

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031716\
 Data File : BF085504.D
 Acq On : 17 Mar 2016 21:19
 Operator : UM/SJ
 Sample : PB88925BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88925BS

Quant Time: Mar 18 00:47:26 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 18:57:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	144965	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	597118	20.00	ng	-0.05
38) Acenaphthene-d10	9.92	164	274188	20.00	ng	-0.03
63) Phenanthrene-d10	11.41	188	482436	20.00	ng	-0.03
75) Chrysene-d12	14.04	240	308611	20.00	ng	-0.05
86) Perylene-d12	15.48	264	261488	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1054106	124.99	ng	-0.02
7) Phenol-d6	6.52	99	1380143	126.16	ng	-0.03
23) Nitrobenzene-d5	7.44	82	826914	81.88	ng	-0.05
41) 2,4,6-Tribromophenol	10.71	330	302786	119.90	ng	-0.05
44) 2-Fluorobiphenyl	9.25	172	1561397	98.79	ng	-0.03
78) Terphenyl-d14	12.99	244	1216746	89.19	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	148523	35.29	ng	97
3) Pyridine	3.30	79	419933	42.04	ng	97
4) n-Nitrosodimethylamine	3.25	42	175963	38.14	ng	95
6) Aniline	6.54	93	350661	23.22	ng	98
8) 2-Chlorophenol	6.66	128	445018	45.01	ng	94
9) Benzaldehyde	6.42	77	88787	14.54	ng	87
10) Phenol	6.53	94	596868	48.67	ng	97
11) bis(2-Chloroethyl)ether	6.62	93	425715	45.15	ng	94
12) 1,3-Dichlorobenzene	7.05	146	409397	37.36	ng	97
13) 1,4-Dichlorobenzene	6.89	146	447250	40.74	ng	97
14) 1,2-Dichlorobenzene	7.05	146	410251	42.58	ng	93
15) Benzyl Alcohol	7.02	79	335720	42.97	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	509990	39.72	ng	98
17) 2-Methylphenol	7.13	107	347195	41.94	ng	96
18) Hexachloroethane	7.38	117	163845	40.69	ng	# 88
19) n-Nitroso-di-n-propylamine	7.29	70	266067	40.61	ng	# 92
20) 3+4-Methylphenols	7.29	107	435086	49.03	ng	# 80
22) Acetophenone	7.29	105	542696	37.09	ng	# 96
24) Nitrobenzene	7.46	77	487780	42.87	ng	92
25) Isophorone	7.70	82	839659	40.77	ng	97
26) 2-Nitrophenol	7.78	139	228083	41.84	ng	99
27) 2,4-Dimethylphenol	7.82	122	424533	43.79	ng	96
28) bis(2-Chloroethoxy)methane	7.91	93	492293	39.98	ng	100
29) 2,4-Dichlorophenol	8.02	162	365451	46.46	ng	95
30) 1,2,4-Trichlorobenzene	8.10	180	360761	39.70	ng	99
31) Naphthalene	8.18	128	1175421	40.29	ng	99
32) Benzoic acid	7.94	122	275347	49.38	ng	97
33) 4-Chloroaniline	8.23	127	131997	10.52	ng	96
34) Hexachlorobutadiene	8.30	225	182184	38.35	ng	98
35) Caprolactam	8.61	113	80217	31.23	ng	96
36) 4-Chloro-3-methylphenol	8.72	107	392246	43.67	ng	97
37) 2-Methylnaphthalene	8.88	142	846752	45.83	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	303691	35.61	ng	98
40) Hexachlorocyclopentadiene	9.03	237	290078	70.38	ng	99

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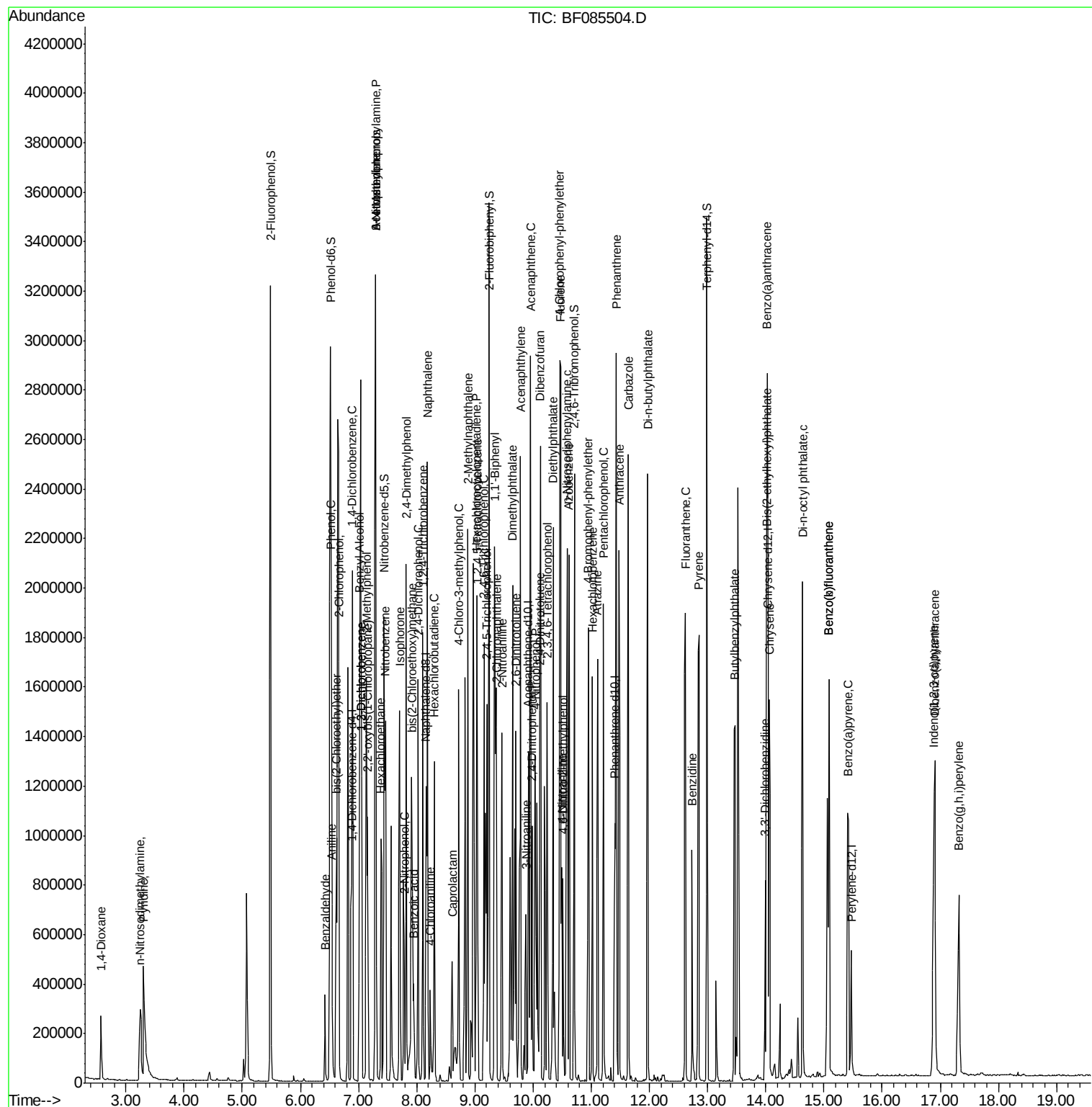
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	239514	42.53	ng	97
43) 2,4,5-Trichlorophenol	9.20	196	252402	44.37	ng	95
45) 1,1'-Biphenyl	9.34	154	889391	39.74	ng	98
46) 2-Chloronaphthalene	9.37	162	726539	43.33	ng	97
47) 2-Nitroaniline	9.46	65	242925	47.84	ng	# 84
48) Acenaphthylene	9.78	152	1172825	43.23	ng	99
49) Dimethylphthalate	9.65	163	869370	43.46	ng	99
50) 2,6-Dinitrotoluene	9.70	165	174275	39.43	ng	88
51) Acenaphthene	9.96	154	774162	45.39	ng	99
52) 3-Nitroaniline	9.88	138	138798	26.26	ng	100
53) 2,4-Dinitrophenol	9.98	184	155636	65.65	ng	# 62
54) Dibenzofuran	10.13	168	992629	47.38	ng	99
55) 4-Nitrophenol	10.04	139	310406	85.34	ng	# 77
56) 2,4-Dinitrotoluene	10.12	165	270112	48.73	ng	# 76
57) Fluorene	10.47	166	767890	45.96	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	182334	46.68	ng	96
59) Diethylphthalate	10.34	149	841655	43.46	ng	97
60) 4-Chlorophenyl-phenylether	10.46	204	343405	40.00	ng	99
61) 4-Nitroaniline	10.49	138	207500	41.76	ng	91
62) Azobenzene	10.62	77	875917	45.55	ng	98
64) 4,6-Dinitro-2-methylphenol	10.52	198	102918	35.71	ng	# 54
65) n-Nitrosodiphenylamine	10.58	169	707421	47.58	ng	99
66) 4-Bromophenyl-phenylether	10.95	248	218204	44.69	ng	97
67) Hexachlorobenzene	11.02	284	236895	47.02	ng	98
68) Atrazine	11.11	200	241256	56.71	ng	95
69) Pentachlorophenol	11.21	266	269416	100.89	ng	99
70) Phenanthrene	11.43	178	1130634	45.00	ng	99
71) Anthracene	11.48	178	1117105	43.65	ng	99
72) Carbazole	11.64	167	1020259	47.11	ng	100
73) Di-n-butylphthalate	11.97	149	1336365	49.81	ng	98
74) Fluoranthene	12.62	202	1104702	46.77	ng	95
76) Benzidine	12.73	184	345572	36.05	ng	99
77) Pyrene	12.85	202	1117344	48.27	ng	98
79) Butylbenzylphthalate	13.47	149	522478	51.63	ng	# 69
80) Benzo(a)anthracene	14.03	228	758985	42.90	ng	99
81) 3,3'-Dichlorobenzidine	13.99	252	160257	26.76	ng	# 98
82) Chrysene	14.06	228	720253	45.25	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	651150	52.74	ng	# 98
84) Di-n-octyl phthalate	14.63	149	1111350	61.66	ng	97
85) Indeno(1,2,3-cd)pyrene	16.89	276	754881	50.03	ng	97
87) Benzo(b)fluoranthene	15.09	252	1342625	78.62	ng	98
88) Benzo(k)fluoranthene	15.09	252	1342625	100.38	ng	99
89) Benzo(a)pyrene	15.42	252	656195	44.48	ng	99
90) Dibenzo(a,h)anthracene	16.91	278	638411	44.30	ng	98
91) Benzo(g,h,i)perylene	17.32	276	626599	42.57	ng	100

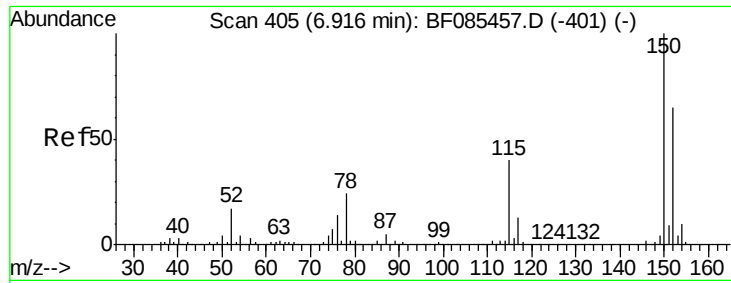
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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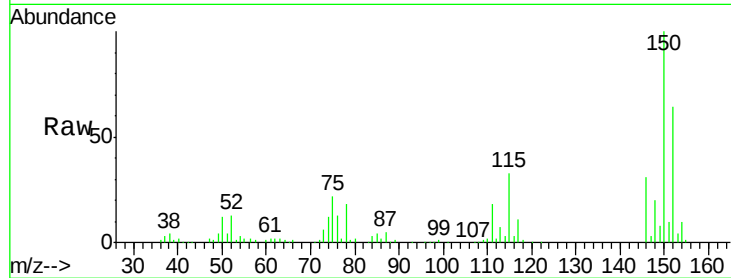


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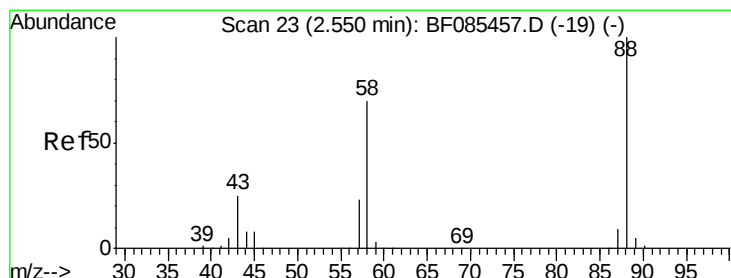
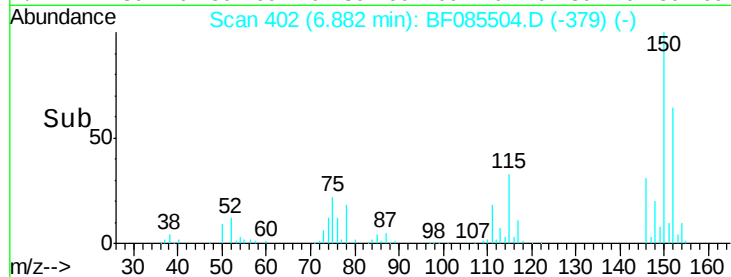
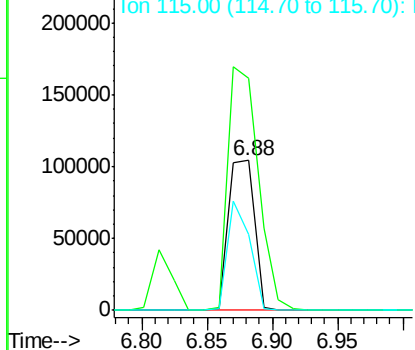
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 402
Delta R.T. -0.03 min
Lab File: BF085504.D
Acq: 17 Mar 2016 21:19

Instrument :
BNA_F
ClientSampleId :
PB88925BS

Tgt Ion:152 Resp: 144965
Ion Ratio Lower Upper
152 100
150 155.1 124.6 186.8
115 50.9 46.6 70.0



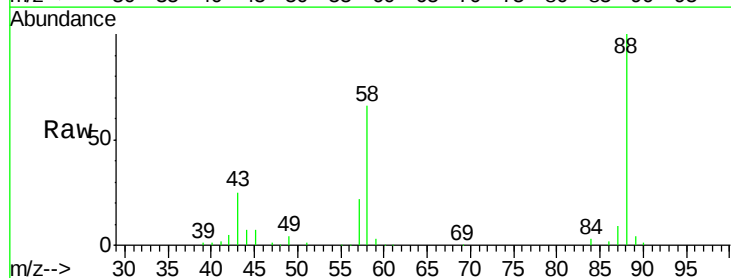
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



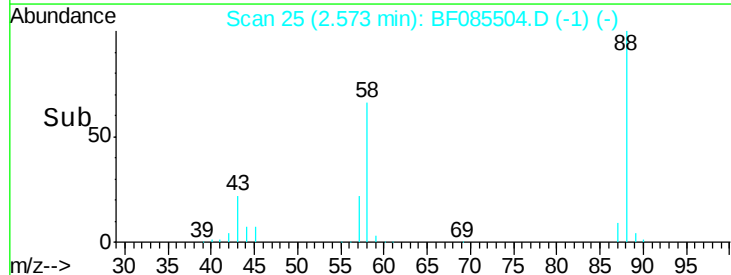
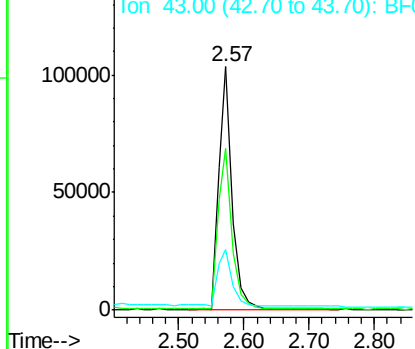
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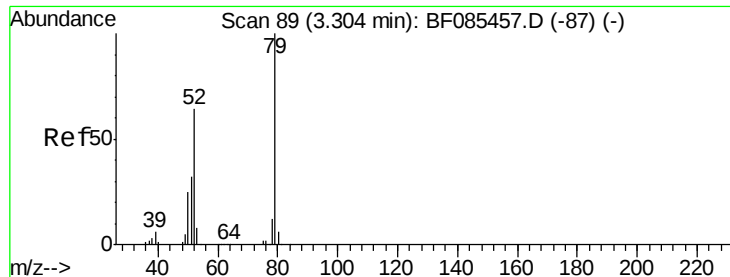
1,4-Dioxane
Concen: 35.29 ng
RT: 2.57 min Scan# 25
Delta R.T. 0.02 min
Lab File: BF085504.D
Acq: 17 Mar 2016 21:19

Tgt Ion: 88 Resp: 148523
Ion Ratio Lower Upper
88 100
58 68.9 57.0 85.6
43 24.8 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: 42.04 ng

RT: 3.30 min Scan# 89

Delta R.T. 0.00 min

Lab File: BF085504.D

Acq: 17 Mar 2016 21:19

Instrument :

BNA_F

ClientSampleId :

PB88925BS

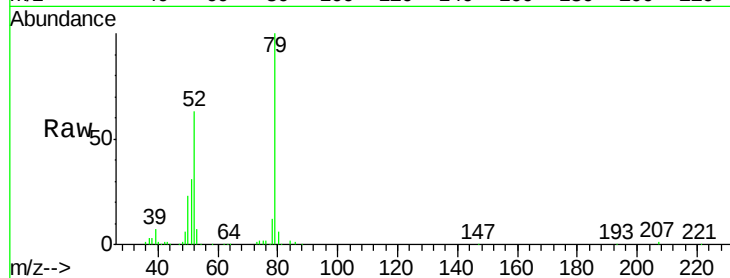
Tgt Ion: 79 Resp: 419933

Ion Ratio Lower Upper

79 100

52 63.2 52.6 79.0

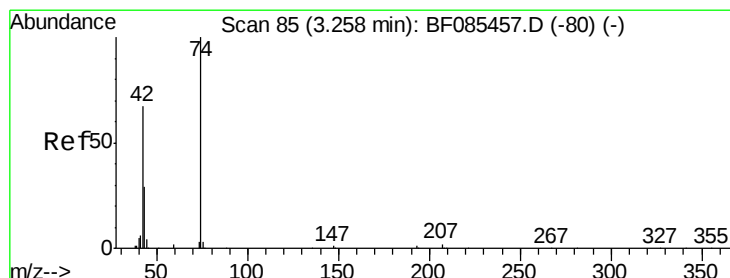
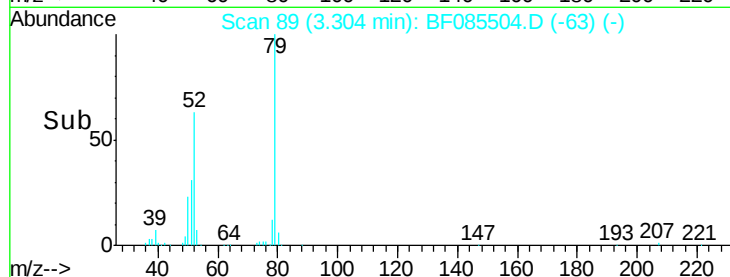
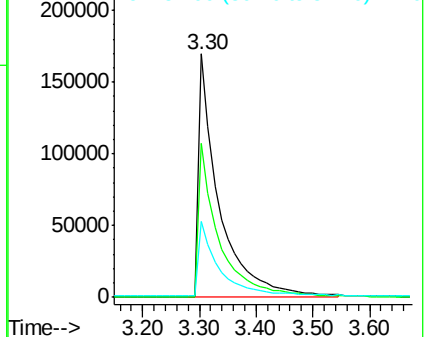
51 31.3 25.8 38.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 38.14 ng

RT: 3.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: BF085504.D

Acq: 17 Mar 2016 21:19

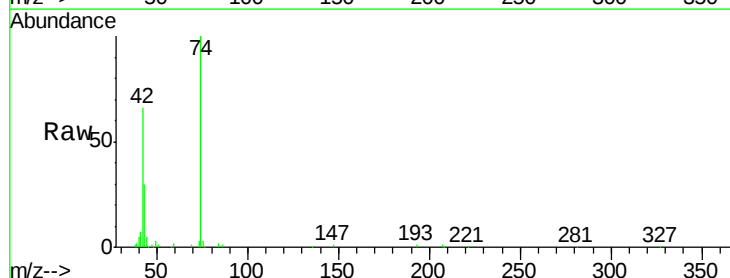
Tgt Ion: 42 Resp: 175963

Ion Ratio Lower Upper

42 100

74 152.5 116.8 175.2

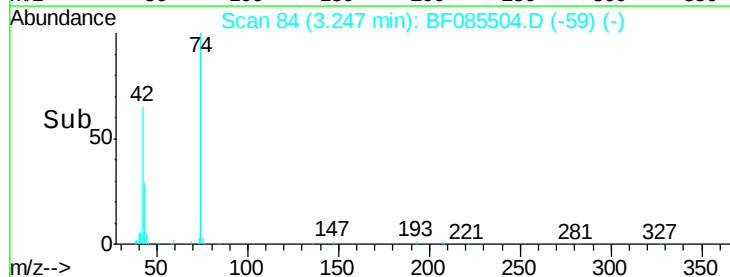
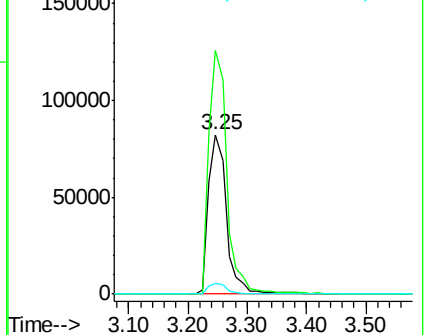
44 6.9 5.5 8.3

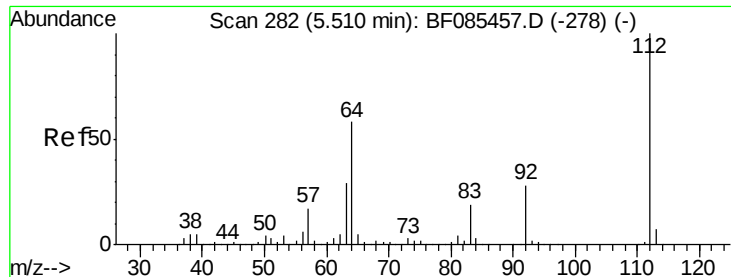


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 124.99 ng

RT: 5.49 min Scan# 280

Delta R.T. -0.02 min

Lab File: BF085504.D

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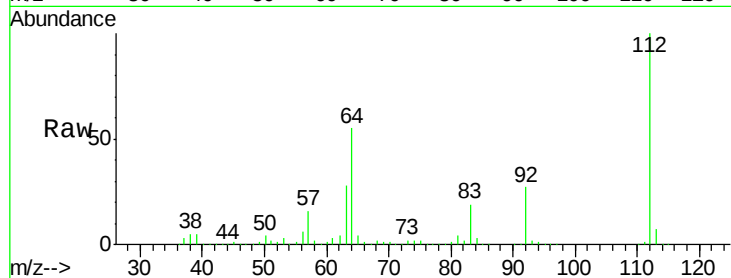
Tgt Ion: 112 Resp: 1054106

Ion Ratio Lower Upper

112 100

64 54.7 49.0 73.4

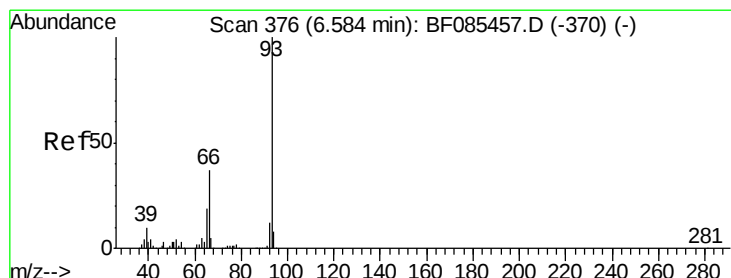
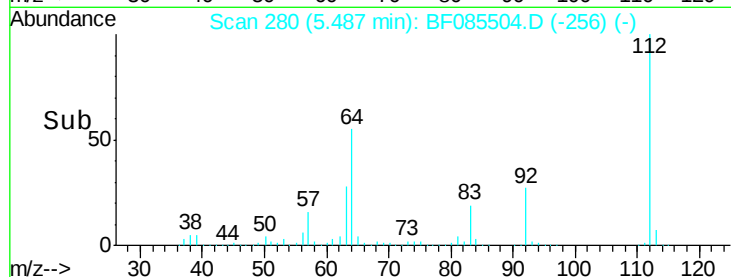
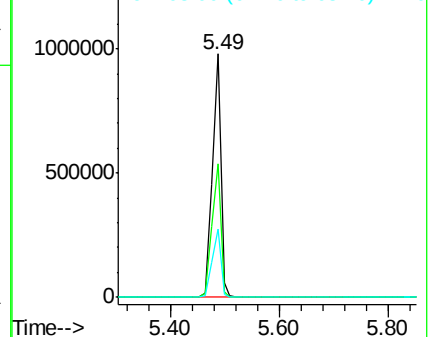
63 27.8 24.8 37.2



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: 23.22 ng

RT: 6.54 min Scan# 372

Delta R.T. -0.05 min

Lab File: BF085504.D

Acq: 17 Mar 2016 21:19

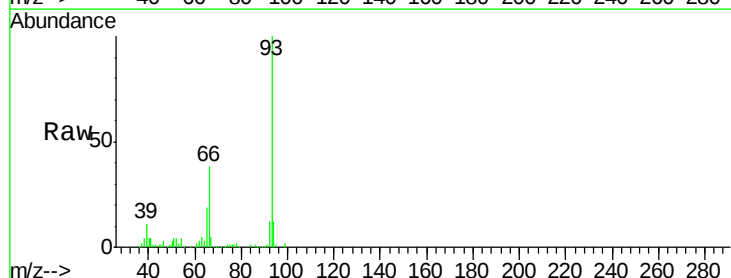
Tgt Ion: 93 Resp: 350661

Ion Ratio Lower Upper

93 100

66 38.5 31.6 47.4

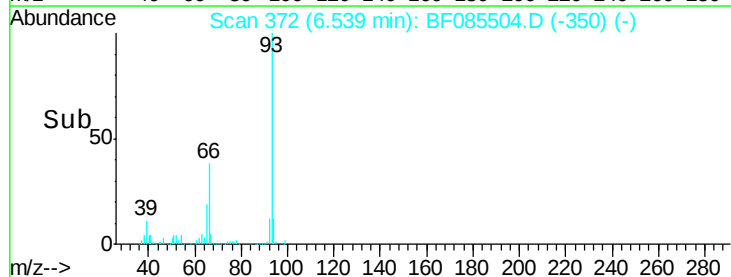
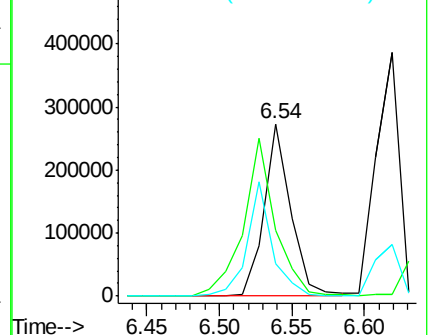
65 19.1 15.8 23.8

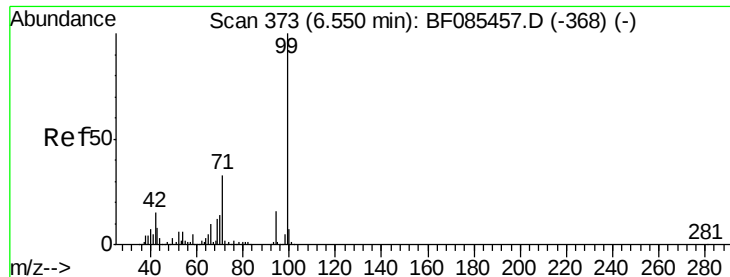


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 126.16 ng

RT: 6.52 min Scan# 370

Delta R.T. -0.03 min

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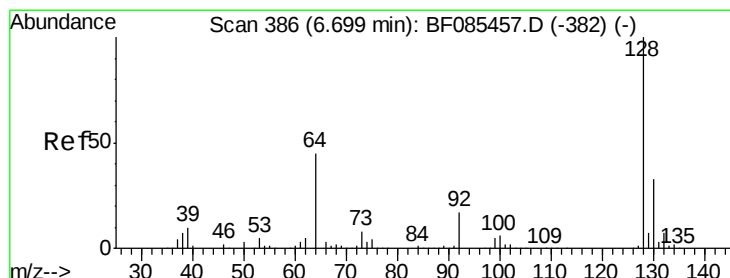
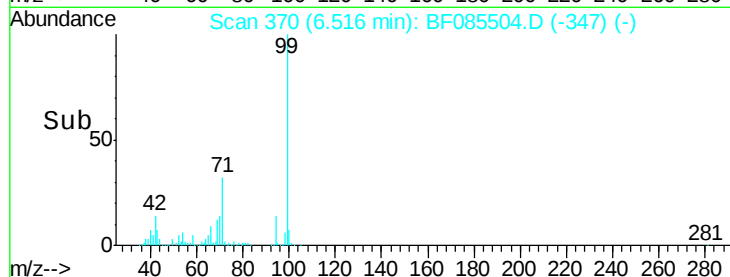
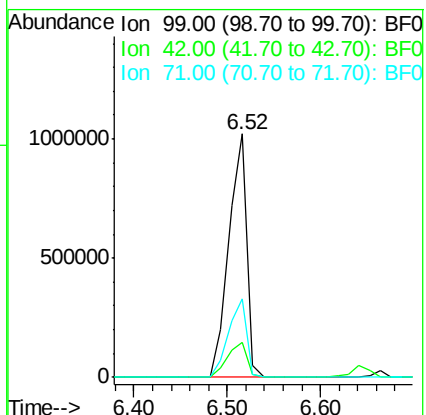
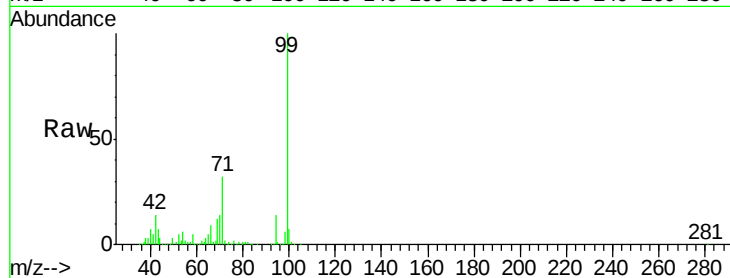
Tgt Ion: 99 Resp: 1380143

Ion Ratio Lower Upper

99 100

42 14.3 13.6 20.4

71 32.0 26.7 40.1



#8

2-Chlorophenol

Concen: 45.01 ng

RT: 6.66 min Scan# 383

Delta R.T. -0.03 min

Lab File: BF085504.D

Acq: 17 Mar 2016 21:19

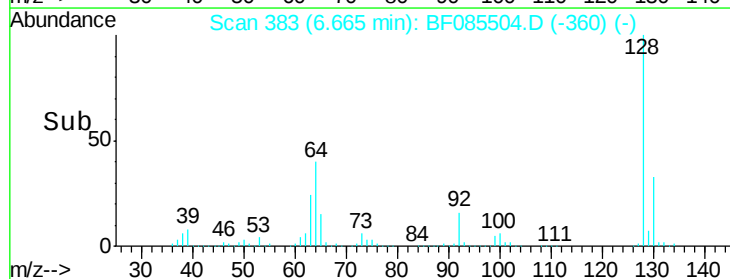
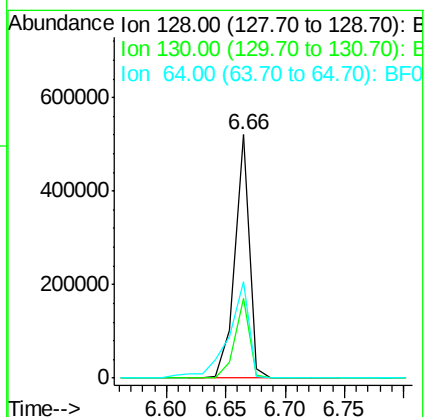
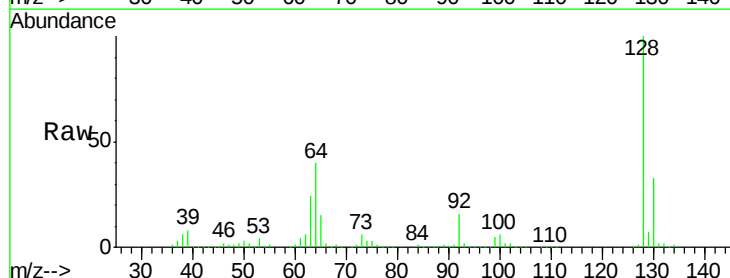
Tgt Ion: 128 Resp: 445018

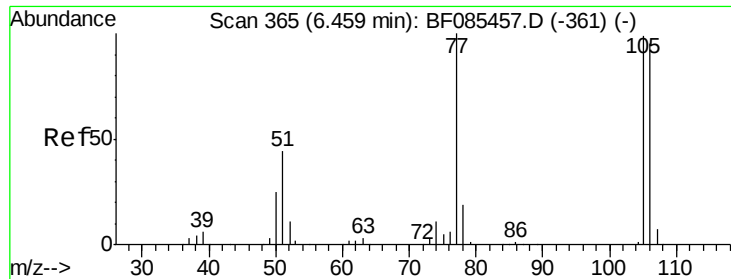
Ion Ratio Lower Upper

128 100

130 32.7 13.3 53.3

64 39.6 25.7 65.7

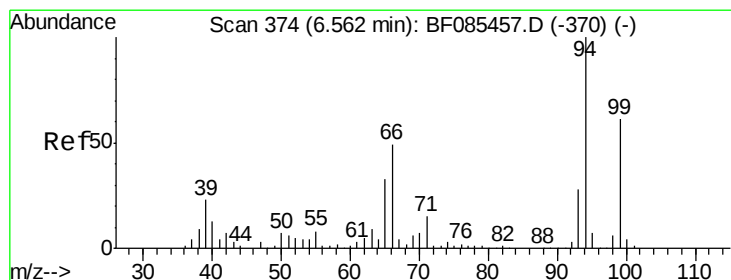
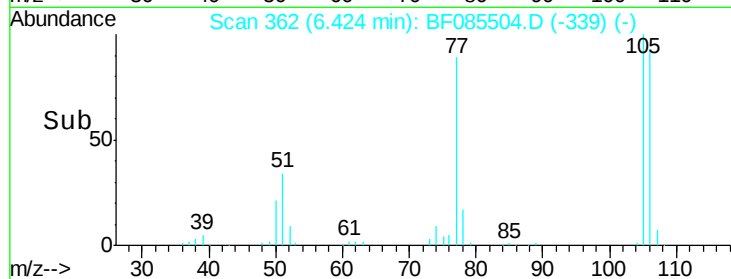
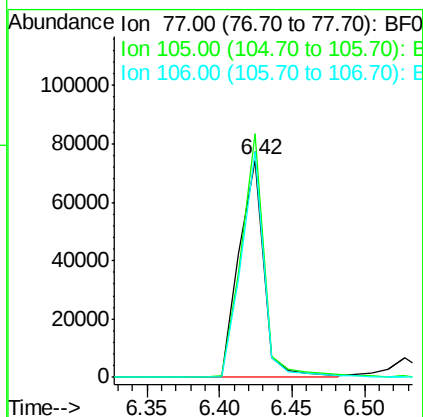
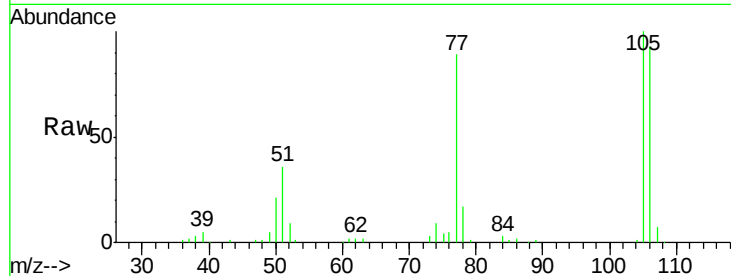




#9
Benzaldehyde
Concen: 14.54 ng
RT: 6.42 min Scan# 362
Delta R.T. -0.03 min
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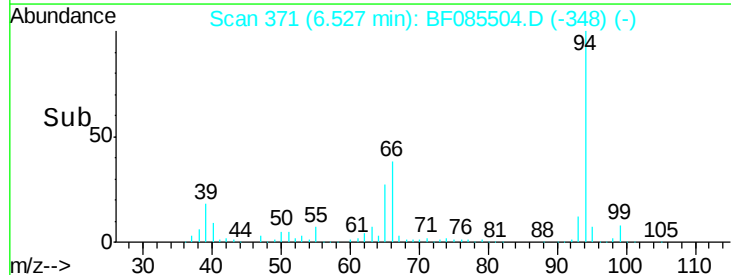
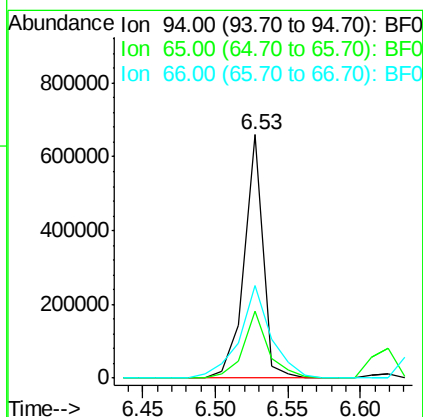
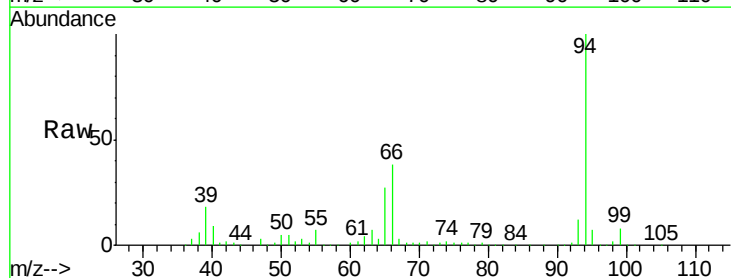
Instrument :
BNA_F
ClientSampleId :
PB88925BS

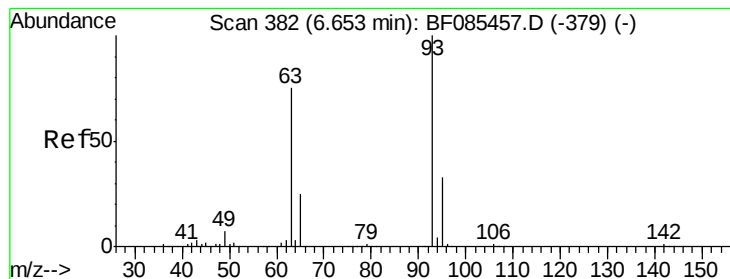
Tgt Ion: 77 Resp: 88787
Ion Ratio Lower Upper
77 100
105 112.0 78.2 118.2
106 103.7 72.9 112.9



#10
Phenol
Concen: 48.67 ng
RT: 6.53 min Scan# 371
Delta R.T. -0.03 min
Lab File: BF085504.D
Acq: 17 Mar 2016 21:19

Tgt Ion: 94 Resp: 596868
Ion Ratio Lower Upper
94 100
65 27.3 9.1 49.1
66 37.9 19.3 59.3





#11

bis(2-Chloroethyl)ether

Concen: 45.15 ng

RT: 6.62 min Scan# 379

Delta R.T. -0.03 min

Lab File: BF085504.D

Acq: 17 Mar 2016 21:19

Instrument :

BNA_F

ClientSampleId :

PB88925BS

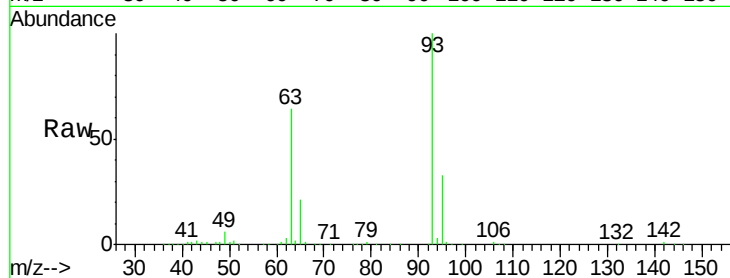
Tgt Ion: 93 Resp: 425715

Ion Ratio Lower Upper

93 100

63 64.3 50.9 90.9

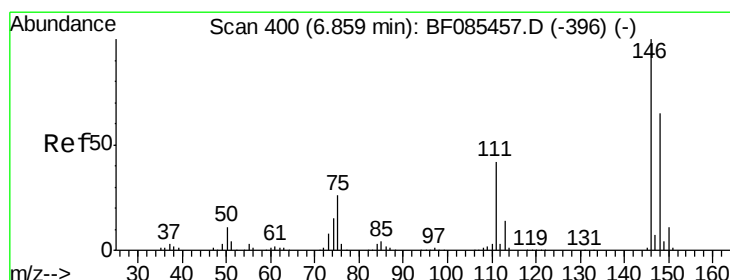
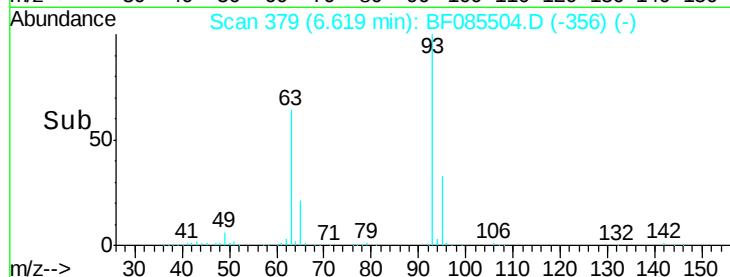
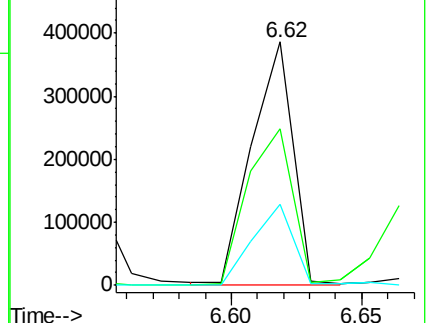
95 33.3 13.7 53.7



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 37.36 ng

RT: 7.05 min Scan# 417

Delta R.T. 0.19 min

Lab File: BF085504.D

Acq: 17 Mar 2016 21:19

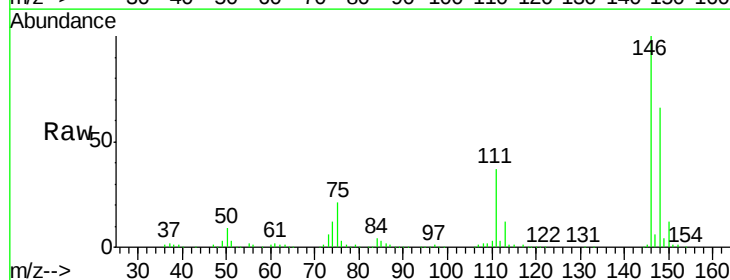
Tgt Ion: 146 Resp: 409397

Ion Ratio Lower Upper

146 100

148 66.0 52.1 78.1

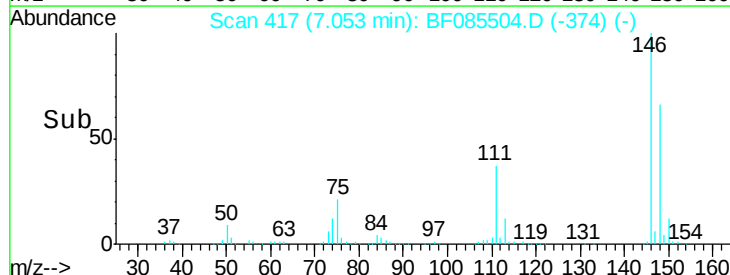
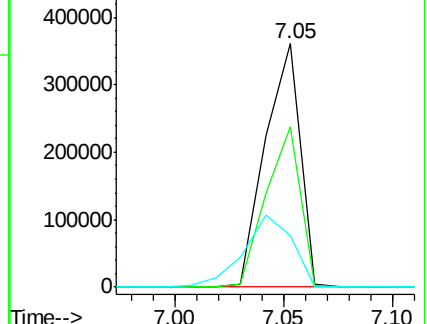
75 21.4 19.5 29.3

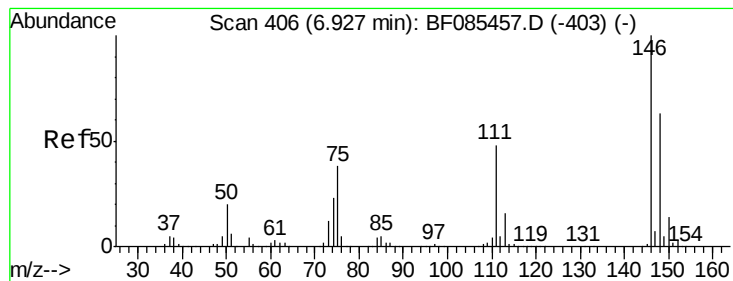


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 40.74 ng

RT: 6.89 min Scan# 403

Delta R.T. -0.03 min

Lab File: BF085504.D

Acq: 17 Mar 2016 21:19

Instrument :

BNA_F

ClientSampleId :

PB88925BS

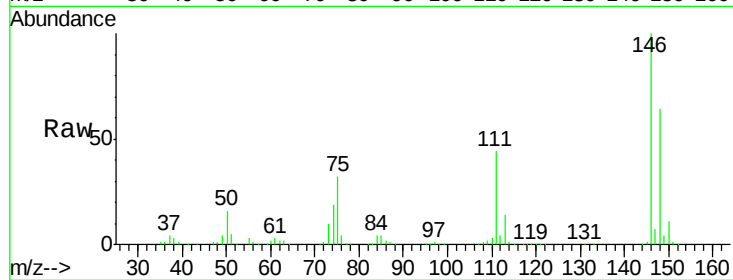
Tgt Ion:146 Resp: 447250

Ion Ratio Lower Upper

146 100

148 64.0 51.3 76.9

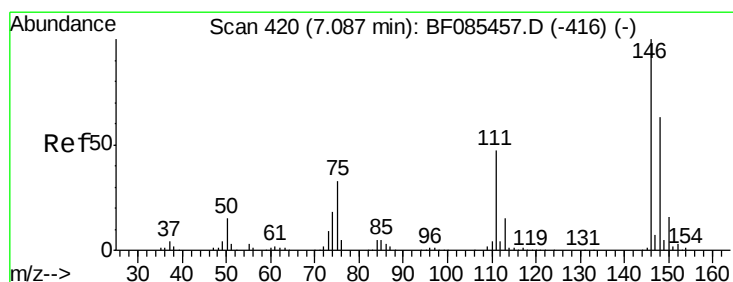
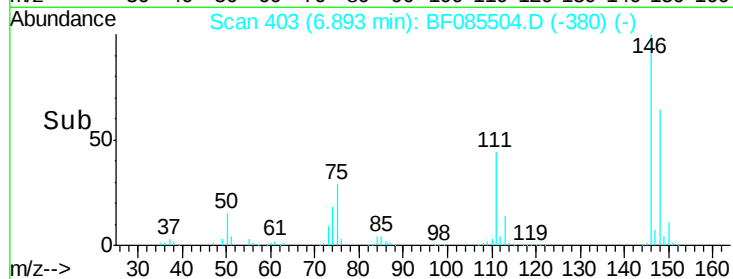
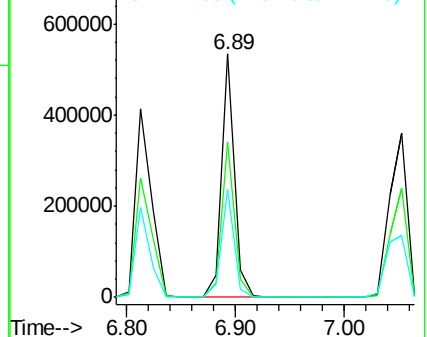
111 44.1 38.4 57.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.58 ng

RT: 7.05 min Scan# 417

Delta R.T. -0.03 min

Lab File: BF085504.D

Acq: 17 Mar 2016 21:19

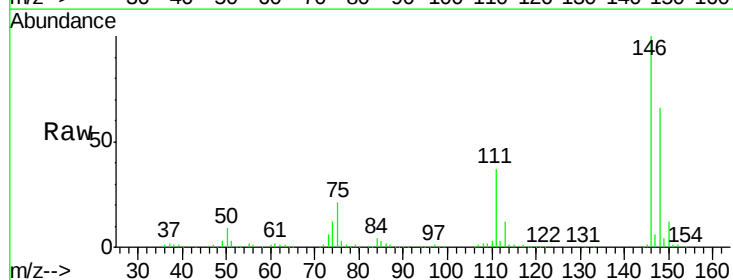
Tgt Ion:146 Resp: 410251

Ion Ratio Lower Upper

146 100

148 66.0 51.4 77.2

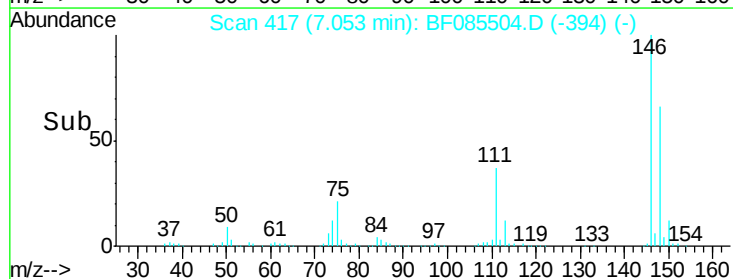
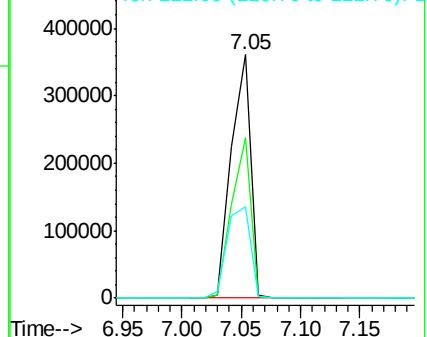
111 37.4 36.7 55.1

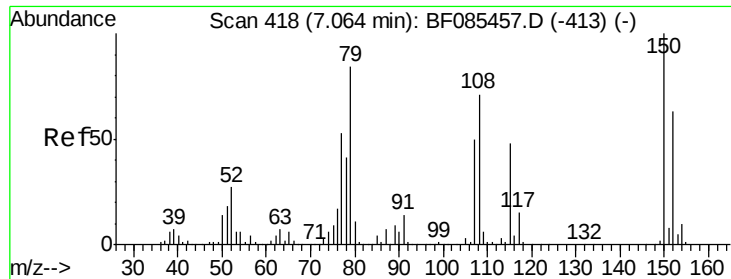


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

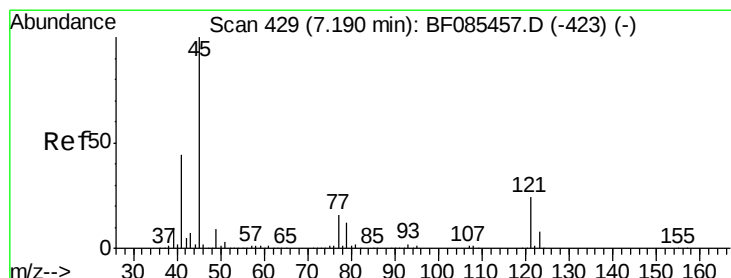
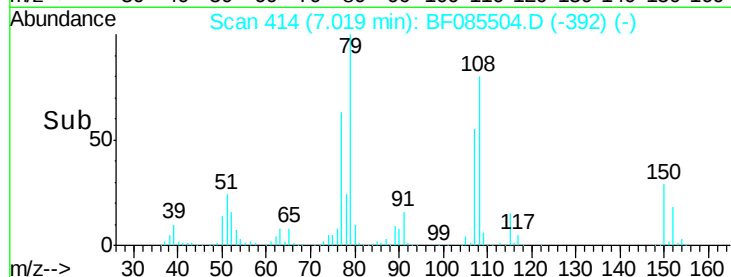
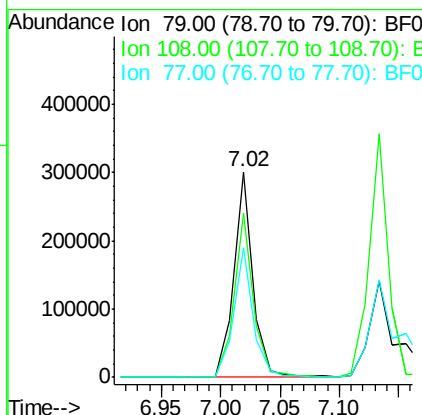
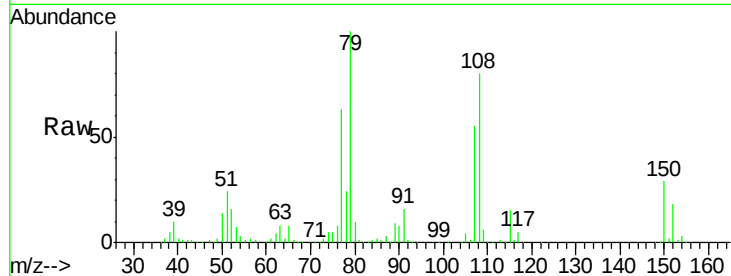




#15
Benzyl Alcohol
Concen: 42.97 ng
RT: 7.02 min Scan# 414
Delta R.T. -0.05 min
Lab File: BF085504.D
Acq: 17 Mar 2016 21:19

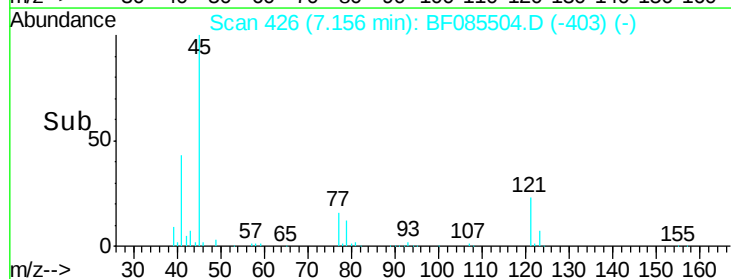
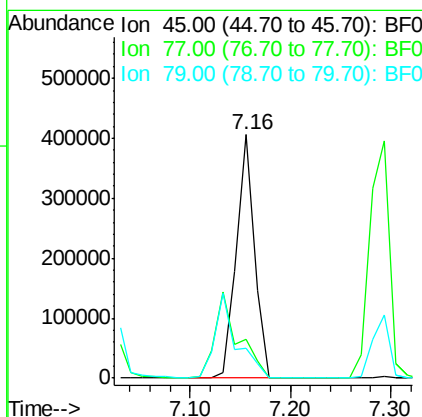
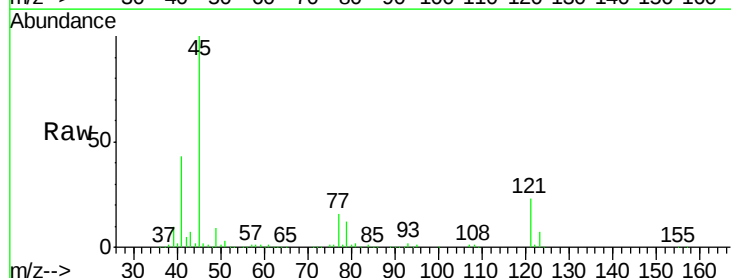
Instrument :
BNA_F
ClientSampleId :
PB88925BS

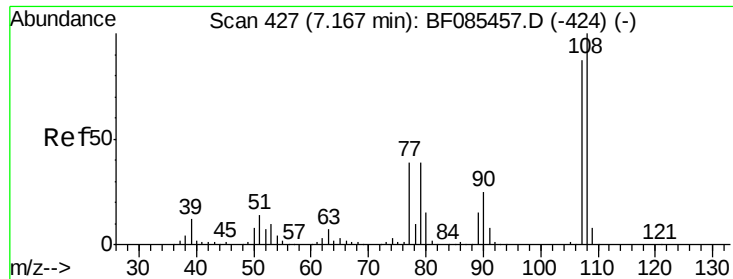
Tgt Ion: 79 Resp: 335720
Ion Ratio Lower Upper
79 100
108 79.8 62.9 94.3
77 63.4 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.72 ng
RT: 7.16 min Scan# 426
Delta R.T. -0.03 min
Lab File: BF085504.D
Acq: 17 Mar 2016 21:19

Tgt Ion: 45 Resp: 509990
Ion Ratio Lower Upper
45 100
77 16.1 0.0 35.1
79 12.2 0.0 31.3





#17

2-Methylphenol

Concen: 41.94 ng

RT: 7.13 min Scan# 424

Delta R.T. -0.03 min

Lab File: BF085504.D

Acq: 17 Mar 2016 21:19

Instrument :

BNA_F

ClientSampleId :

PB88925BS

Tgt Ion:107 Resp: 347195

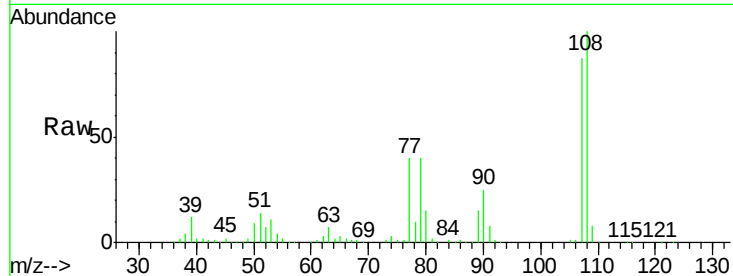
Ion Ratio Lower Upper

107 100

108 115.1 90.9 136.3

77 46.4 32.6 48.8

79 45.5 32.8 49.2

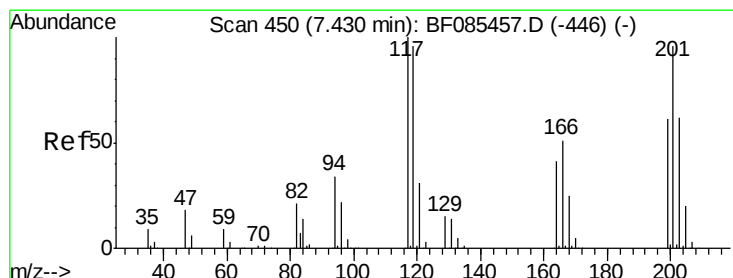
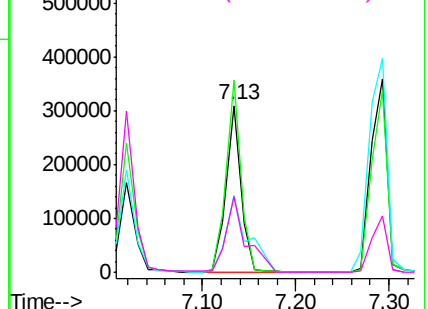
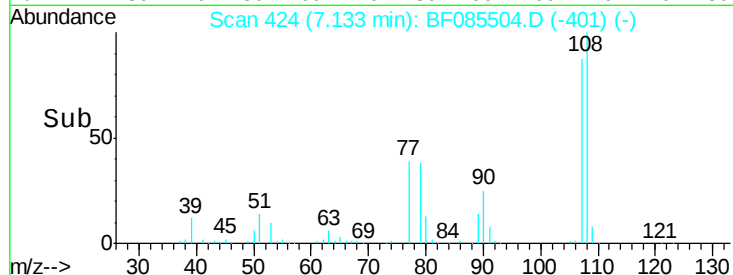


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.69 ng

RT: 7.38 min Scan# 446

Delta R.T. -0.05 min

Lab File: BF085504.D

Acq: 17 Mar 2016 21:19

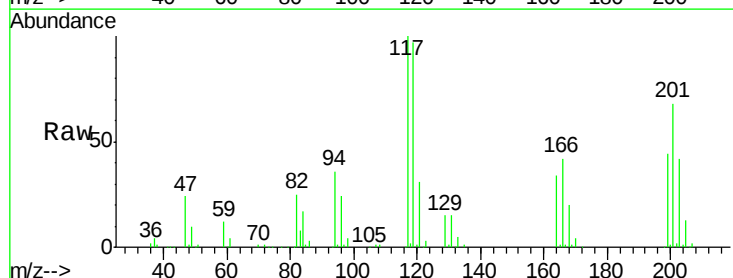
Tgt Ion:117 Resp: 163845

Ion Ratio Lower Upper

117 100

119 96.6 78.2 117.4

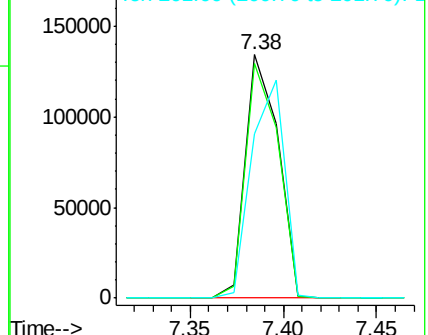
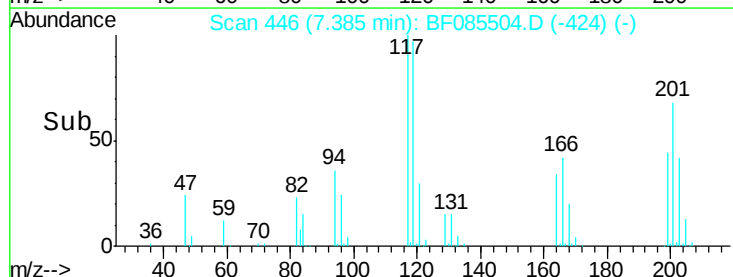
201 67.7 72.0 108.0#

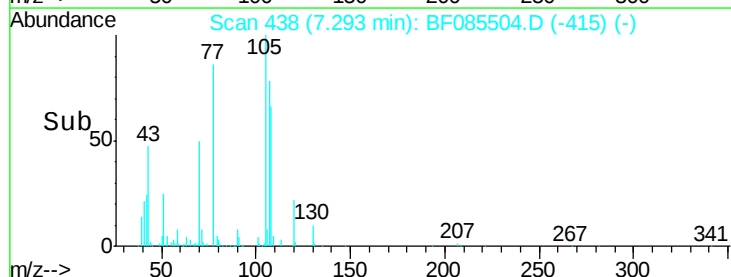
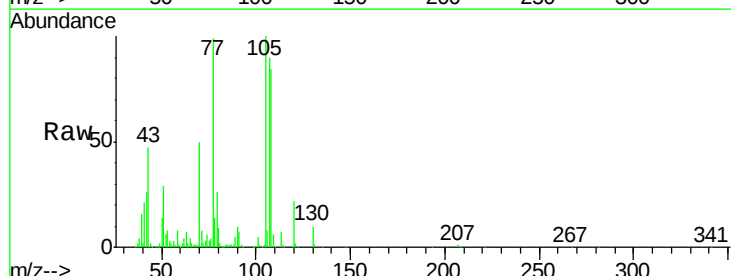
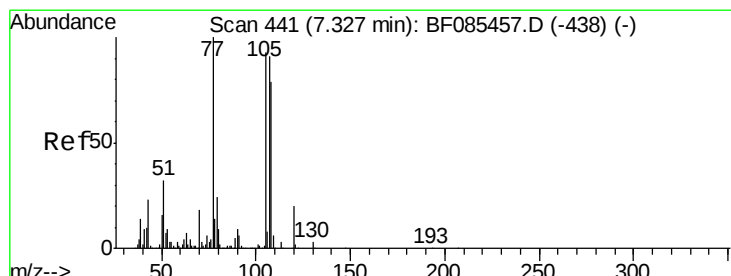
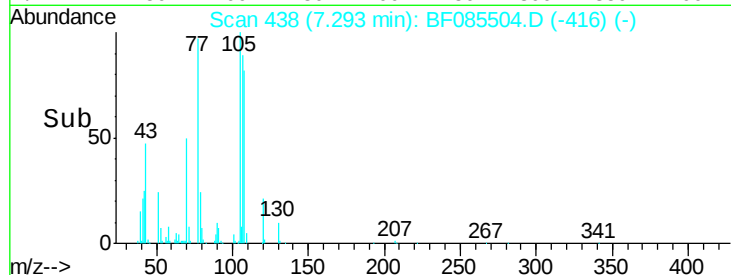
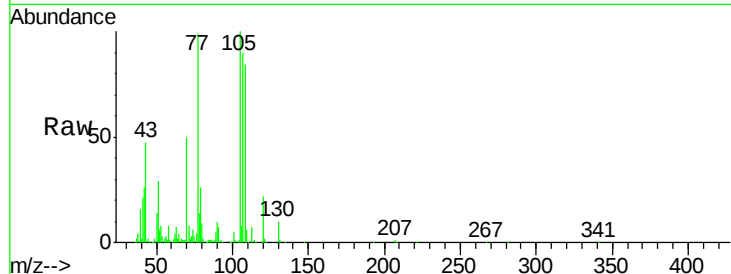
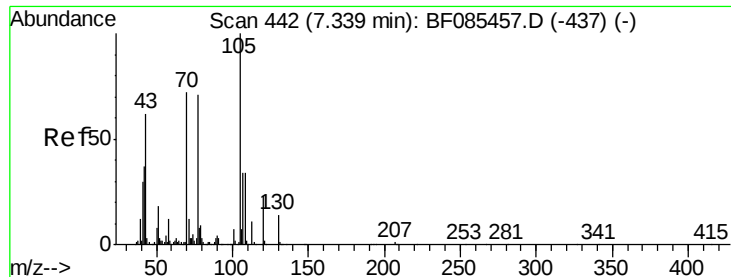


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

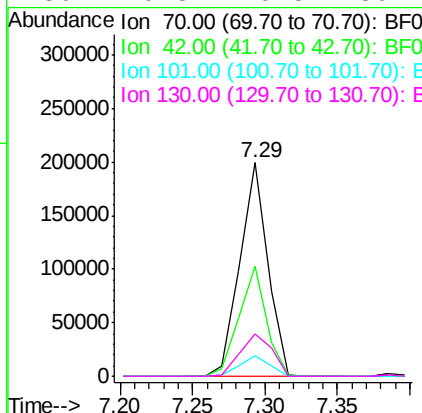




#19
n-Nitroso-di-n-propylamine
Concen: 40.61 ng
RT: 7.29 min Scan# 438
Delta R.T. -0.05 min
Lab File: BF085504.D
Acq: 17 Mar 2016 21:19

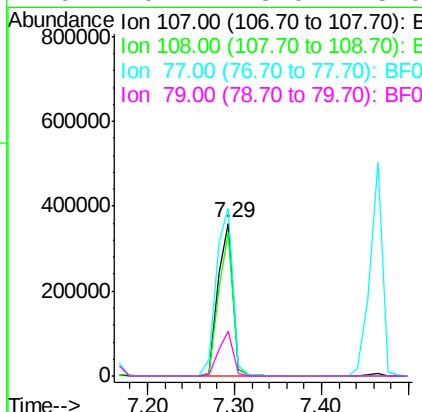
Instrument :
BNA_F
ClientSampleId :
PB88925BS

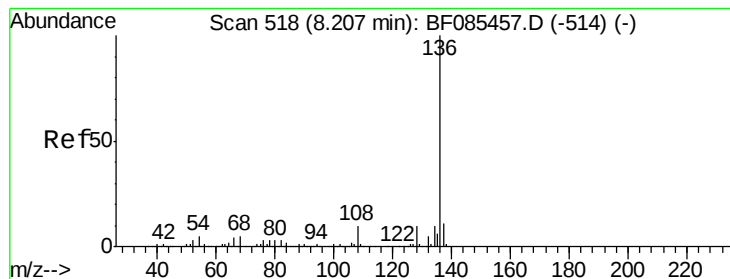
Tgt Ion: 70 Resp: 266067
Ion Ratio Lower Upper
70 100
42 51.7 37.7 56.5
101 9.4 8.2 12.4
130 19.8 20.5 30.7#



#20
3+4-Methylphenols
Concen: 49.03 ng
RT: 7.29 min Scan# 438
Delta R.T. -0.03 min
Lab File: BF085504.D
Acq: 17 Mar 2016 21:19

Tgt Ion: 107 Resp: 435086
Ion Ratio Lower Upper
107 100
108 93.9 68.8 108.8
77 110.5 53.6 93.6#
79 29.4 8.0 48.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 514

Delta R.T. -0.05 min

Lab File: BF085504.D

Acq: 17 Mar 2016 21:19

Instrument :

BNA_F

ClientSampleId :

PB88925BS

Tgt Ion:136 Resp: 597118

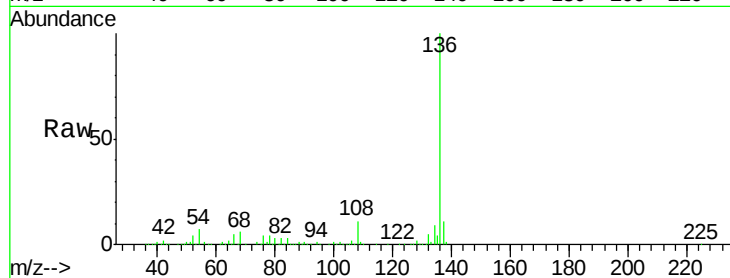
Ion Ratio Lower Upper

136 100

137 11.0 9.3 13.9

54 7.4 7.4 11.2

68 6.2 6.0 9.0

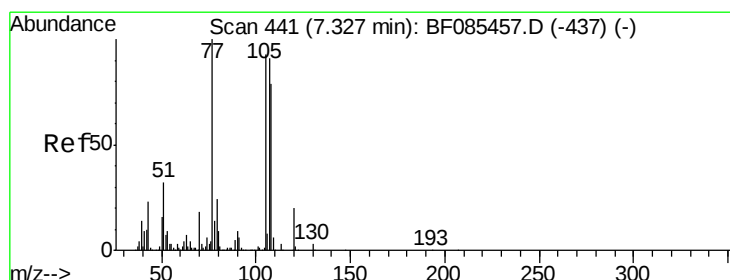
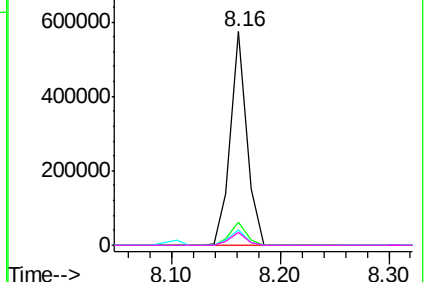
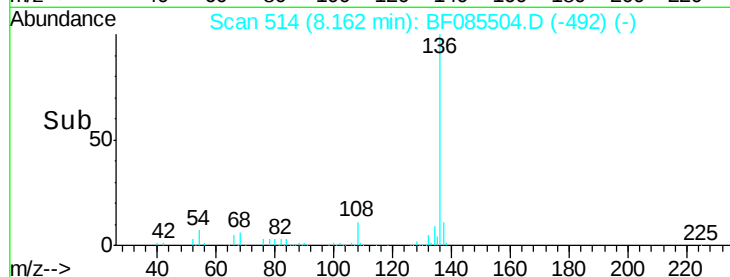


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 37.09 ng

RT: 7.29 min Scan# 438

Delta R.T. -0.03 min

Lab File: BF085504.D

Acq: 17 Mar 2016 21:19

Tgt Ion:105 Resp: 542696

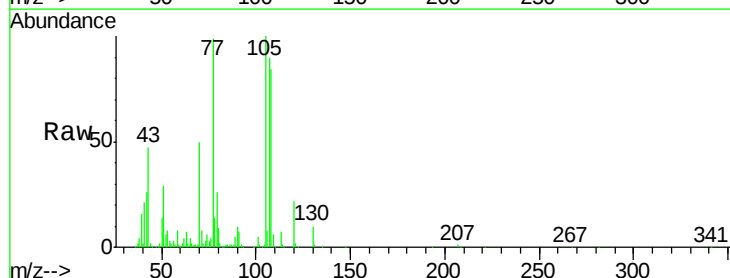
Ion Ratio Lower Upper

105 100

71 8.3 4.1 6.1#

51 29.2 21.1 31.7

120 21.7 17.3 25.9

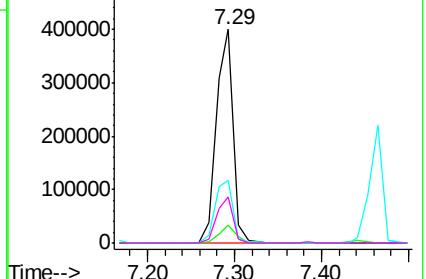
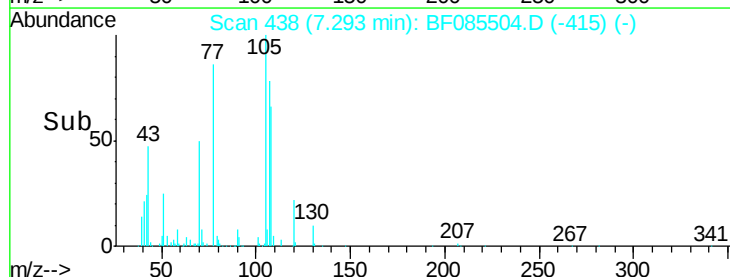


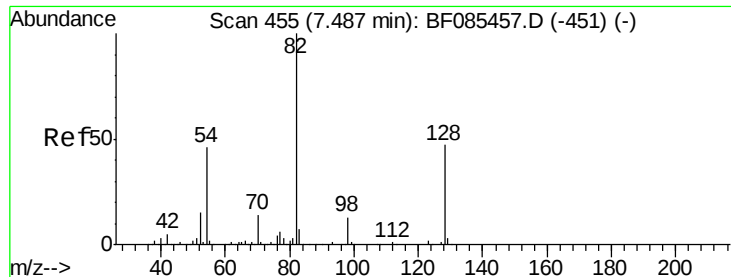
Abundance Ion 105.00 (104.70 to 105.70): E

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: 81.88 ng

RT: 7.44 min Scan# 451

Delta R.T. -0.05 min

Lab File: BF085504.D

Acq: 17 Mar 2016 21:19

Instrument :

BNA_F

ClientSampleId :

PB88925BS

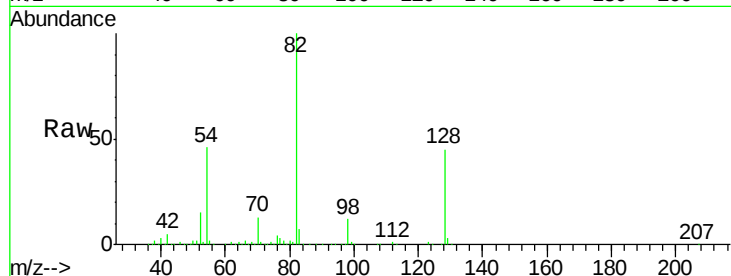
Tgt Ion: 82 Resp: 826914

Ion Ratio Lower Upper

82 100

128 44.8 34.5 51.7

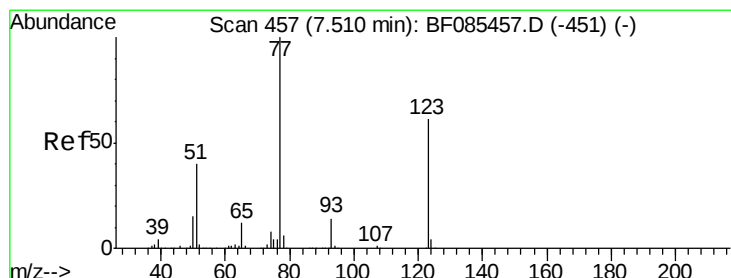
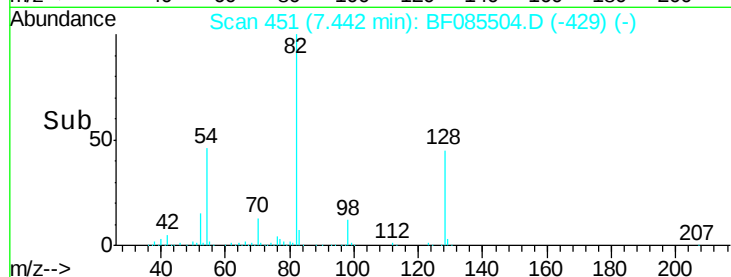
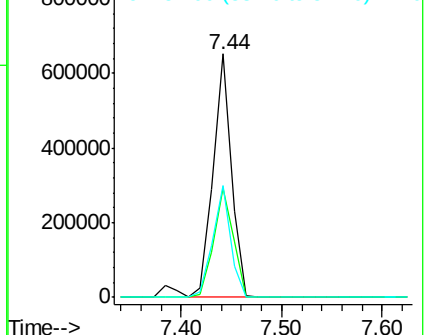
54 46.1 39.3 58.9



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 42.87 ng

RT: 7.46 min Scan# 453

Delta R.T. -0.05 min

Lab File: BF085504.D

Acq: 17 Mar 2016 21:19

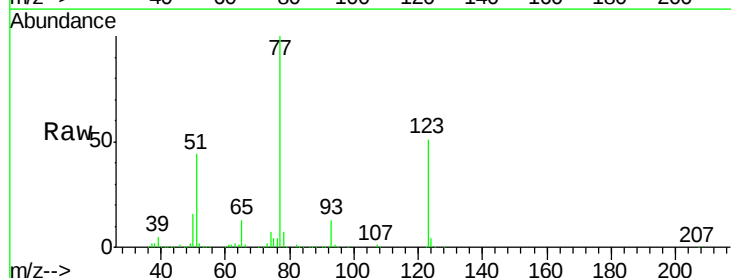
Tgt Ion: 77 Resp: 487780

Ion Ratio Lower Upper

77 100

123 50.8 35.4 53.2

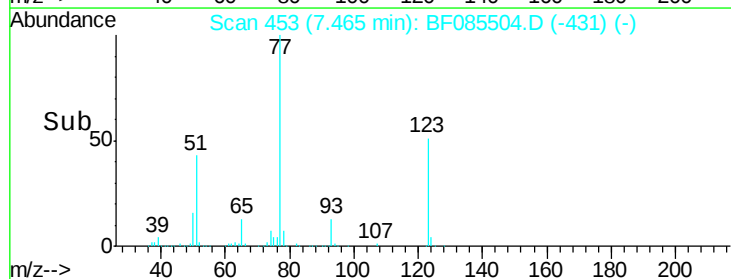
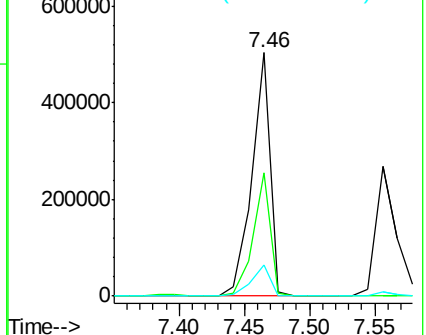
65 12.8 10.6 16.0

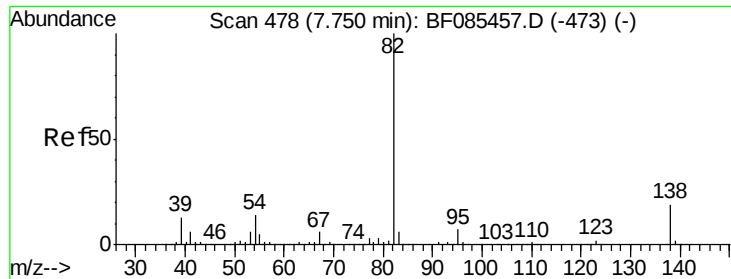


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.77 ng

RT: 7.70 min Scan# 474

Delta R.T. -0.05 min

Lab File: BF085504.D

Acq: 17 Mar 2016 21:19

Instrument :

BNA_F

ClientSampleId :

PB88925BS

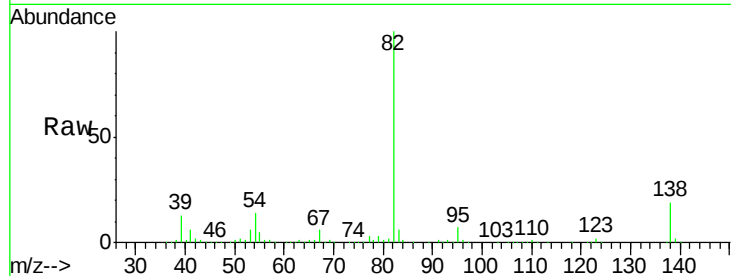
Tgt Ion: 82 Resp: 839659

Ion Ratio Lower Upper

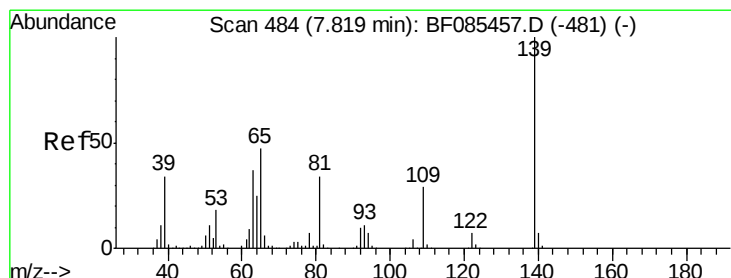
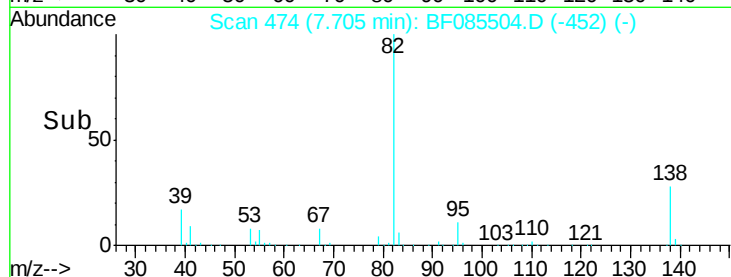
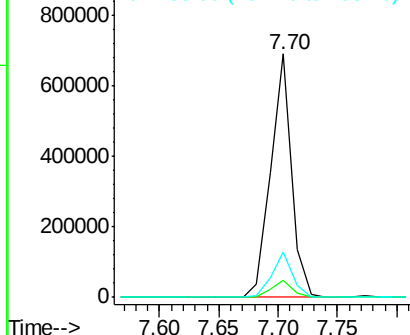
82 100

95 7.1 5.4 8.2

138 18.6 13.3 19.9



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 41.84 ng

RT: 7.78 min Scan# 481

Delta R.T. -0.03 min

Lab File: BF085504.D

Acq: 17 Mar 2016 21:19

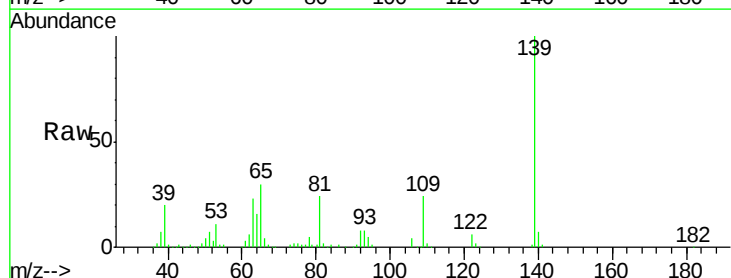
Tgt Ion: 139 Resp: 228083

Ion Ratio Lower Upper

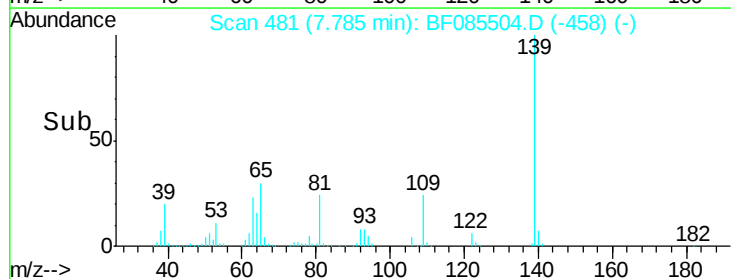
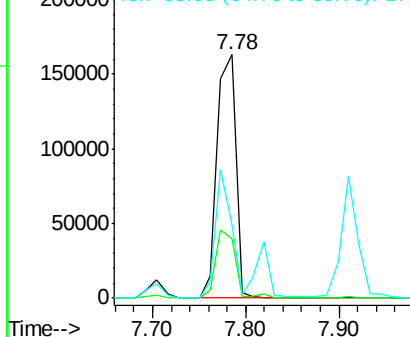
139 100

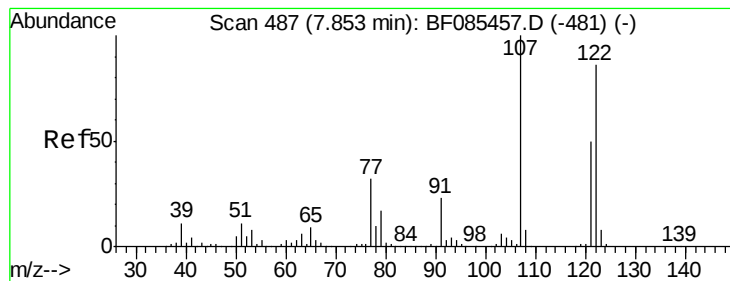
109 24.3 19.1 28.7

65 30.4 23.9 35.9



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





#27

2,4-Dimethylphenol

Concen: 43.79 ng

RT: 7.82 min Scan# 484

Delta R.T. -0.03 min

Lab File: BF085504.D

Acq: 17 Mar 2016 21:19

Instrument :

BNA_F

ClientSampleId :

PB88925BS

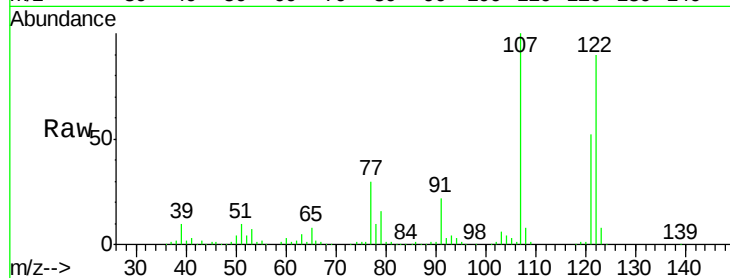
Tgt Ion:122 Resp: 424533

Ion Ratio Lower Upper

122 100

107 111.3 84.8 127.2

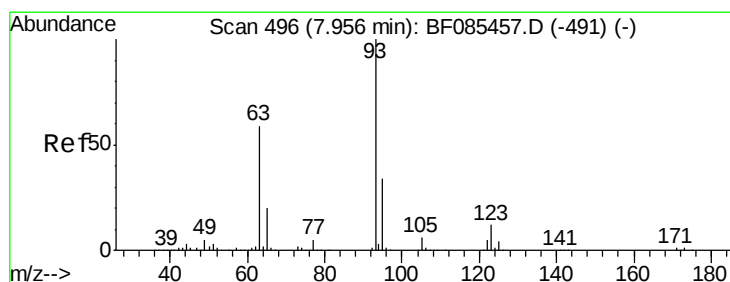
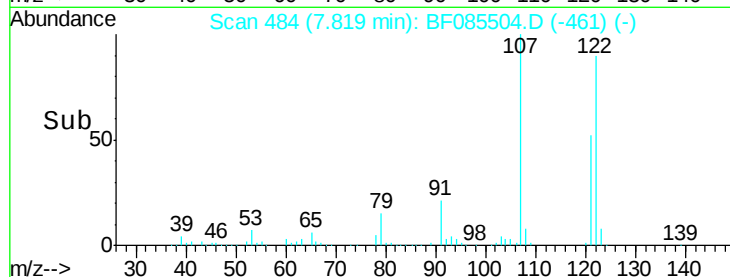
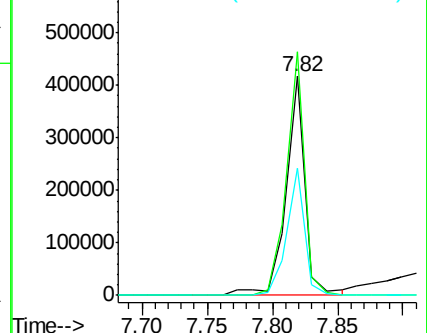
121 58.3 47.0 70.6



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: 39.98 ng

RT: 7.91 min Scan# 492

Delta R.T. -0.05 min

Lab File: BF085504.D

Acq: 17 Mar 2016 21:19

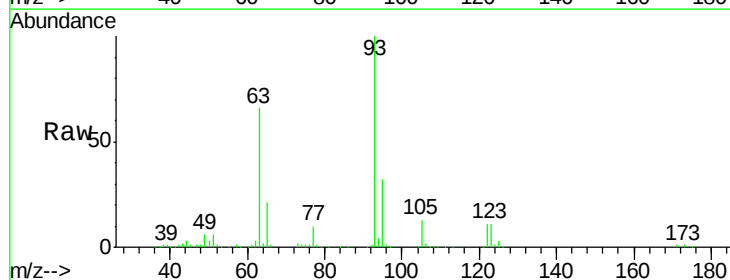
Tgt Ion: 93 Resp: 492293

Ion Ratio Lower Upper

93 100

95 32.4 25.9 38.9

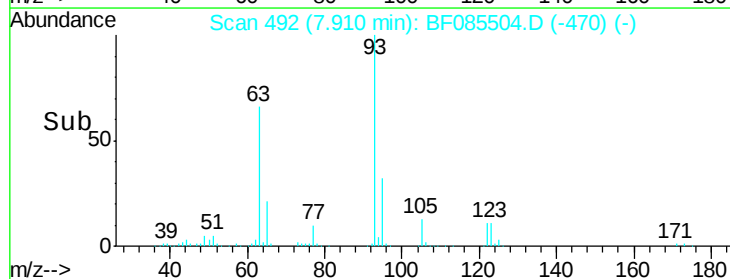
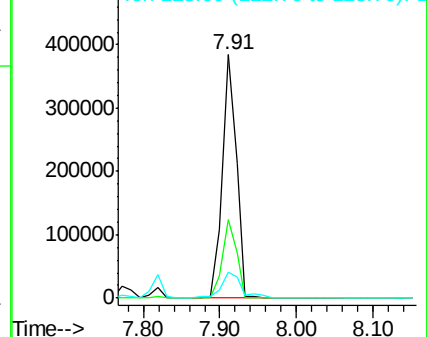
123 10.8 8.8 13.2

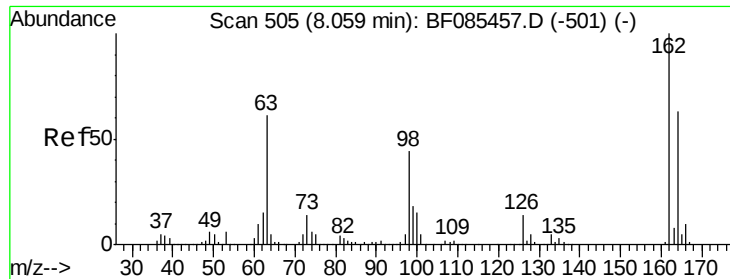


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

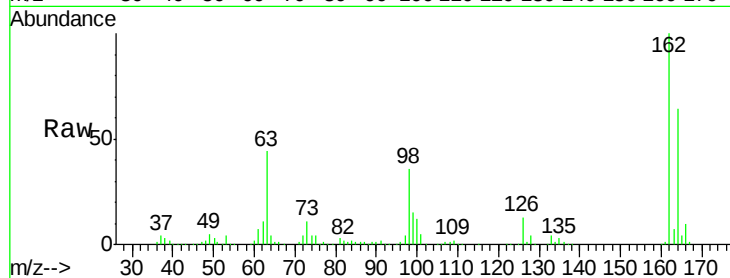




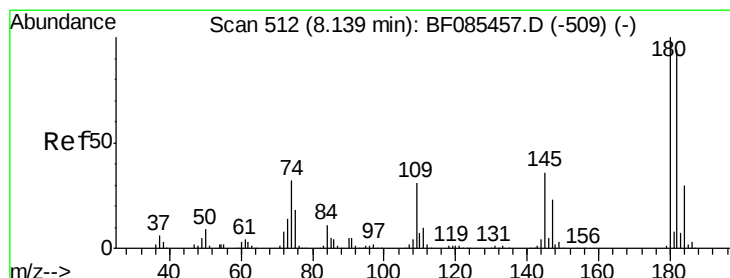
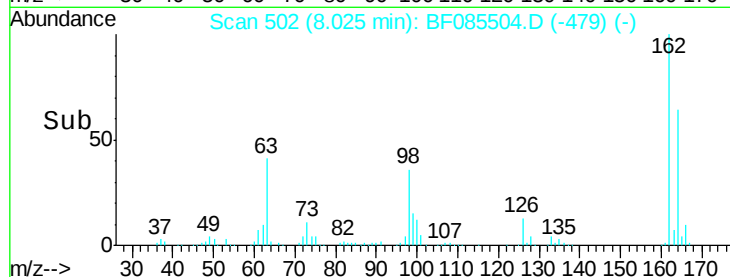
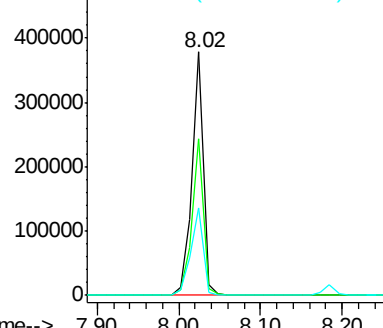
#29
2,4-Dichlorophenol
Concen: 46.46 ng
RT: 8.02 min Scan# 502
Delta R.T. -0.03 min
Lab File: BF085504.D
Acq: 17 Mar 2016 21:19

Instrument :
BNA_F
ClientSampleId :
PB88925BS

Tgt Ion:162 Resp: 365451
Ion Ratio Lower Upper
162 100
164 64.2 45.7 85.7
98 36.1 9.4 49.4

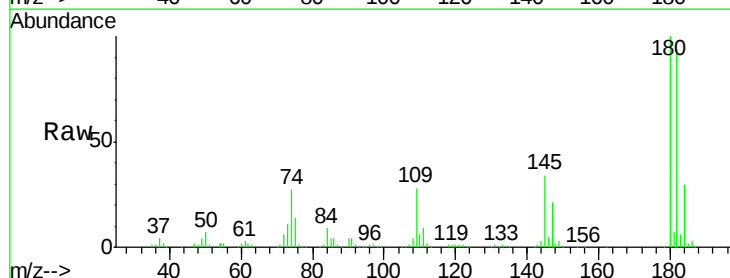


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

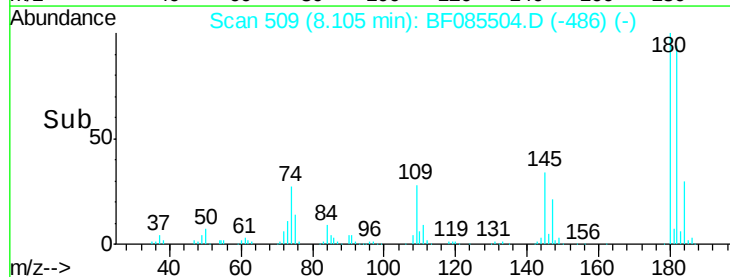
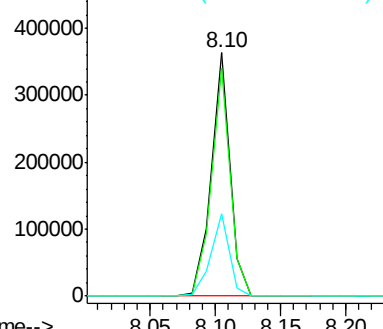


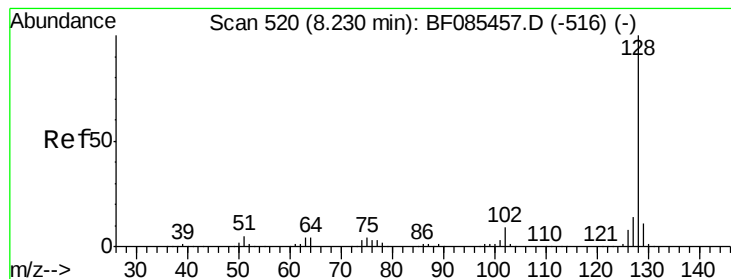
#30
1,2,4-Trichlorobenzene
Concen: 39.70 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.03 min
Lab File: BF085504.D
Acq: 17 Mar 2016 21:19

Tgt Ion:180 Resp: 360761
Ion Ratio Lower Upper
180 100
182 93.9 74.9 112.3
145 33.7 27.9 41.9



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





#31

Naphthalene

Concen: 40.29 ng

RT: 8.18 min Scan# 516

Delta R.T. -0.05 min

Lab File: BF085504.D

Acq: 17 Mar 2016 21:19

Instrument :

BNA_F

ClientSampleId :

PB88925BS

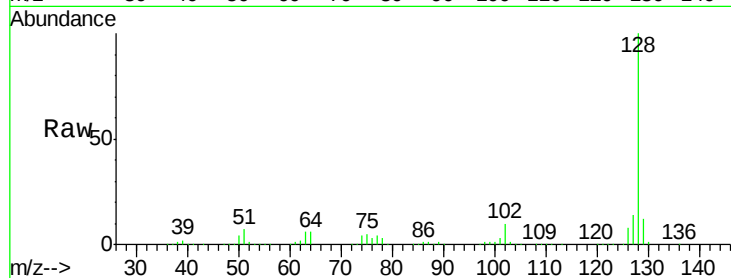
Tgt Ion:128 Resp: 1175421

Ion Ratio Lower Upper

128 100

129 11.6 9.7 14.5

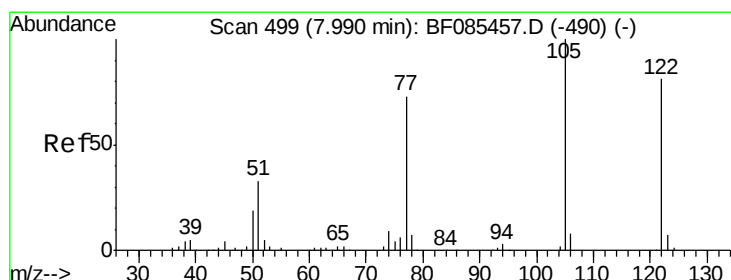
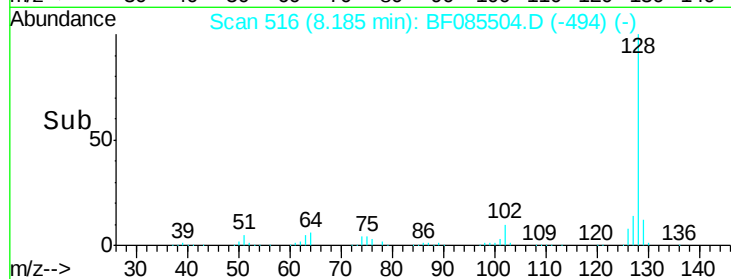
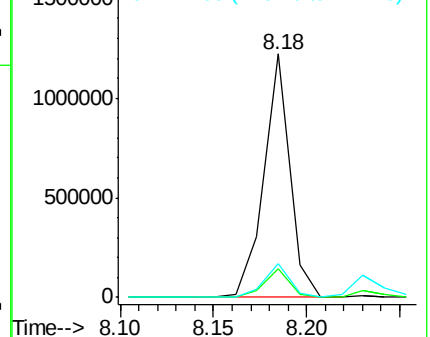
127 13.7 11.2 16.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 49.38 ng

RT: 7.94 min Scan# 495

Delta R.T. -0.05 min

Lab File: BF085504.D

Acq: 17 Mar 2016 21:19

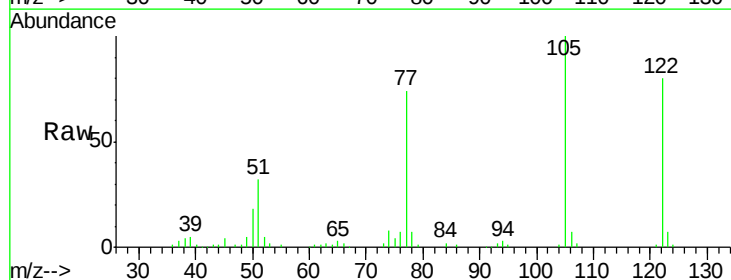
Tgt Ion:122 Resp: 275347

Ion Ratio Lower Upper

122 100

105 124.6 101.3 141.3

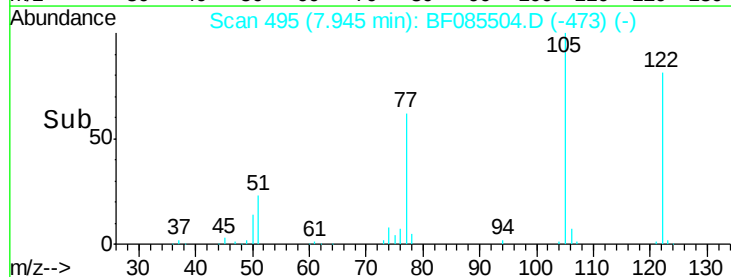
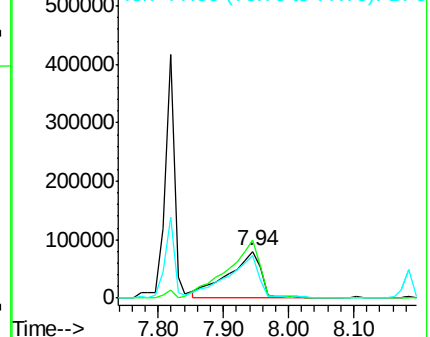
77 92.0 74.7 114.7

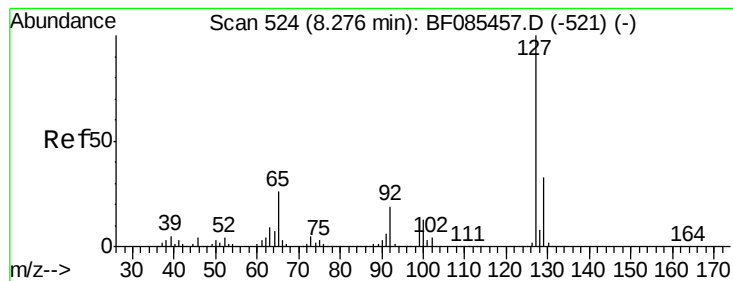


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 10.52 ng

RT: 8.23 min Scan# 520

Delta R.T. -0.05 min

Lab File: BF085504.D

Acq: 17 Mar 2016 21:19

Instrument :

BNA_F

ClientSampleId :

PB88925BS

Tgt Ion:127 Resp: 131997

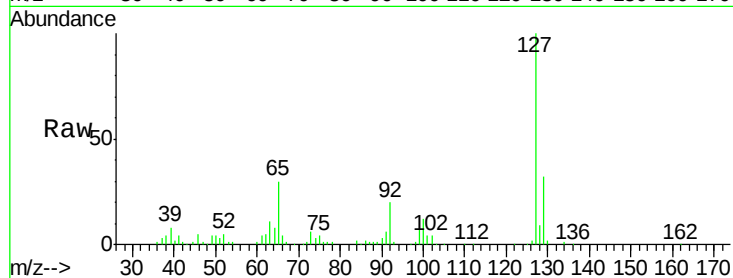
Ion Ratio Lower Upper

127 100

129 31.9 26.1 39.1

65 29.6 27.0 40.6

92 19.8 17.4 26.0

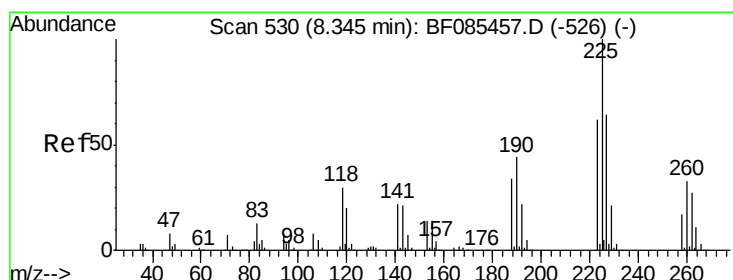
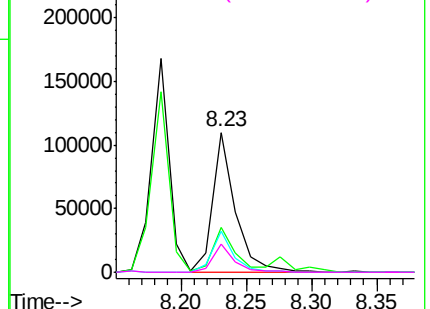
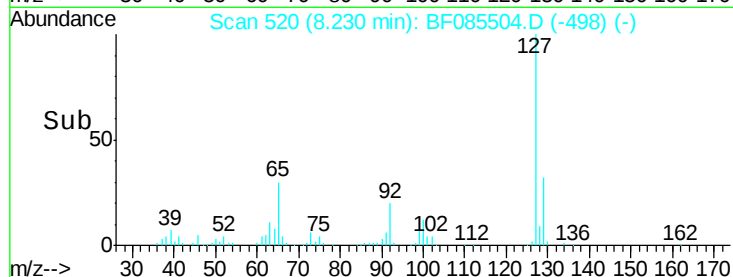


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 38.35 ng

RT: 8.30 min Scan# 526

Delta R.T. -0.05 min

Lab File: BF085504.D

Acq: 17 Mar 2016 21:19

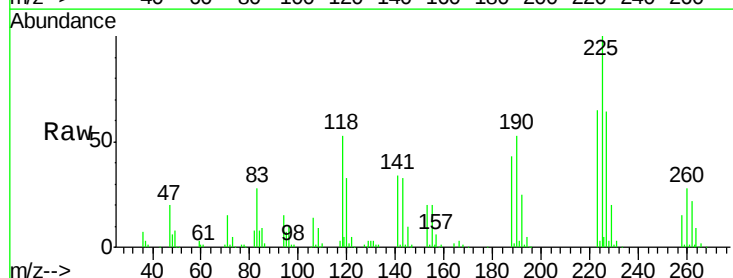
Tgt Ion:225 Resp: 182184

Ion Ratio Lower Upper

225 100

223 64.6 49.7 74.5

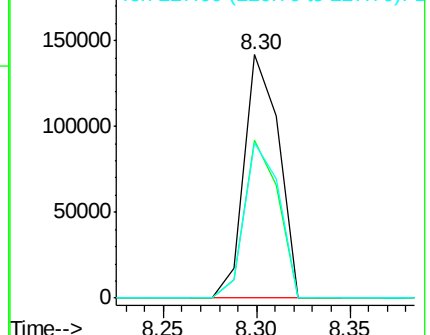
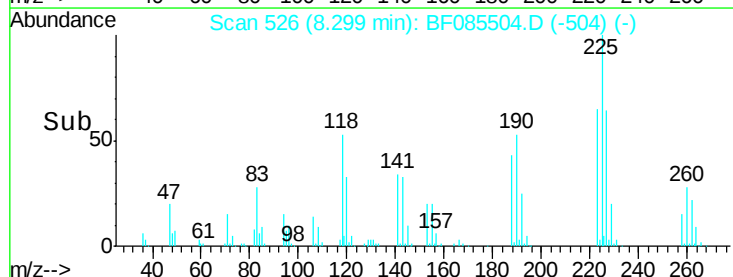
227 63.9 52.2 78.4

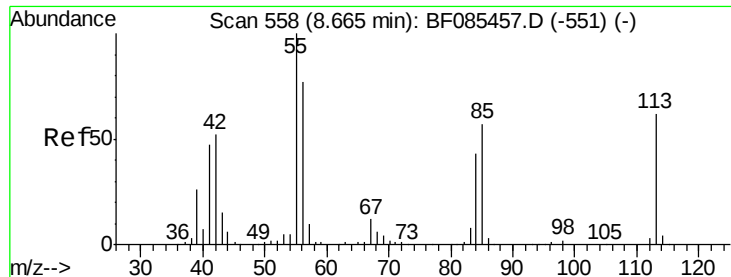


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

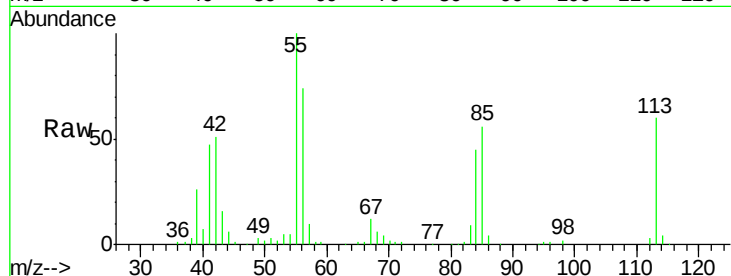




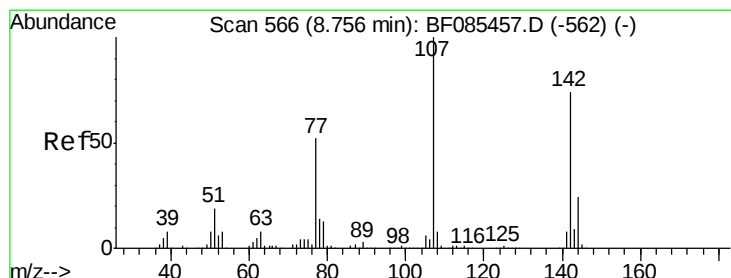
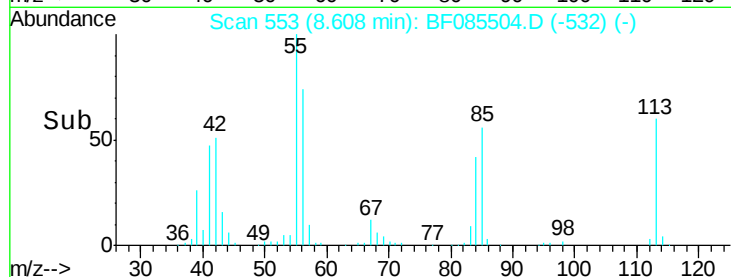
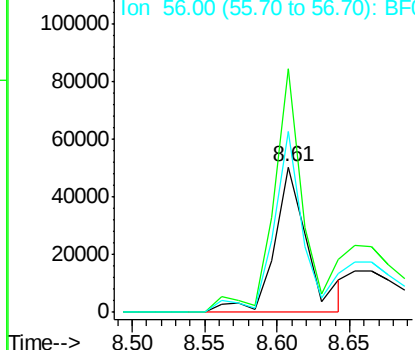
#35
 Caprolactam
 Concen: 31.23 ng
 RT: 8.61 min Scan# 553
 Delta R.T. -0.06 min
 Lab File: BF085504.D
 Acq: 17 Mar 2016 21:19

Instrument :
 BNA_F
 ClientSampled :
 PB88925BS

Tgt Ion:113 Resp: 80217
 Ion Ratio Lower Upper
 113 100
 55 167.3 152.7 192.7
 56 124.2 109.0 149.0

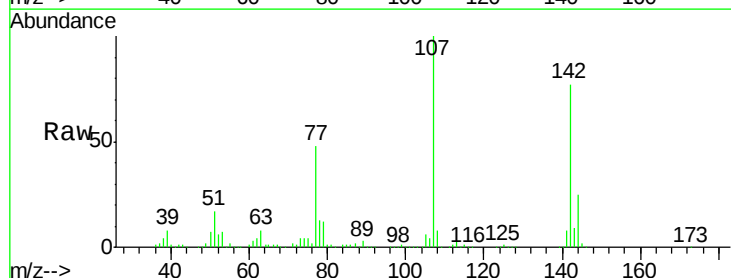


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

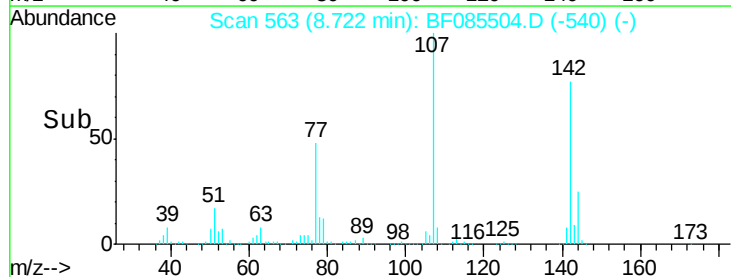
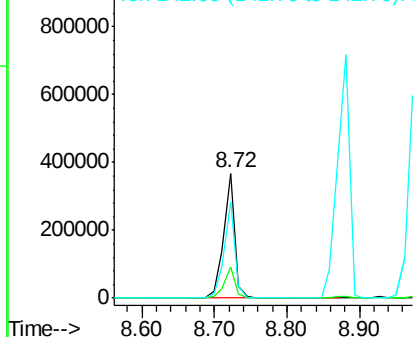


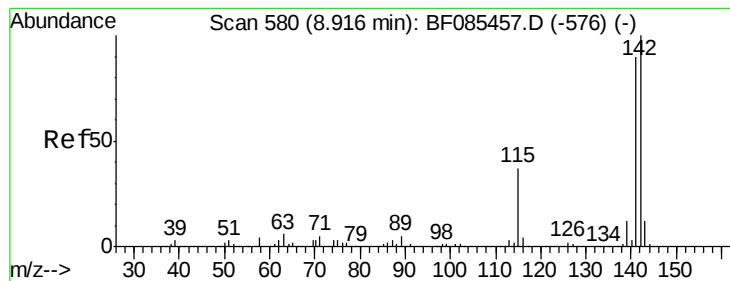
#36
 4-Chloro-3-methylphenol
 Concen: 43.67 ng
 RT: 8.72 min Scan# 563
 Delta R.T. -0.03 min
 Lab File: BF085504.D
 Acq: 17 Mar 2016 21:19

Tgt Ion:107 Resp: 392246
 Ion Ratio Lower Upper
 107 100
 144 25.0 19.4 29.2
 142 77.4 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: 45.83 ng

RT: 8.88 min Scan# 577

Delta R.T. -0.03 min

Lab File: BF085504.D

Acq: 17 Mar 2016 21:19

Instrument :

BNA_F

ClientSampleId :

PB88925BS

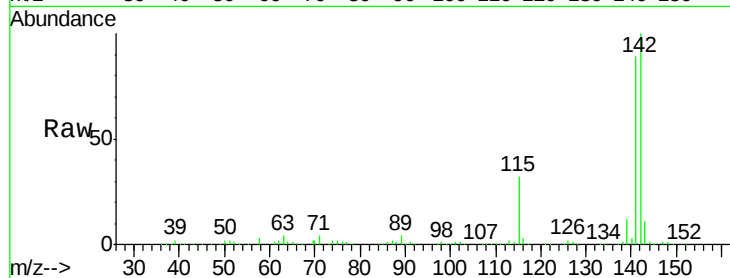
Tgt Ion:142 Resp: 846752

Ion Ratio Lower Upper

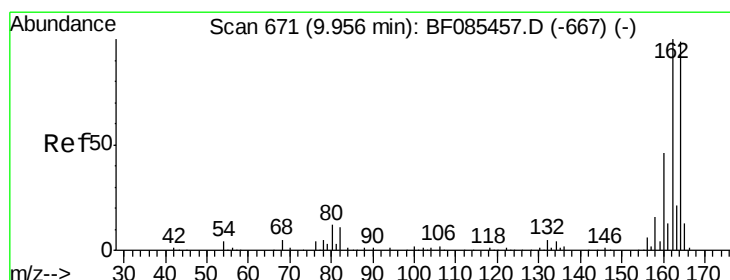
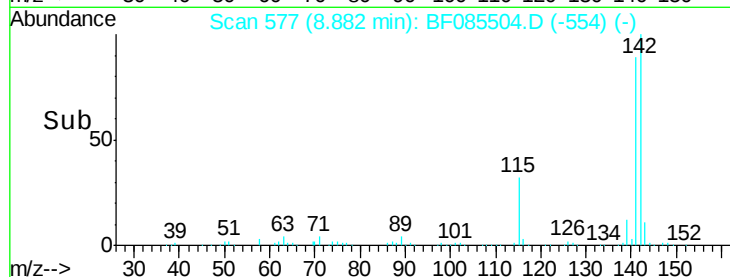
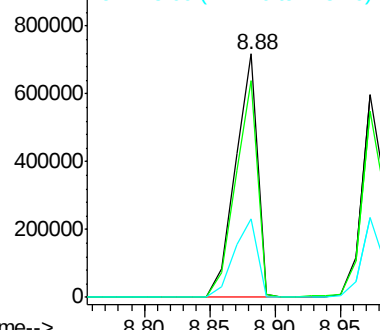
142 100

141 89.2 71.7 107.5

115 32.3 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: 9.92 min Scan# 668

Delta R.T. -0.03 min

Lab File: BF085504.D

Acq: 17 Mar 2016 21:19

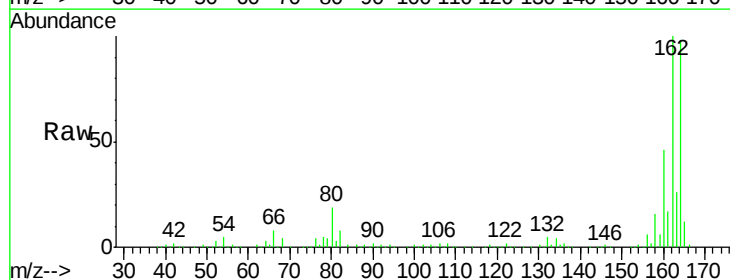
Tgt Ion:164 Resp: 274188

Ion Ratio Lower Upper

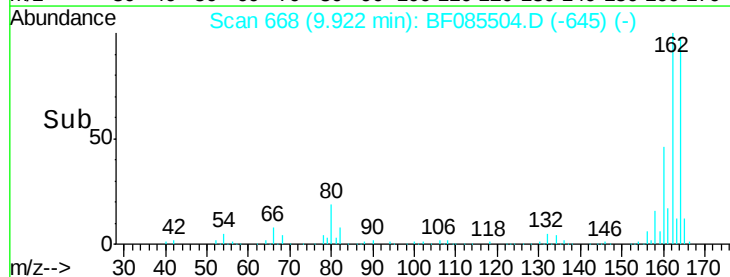
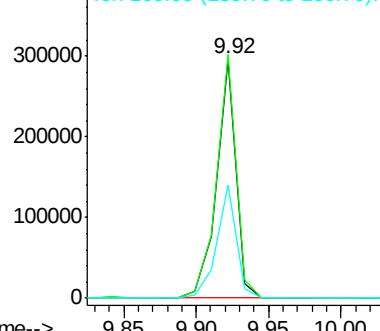
164 100

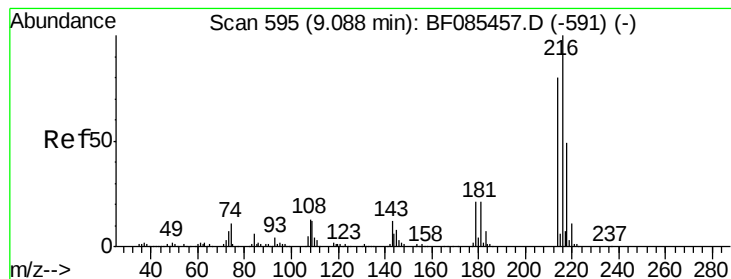
162 101.9 83.3 124.9

160 47.1 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: 35.61 ng

RT: 9.04 min Scan# 591

Delta R.T. -0.05 min

Lab File: BF085504.D

Acq: 17 Mar 2016 21:19

Instrument :

BNA_F

ClientSampleId :

PB88925BS

Tgt Ion:216 Resp: 303691

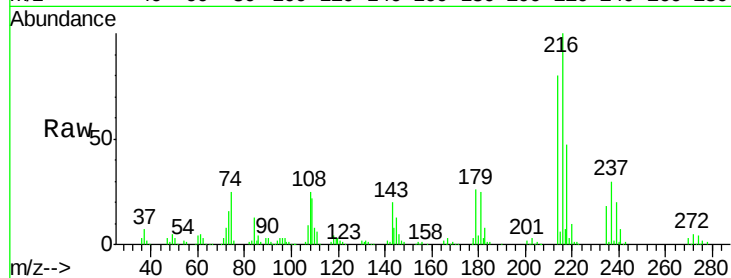
Ion Ratio Lower Upper

216 100

214 78.7 63.8 95.6

179 23.1 19.6 29.4

108 23.5 19.6 29.4

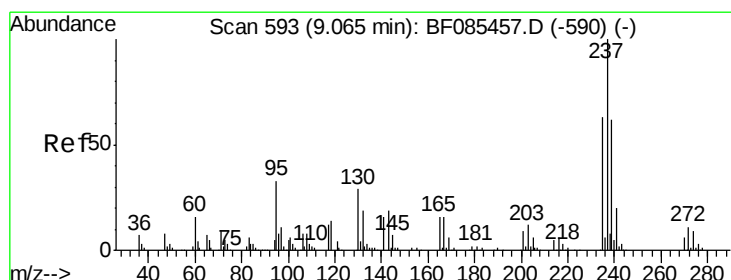
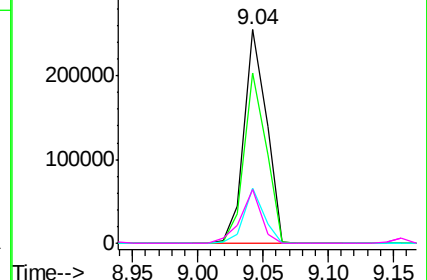
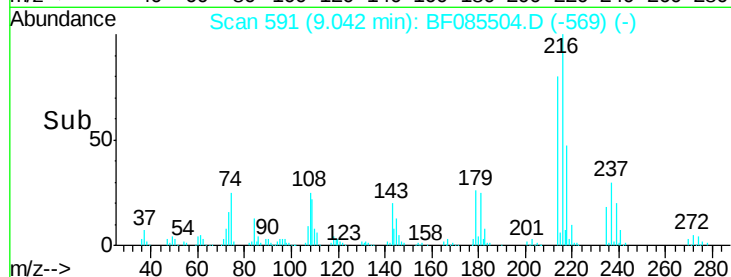


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 70.38 ng

RT: 9.03 min Scan# 590

Delta R.T. -0.03 min

Lab File: BF085504.D

Acq: 17 Mar 2016 21:19

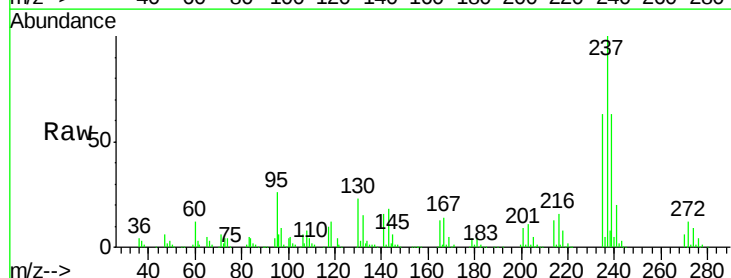
Tgt Ion:237 Resp: 290078

Ion Ratio Lower Upper

237 100

235 63.3 43.7 83.7

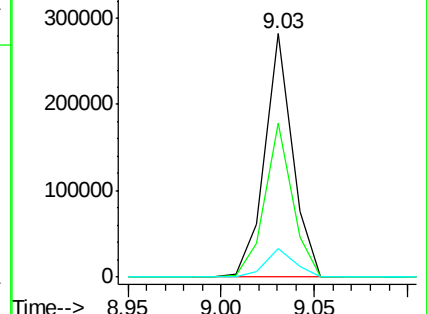
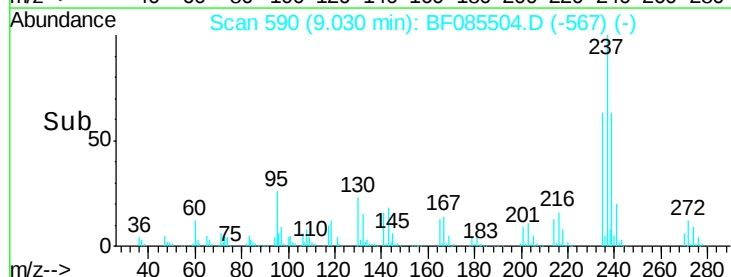
272 12.0 0.0 31.5

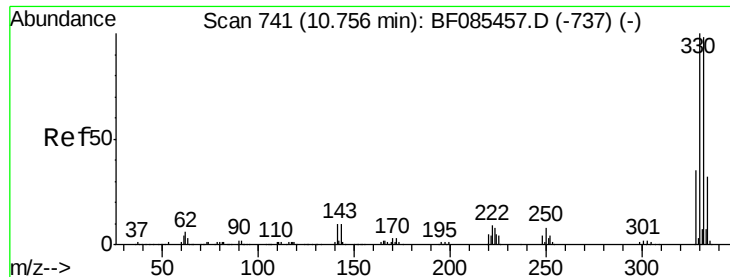


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

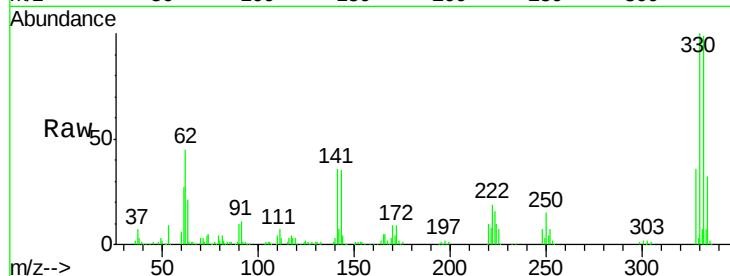




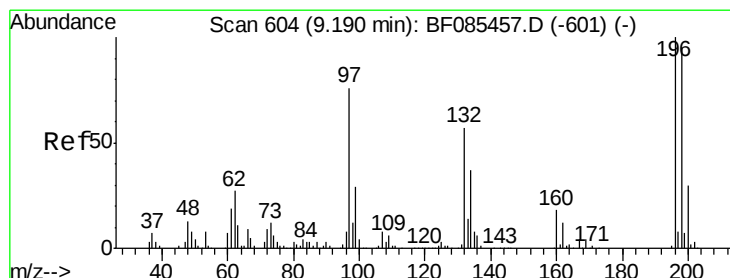
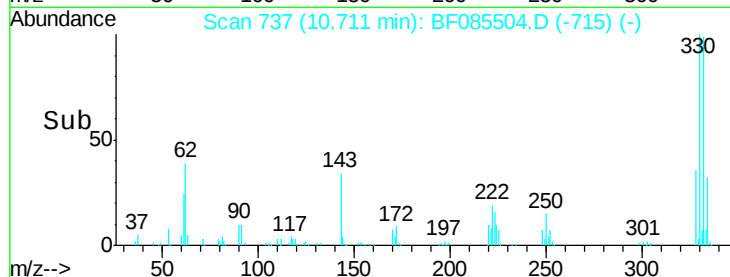
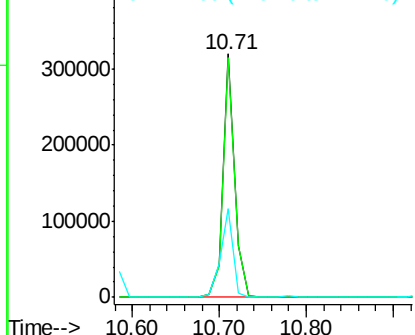
#41
 2,4,6-Tribromophenol
 Concen: 119.90 ng
 RT: 10.71 min Scan# 737
 Delta R.T. -0.05 min
 Lab File: BF085504.D
 Acq: 17 Mar 2016 21:19

Instrument :
 BNA_F
 ClientSampleId :
 PB88925BS

Tgt Ion:330 Resp: 302786
 Ion Ratio Lower Upper
 330 100
 332 98.4 77.1 115.7
 141 39.0 35.0 52.6

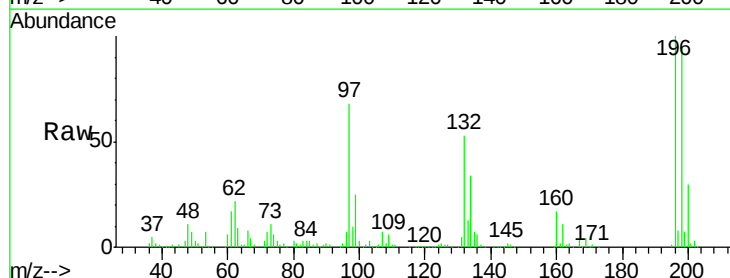


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

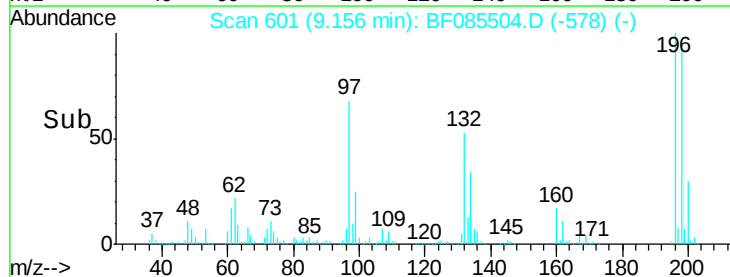
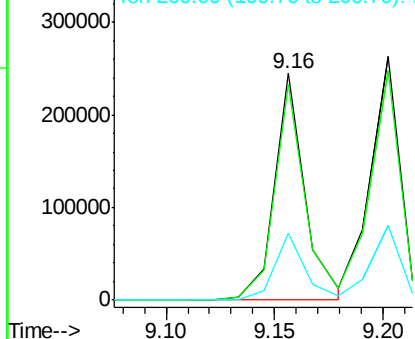


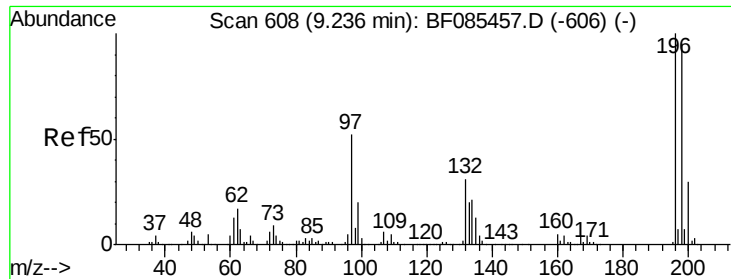
#42
 2,4,6-Trichlorophenol
 Concen: 42.53 ng
 RT: 9.16 min Scan# 601
 Delta R.T. -0.03 min
 Lab File: BF085504.D
 Acq: 17 Mar 2016 21:19

Tgt Ion:196 Resp: 239514
 Ion Ratio Lower Upper
 196 100
 198 94.8 77.8 116.6
 200 29.5 25.0 37.6



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

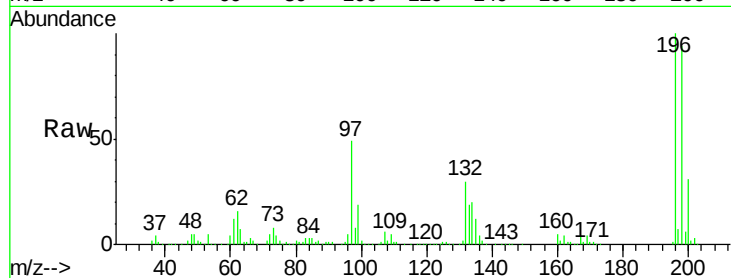




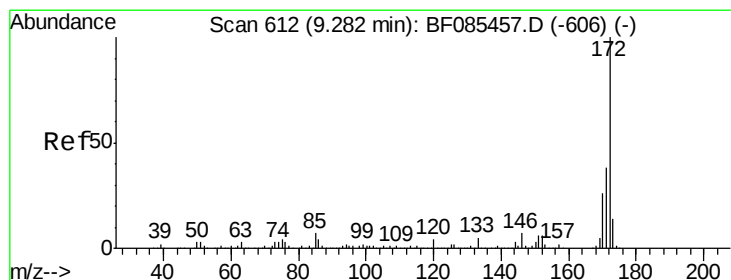
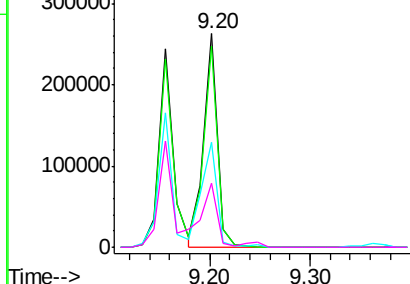
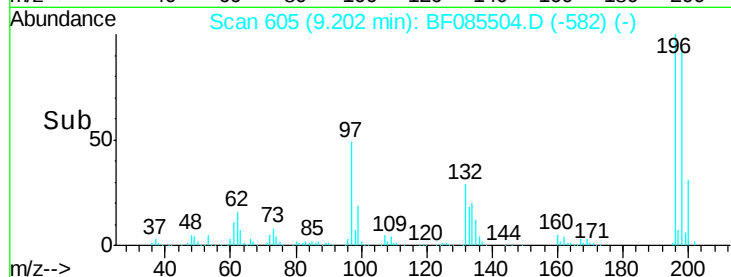
#43
 2,4,5-Trichlorophenol
 Concen: 44.37 ng
 RT: 9.20 min Scan# 605
 Delta R.T. -0.03 min
 Lab File: BF085504.D
 Acq: 17 Mar 2016 21:19

Instrument :
 BNA_F
 ClientSampleId :
 PB88925BS

Tgt Ion:196 Resp: 252402
 Ion Ratio Lower Upper
 196 100
 198 94.0 75.7 113.5
 97 49.1 46.4 69.6
 132 29.8 26.2 39.4

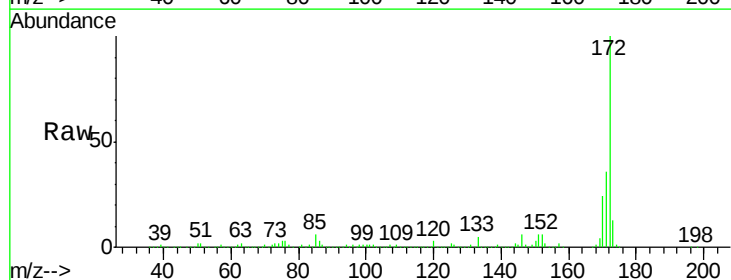


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

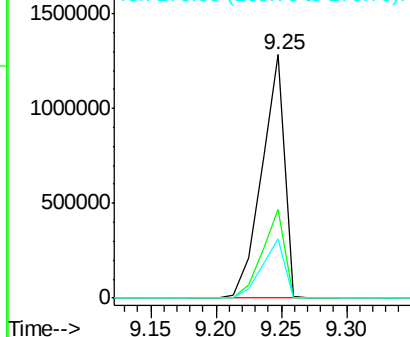
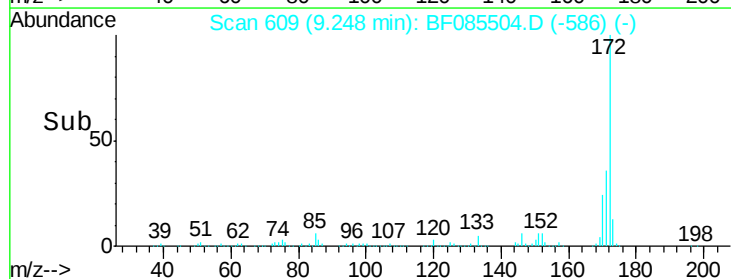


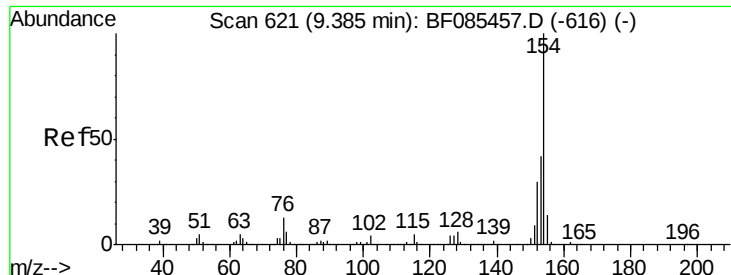
#44
 2-Fluorobiphenyl
 Concen: 98.79 ng
 RT: 9.25 min Scan# 609
 Delta R.T. -0.03 min
 Lab File: BF085504.D
 Acq: 17 Mar 2016 21:19

Tgt Ion:172 Resp: 1561397
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.3 43.9
 170 24.5 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

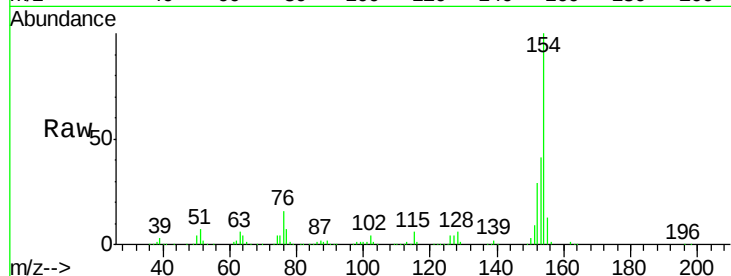




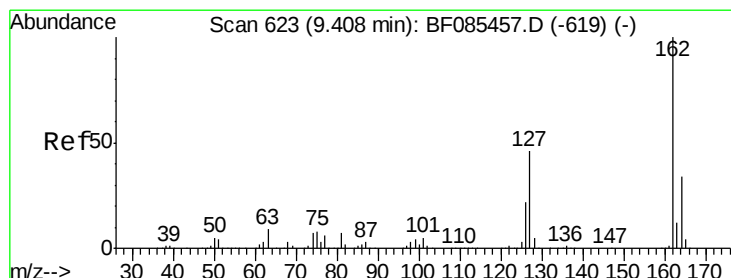
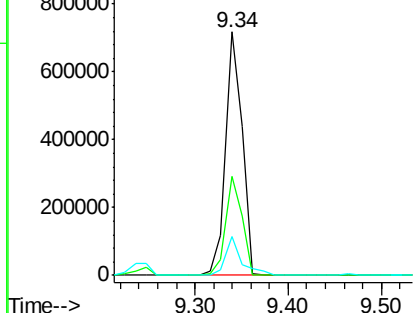
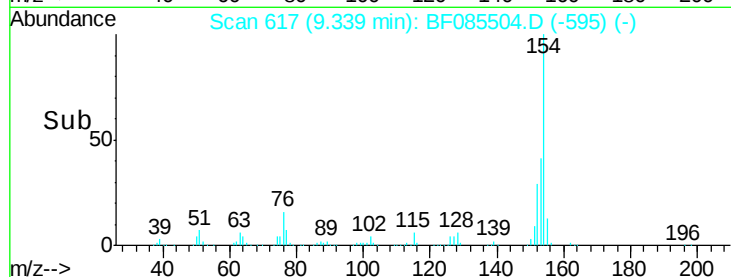
#45
 1,1'-Biphenyl
 Concen: 39.74 ng
 RT: 9.34 min Scan# 617
 Delta R.T. -0.05 min
 Lab File: BF085504.D
 Acq: 17 Mar 2016 21:19

Instrument :
 BNA_F
 ClientSampleId :
 PB88925BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.4	61.4
76	15.9	0.0	37.5

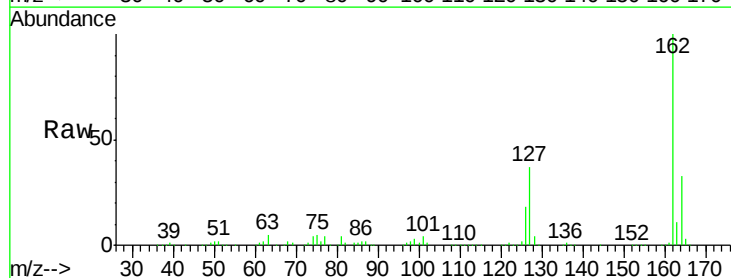


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

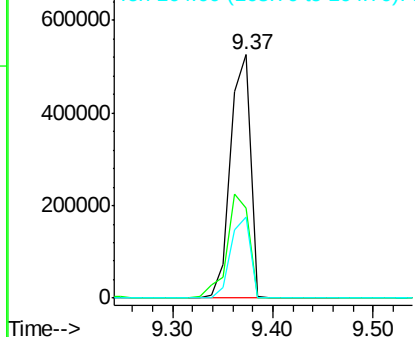
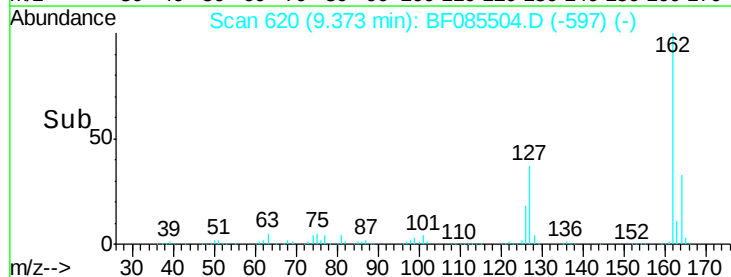


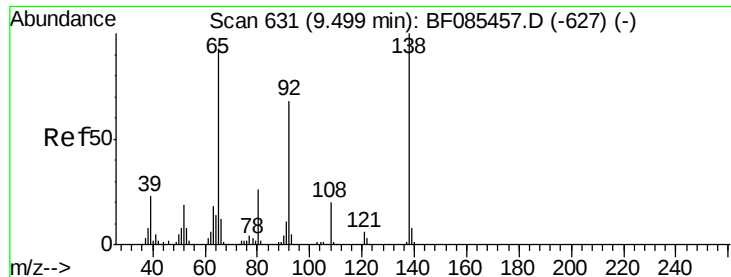
#46
 2-Chloronaphthalene
 Concen: 43.33 ng
 RT: 9.37 min Scan# 620
 Delta R.T. -0.03 min
 Lab File: BF085504.D
 Acq: 17 Mar 2016 21:19

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.9	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

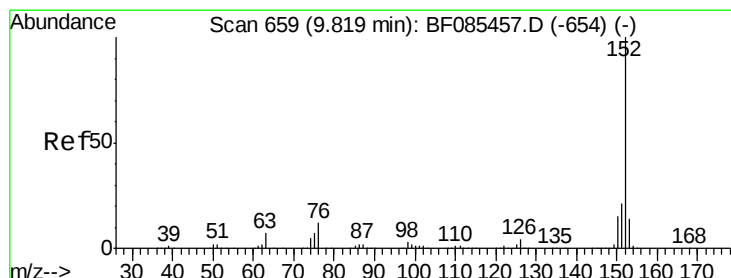
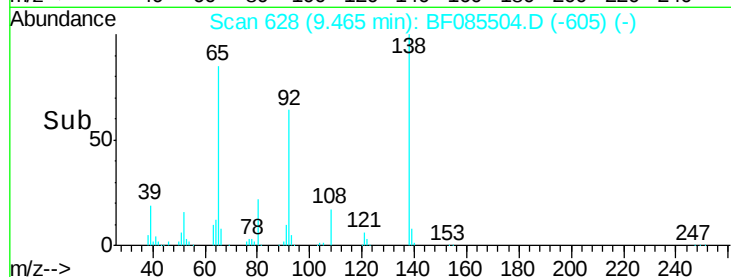
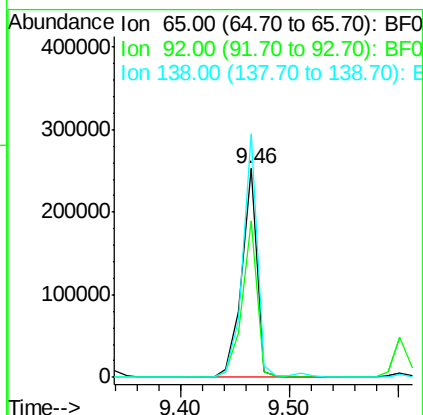
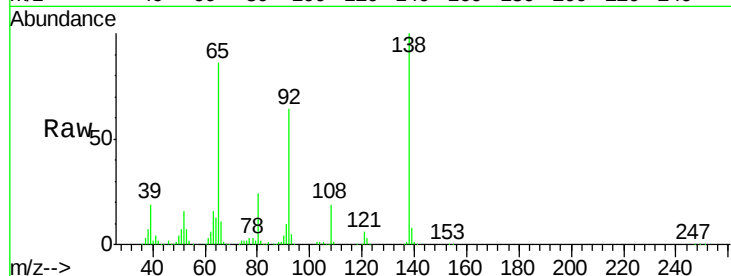




#47
2-Nitroaniline
Concen: 47.84 ng
RT: 9.46 min Scan# 628
Delta R.T. -0.03 min
Lab File: BF085504.D
Acq: 17 Mar 2016 21:19

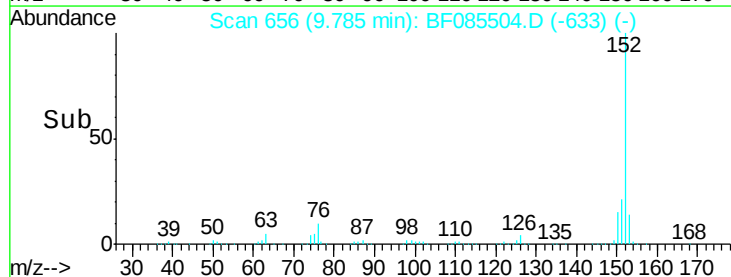
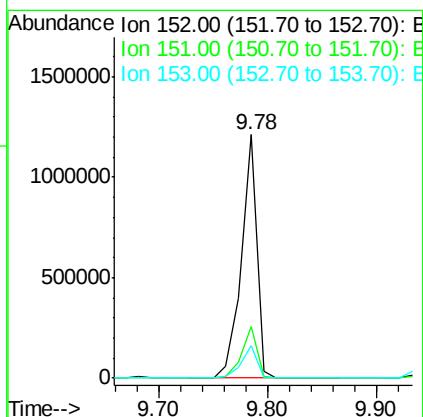
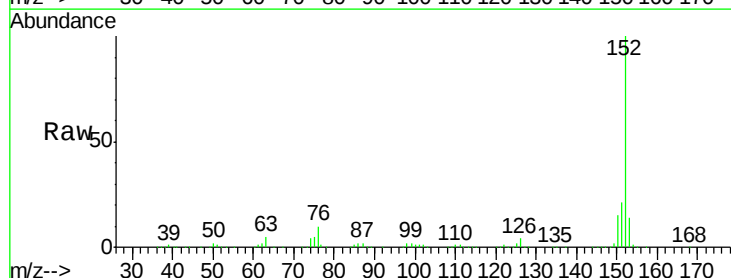
Instrument :
BNA_F
ClientSampleId :
PB88925BS

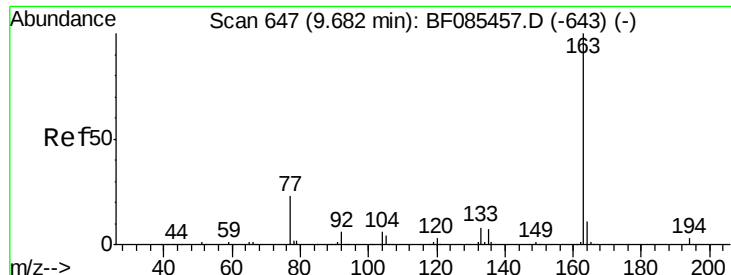
Tgt Ion: 65 Resp: 242925
Ion Ratio Lower Upper
65 100
92 74.8 55.4 83.2
138 116.5 75.7 113.5#



#48
Acenaphthylene
Concen: 43.23 ng
RT: 9.78 min Scan# 656
Delta R.T. -0.03 min
Lab File: BF085504.D
Acq: 17 Mar 2016 21:19

Tgt Ion: 152 Resp: 1172825
Ion Ratio Lower Upper
152 100
151 21.2 17.5 26.3
153 13.5 11.3 16.9





#49

Dimethylphthalate

Concen: 43.46 ng

RT: 9.65 min Scan# 644

Delta R.T. -0.03 min

Lab File: BF085504.D

Acq: 17 Mar 2016 21:19

Instrument :

BNA_F

ClientSampleId :

PB88925BS

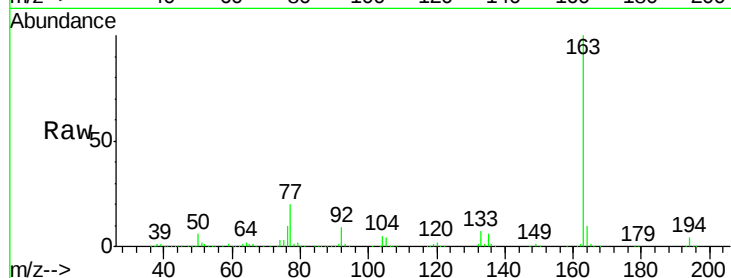
Tgt Ion:163 Resp: 869370

Ion Ratio Lower Upper

163 100

194 3.6 3.1 4.7

164 10.5 8.2 12.4

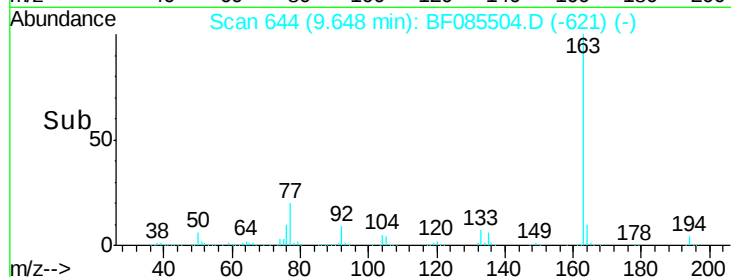


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

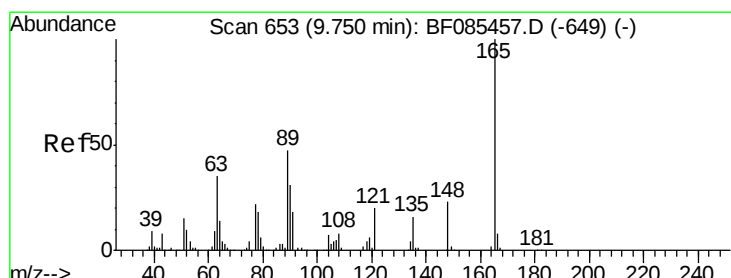
Ion 164.00 (163.70 to 164.70): E

Time-->



Abundance

Time-->



#50

2,6-Dinitrotoluene

Concen: 39.43 ng

RT: 9.70 min Scan# 649

Delta R.T. -0.05 min

Lab File: BF085504.D

Acq: 17 Mar 2016 21:19

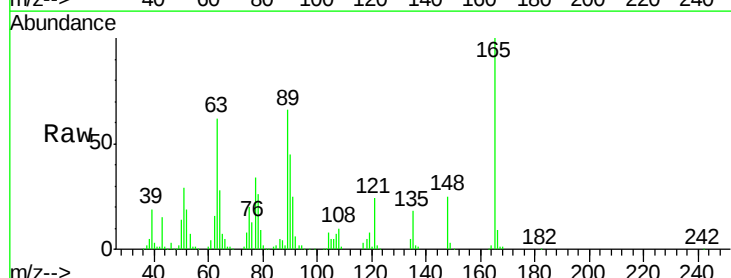
Tgt Ion:165 Resp: 174275

Ion Ratio Lower Upper

165 100

63 62.2 41.8 62.8

89 66.1 46.7 70.1

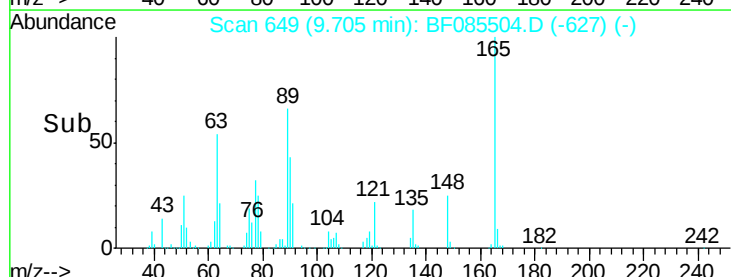


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

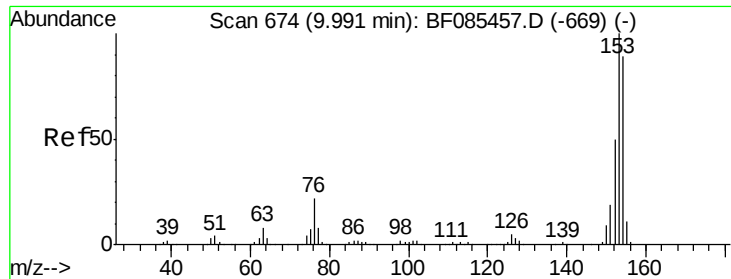
Ion 89.00 (88.70 to 89.70): BF0

Time-->



Abundance

Time-->



#51

Acenaphthene

Concen: 45.39 ng

RT: 9.96 min Scan# 671

Delta R.T. -0.03 min

Lab File: BF085504.D

Acq: 17 Mar 2016 21:19

Instrument :

BNA_F

ClientSampleId :

PB88925BS

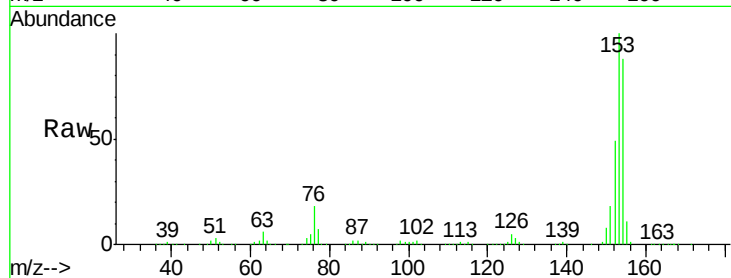
Tgt Ion:154 Resp: 774162

Ion Ratio Lower Upper

154 100

153 114.0 89.8 134.8

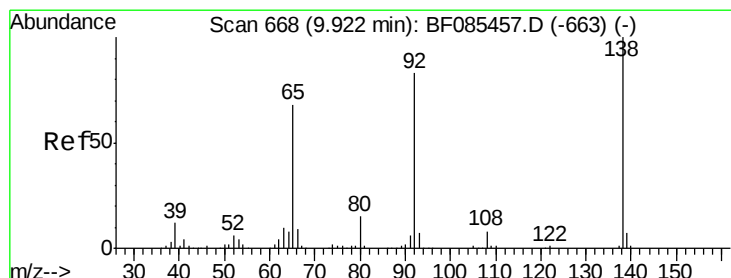
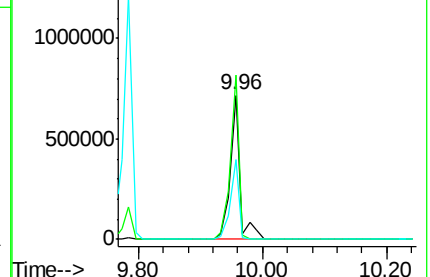
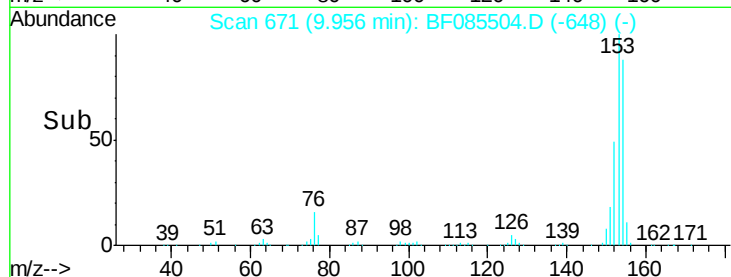
152 55.6 44.6 66.8



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: 26.26 ng

RT: 9.88 min Scan# 664

Delta R.T. -0.05 min

Lab File: BF085504.D

Acq: 17 Mar 2016 21:19

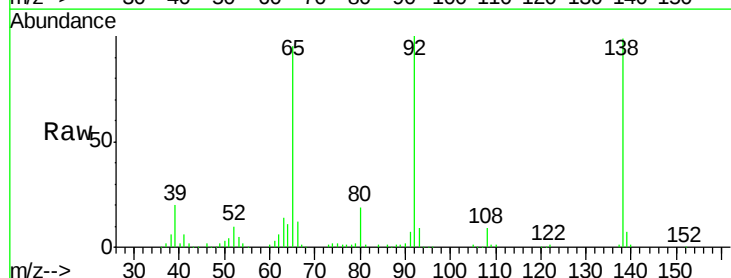
Tgt Ion:138 Resp: 138798

Ion Ratio Lower Upper

138 100

108 9.4 7.8 11.6

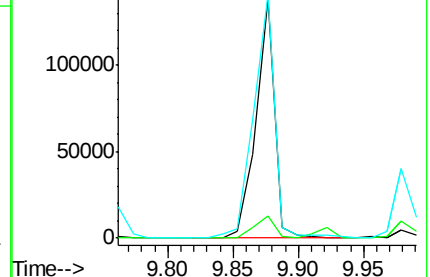
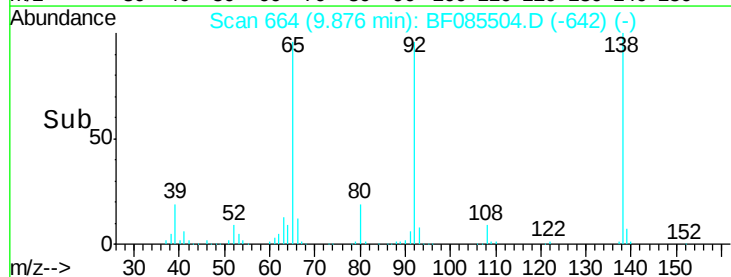
92 101.4 81.3 121.9

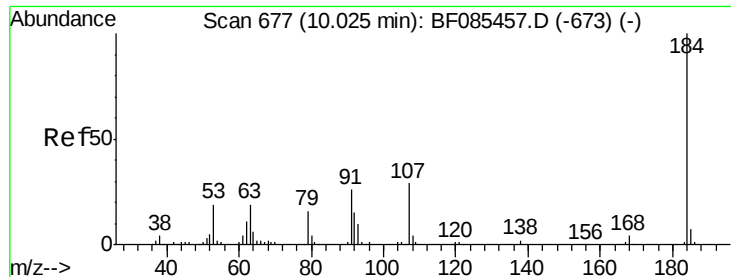


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

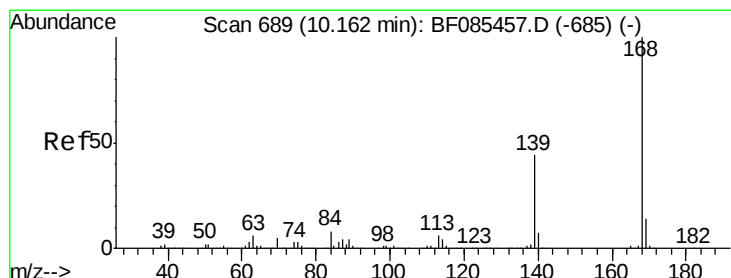
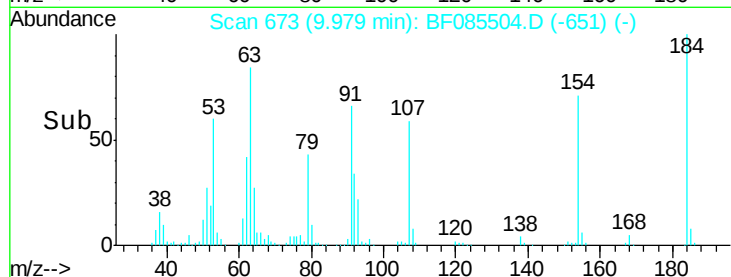
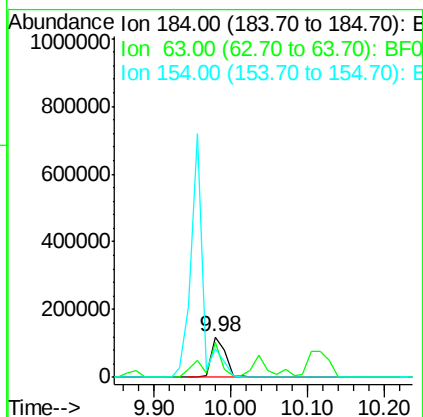
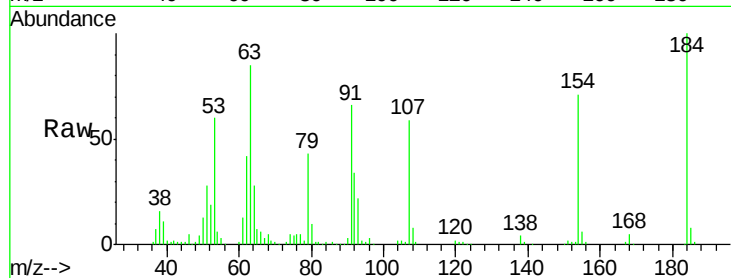




#53
2,4-Dinitrophenol
Concen: 65.65 ng
RT: 9.98 min Scan# 673
Delta R.T. -0.04 min
Lab File: BF085504.D
Acq: 17 Mar 2016 21:19

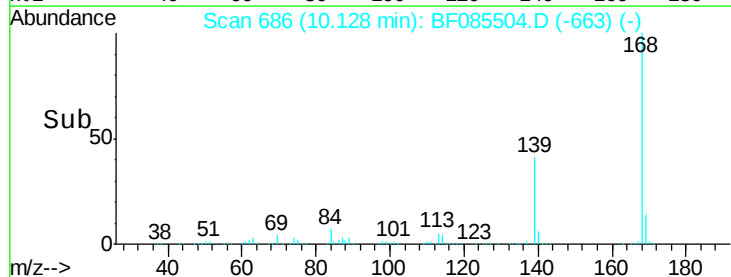
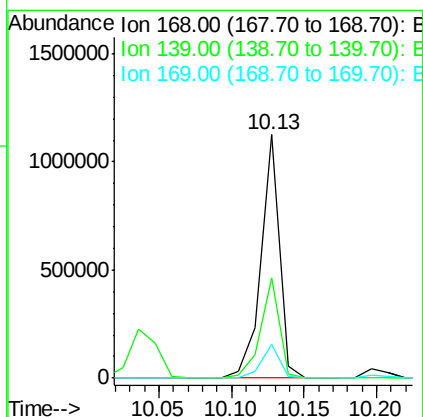
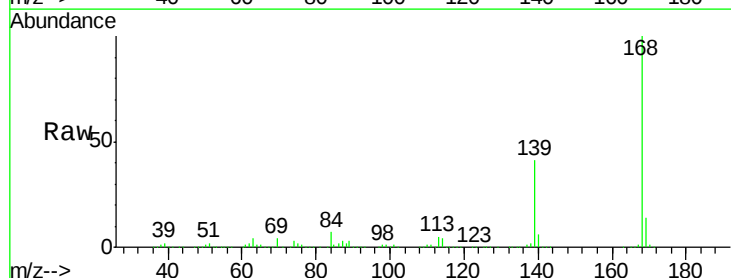
Instrument :
BNA_F
ClientSampleId :
PB88925BS

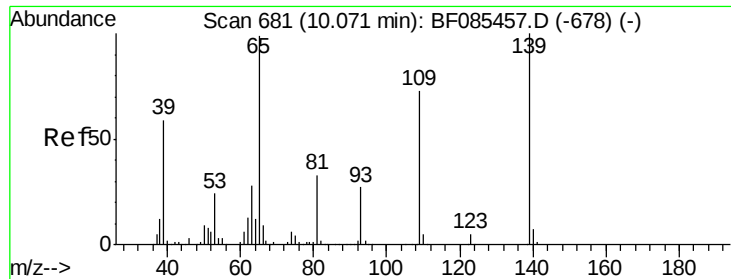
Tgt Ion:184 Resp: 155636
Ion Ratio Lower Upper
184 100
63 85.2 82.2 123.4
154 71.3 108.9 163.3#



#54
Dibenzofuran
Concen: 47.38 ng
RT: 10.13 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF085504.D
Acq: 17 Mar 2016 21:19

Tgt Ion:168 Resp: 992629
Ion Ratio Lower Upper
168 100
139 41.0 33.6 50.4
169 13.6 11.2 16.8

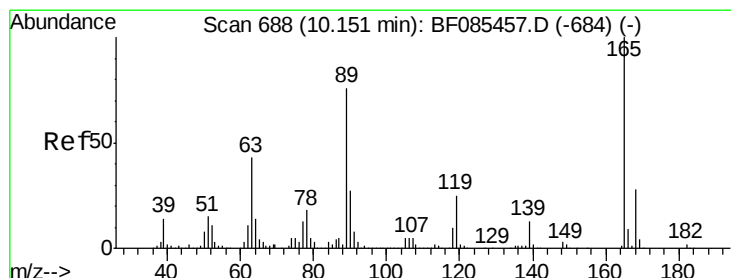
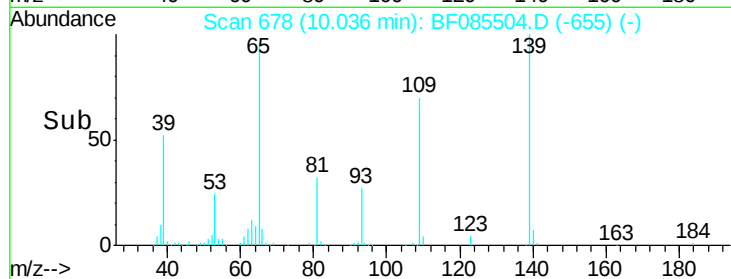
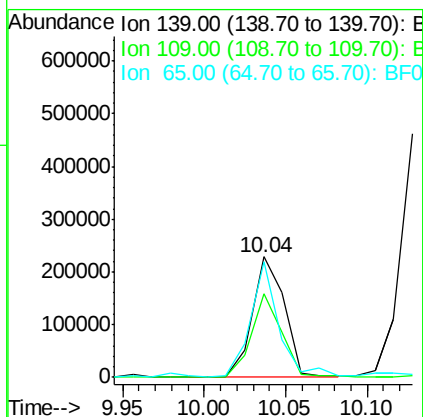
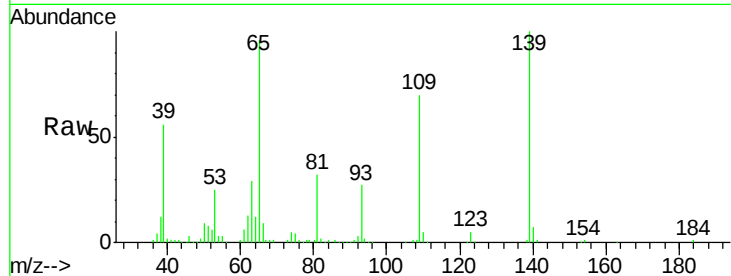




#55
4-Nitrophenol
Concen: 85.34 ng
RT: 10.04 min Scan# 678
Delta R.T. -0.03 min
Lab File: BF085504.D
Acq: 17 Mar 2016 21:19

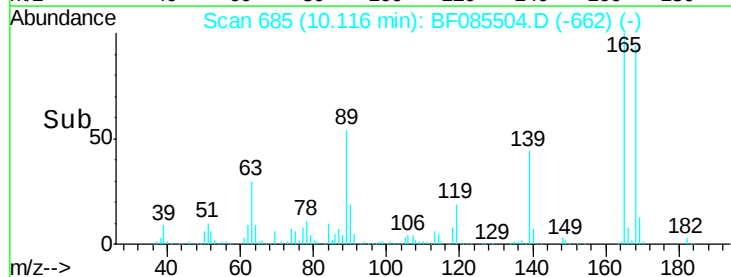
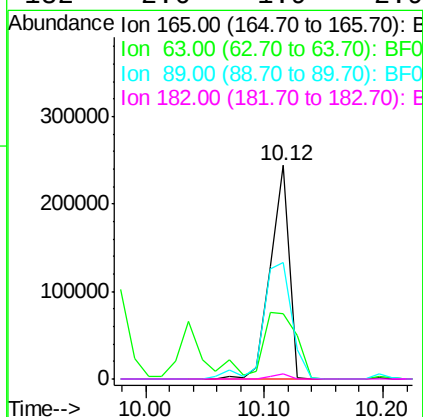
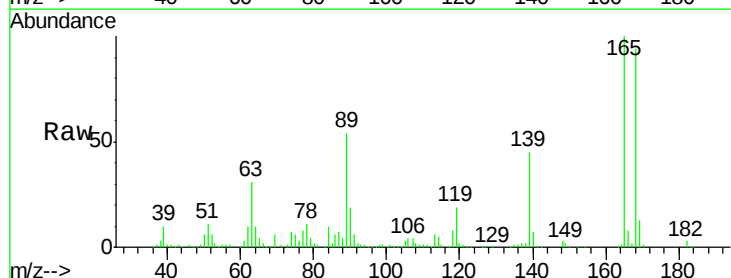
Instrument :
BNA_F
ClientSampleId :
PB88925BS

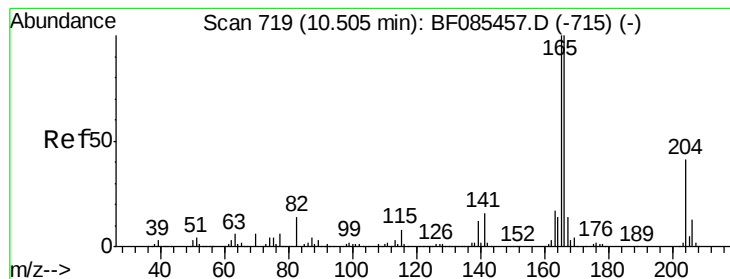
Tgt Ion:139 Resp: 310406
Ion Ratio Lower Upper
139 100
109 70.0 41.9 81.9
65 96.0 48.3 88.3#



#56
2,4-Dinitrotoluene
Concen: 48.73 ng
RT: 10.12 min Scan# 685
Delta R.T. -0.03 min
Lab File: BF085504.D
Acq: 17 Mar 2016 21:19

Tgt Ion:165 Resp: 270112
Ion Ratio Lower Upper
165 100
63 30.8 35.4 53.0#
89 54.3 61.9 92.9#
182 2.6 1.9 2.9





#57

Fluorene

Concen: 45.96 ng

RT: 10.47 min Scan# 716

Delta R.T. -0.03 min

Lab File: BF085504.D

Acq: 17 Mar 2016 21:19

Instrument :

BNA_F

ClientSampleId :

PB88925BS

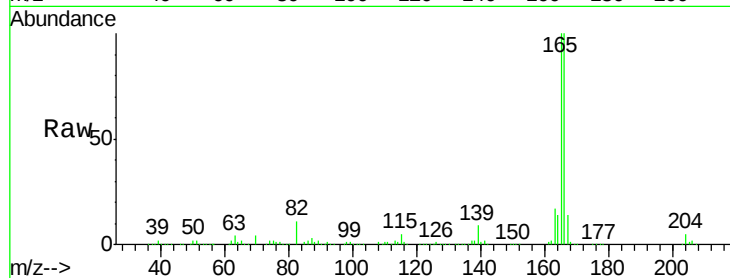
Tgt Ion:166 Resp: 767890

Ion Ratio Lower Upper

166 100

165 100.4 79.4 119.0

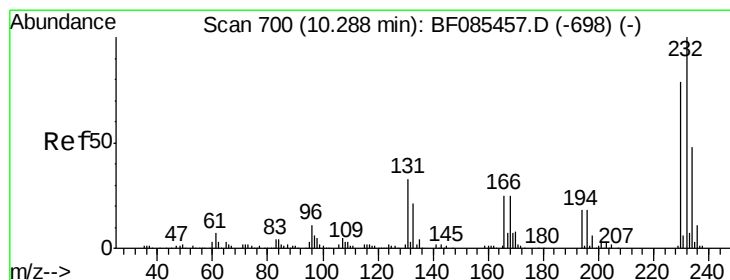
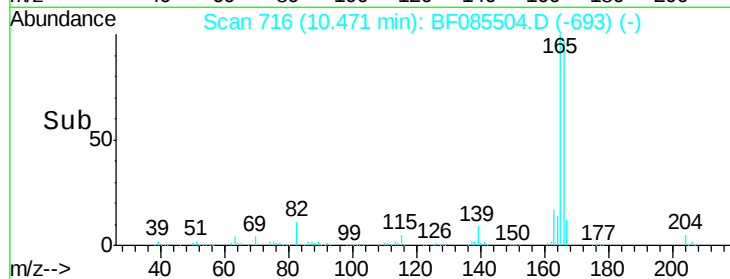
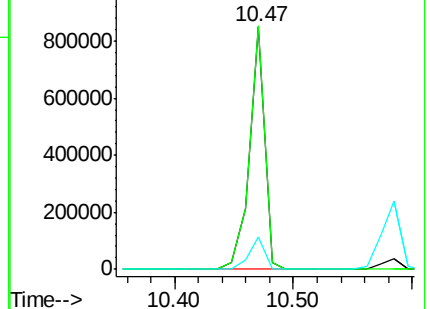
167 13.6 11.0 16.6



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: 46.68 ng

RT: 10.24 min Scan# 696

Delta R.T. -0.05 min

Lab File: BF085504.D

Acq: 17 Mar 2016 21:19

Tgt Ion:232 Resp: 182334

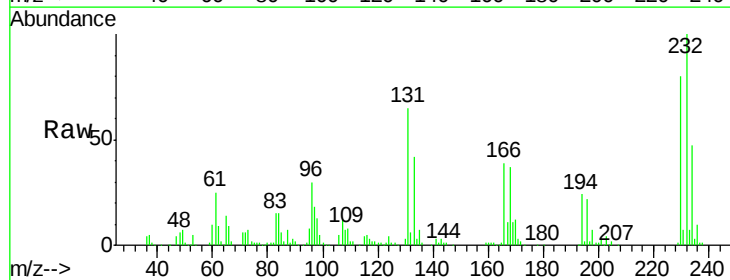
Ion Ratio Lower Upper

232 100

131 54.9 46.0 69.0

130 2.8 2.2 3.4

166 33.6 28.8 43.2

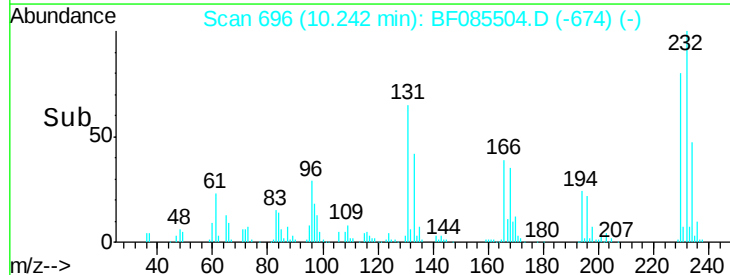
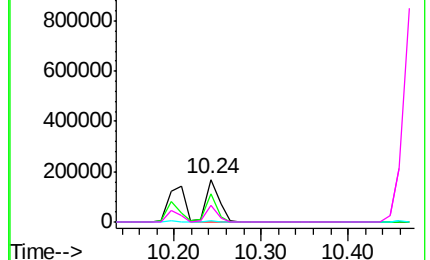


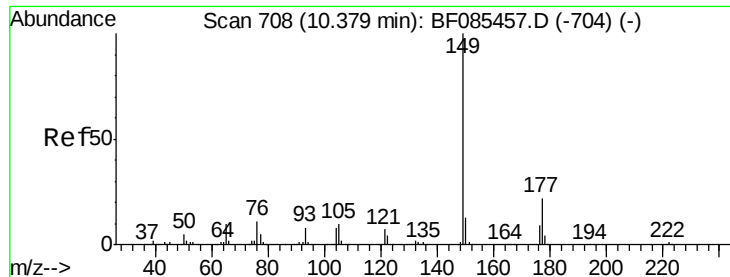
Abundance Ion 232.00 (231.70 to 232.70): E

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

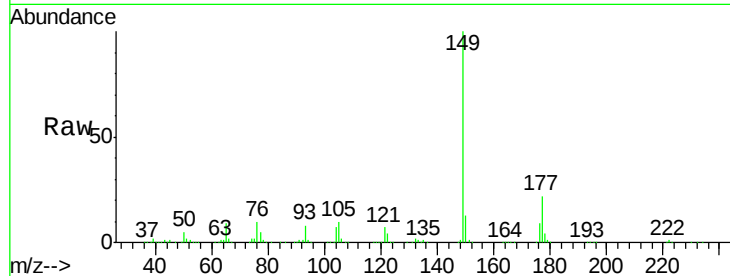




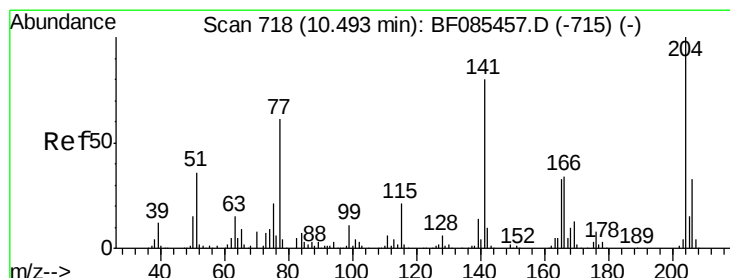
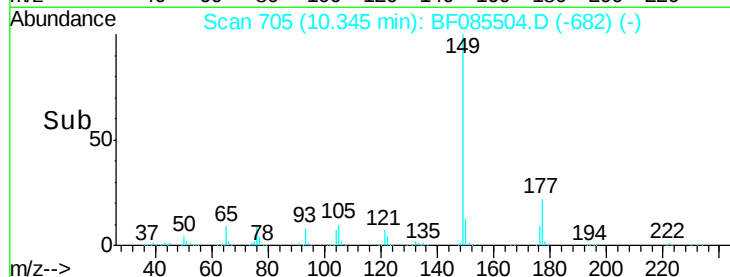
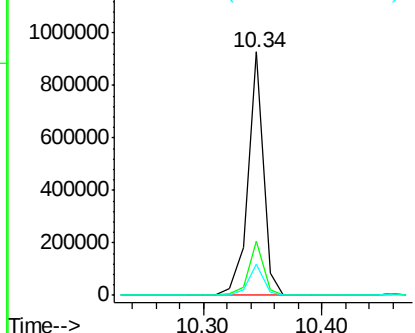
#59
Diethylphthalate
Concen: 43.46 ng
RT: 10.34 min Scan# 705
Delta R.T. -0.03 min
Lab File: BF085504.D
Acq: 17 Mar 2016 21:19

Instrument :
BNA_F
ClientSampleId :
PB88925BS

Tgt Ion:149 Resp: 841655
Ion Ratio Lower Upper
149 100
177 22.2 19.2 28.8
150 13.0 9.9 14.9

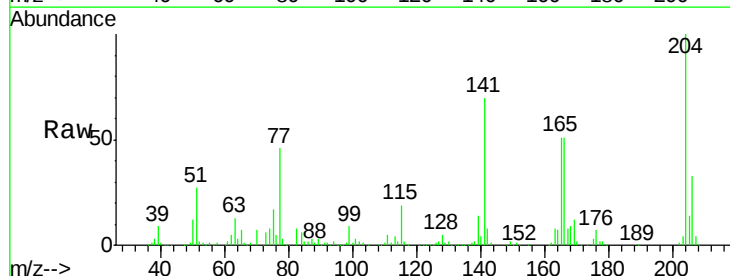


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

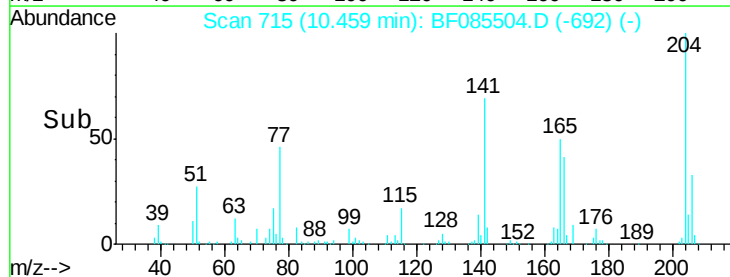
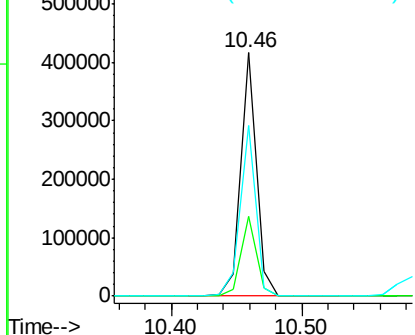


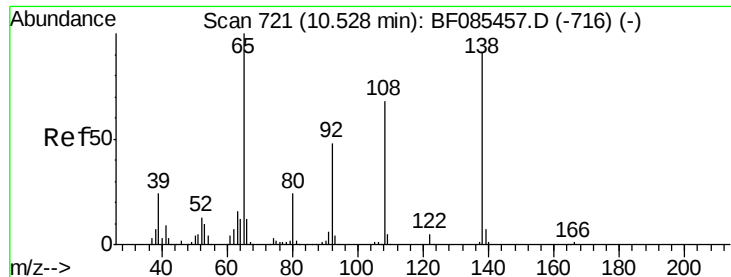
#60
4-Chlorophenyl-phenylether
Concen: 40.00 ng
RT: 10.46 min Scan# 715
Delta R.T. -0.03 min
Lab File: BF085504.D
Acq: 17 Mar 2016 21:19

Tgt Ion:204 Resp: 343405
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 69.8 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: 41.76 ng

RT: 10.49 min Scan# 718

Delta R.T. -0.03 min

Lab File: BF085504.D

Acq: 17 Mar 2016 21:19

Instrument :

BNA_F

ClientSampleId :

PB88925BS

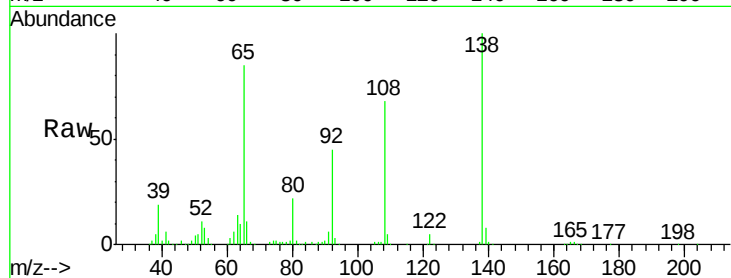
Tgt Ion:138 Resp: 207500

Ion Ratio Lower Upper

138 100

92 45.3 34.2 74.2

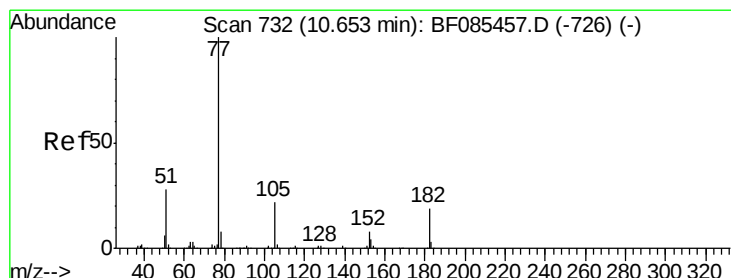
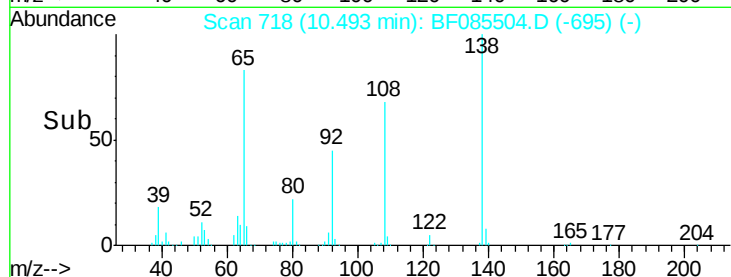
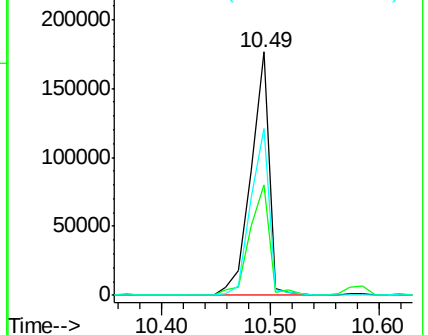
108 68.5 53.9 93.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 45.55 ng

RT: 10.62 min Scan# 729

Delta R.T. -0.03 min

Lab File: BF085504.D

Acq: 17 Mar 2016 21:19

Tgt Ion: 77 Resp: 875917

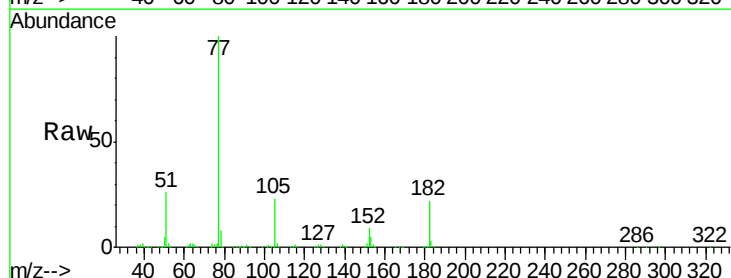
Ion Ratio Lower Upper

77 100

182 22.4 2.1 42.1

105 23.5 3.8 43.8

51 26.0 7.8 47.8

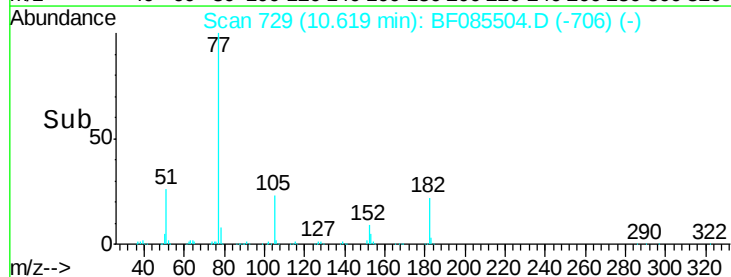
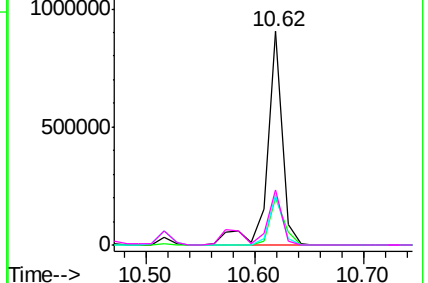


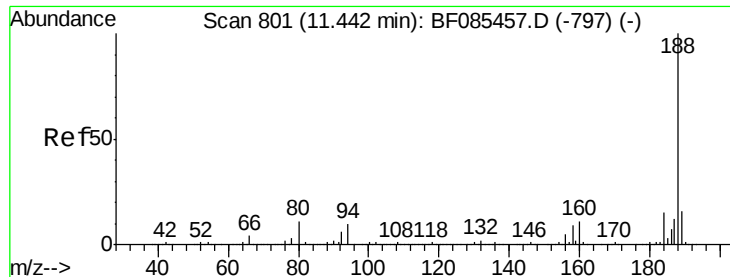
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

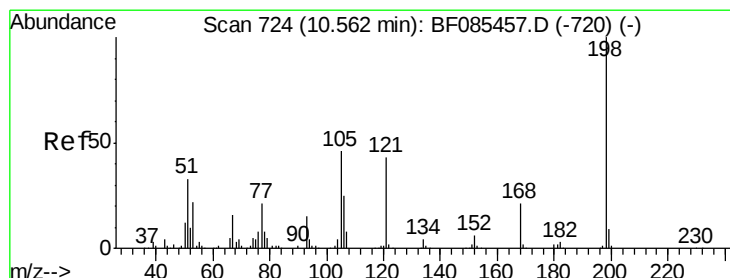
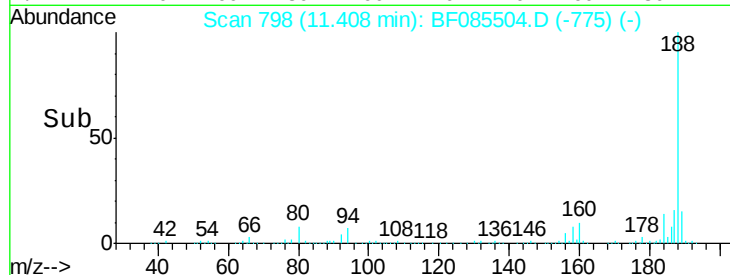
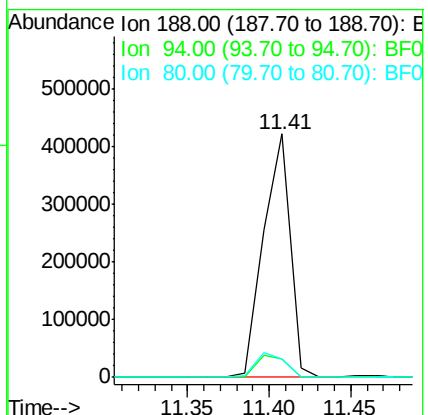
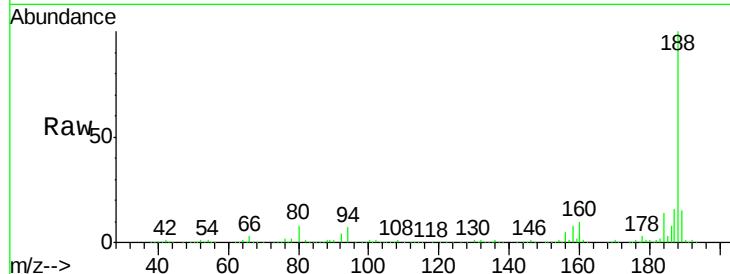




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 798
Delta R.T. -0.03 min
Lab File: BF085504.D
Acq: 17 Mar 2016 21:19

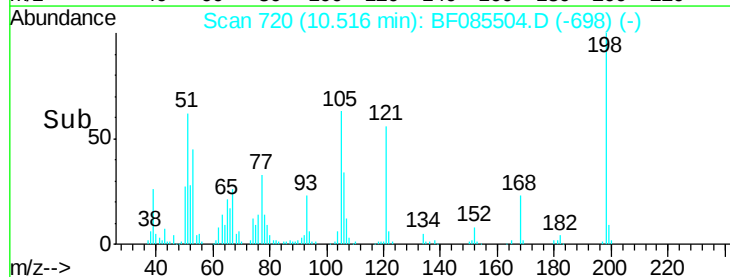
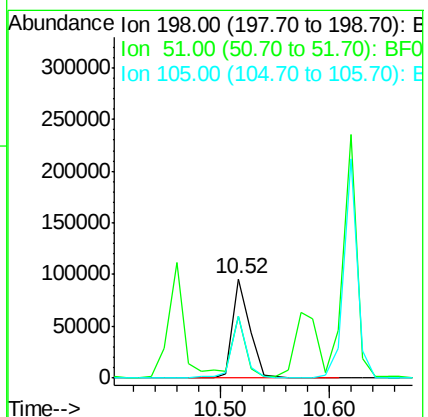
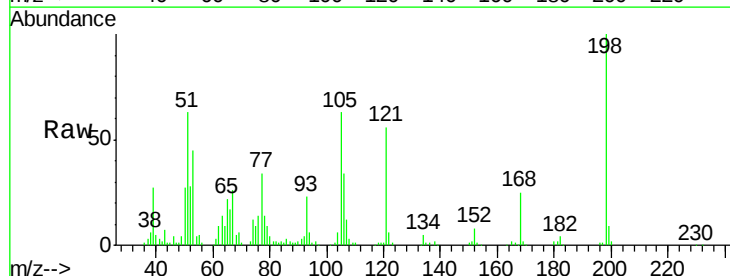
Instrument :
BNA_F
ClientSampleId :
PB88925BS

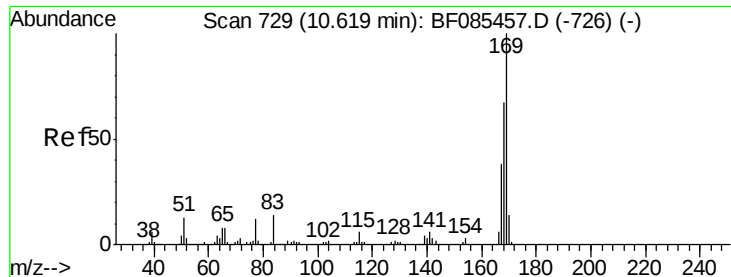
Tgt Ion:188 Resp: 482436
Ion Ratio Lower Upper
188 100
94 7.4 7.0 10.6
80 7.8 7.4 11.0



#64
4,6-Dinitro-2-methylphenol
Concen: 35.71 ng
RT: 10.52 min Scan# 720
Delta R.T. -0.04 min
Lab File: BF085504.D
Acq: 17 Mar 2016 21:19

Tgt Ion:198 Resp: 102918
Ion Ratio Lower Upper
198 100
51 62.6 9.5 49.5#
105 62.6 20.5 60.5#





#65

n-Nitrosodiphenylamine

Concen: 47.58 ng

RT: 10.58 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF085504.D

Acq: 17 Mar 2016 21:19

Instrument :

BNA_F

ClientSampleId :

PB88925BS

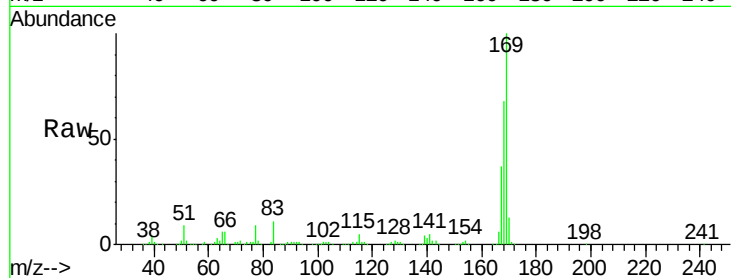
Tgt Ion:169 Resp: 707421

Ion Ratio Lower Upper

169 100

168 67.7 54.8 82.2

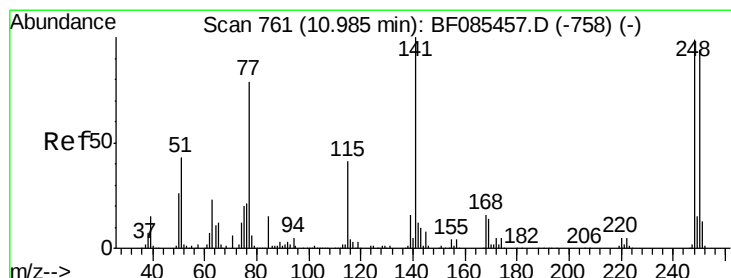
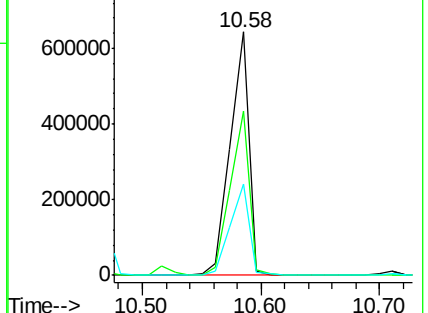
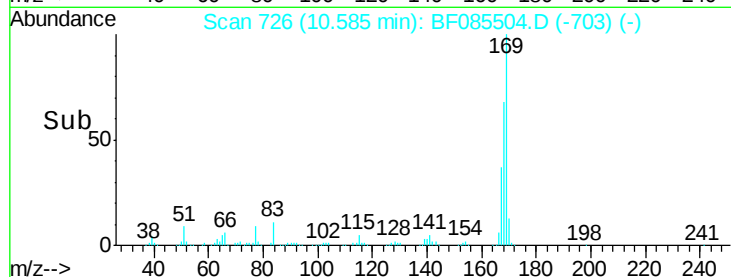
167 37.4 30.3 45.5



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.69 ng

RT: 10.95 min Scan# 758

Delta R.T. -0.03 min

Lab File: BF085504.D

Acq: 17 Mar 2016 21:19

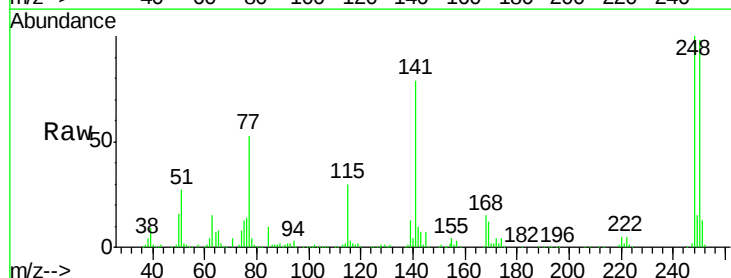
Tgt Ion:248 Resp: 218204

Ion Ratio Lower Upper

248 100

250 97.5 77.1 115.7

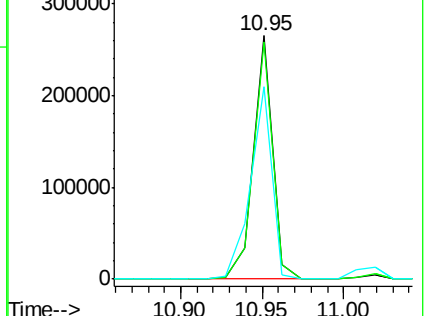
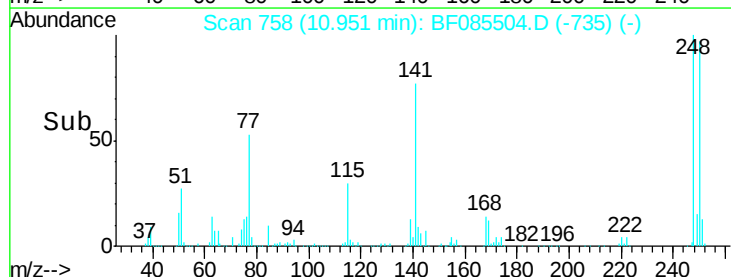
141 78.9 66.2 99.2

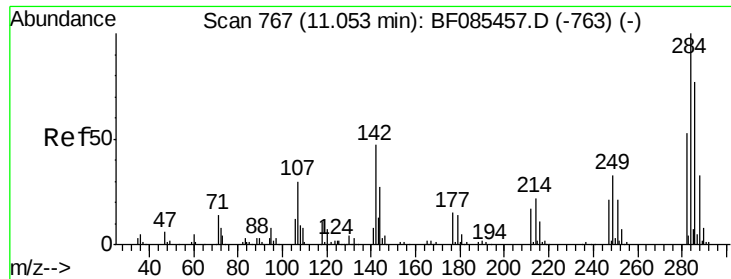


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

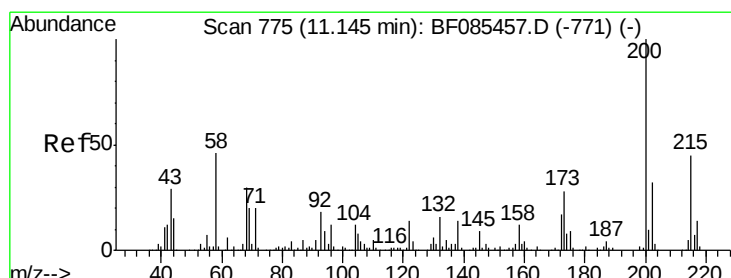
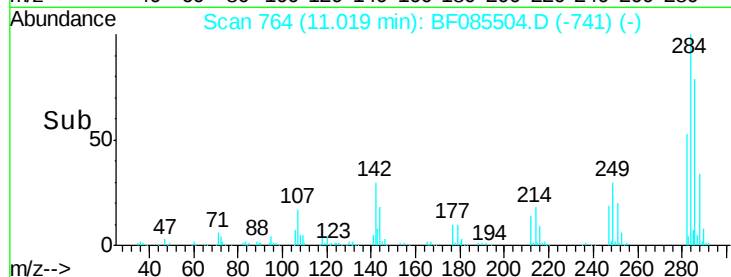
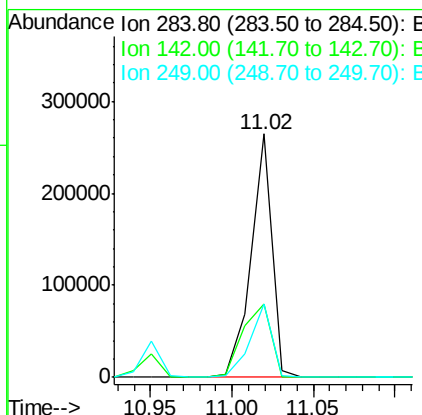
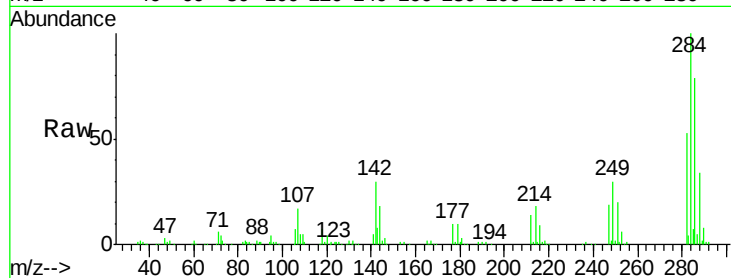




#67
Hexachlorobenzene
Concen: 47.02 ng
RT: 11.02 min Scan# 764
Delta R.T. -0.03 min
Lab File: BF085504.D
Acq: 17 Mar 2016 21:19

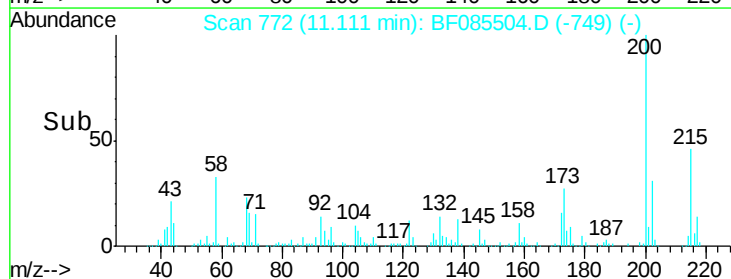
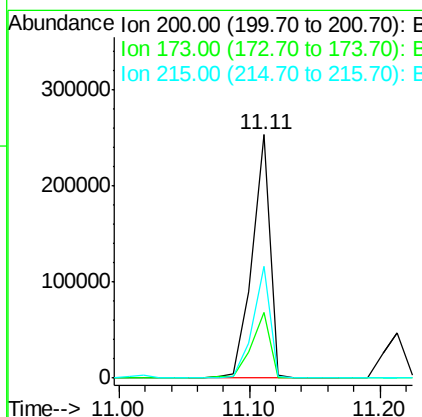
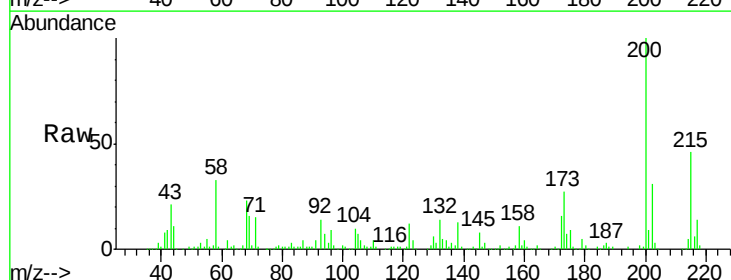
Instrument :
BNA_F
ClientSampleId :
PB88925BS

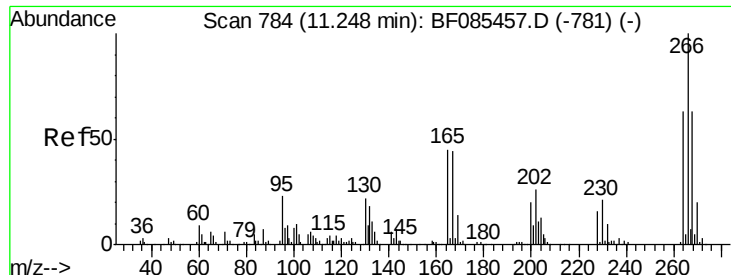
Tgt Ion: 284 Resp: 236895
Ion Ratio Lower Upper
284 100
142 30.4 24.9 37.3
249 30.2 25.0 37.4



#68
Atrazine
Concen: 56.71 ng
RT: 11.11 min Scan# 772
Delta R.T. -0.03 min
Lab File: BF085504.D
Acq: 17 Mar 2016 21:19

Tgt Ion: 200 Resp: 241256
Ion Ratio Lower Upper
200 100
173 27.0 10.5 50.5
215 45.8 23.4 63.4

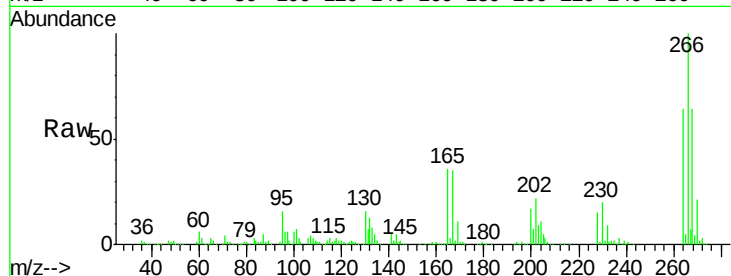




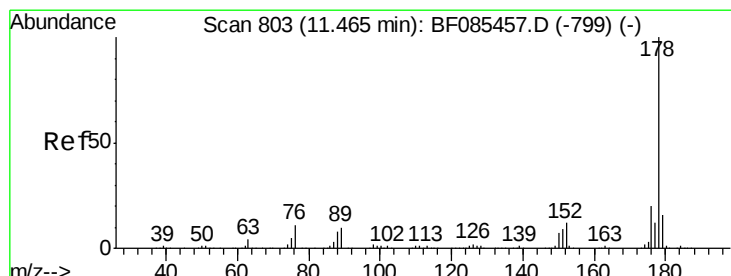
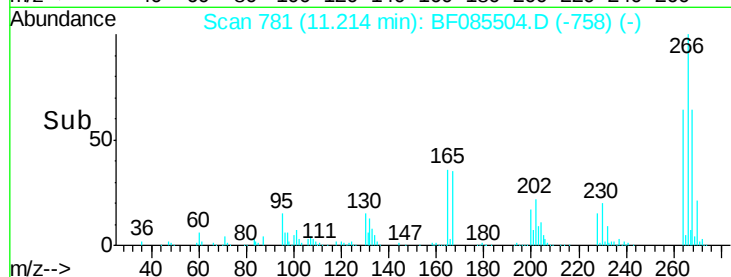
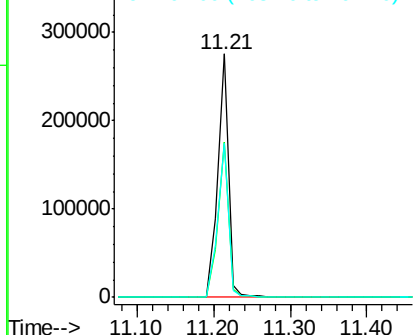
#69
 Pentachlorophenol
 Concen: 100.89 ng
 RT: 11.21 min Scan# 781
 Delta R.T. -0.03 min
 Lab File: BF085504.D
 Acq: 17 Mar 2016 21:19

Instrument :
 BNA_F
 ClientSampleId :
 PB88925BS

Tgt Ion: 266 Resp: 269416
 Ion Ratio Lower Upper
 266 100
 268 64.0 50.0 75.0
 264 63.5 51.4 77.2

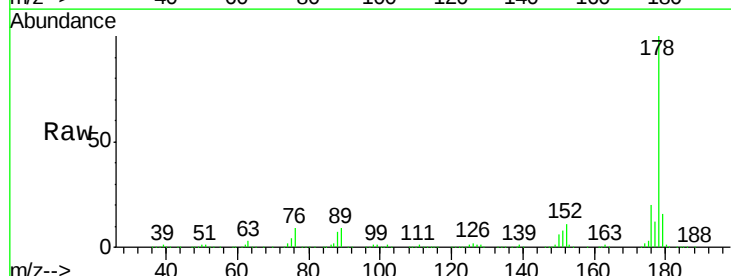


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

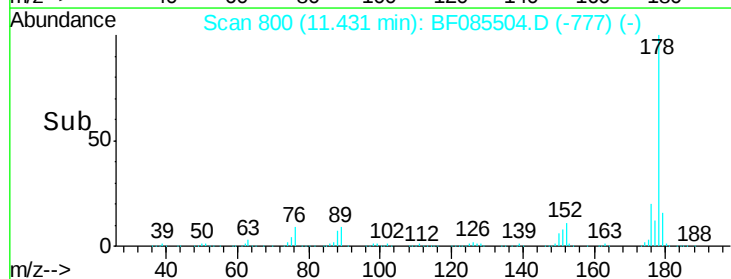
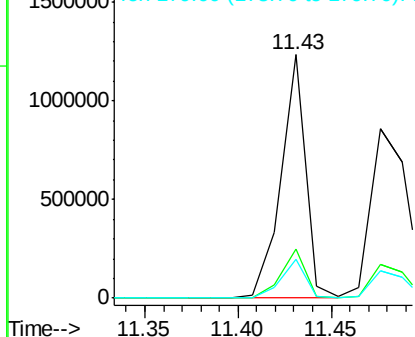


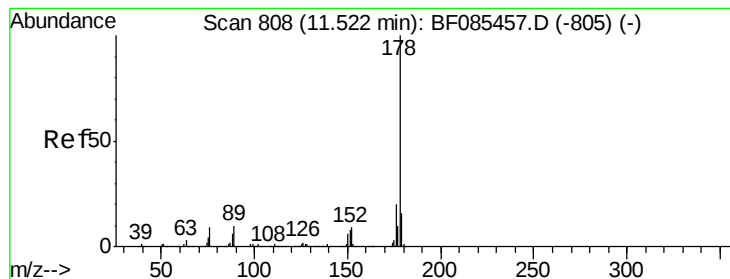
#70
 Phenanthrene
 Concen: 45.00 ng
 RT: 11.43 min Scan# 800
 Delta R.T. -0.03 min
 Lab File: BF085504.D
 Acq: 17 Mar 2016 21:19

Tgt Ion: 178 Resp: 1130634
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.8 25.2
 179 15.8 13.1 19.7



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





#71

Anthracene

Concen: 43.65 ng

RT: 11.48 min Scan# 804

Delta R.T. -0.05 min

Lab File: BF085504.D

Acq: 17 Mar 2016 21:19

Instrument :

BNA_F

ClientSampleId :

PB88925BS

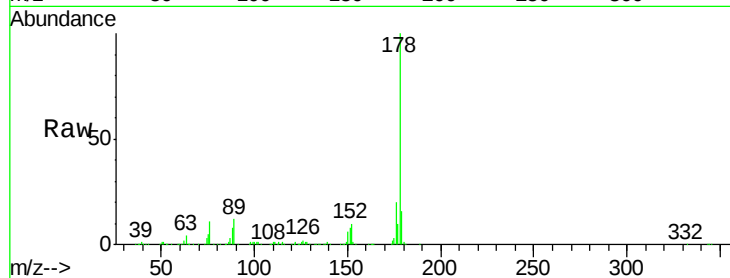
Tgt Ion:178 Resp: 1117105

Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

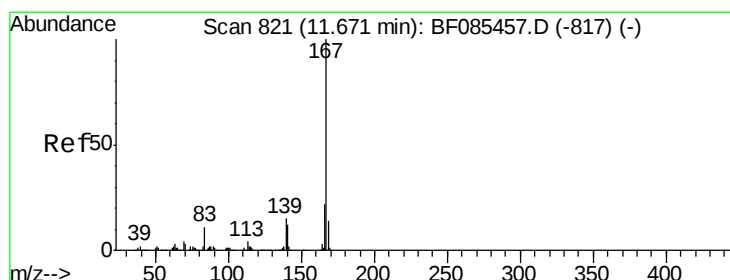
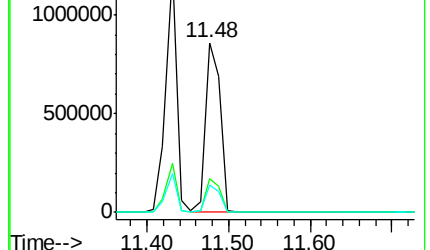
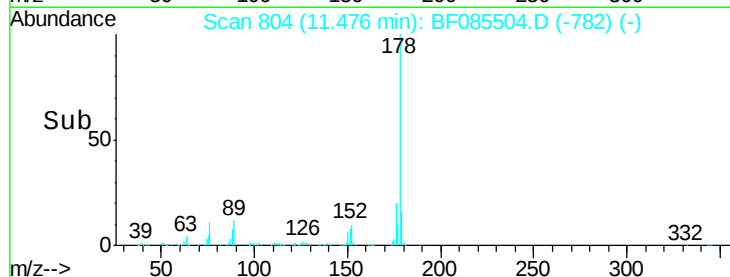
179 16.2 12.5 18.7



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: 47.11 ng

RT: 11.64 min Scan# 818

Delta R.T. -0.03 min

Lab File: BF085504.D

Acq: 17 Mar 2016 21:19

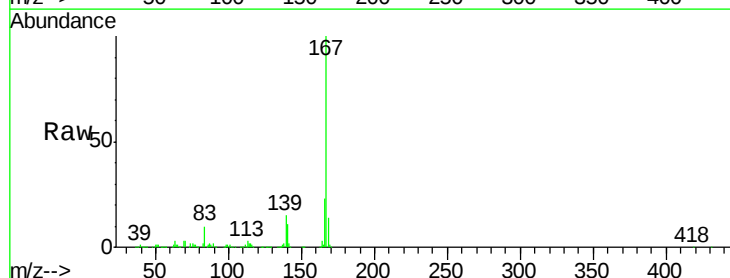
Tgt Ion:167 Resp: 1020259

Ion Ratio Lower Upper

167 100

166 22.6 18.2 27.2

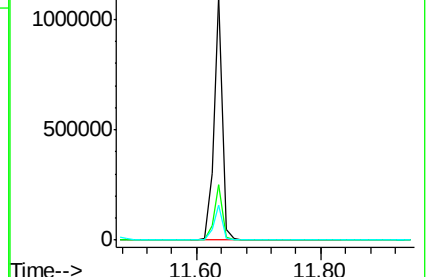
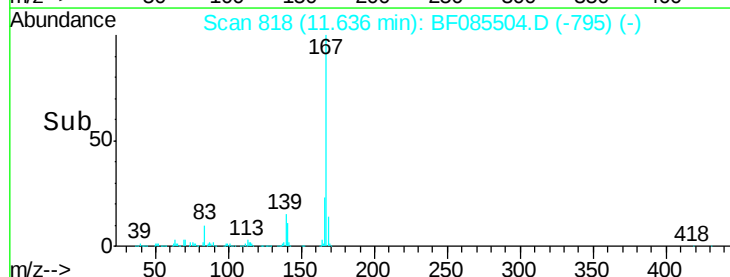
139 14.6 11.4 17.0

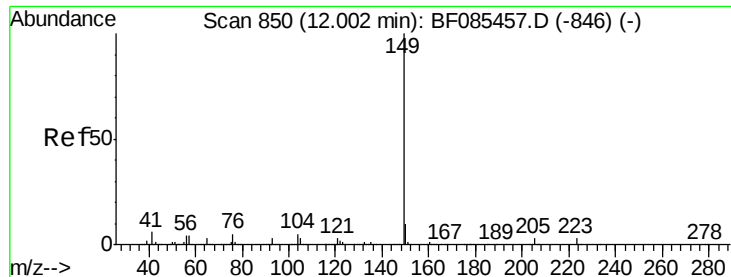


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 49.81 ng

RT: 11.97 min Scan# 847

Delta R.T. -0.03 min

Lab File: BF085504.D

Acq: 17 Mar 2016 21:19

Instrument :

BNA_F

ClientSampleId :

PB88925BS

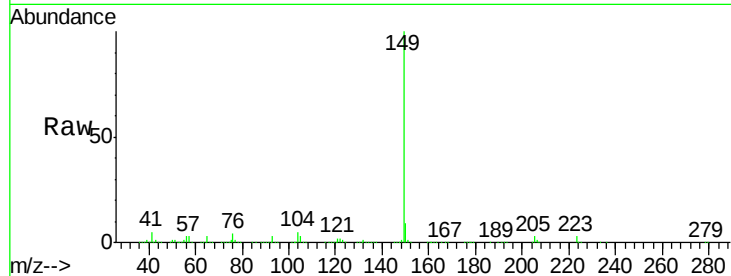
Tgt Ion:149 Resp: 1336365

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

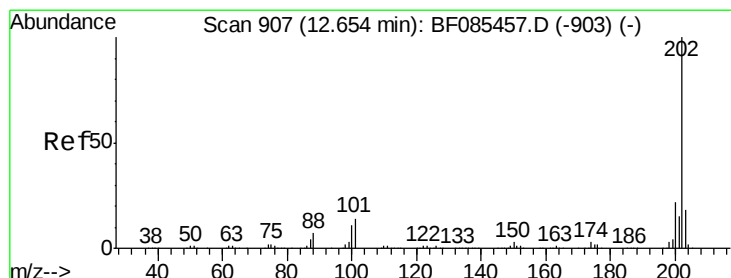
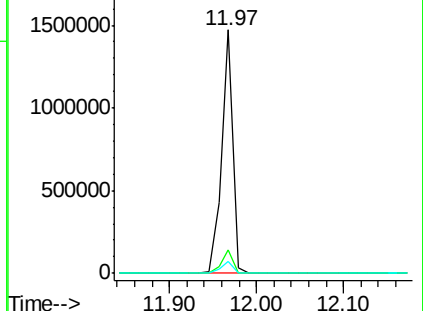
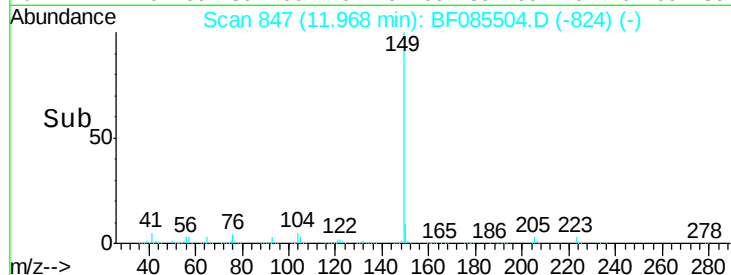
104 4.8 4.7 7.1



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: 46.77 ng

RT: 12.62 min Scan# 904

Delta R.T. -0.03 min

Lab File: BF085504.D

Acq: 17 Mar 2016 21:19

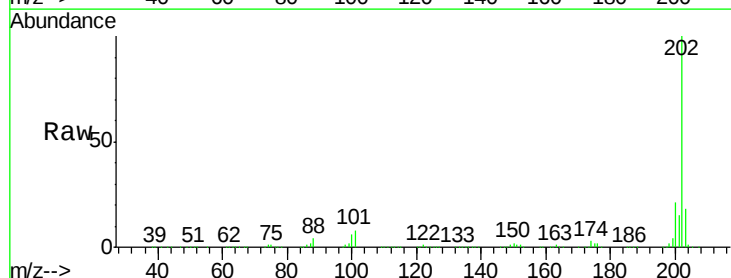
Tgt Ion:202 Resp: 1104702

Ion Ratio Lower Upper

202 100

101 7.9 0.0 31.8

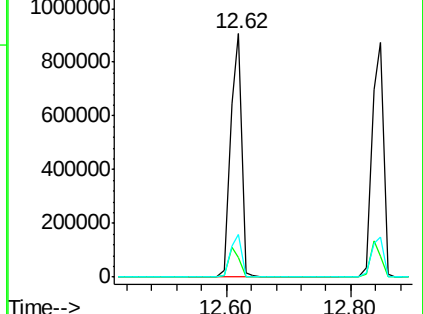
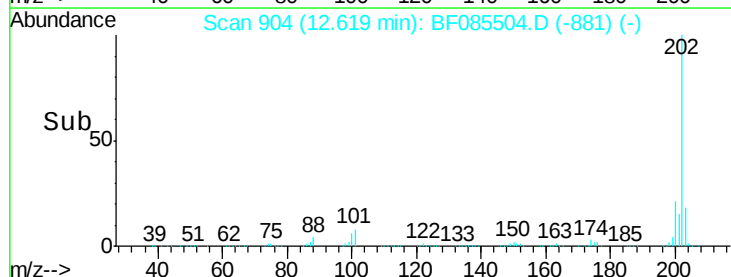
203 17.7 0.0 38.4

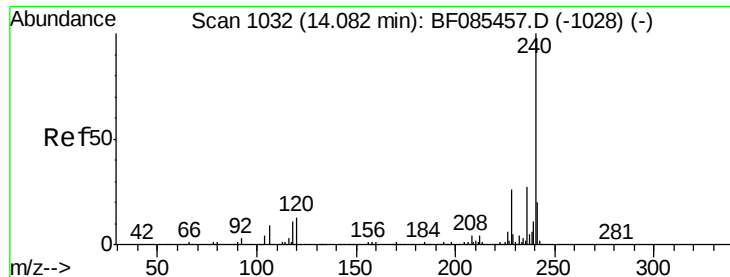


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.04 min Scan# 1028

Delta R.T. -0.05 min

Lab File: BF085504.D

Acq: 17 Mar 2016 21:19

Instrument :

BNA_F

ClientSampleId :

PB88925BS

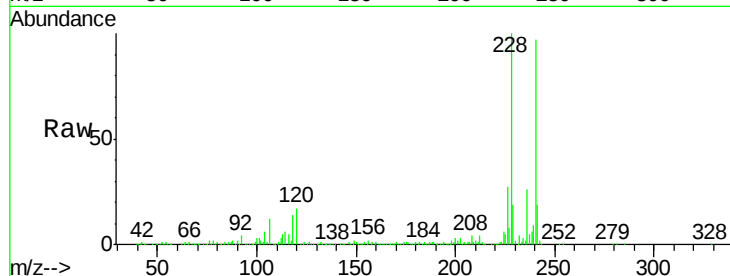
Tgt Ion:240 Resp: 308611

Ion Ratio Lower Upper

240 100

120 17.1 5.3 7.9#

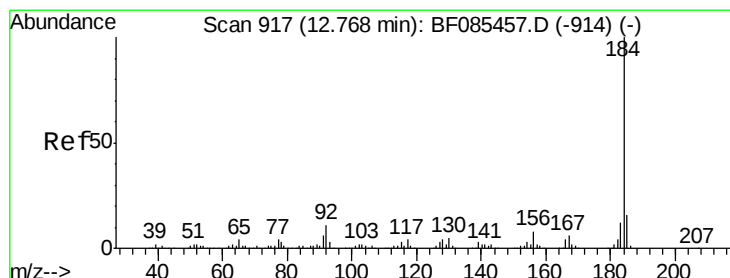
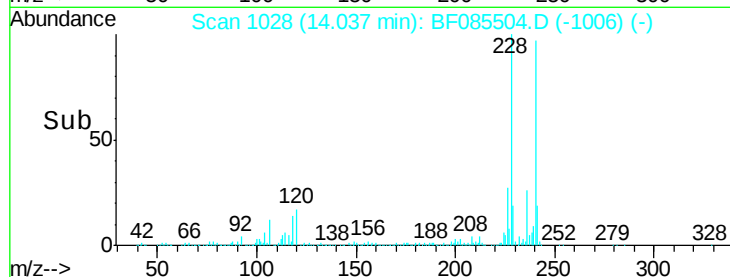
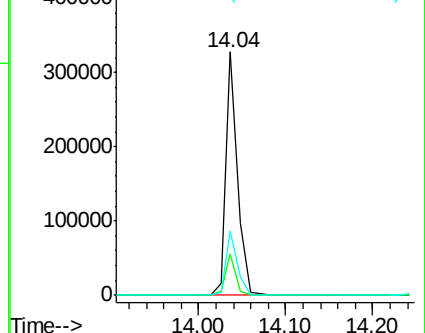
236 26.6 20.7 31.1



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: 36.05 ng

RT: 12.73 min Scan# 914

Delta R.T. -0.03 min

Lab File: BF085504.D

Acq: 17 Mar 2016 21:19

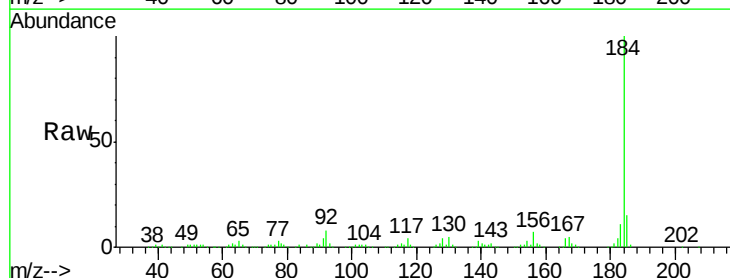
Tgt Ion:184 Resp: 345572

Ion Ratio Lower Upper

184 100

185 14.8 12.4 18.6

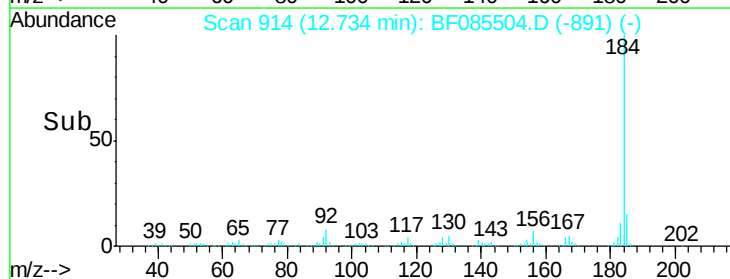
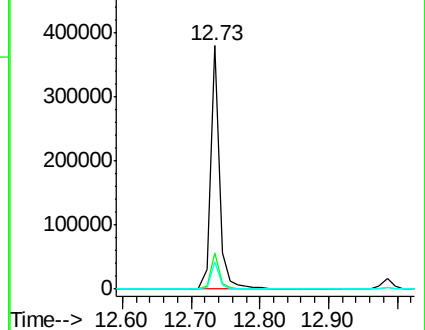
183 11.5 9.4 14.2

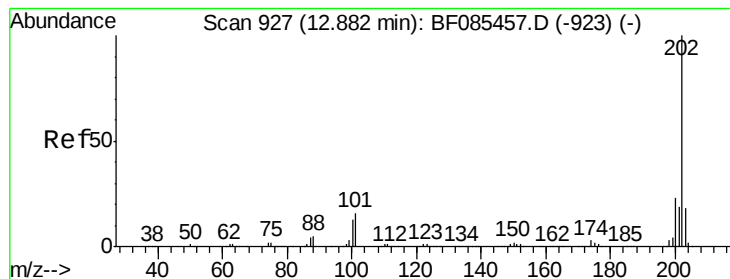


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 48.27 ng

RT: 12.85 min Scan# 924

Delta R.T. -0.03 min

Lab File: BF085504.D

Acq: 17 Mar 2016 21:19

Instrument :

BNA_F

ClientSampleId :

PB88925BS

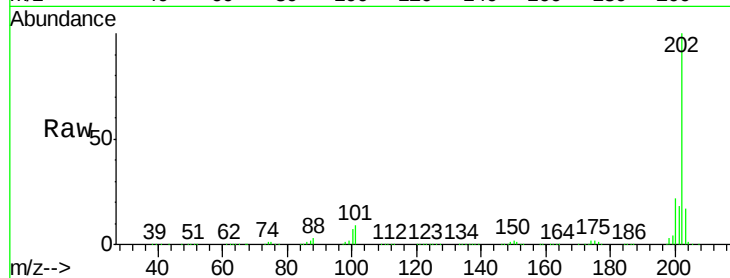
Tgt Ion:202 Resp: 1117344

Ion Ratio Lower Upper

202 100

200 21.7 18.2 27.4

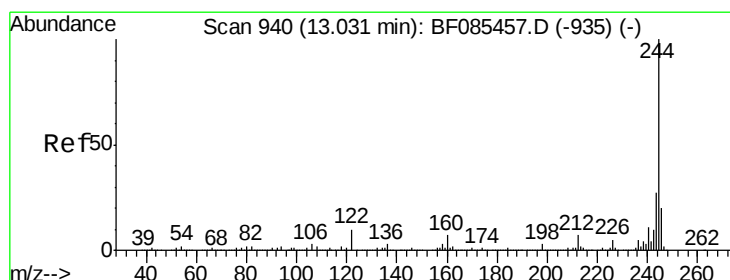
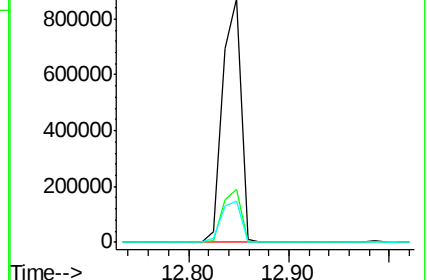
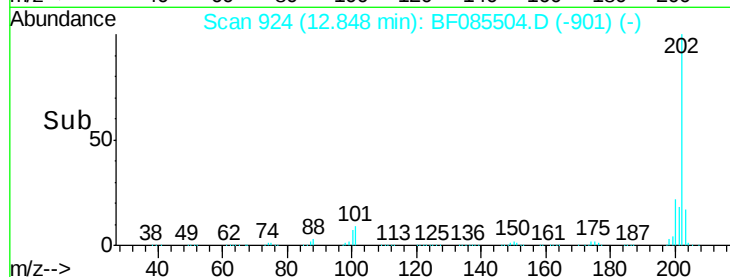
203 17.3 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 89.19 ng

RT: 12.99 min Scan# 936

Delta R.T. -0.05 min

Lab File: BF085504.D

Acq: 17 Mar 2016 21:19

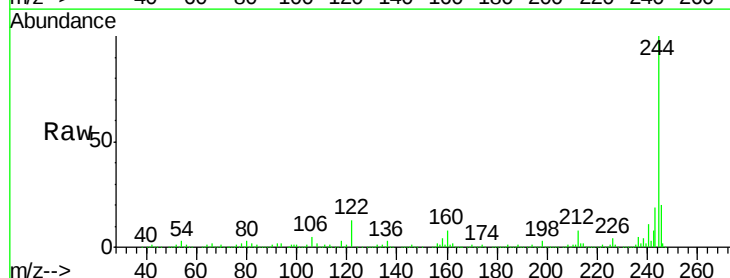
Tgt Ion:244 Resp: 1216746

Ion Ratio Lower Upper

244 100

212 7.6 6.4 9.6

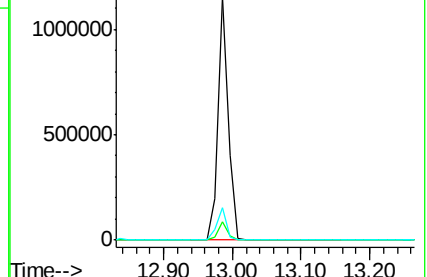
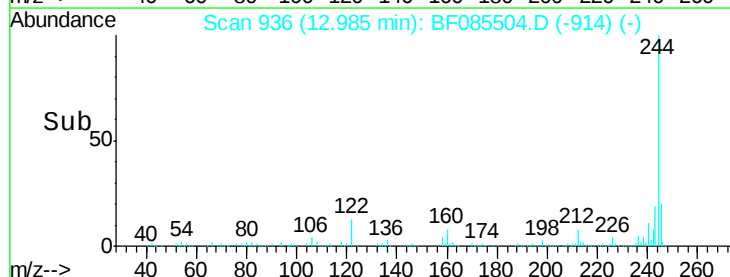
122 13.3 11.4 17.2

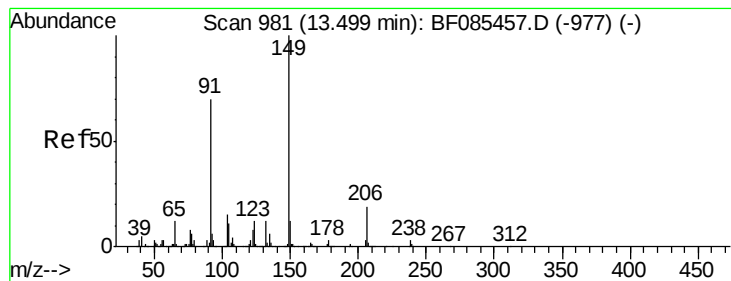


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 51.63 ng

RT: 13.47 min Scan# 978

Delta R.T. -0.03 min

Lab File: BF085504.D

Acq: 17 Mar 2016 21:19

Instrument :

BNA_F

ClientSampleId :

PB88925BS

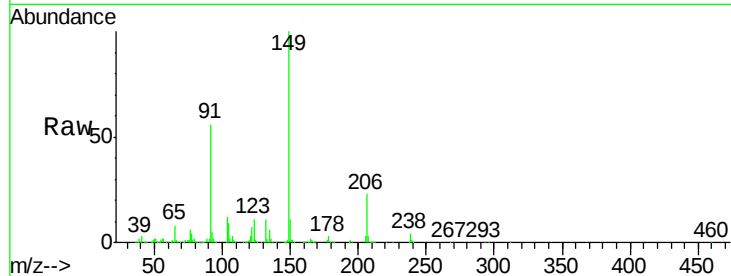
Tgt Ion:149 Resp: 522478

Ion Ratio Lower Upper

149 100

91 55.8 69.0 103.4#

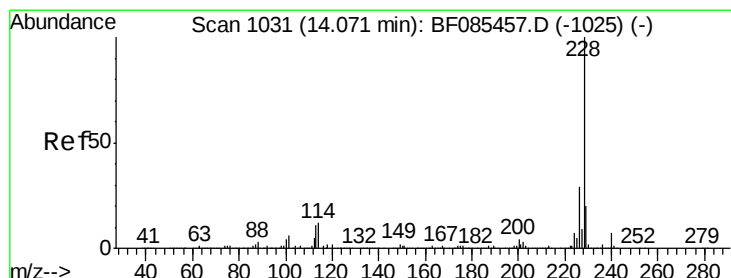
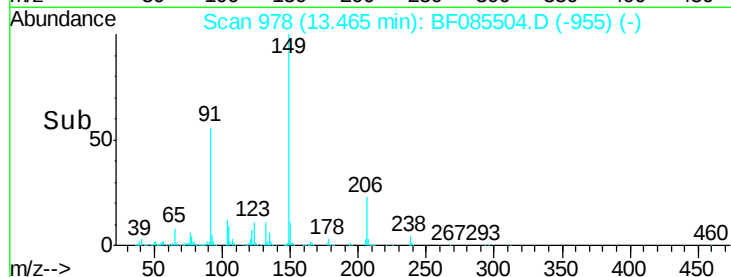
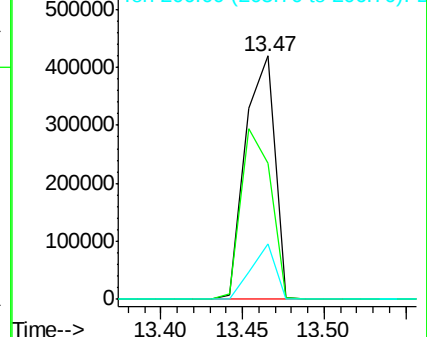
206 23.0 12.3 18.5#



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: 42.90 ng

RT: 14.03 min Scan# 1027

Delta R.T. -0.05 min

Lab File: BF085504.D

Acq: 17 Mar 2016 21:19

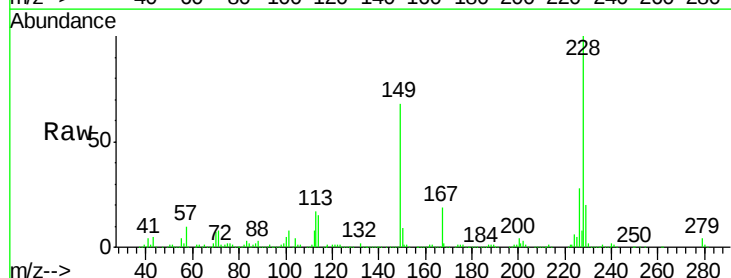
Tgt Ion:228 Resp: 758985

Ion Ratio Lower Upper

228 100

226 27.8 22.8 34.2

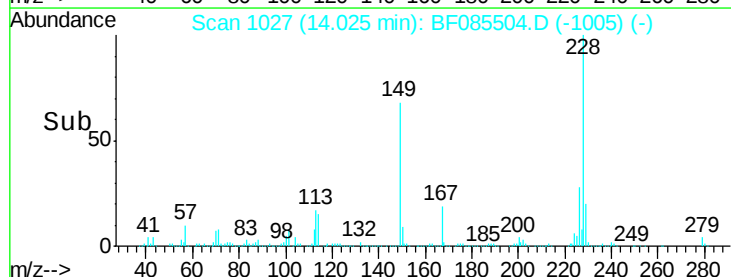
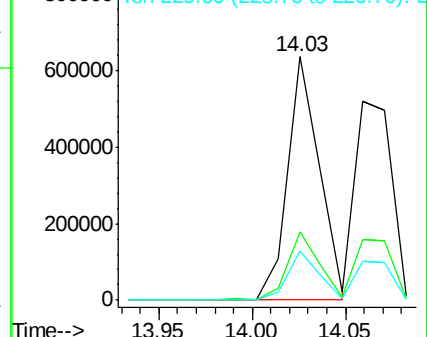
229 20.1 16.6 24.8

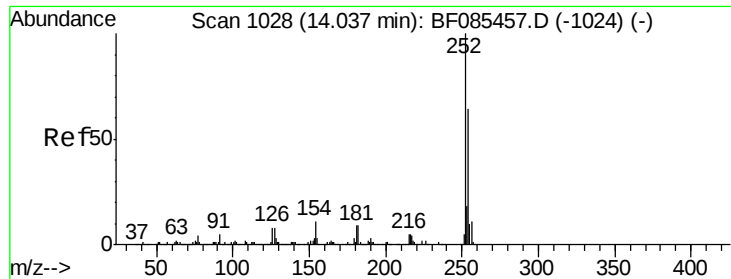


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

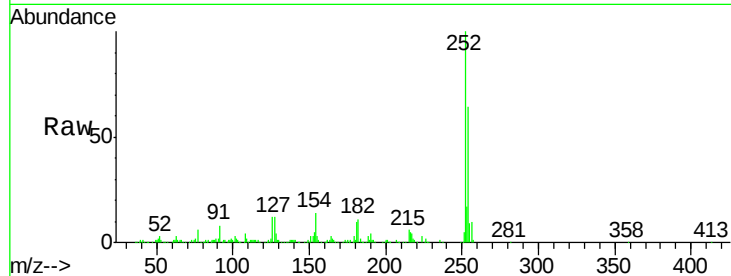




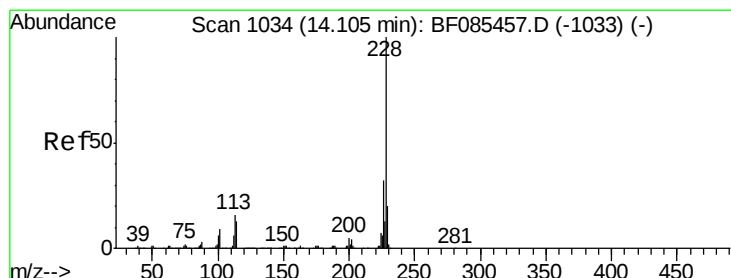
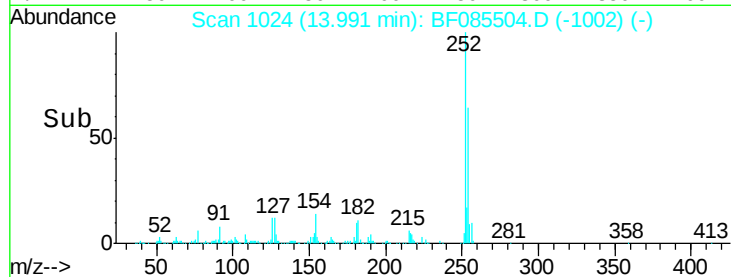
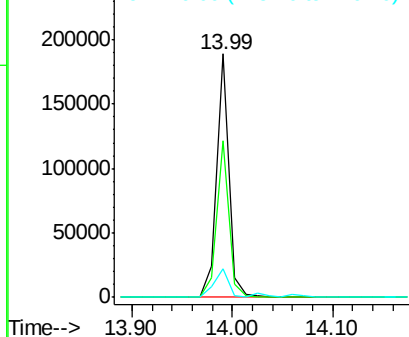
#81
 3,3'-Dichlorobenzidine
 Concen: 26.76 ng
 RT: 13.99 min Scan# 1024
 Delta R.T. -0.05 min
 Lab File: BF085504.D
 Acq: 17 Mar 2016 21:19

Instrument :
 BNA_F
 ClientSampleId :
 PB88925BS

Tgt Ion:252 Resp: 160257
 Ion Ratio Lower Upper
 252 100
 254 64.1 51.4 77.0
 126 11.8 12.9 19.3#

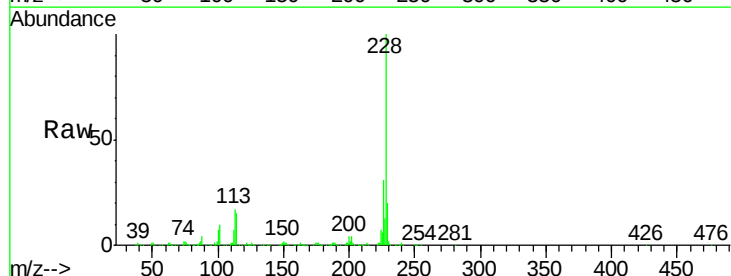


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

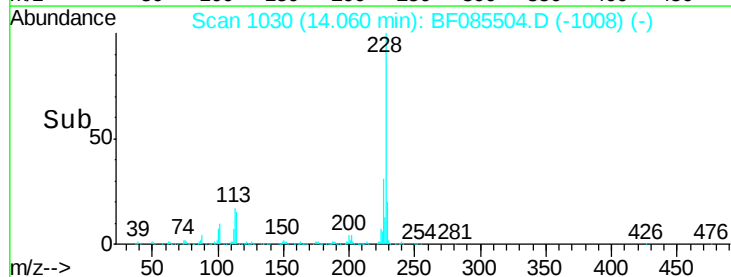
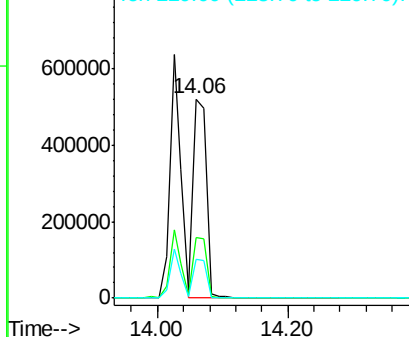


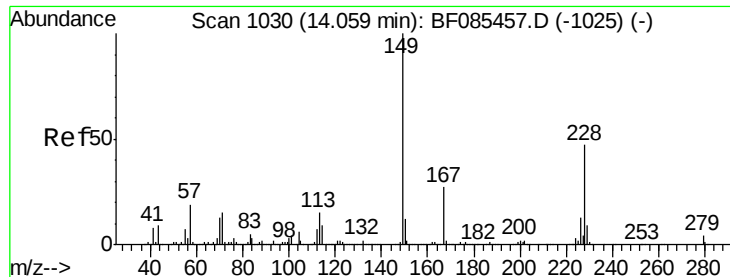
#82
 Chrysene
 Concen: 45.25 ng
 RT: 14.06 min Scan# 1030
 Delta R.T. -0.05 min
 Lab File: BF085504.D
 Acq: 17 Mar 2016 21:19

Tgt Ion:228 Resp: 720253
 Ion Ratio Lower Upper
 228 100
 226 30.6 25.2 37.8
 229 19.7 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

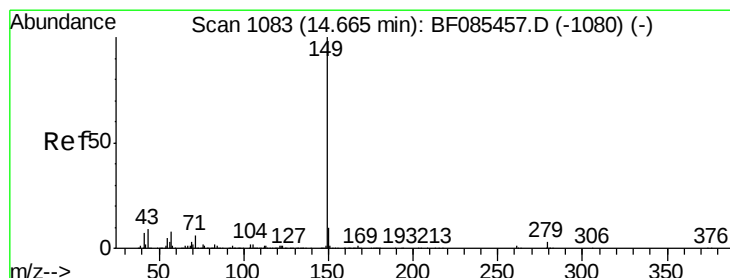
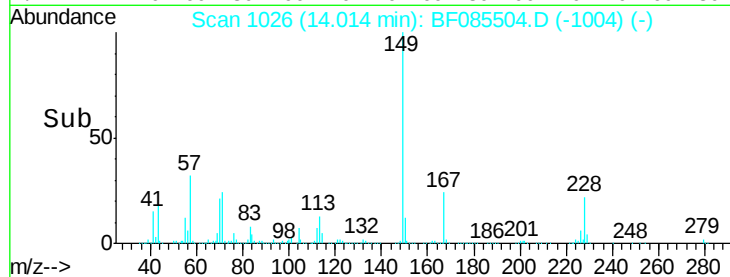
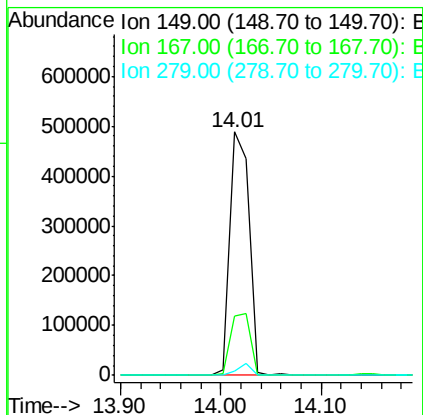
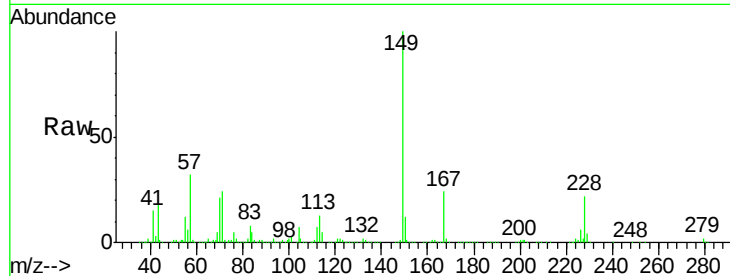




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.74 ng
 RT: 14.01 min Scan# 1026
 Delta R.T. -0.05 min
 Lab File: BF085504.D
 Acq: 17 Mar 2016 21:19

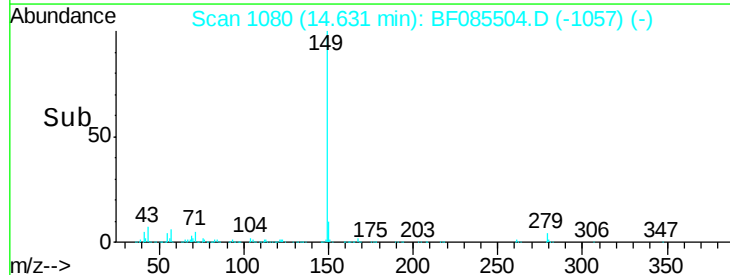
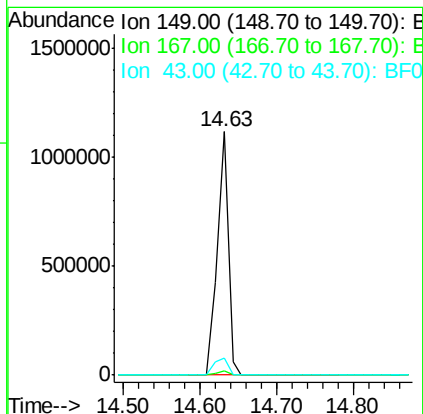
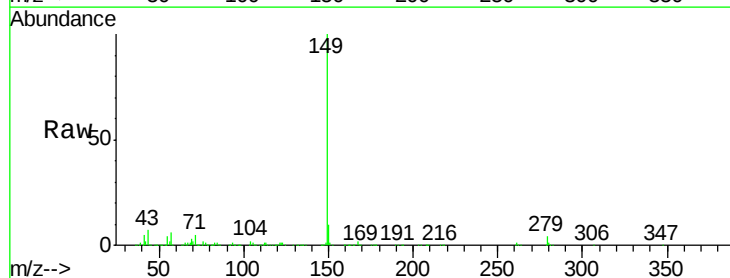
Instrument :
 BNA_F
 ClientSampleId :
 PB88925BS

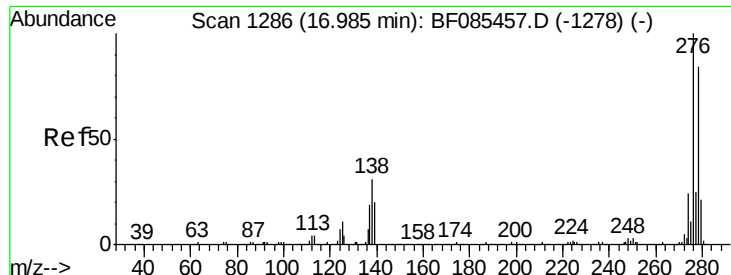
Tgt Ion:149 Resp: 651150
 Ion Ratio Lower Upper
 149 100
 167 24.3 20.3 30.5
 279 1.8 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 61.66 ng
 RT: 14.63 min Scan# 1080
 Delta R.T. -0.03 min
 Lab File: BF085504.D
 Acq: 17 Mar 2016 21:19

Tgt Ion:149 Resp: 1111350
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.1 1.7
 43 8.6 7.8 11.8

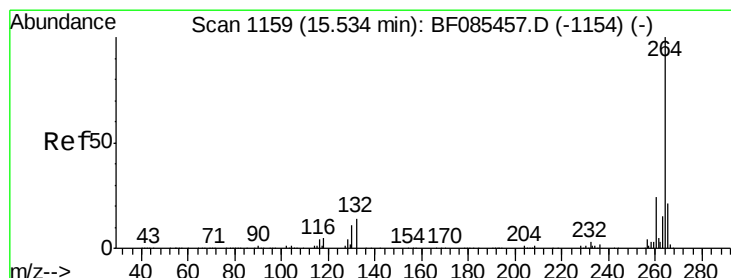
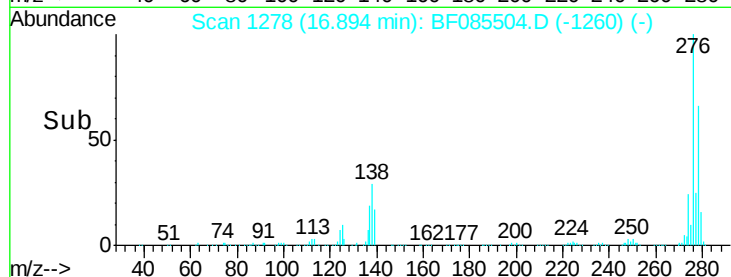
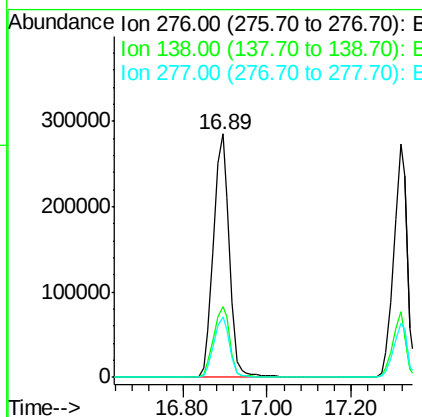
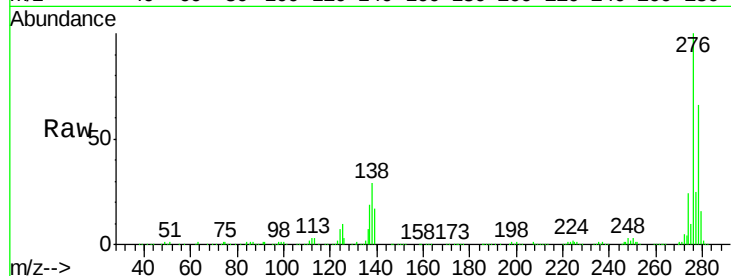




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.03 ng
 RT: 16.89 min Scan# 1278
 Delta R.T. -0.09 min
 Lab File: BF085504.D
 Acq: 17 Mar 2016 21:19

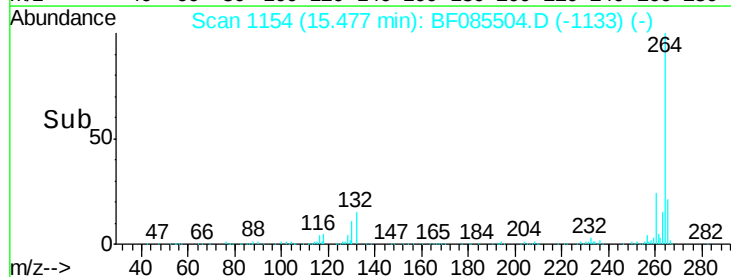
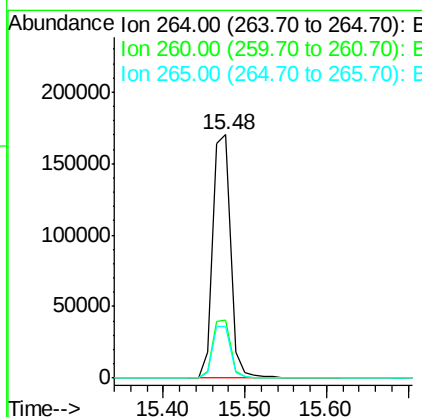
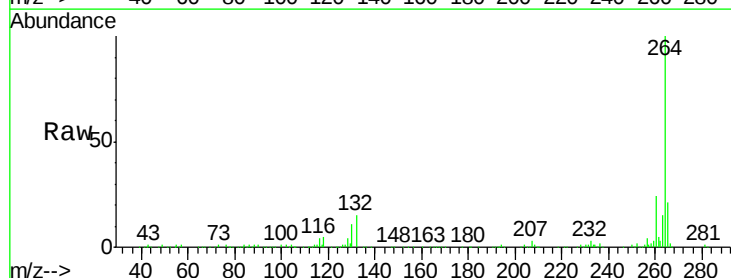
Instrument :
 BNA_F
 ClientSampleId :
 PB88925BS

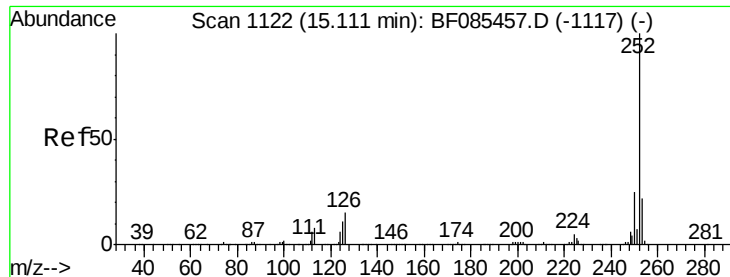
Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.2	26.4	39.6
277	25.1	20.2	30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1154
 Delta R.T. -0.06 min
 Lab File: BF085504.D
 Acq: 17 Mar 2016 21:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.2	17.3	25.9

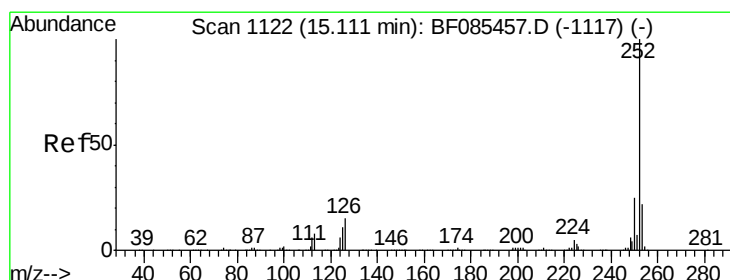
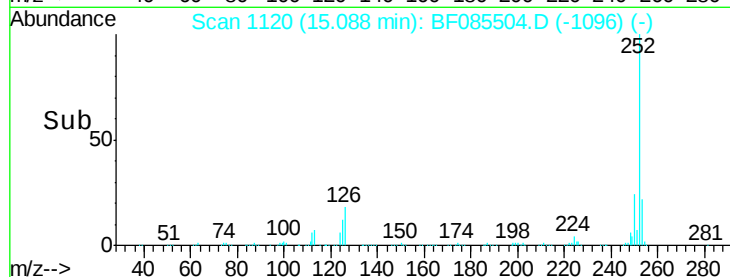
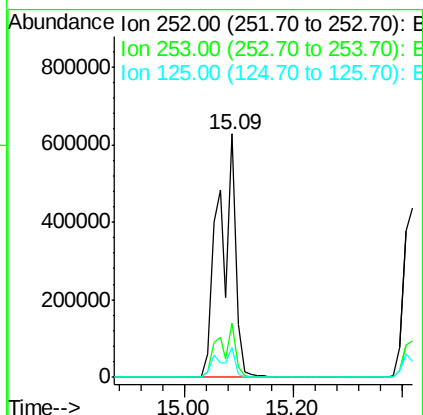
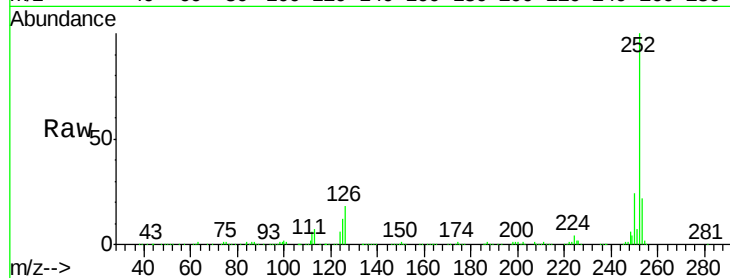




#87
Benzo(b)fluoranthene
Concen: 78.62 ng
RT: 15.09 min Scan# 1120
Delta R.T. -0.02 min
Lab File: BF085504.D
Acq: 17 Mar 2016 21:19

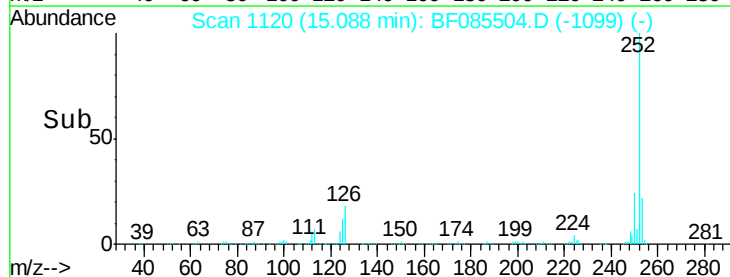
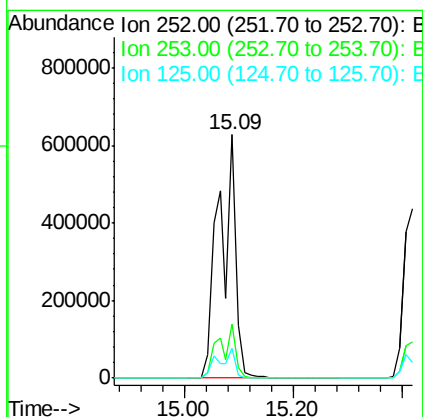
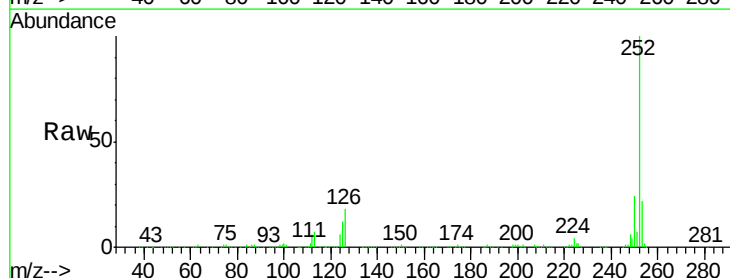
Instrument :
BNA_F
ClientSampleId :
PB88925BS

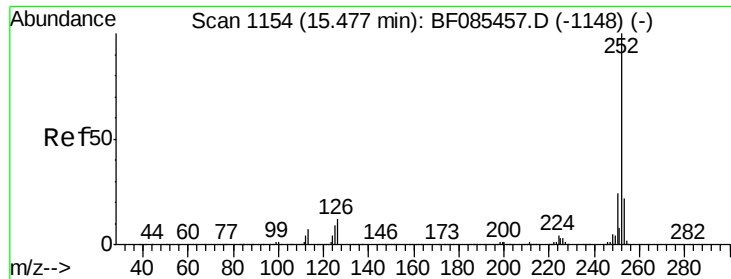
Tgt Ion:252 Resp: 1342625
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 12.1 11.3 16.9



#88
Benzo(k)fluoranthene
Concen: 100.38 ng
RT: 15.09 min Scan# 1120
Delta R.T. -0.06 min
Lab File: BF085504.D
Acq: 17 Mar 2016 21:19

Tgt Ion:252 Resp: 1342625
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 12.1 10.4 15.6





#89

Benzo(a)pyrene

Concen: 44.48 ng

RT: 15.42 min Scan# 1149

Delta R.T. -0.06 min

Lab File: BF085504.D

Acq: 17 Mar 2016 21:19

Instrument :

BNA_F

ClientSampleId :

PB88925BS

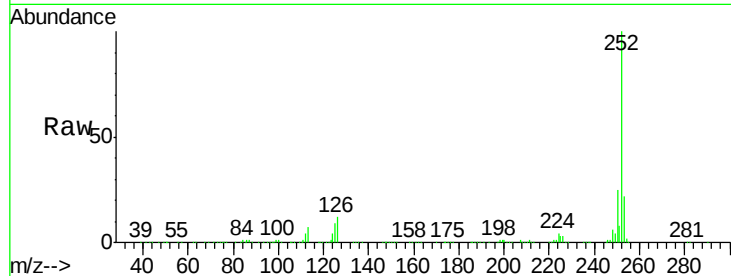
Tgt Ion:252 Resp: 656195

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

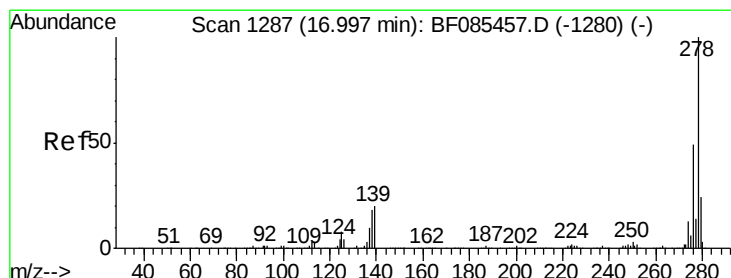
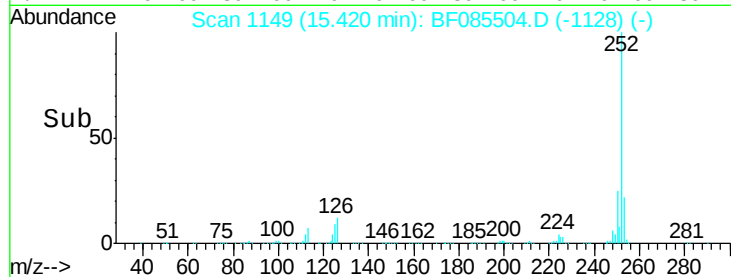
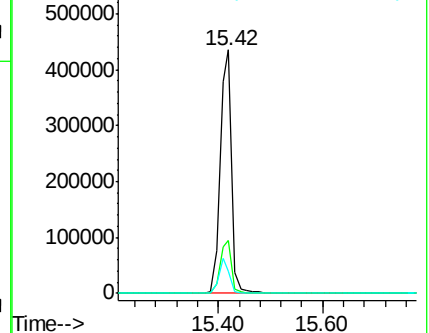
125 9.1 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 44.30 ng

RT: 16.91 min Scan# 1279

Delta R.T. -0.09 min

Lab File: BF085504.D

Acq: 17 Mar 2016 21:19

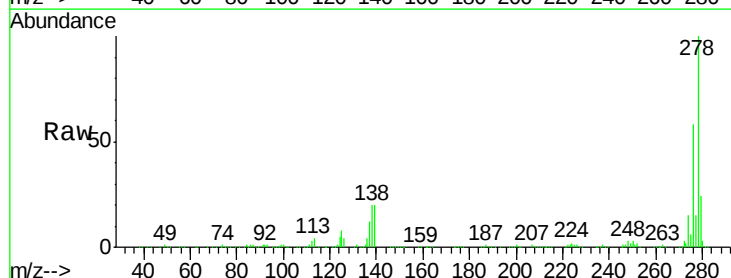
Tgt Ion:278 Resp: 638411

Ion Ratio Lower Upper

278 100

139 20.2 17.3 25.9

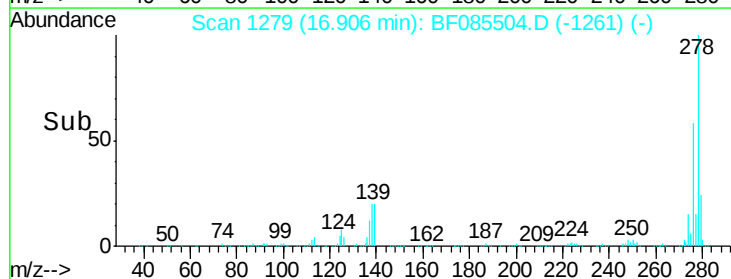
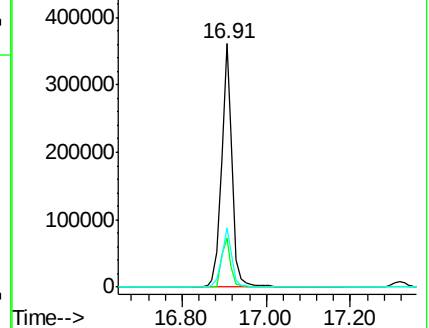
279 24.1 19.2 28.8

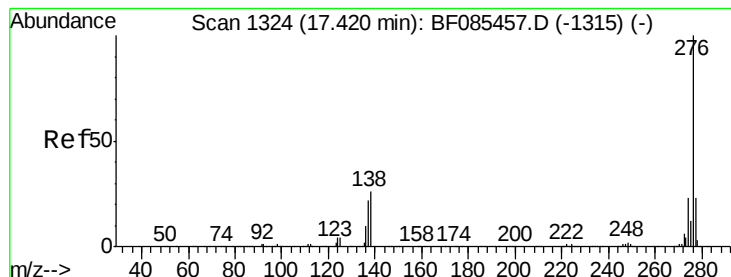


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 42.57 ng

RT: 17.32 min Scan# 1315

Delta R.T. -0.10 min

Lab File: BF085504.D

Acq: 17 Mar 2016 21:19

Instrument :

BNA_F

ClientSampleId :

PB88925BS

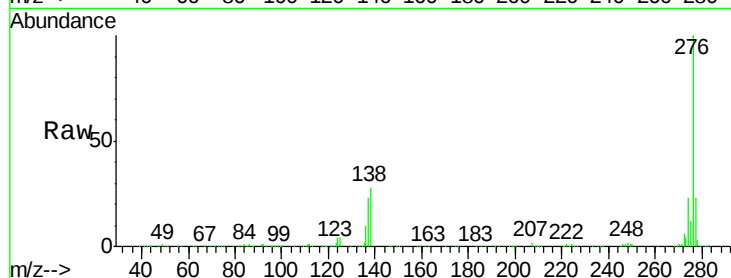
Tgt Ion: 276 Resp: 626599

Ion Ratio Lower Upper

276 100

277 23.4 19.0 28.4

138 28.1 22.5 33.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

