

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
 Data File : BF085668.D
 Acq On : 22 Mar 2016 19:43
 Operator : UM/SJ
 Sample : PB89081BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89081BS

Quant Time: Mar 22 23:57:37 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	122092	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	496713	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	250437	20.00	ng	-0.02
63) Phenanthrene-d10	11.35	188	471537	20.00	ng	-0.03
75) Chrysene-d12	13.99	240	402337	20.00	ng	-0.02
86) Perylene-d12	15.41	264	275551	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	784439	107.92	ng	-0.01
7) Phenol-d6	6.47	99	953260	102.25	ng	-0.02
23) Nitrobenzene-d5	7.40	82	594556	69.48	ng	-0.03
41) 2,4,6-Tribromophenol	10.66	330	272563	111.11	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	1163801	77.54	ng	-0.02
78) Terphenyl-d14	12.94	244	1156594	69.18	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	97454	27.58	ng	97
3) Pyridine	3.22	79	275855	31.79	ng	100
4) n-Nitrosodimethylamine	3.17	42	117013	32.30	ng	99
6) Aniline	6.49	93	185423	14.81	ng	97
8) 2-Chlorophenol	6.62	128	303344	36.07	ng	98
9) Benzaldehyde	6.38	77	42036	6.84	ng	96
10) Phenol	6.48	94	381990	35.97	ng	96
11) bis(2-Chloroethyl)ether	6.57	93	285837	35.71	ng	95
12) 1,3-Dichlorobenzene	7.01	146	280914	30.66	ng	99
13) 1,4-Dichlorobenzene	6.85	146	305612	32.70	ng	98
14) 1,2-Dichlorobenzene	7.01	146	280880	33.85	ng	97
15) Benzyl Alcohol	6.97	79	231701	36.28	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	341709	32.46	ng	99
17) 2-Methylphenol	7.09	107	241014	34.58	ng	98
18) Hexachloroethane	7.34	117	111153	32.94	ng	# 81
19) n-Nitroso-di-n-propylamine	7.25	70	178188	32.00	ng	94
20) 3+4-Methylphenols	7.25	107	293429	36.35	ng	92
22) Acetophenone	7.25	105	377161	32.00	ng	# 96
24) Nitrobenzene	7.42	77	327461	34.96	ng	93
25) Isophorone	7.66	82	587832	34.31	ng	97
26) 2-Nitrophenol	7.74	139	164967	35.64	ng	93
27) 2,4-Dimethylphenol	7.77	122	274882	33.58	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	345736	35.48	ng	99
29) 2,4-Dichlorophenol	7.98	162	252031	37.28	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	243978	32.22	ng	98
31) Naphthalene	8.14	128	829692	33.09	ng	99
32) Benzoic acid	7.90	122	167697	24.50	ng	99
33) 4-Chloroaniline	8.20	127	72370	7.04	ng	97
34) Hexachlorobutadiene	8.26	225	127891	31.69	ng	98
35) Caprolactam	8.60	113	27629	11.88	ng	95
36) 4-Chloro-3-methylphenol	8.68	107	270406	34.25	ng	96
37) 2-Methylnaphthalene	8.84	142	606767	39.70	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	218461	28.76	ng	98
40) Hexachlorocyclopentadiene	8.98	237	209904	61.31	ng	100

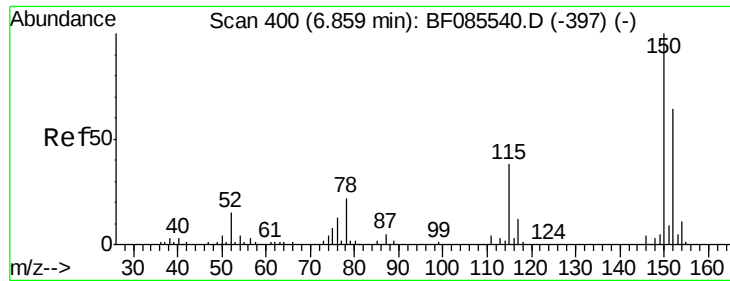
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	166156	31.95	ng	98
43) 2,4,5-Trichlorophenol	9.16	196	184761	34.91	ng	# 90
45) 1,1'-Biphenyl	9.29	154	646023	29.90	ng	99
46) 2-Chloronaphthalene	9.32	162	514586	32.61	ng	# 91
47) 2-Nitroaniline	9.42	65	174160	36.48	ng	98
48) Acenaphthylene	9.74	152	893136	34.97	ng	98
49) Dimethylphthalate	9.60	163	668944	35.40	ng	99
50) 2,6-Dinitrotoluene	9.66	165	128630	32.24	ng	99
51) Acenaphthene	9.91	154	616776	38.48	ng	99
52) 3-Nitroaniline	9.83	138	64440	12.90	ng	86
53) 2,4-Dinitrophenol	9.94	184	134836	55.17	ng	# 63
54) Dibenzofuran	10.08	168	778140	39.87	ng	99
55) 4-Nitrophenol	10.00	139	258114	66.84	ng	# 85
56) 2,4-Dinitrotoluene	10.07	165	207742	39.77	ng	91
57) Fluorene	10.42	166	595487	36.61	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	140302	36.82	ng	99
59) Diethylphthalate	10.30	149	662586	35.26	ng	99
60) 4-Chlorophenyl-phenylether	10.41	204	277649	34.96	ng	94
61) 4-Nitroaniline	10.45	138	172852	35.09	ng	98
62) Azobenzene	10.57	77	699510	38.80	ng	98
64) 4,6-Dinitro-2-methylphenol	10.47	198	86792	28.76	ng	95
65) n-Nitrosodiphenylamine	10.54	169	525651	35.79	ng	99
66) 4-Bromophenyl-phenylether	10.90	248	177044	37.58	ng	# 91
67) Hexachlorobenzene	10.97	284	183359	36.64	ng	# 90
68) Atrazine	11.06	200	193766	43.33	ng	98
69) Pentachlorophenol	11.17	266	197806	65.10	ng	99
70) Phenanthrene	11.38	178	934560	37.59	ng	99
71) Anthracene	11.43	178	848823	32.56	ng	100
72) Carbazole	11.59	167	870921	38.72	ng	99
73) Di-n-butylphthalate	11.92	149	1088433	38.65	ng	99
74) Fluoranthene	12.56	202	851216	32.70	ng	97
76) Benzidine	12.69	184	273321	20.20	ng	97
77) Pyrene	12.79	202	872809	30.21	ng	99
79) Butylbenzylphthalate	13.41	149	407046	29.56	ng	# 74
80) Benzo(a)anthracene	13.98	228	771886	33.05	ng	99
81) 3,3'-Dichlorobenzidine	13.95	252	107075	12.51	ng	# 96
82) Chrysene	14.01	228	612480	27.26	ng	100
83) Bis(2-ethylhexyl)phthalate	13.97	149	530746	31.02	ng	# 98
84) Di-n-octyl phthalate	14.57	149	927918	33.28	ng	98
85) Indeno(1,2,3-cd)pyrene	16.79	276	493822	26.30	ng	99
87) Benzo(b)fluoranthene	15.03	252	1201463	66.82	ng	98
88) Benzo(k)fluoranthene	15.03	252	1201709	81.12	ng	99
89) Benzo(a)pyrene	15.35	252	550521	36.12	ng	# 97
90) Dibenzo(a,h)anthracene	16.80	278	415376	32.67	ng	99
91) Benzo(g,h,i)perylene	17.20	276	407283	33.10	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 398

Delta R.T. -0.02 min

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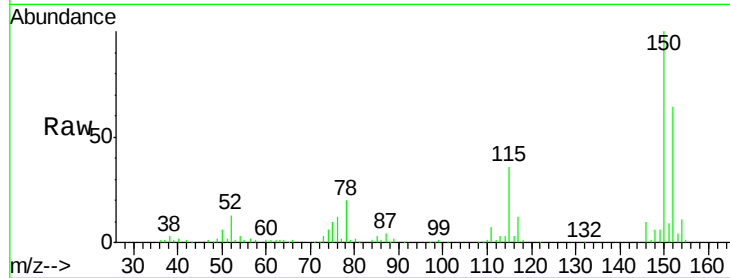
Tgt Ion:152 Resp: 122092

Ion Ratio Lower Upper

152 100

150 155.8 124.2 186.2

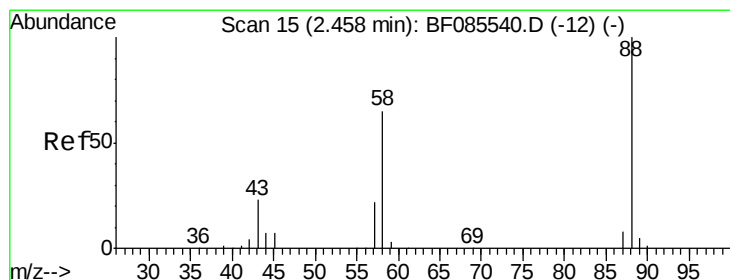
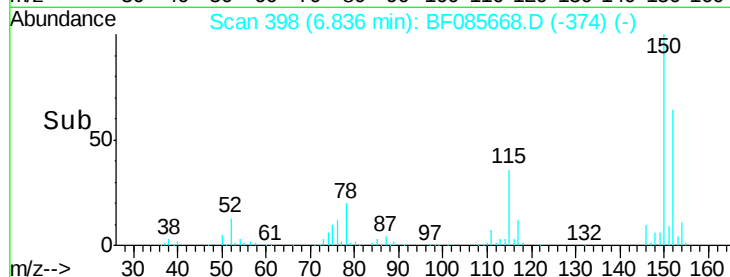
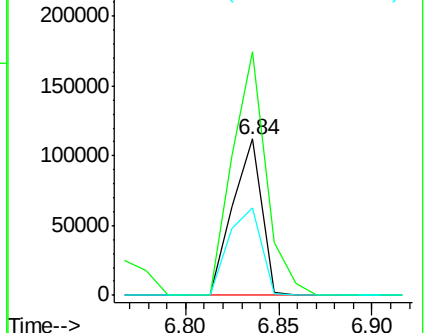
115 56.3 47.0 70.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 27.58 ng

RT: 2.50 min Scan# 19

Delta R.T. 0.05 min

Lab File: BF085668.D

Acq: 22 Mar 2016 19:43

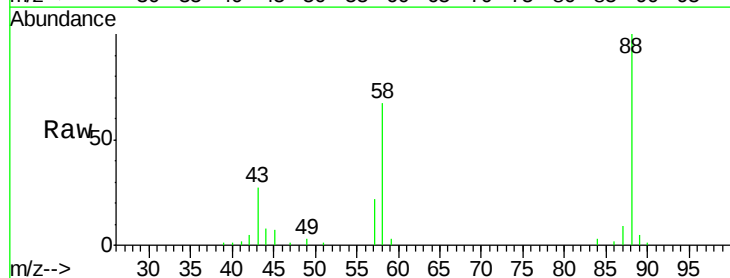
Tgt Ion: 88 Resp: 97454

Ion Ratio Lower Upper

88 100

58 68.1 54.2 81.2

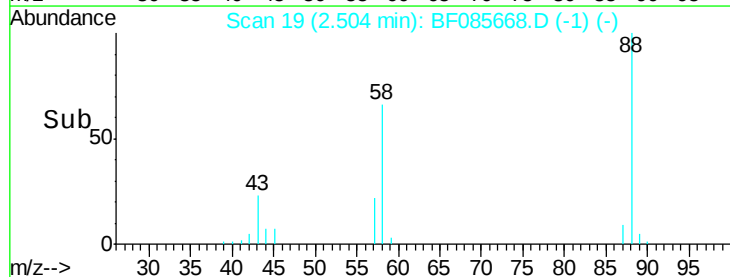
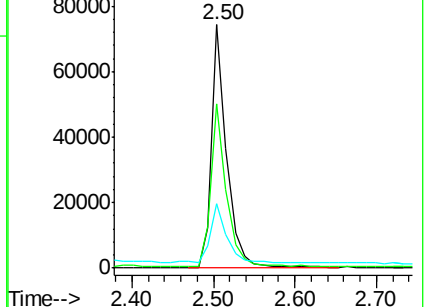
43 28.2 19.3 28.9

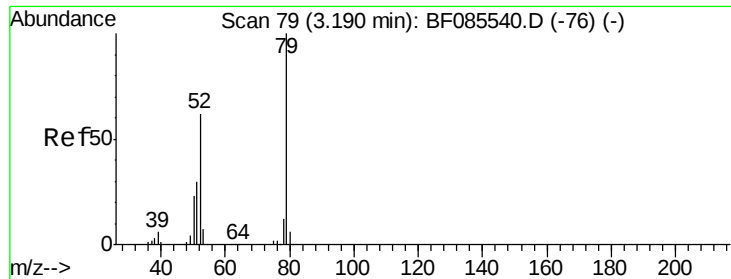


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 31.79 ng

RT: 3.22 min Scan# 82

Delta R.T. 0.03 min

Lab File: BF085668.D

Acq: 22 Mar 2016 19:43

Instrument :

BNA_F

ClientSampleId :

PB89081BS

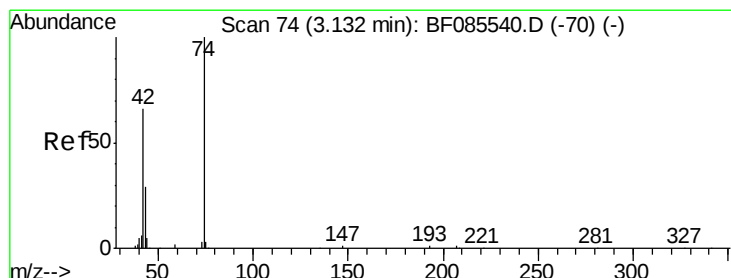
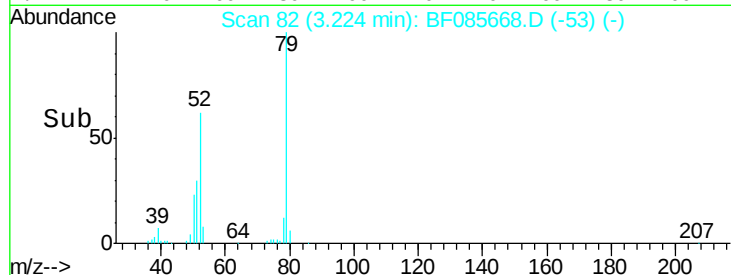
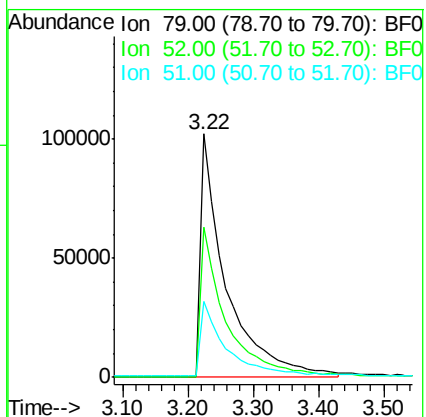
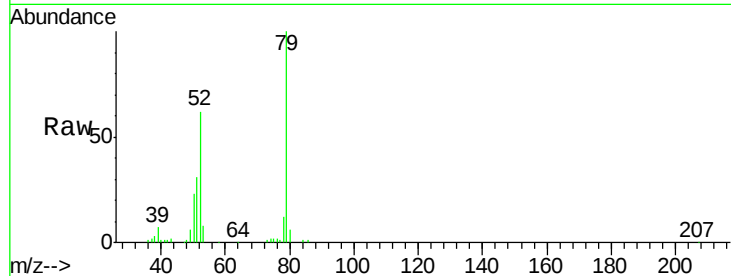
Tgt Ion: 79 Resp: 275855

Ion Ratio Lower Upper

79 100

52 61.9 49.8 74.6

51 31.0 24.7 37.1



#4

n-Nitrosodimethylamine

Concen: 32.30 ng

RT: 3.17 min Scan# 77

Delta R.T. 0.03 min

Lab File: BF085668.D

Acq: 22 Mar 2016 19:43

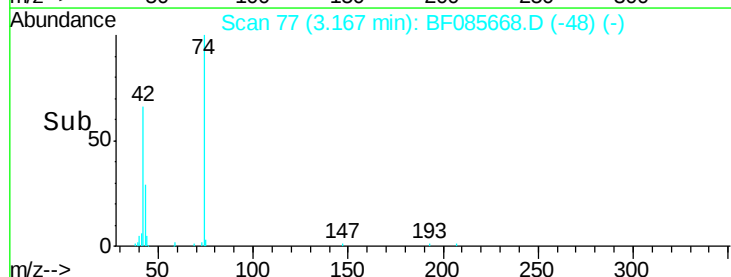
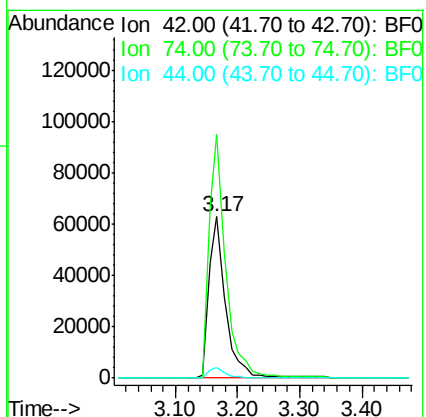
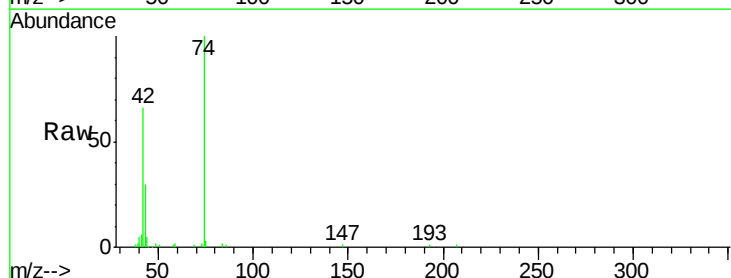
Tgt Ion: 42 Resp: 117013

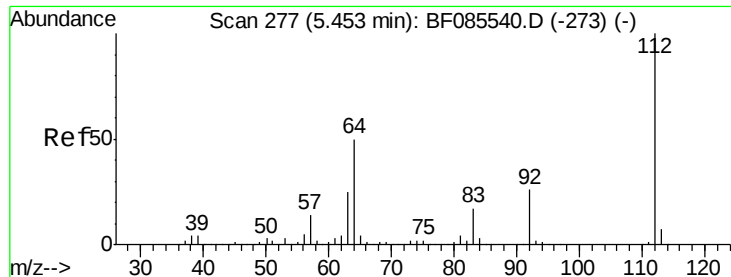
Ion Ratio Lower Upper

42 100

74 150.7 121.4 182.2

44 6.9 5.6 8.4





#5

2-Fluorophenol

Concen: 107.92 ng

RT: 5.44 min Scan# 276

Delta R.T. -0.01 min

Lab File: BF085668.D

Acq: 22 Mar 2016 19:43

Instrument :

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ClientSampleID :

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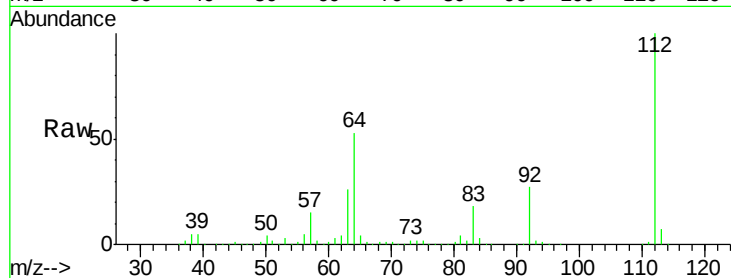
Tgt Ion: 112 Resp: 784439

Ion Ratio Lower Upper

112 100

64 52.8 39.9 59.9

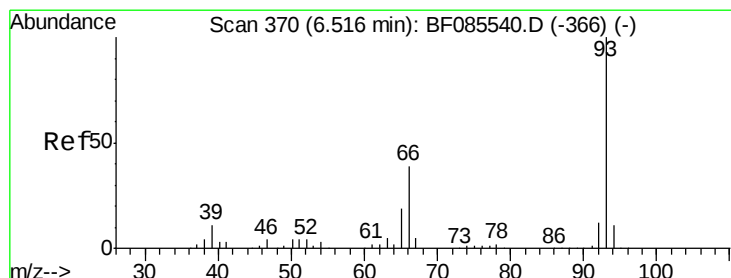
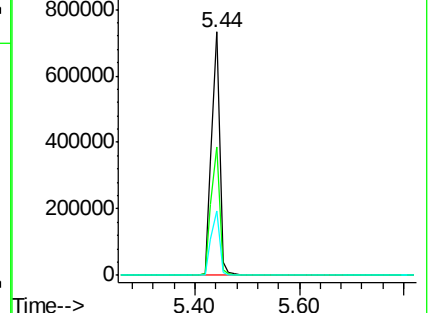
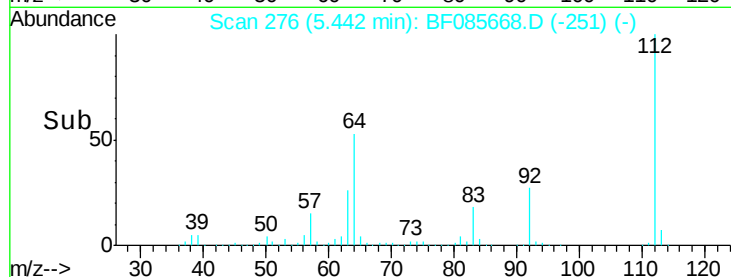
63 26.5 20.2 30.2



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

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

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



#6

Aniline

Concen: 14.81 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.02 min

Lab File: BF085668.D

Acq: 22 Mar 2016 19:43

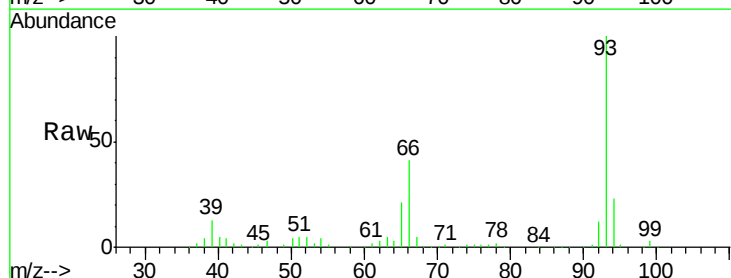
Tgt Ion: 93 Resp: 185423

Ion Ratio Lower Upper

93 100

66 41.0 31.4 47.2

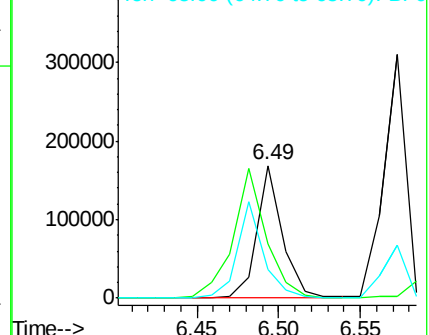
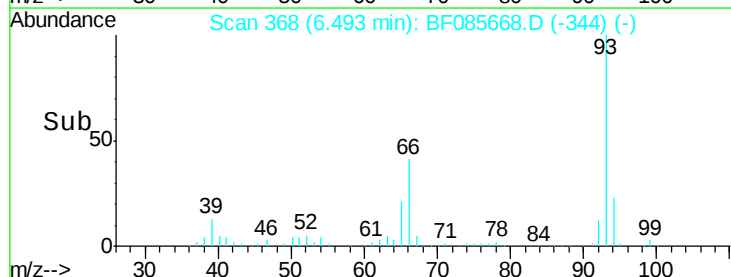
65 21.4 15.7 23.5



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

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

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





#7

Phenol-d6

Concen: 102.25 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.02 min

Lab File: BF085668.D

Acq: 22 Mar 2016 19:43

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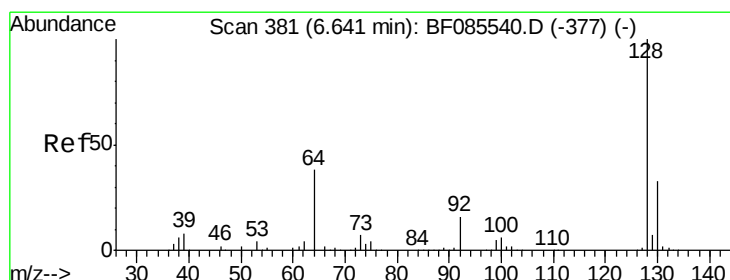
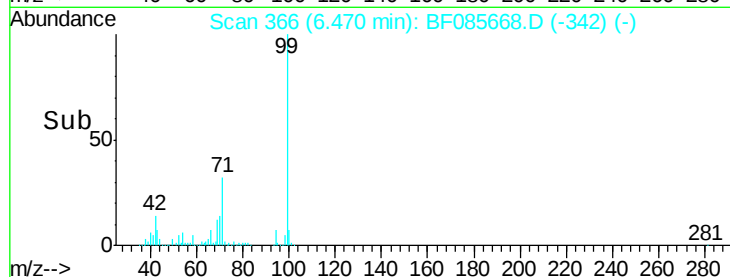
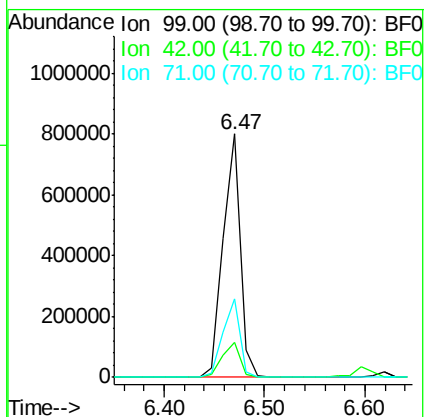
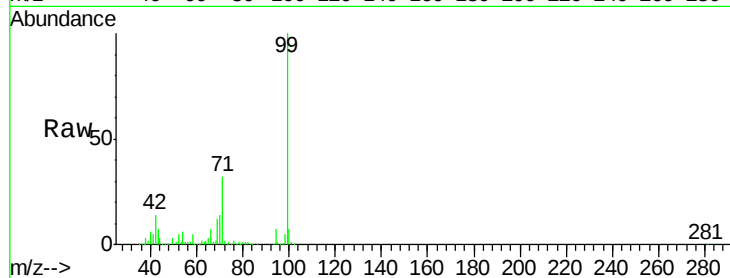
Tgt Ion: 99 Resp: 953260

Ion Ratio Lower Upper

99 100

42 14.5 11.1 16.7

71 32.1 24.9 37.3



#8

2-Chlorophenol

Concen: 36.07 ng

RT: 6.62 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF085668.D

Acq: 22 Mar 2016 19:43

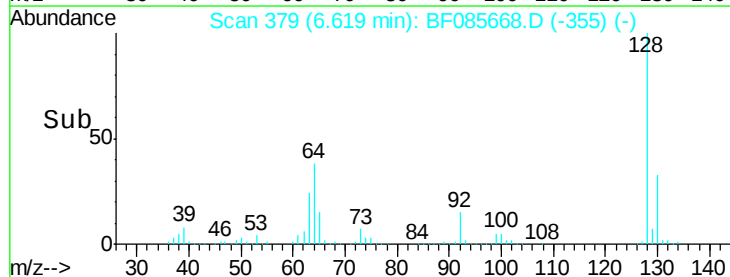
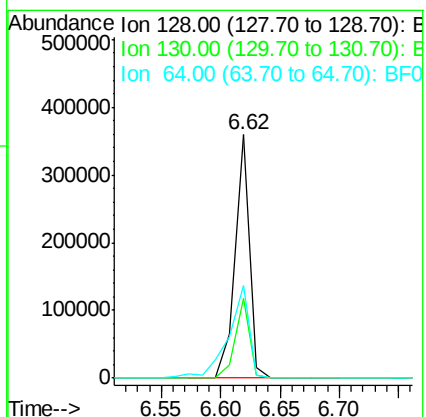
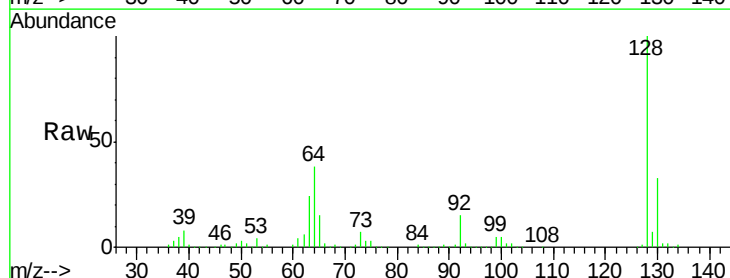
Tgt Ion: 128 Resp: 303344

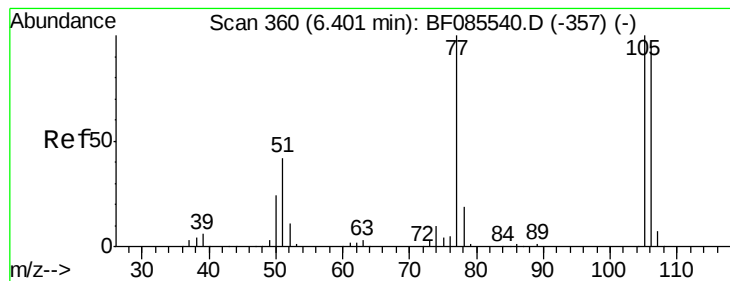
Ion Ratio Lower Upper

128 100

130 32.9 12.9 52.9

64 37.9 20.2 60.2





#9

Benzaldehyde

Concen: 6.84 ng

RT: 6.38 min Scan# 358

Delta R.T. -0.02 min

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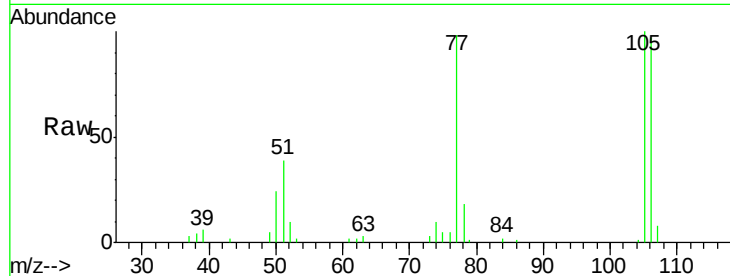
Tgt Ion: 77 Resp: 42036

Ion Ratio Lower Upper

77 100

105 102.5 80.1 120.1

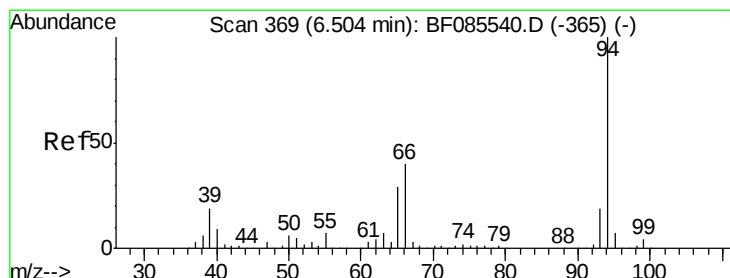
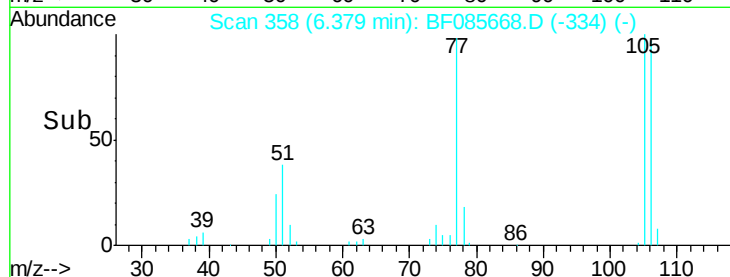
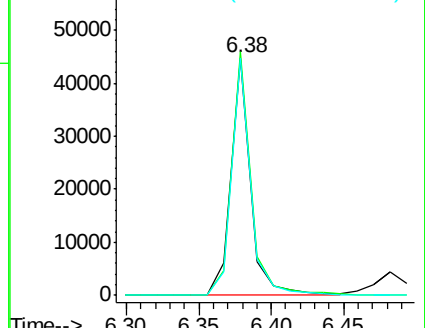
106 99.9 75.0 115.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 35.97 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.02 min

Lab File: BF085668.D

Acq: 22 Mar 2016 19:43

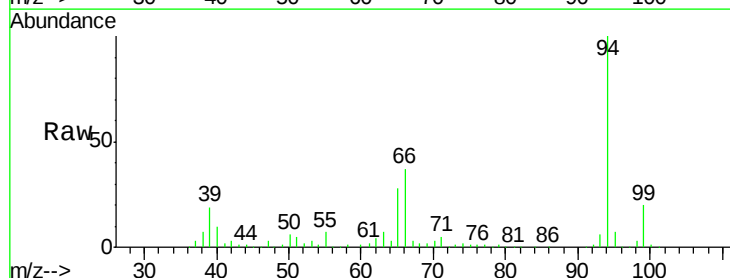
Tgt Ion: 94 Resp: 381990

Ion Ratio Lower Upper

94 100

65 27.6 8.6 48.6

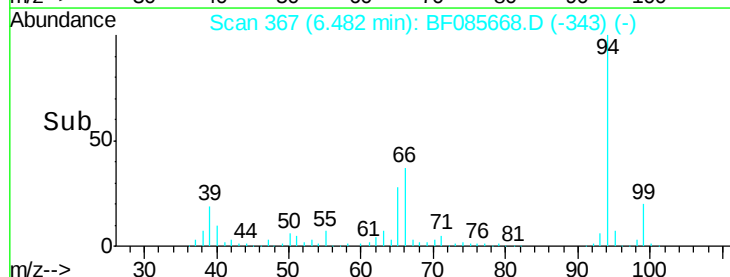
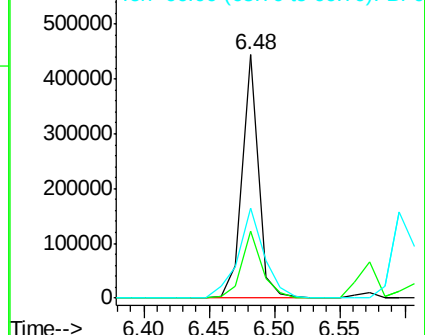
66 37.1 20.0 60.0

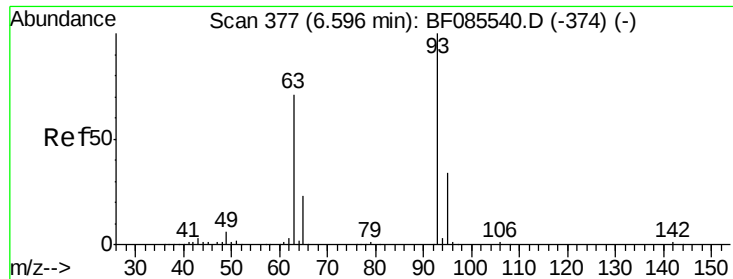


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

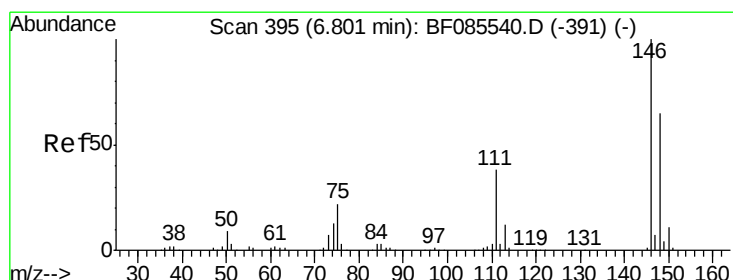
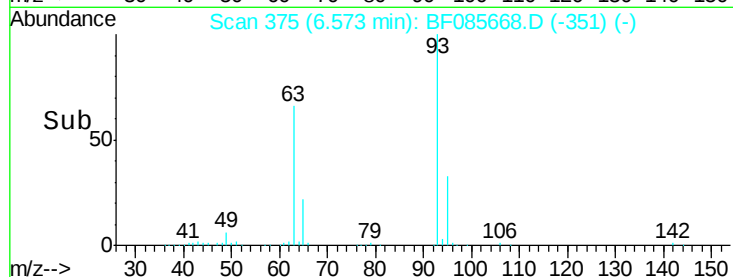
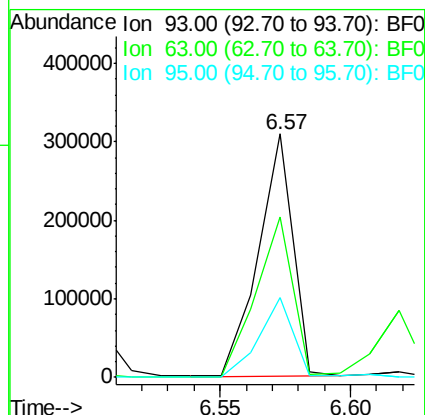
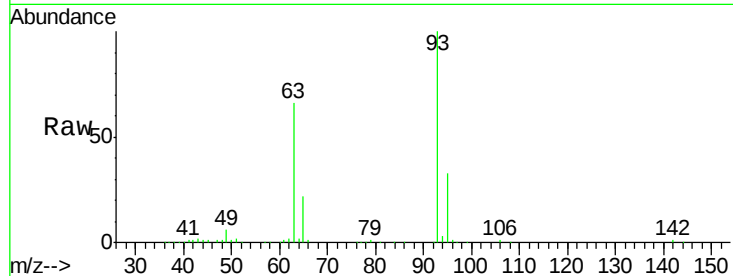




#11
bis(2-Chloroethyl)ether
Concen: 35.71 ng
RT: 6.57 min Scan# 375
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

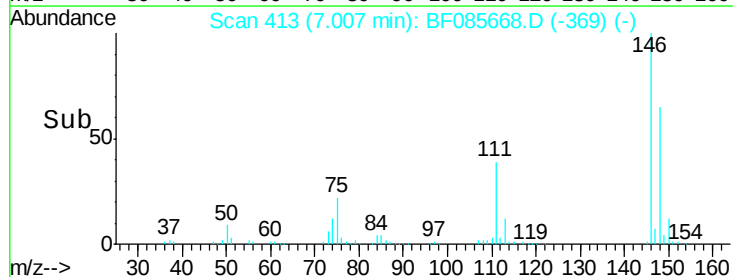
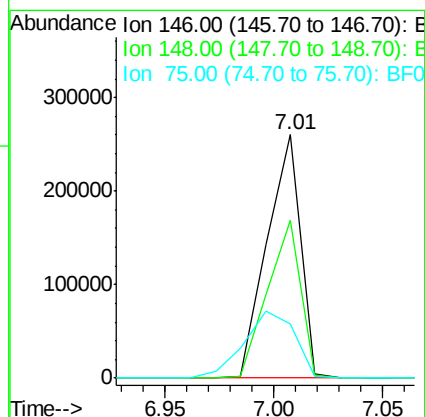
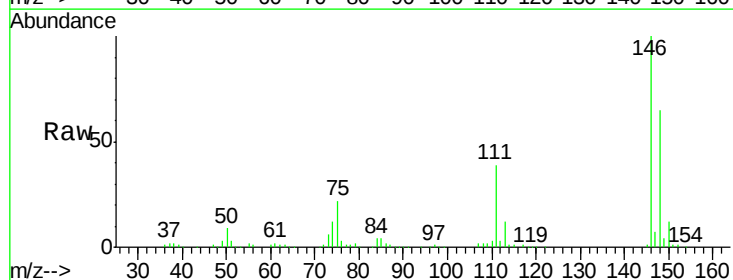
Instrument :
BNA_F
ClientSampleId :
PB89081BS

Tgt Ion: 93 Resp: 285837
Ion Ratio Lower Upper
93 100
63 65.8 50.9 90.9
95 32.7 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 30.66 ng
RT: 7.01 min Scan# 413
Delta R.T. 0.21 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

Tgt Ion: 146 Resp: 280914
Ion Ratio Lower Upper
146 100
148 65.1 52.3 78.5
75 22.3 17.4 26.2

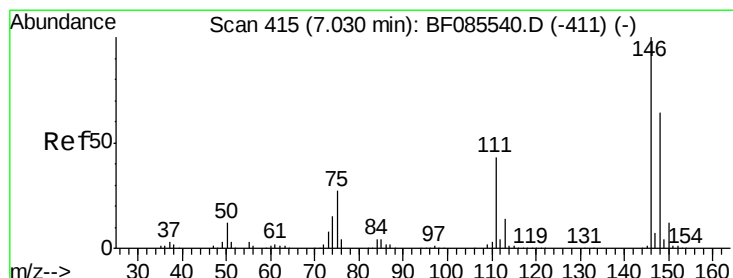
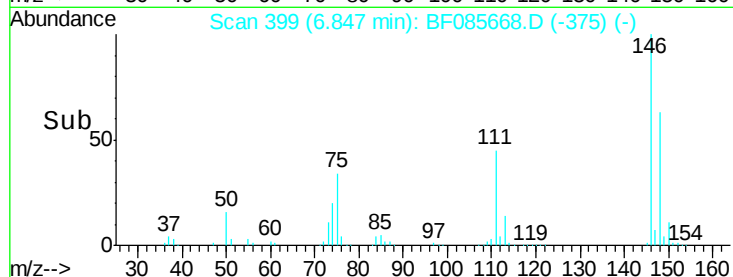
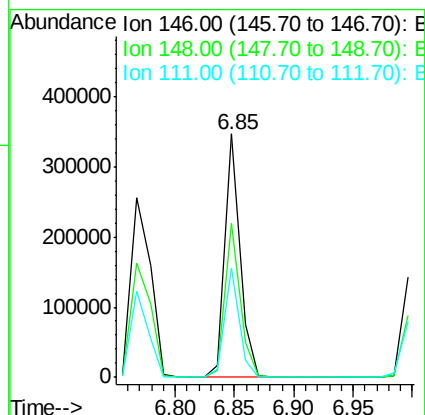
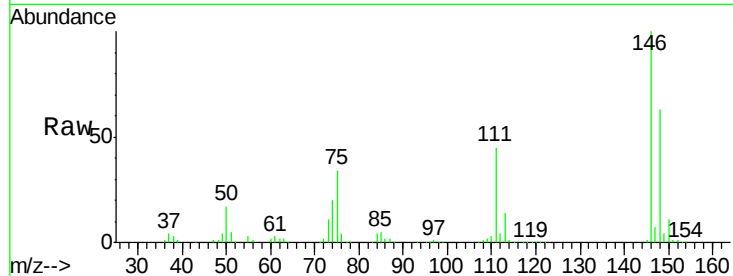




#13
 1,4-Dichlorobenzene
 Concen: 32.70 ng
 RT: 6.85 min Scan# 399
 Delta R.T. -0.02 min
 Lab File: BF085668.D
 Acq: 22 Mar 2016 19:43

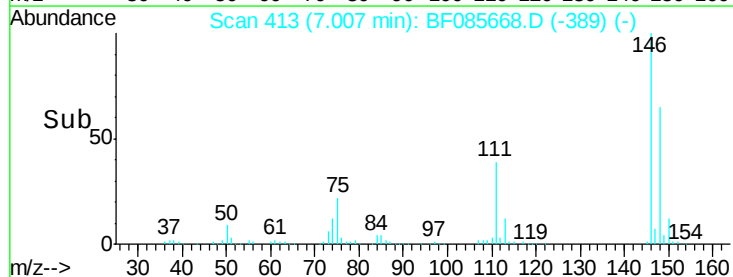
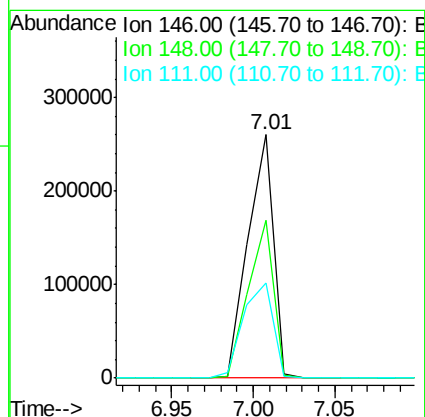
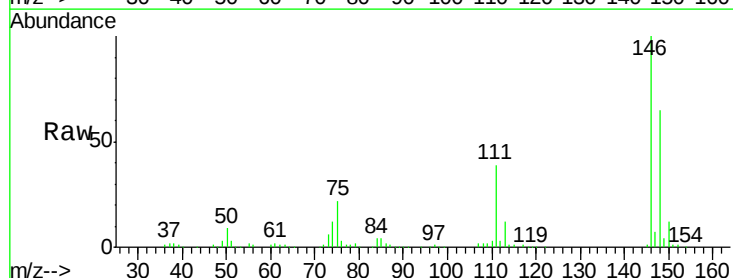
Instrument :
 BNA_F
 ClientSampleId :
 PB89081BS

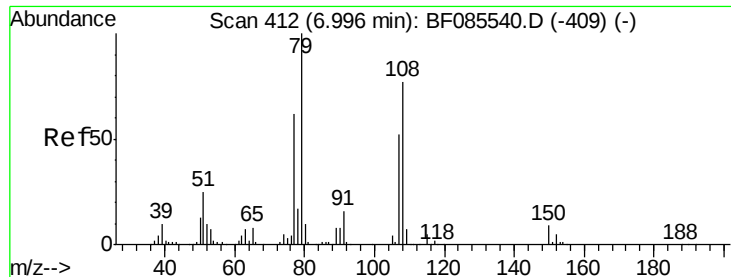
Tgt Ion:146 Resp: 305612
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.6 76.0
 111 45.0 37.8 56.6



#14
 1,2-Dichlorobenzene
 Concen: 33.85 ng
 RT: 7.01 min Scan# 413
 Delta R.T. -0.02 min
 Lab File: BF085668.D
 Acq: 22 Mar 2016 19:43

Tgt Ion:146 Resp: 280880
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.4 77.2
 111 38.9 34.6 52.0





#15

Benzyl Alcohol

Concen: 36.28 ng

RT: 6.97 min Scan# 410

Delta R.T. -0.02 min

Lab File: BF085668.D

Acq: 22 Mar 2016 19:43

Instrument :

BNA_F

ClientSampleId :

PB89081BS

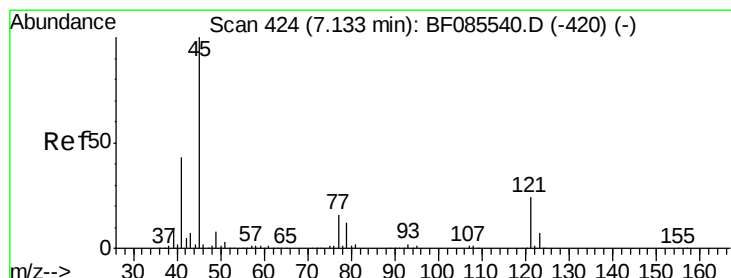
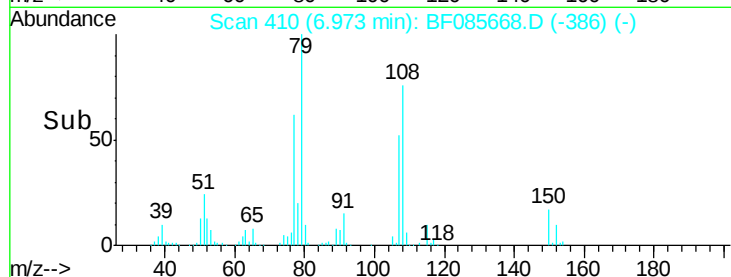
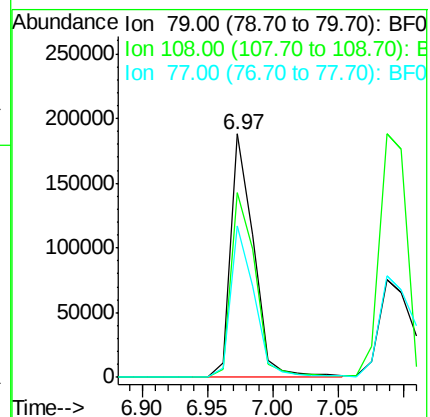
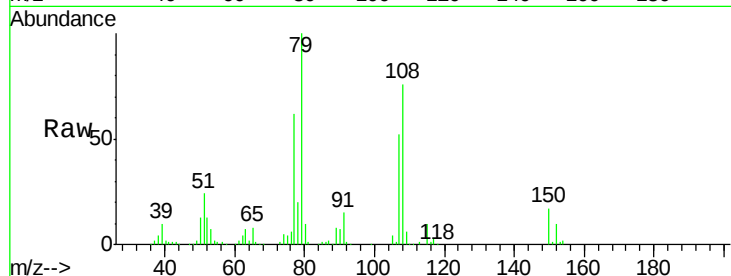
Tgt Ion: 79 Resp: 231701

Ion Ratio Lower Upper

79 100

108 76.0 61.8 92.6

77 62.0 49.6 74.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.46 ng

RT: 7.11 min Scan# 422

Delta R.T. -0.02 min

Lab File: BF085668.D

Acq: 22 Mar 2016 19:43

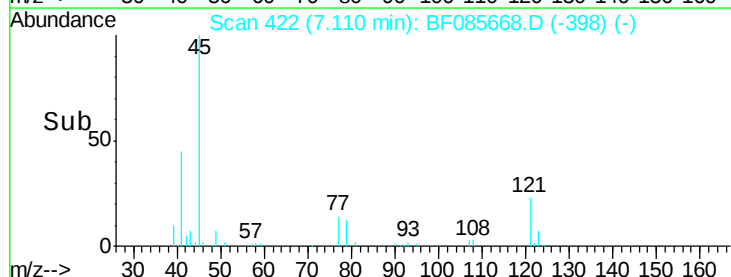
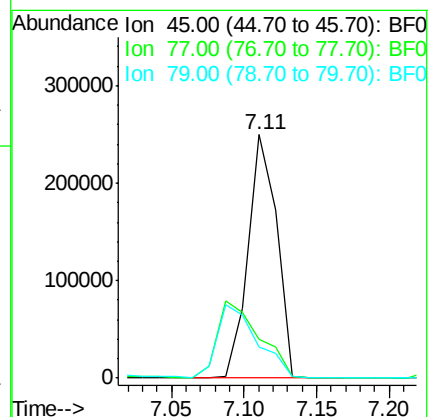
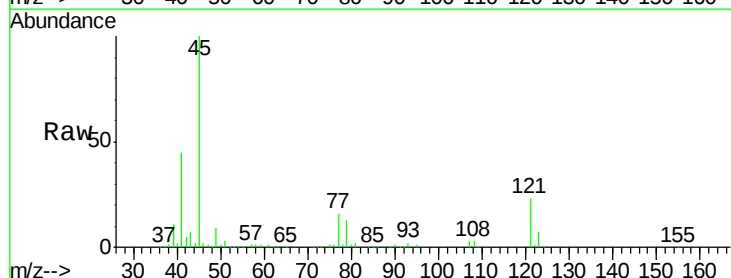
Tgt Ion: 45 Resp: 341709

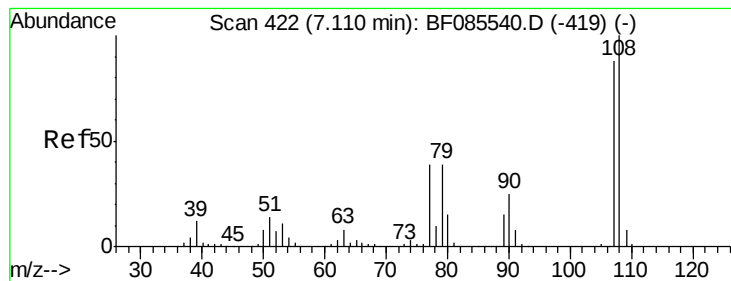
Ion Ratio Lower Upper

45 100

77 16.2 0.0 35.7

79 12.6 0.0 32.2





#17

2-Methylphenol

Concen: 34.58 ng

RT: 7.09 min Scan# 420

Delta R.T. -0.02 min

Lab File: BF085668.D

Acq: 22 Mar 2016 19:43

Instrument :

BNA_F

ClientSampleId :

PB89081BS

Tgt Ion:107 Resp: 241014

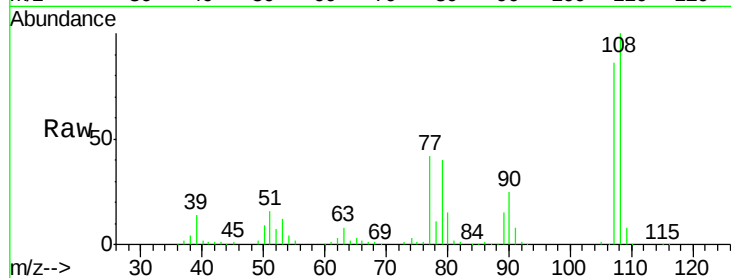
Ion Ratio Lower Upper

107 100

108 115.7 91.4 137.0

77 48.5 36.2 54.2

79 46.6 35.8 53.8

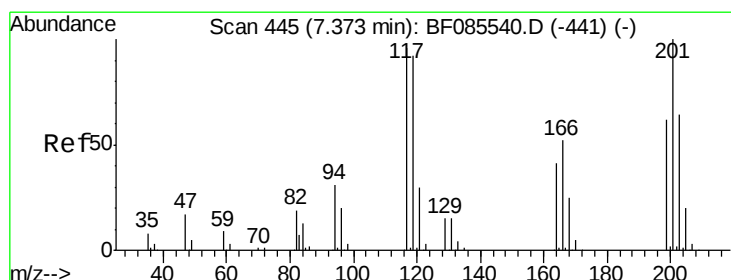
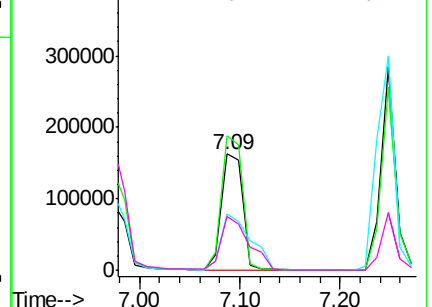
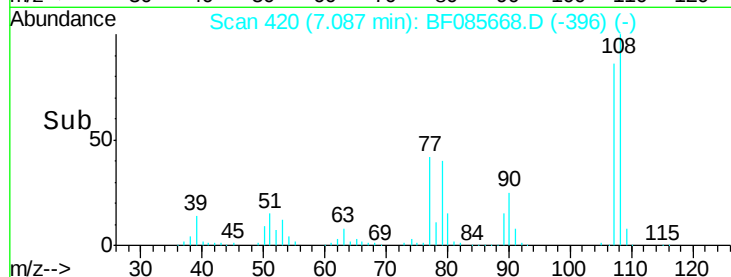


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 32.94 ng

RT: 7.34 min Scan# 442

Delta R.T. -0.03 min

Lab File: BF085668.D

Acq: 22 Mar 2016 19:43

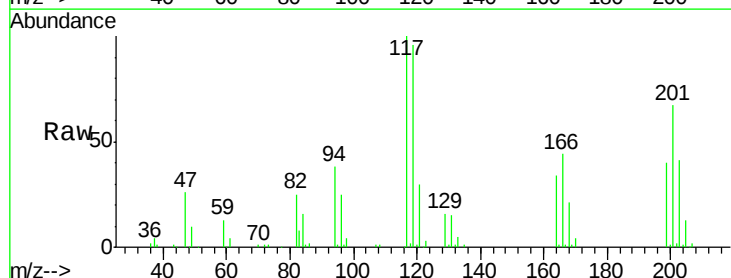
Tgt Ion:117 Resp: 111153

Ion Ratio Lower Upper

117 100

119 96.5 76.7 115.1

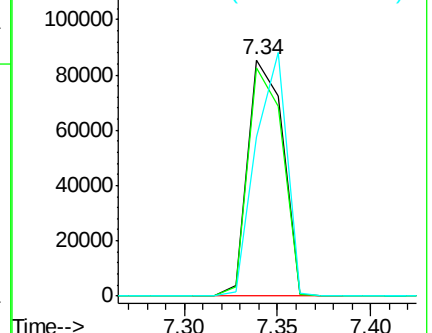
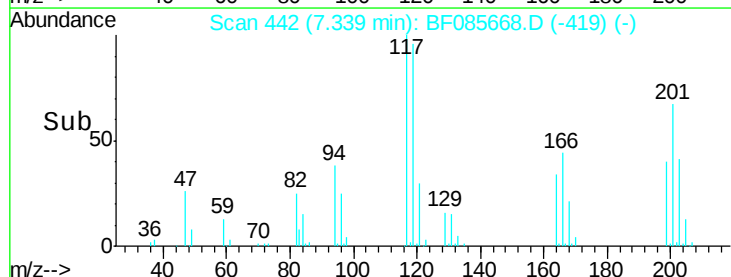
201 67.1 83.3 124.9#

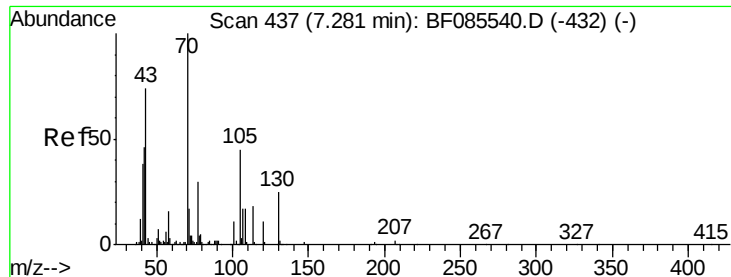


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

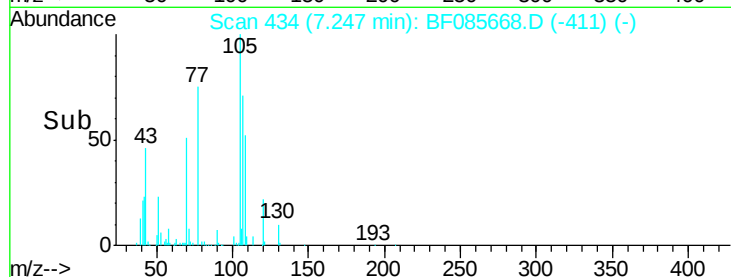
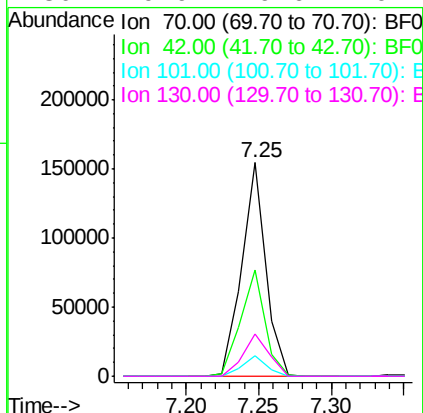
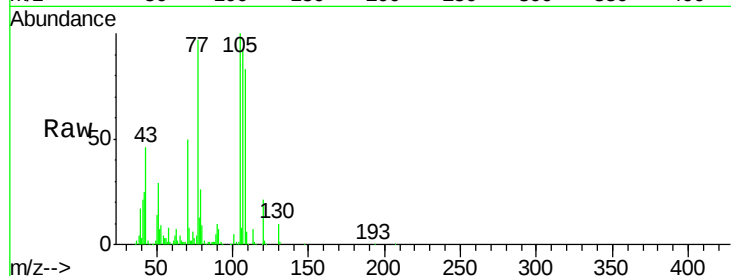




#19
n-Nitroso-di-n-propylamine
Concen: 32.00 ng
RT: 7.25 min Scan# 434
Delta R.T. -0.03 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

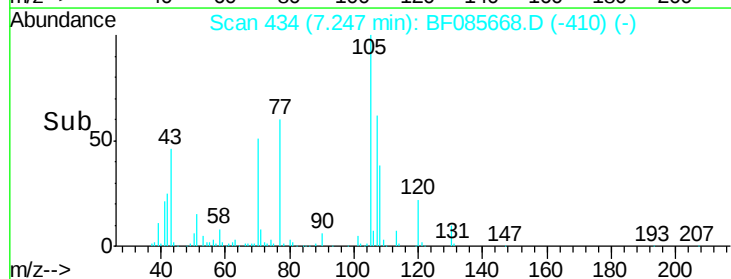
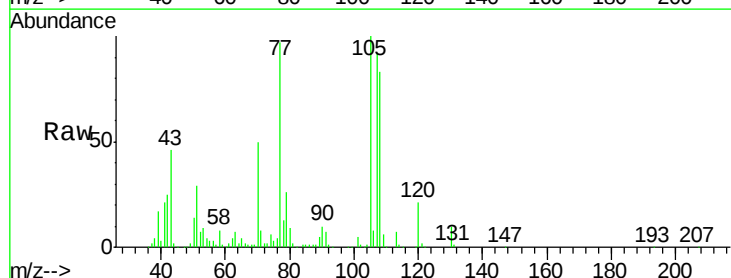
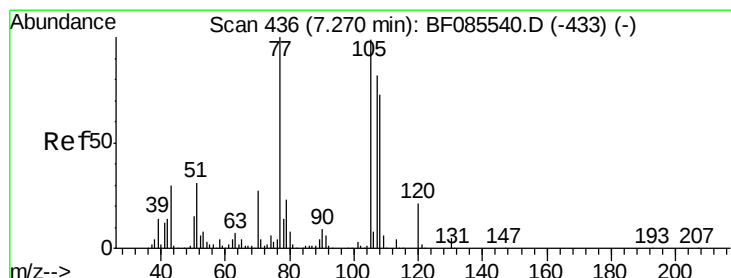
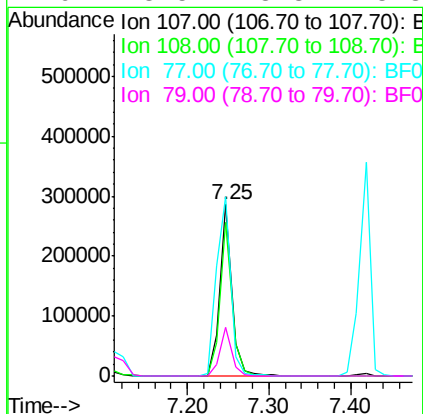
Instrument :
BNA_F
ClientSampleId :
PB89081BS

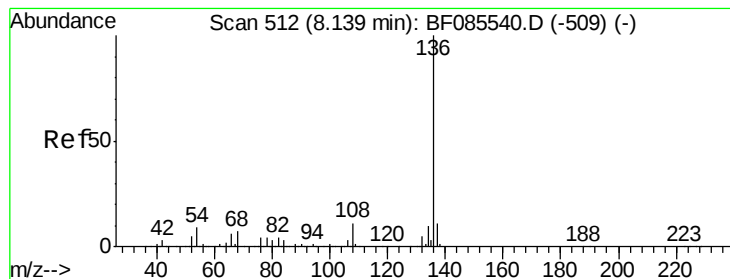
Tgt Ion: 70 Resp: 178188
Ion Ratio Lower Upper
70 100
42 50.0 37.1 55.7
101 9.5 8.6 12.8
130 19.9 19.6 29.4



#20
3+4-Methylphenols
Concen: 36.35 ng
RT: 7.25 min Scan# 434
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

Tgt Ion: 107 Resp: 293429
Ion Ratio Lower Upper
107 100
108 89.9 69.3 109.3
77 104.6 101.7 141.7
79 28.5 8.3 48.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 510

Delta R.T. -0.02 min

Lab File: BF085668.D

Acq: 22 Mar 2016 19:43

Instrument :

BNA_F

ClientSampleId :

PB89081BS

Tgt Ion:136 Resp: 496713

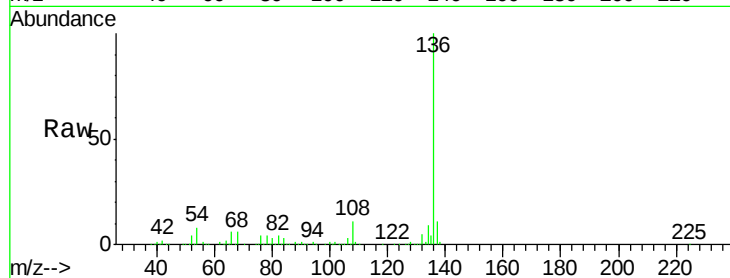
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.6 7.4 11.0

68 6.3 5.8 8.8

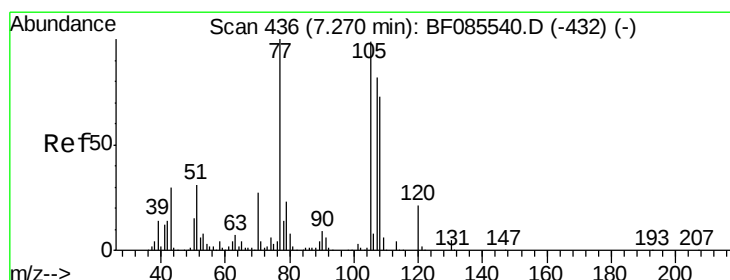
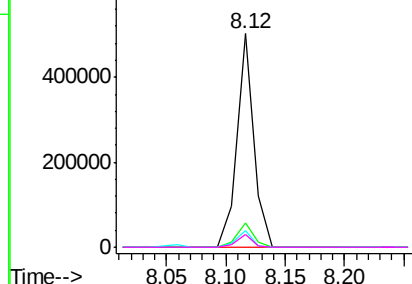
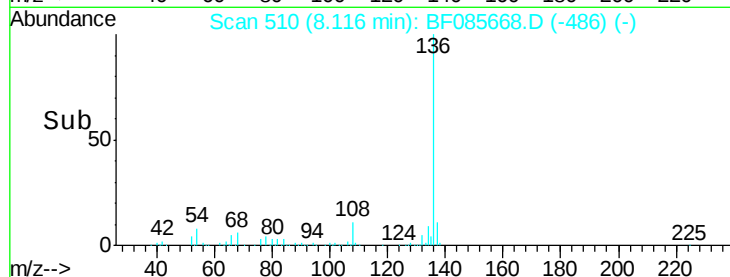


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 32.00 ng

RT: 7.25 min Scan# 434

Delta R.T. -0.02 min

Lab File: BF085668.D

Acq: 22 Mar 2016 19:43

Tgt Ion:105 Resp: 377161

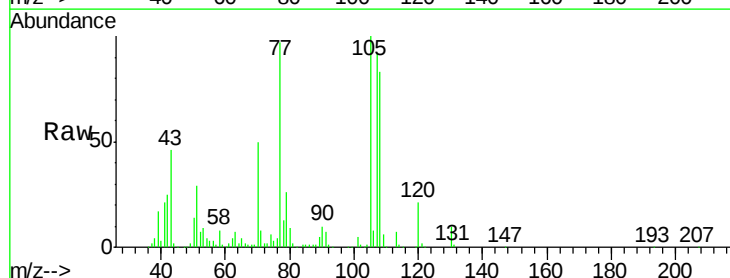
Ion Ratio Lower Upper

105 100

71 8.2 3.6 5.4#

51 29.2 25.4 38.0

120 21.4 16.9 25.3

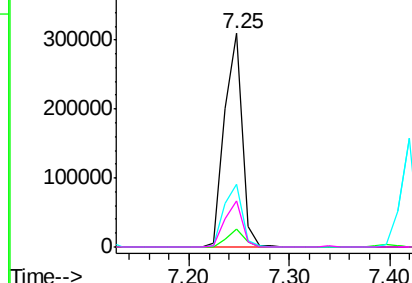
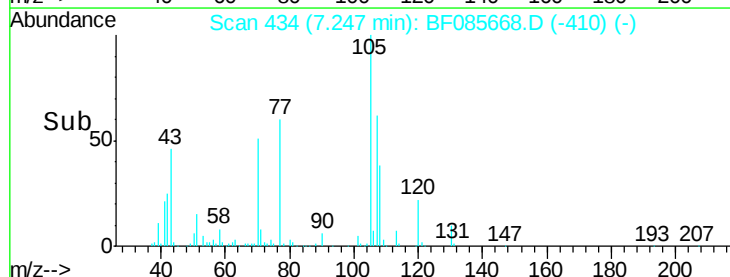


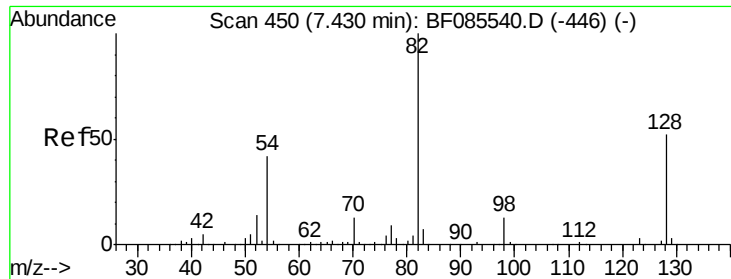
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

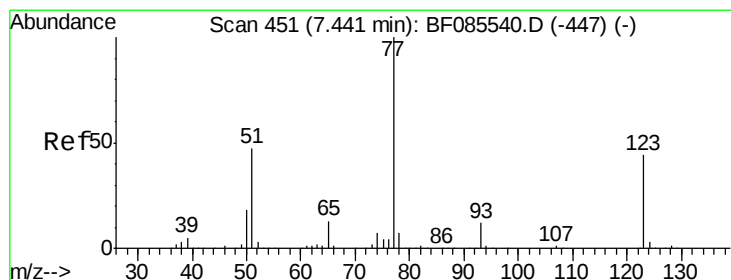
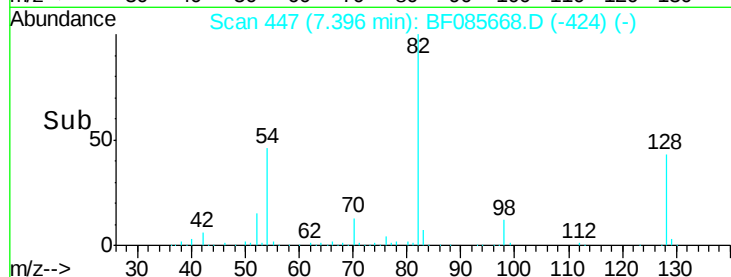
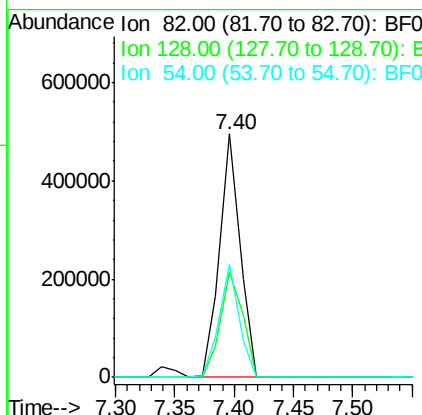
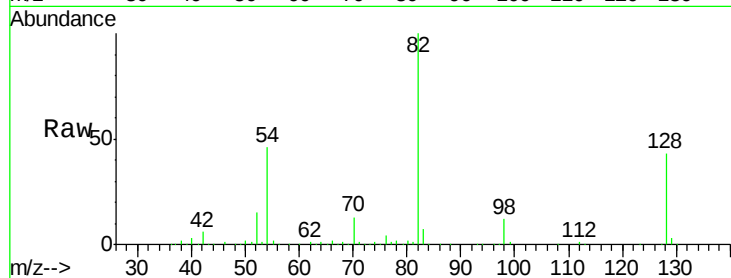




#23
 Nitrobenzene-d5
 Concen: 69.48 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.03 min
 Lab File: BF085668.D
 Acq: 22 Mar 2016 19:43

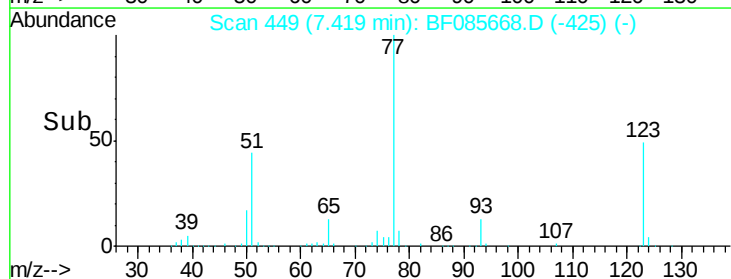
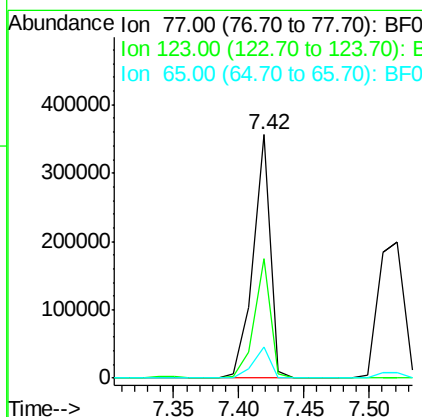
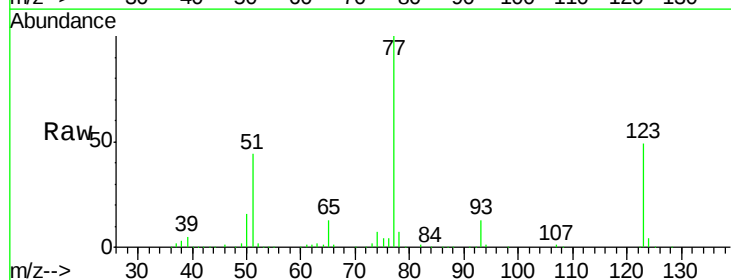
Instrument :
 BNA_F
 ClientSampleId :
 PB89081BS

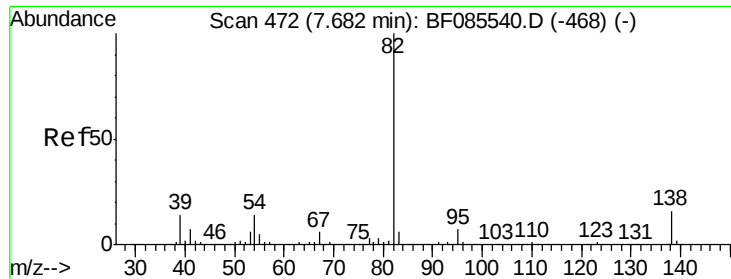
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.4	41.8	62.8
54	46.4	33.4	50.0



#24
 Nitrobenzene
 Concen: 34.96 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.02 min
 Lab File: BF085668.D
 Acq: 22 Mar 2016 19:43

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.9	35.0	52.4
65	12.8	10.6	16.0





#25

Isophorone

Concen: 34.31 ng

RT: 7.66 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF085668.D

Acq: 22 Mar 2016 19:43

Instrument :

BNA_F

ClientSampleId :

PB89081BS

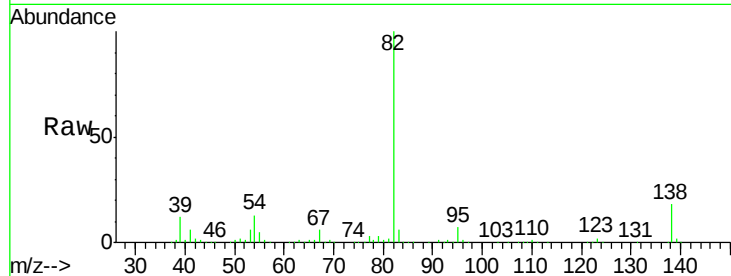
Tgt Ion: 82 Resp: 587832

Ion Ratio Lower Upper

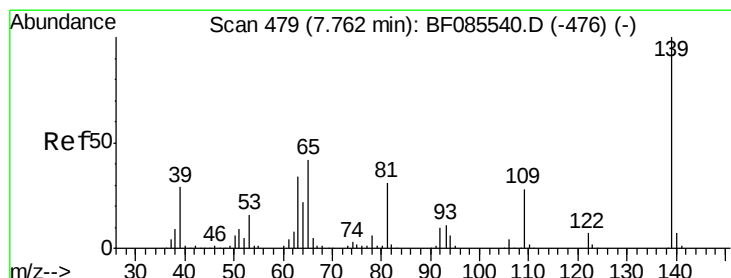
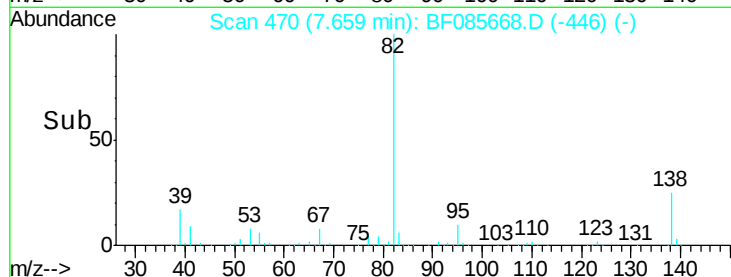
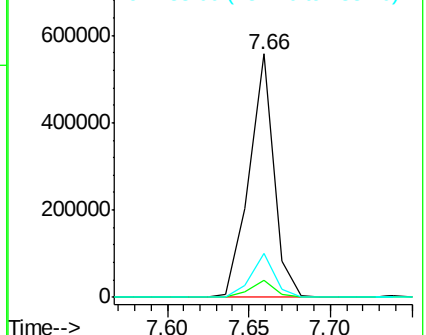
82 100

95 7.2 5.4 8.2

138 17.8 12.9 19.3



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: 35.64 ng

RT: 7.74 min Scan# 477

Delta R.T. -0.02 min

Lab File: BF085668.D

Acq: 22 Mar 2016 19:43

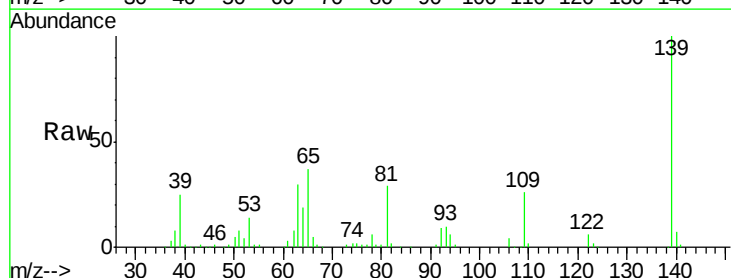
Tgt Ion: 139 Resp: 164967

Ion Ratio Lower Upper

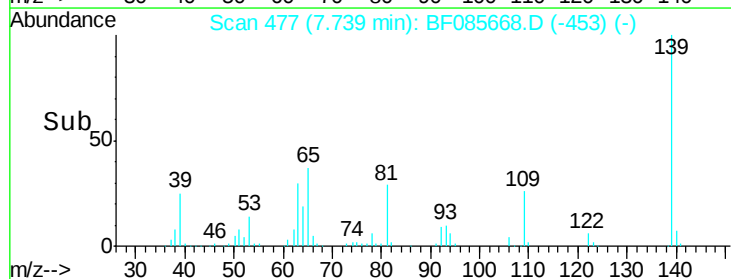
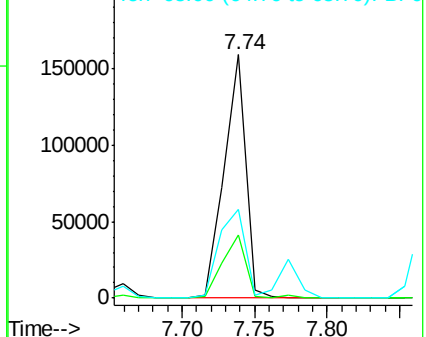
139 100

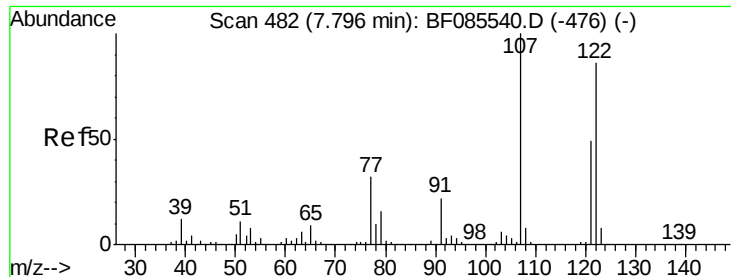
109 25.9 22.1 33.1

65 36.6 33.9 50.9



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





#27

2,4-Dimethylphenol

Concen: 33.58 ng

RT: 7.77 min Scan# 480

Delta R.T. -0.02 min

Lab File: BF085668.D

Acq: 22 Mar 2016 19:43

Instrument :

BNA_F

ClientSampleId :

PB89081BS

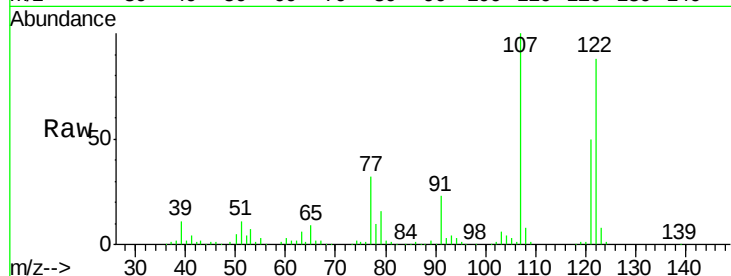
Tgt Ion: 122 Resp: 274882

Ion Ratio Lower Upper

122 100

107 113.8 93.0 139.6

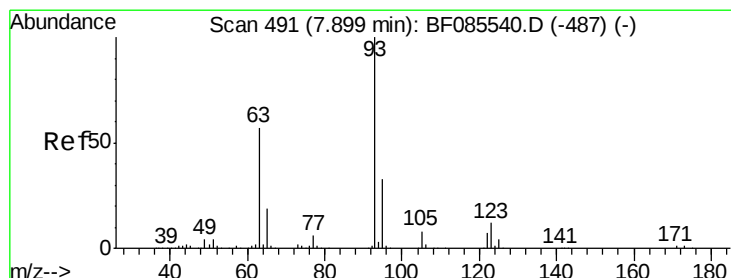
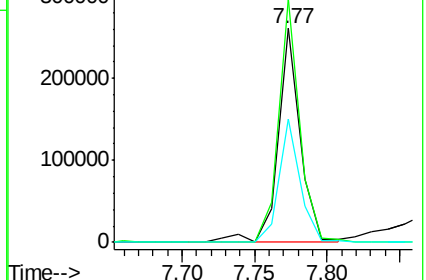
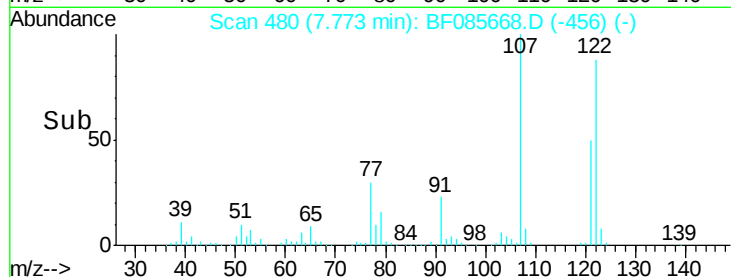
121 57.4 45.9 68.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 35.48 ng

RT: 7.88 min Scan# 489

Delta R.T. -0.02 min

Lab File: BF085668.D

Acq: 22 Mar 2016 19:43

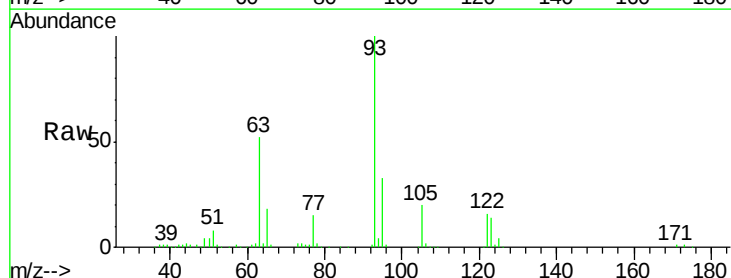
Tgt Ion: 93 Resp: 345736

Ion Ratio Lower Upper

93 100

95 33.1 26.4 39.6

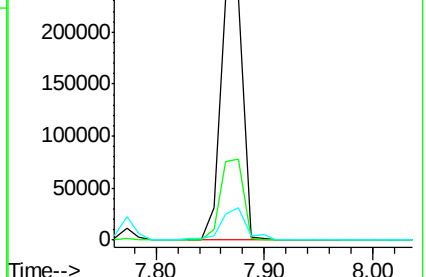
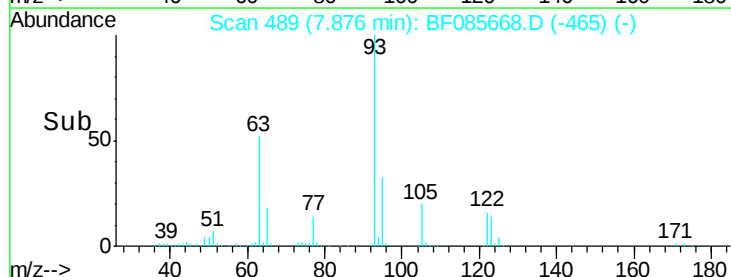
123 13.5 9.8 14.6

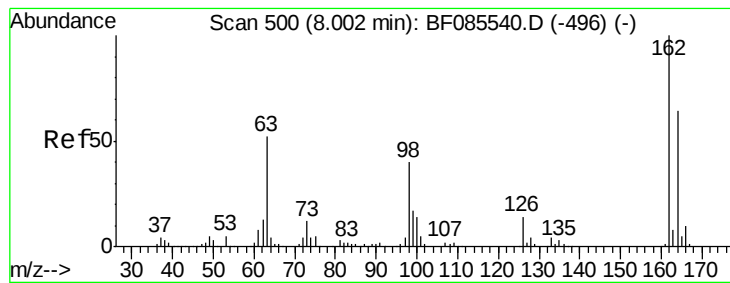


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

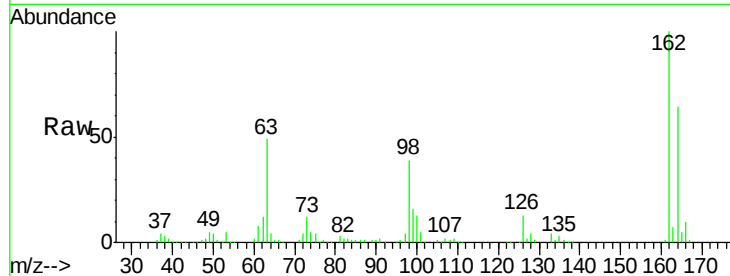




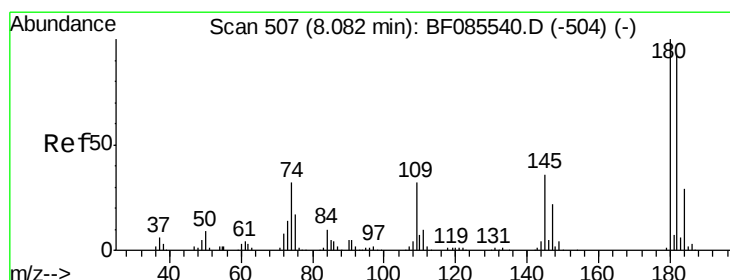
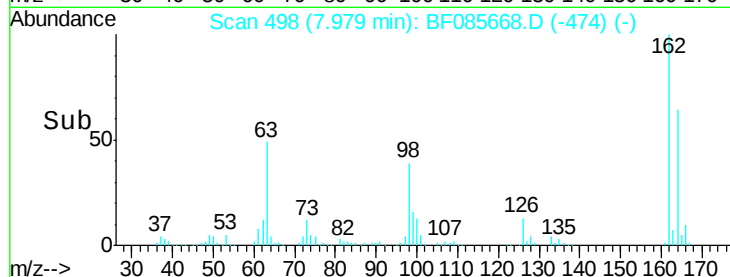
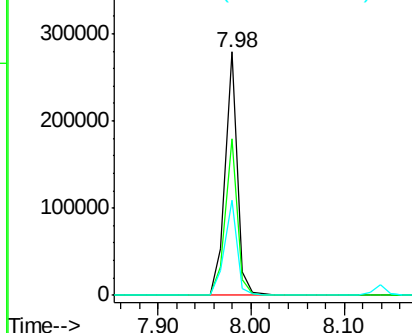
#29
 2,4-Dichlorophenol
 Concen: 37.28 ng
 RT: 7.98 min Scan# 498
 Delta R.T. -0.02 min
 Lab File: BF085668.D
 Acq: 22 Mar 2016 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PB89081BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.1	43.7	83.7
98	38.9	20.4	60.4

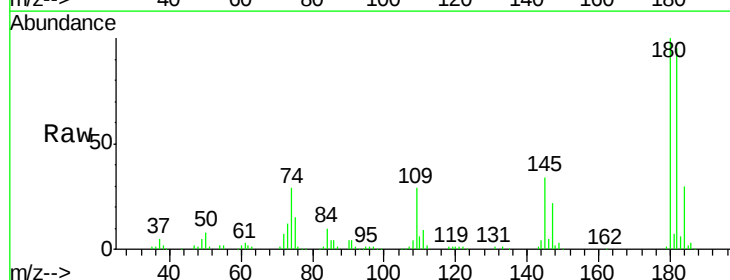


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

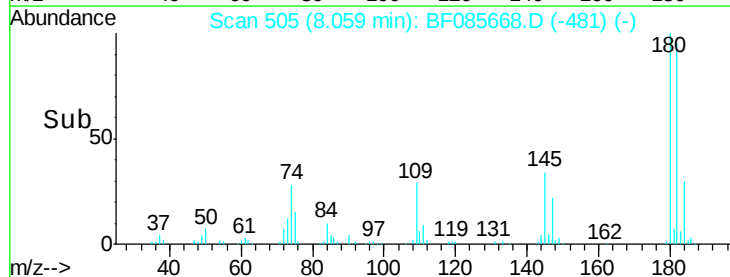
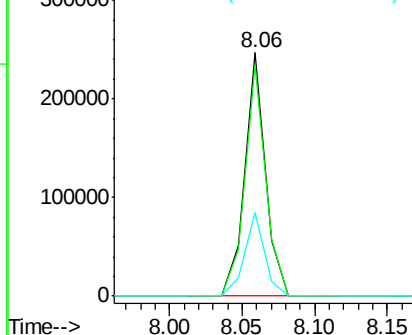


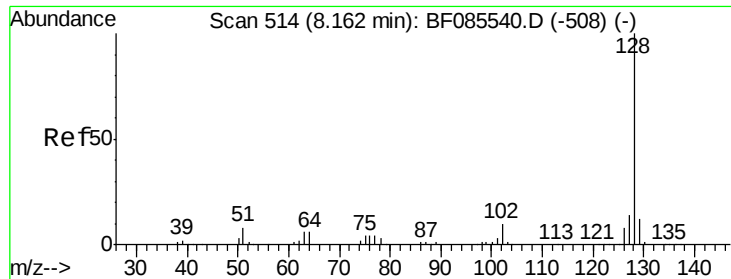
#30
 1,2,4-Trichlorobenzene
 Concen: 32.22 ng
 RT: 8.06 min Scan# 505
 Delta R.T. -0.02 min
 Lab File: BF085668.D
 Acq: 22 Mar 2016 19:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	73.8	110.8
145	34.4	28.4	42.6



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

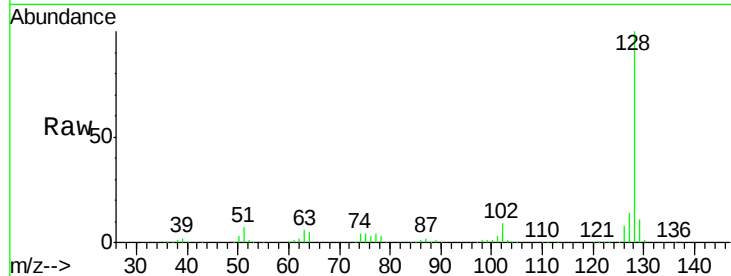




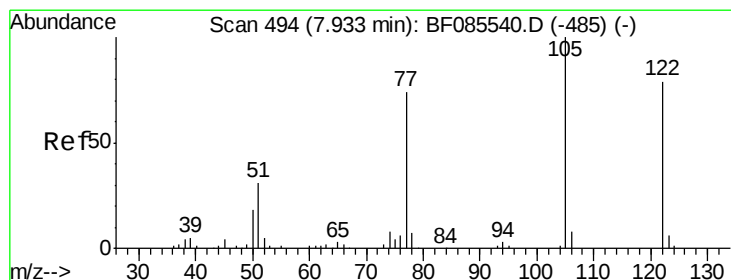
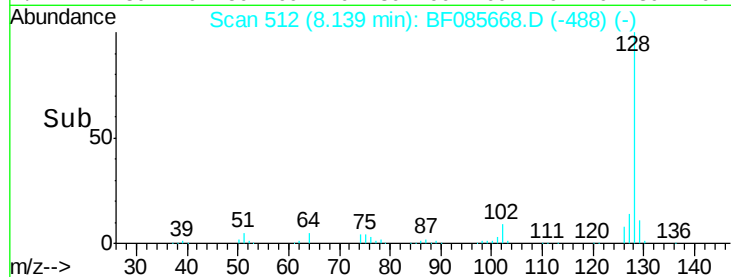
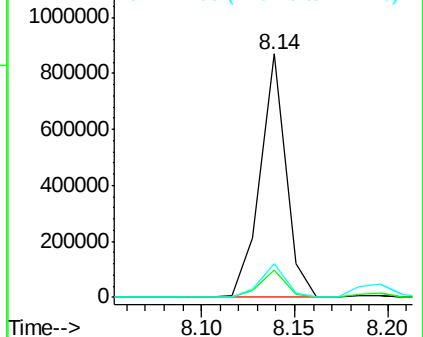
#31
Naphthalene
Concen: 33.09 ng
RT: 8.14 min Scan# 512
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

Instrument :
BNA_F
ClientSampleId :
PB89081BS

Tgt Ion:128 Resp: 829692
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.0
127 13.7 11.0 16.6

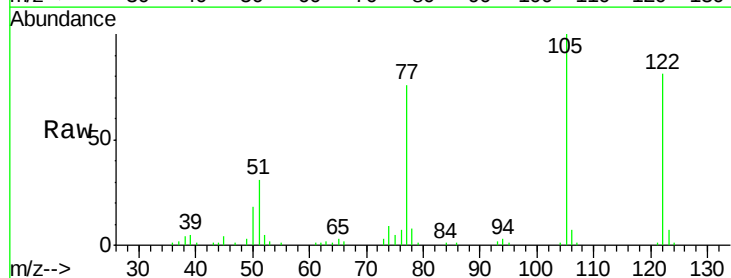


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

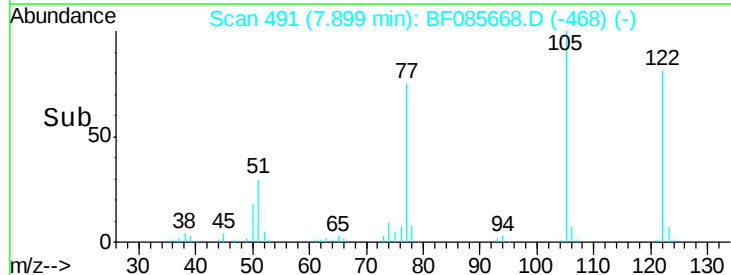
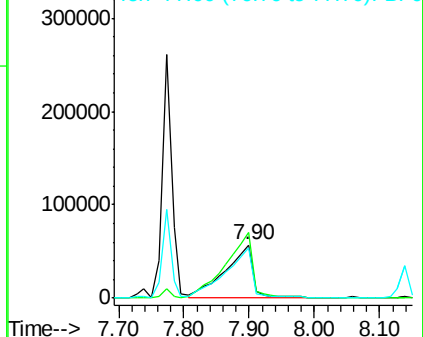


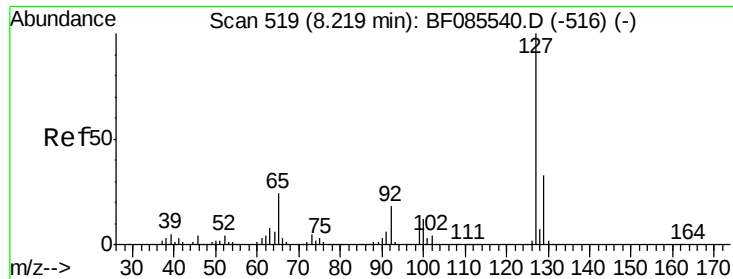
#32
Benzoic acid
Concen: 24.50 ng
RT: 7.90 min Scan# 491
Delta R.T. -0.03 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

Tgt Ion:122 Resp: 167697
Ion Ratio Lower Upper
122 100
105 123.3 102.9 142.9
77 94.2 71.8 111.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

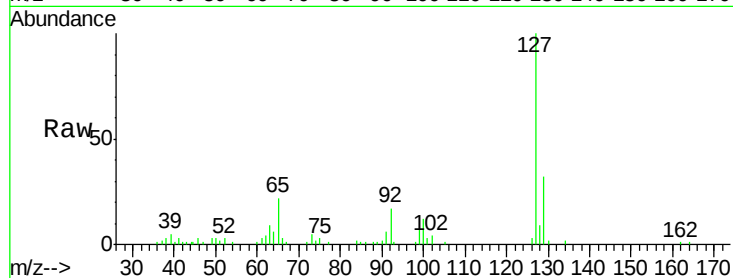




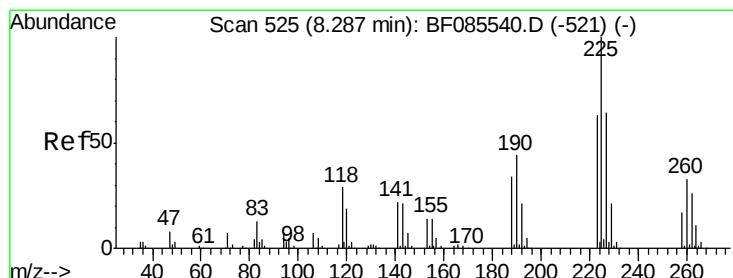
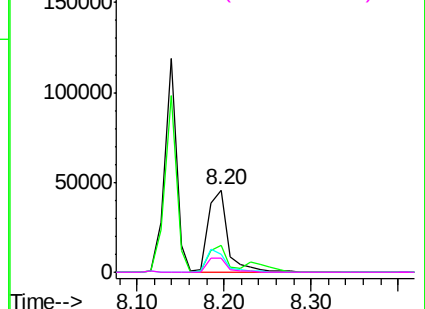
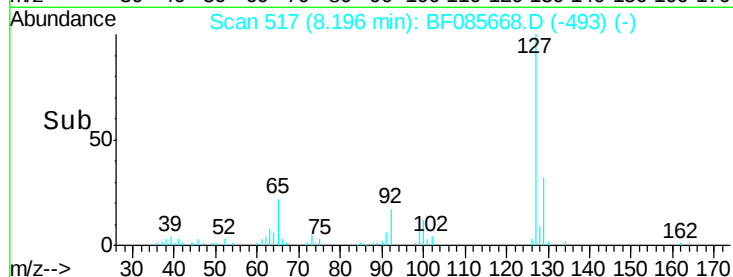
#33
4-Chloroaniline
Concen: 7.04 ng
RT: 8.20 min Scan# 517
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

Instrument :
BNA_F
ClientSampleId :
PB89081BS

Tgt Ion:	127	Resp:	72370
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.1	39.1
65	21.9	19.5	29.3
92	16.6	14.6	22.0

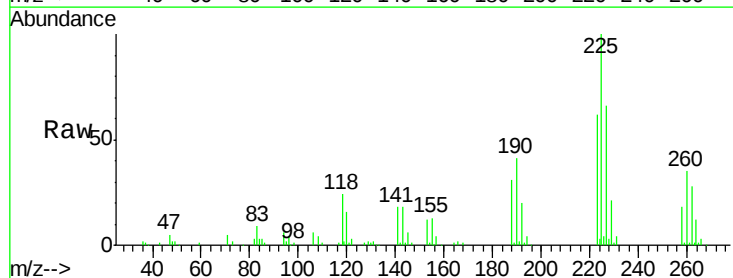


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

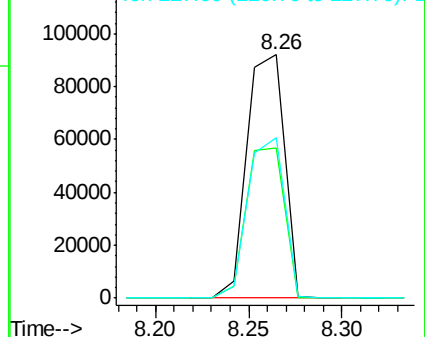
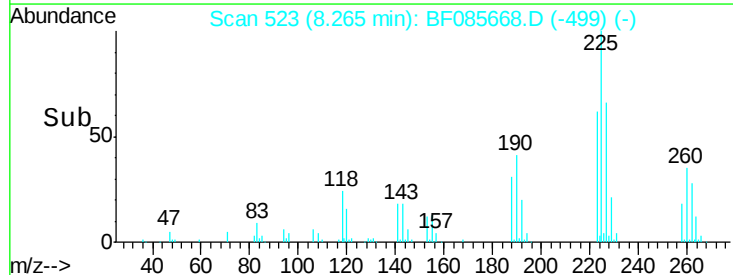


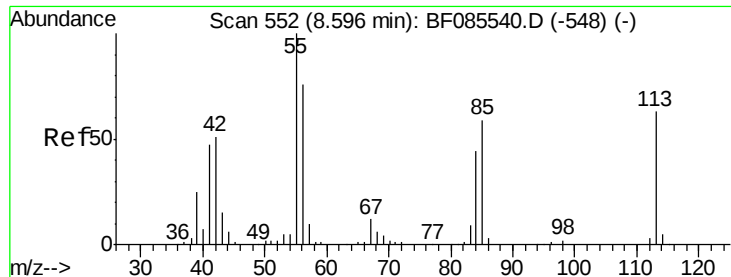
#34
Hexachlorobutadiene
Concen: 31.69 ng
RT: 8.26 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

Tgt Ion:	225	Resp:	127891
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.4	75.6
227	65.8	51.4	77.2



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: 11.88 ng

RT: 8.60 min Scan# 552

Delta R.T. 0.00 min

Lab File: BF085668.D

Acq: 22 Mar 2016 19:43

Instrument :

BNA_F

ClientSampleId :

PB89081BS

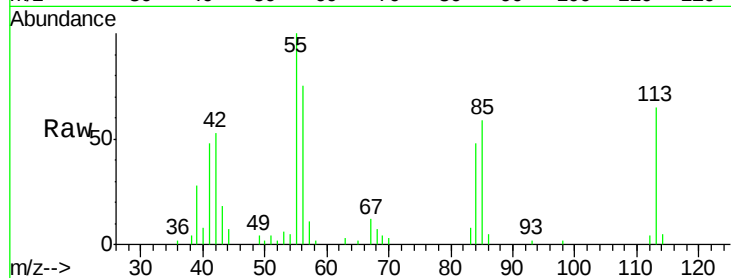
Tgt Ion:113 Resp: 27629

Ion Ratio Lower Upper

113 100

55 153.5 139.4 179.4

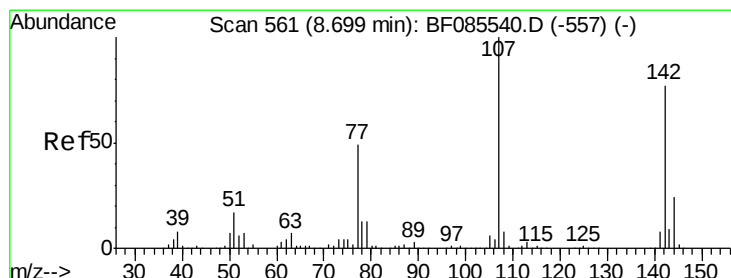
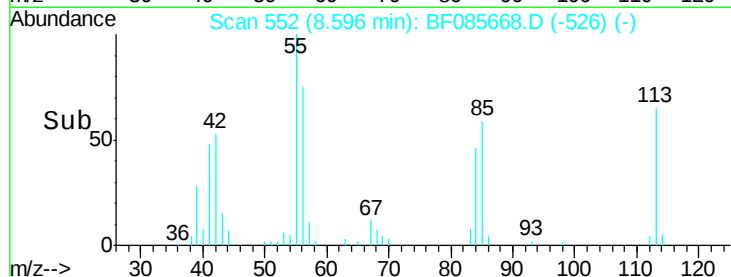
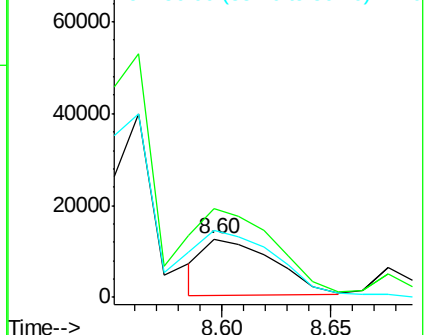
56 114.9 100.4 140.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 34.25 ng

RT: 8.68 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF085668.D

Acq: 22 Mar 2016 19:43

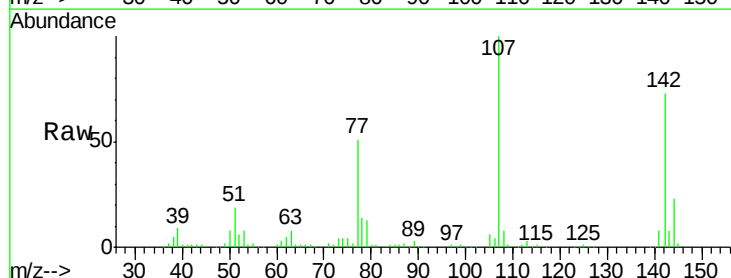
Tgt Ion:107 Resp: 270406

Ion Ratio Lower Upper

107 100

144 23.3 19.3 28.9

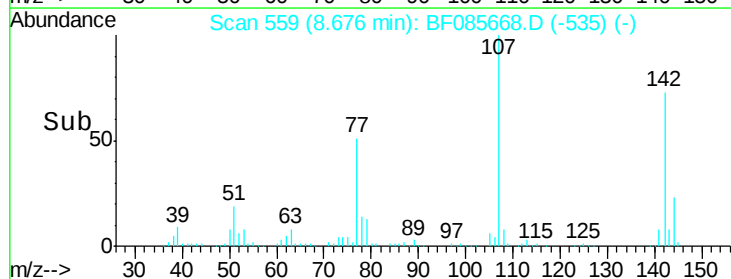
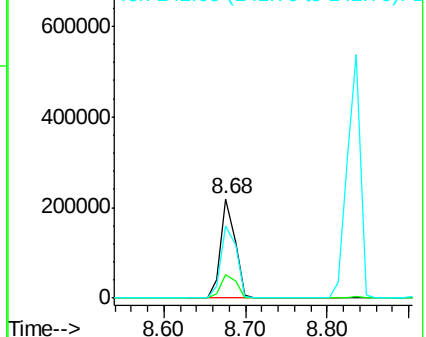
142 72.8 61.4 92.0

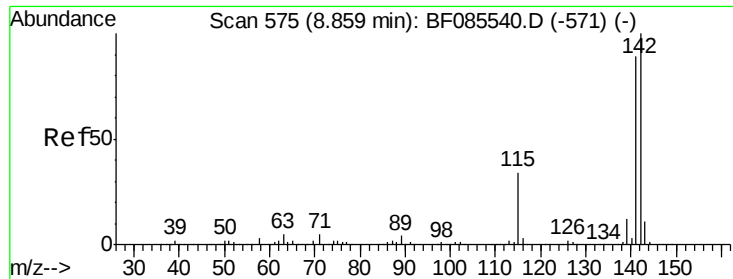


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

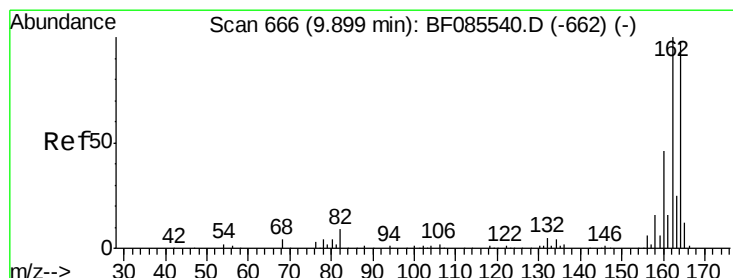
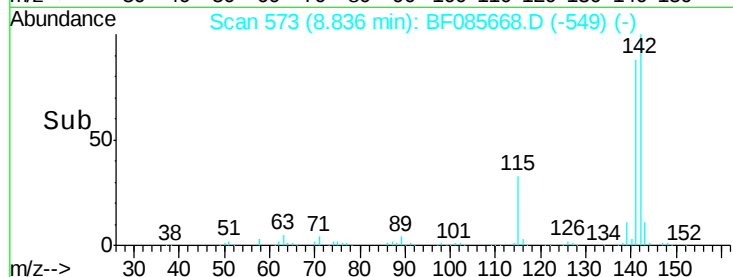
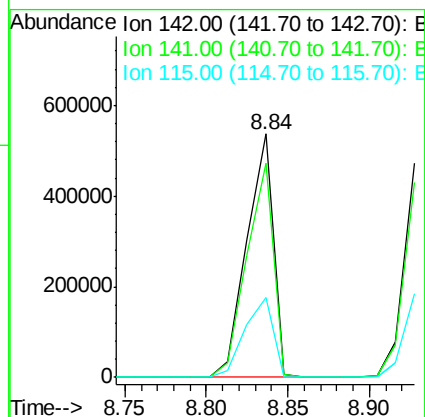
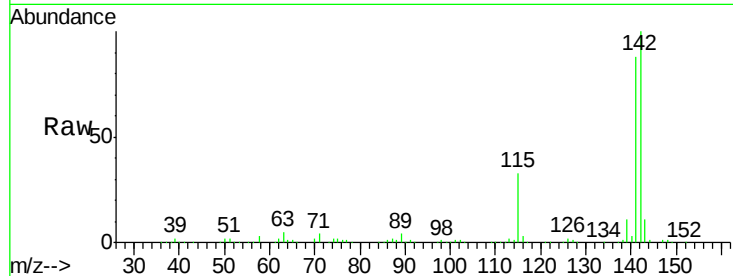




#37
 2-Methylnaphthalene
 Concen: 39.70 ng
 RT: 8.84 min Scan# 573
 Delta R.T. -0.02 min
 Lab File: BF085668.D
 Acq: 22 Mar 2016 19:43

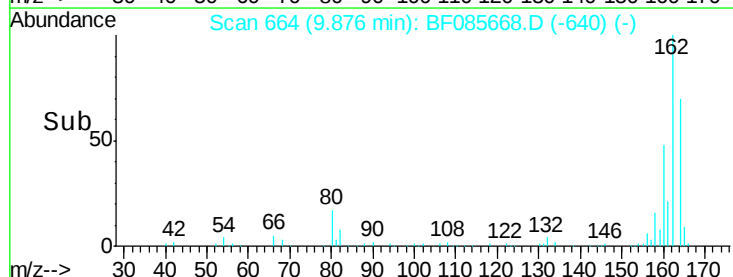
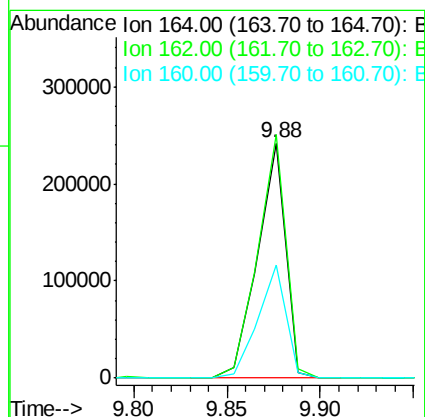
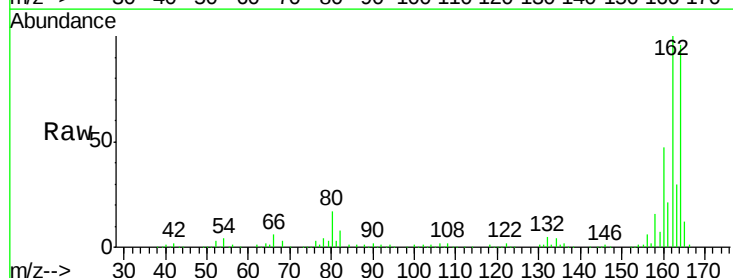
Instrument :
 BNA_F
 ClientSampleId :
 PB89081BS

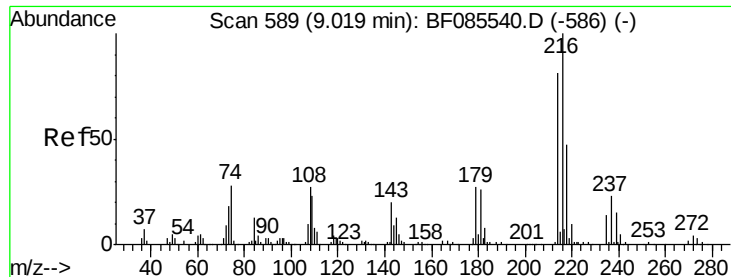
Tgt Ion:142 Resp: 606767
 Ion Ratio Lower Upper
 142 100
 141 87.8 71.6 107.4
 115 32.5 26.8 40.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 664
 Delta R.T. -0.02 min
 Lab File: BF085668.D
 Acq: 22 Mar 2016 19:43

Tgt Ion:164 Resp: 250437
 Ion Ratio Lower Upper
 164 100
 162 103.7 82.1 123.1
 160 48.3 37.4 56.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 28.76 ng

RT: 9.00 min Scan# 587

Delta R.T. -0.02 min

Lab File: BF085668.D

Acq: 22 Mar 2016 19:43

Instrument :

BNA_F

ClientSampleId :

PB89081BS

Tgt Ion:216 Resp: 218461

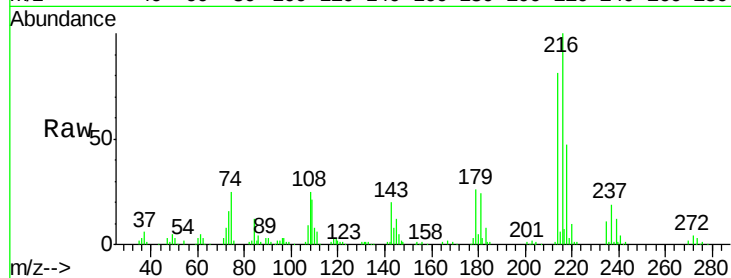
Ion Ratio Lower Upper

216 100

214 79.7 63.1 94.7

179 23.5 18.2 27.2

108 24.6 17.3 25.9

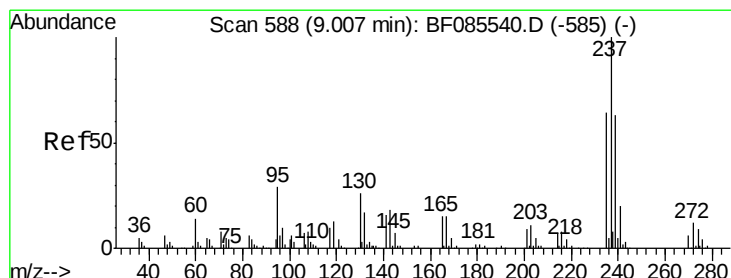
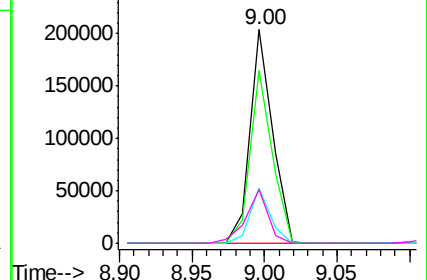
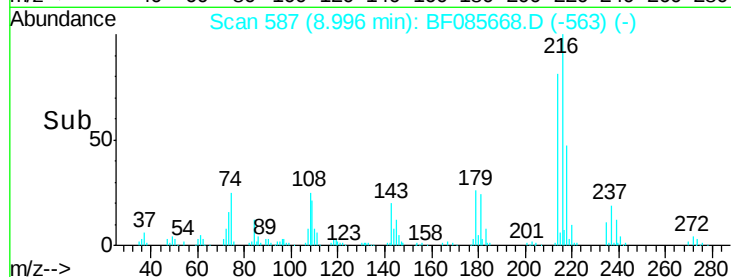


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 61.31 ng

RT: 8.98 min Scan# 586

Delta R.T. -0.02 min

Lab File: BF085668.D

Acq: 22 Mar 2016 19:43

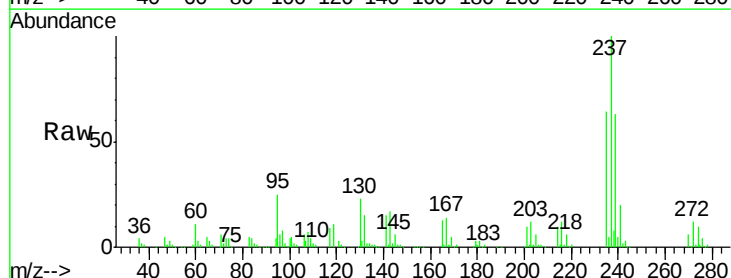
Tgt Ion:237 Resp: 209904

Ion Ratio Lower Upper

237 100

235 64.0 43.7 83.7

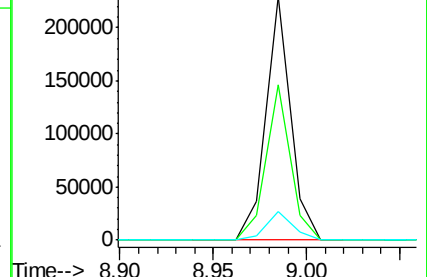
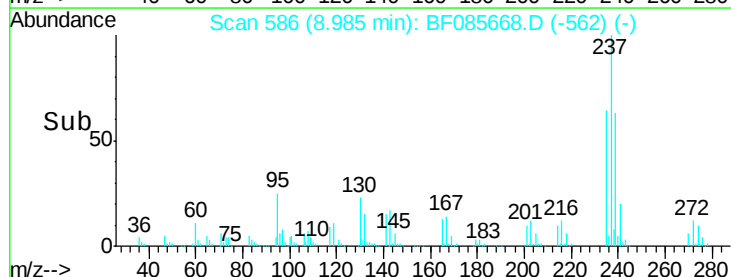
272 11.7 0.0 31.9

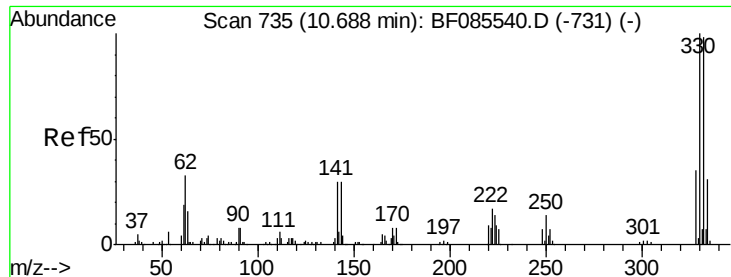


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

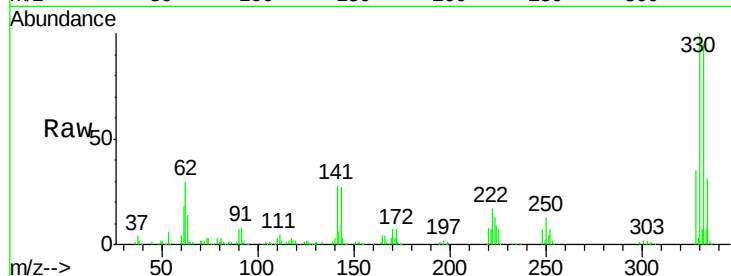




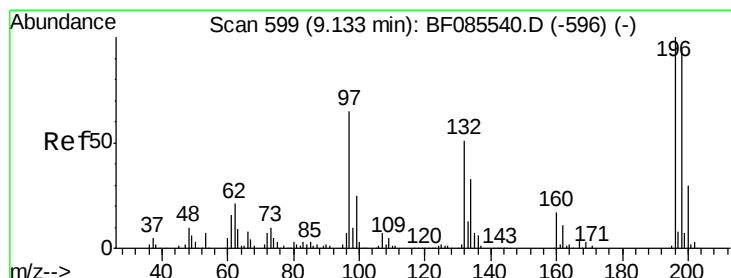
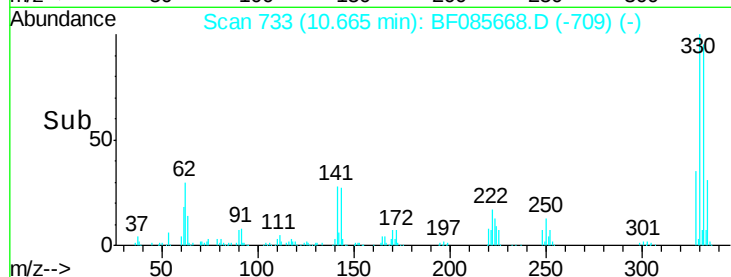
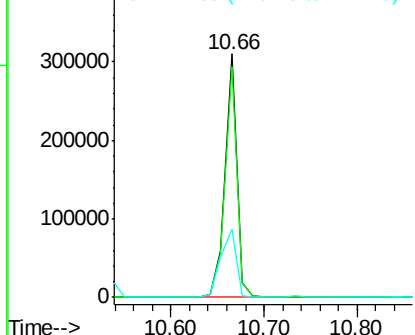
#41
 2,4,6-Tribromophenol
 Concen: 111.11 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.02 min
 Lab File: BF085668.D
 Acq: 22 Mar 2016 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PB89081BS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	78.2	117.2
141	36.7	31.5	47.3

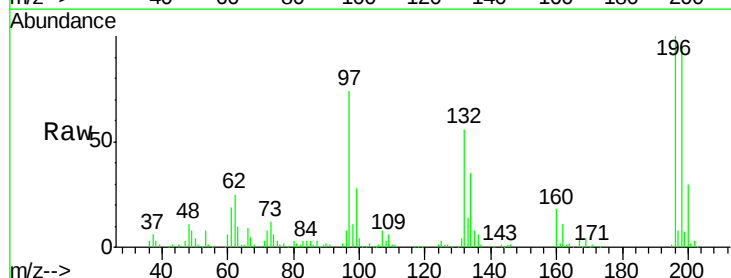


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

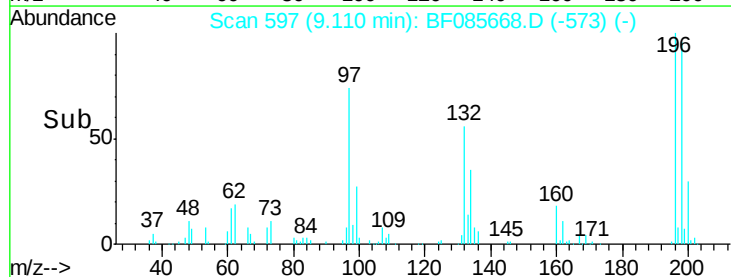
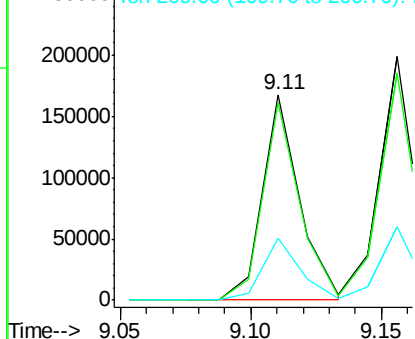


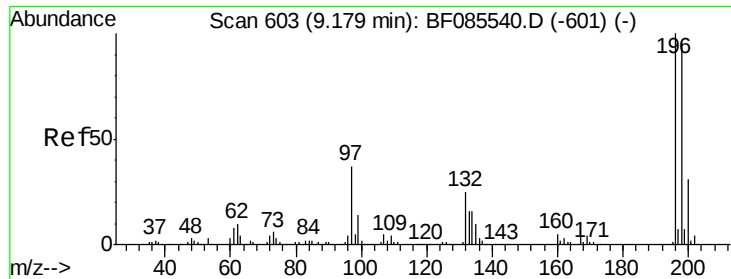
#42
 2,4,6-Trichlorophenol
 Concen: 31.95 ng
 RT: 9.11 min Scan# 597
 Delta R.T. -0.02 min
 Lab File: BF085668.D
 Acq: 22 Mar 2016 19:43

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.4	75.3	112.9
200	30.1	23.7	35.5



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

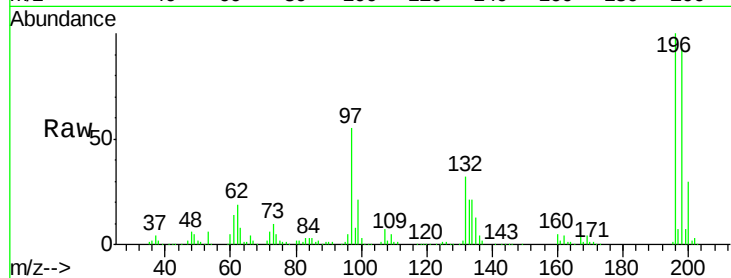




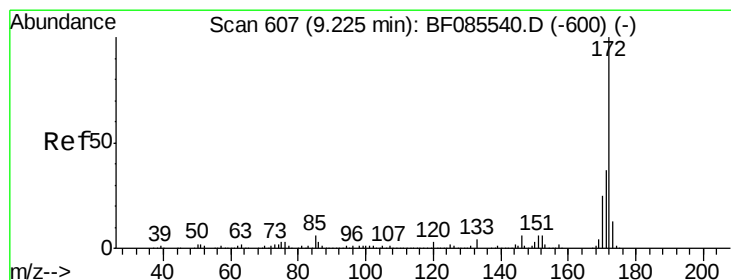
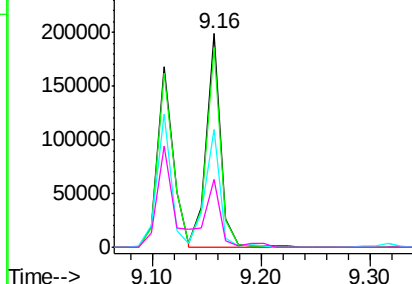
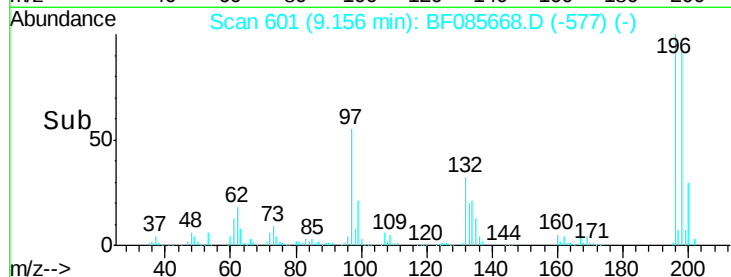
#43
 2,4,5-Trichlorophenol
 Concen: 34.91 ng
 RT: 9.16 min Scan# 601
 Delta R.T. -0.02 min
 Lab File: BF085668.D
 Acq: 22 Mar 2016 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PB89081BS

Tgt Ion:196 Resp: 184761
 Ion Ratio Lower Upper
 196 100
 198 93.4 76.6 114.8
 97 55.4 30.5 45.7#
 132 32.0 20.2 30.2#

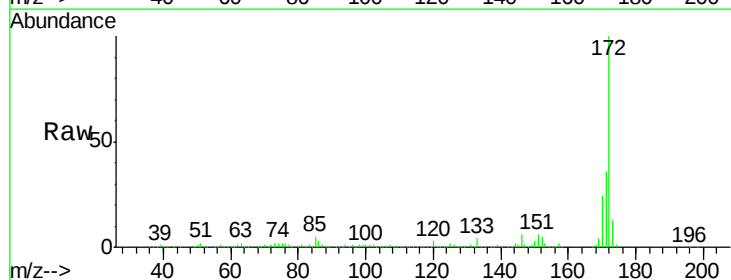


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

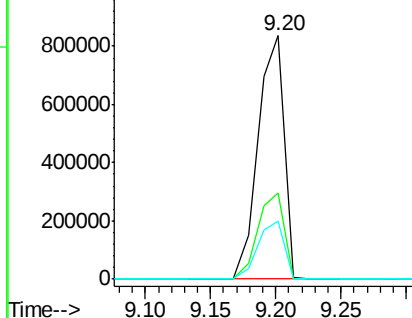
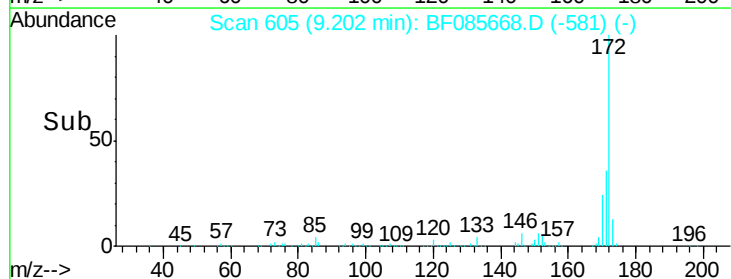


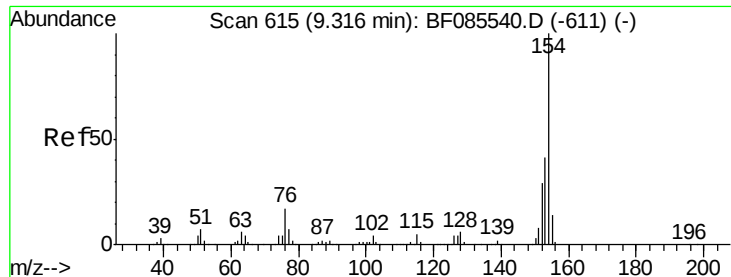
#44
 2-Fluorobiphenyl
 Concen: 77.54 ng
 RT: 9.20 min Scan# 605
 Delta R.T. -0.02 min
 Lab File: BF085668.D
 Acq: 22 Mar 2016 19:43

Tgt Ion:172 Resp: 1163801
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.4 44.2
 170 23.9 19.8 29.6



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

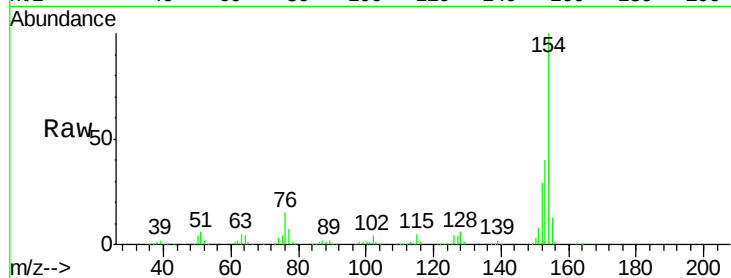




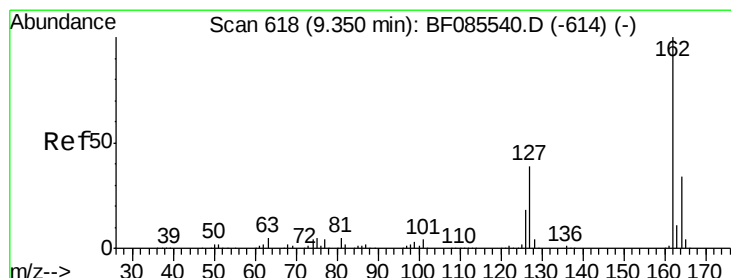
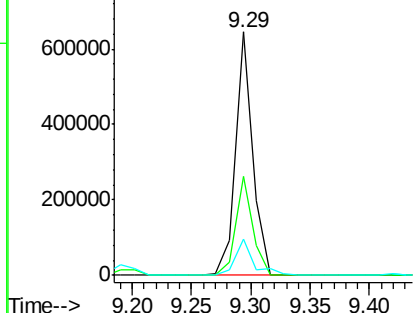
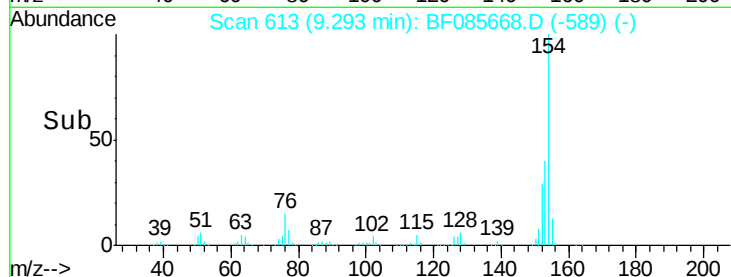
#45
1,1'-Biphenyl
Concen: 29.90 ng
RT: 9.29 min Scan# 613
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

Instrument :
BNA_F
ClientSampleId :
PB89081BS

Tgt Ion:154 Resp: 646023
Ion Ratio Lower Upper
154 100
153 40.5 20.8 60.8
76 15.1 0.0 36.7

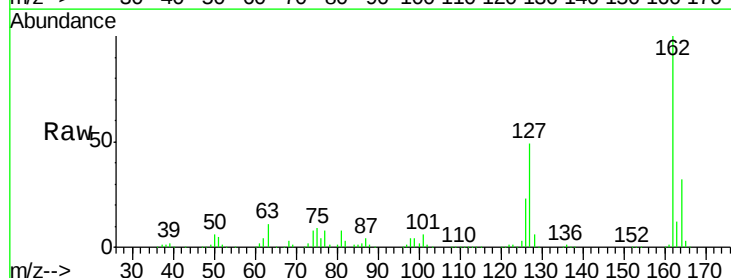


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

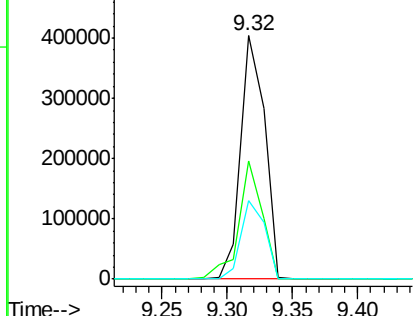
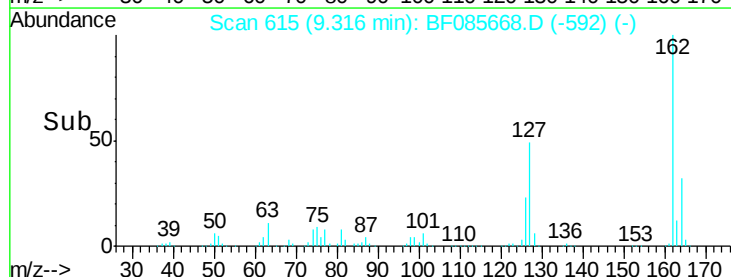


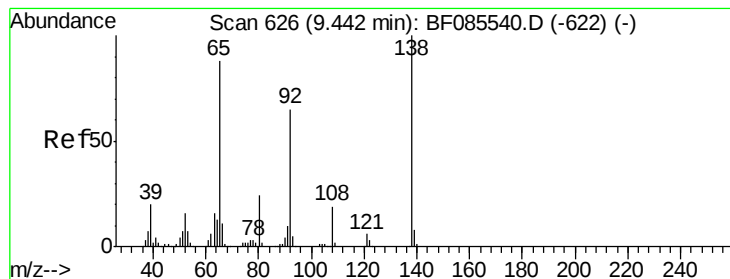
#46
2-Chloronaphthalene
Concen: 32.61 ng
RT: 9.32 min Scan# 615
Delta R.T. -0.03 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

Tgt Ion:162 Resp: 514586
Ion Ratio Lower Upper
162 100
127 48.6 31.7 47.5#
164 32.2 27.3 40.9



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: 36.48 ng

RT: 9.42 min Scan# 624

Delta R.T. -0.02 min

Lab File: BF085668.D

Acq: 22 Mar 2016 19:43

Instrument :

BNA_F

ClientSampleId :

PB89081BS

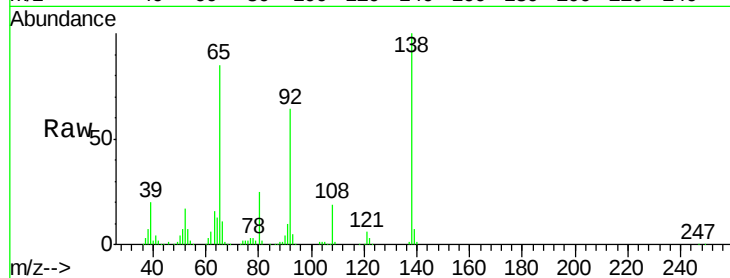
Tgt Ion: 65 Resp: 174160

Ion Ratio Lower Upper

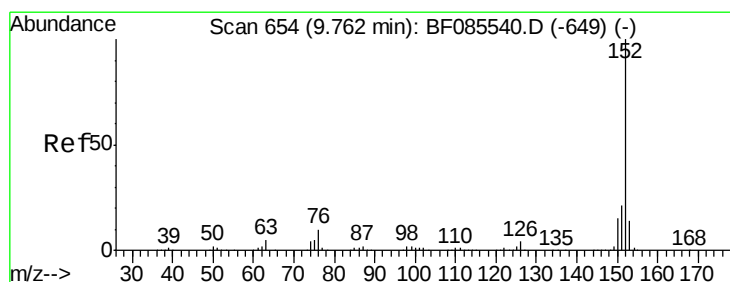
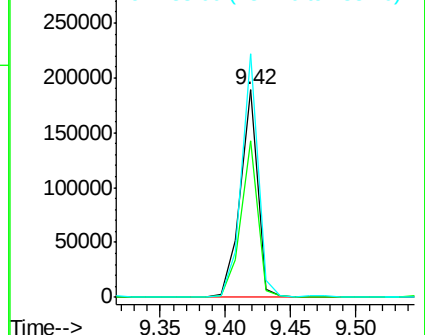
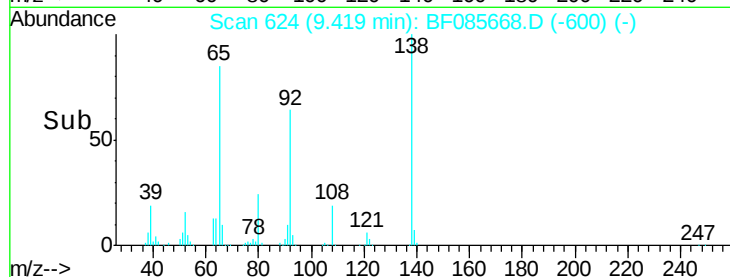
65 100

92 75.7 59.7 89.5

138 117.3 91.4 137.0



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 34.97 ng

RT: 9.74 min Scan# 652

Delta R.T. -0.02 min

Lab File: BF085668.D

Acq: 22 Mar 2016 19:43

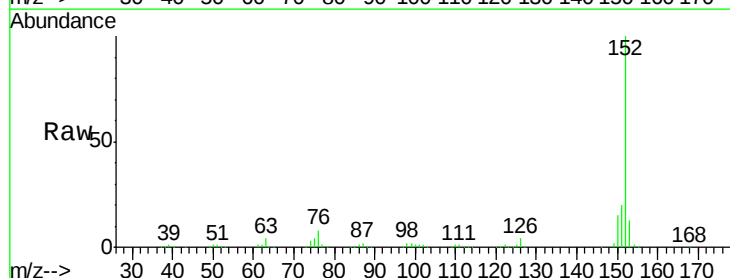
Tgt Ion: 152 Resp: 893136

Ion Ratio Lower Upper

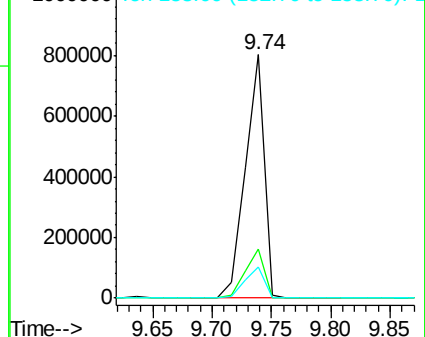
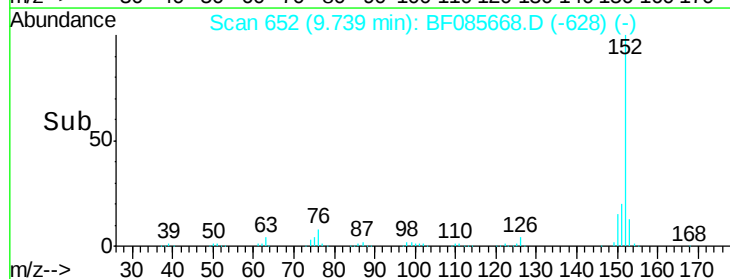
152 100

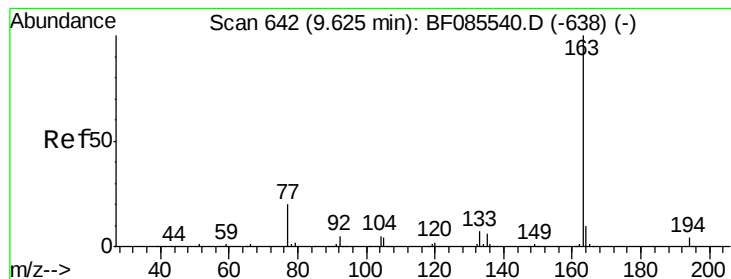
151 20.3 16.8 25.2

153 12.7 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 35.40 ng

RT: 9.60 min Scan# 640

Delta R.T. -0.02 min

Lab File: BF085668.D

Acq: 22 Mar 2016 19:43

Instrument :

BNA_F

ClientSampleId :

PB89081BS

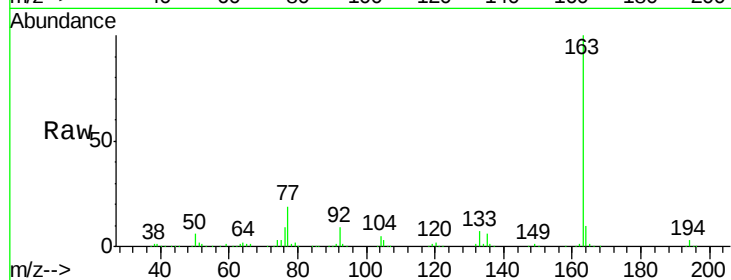
Tgt Ion:163 Resp: 668944

Ion Ratio Lower Upper

163 100

194 3.5 2.9 4.3

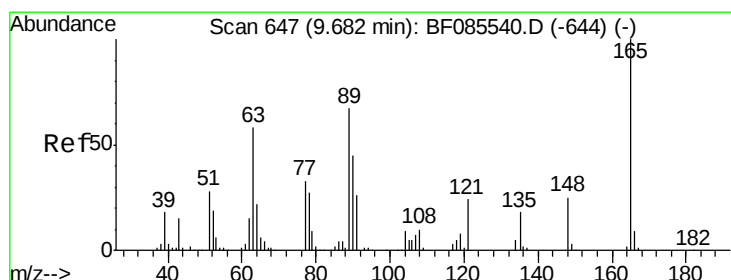
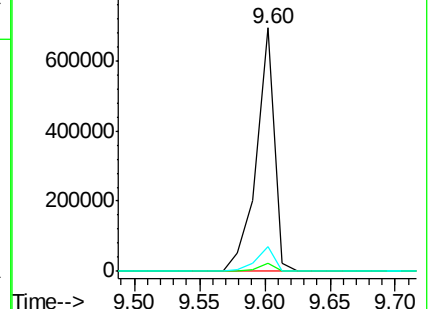
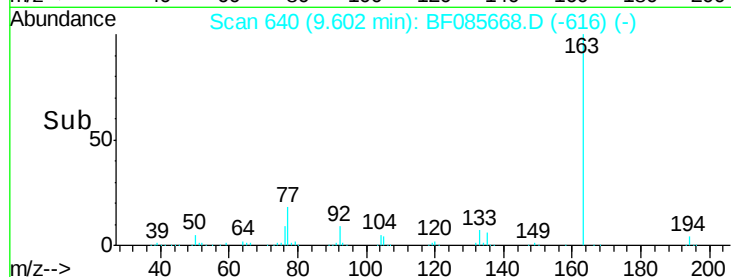
164 10.0 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 32.24 ng

RT: 9.66 min Scan# 645

Delta R.T. -0.02 min

Lab File: BF085668.D

Acq: 22 Mar 2016 19:43

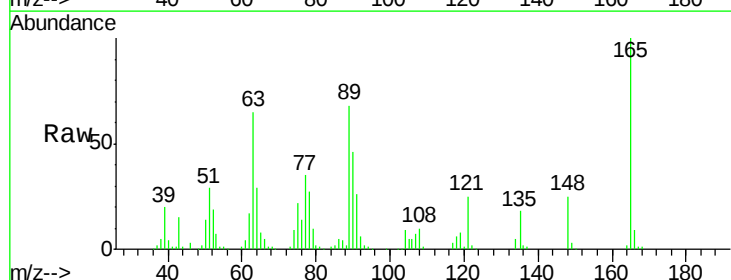
Tgt Ion:165 Resp: 128630

Ion Ratio Lower Upper

165 100

63 64.7 51.8 77.8

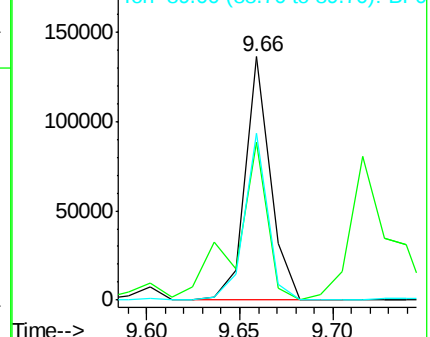
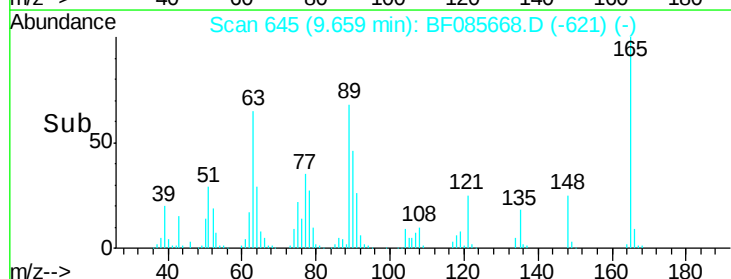
89 68.4 53.7 80.5

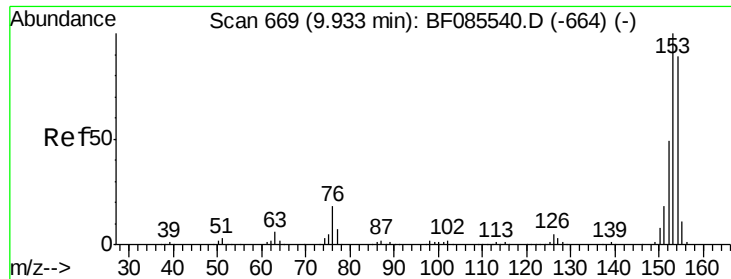


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.48 ng

RT: 9.91 min Scan# 667

Delta R.T. -0.02 min

Lab File: BF085668.D

Acq: 22 Mar 2016 19:43

Instrument :

BNA_F

ClientSampleId :

PB89081BS

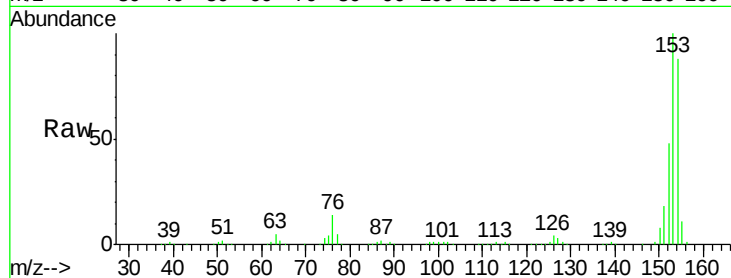
Tgt Ion:154 Resp: 616776

Ion Ratio Lower Upper

154 100

153 113.5 90.1 135.1

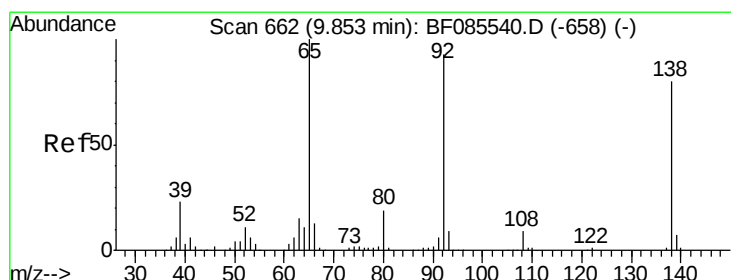
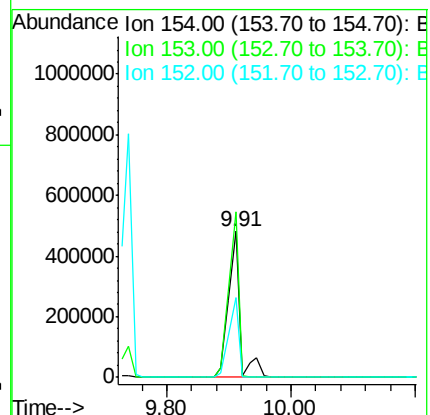
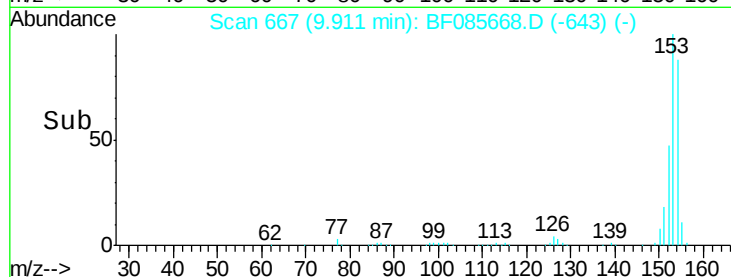
152 54.6 44.2 66.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 12.90 ng

RT: 9.83 min Scan# 660

Delta R.T. -0.02 min

Lab File: BF085668.D

Acq: 22 Mar 2016 19:43

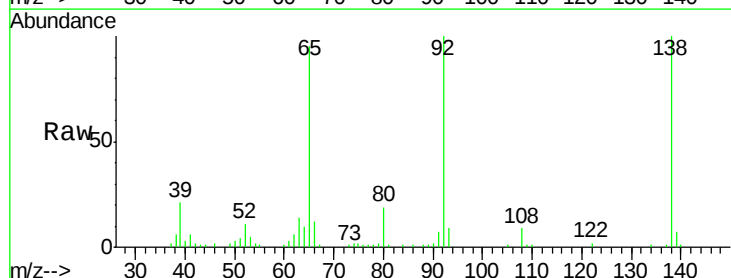
Tgt Ion:138 Resp: 64440

Ion Ratio Lower Upper

138 100

108 9.3 8.7 13.1

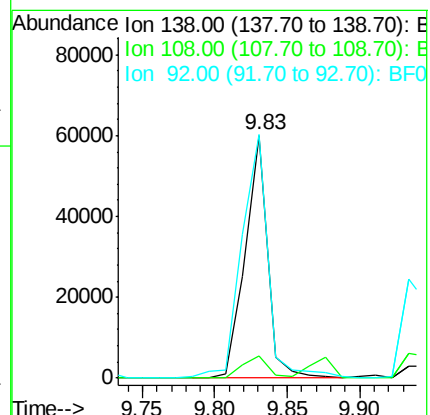
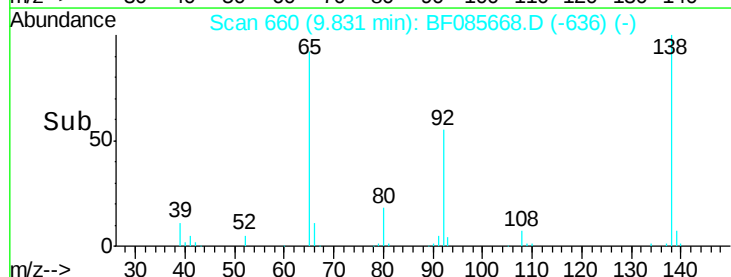
92 100.4 93.3 139.9

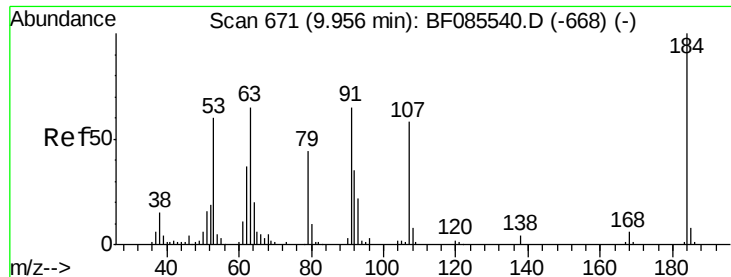


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

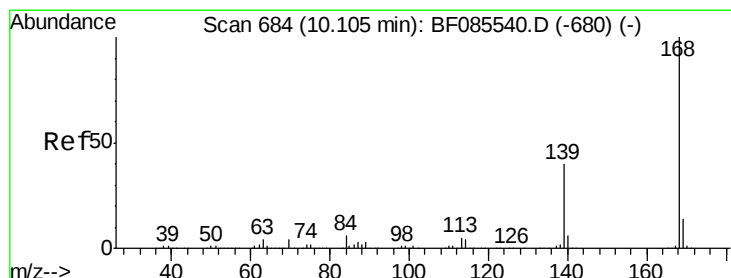
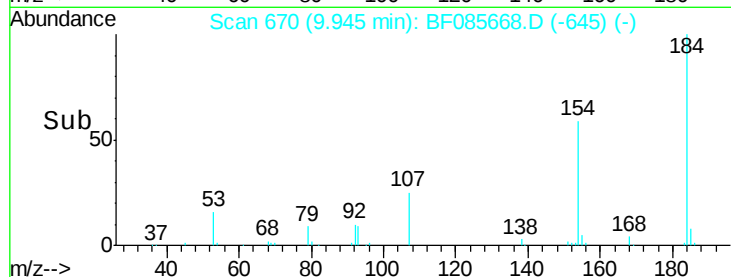
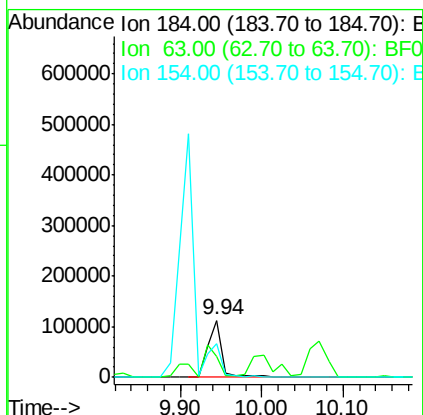
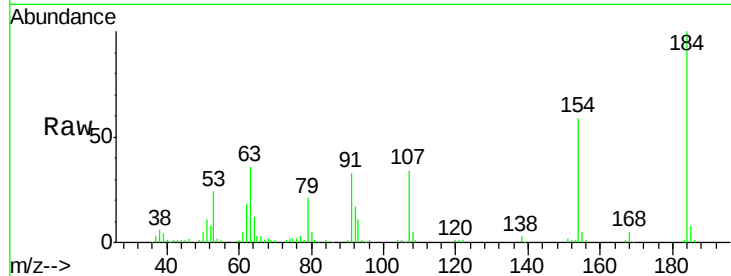




#53
2,4-Dinitrophenol
Concen: 55.17 ng
RT: 9.94 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

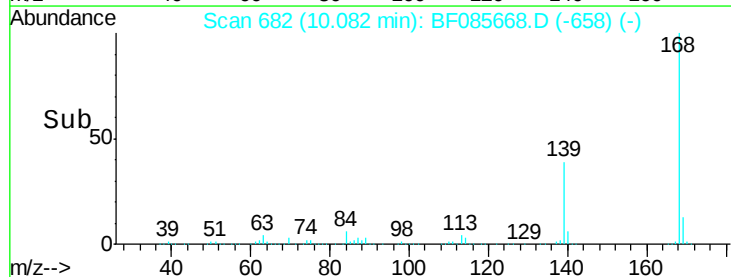
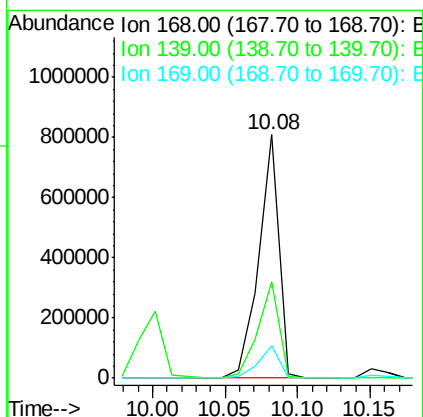
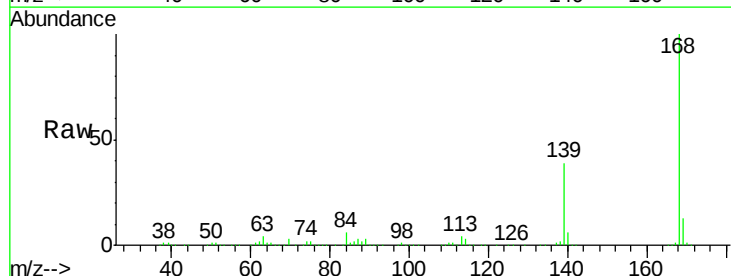
Instrument :
BNA_F
ClientSampleId :
PB89081BS

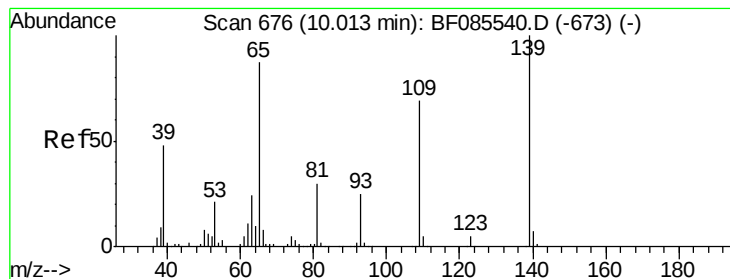
Tgt Ion:184 Resp: 134836
Ion Ratio Lower Upper
184 100
63 35.9 69.5 104.3#
154 59.3 58.3 87.5



#54
Dibenzofuran
Concen: 39.87 ng
RT: 10.08 min Scan# 682
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

Tgt Ion:168 Resp: 778140
Ion Ratio Lower Upper
168 100
139 39.4 31.9 47.9
169 13.4 11.0 16.6





#55

4-Nitrophenol

Concen: 66.84 ng

RT: 10.00 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF085668.D

Acq: 22 Mar 2016 19:43

Instrument :

BNA_F

ClientSampleId :

PB89081BS

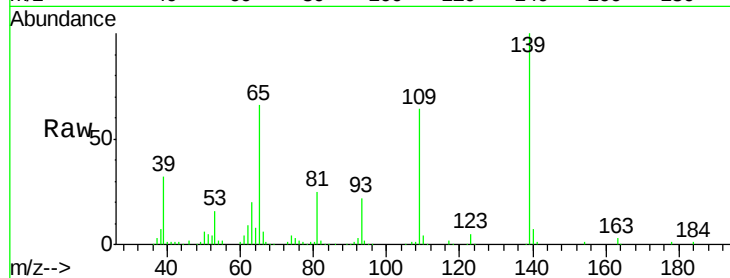
Tgt Ion:139 Resp: 258114

Ion Ratio Lower Upper

139 100

109 63.9 49.2 89.2

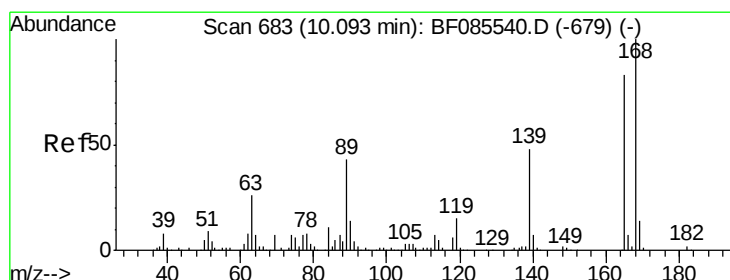
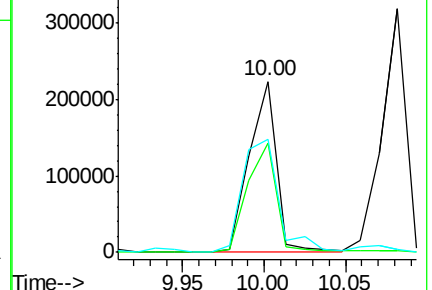
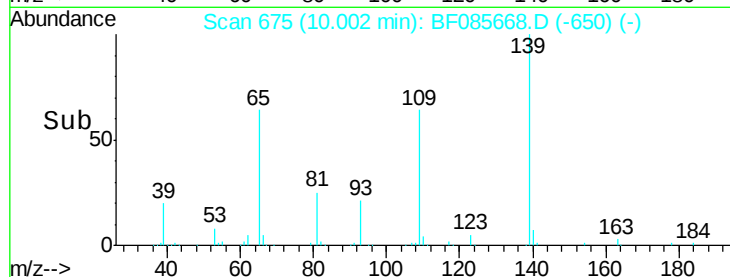
65 66.2 66.9 106.9#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 39.77 ng

RT: 10.07 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF085668.D

Acq: 22 Mar 2016 19:43

Tgt Ion:165 Resp: 207742

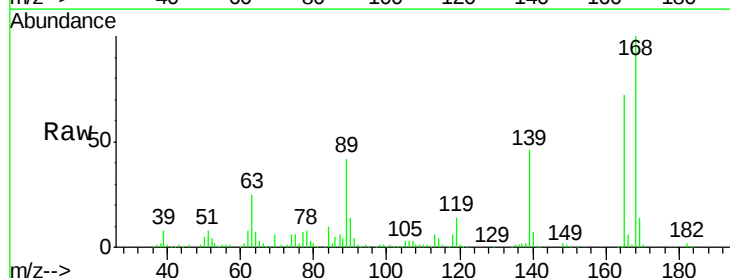
Ion Ratio Lower Upper

165 100

63 35.3 24.9 37.3

89 58.5 41.0 61.6

182 2.6 2.1 3.1

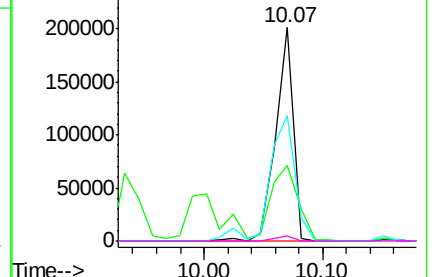
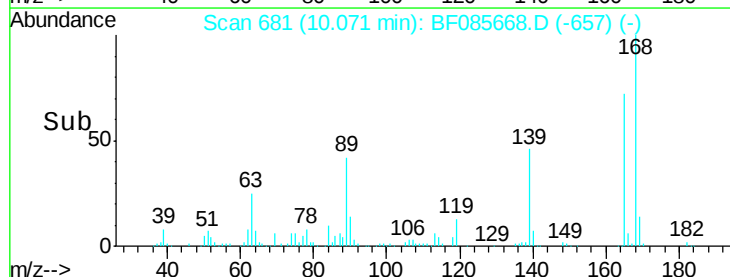


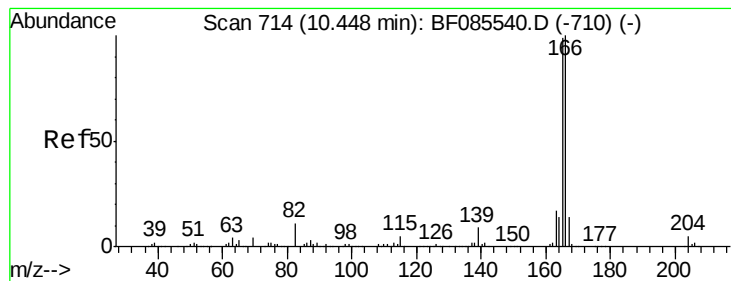
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 36.61 ng

RT: 10.42 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF085668.D

Acq: 22 Mar 2016 19:43

Instrument :

BNA_F

ClientSampleId :

PB89081BS

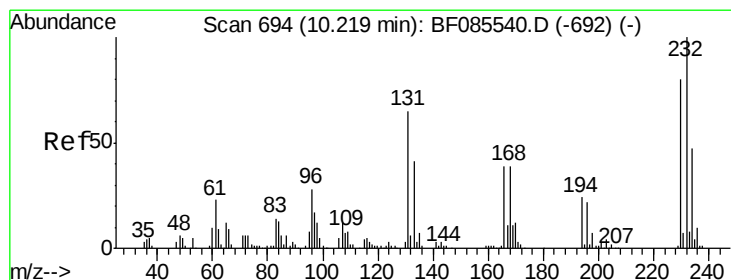
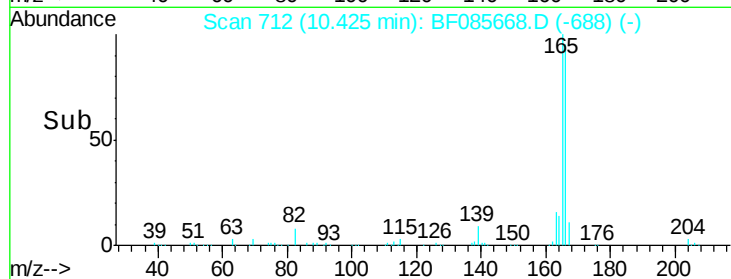
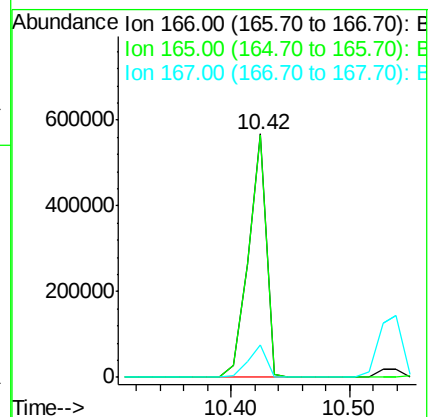
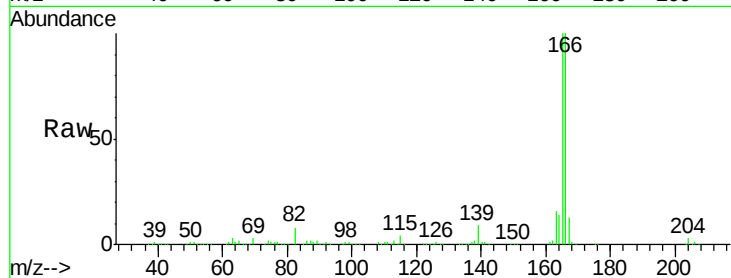
Tgt Ion:166 Resp: 595487

Ion Ratio Lower Upper

166 100

165 99.8 79.4 119.0

167 13.2 11.0 16.4



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.82 ng

RT: 10.20 min Scan# 692

Delta R.T. -0.02 min

Lab File: BF085668.D

Acq: 22 Mar 2016 19:43

Tgt Ion:232 Resp: 140302

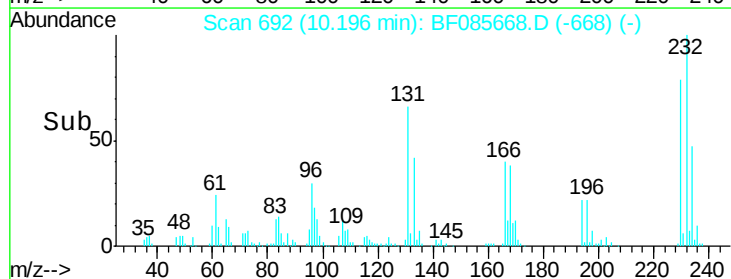
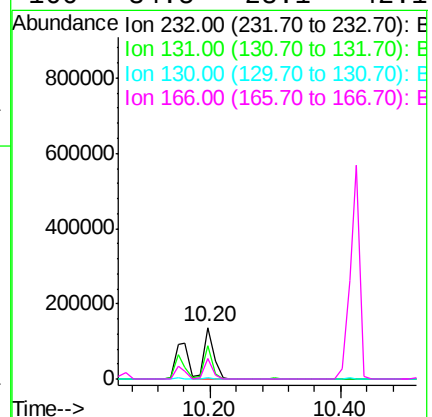
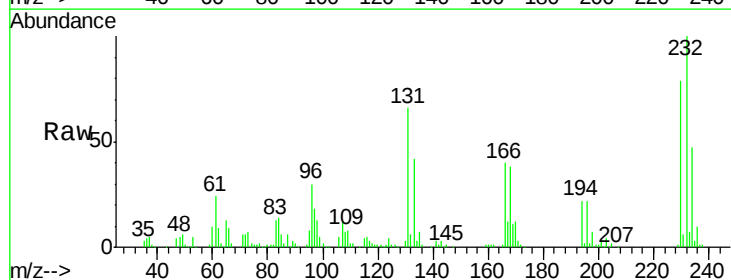
Ion Ratio Lower Upper

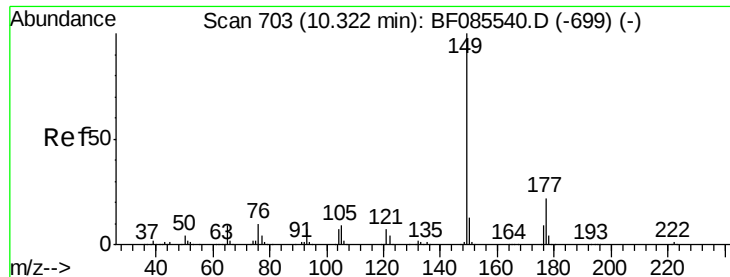
232 100

131 56.7 44.9 67.3

130 2.8 2.3 3.5

166 34.5 28.1 42.1

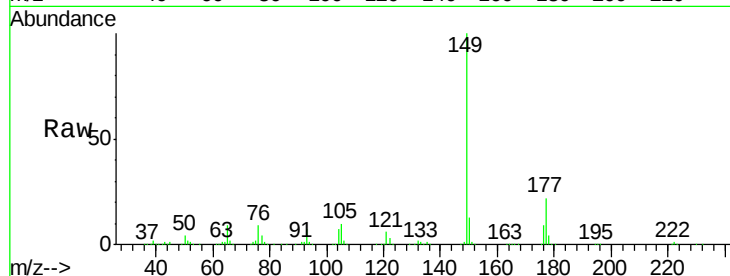




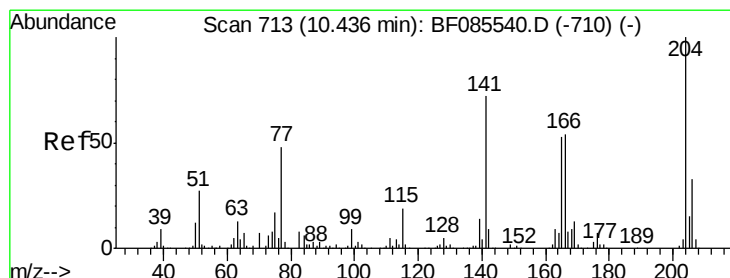
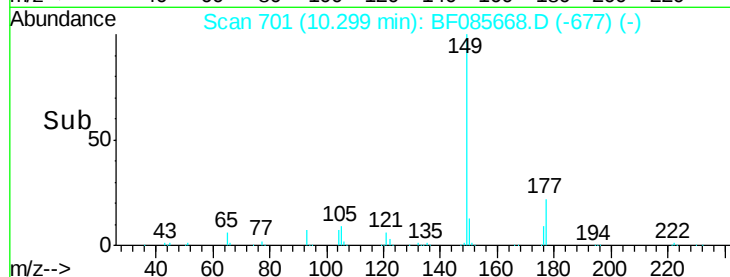
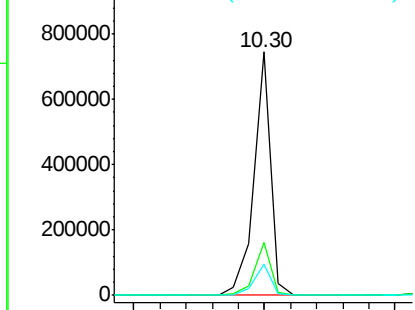
#59
Diethylphthalate
Concen: 35.26 ng
RT: 10.30 min Scan# 701
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

Instrument :
BNA_F
ClientSampleId :
PB89081BS

Tgt Ion:149 Resp: 662586
Ion Ratio Lower Upper
149 100
177 21.7 17.9 26.9
150 12.7 10.2 15.2

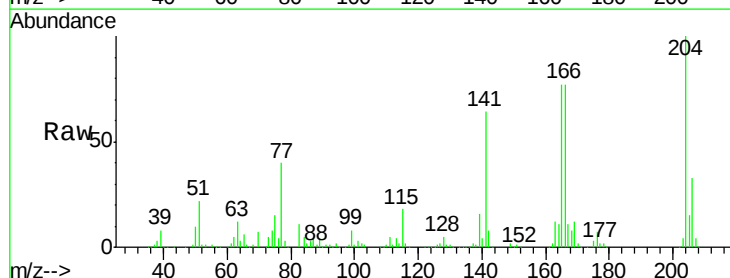


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

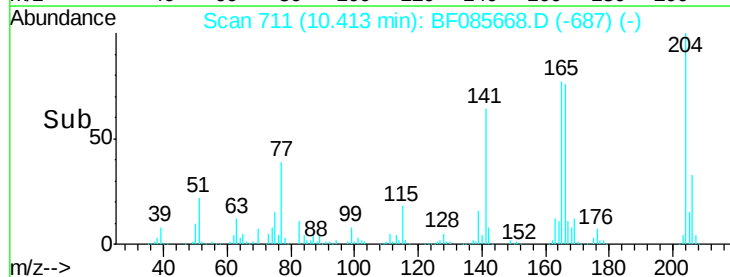
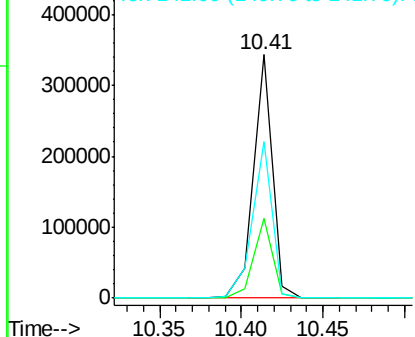


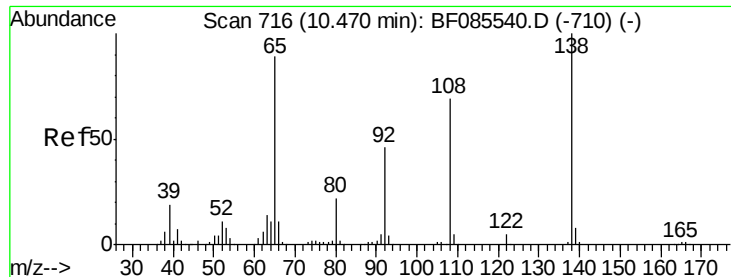
#60
4-Chlorophenyl-phenylether
Concen: 34.96 ng
RT: 10.41 min Scan# 711
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

Tgt Ion:204 Resp: 277649
Ion Ratio Lower Upper
204 100
206 32.8 26.6 39.8
141 64.4 57.4 86.0



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





#61

4-Nitroaniline

Concen: 35.09 ng

RT: 10.45 min Scan# 714

Delta R.T. -0.02 min

Lab File: BF085668.D

Acq: 22 Mar 2016 19:43

Instrument :

BNA_F

ClientSampleId :

PB89081BS

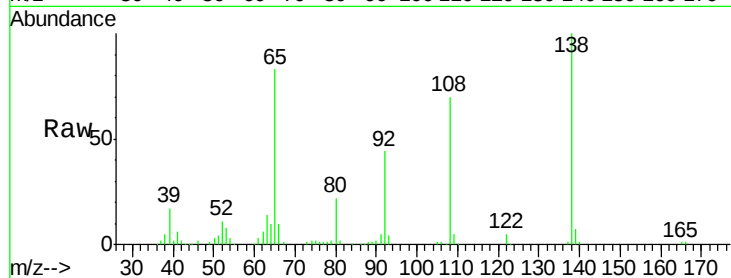
Tgt Ion:138 Resp: 172852

Ion Ratio Lower Upper

138 100

92 44.3 26.4 66.4

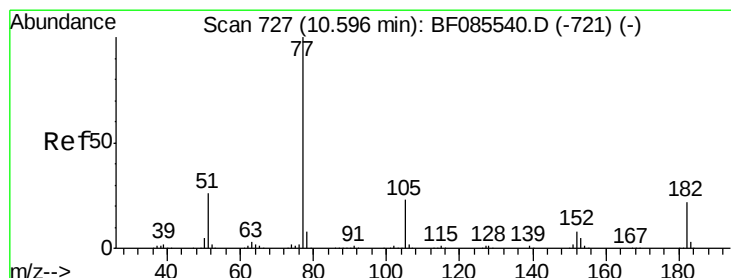
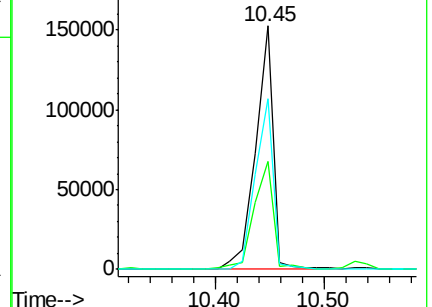
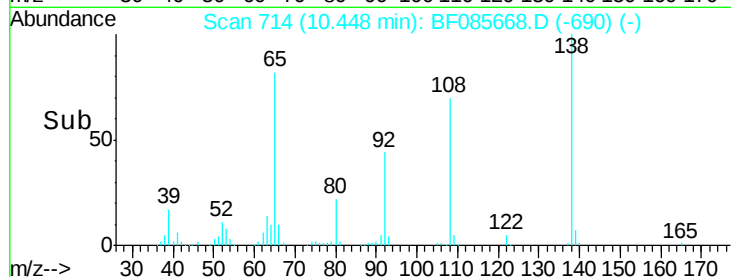
108 69.9 49.0 89.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.80 ng

RT: 10.57 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF085668.D

Acq: 22 Mar 2016 19:43

Tgt Ion: 77 Resp: 699510

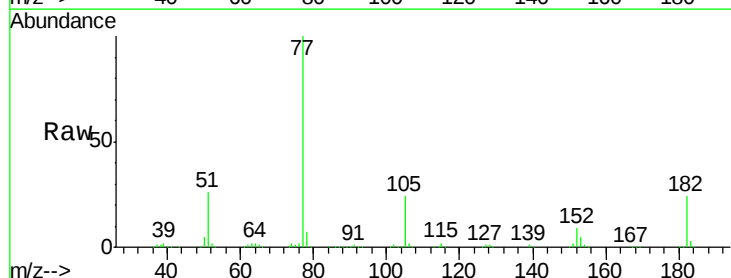
Ion Ratio Lower Upper

77 100

182 23.6 1.9 41.9

105 24.3 3.5 43.5

51 25.9 6.3 46.3

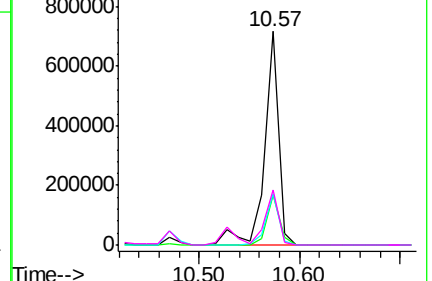
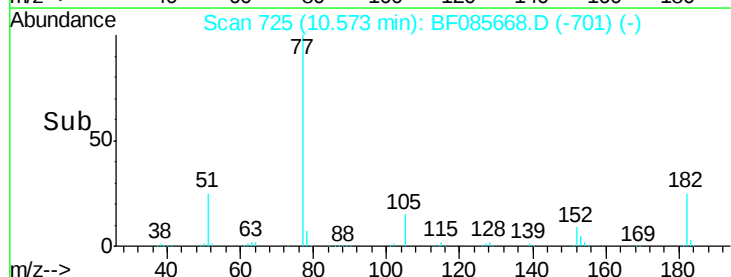


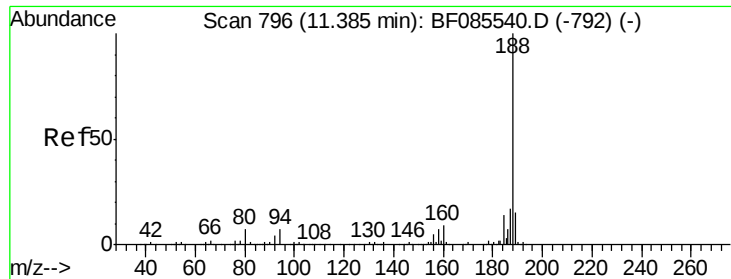
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

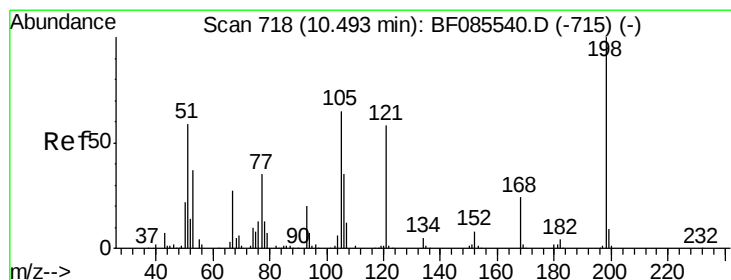
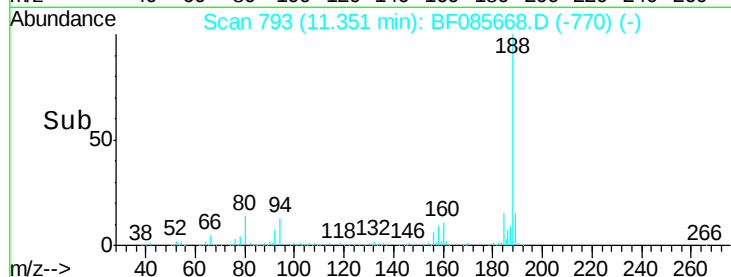
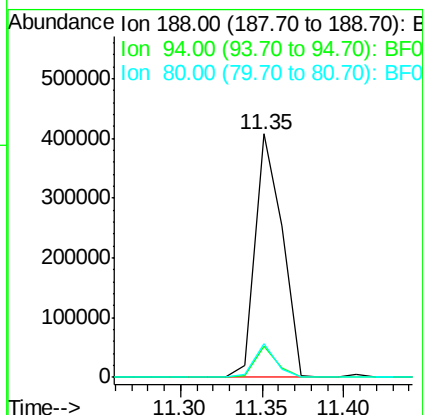
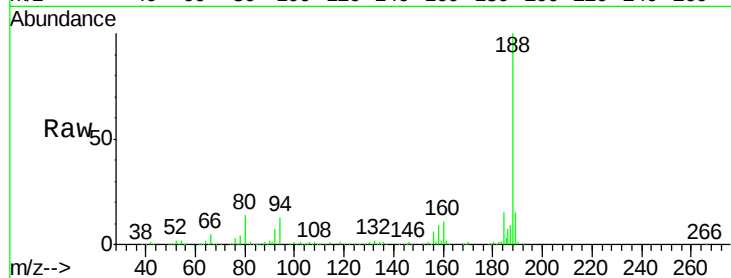




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 793
Delta R.T. -0.03 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

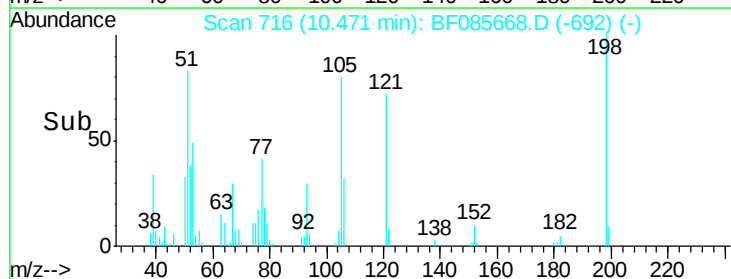
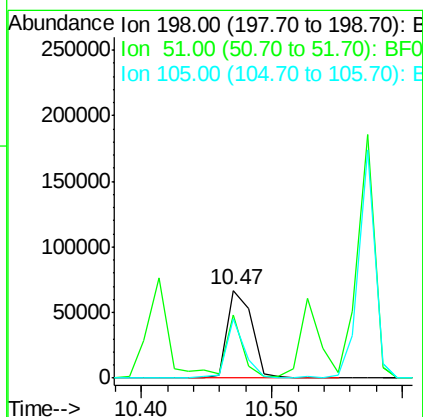
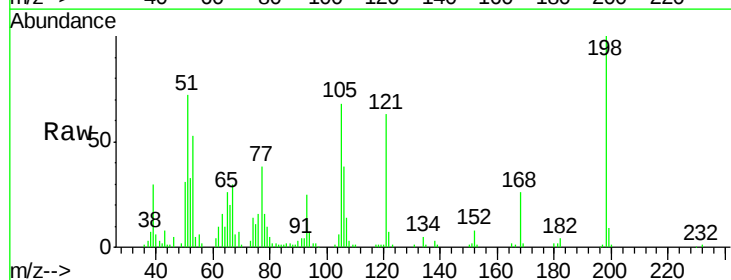
Instrument :
BNA_F
ClientSampleId :
PB89081BS

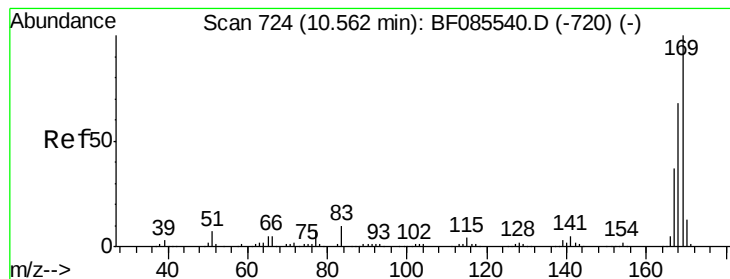
Tgt Ion:188 Resp: 471537
Ion Ratio Lower Upper
188 100
94 12.6 5.4 8.0#
80 13.8 5.5 8.3#



#64
4,6-Dinitro-2-methylphenol
Concen: 28.76 ng
RT: 10.47 min Scan# 716
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

Tgt Ion:198 Resp: 86792
Ion Ratio Lower Upper
198 100
51 71.6 45.4 85.4
105 68.1 45.9 85.9

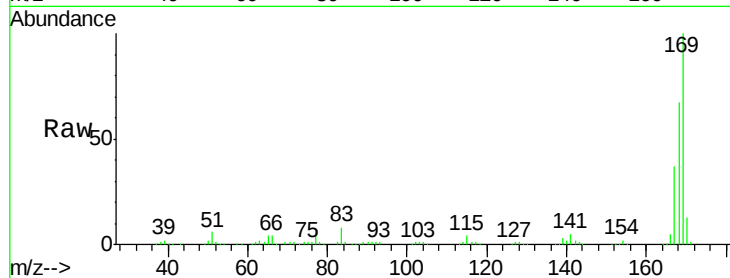




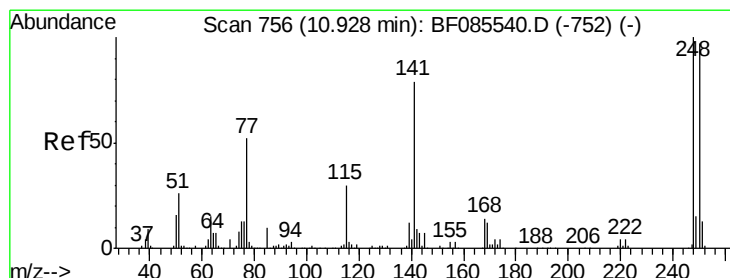
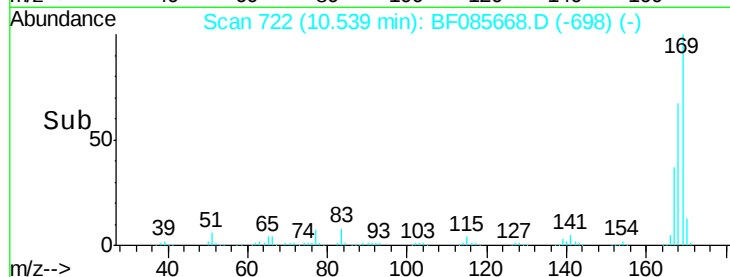
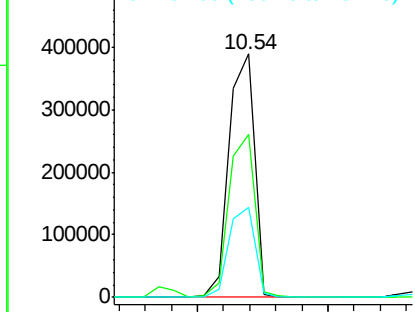
#65
 n-Nitrosodiphenylamine
 Concen: 35.79 ng
 RT: 10.54 min Scan# 722
 Delta R.T. -0.02 min
 Lab File: BF085668.D
 Acq: 22 Mar 2016 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PB89081BS

Tgt Ion:169 Resp: 525651
 Ion Ratio Lower Upper
 169 100
 168 67.0 54.4 81.6
 167 36.8 29.4 44.0

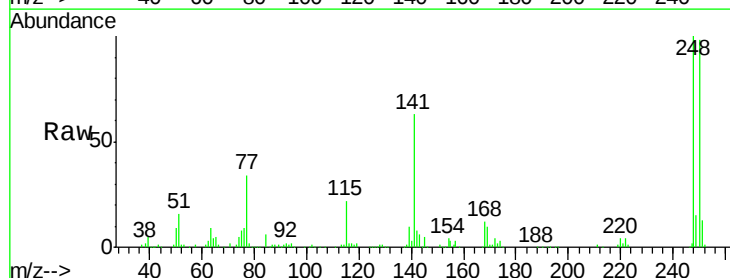


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

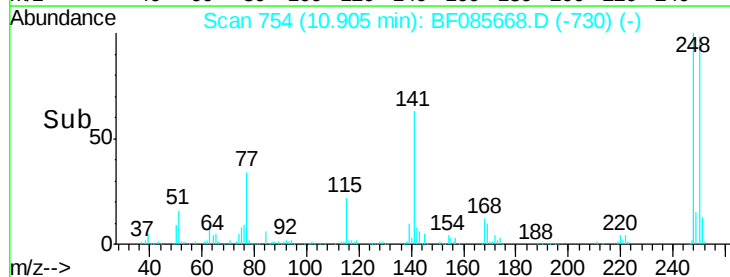
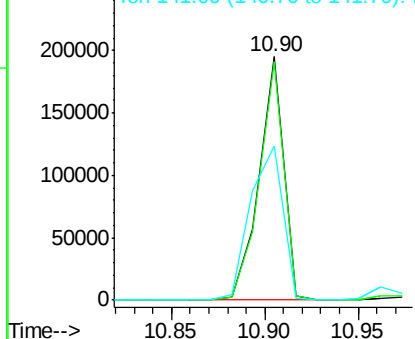


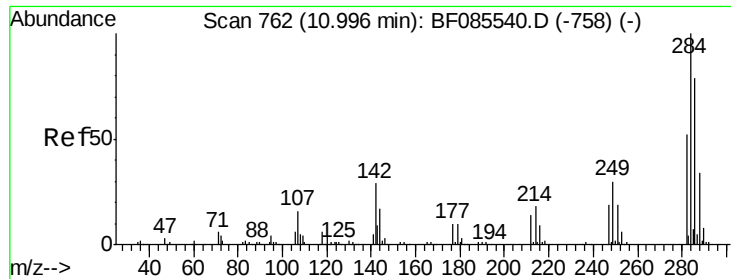
#66
 4-Bromophenyl-phenylether
 Concen: 37.58 ng
 RT: 10.90 min Scan# 754
 Delta R.T. -0.02 min
 Lab File: BF085668.D
 Acq: 22 Mar 2016 19:43

Tgt Ion:248 Resp: 177044
 Ion Ratio Lower Upper
 248 100
 250 98.1 77.4 116.0
 141 63.1 63.6 95.4#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

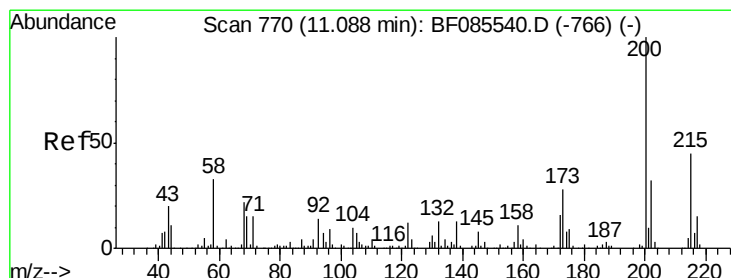
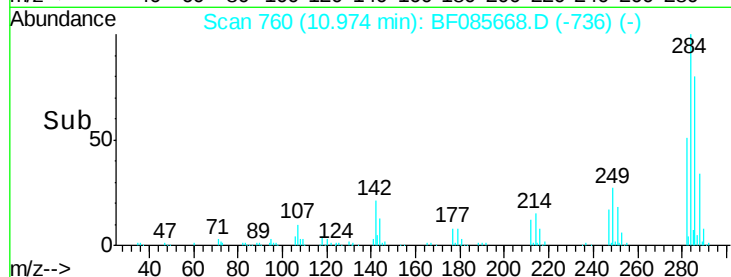
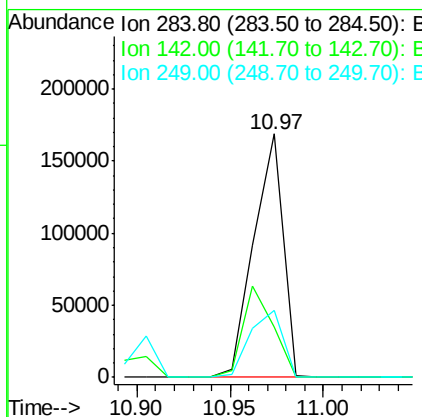
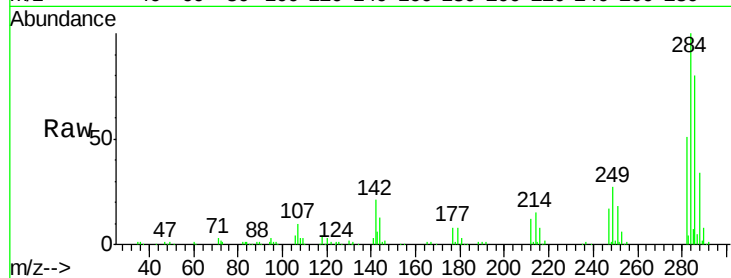




#67
Hexachlorobenzene
Concen: 36.64 ng
RT: 10.97 min Scan# 760
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

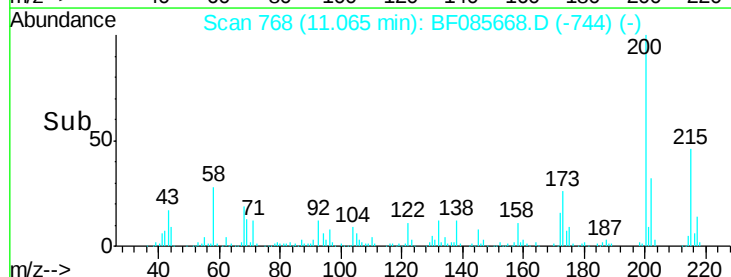
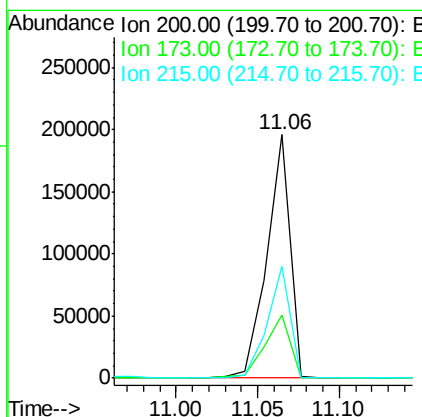
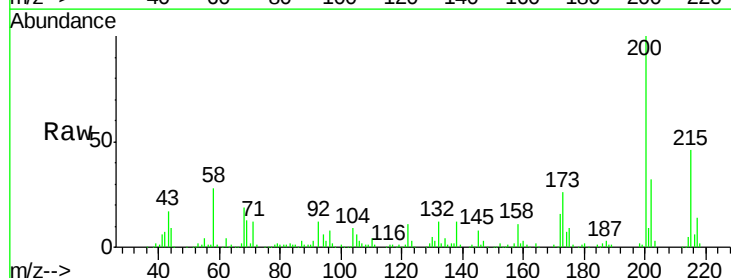
Instrument :
BNA_F
ClientSampleId :
PB89081BS

Tgt Ion:284 Resp: 183359
Ion Ratio Lower Upper
284 100
142 20.8 23.1 34.7#
249 27.4 24.2 36.2



#68
Atrazine
Concen: 43.33 ng
RT: 11.06 min Scan# 768
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

Tgt Ion:200 Resp: 193766
Ion Ratio Lower Upper
200 100
173 26.1 7.7 47.7
215 46.1 25.4 65.4

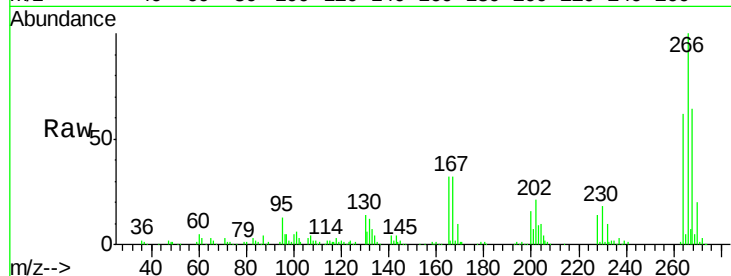




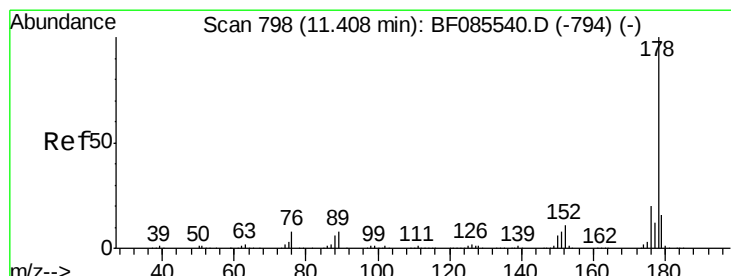
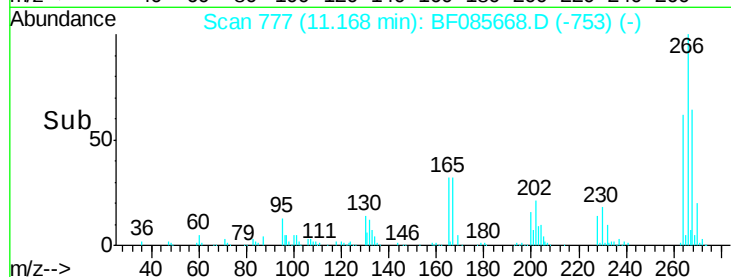
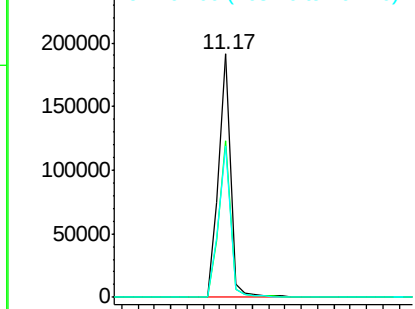
#69
 Pentachlorophenol
 Concen: 65.10 ng
 RT: 11.17 min Scan# 777
 Delta R.T. -0.02 min
 Lab File: BF085668.D
 Acq: 22 Mar 2016 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PB89081BS

Tgt Ion:266 Resp: 197806
 Ion Ratio Lower Upper
 266 100
 268 64.1 51.5 77.3
 264 62.1 50.6 76.0

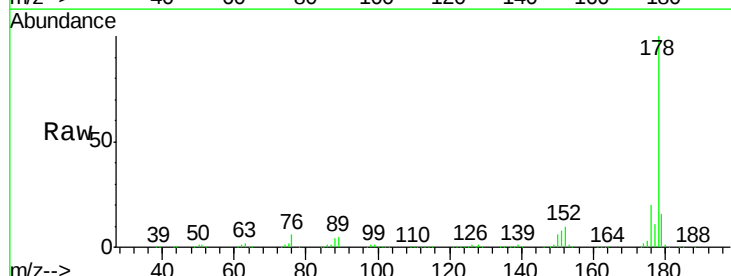


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

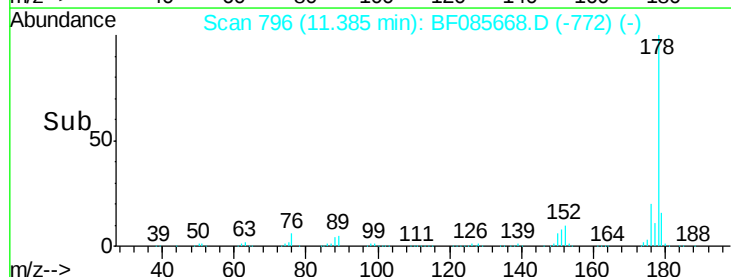
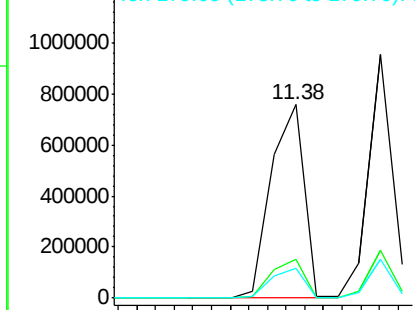


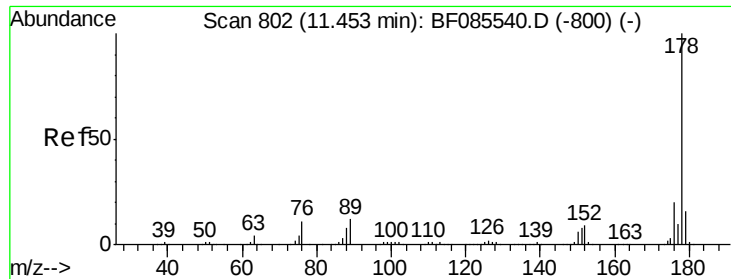
#70
 Phenanthrene
 Concen: 37.59 ng
 RT: 11.38 min Scan# 796
 Delta R.T. -0.02 min
 Lab File: BF085668.D
 Acq: 22 Mar 2016 19:43

Tgt Ion:178 Resp: 934560
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.3 24.5
 179 15.6 12.6 18.8



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

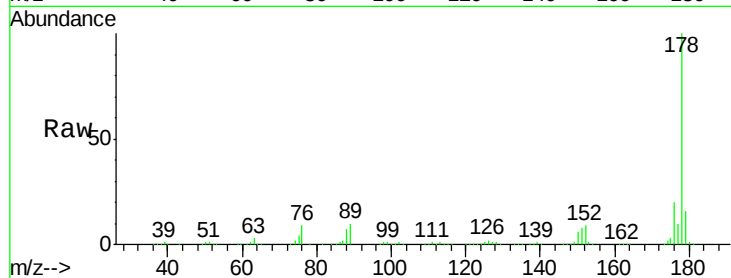




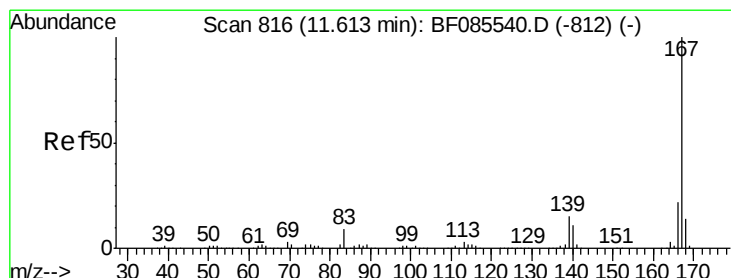
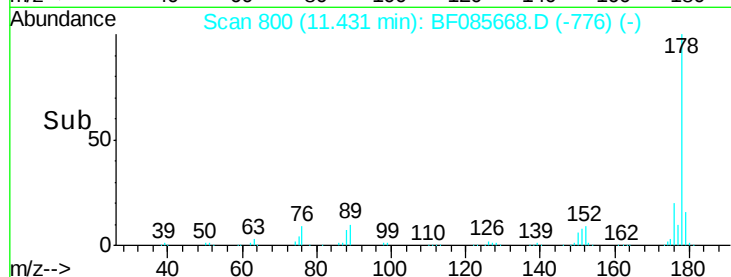
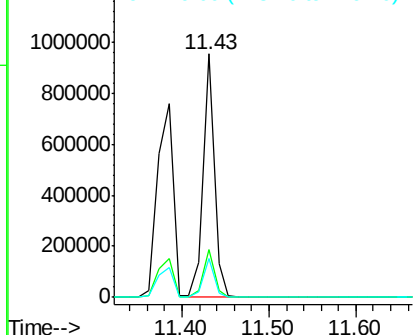
#71
 Anthracene
 Concen: 32.56 ng
 RT: 11.43 min Scan# 800
 Delta R.T. -0.02 min
 Lab File: BF085668.D
 Acq: 22 Mar 2016 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PB89081BS

Tgt Ion:178 Resp: 848823
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.9 23.9
 179 16.0 13.0 19.4

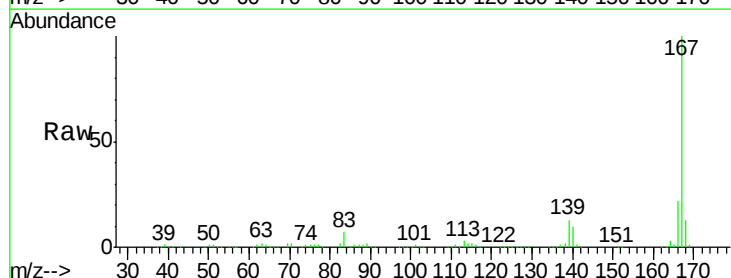


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

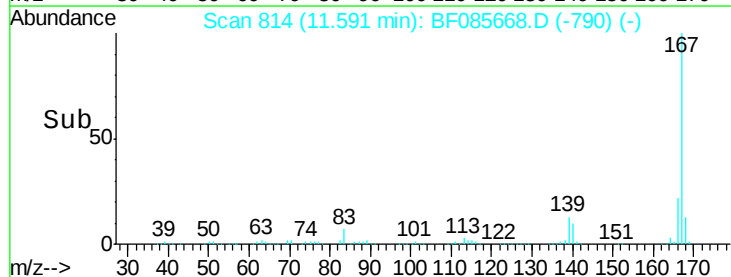
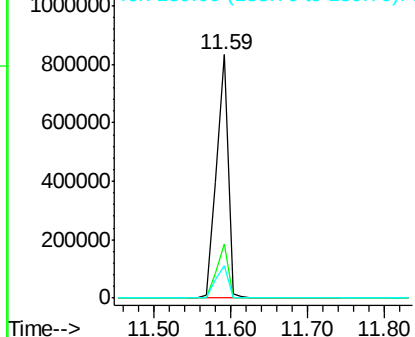


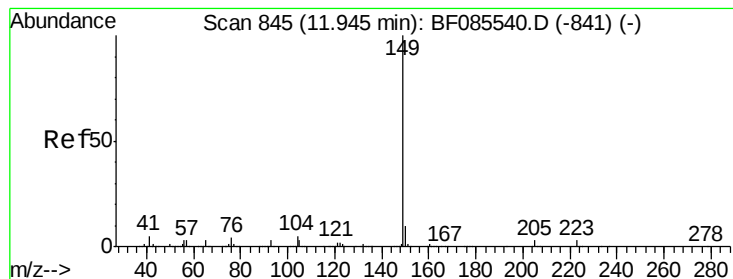
#72
 Carbazole
 Concen: 38.72 ng
 RT: 11.59 min Scan# 814
 Delta R.T. -0.02 min
 Lab File: BF085668.D
 Acq: 22 Mar 2016 19:43

Tgt Ion:167 Resp: 870921
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.8 26.8
 139 13.4 11.6 17.4



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





#73

Di-n-butylphthalate

Concen: 38.65 ng

RT: 11.92 min Scan# 843

Delta R.T. -0.02 min

Lab File: BF085668.D

Acq: 22 Mar 2016 19:43

Instrument :

BNA_F

ClientSampleId :

PB89081BS

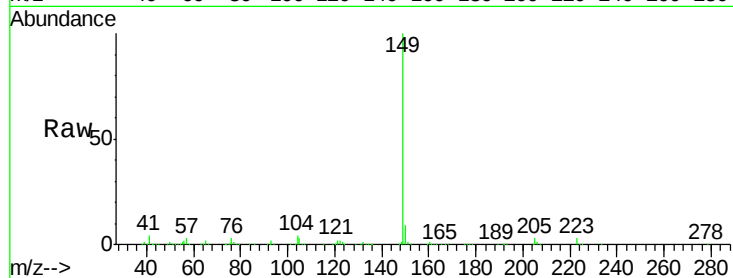
Tgt Ion:149 Resp: 1088433

Ion Ratio Lower Upper

149 100

150 9.2 7.6 11.4

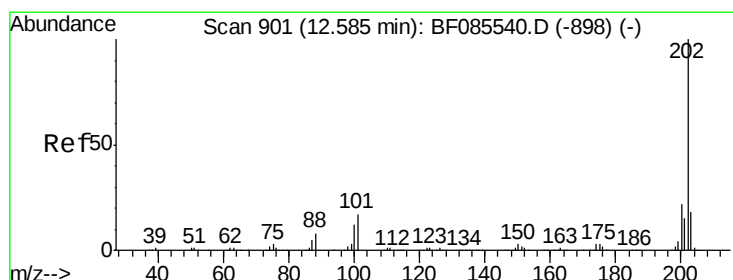
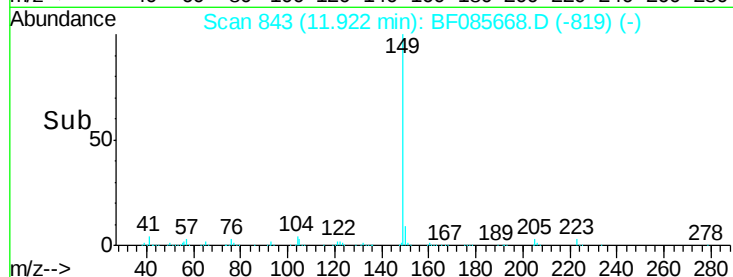
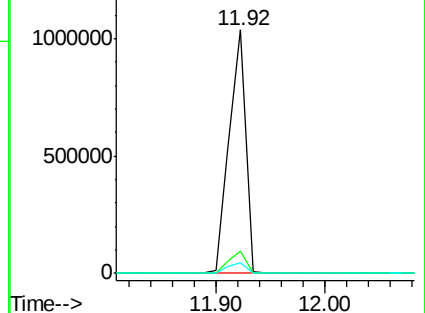
104 4.3 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 32.70 ng

RT: 12.56 min Scan# 899

Delta R.T. -0.02 min

Lab File: BF085668.D

Acq: 22 Mar 2016 19:43

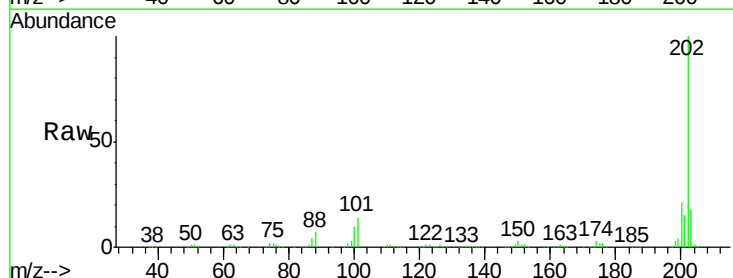
Tgt Ion:202 Resp: 851216

Ion Ratio Lower Upper

202 100

101 14.1 0.0 36.6

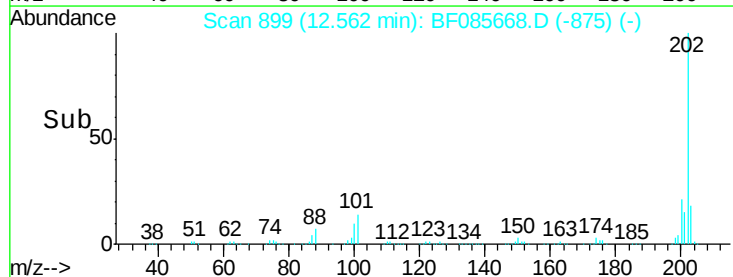
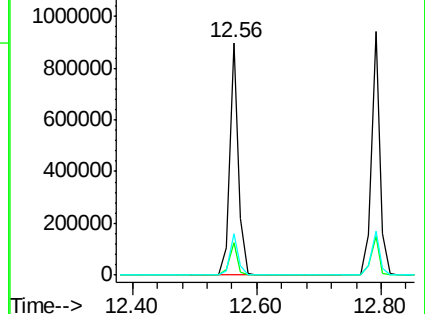
203 17.9 0.0 38.1

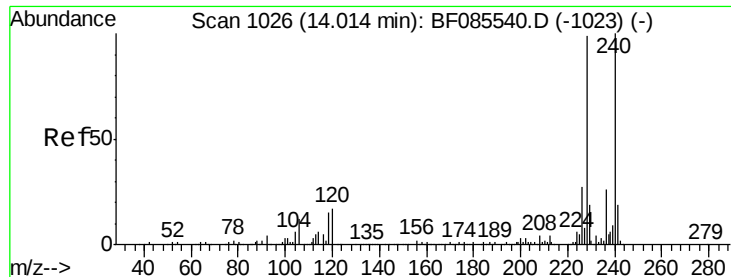


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BF085668.D

Acq: 22 Mar 2016 19:43

Instrument :

BNA_F

ClientSampleId :

PB89081BS

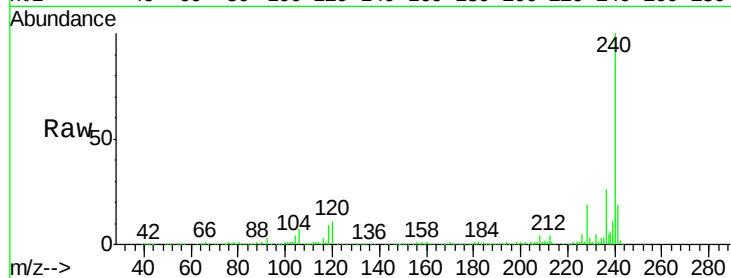
Tgt Ion:240 Resp: 402337

Ion Ratio Lower Upper

240 100

120 11.0 13.8 20.8#

236 26.3 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

600000

500000

400000

300000

200000

100000

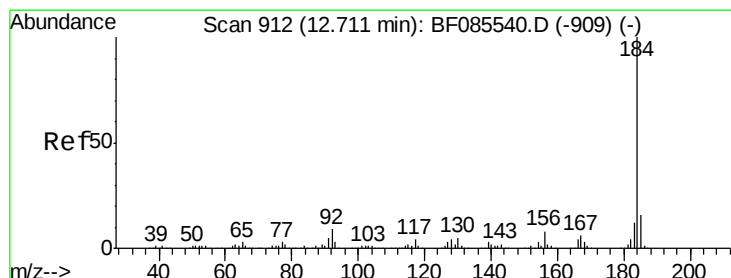
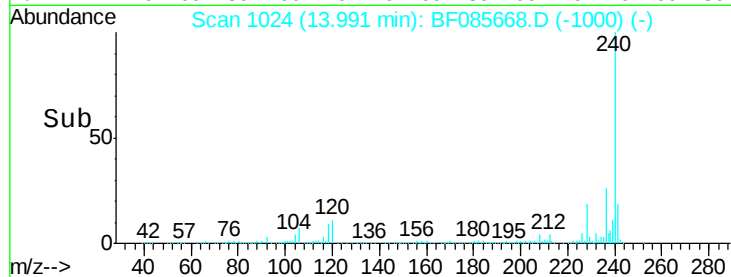
0

13.99

14.00

14.10

Time-->



#76

Benzidine

Concen: 20.20 ng

RT: 12.69 min Scan# 910

Delta R.T. -0.02 min

Lab File: BF085668.D

Acq: 22 Mar 2016 19:43

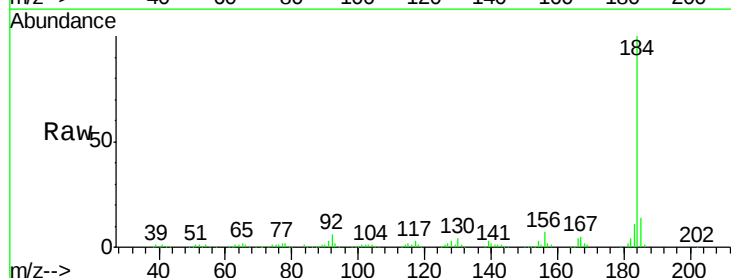
Tgt Ion:184 Resp: 273321

Ion Ratio Lower Upper

184 100

185 14.2 12.4 18.6

183 11.0 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

300000

200000

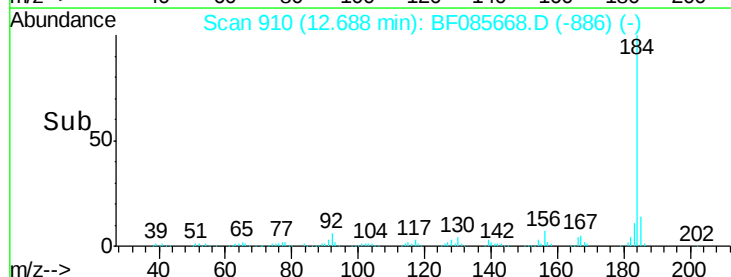
100000

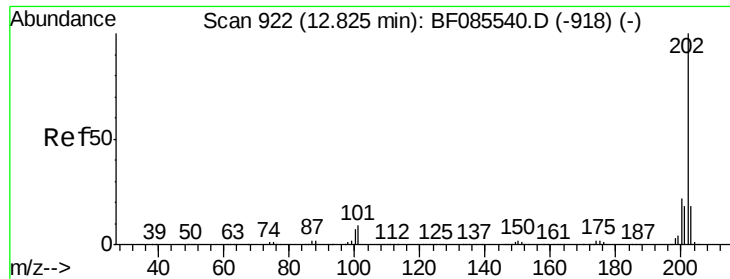
0

12.69

12.80

Time-->

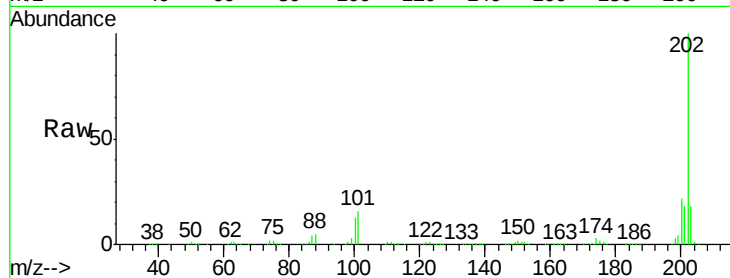




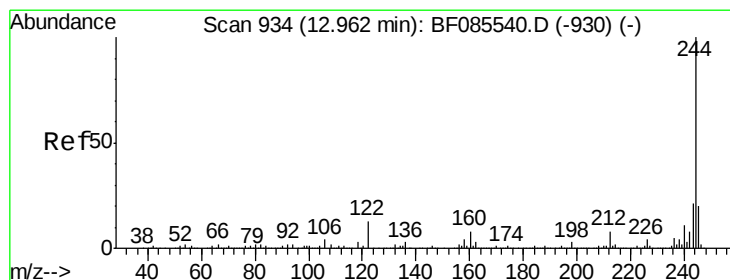
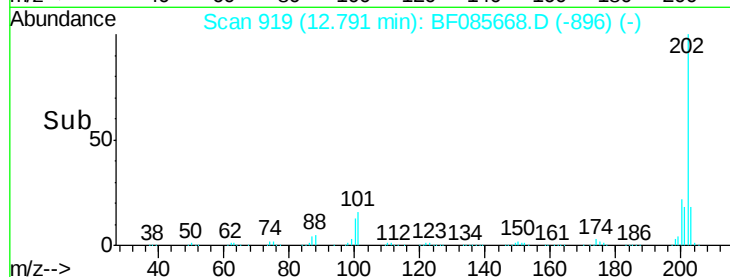
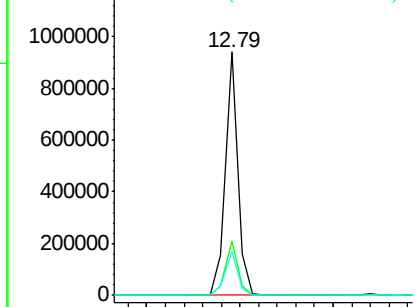
#77
 Pyrene
 Concen: 30.21 ng
 RT: 12.79 min Scan# 919
 Delta R.T. -0.03 min
 Lab File: BF085668.D
 Acq: 22 Mar 2016 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PB89081BS

Tgt Ion: 202 Resp: 872809
 Ion Ratio Lower Upper
 202 100
 200 22.3 17.6 26.4
 203 18.0 14.0 21.0

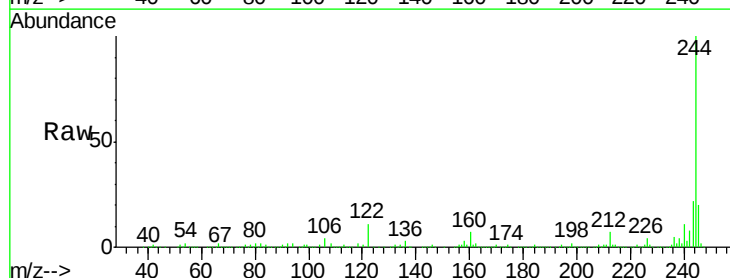


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

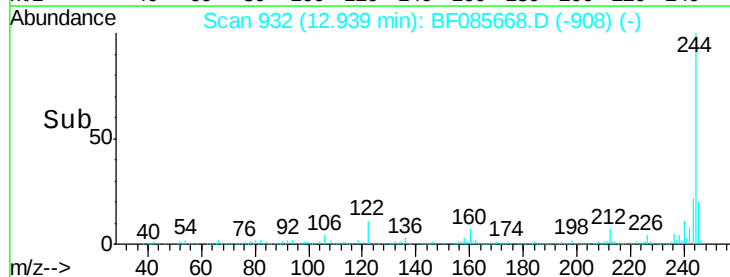
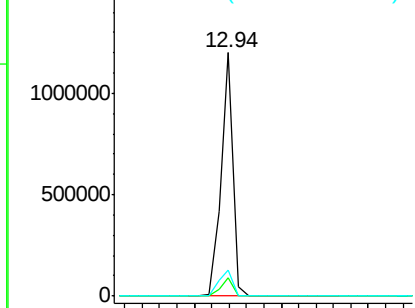


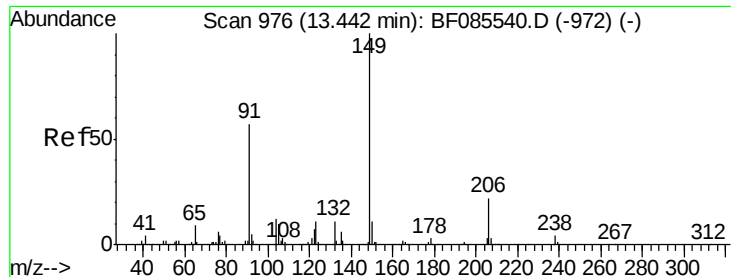
#78
 Terphenyl-d14
 Concen: 69.18 ng
 RT: 12.94 min Scan# 932
 Delta R.T. -0.02 min
 Lab File: BF085668.D
 Acq: 22 Mar 2016 19:43

Tgt Ion: 244 Resp: 1156594
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 10.8 10.2 15.4



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

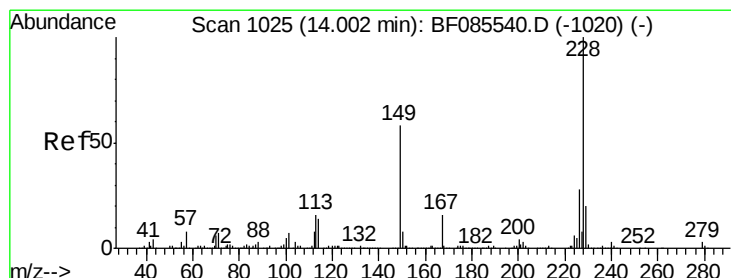
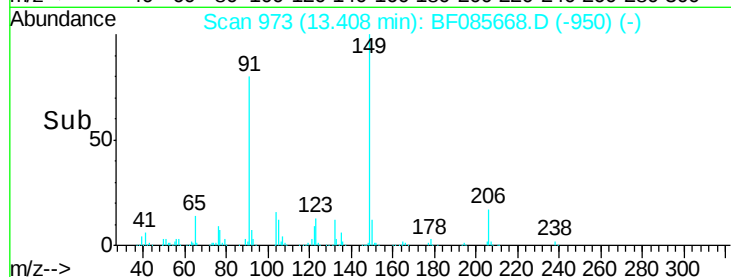
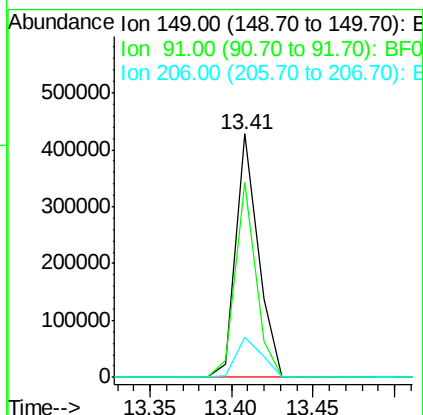
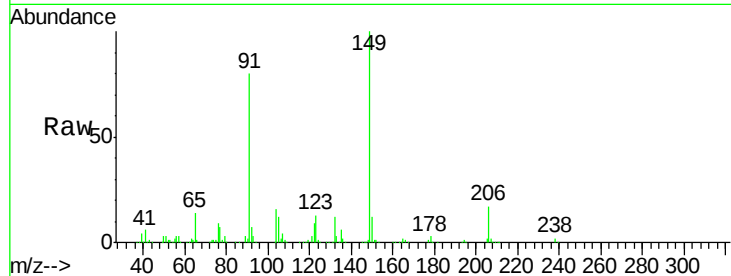




#79
Butylbenzylphthalate
Concen: 29.56 ng
RT: 13.41 min Scan# 973
Delta R.T. -0.03 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

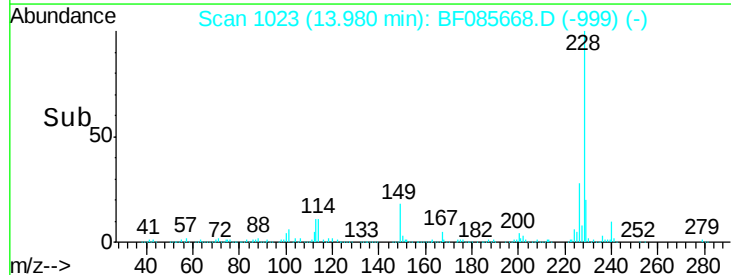
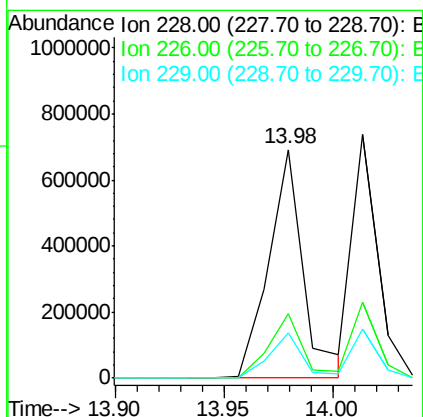
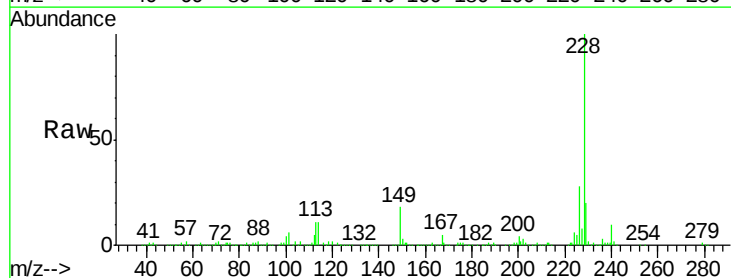
Instrument :
BNA_F
ClientSampled :
PB89081BS

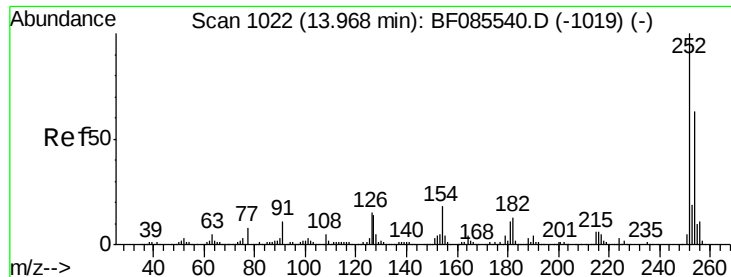
Tgt Ion:149 Resp: 407046
Ion Ratio Lower Upper
149 100
91 80.3 45.8 68.8#
206 16.6 17.8 26.8#



#80
Benzo(a)anthracene
Concen: 33.05 ng
RT: 13.98 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

Tgt Ion:228 Resp: 771886
Ion Ratio Lower Upper
228 100
226 27.9 22.1 33.1
229 20.0 16.2 24.4

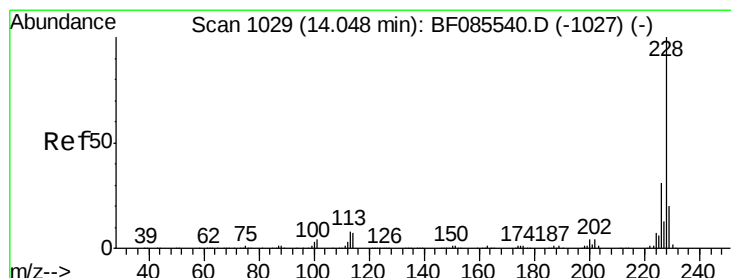
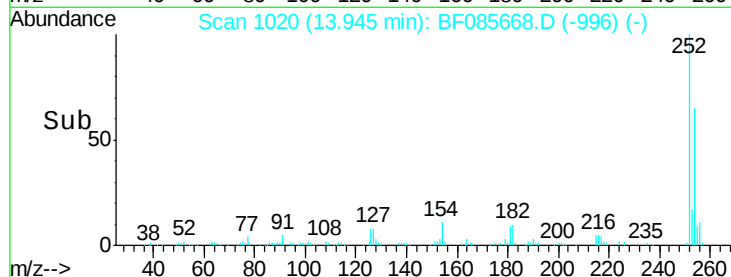
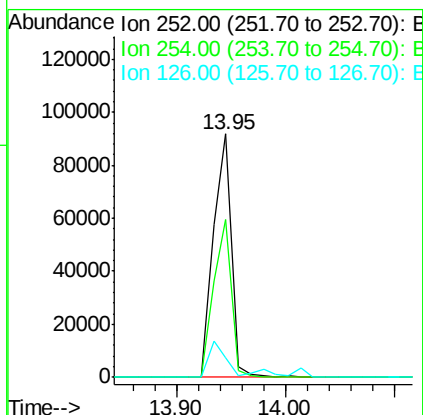
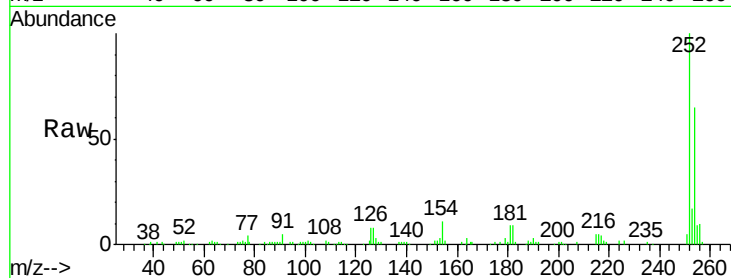




#81
 3,3'-Dichlorobenzidine
 Concen: 12.51 ng
 RT: 13.95 min Scan# 1020
 Delta R.T. -0.02 min
 Lab File: BF085668.D
 Acq: 22 Mar 2016 19:43

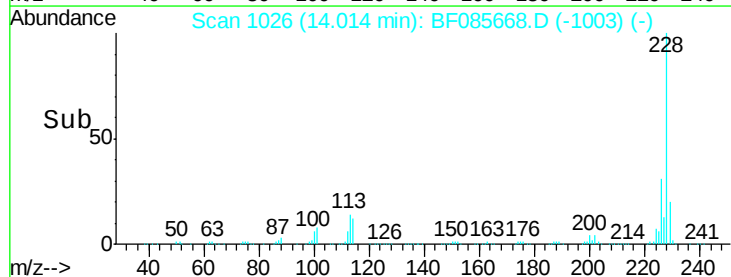
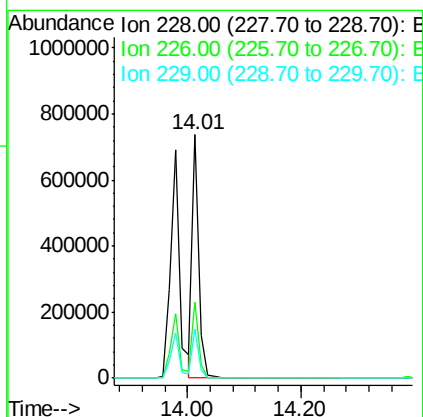
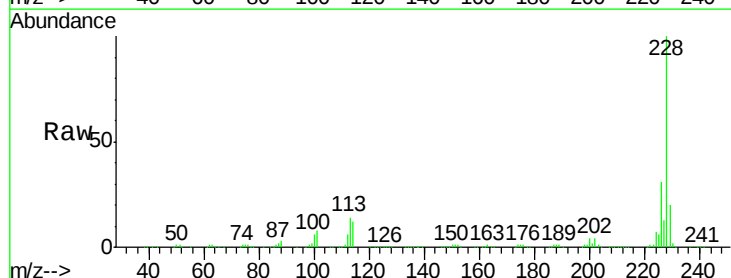
Instrument :
 BNA_F
 ClientSampleId :
 PB89081BS

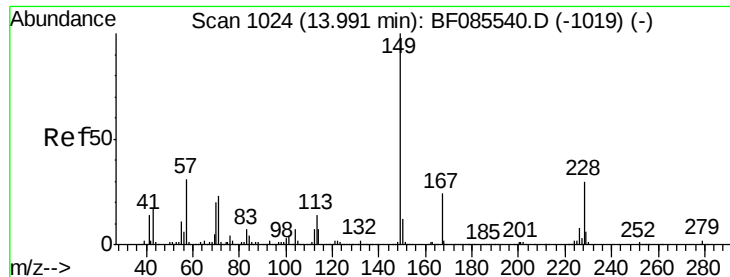
Tgt Ion: 252 Resp: 107075
 Ion Ratio Lower Upper
 252 100
 254 64.7 50.7 76.1
 126 7.9 11.8 17.6#



#82
 Chrysene
 Concen: 27.26 ng
 RT: 14.01 min Scan# 1026
 Delta R.T. -0.03 min
 Lab File: BF085668.D
 Acq: 22 Mar 2016 19:43

Tgt Ion: 228 Resp: 612480
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.0 37.6
 229 19.9 15.7 23.5

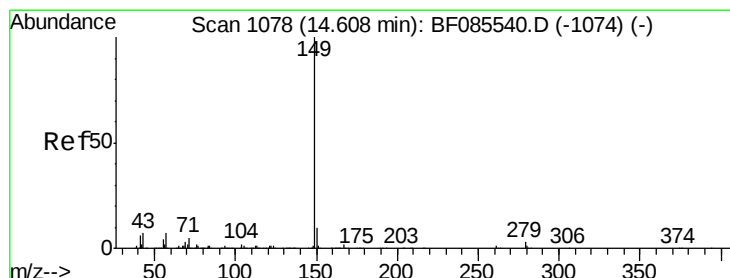
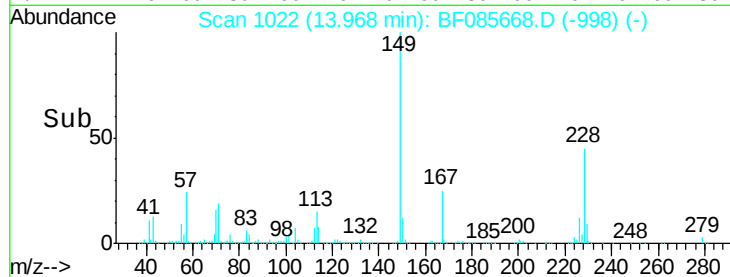
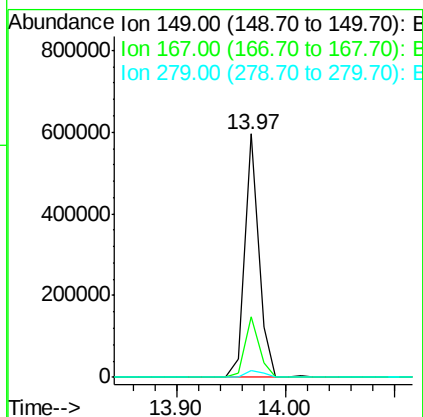
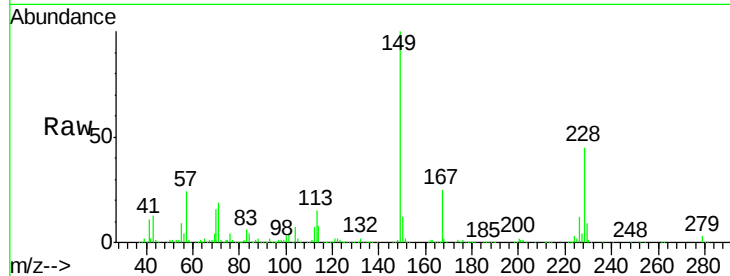




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 31.02 ng
 RT: 13.97 min Scan# 1022
 Delta R.T. -0.02 min
 Lab File: BF085668.D
 Acq: 22 Mar 2016 19:43

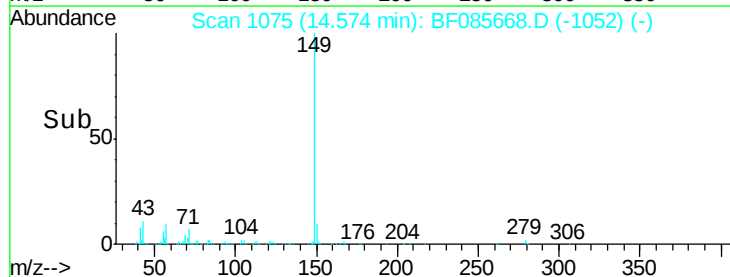
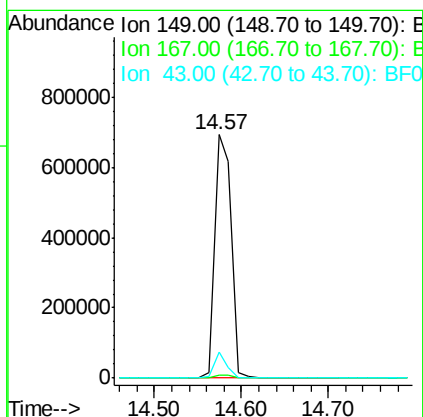
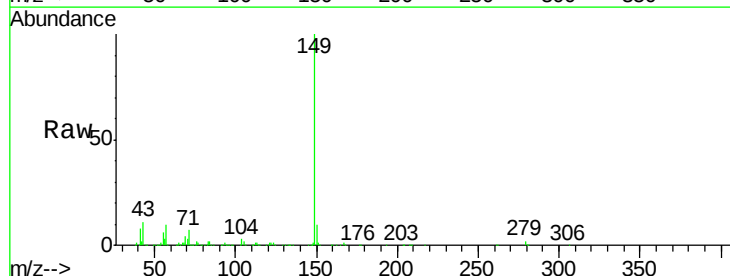
Instrument :
 BNA_F
 ClientSampleId :
 PB89081BS

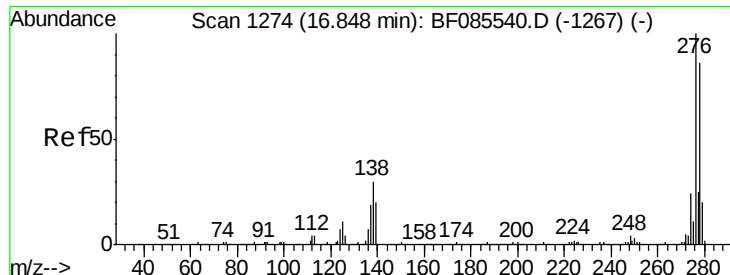
Tgt Ion:149 Resp: 530746
 Ion Ratio Lower Upper
 149 100
 167 25.1 19.4 29.2
 279 2.6 1.5 2.3#



#84
 Di-n-octyl phthalate
 Concen: 33.28 ng
 RT: 14.57 min Scan# 1075
 Delta R.T. -0.03 min
 Lab File: BF085668.D
 Acq: 22 Mar 2016 19:43

Tgt Ion:149 Resp: 927918
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.1 7.1 10.7

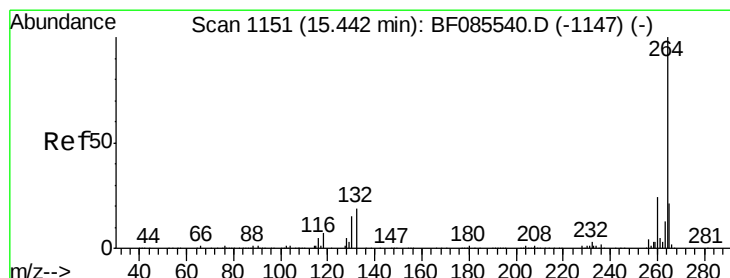
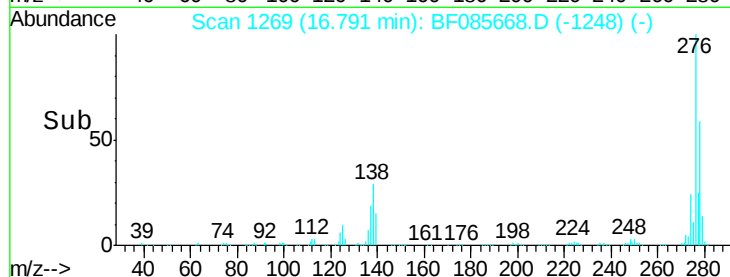
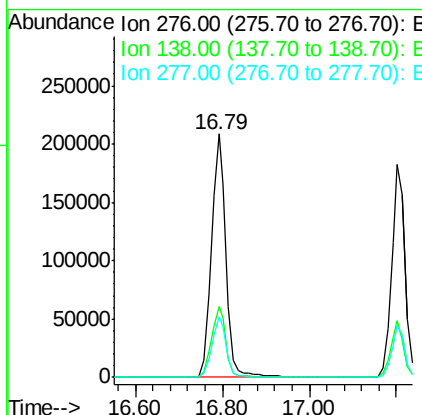
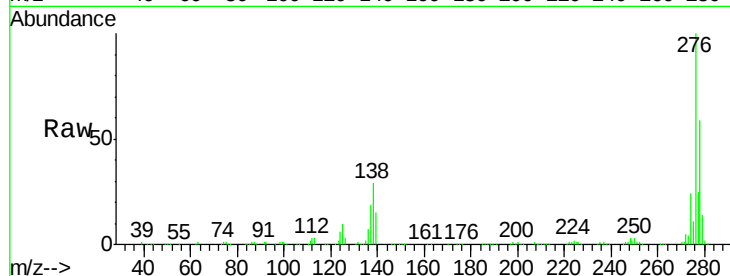




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 26.30 ng
 RT: 16.79 min Scan# 1269
 Delta R.T. -0.06 min
 Lab File: BF085668.D
 Acq: 22 Mar 2016 19:43

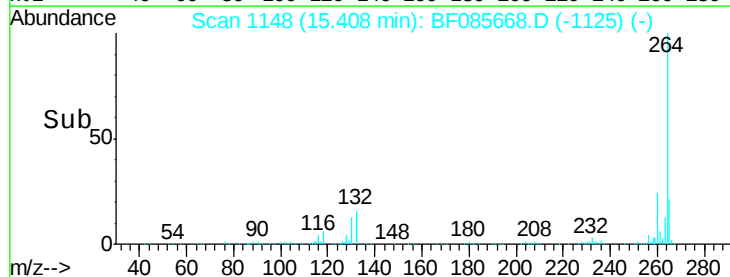
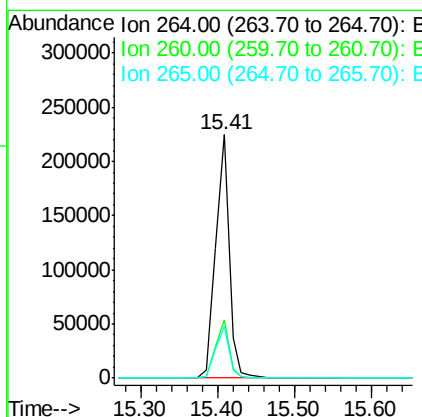
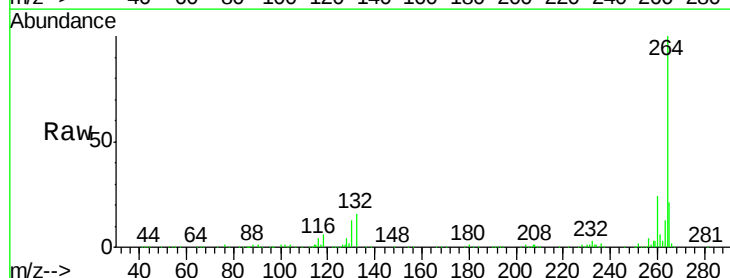
Instrument :
 BNA_F
 ClientSampled :
 PB89081BS

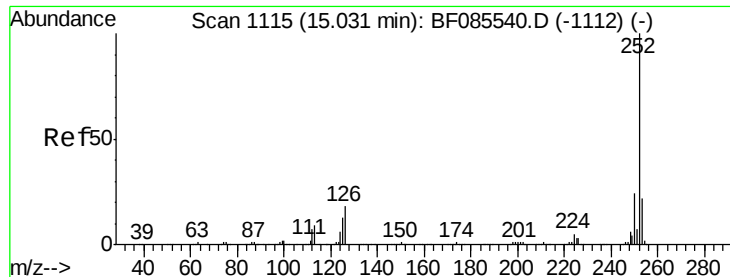
Tgt Ion: 276 Resp: 493822
 Ion Ratio Lower Upper
 276 100
 138 29.3 24.2 36.4
 277 24.8 20.0 30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1148
 Delta R.T. -0.03 min
 Lab File: BF085668.D
 Acq: 22 Mar 2016 19:43

Tgt Ion: 264 Resp: 275551
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 21.2 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 66.82 ng

RT: 15.03 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BF085668.D

Acq: 22 Mar 2016 19:43

Instrument :

BNA_F

ClientSampleId :

PB89081BS

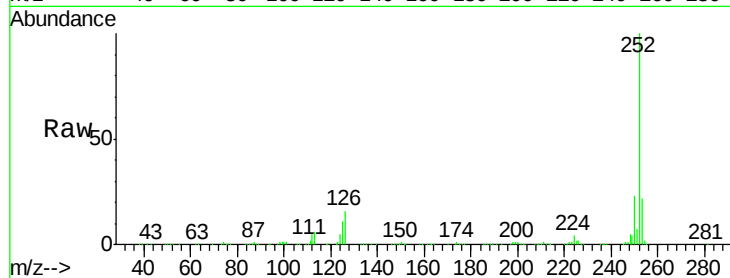
Tgt Ion:252 Resp: 1201463

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

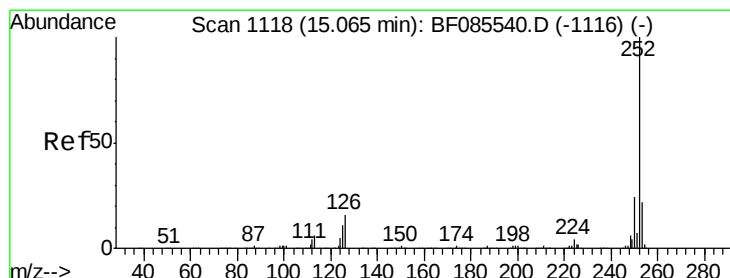
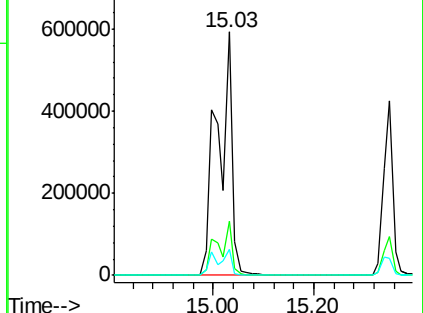
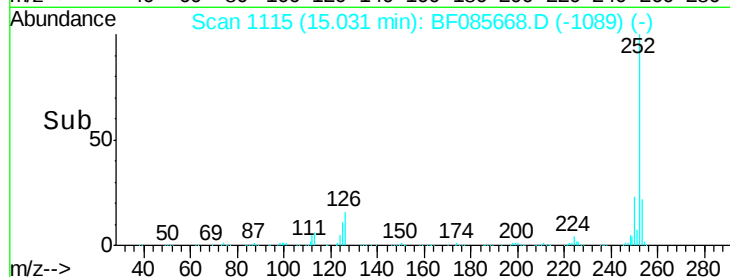
125 10.6 10.3 15.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 81.12 ng

RT: 15.03 min Scan# 1115

Delta R.T. -0.03 min

Lab File: BF085668.D

Acq: 22 Mar 2016 19:43

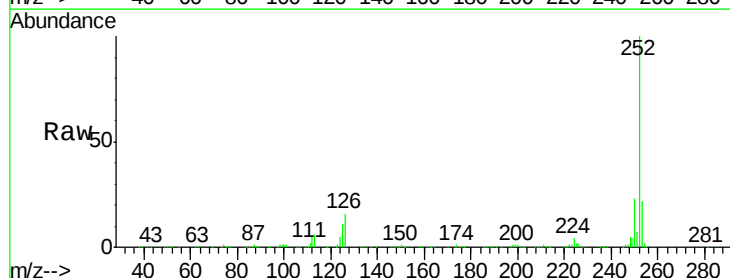
Tgt Ion:252 Resp: 1201709

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

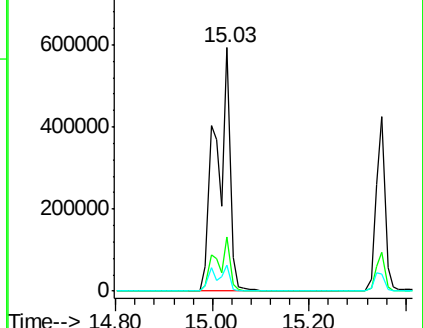
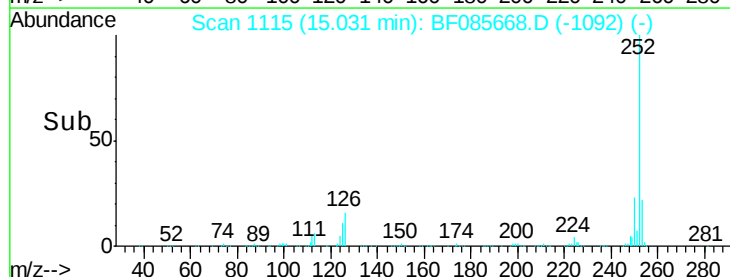
125 10.6 7.7 11.5

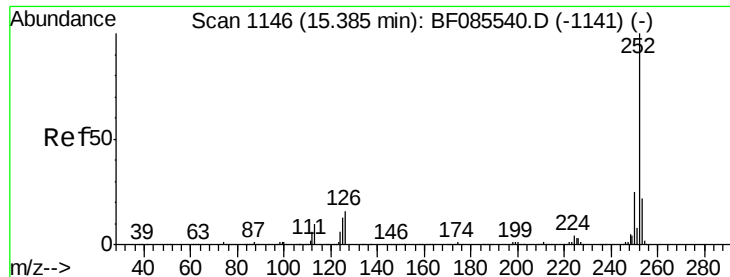


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 36.12 ng

RT: 15.35 min Scan# 1143

Delta R.T. -0.03 min

Lab File: BF085668.D

Acq: 22 Mar 2016 19:43

Instrument :

BNA_F

ClientSampleId :

PB89081BS

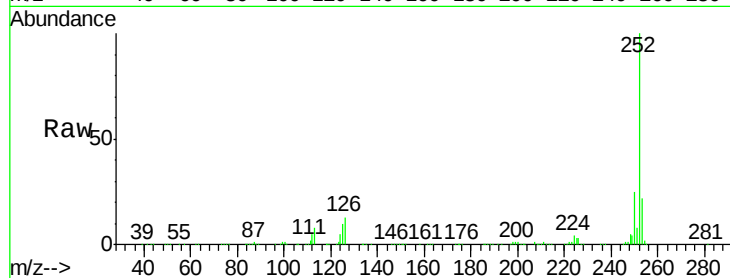
Tgt Ion:252 Resp: 550521

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

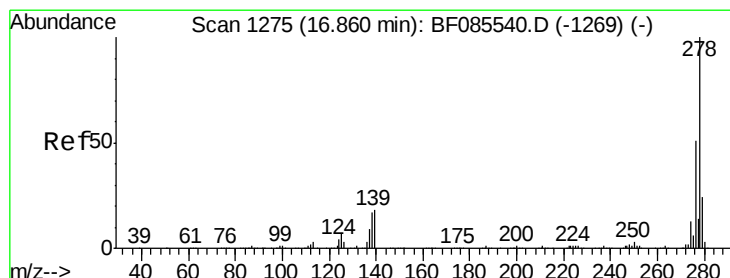
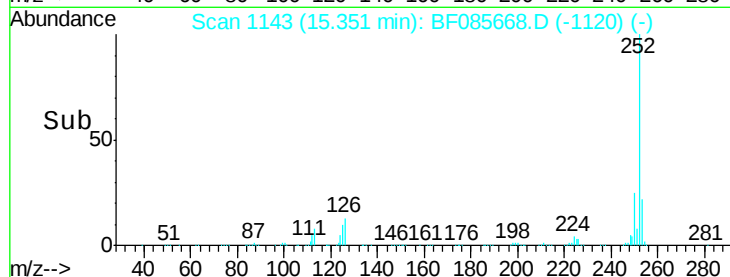
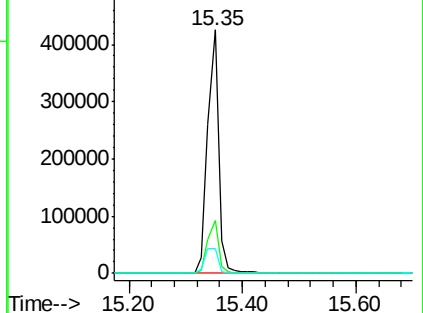
125 10.0 10.3 15.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 32.67 ng

RT: 16.80 min Scan# 1270

Delta R.T. -0.06 min

Lab File: BF085668.D

Acq: 22 Mar 2016 19:43

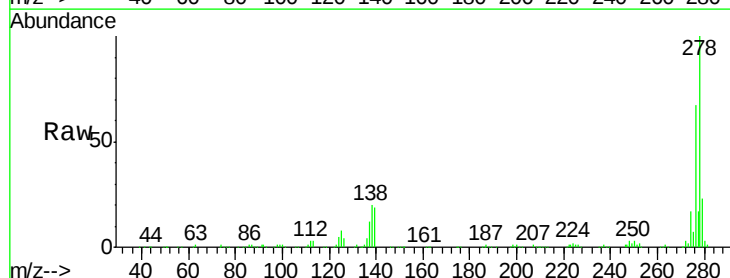
Tgt Ion:278 Resp: 415376

Ion Ratio Lower Upper

278 100

139 18.8 14.4 21.6

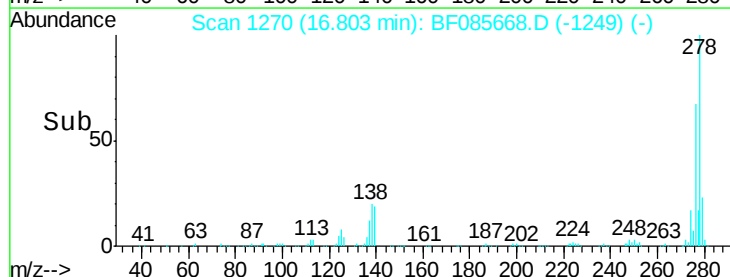
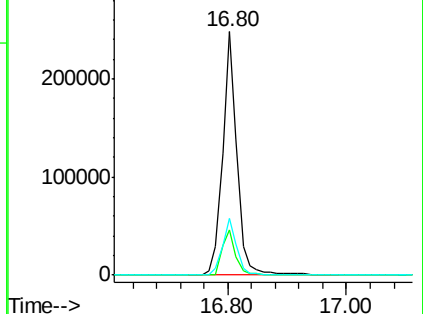
279 23.4 19.1 28.7

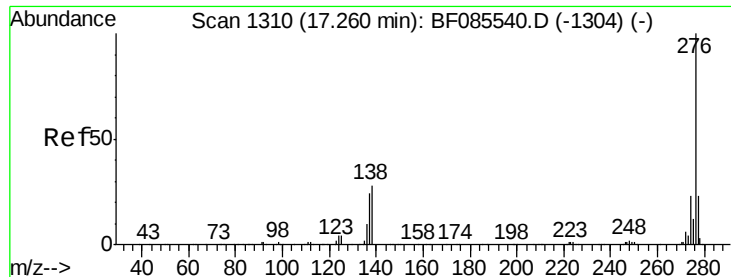


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 33.10 ng

RT: 17.20 min Scan# 1305

Delta R.T. -0.06 min

Lab File: BF085668.D

Acq: 22 Mar 2016 19:43

Instrument :

BNA_F

ClientSampleId :

PB89081BS

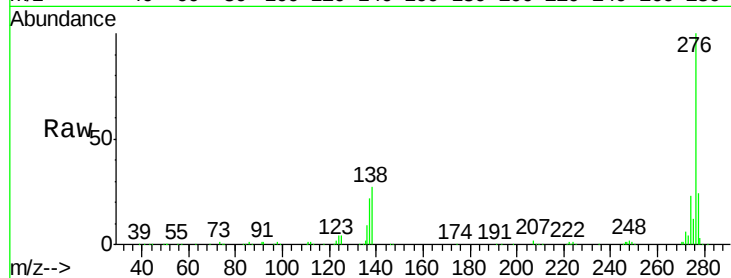
Tgt Ion: 276 Resp: 407283

Ion Ratio Lower Upper

276 100

277 24.1 18.8 28.2

138 26.8 22.6 34.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

