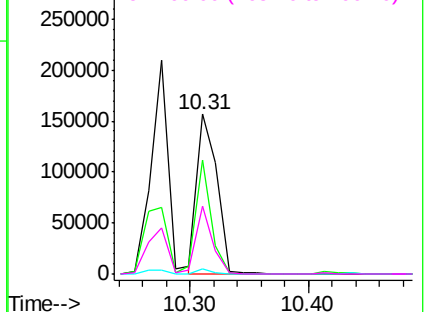


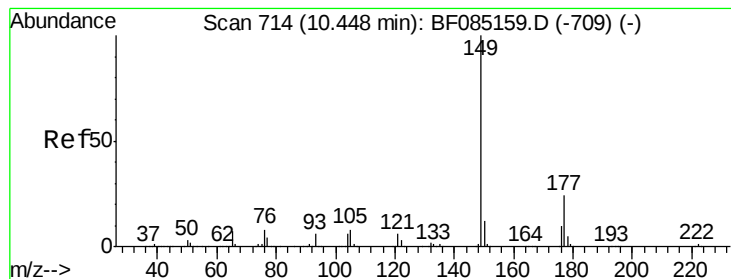
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 35.02 ng

RT: 10.41 min Scan# 711

Delta R.T. -0.03 min

Lab File: BF085306.D

Acq: 9 Mar 2016 18:41

Instrument :

BNA_F

ClientSampleId :

PB88789BS

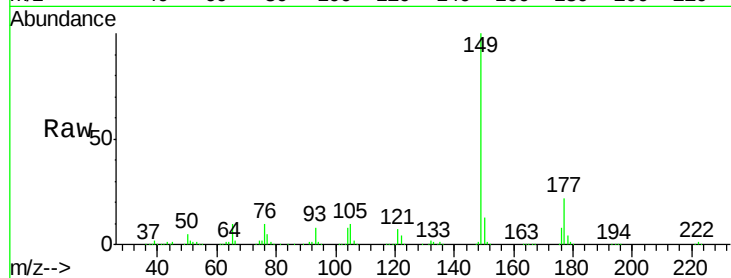
Tgt Ion:149 Resp: 907118

Ion Ratio Lower Upper

149 100

177 21.5 19.2 28.8

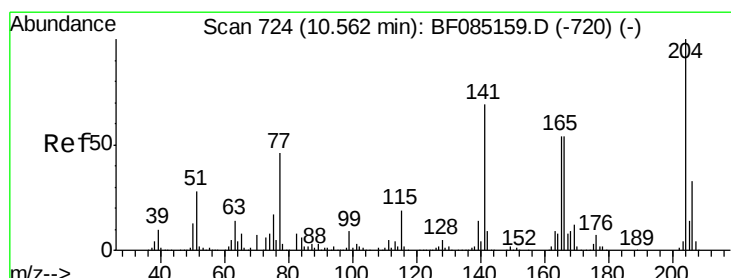
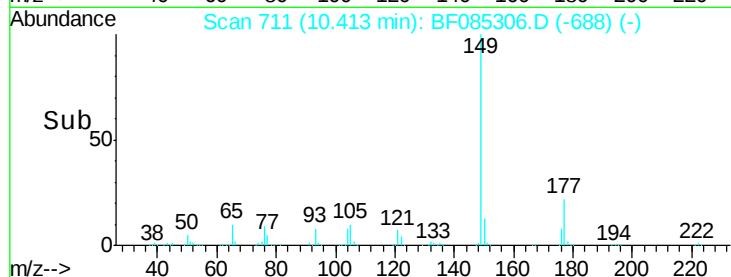
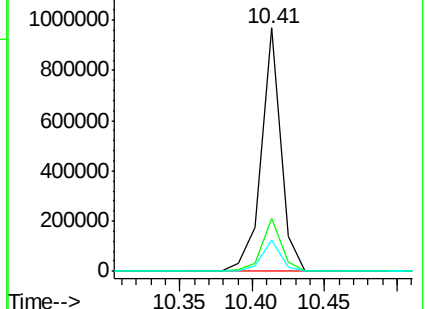
150 12.8 9.9 14.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 35.60 ng

RT: 10.53 min Scan# 721

Delta R.T. -0.03 min

Lab File: BF085306.D

Acq: 9 Mar 2016 18:41

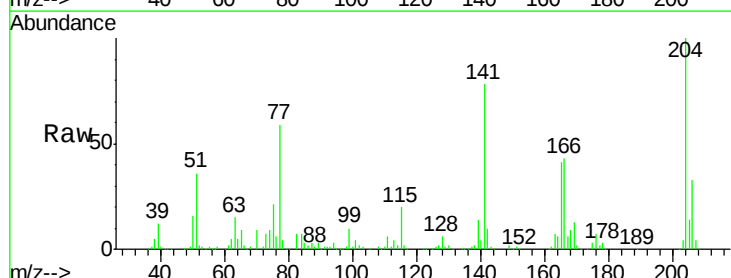
Tgt Ion:204 Resp: 381540

Ion Ratio Lower Upper

204 100

206 32.6 26.5 39.7

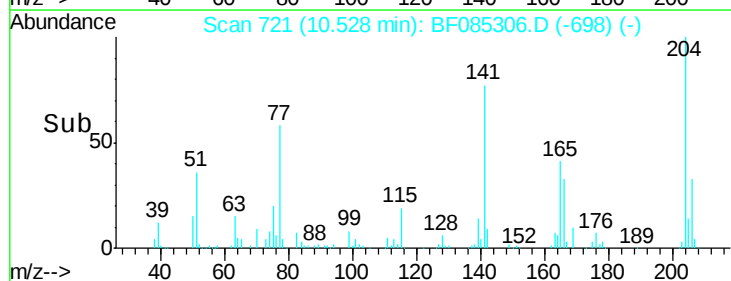
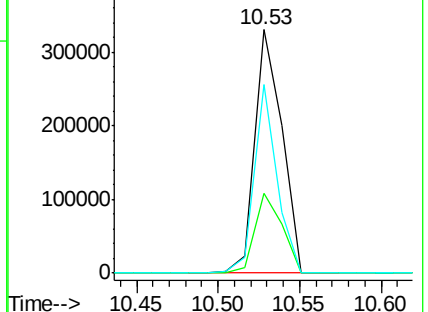
141 77.5 55.4 83.2

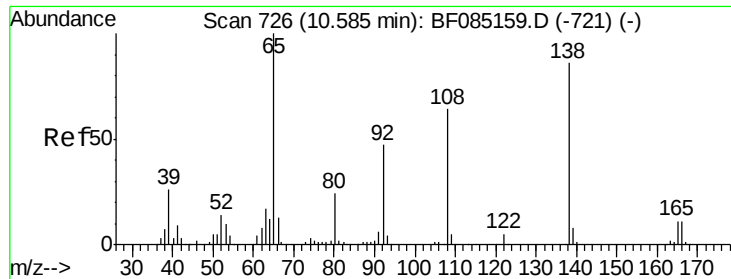


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

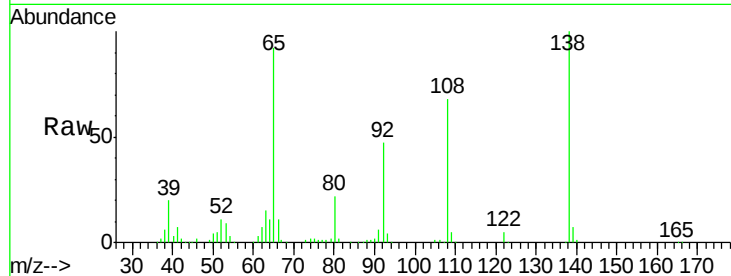




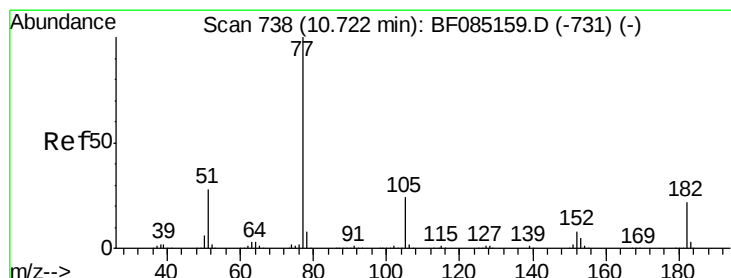
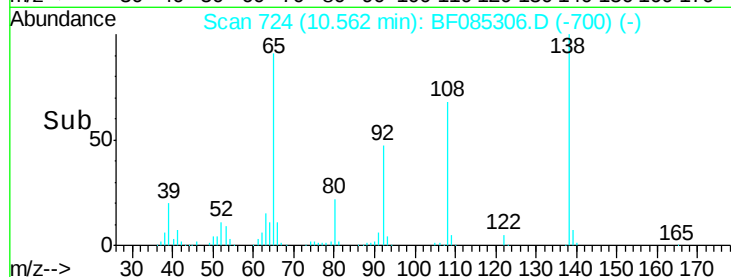
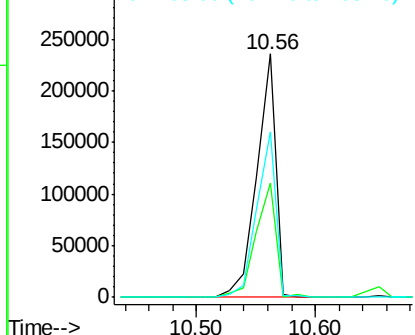
#61
4-Nitroaniline
Concen: 41.43 ng
RT: 10.56 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF085306.D
Acq: 9 Mar 2016 18:41

Instrument :
BNA_F
ClientSampleId :
PB88789BS

Tgt Ion:138 Resp: 264727
Ion Ratio Lower Upper
138 100
92 47.1 34.2 74.2
108 68.0 53.9 93.9

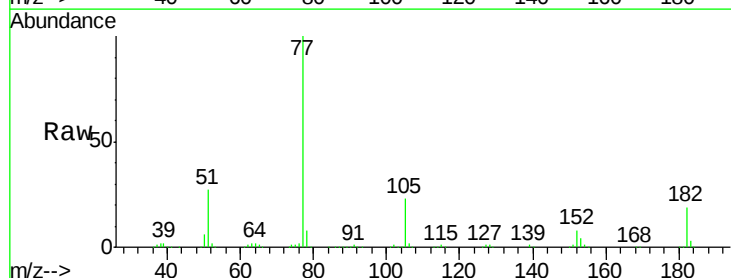


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

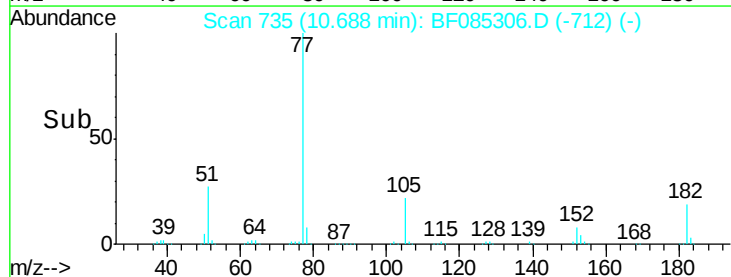
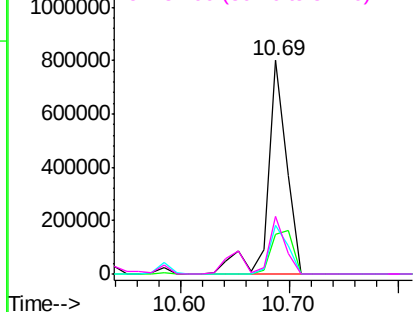


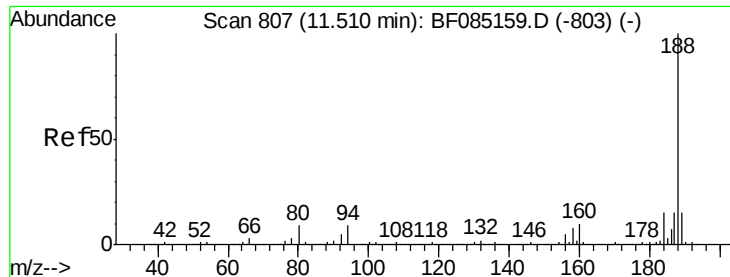
#62
Azobenzene
Concen: 38.06 ng
RT: 10.69 min Scan# 735
Delta R.T. -0.03 min
Lab File: BF085306.D
Acq: 9 Mar 2016 18:41

Tgt Ion: 77 Resp: 971319
Ion Ratio Lower Upper
77 100
182 18.8 2.1 42.1
105 22.6 3.8 43.8
51 27.2 7.8 47.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

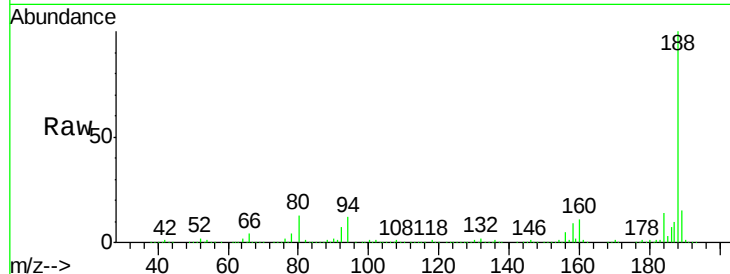




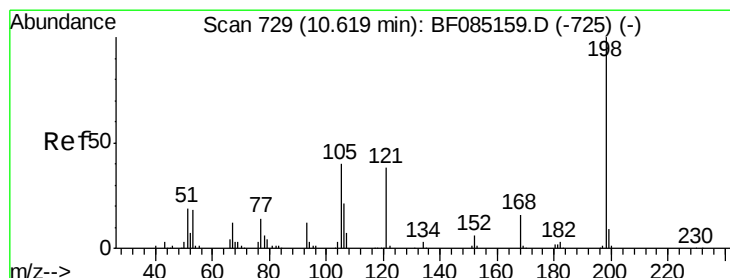
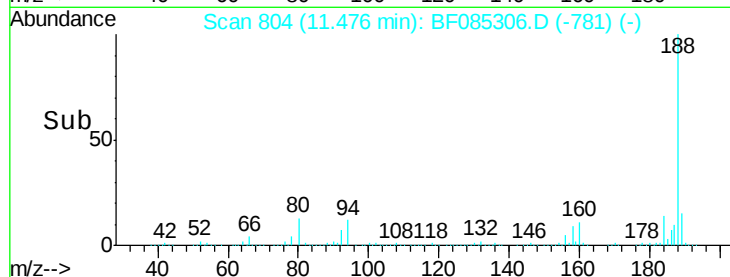
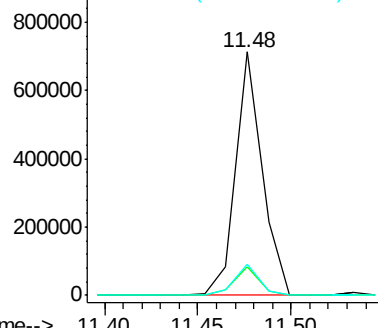
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF085306.D
Acq: 9 Mar 2016 18:41

Instrument :
BNA_F
ClientSampleId :
PB88789BS

Tgt Ion:188 Resp: 698129
Ion Ratio Lower Upper
188 100
94 11.9 7.0 10.6#
80 12.6 7.4 11.0#

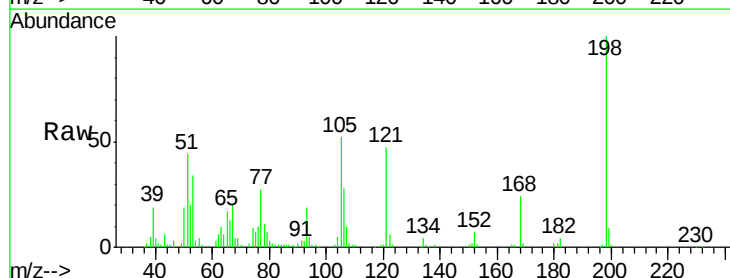


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

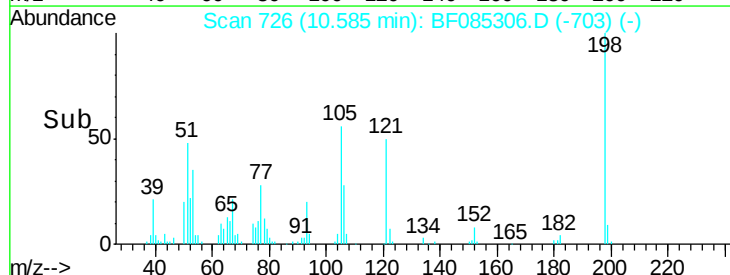
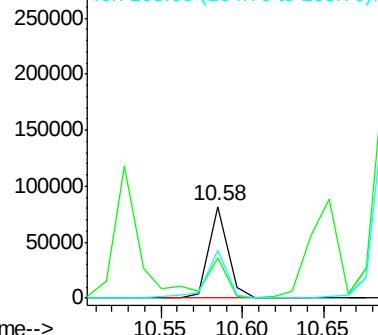


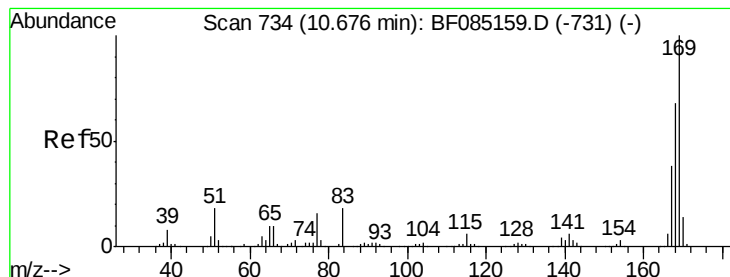
#64
4,6-Dinitro-2-methylphenol
Concen: 15.62 ng
RT: 10.58 min Scan# 726
Delta R.T. -0.03 min
Lab File: BF085306.D
Acq: 9 Mar 2016 18:41

Tgt Ion:198 Resp: 65285
Ion Ratio Lower Upper
198 100
51 44.2 9.5 49.5
105 52.2 20.5 60.5



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

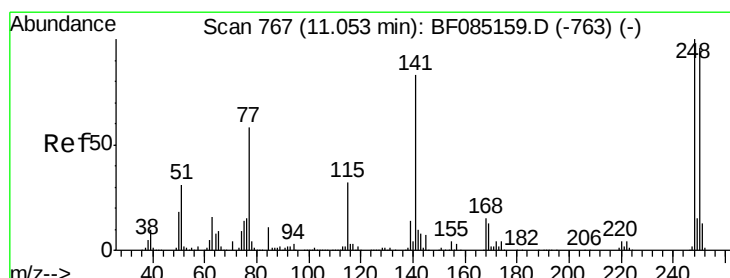
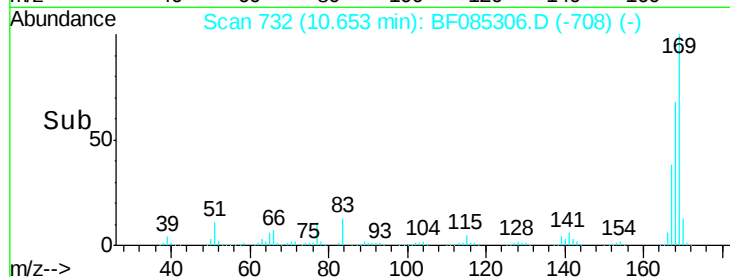
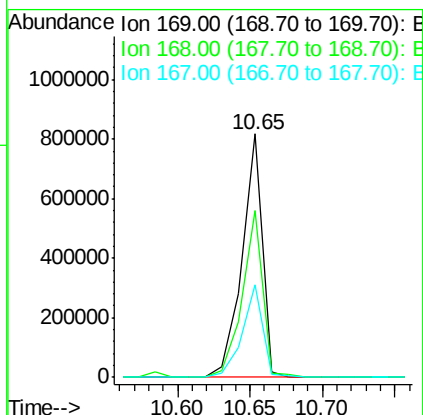
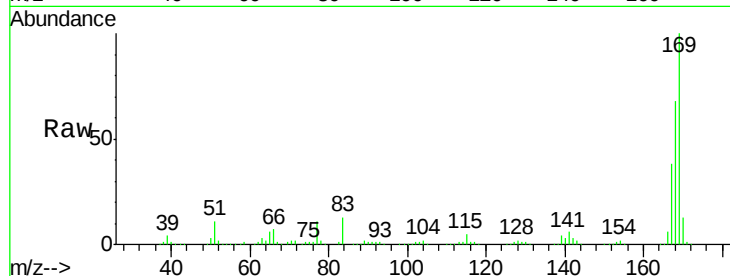




#65
 n-Nitrosodiphenylamine
 Concen: 36.49 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.02 min
 Lab File: BF085306.D
 Acq: 9 Mar 2016 18:41

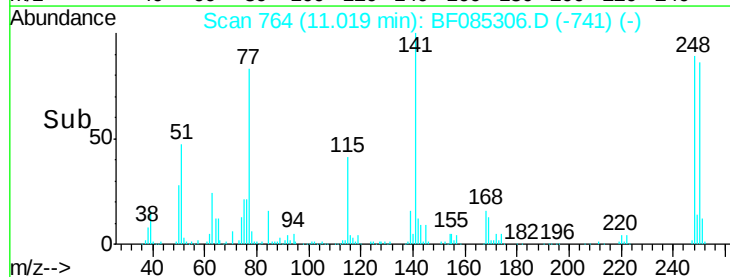
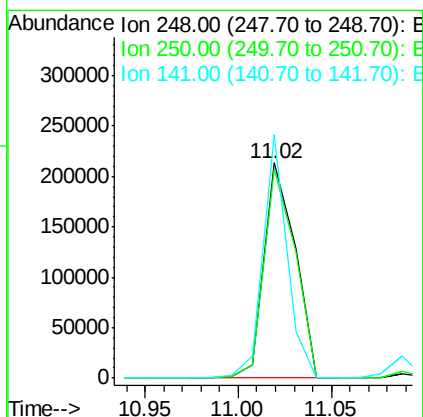
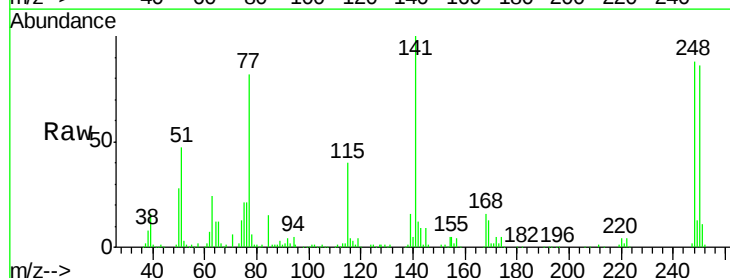
Instrument :
 BNA_F
 ClientSampleId :
 PB88789BS

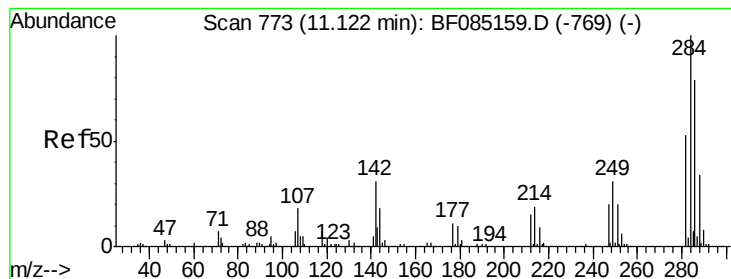
Tgt Ion:169 Resp: 792413
 Ion Ratio Lower Upper
 169 100
 168 68.5 54.8 82.2
 167 37.9 30.3 45.5



#66
 4-Bromophenyl-phenylether
 Concen: 36.08 ng
 RT: 11.02 min Scan# 764
 Delta R.T. -0.03 min
 Lab File: BF085306.D
 Acq: 9 Mar 2016 18:41

Tgt Ion:248 Resp: 244613
 Ion Ratio Lower Upper
 248 100
 250 97.0 77.1 115.7
 141 113.2 66.2 99.2#





#67

Hexachlorobenzene

Concen: 36.01 ng

RT: 11.09 min Scan# 770

Delta R.T. -0.03 min

Lab File: BF085306.D

Acq: 9 Mar 2016 18:41

Instrument :

BNA_F

ClientSampleId :

PB88789BS

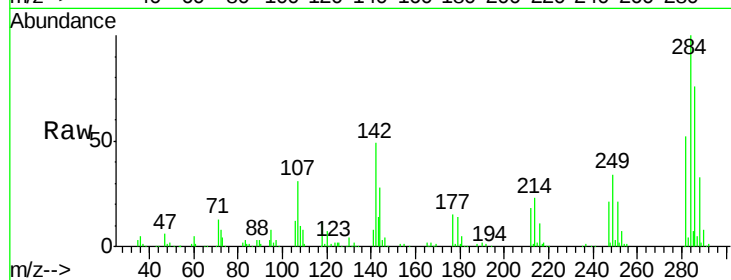
Tgt Ion:284 Resp: 260425

Ion Ratio Lower Upper

284 100

142 48.6 24.9 37.3#

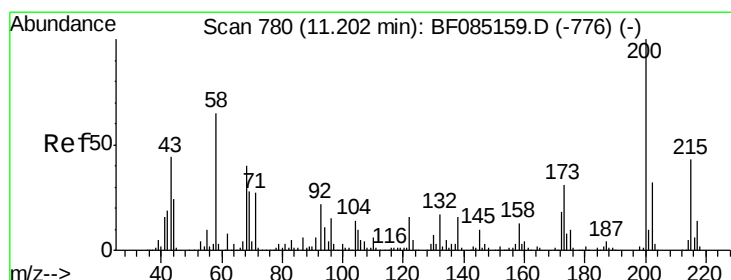
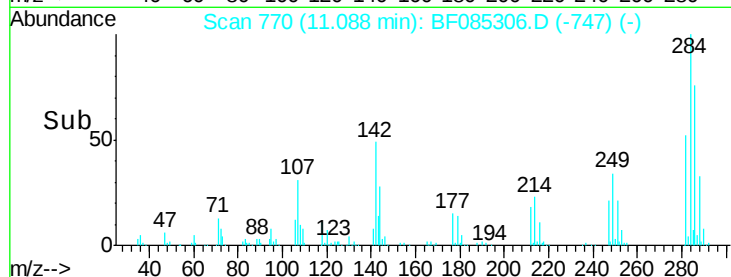
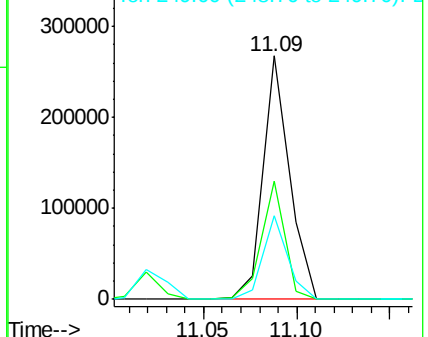
249 34.4 25.0 37.4



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 44.67 ng

RT: 11.18 min Scan# 778

Delta R.T. -0.02 min

Lab File: BF085306.D

Acq: 9 Mar 2016 18:41

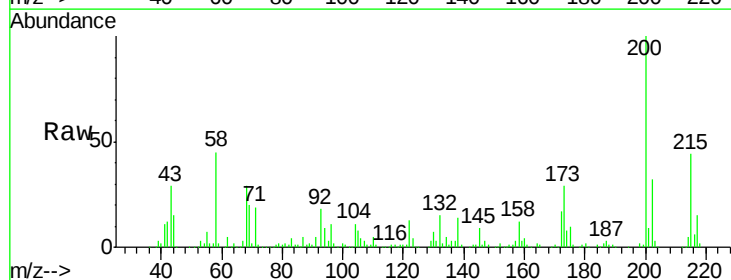
Tgt Ion:200 Resp: 269726

Ion Ratio Lower Upper

200 100

173 28.6 10.5 50.5

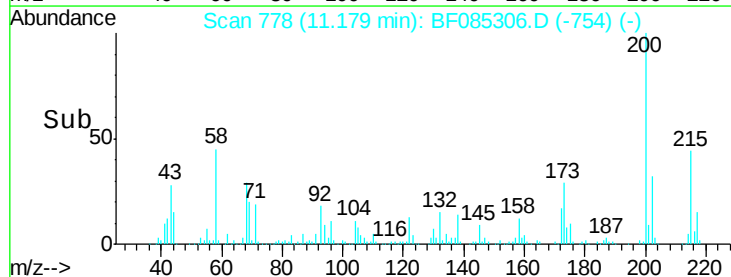
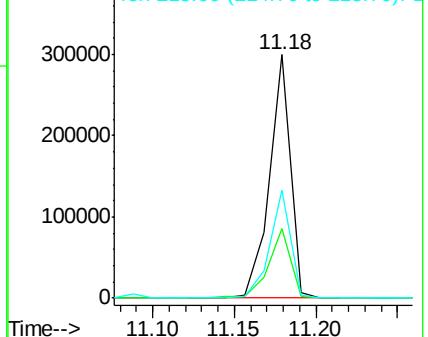
215 44.2 23.4 63.4

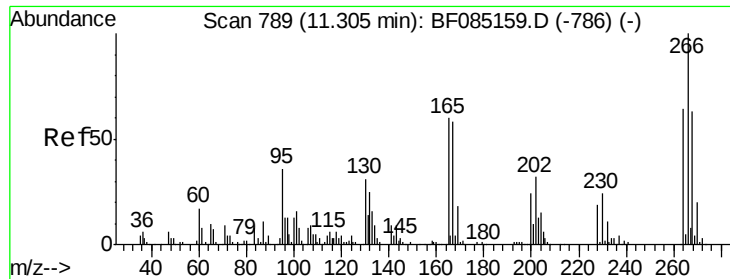


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

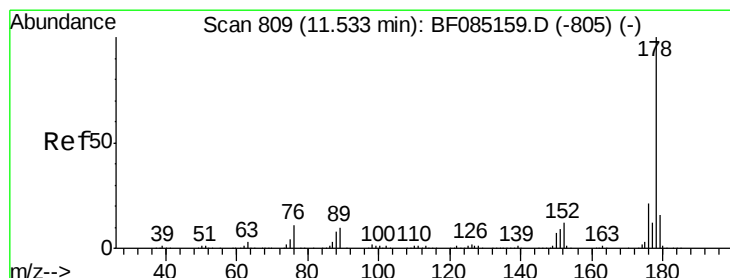
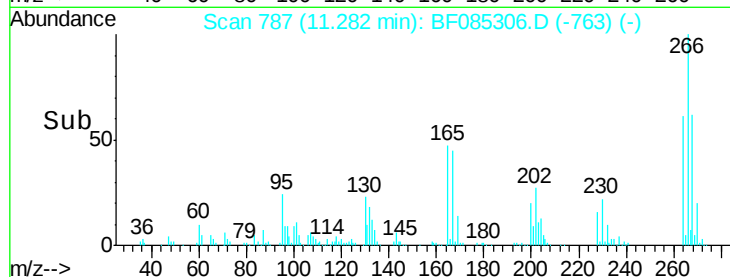
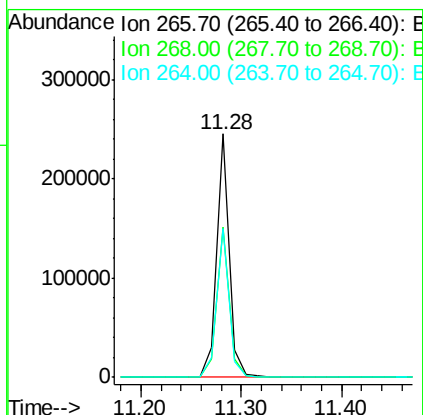
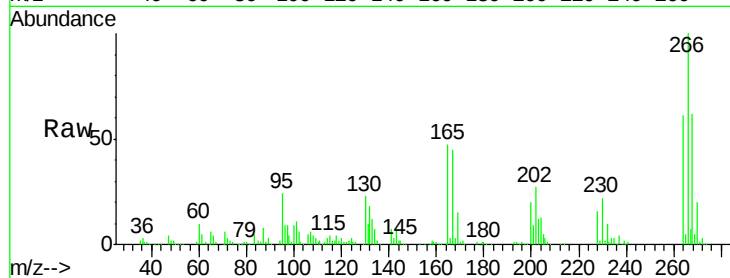




#69
 Pentachlorophenol
 Concen: 52.95 ng
 RT: 11.28 min Scan# 787
 Delta R.T. -0.02 min
 Lab File: BF085306.D
 Acq: 9 Mar 2016 18:41

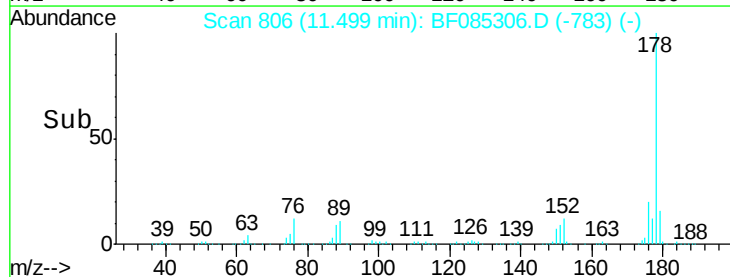
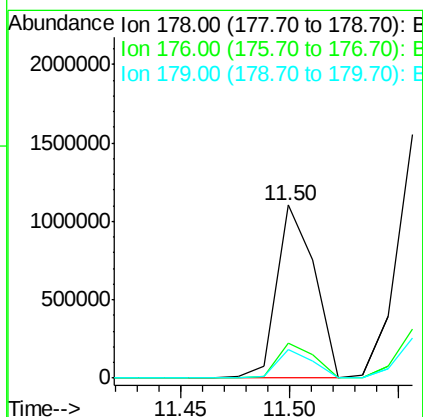
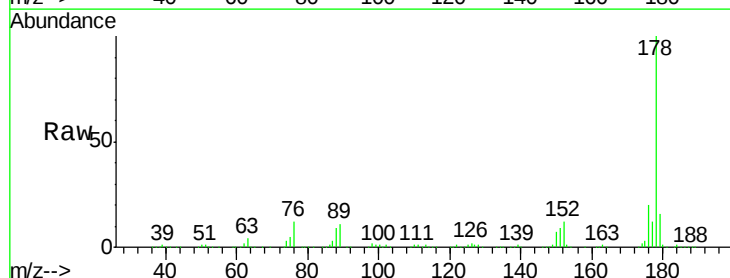
Instrument :
 BNA_F
 ClientSampleId :
 PB88789BS

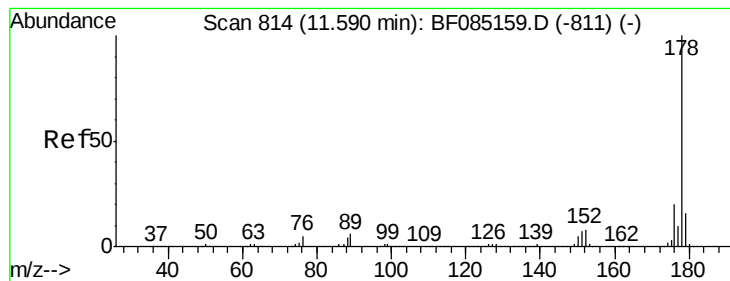
Tgt Ion:266 Resp: 212568
 Ion Ratio Lower Upper
 266 100
 268 61.7 50.0 75.0
 264 61.4 51.4 77.2



#70
 Phenanthrene
 Concen: 36.41 ng
 RT: 11.50 min Scan# 806
 Delta R.T. -0.03 min
 Lab File: BF085306.D
 Acq: 9 Mar 2016 18:41

Tgt Ion:178 Resp: 1331943
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.8 25.2
 179 16.2 13.1 19.7





#71

Anthracene

Concen: 36.03 ng

RT: 11.56 min Scan# 811

Delta R.T. -0.03 min

Lab File: BF085306.D

Acq: 9 Mar 2016 18:41

Instrument :

BNA_F

ClientSampleId :

PB88789BS

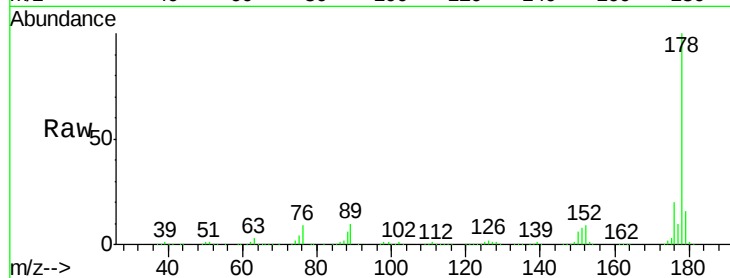
Tgt Ion:178 Resp: 1399482

Ion Ratio Lower Upper

178 100

176 20.4 15.9 23.9

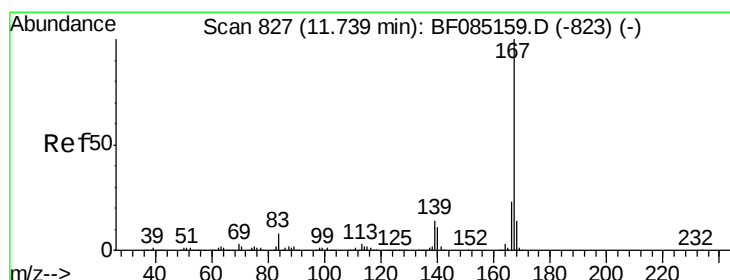
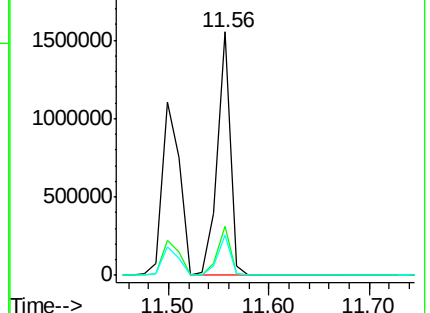
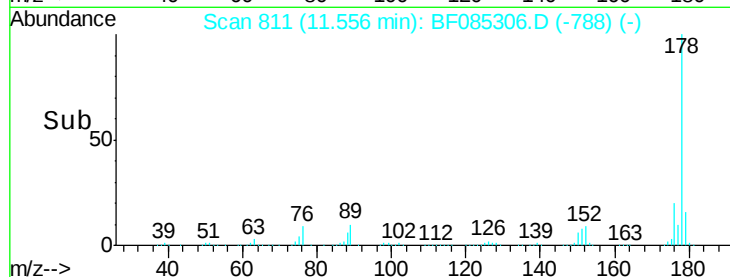
179 16.4 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 34.92 ng

RT: 11.70 min Scan# 824

Delta R.T. -0.03 min

Lab File: BF085306.D

Acq: 9 Mar 2016 18:41

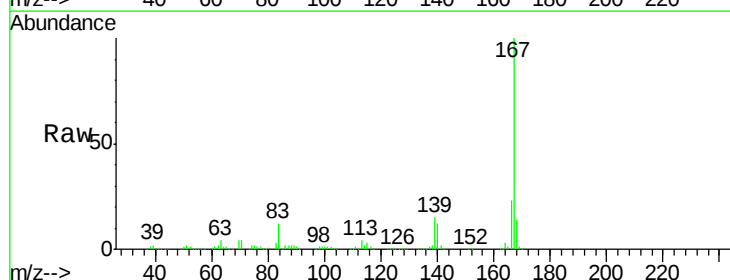
Tgt Ion:167 Resp: 1189306

Ion Ratio Lower Upper

167 100

166 22.5 18.2 27.2

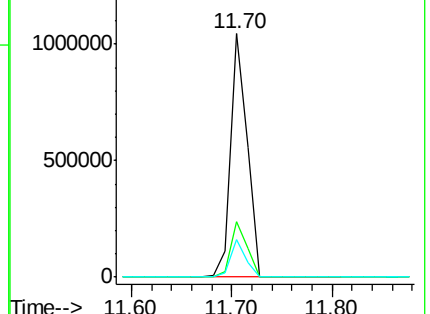
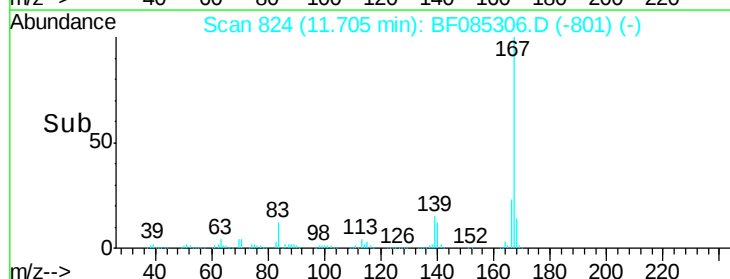
139 15.4 11.4 17.0

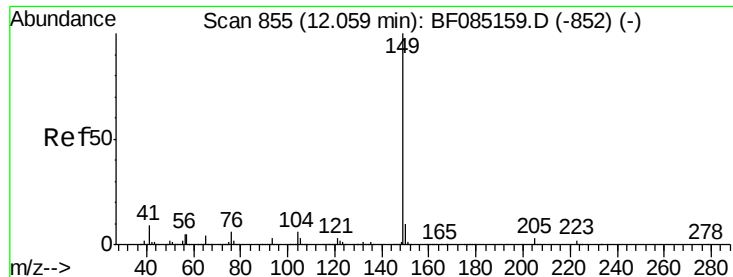


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 33.32 ng

RT: 12.04 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF085306.D

Acq: 9 Mar 2016 18:41

Instrument :

BNA_F

ClientSampleId :

PB88789BS

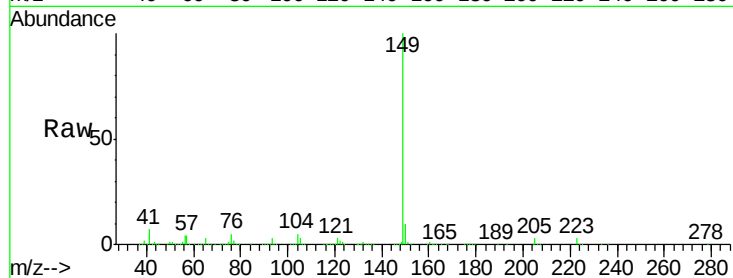
Tgt Ion:149 Resp: 1434236

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

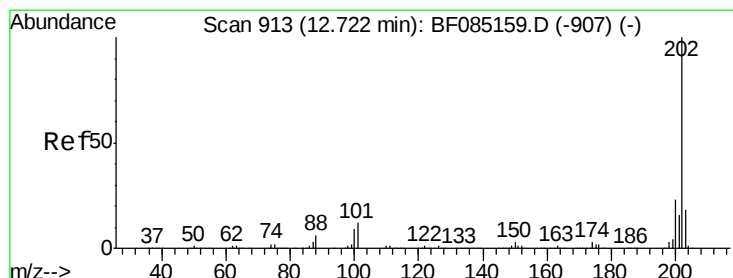
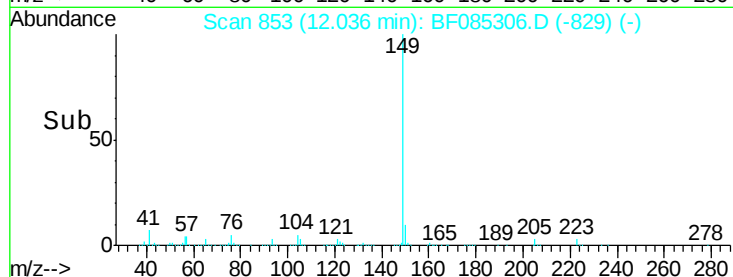
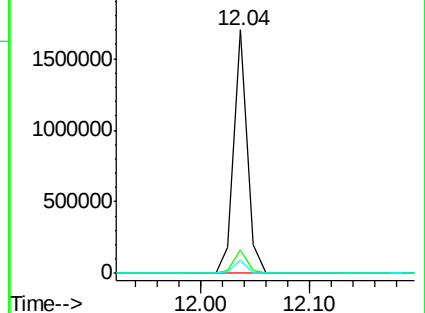
104 5.3 4.7 7.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.29 ng

RT: 12.69 min Scan# 910

Delta R.T. -0.03 min

Lab File: BF085306.D

Acq: 9 Mar 2016 18:41

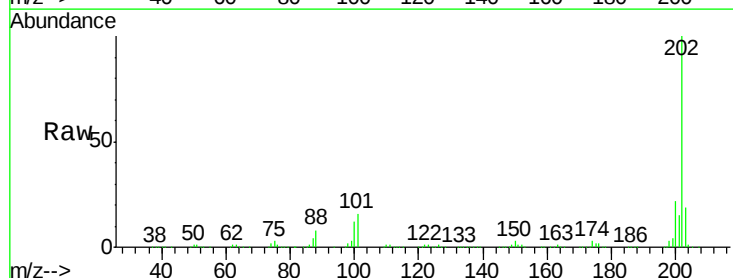
Tgt Ion:202 Resp: 1295571

Ion Ratio Lower Upper

202 100

101 15.9 0.0 31.8

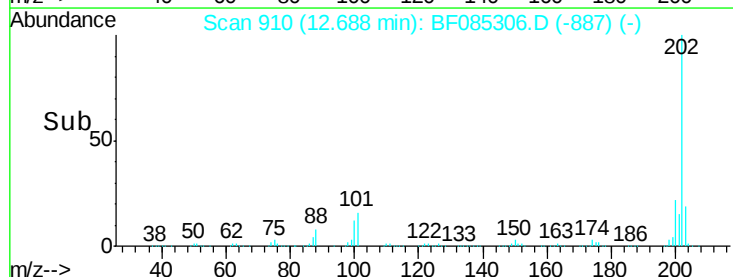
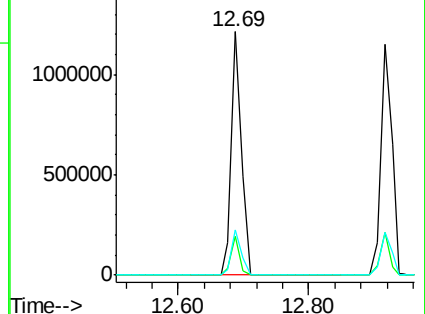
203 18.6 0.0 38.4

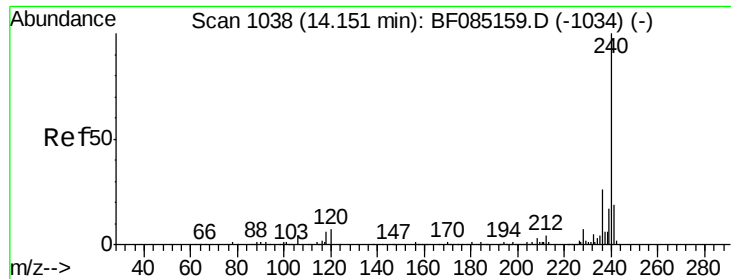


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1035

Delta R.T. -0.03 min

Lab File: BF085306.D

Acq: 9 Mar 2016 18:41

Instrument :

BNA_F

ClientSampleId :

PB88789BS

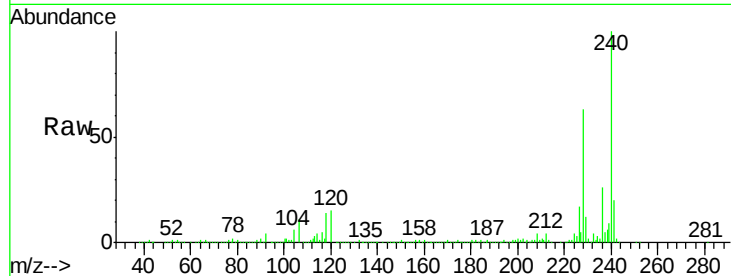
Tgt Ion:240 Resp: 477579

Ion Ratio Lower Upper

240 100

120 15.4 5.3 7.9#

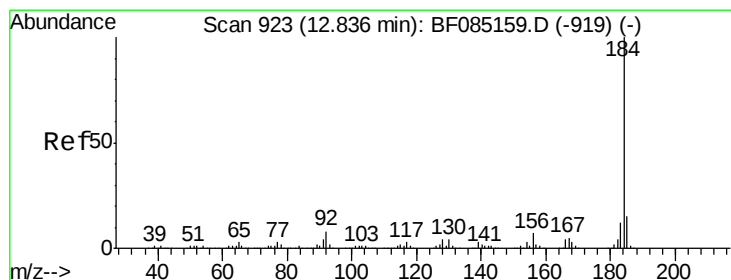
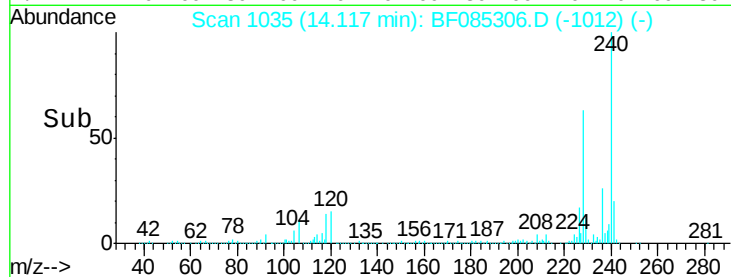
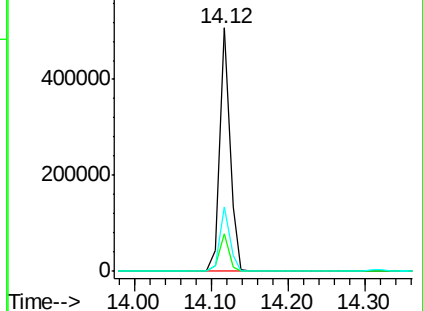
236 26.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 34.54 ng

RT: 12.81 min Scan# 921

Delta R.T. -0.02 min

Lab File: BF085306.D

Acq: 9 Mar 2016 18:41

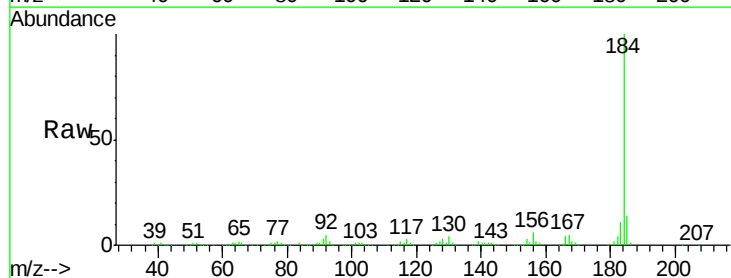
Tgt Ion:184 Resp: 490998

Ion Ratio Lower Upper

184 100

185 14.1 12.4 18.6

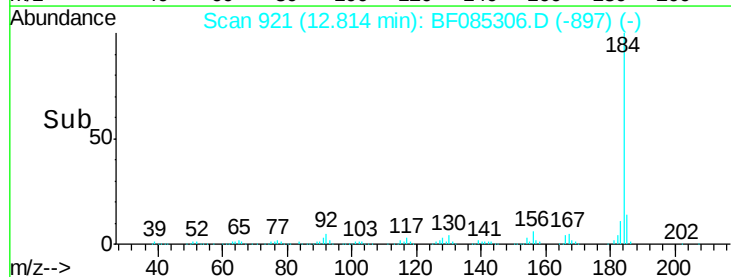
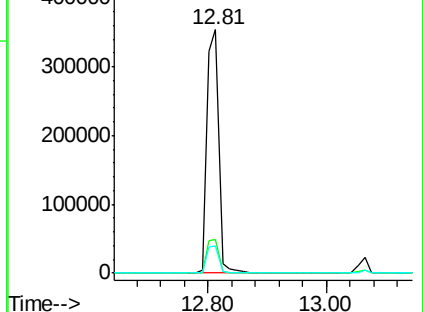
183 11.0 9.4 14.2

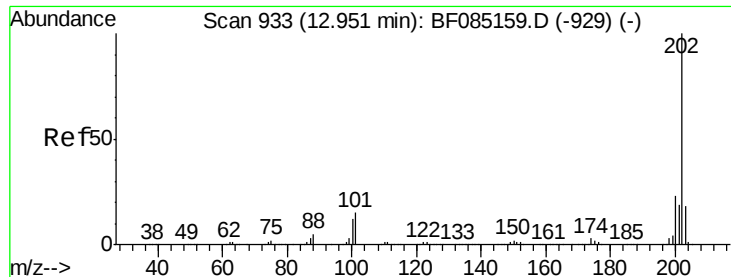


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

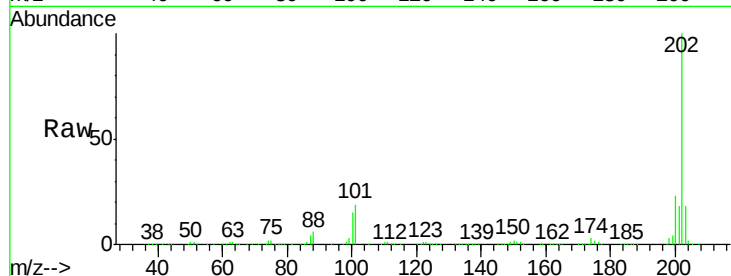




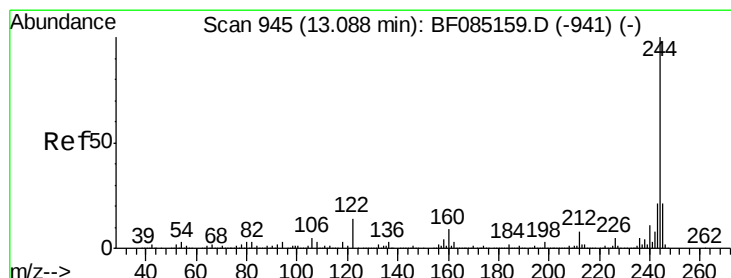
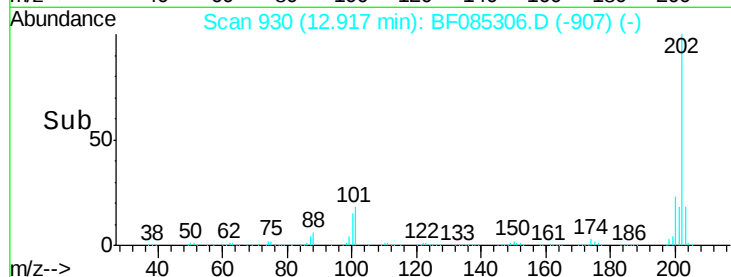
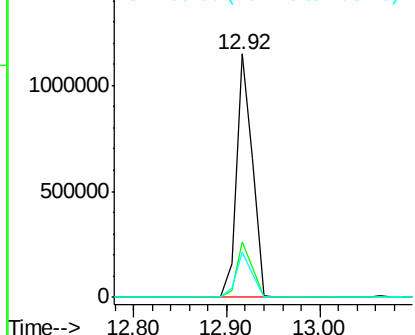
#77
 Pyrene
 Concen: 37.73 ng
 RT: 12.92 min Scan# 930
 Delta R.T. -0.03 min
 Lab File: BF085306.D
 Acq: 9 Mar 2016 18:41

Instrument :
 BNA_F
 ClientSampleId :
 PB88789BS

Tgt Ion:202 Resp: 1356113
 Ion Ratio Lower Upper
 202 100
 200 22.7 18.2 27.4
 203 18.5 14.7 22.1

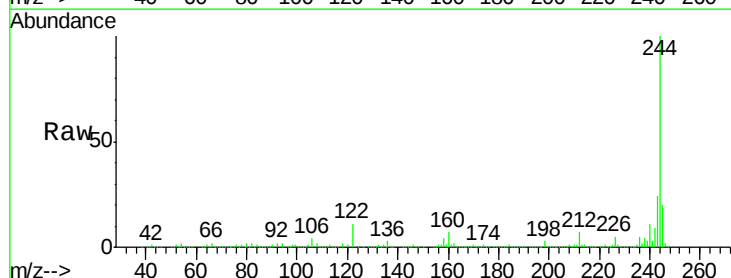


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

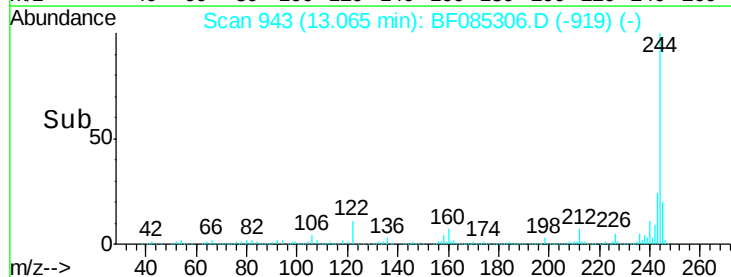
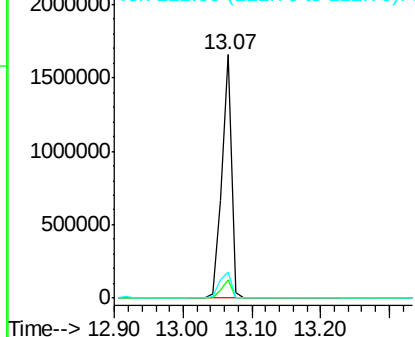


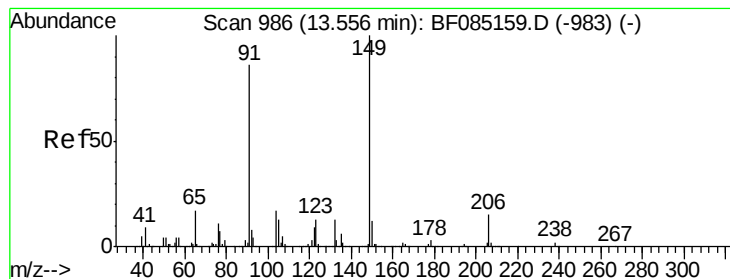
#78
 Terphenyl-d14
 Concen: 79.81 ng
 RT: 13.07 min Scan# 943
 Delta R.T. -0.02 min
 Lab File: BF085306.D
 Acq: 9 Mar 2016 18:41

Tgt Ion:244 Resp: 1641953
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.4 9.6
 122 10.9 11.4 17.2#



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





#79

Butylbenzylphthalate

Concen: 36.60 ng

RT: 13.53 min Scan# 984

Delta R.T. -0.02 min

Lab File: BF085306.D

Acq: 9 Mar 2016 18:41

Instrument :

BNA_F

ClientSampleId :

PB88789BS

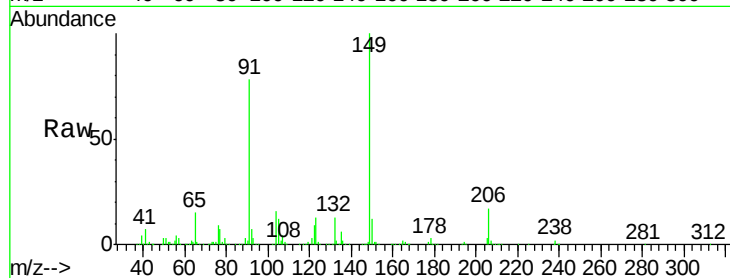
Tgt Ion:149 Resp: 596891

Ion Ratio Lower Upper

149 100

91 78.3 69.0 103.4

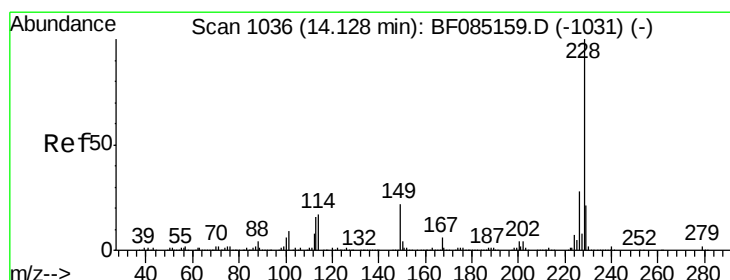
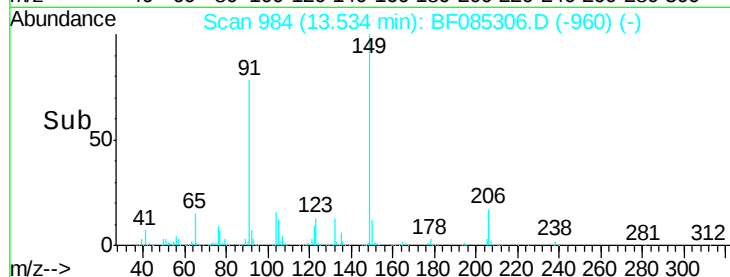
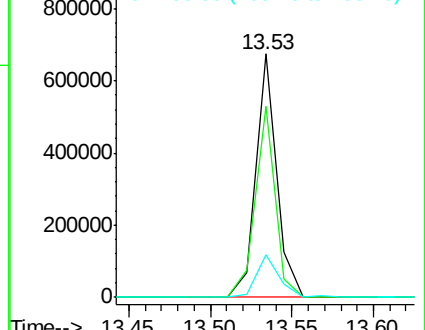
206 17.3 12.3 18.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 35.31 ng

RT: 14.11 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF085306.D

Acq: 9 Mar 2016 18:41

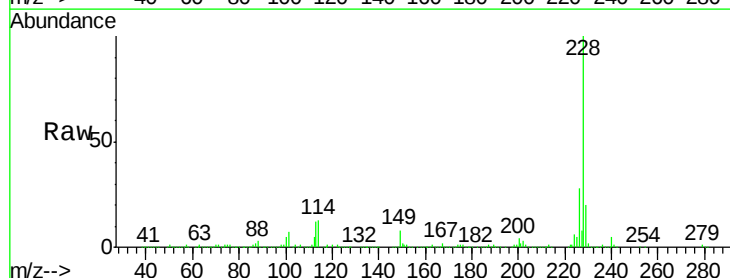
Tgt Ion:228 Resp: 1009421

Ion Ratio Lower Upper

228 100

226 27.6 22.8 34.2

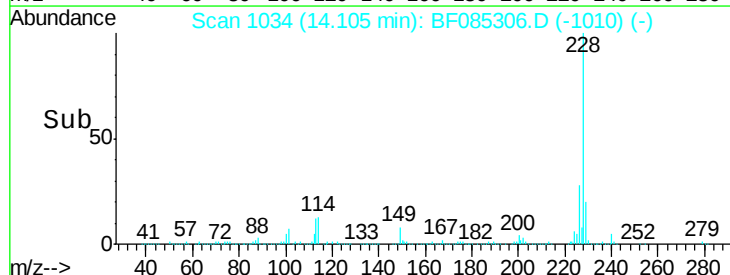
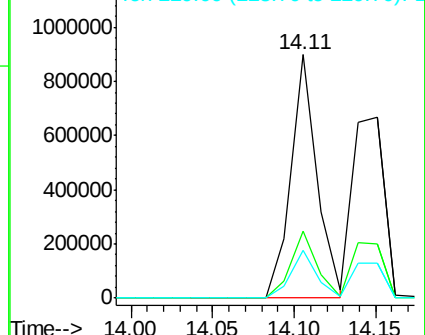
229 19.8 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

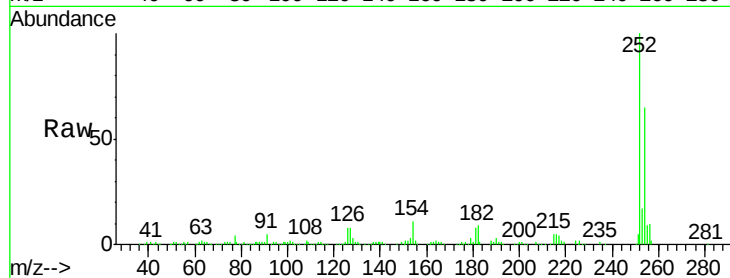




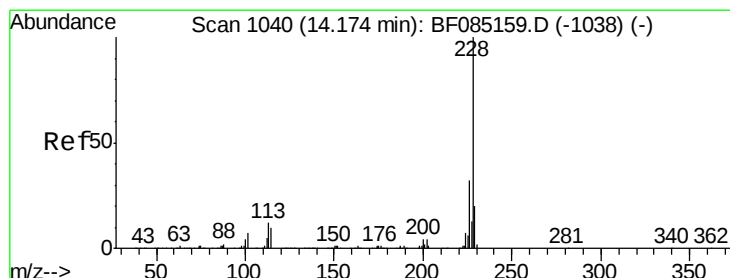
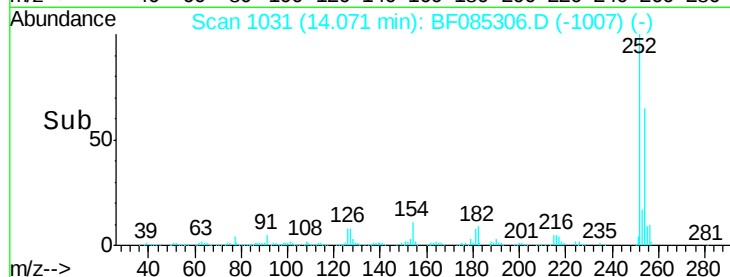
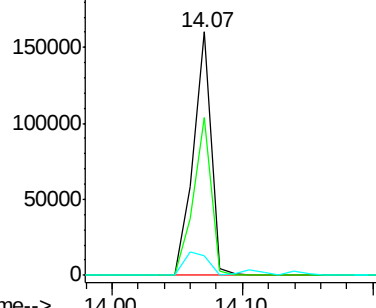
#81
 3,3'-Dichlorobenzidine
 Concen: 17.14 ng
 RT: 14.07 min Scan# 1031
 Delta R.T. -0.02 min
 Lab File: BF085306.D
 Acq: 9 Mar 2016 18:41

Instrument :
 BNA_F
 ClientSampleId :
 PB88789BS

Tgt Ion:252 Resp: 154599
 Ion Ratio Lower Upper
 252 100
 254 64.8 51.4 77.0
 126 8.2 12.9 19.3#

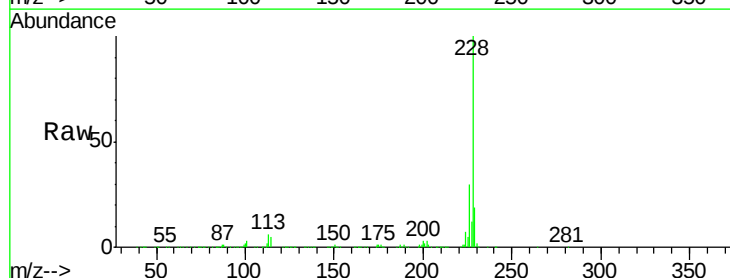


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

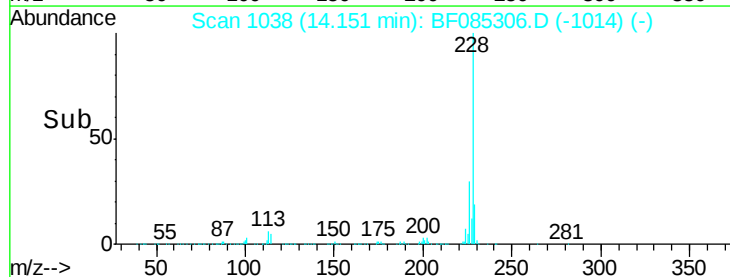
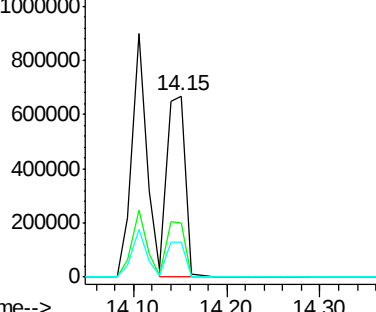


#82
 Chrysene
 Concen: 34.84 ng
 RT: 14.15 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BF085306.D
 Acq: 9 Mar 2016 18:41

Tgt Ion:228 Resp: 920241
 Ion Ratio Lower Upper
 228 100
 226 29.9 25.2 37.8
 229 19.4 16.0 24.0



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

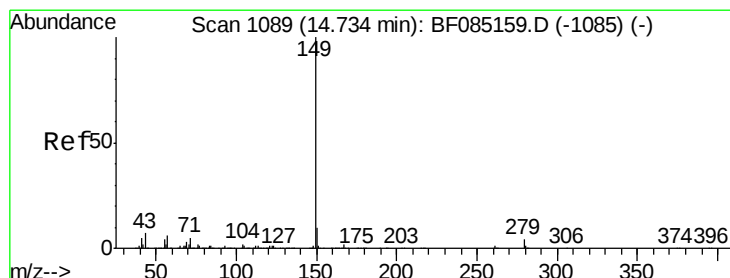
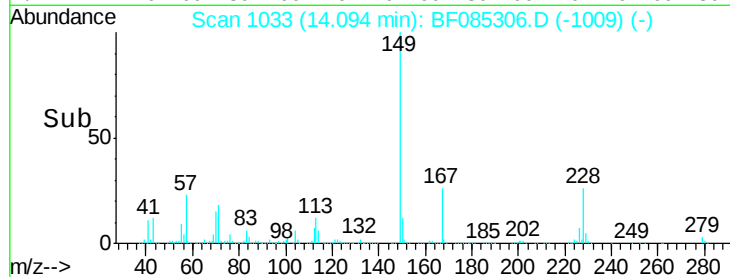
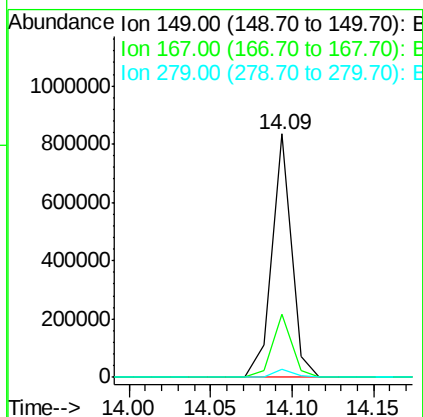
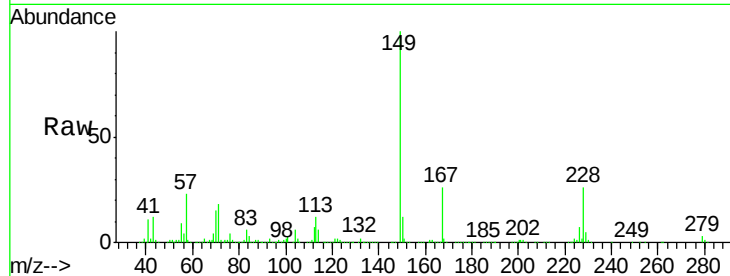




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 32.76 ng
 RT: 14.09 min Scan# 1033
 Delta R.T. -0.02 min
 Lab File: BF085306.D
 Acq: 9 Mar 2016 18:41

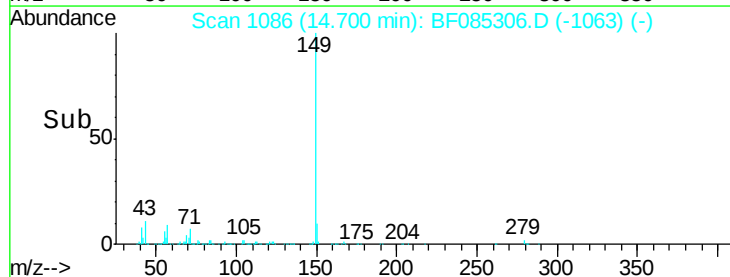
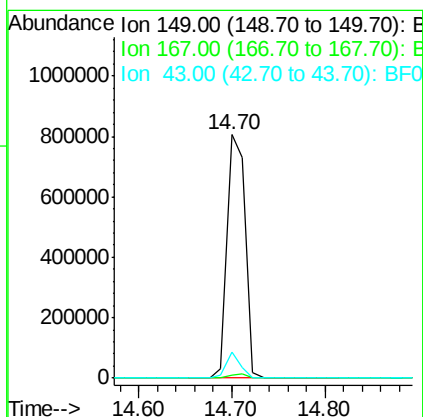
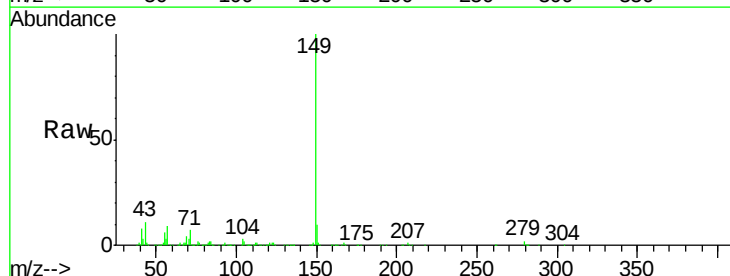
Instrument :
 BNA_F
 ClientSampleId :
 PB88789BS

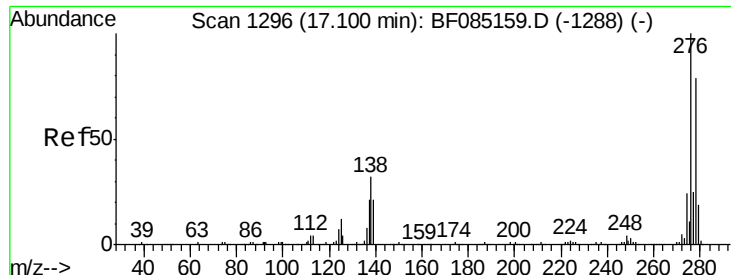
Tgt Ion:149 Resp: 703215
 Ion Ratio Lower Upper
 149 100
 167 26.2 20.3 30.5
 279 3.2 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 33.27 ng
 RT: 14.70 min Scan# 1086
 Delta R.T. -0.03 min
 Lab File: BF085306.D
 Acq: 9 Mar 2016 18:41

Tgt Ion:149 Resp: 1087690
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.1 1.7
 43 8.0 7.8 11.8

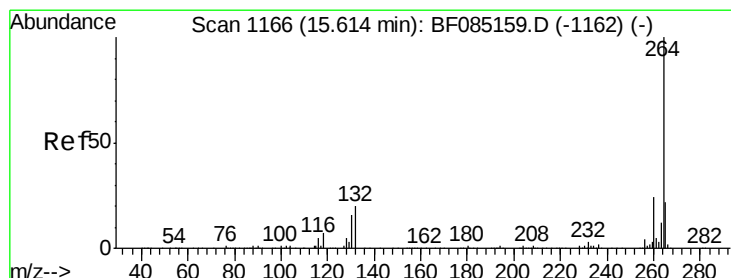
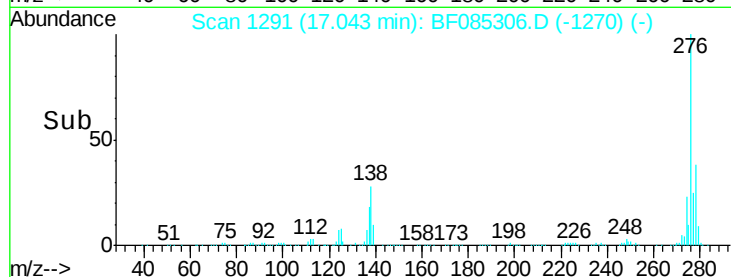
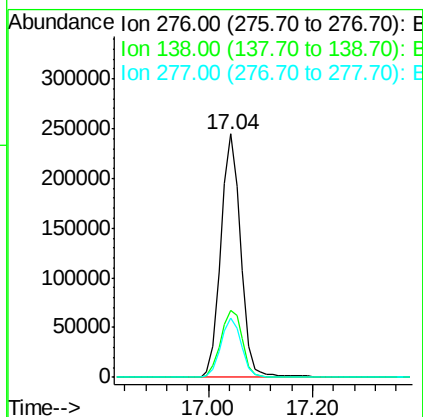
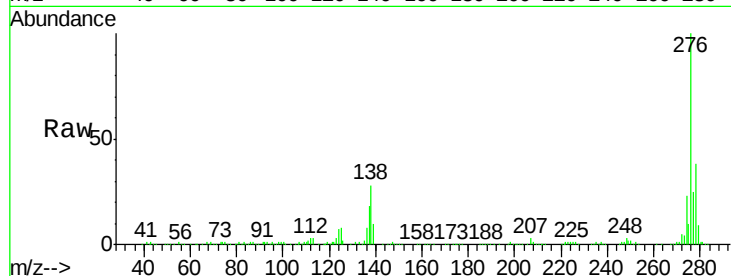




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 31.49 ng
 RT: 17.04 min Scan# 1291
 Delta R.T. -0.06 min
 Lab File: BF085306.D
 Acq: 9 Mar 2016 18:41

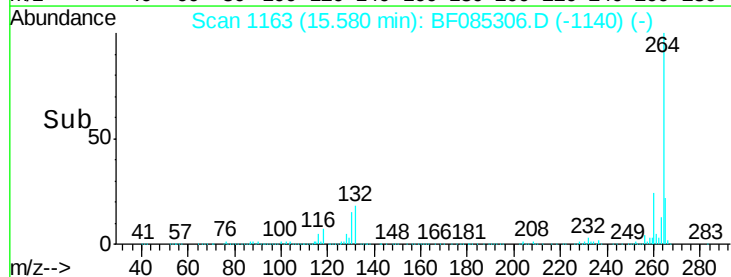
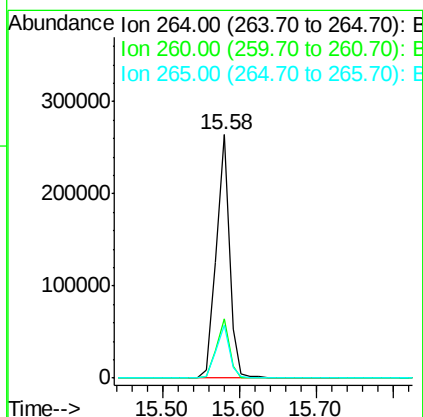
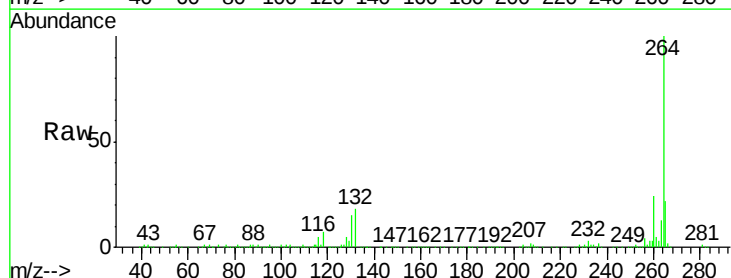
Instrument :
 BNA_F
 ClientSampleId :
 PB88789BS

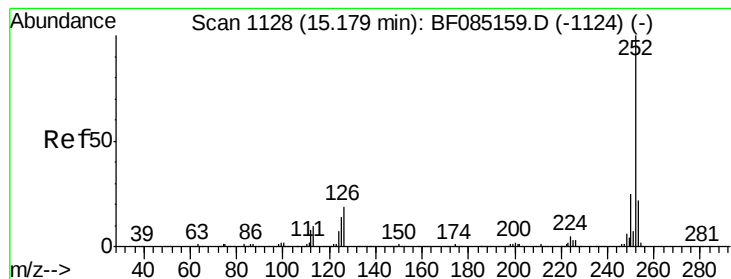
Tgt Ion: 276 Resp: 649111
 Ion Ratio Lower Upper
 276 100
 138 30.4 26.4 39.6
 277 25.3 20.2 30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.58 min Scan# 1163
 Delta R.T. -0.03 min
 Lab File: BF085306.D
 Acq: 9 Mar 2016 18:41

Tgt Ion: 264 Resp: 318633
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 21.5 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 39.57 ng

RT: 15.16 min Scan# 1126

Delta R.T. -0.02 min

Lab File: BF085306.D

Acq: 9 Mar 2016 18:41

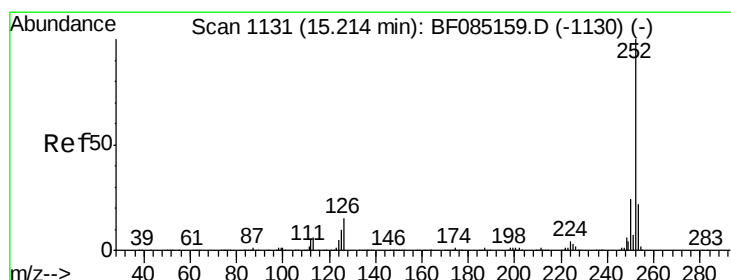
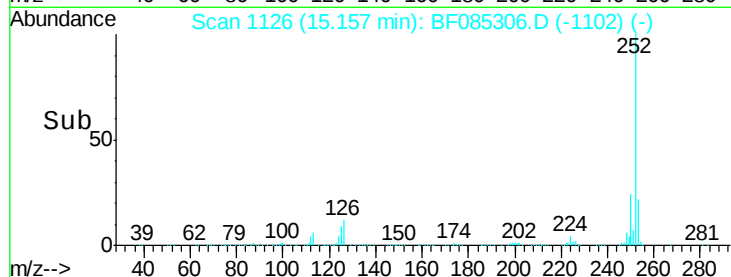
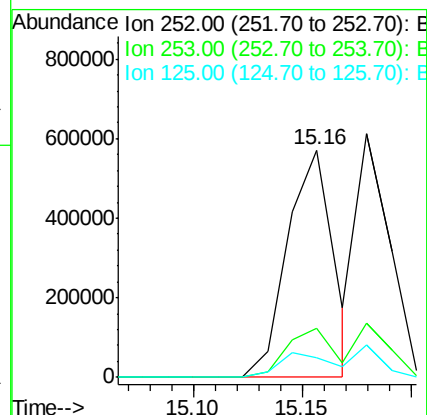
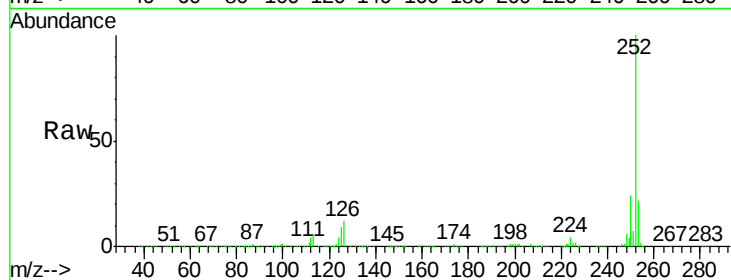
Instrument :

BNA_F

ClientSampleId :

PB88789BS

Tgt Ion:	252	Resp:	840343
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.8	26.6
125	8.8	11.3	16.9#



#88

Benzo(k)fluoranthene

Concen: 49.05 ng

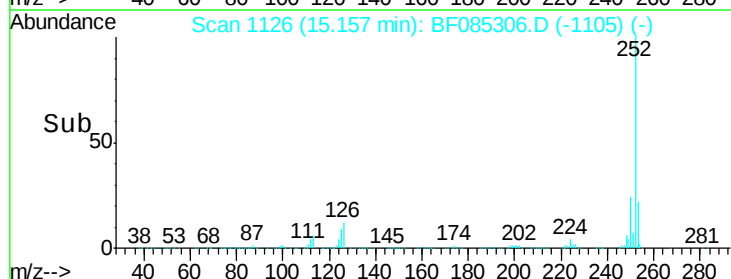
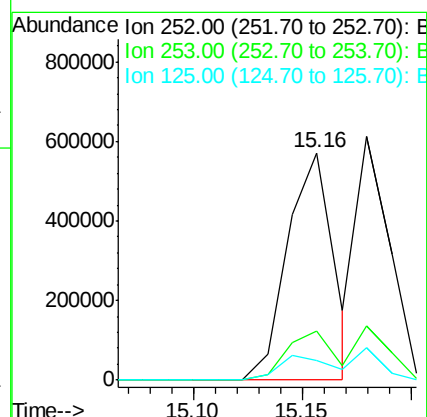
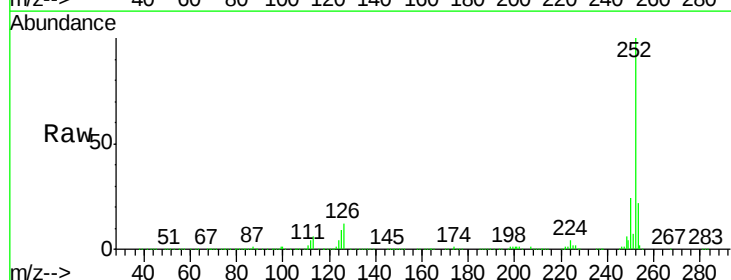
RT: 15.16 min Scan# 1126

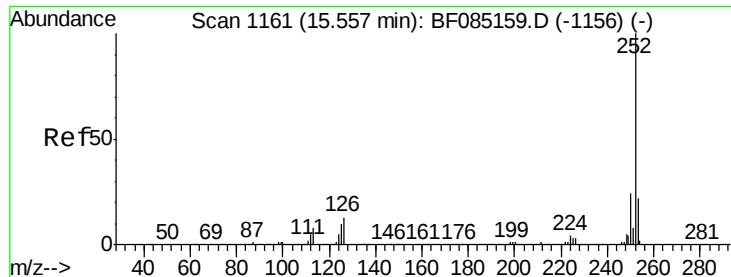
Delta R.T. -0.06 min

Lab File: BF085306.D

Acq: 9 Mar 2016 18:41

Tgt Ion:	252	Resp:	840343
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.8	26.6
125	8.8	10.4	15.6#





#89

Benzo(a)pyrene

Concen: 38.64 ng

RT: 15.52 min Scan# 1158

Delta R.T. -0.03 min

Lab File: BF085306.D

Acq: 9 Mar 2016 18:41

Instrument :

BNA_F

ClientSampleId :

PB88789BS

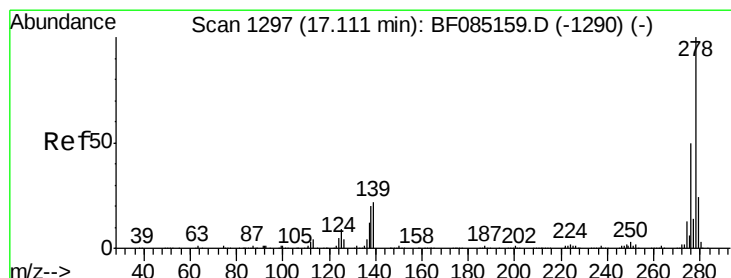
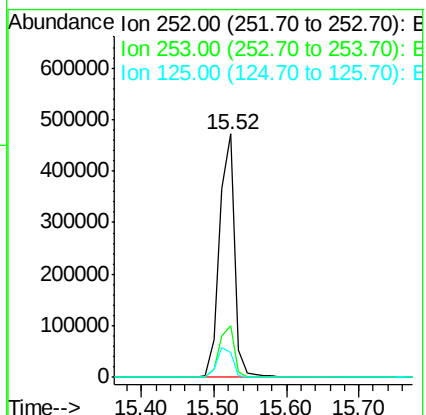
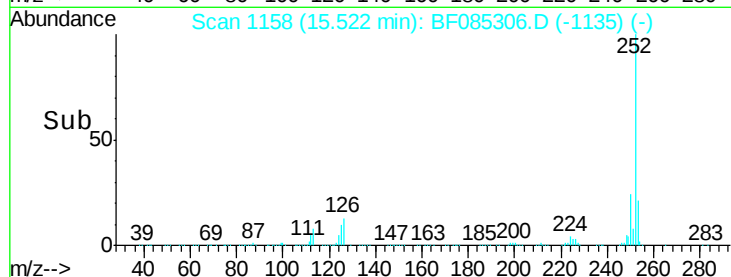
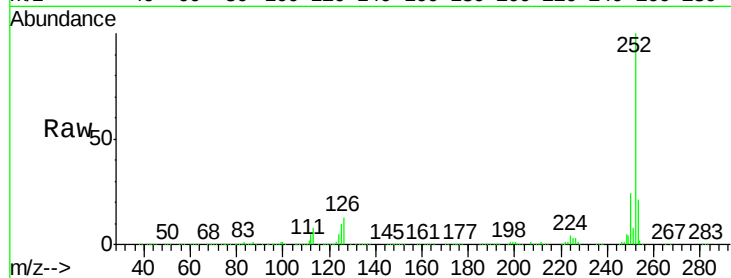
Tgt Ion:252 Resp: 680108

Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.0

125 10.2 8.2 12.4



#90

Dibenzo(a,h)anthracene

Concen: 36.25 ng

RT: 17.07 min Scan# 1293

Delta R.T. -0.05 min

Lab File: BF085306.D

Acq: 9 Mar 2016 18:41

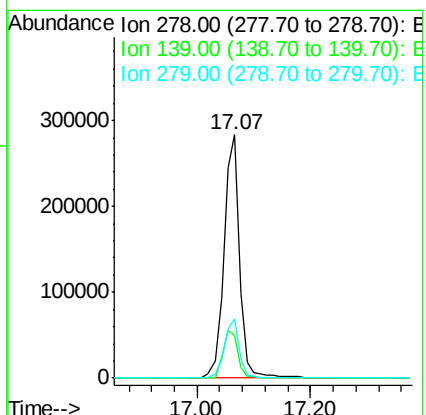
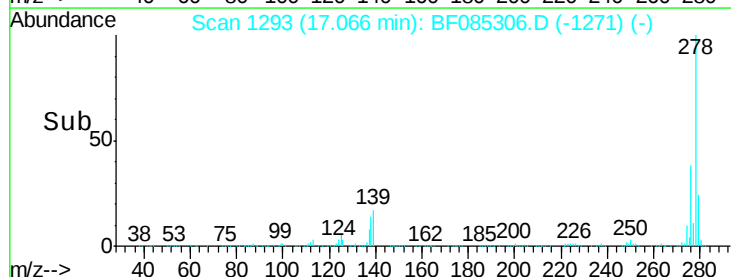
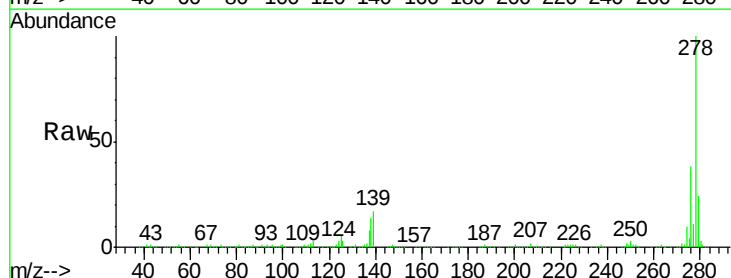
Tgt Ion:278 Resp: 544623

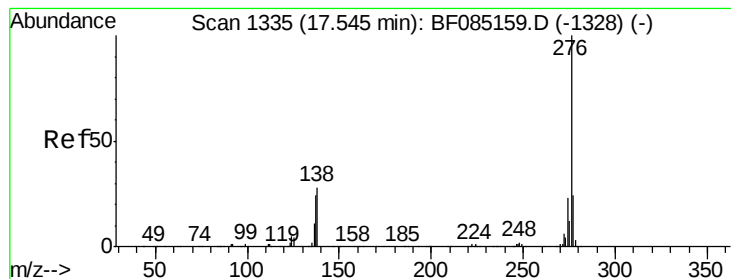
Ion Ratio Lower Upper

278 100

139 17.4 17.3 25.9

279 24.1 19.2 28.8





#91

Benzo(g,h,i)perylene

Concen: 36.34 ng

RT: 17.49 min Scan# 1330

Delta R.T. -0.06 min

Lab File: BF085306.D

Acq: 9 Mar 2016 18:41

Instrument :

BNA_F

ClientSampleId :

PB88789BS

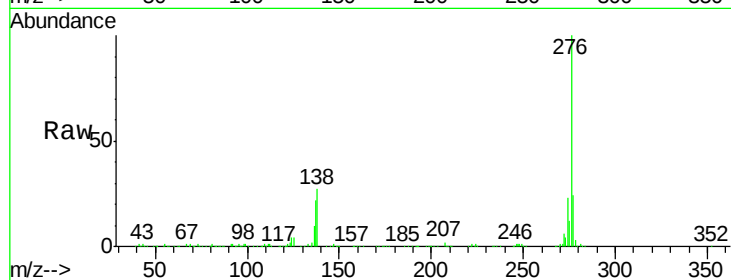
Tgt Ion: 276 Resp: 548955

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.4

138 26.5 22.5 33.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

