

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031616\
 Data File : BF085471.D
 Acq On : 16 Mar 2016 19:38
 Operator : UM/SJ
 Sample : PB88925BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88925BS

Quant Time: Mar 17 00:50:35 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 18:57:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	139905	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	541459	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	260498	20.00	ng	-0.01
63) Phenanthrene-d10	11.43	188	492538	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	376898	20.00	ng	-0.01
86) Perylene-d12	15.51	264	242998	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	975416	119.85	ng	0.00
7) Phenol-d6	6.54	99	1275468	120.81	ng	-0.01
23) Nitrobenzene-d5	7.46	82	849432	92.76	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	314121	130.92	ng	-0.02
44) 2-Fluorobiphenyl	9.27	172	1460109	97.24	ng	-0.01
78) Terphenyl-d14	13.02	244	1465250	87.95	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.61	88	140627	34.63	ng	98
3) Pyridine	3.36	79	357804	37.11	ng	97
4) n-Nitrosodimethylamine	3.29	42	176119	39.56	ng	97
6) Aniline	6.56	93	336463	23.09	ng	99
8) 2-Chlorophenol	6.69	128	406062	42.55	ng	98
9) Benzaldehyde	6.45	77	84848	14.39	ng	94
10) Phenol	6.55	94	538100	45.47	ng	97
11) bis(2-Chloroethyl)ether	6.64	93	401797	44.15	ng	98
12) 1,3-Dichlorobenzene	6.85	146	419450	39.66	ng	98
13) 1,4-Dichlorobenzene	6.92	146	410319	38.73	ng	99
14) 1,2-Dichlorobenzene	7.08	146	410626	44.17	ng	97
15) Benzyl Alcohol	7.04	79	324833	43.08	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.18	45	491098	39.63	ng	97
17) 2-Methylphenol	7.16	107	320644	40.14	ng	95
18) Hexachloroethane	7.42	117	160611	41.33	ng	96
19) n-Nitroso-di-n-propylamine	7.32	70	248532	39.31	ng	# 91
20) 3+4-Methylphenols	7.32	107	408877	47.74	ng	# 78
22) Acetophenone	7.32	105	507958	38.28	ng	# 96
24) Nitrobenzene	7.49	77	435415	42.20	ng	96
25) Isophorone	7.73	82	780605	41.80	ng	98
26) 2-Nitrophenol	7.81	139	233612	47.26	ng	# 88
27) 2,4-Dimethylphenol	7.84	122	379733	43.19	ng	95
28) bis(2-Chloroethoxy)methane	7.94	93	473959	42.45	ng	# 97
29) 2,4-Dichlorophenol	8.05	162	334184	46.85	ng	93
30) 1,2,4-Trichlorobenzene	8.13	180	328511	39.86	ng	98
31) Naphthalene	8.21	128	1099470	41.56	ng	99
32) Benzoic acid	7.96	122	182933	36.18	ng	98
33) 4-Chloroaniline	8.25	127	115721	10.17	ng	96
34) Hexachlorobutadiene	8.33	225	183737	42.65	ng	99
35) Caprolactam	8.66	113	39457	16.94	ng	90
36) 4-Chloro-3-methylphenol	8.74	107	358264	43.99	ng	99
37) 2-Methylnaphthalene	8.90	142	795988	47.51	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	306586	37.84	ng	98
40) Hexachlorocyclopentadiene	9.05	237	328051	83.78	ng	99

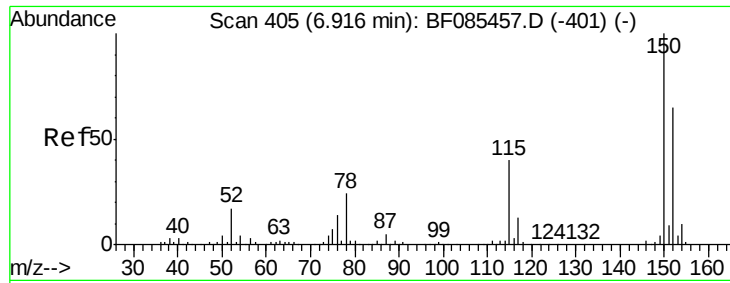
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031616\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	221776	41.45	ng	95
43) 2,4,5-Trichlorophenol	9.22	196	234639	43.41	ng	98
45) 1,1'-Biphenyl	9.37	154	909514	42.77	ng	94
46) 2-Chloronaphthalene	9.40	162	712654	44.73	ng	97
47) 2-Nitroaniline	9.49	65	221830	45.98	ng	87
48) Acenaphthylene	9.81	152	1077807	41.82	ng	99
49) Dimethylphthalate	9.67	163	823257	43.32	ng	100
50) 2,6-Dinitrotoluene	9.73	165	163896	39.03	ng	# 81
51) Acenaphthene	9.98	154	717107	44.26	ng	98
52) 3-Nitroaniline	9.90	138	112409	22.39	ng	100
53) 2,4-Dinitrophenol	10.01	184	160031	70.49	ng	# 29
54) Dibenzofuran	10.15	168	910334	45.73	ng	99
55) 4-Nitrophenol	10.07	139	337110	97.55	ng	85
56) 2,4-Dinitrotoluene	10.14	165	277058	52.61	ng	# 82
57) Fluorene	10.49	166	706800	44.53	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.28	232	174073	46.91	ng	97
59) Diethylphthalate	10.37	149	793861	43.15	ng	96
60) 4-Chlorophenyl-phenylether	10.48	204	326654	40.05	ng	93
61) 4-Nitroaniline	10.52	138	213409	45.21	ng	96
62) Azobenzene	10.64	77	855982	46.85	ng	96
64) 4,6-Dinitro-2-methylphenol	10.54	198	111072	37.75	ng	# 36
65) n-Nitrosodiphenylamine	10.61	169	684077	45.07	ng	99
66) 4-Bromophenyl-phenylether	10.97	248	203074	40.74	ng	92
67) Hexachlorobenzene	11.04	284	213346	41.48	ng	# 84
68) Atrazine	11.13	200	228590	52.63	ng	97
69) Pentachlorophenol	11.24	266	231739	85.00	ng	99
70) Phenanthrene	11.45	178	1035619	40.37	ng	99
71) Anthracene	11.51	178	1216312	46.55	ng	99
72) Carbazole	11.66	167	955792	43.23	ng	99
73) Di-n-butylphthalate	11.99	149	1286657	46.98	ng	99
74) Fluoranthene	12.64	202	1146669	47.55	ng	99
76) Benzidine	12.76	184	341733	29.19	ng	98
77) Pyrene	12.87	202	1122997	39.73	ng	100
79) Butylbenzylphthalate	13.49	149	558713	45.20	ng	# 82
80) Benzo(a)anthracene	14.06	228	891110	41.24	ng	99
81) 3,3'-Dichlorobenzidine	14.01	252	88412	12.09	ng	98
82) Chrysene	14.09	228	809506	41.65	ng	100
83) Bis(2-ethylhexyl)phthalate	14.05	149	699331	46.38	ng	# 97
84) Di-n-octyl phthalate	14.65	149	1047081	47.57	ng	98
85) Indeno(1,2,3-cd)pyrene	16.95	276	668497	36.28	ng	97
87) Benzo(b)fluoranthene	15.09	252	772567	48.68	ng	99
88) Benzo(k)fluoranthene	15.09	252	772567	62.15	ng	98
89) Benzo(a)pyrene	15.45	252	614728	44.84	ng	99
90) Dibenzo(a,h)anthracene	16.96	278	559857	41.80	ng	98
91) Benzo(g,h,i)perylene	17.39	276	576794	42.17	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 404

Delta R.T. -0.01 min

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PB88925BS

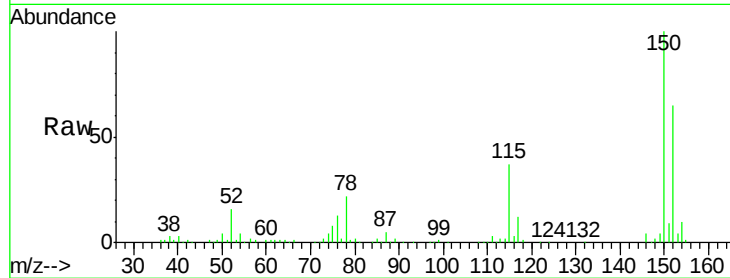
Tgt Ion:152 Resp: 139905

Ion Ratio Lower Upper

152 100

150 153.2 124.6 186.8

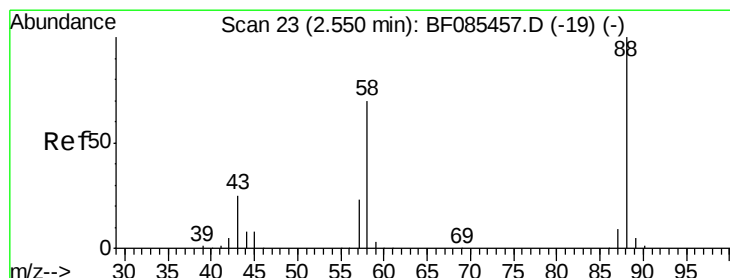
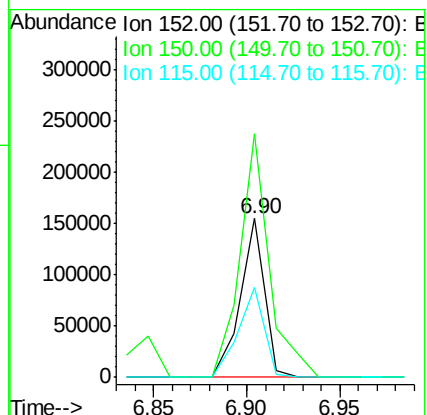
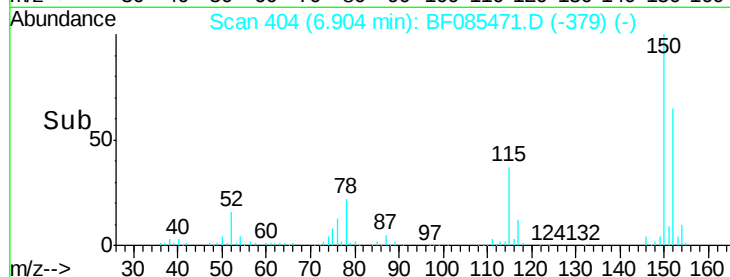
115 56.9 46.6 70.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 34.63 ng

RT: 2.61 min Scan# 28

Delta R.T. 0.06 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

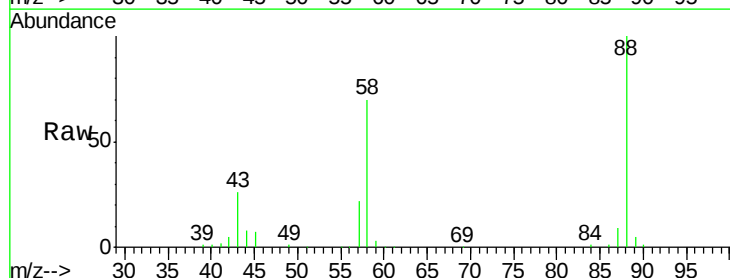
Tgt Ion: 88 Resp: 140627

Ion Ratio Lower Upper

88 100

58 72.3 57.0 85.6

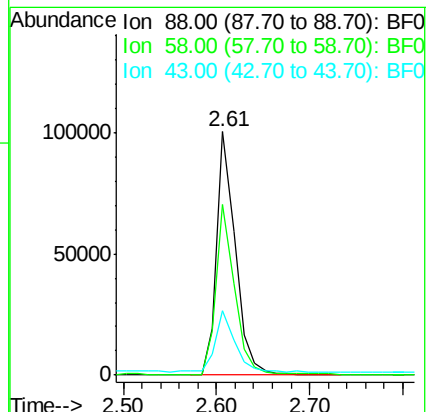
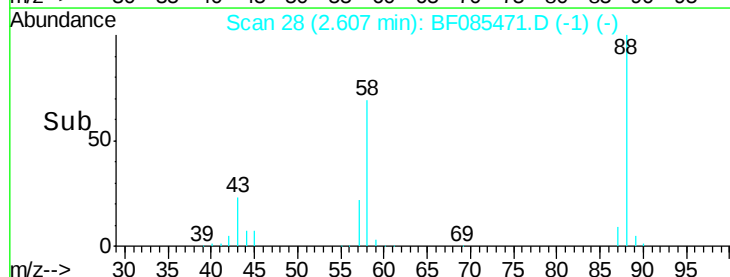
43 27.8 20.5 30.7

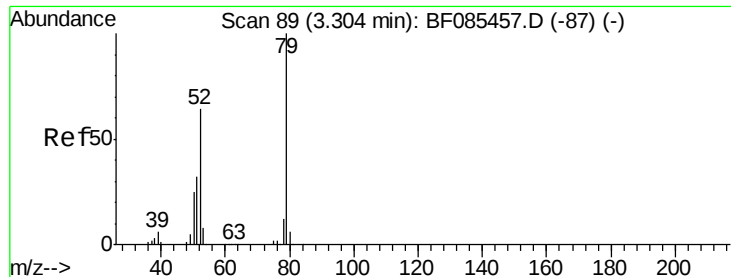


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

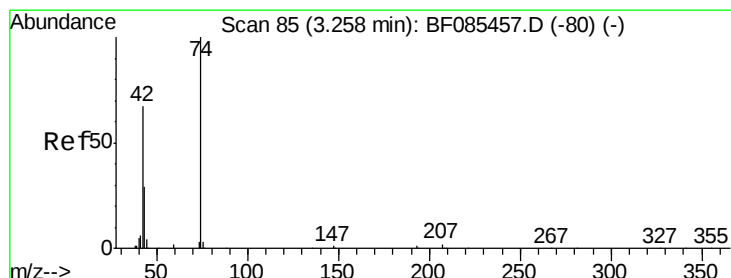
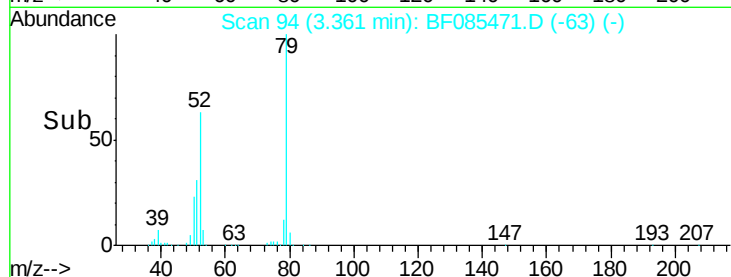
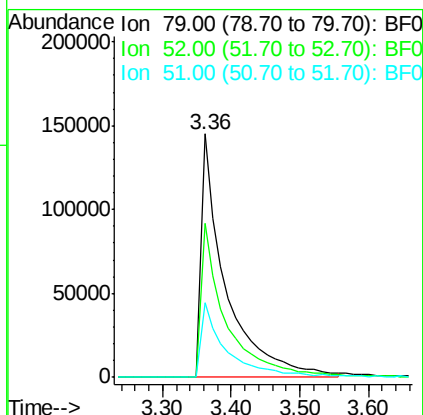
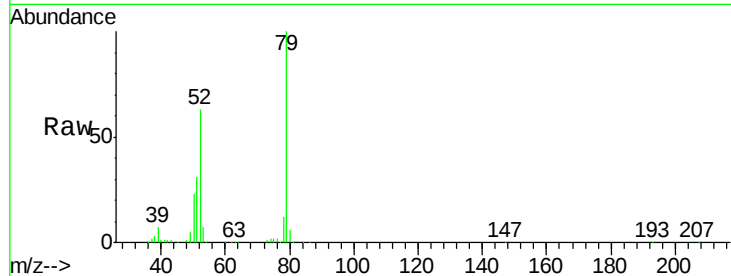




#3
 Pyridine
 Concen: 37.11 ng
 RT: 3.36 min Scan# 94
 Delta R.T. 0.06 min
 Lab File: BF085471.D
 Acq: 16 Mar 2016 19:38

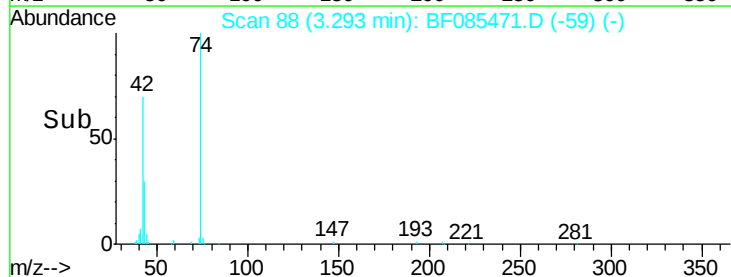
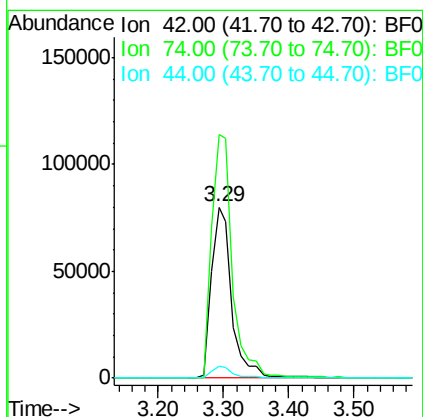
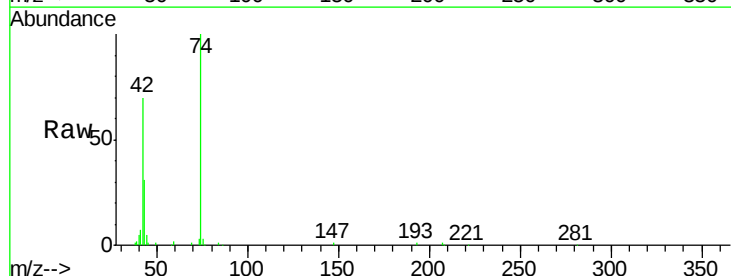
Instrument :
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 PB88925BS

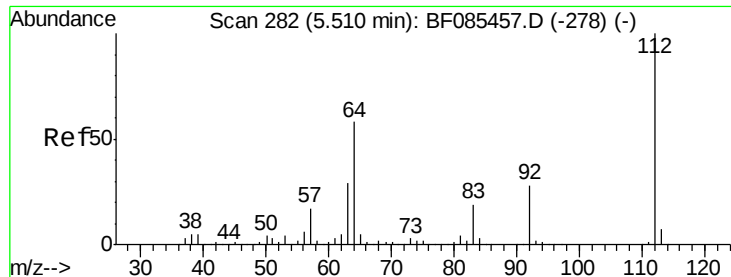
Tgt Ion: 79 Resp: 357804
 Ion Ratio Lower Upper
 79 100
 52 63.5 52.6 79.0
 51 30.7 25.8 38.8



#4
 n-Nitrosodimethylamine
 Concen: 39.56 ng
 RT: 3.29 min Scan# 88
 Delta R.T. 0.03 min
 Lab File: BF085471.D
 Acq: 16 Mar 2016 19:38

Tgt Ion: 42 Resp: 176119
 Ion Ratio Lower Upper
 42 100
 74 142.3 116.8 175.2
 44 6.8 5.5 8.3





#5

2-Fluorophenol

Concen: 119.85 ng

RT: 5.51 min Scan# 282

Delta R.T. -0.00 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

Instrument :

BNA_F

ClientSampleId :

PB88925BS

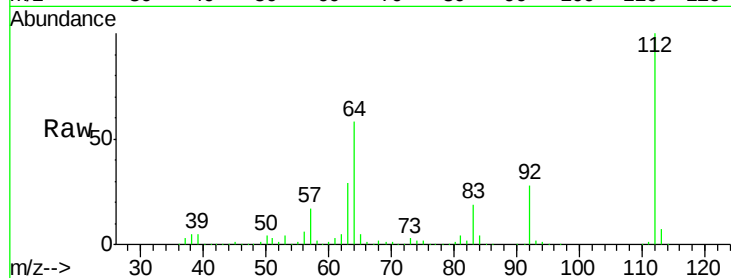
Tgt Ion: 112 Resp: 975416

Ion Ratio Lower Upper

112 100

64 57.6 49.0 73.4

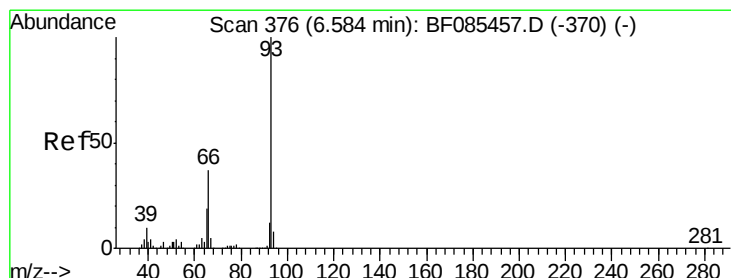
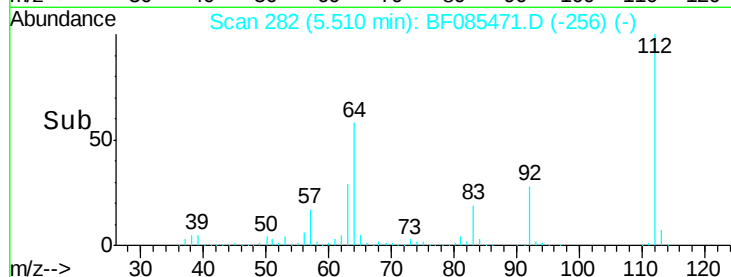
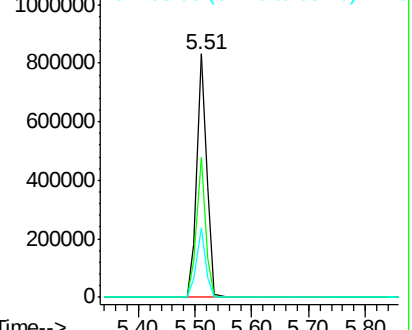
63 28.8 24.8 37.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 23.09 ng

RT: 6.56 min Scan# 374

Delta R.T. -0.02 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

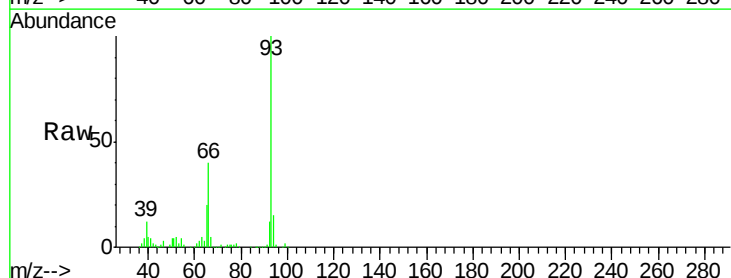
Tgt Ion: 93 Resp: 336463

Ion Ratio Lower Upper

93 100

66 39.9 31.6 47.4

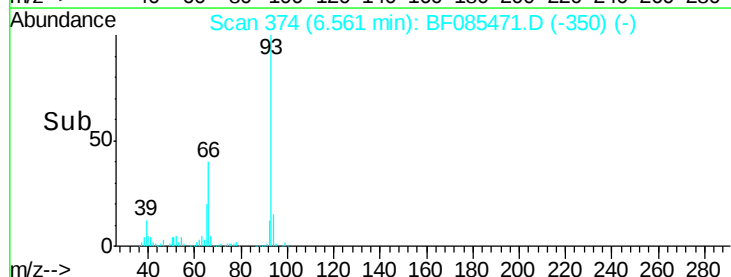
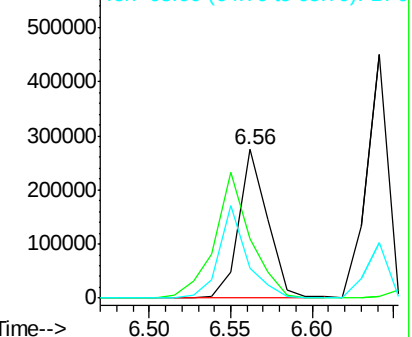
65 20.2 15.8 23.8

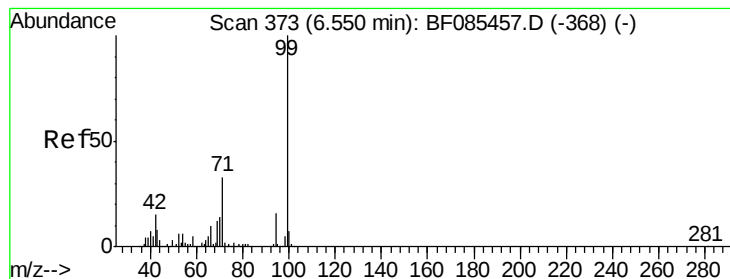


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 120.81 ng

RT: 6.54 min Scan# 372

Delta R.T. -0.01 min

Lab File: BF085471.D

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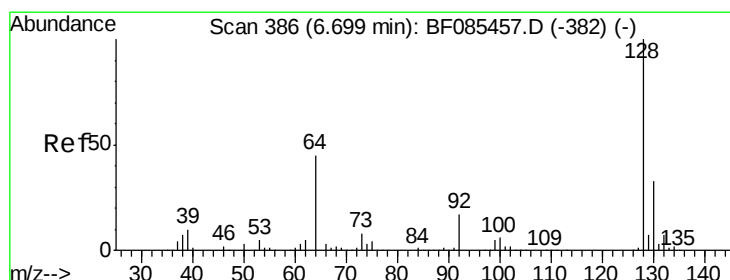
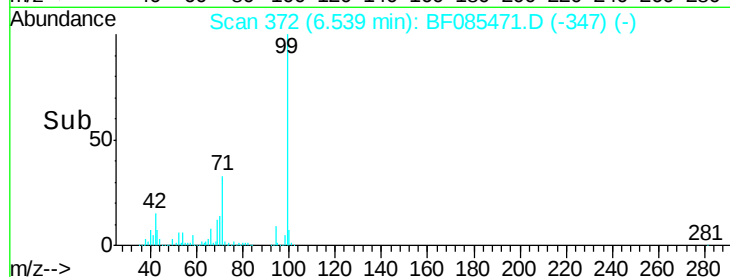
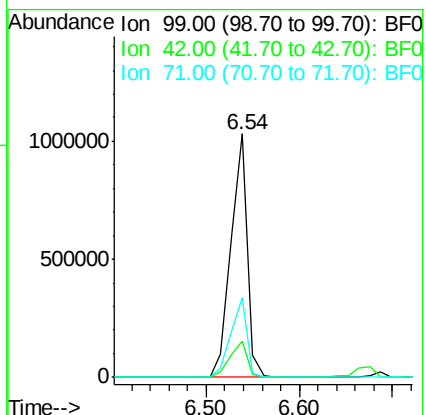
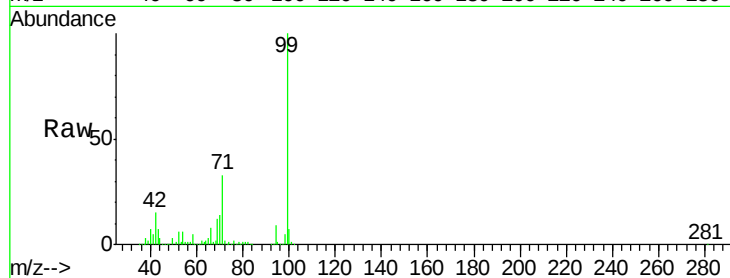
Tgt Ion: 99 Resp: 1275468

Ion Ratio Lower Upper

99 100

42 15.0 13.6 20.4

71 32.6 26.7 40.1



#8

2-Chlorophenol

Concen: 42.55 ng

RT: 6.69 min Scan# 385

Delta R.T. -0.01 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

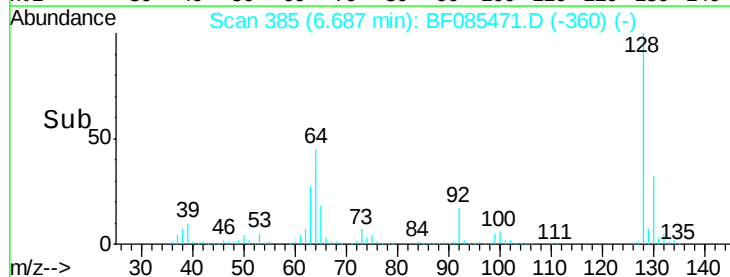
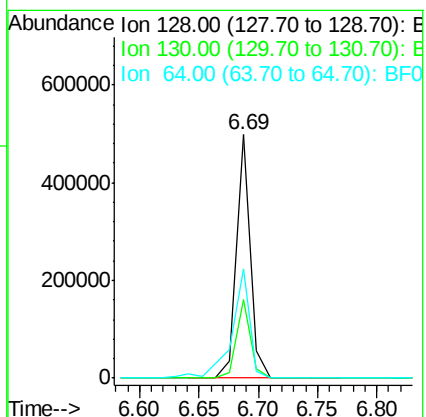
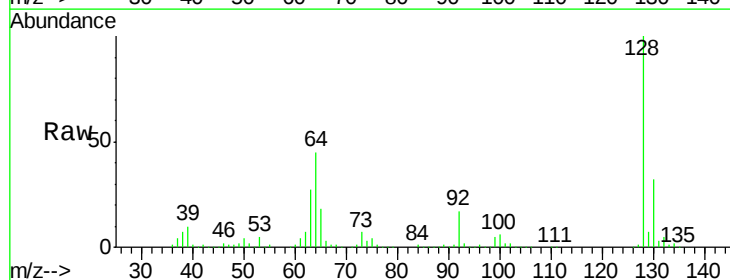
Tgt Ion: 128 Resp: 406062

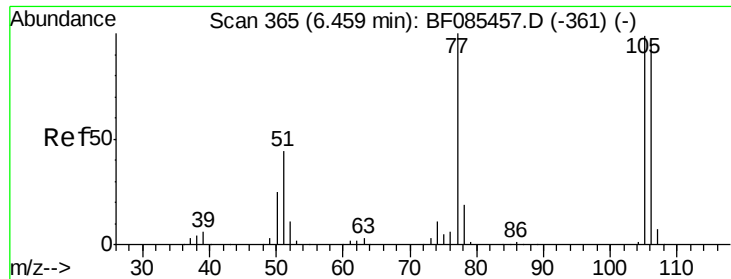
Ion Ratio Lower Upper

128 100

130 32.1 13.3 53.3

64 44.7 25.7 65.7





#9

Benzaldehyde

Concen: 14.39 ng

RT: 6.45 min Scan# 364

Delta R.T. -0.01 min

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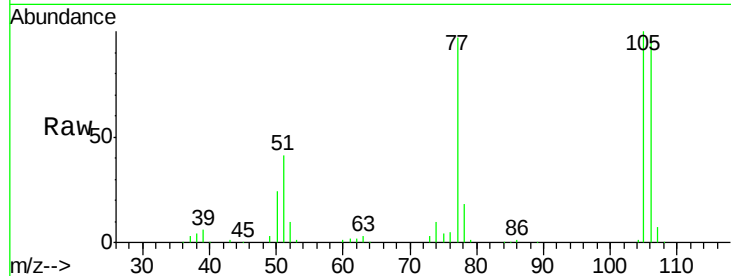
Tgt Ion: 77 Resp: 84848

Ion Ratio Lower Upper

77 100

105 103.4 78.2 118.2

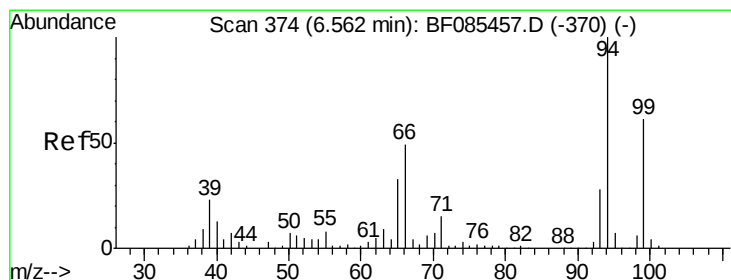
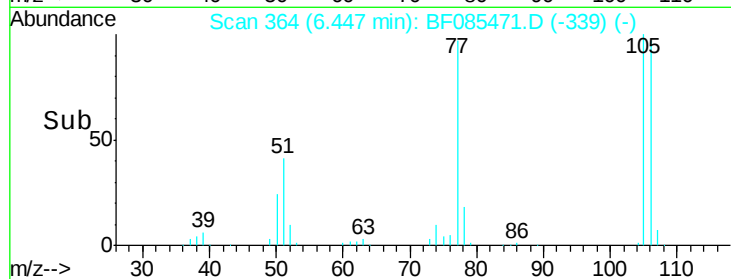
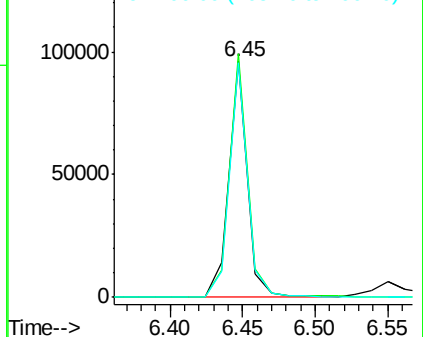
106 99.8 72.9 112.9



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 45.47 ng

RT: 6.55 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

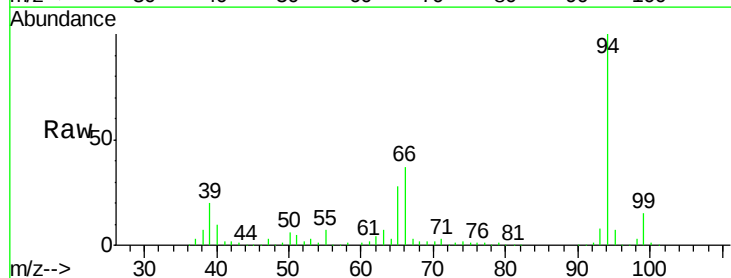
Tgt Ion: 94 Resp: 538100

Ion Ratio Lower Upper

94 100

65 27.6 9.1 49.1

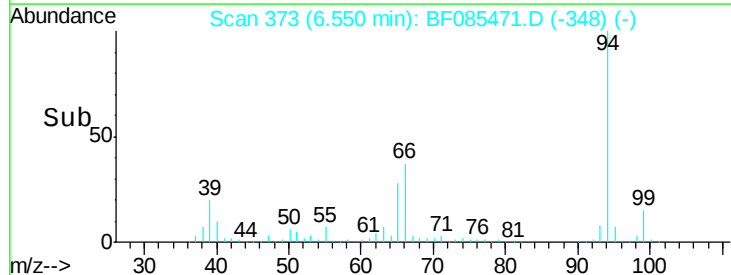
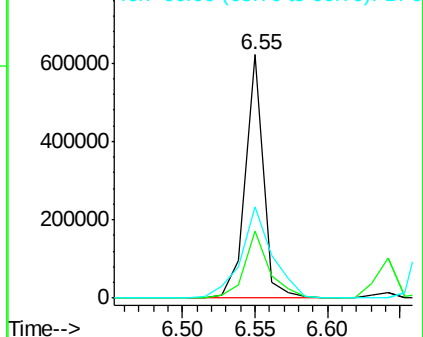
66 37.3 19.3 59.3

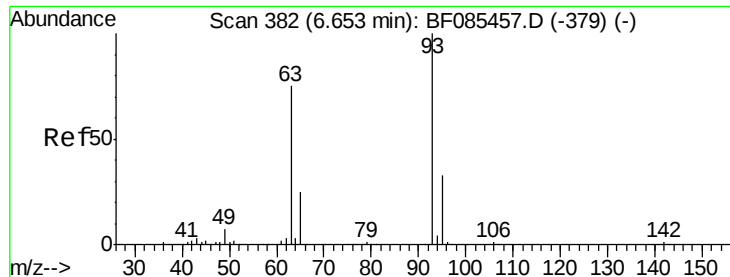


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

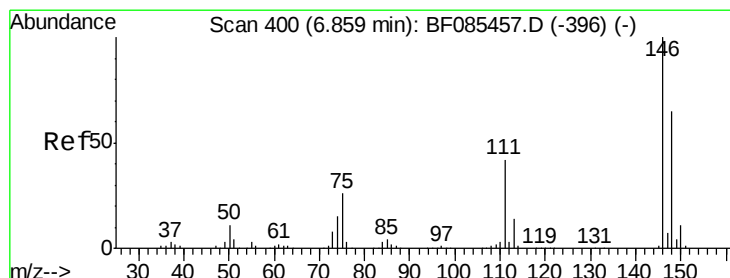
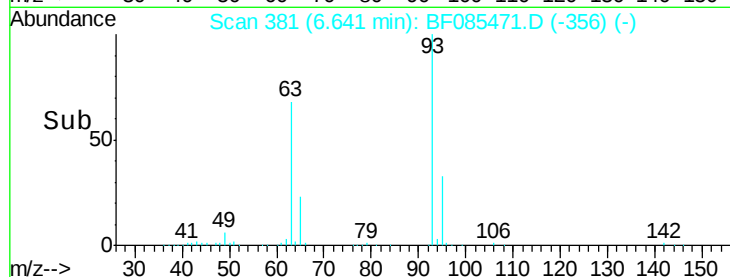
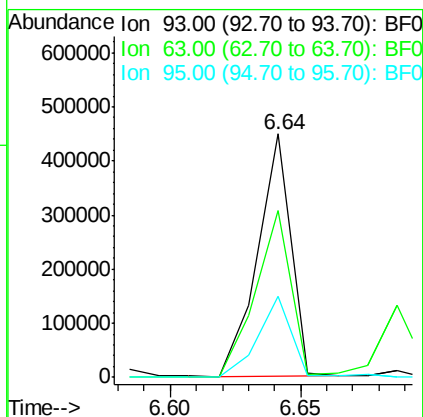
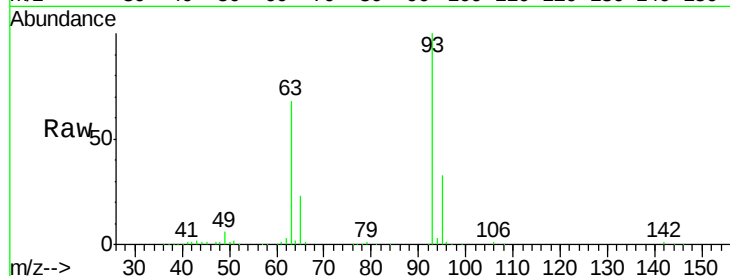




#11
bis(2-Chloroethyl)ether
Concen: 44.15 ng
RT: 6.64 min Scan# 381
Delta R.T. -0.01 min
Lab File: BF085471.D
Acq: 16 Mar 2016 19:38

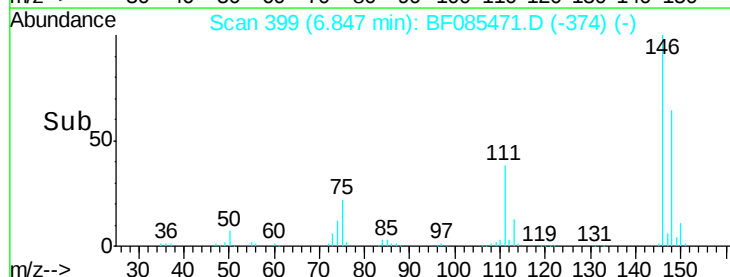
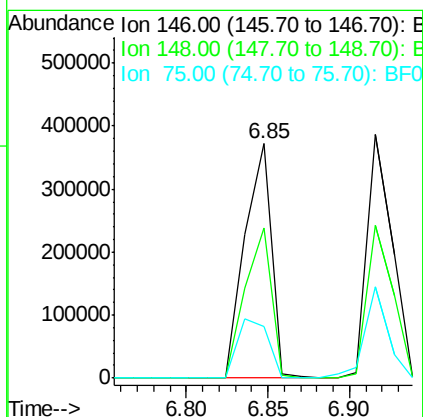
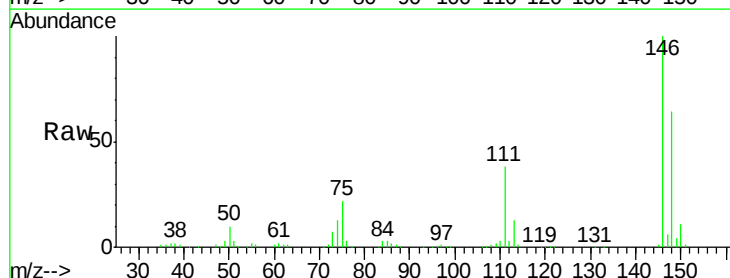
Instrument :
BNA_F
ClientSampleId :
PB88925BS

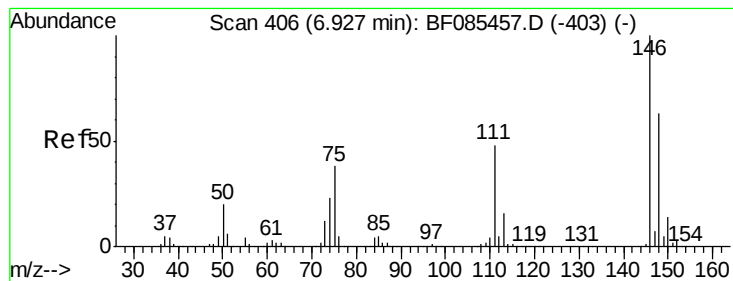
Tgt Ion:	93	Resp:	401797
Ion	Ratio	Lower	Upper
93	100		
63	68.3	50.9	90.9
95	33.4	13.7	53.7



#12
1,3-Dichlorobenzene
Concen: 39.66 ng
RT: 6.85 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF085471.D
Acq: 16 Mar 2016 19:38

Tgt Ion:	146	Resp:	419450
Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.1	78.1
75	22.3	19.5	29.3





#13

1,4-Dichlorobenzene

Concen: 38.73 ng

RT: 6.92 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

Instrument :

BNA_F

ClientSampleId :

PB88925BS

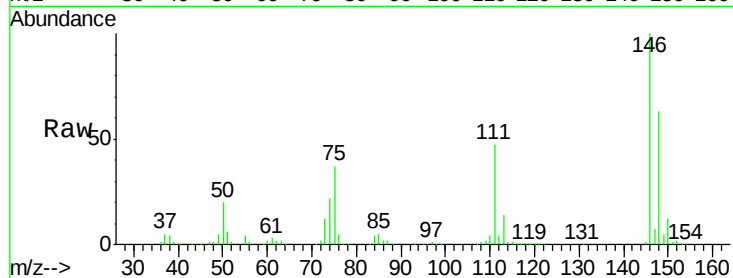
Tgt Ion:146 Resp: 410319

Ion Ratio Lower Upper

146 100

148 62.9 51.3 76.9

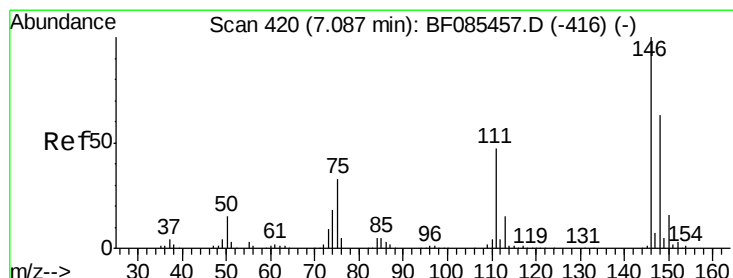
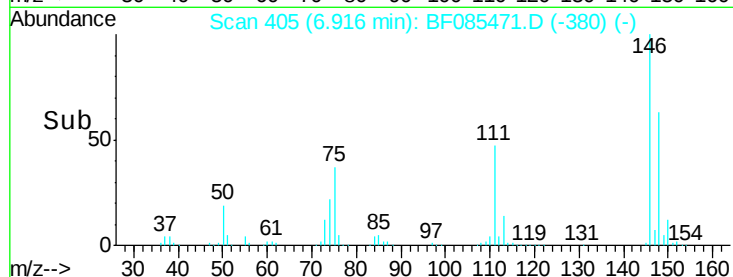
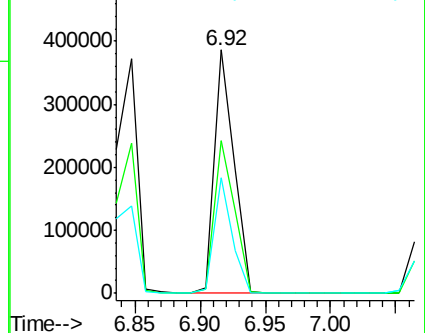
111 47.3 38.4 57.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 44.17 ng

RT: 7.08 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

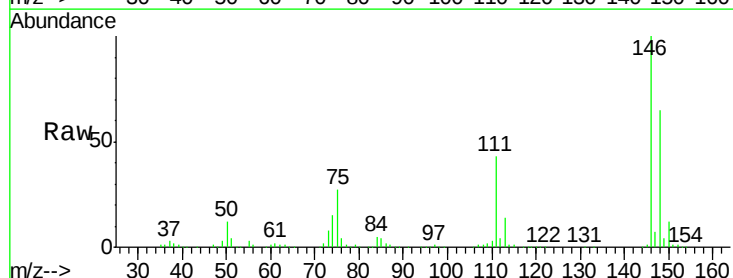
Tgt Ion:146 Resp: 410626

Ion Ratio Lower Upper

146 100

148 65.2 51.4 77.2

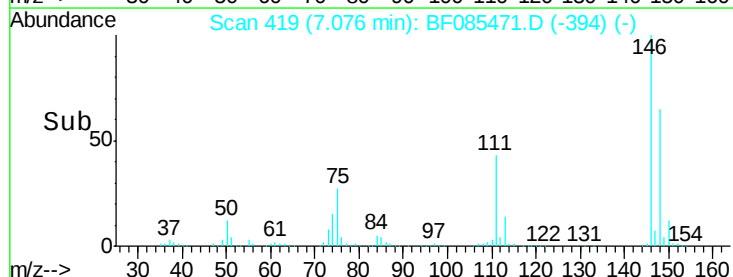
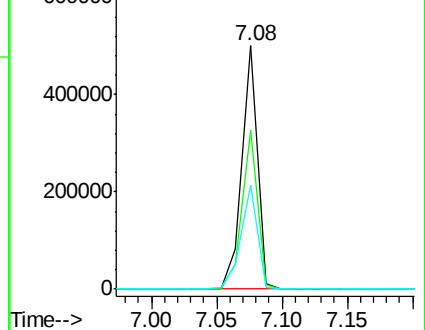
111 42.6 36.7 55.1

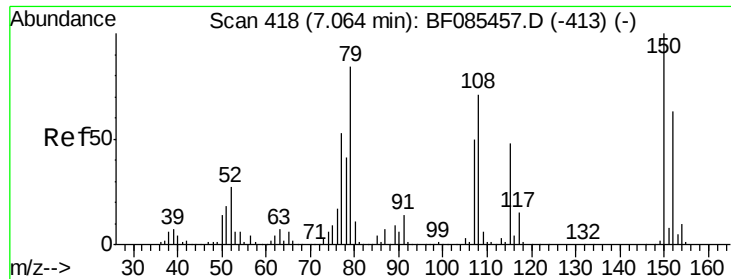


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

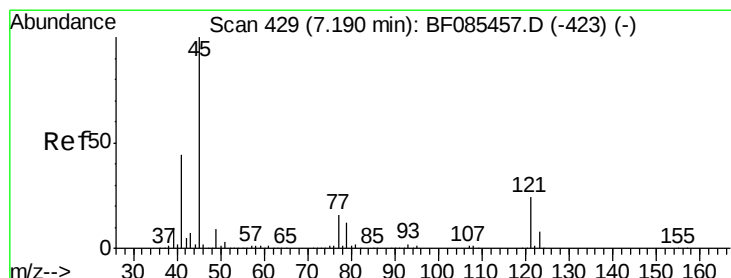
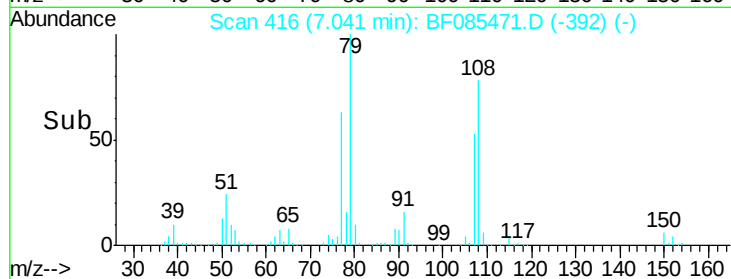
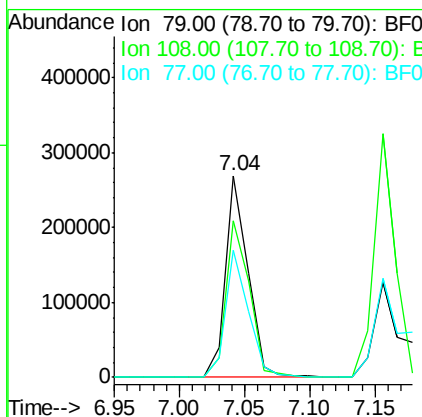
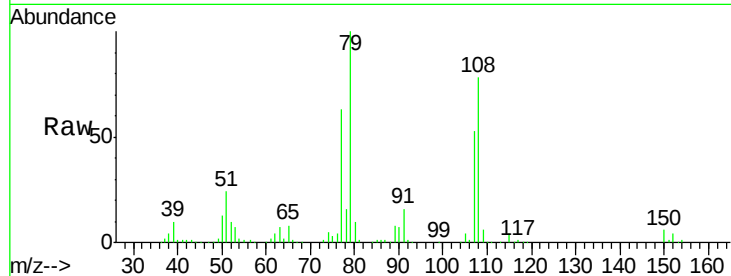




#15
Benzyl Alcohol
Concen: 43.08 ng
RT: 7.04 min Scan# 416
Delta R.T. -0.02 min
Lab File: BF085471.D
Acq: 16 Mar 2016 19:38

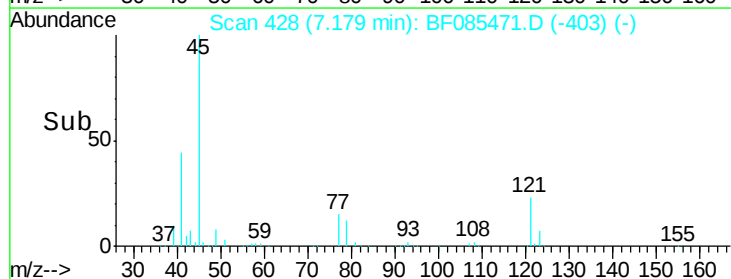
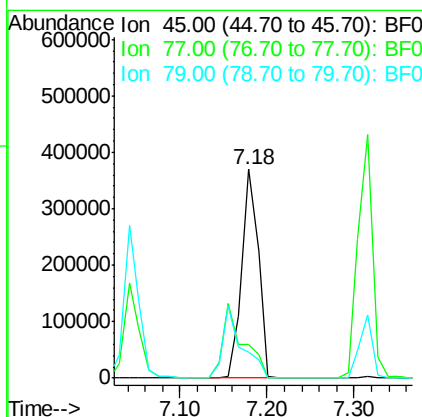
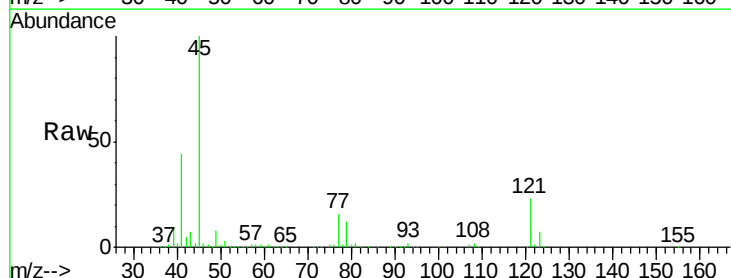
Instrument :
BNA_F
ClientSampleId :
PB88925BS

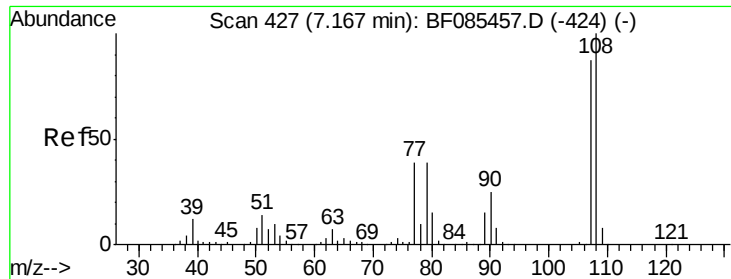
Tgt Ion: 79 Resp: 324833
Ion Ratio Lower Upper
79 100
108 77.6 62.9 94.3
77 62.9 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.63 ng
RT: 7.18 min Scan# 428
Delta R.T. -0.01 min
Lab File: BF085471.D
Acq: 16 Mar 2016 19:38

Tgt Ion: 45 Resp: 491098
Ion Ratio Lower Upper
45 100
77 16.1 0.0 35.1
79 12.4 0.0 31.3

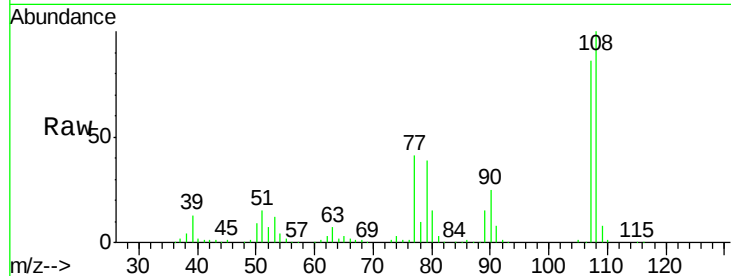




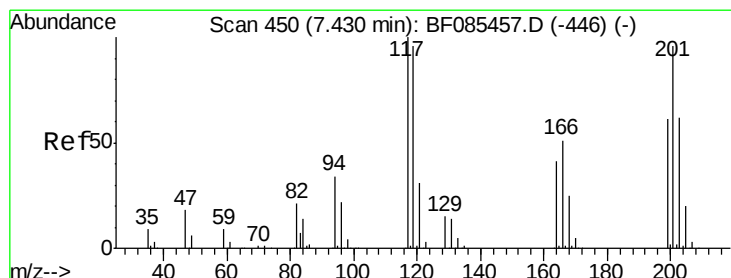
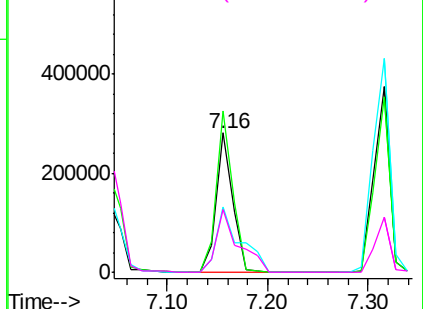
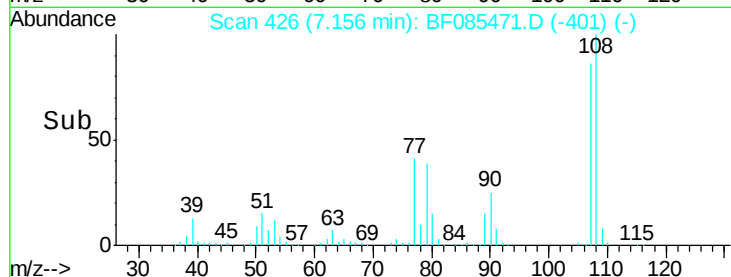
#17
2-Methylphenol
Concen: 40.14 ng
RT: 7.16 min Scan# 426
Delta R.T. -0.01 min
Lab File: BF085471.D
Acq: 16 Mar 2016 19:38

Instrument :
BNA_F
ClientSampleId :
PB88925BS

Tgt Ion:107 Resp: 320644
Ion Ratio Lower Upper
107 100
108 115.9 90.9 136.3
77 47.3 32.6 48.8
79 45.4 32.8 49.2

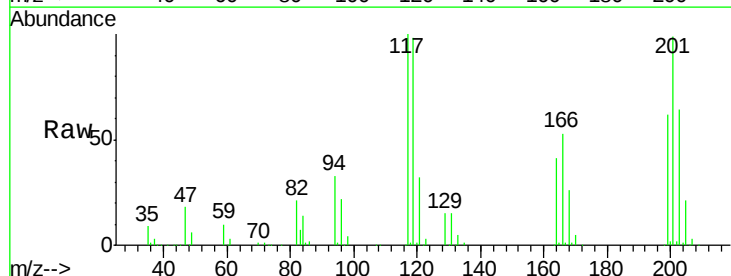


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

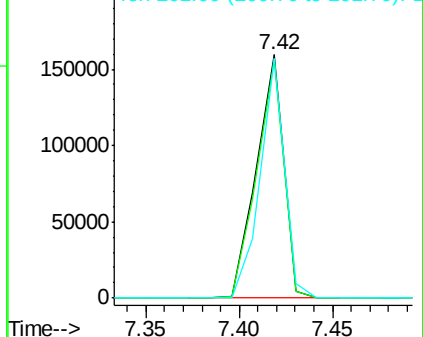
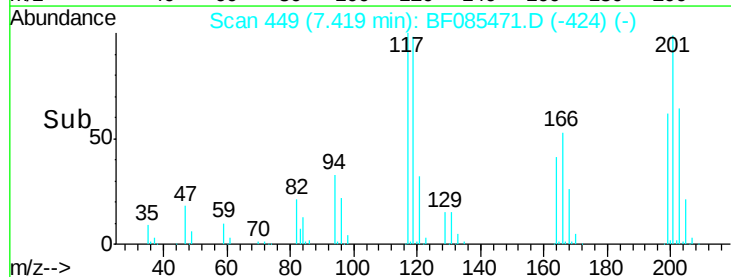


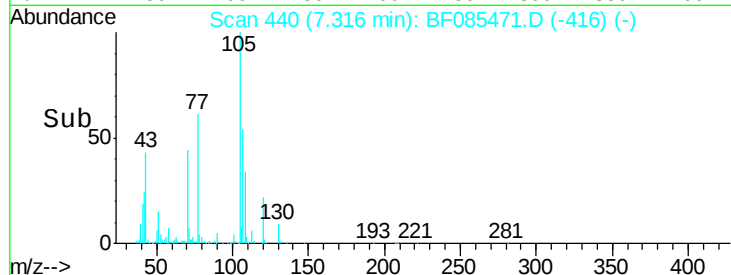
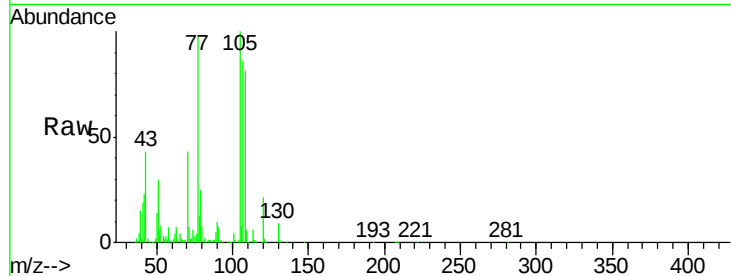
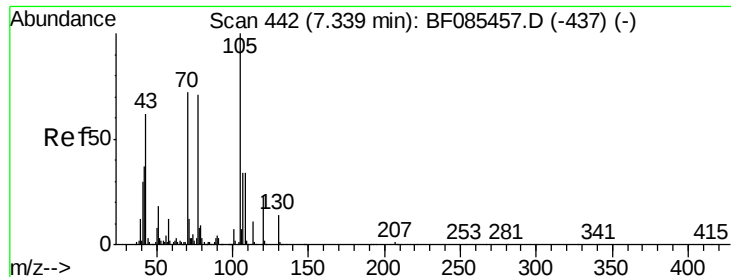
#18
Hexachloroethane
Concen: 41.33 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF085471.D
Acq: 16 Mar 2016 19:38

Tgt Ion:117 Resp: 160611
Ion Ratio Lower Upper
117 100
119 97.7 78.2 117.4
201 98.6 72.0 108.0



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

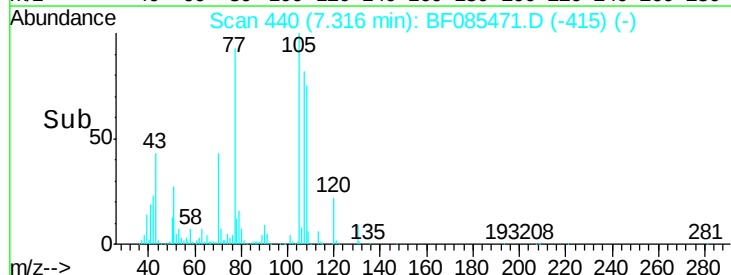
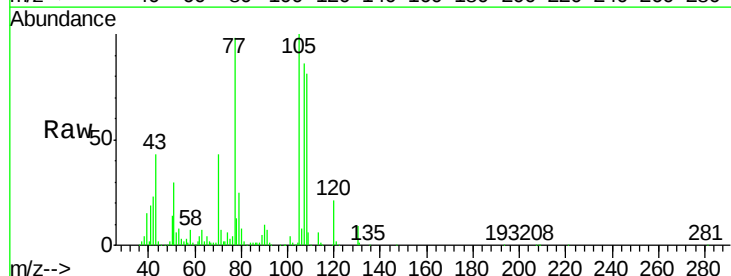
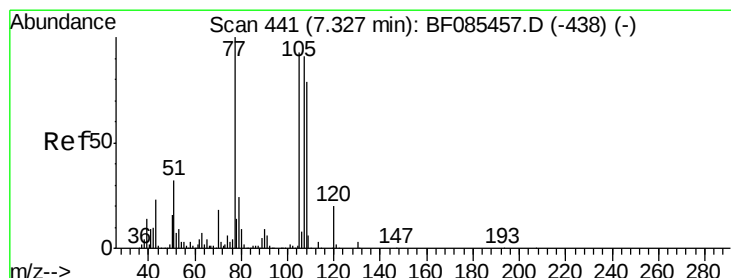
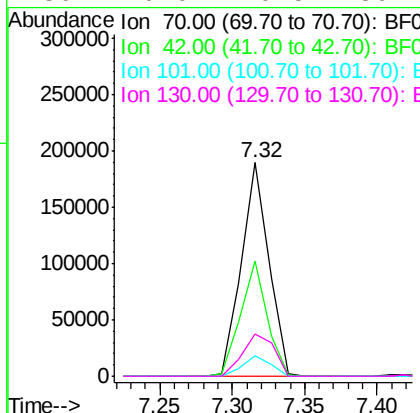




#19
n-Nitroso-di-n-propylamine
Concen: 39.31 ng
RT: 7.32 min Scan# 440
Delta R.T. -0.02 min
Lab File: BF085471.D
Acq: 16 Mar 2016 19:38

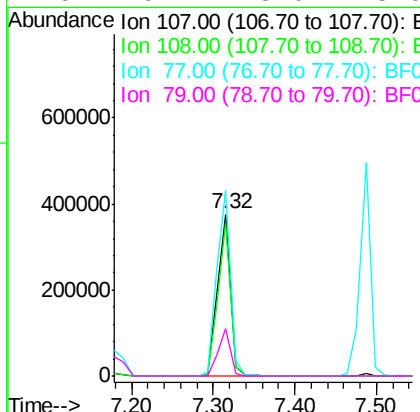
Instrument :
BNA_F
ClientSampleId :
PB88925BS

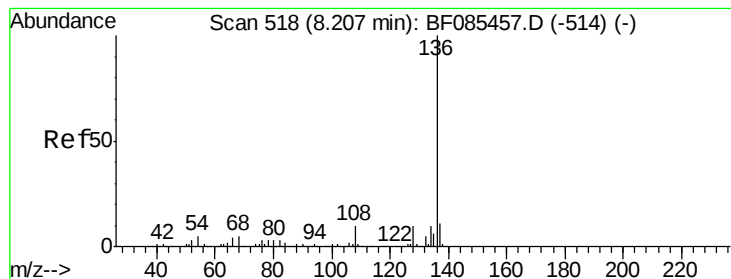
Tgt Ion: 70 Resp: 248532
Ion Ratio Lower Upper
70 100
42 53.8 37.7 56.5
101 9.6 8.2 12.4
130 20.0 20.5 30.7#



#20
3+4-Methylphenols
Concen: 47.74 ng
RT: 7.32 min Scan# 440
Delta R.T. -0.01 min
Lab File: BF085471.D
Acq: 16 Mar 2016 19:38

Tgt Ion: 107 Resp: 408877
Ion Ratio Lower Upper
107 100
108 94.3 68.8 108.8
77 114.8 53.6 93.6#
79 29.7 8.0 48.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 516

Delta R.T. -0.02 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

Instrument :

BNA_F

ClientSampleId :

PB88925BS

Tgt Ion:136 Resp: 541459

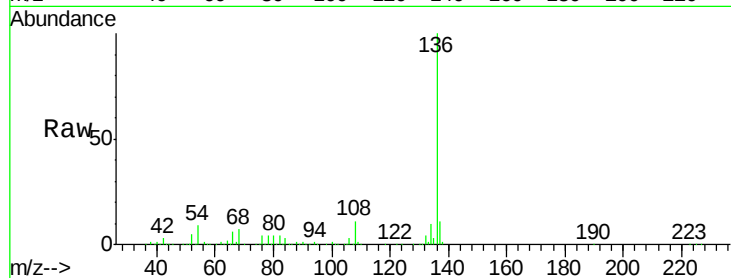
Ion Ratio Lower Upper

136 100

137 11.2 9.3 13.9

54 8.9 7.4 11.2

68 6.7 6.0 9.0

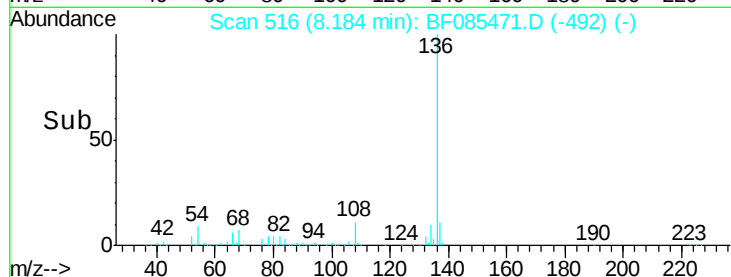


Abundance Ion 136.00 (135.70 to 136.70): E

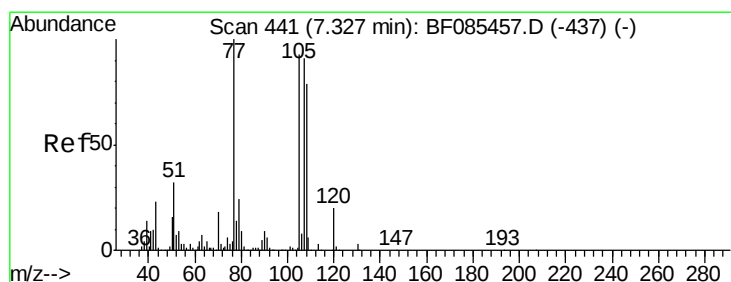
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 8.10 8.15 8.20 8.25



#22

Acetophenone

Concen: 38.28 ng

RT: 7.32 min Scan# 440

Delta R.T. -0.01 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

Tgt Ion:105 Resp: 507958

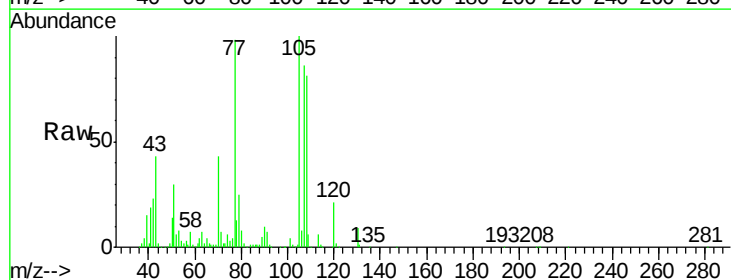
Ion Ratio Lower Upper

105 100

71 7.3 4.1 6.1#

51 30.0 21.1 31.7

120 21.4 17.3 25.9

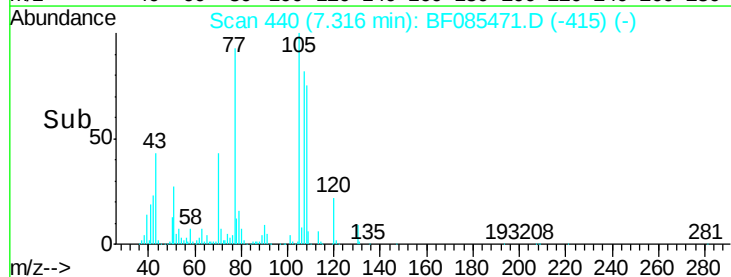


Abundance Ion 105.00 (104.70 to 105.70): E

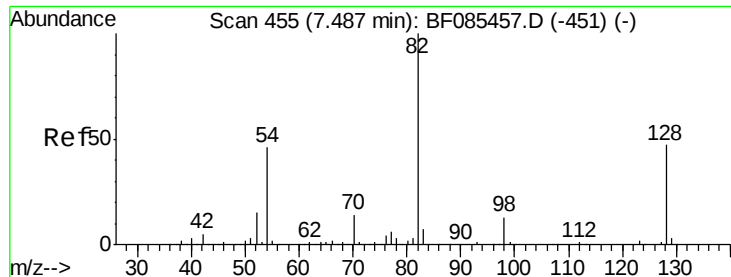
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



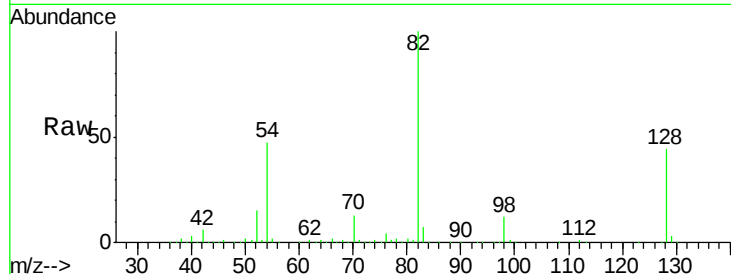
Time--> 7.20 7.30 7.40



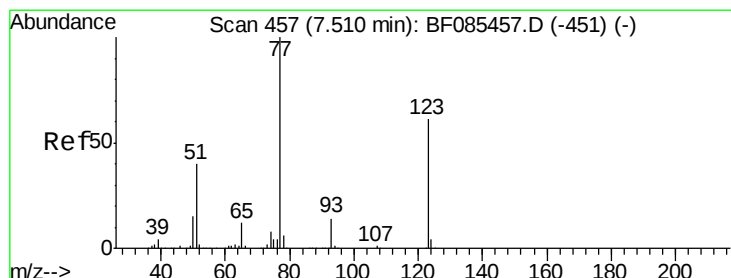
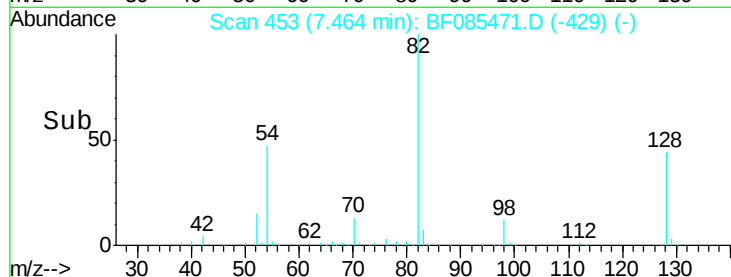
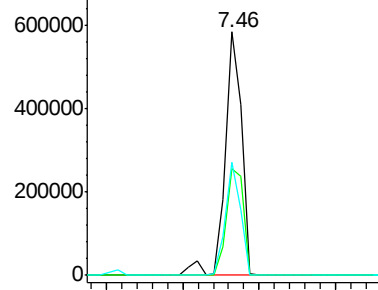
#23
 Nitrobenzene-d5
 Concen: 92.76 ng
 RT: 7.46 min Scan# 453
 Delta R.T. -0.02 min
 Lab File: BF085471.D
 Acq: 16 Mar 2016 19:38

Instrument :
 BNA_F
 ClientSampleId :
 PB88925BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.5	51.7
54	46.5	39.3	58.9

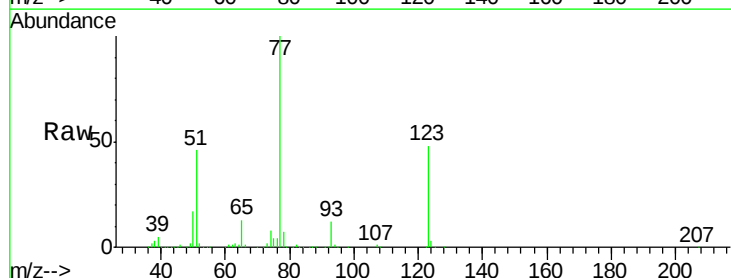


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

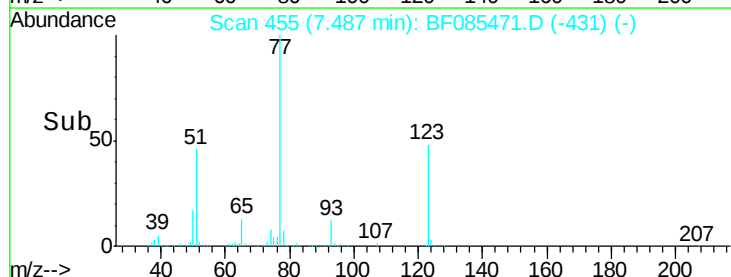
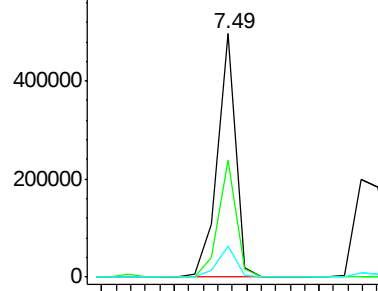


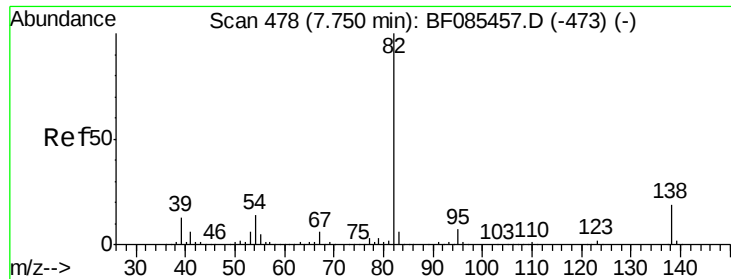
#24
 Nitrobenzene
 Concen: 42.20 ng
 RT: 7.49 min Scan# 455
 Delta R.T. -0.02 min
 Lab File: BF085471.D
 Acq: 16 Mar 2016 19:38

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.8	35.4	53.2
65	12.8	10.6	16.0



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 41.80 ng

RT: 7.73 min Scan# 476

Delta R.T. -0.02 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

Instrument :

BNA_F

ClientSampleId :

PB88925BS

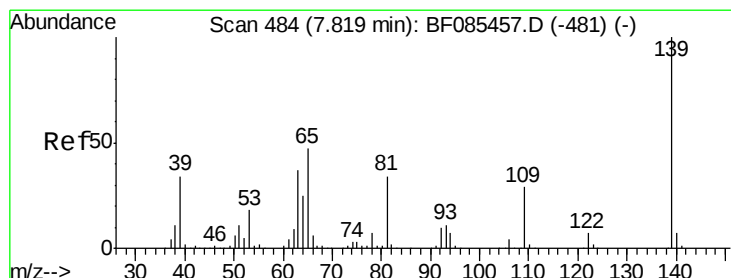
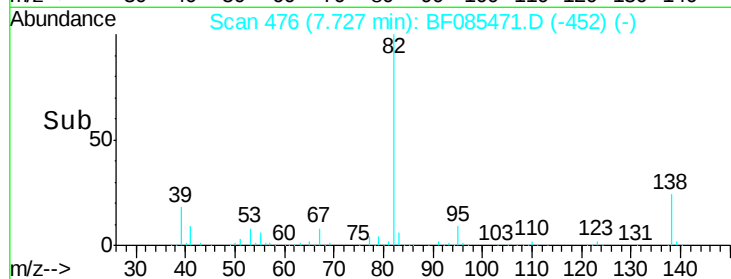
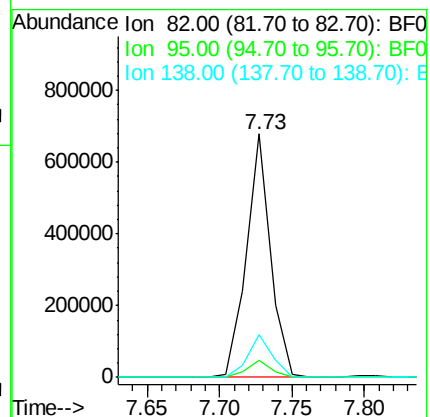
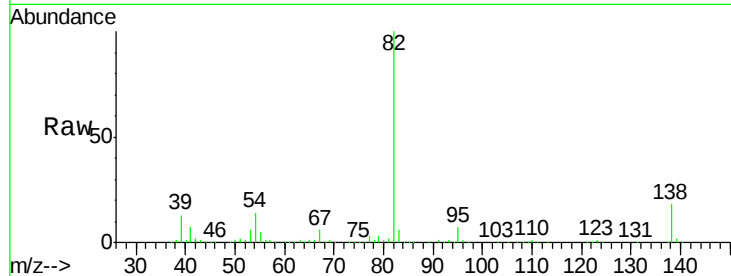
Tgt Ion: 82 Resp: 780605

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

138 17.6 13.3 19.9



#26

2-Nitrophenol

Concen: 47.26 ng

RT: 7.81 min Scan# 483

Delta R.T. -0.01 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

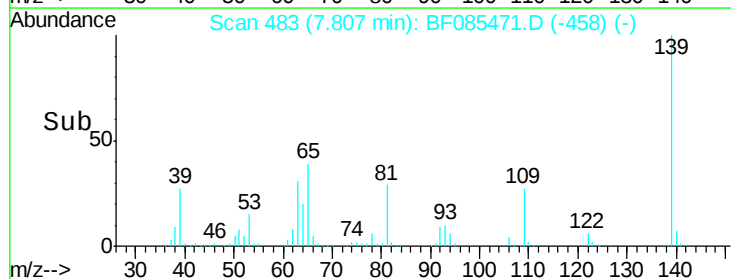
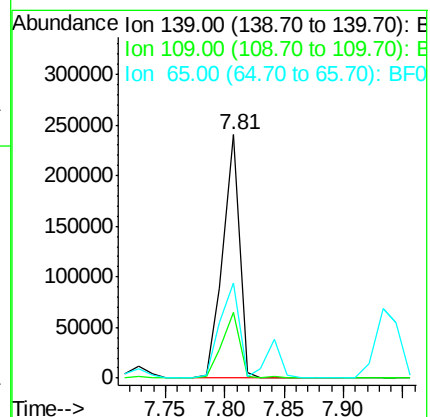
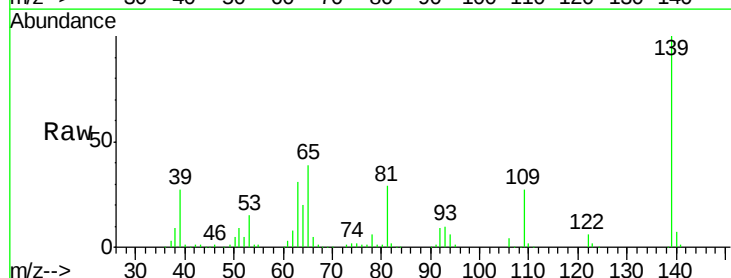
Tgt Ion: 139 Resp: 233612

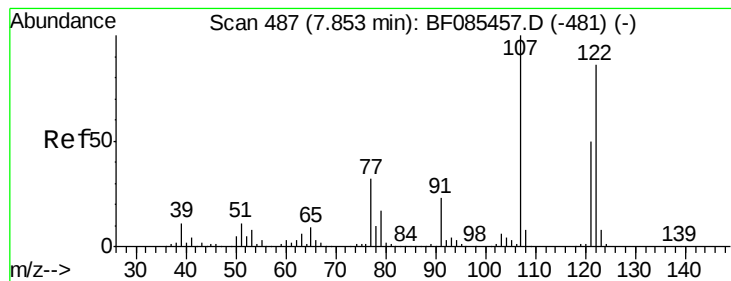
Ion Ratio Lower Upper

139 100

109 27.1 19.1 28.7

65 39.0 23.9 35.9#





#27

2,4-Dimethylphenol

Concen: 43.19 ng

RT: 7.84 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

Instrument :

BNA_F

ClientSampleID :

PB88925BS

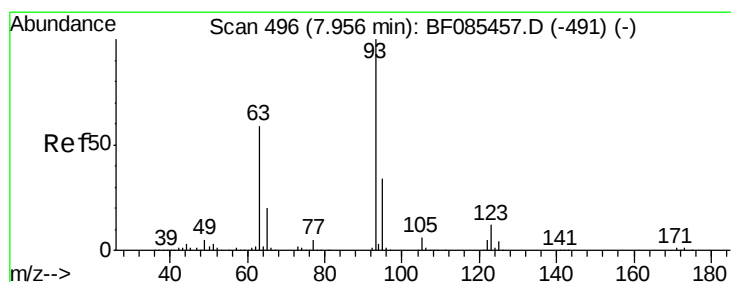
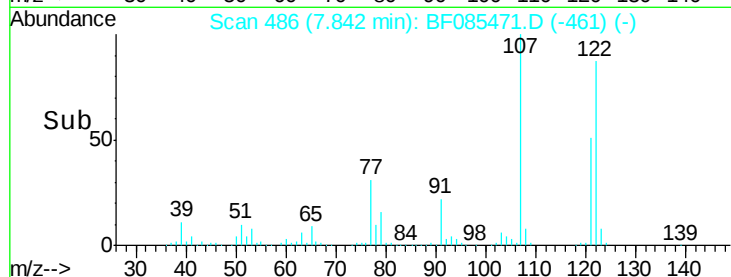
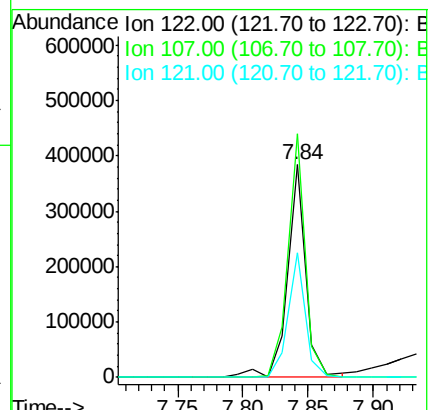
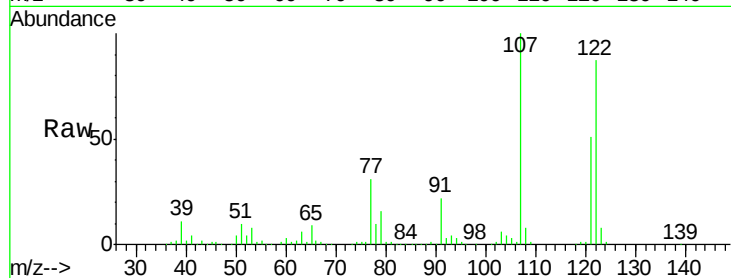
Tgt Ion:122 Resp: 379733

Ion Ratio Lower Upper

122 100

107 114.5 84.8 127.2

121 58.4 47.0 70.6



#28

bis(2-Chloroethoxy)methane

Concen: 42.45 ng

RT: 7.94 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

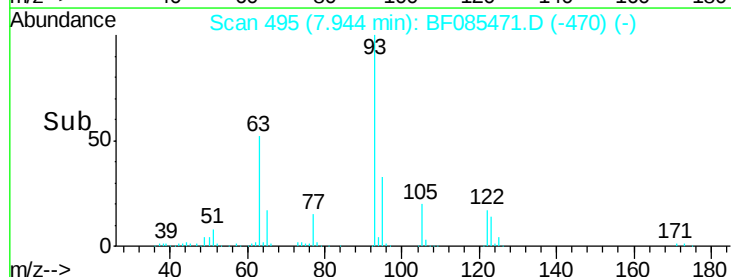
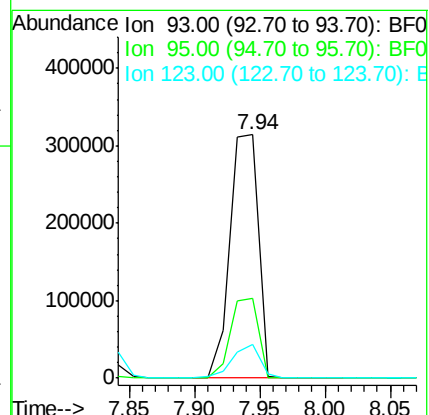
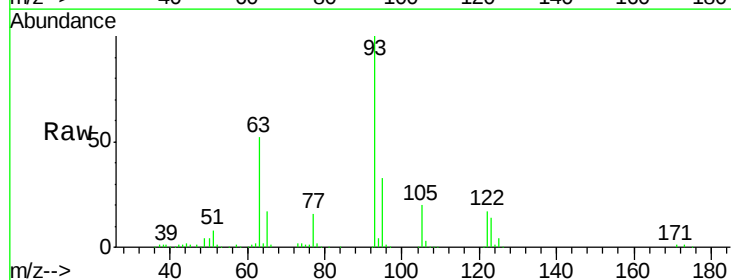
Tgt Ion: 93 Resp: 473959

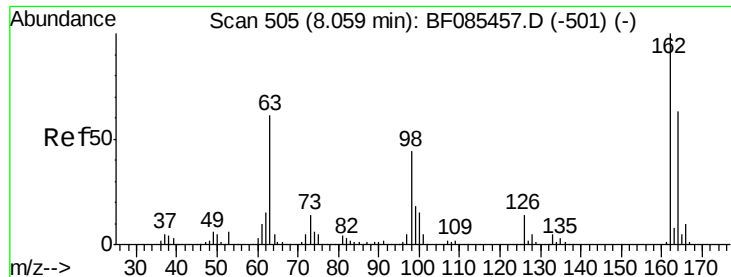
Ion Ratio Lower Upper

93 100

95 33.0 25.9 38.9

123 13.8 8.8 13.2#

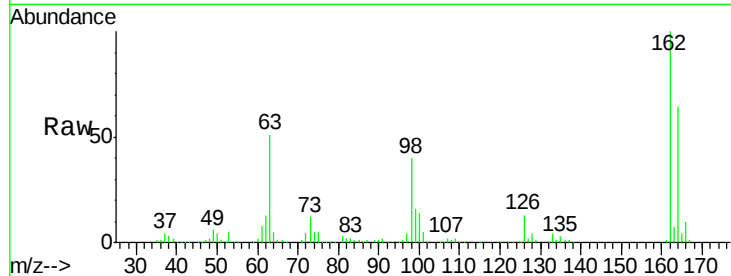




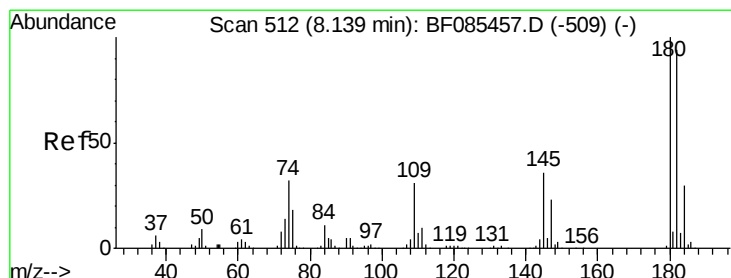
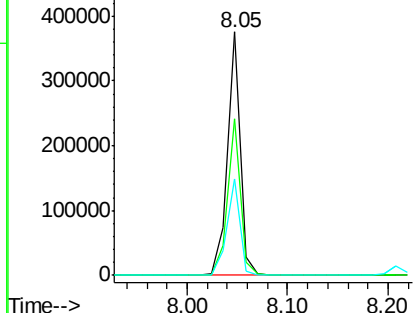
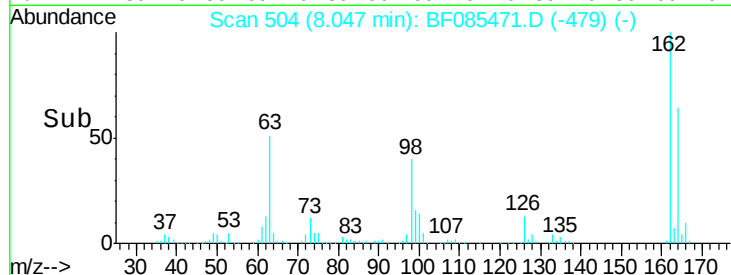
#29
 2,4-Dichlorophenol
 Concen: 46.85 ng
 RT: 8.05 min Scan# 504
 Delta R.T. -0.01 min
 Lab File: BF085471.D
 Acq: 16 Mar 2016 19:38

Instrument :
 BNA_F
 ClientSampleId :
 PB88925BS

Tgt Ion:162 Resp: 334184
 Ion Ratio Lower Upper
 162 100
 164 64.3 45.7 85.7
 98 39.8 9.4 49.4

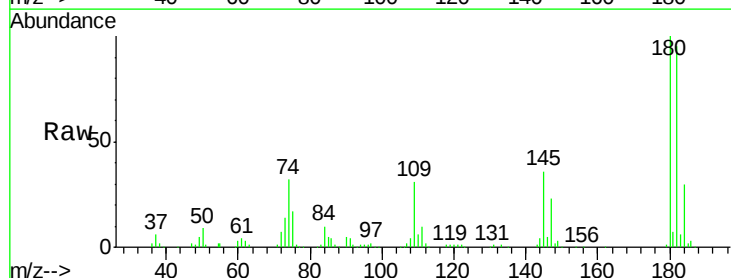


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

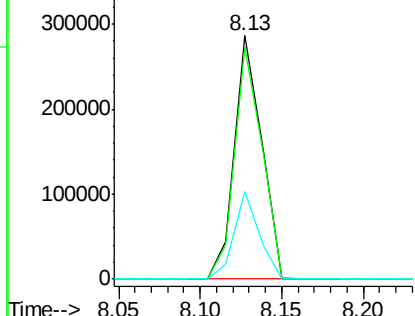
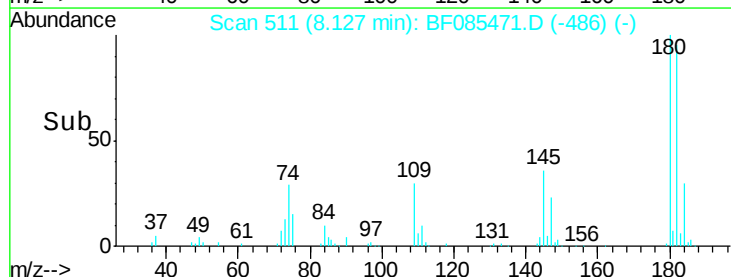


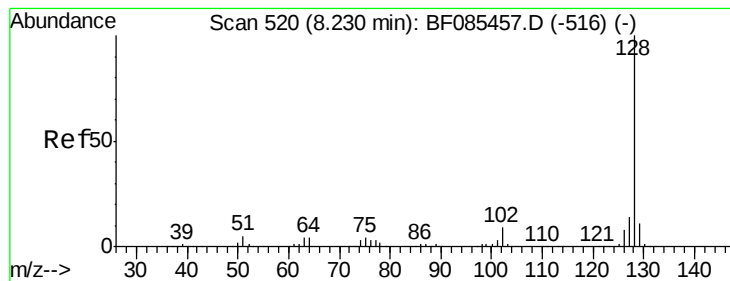
#30
 1,2,4-Trichlorobenzene
 Concen: 39.86 ng
 RT: 8.13 min Scan# 511
 Delta R.T. -0.01 min
 Lab File: BF085471.D
 Acq: 16 Mar 2016 19:38

Tgt Ion:180 Resp: 328511
 Ion Ratio Lower Upper
 180 100
 182 95.1 74.9 112.3
 145 35.9 27.9 41.9



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





#31

Naphthalene

Concen: 41.56 ng

RT: 8.21 min Scan# 518

Delta R.T. -0.02 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

Instrument :

BNA_F

ClientSampleId :

PB88925BS

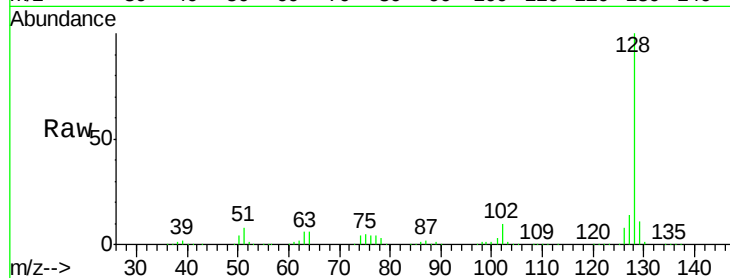
Tgt Ion:128 Resp: 1099470

Ion Ratio Lower Upper

128 100

129 11.4 9.7 14.5

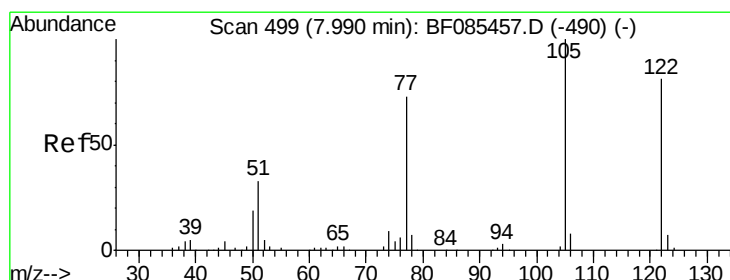
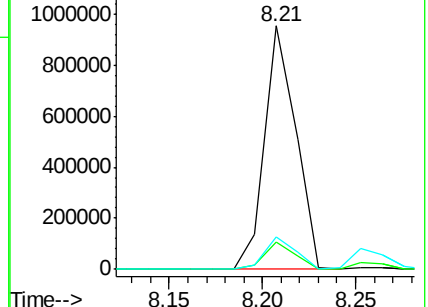
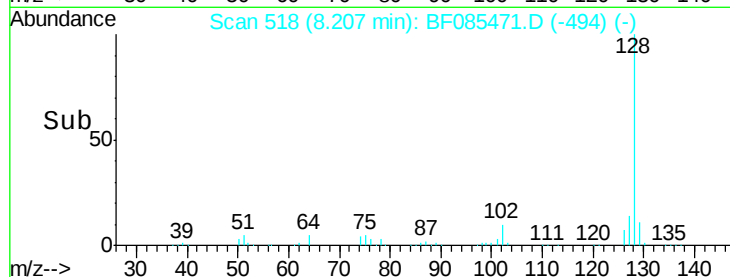
127 13.5 11.2 16.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.18 ng

RT: 7.96 min Scan# 496

Delta R.T. -0.03 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

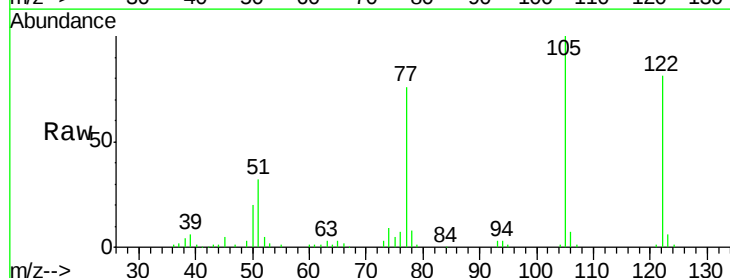
Tgt Ion:122 Resp: 182933

Ion Ratio Lower Upper

122 100

105 123.2 101.3 141.3

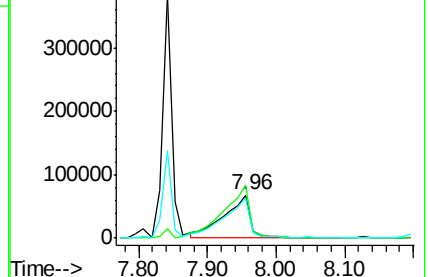
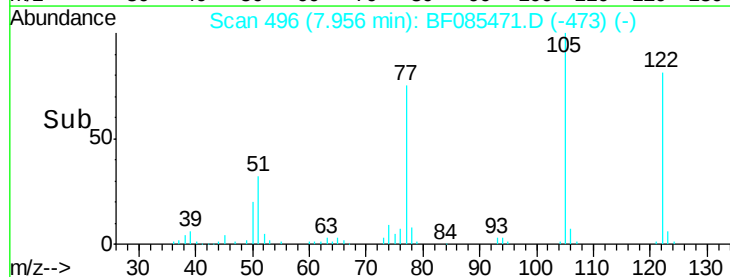
77 93.1 74.7 114.7

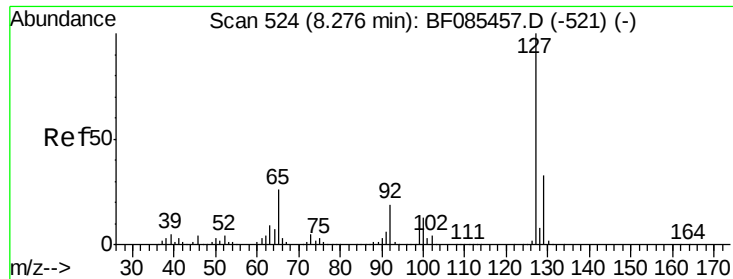


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

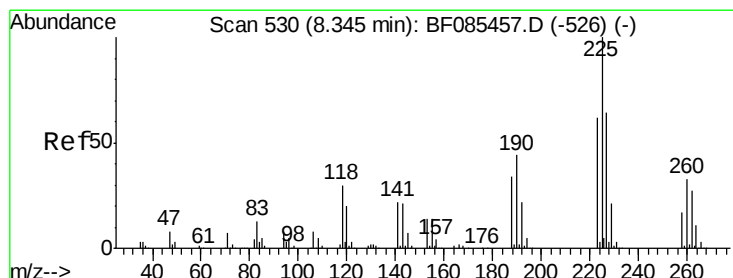
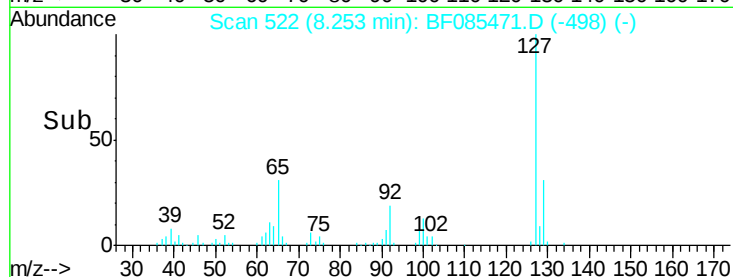
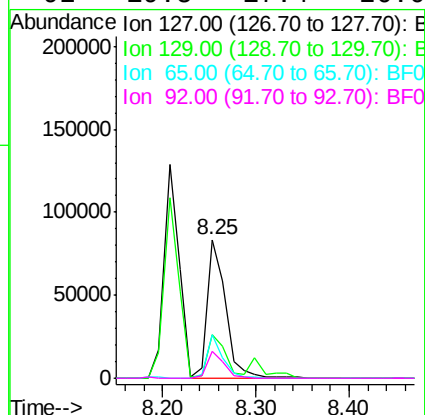
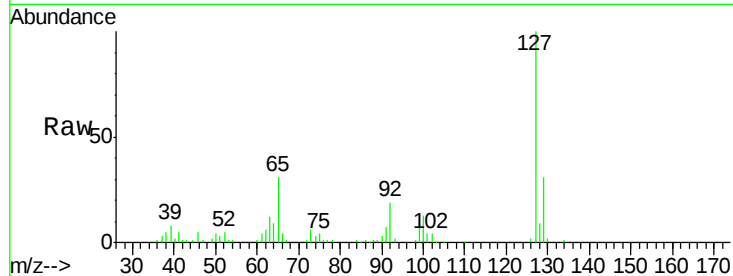




#33
4-Chloroaniline
Concen: 10.17 ng
RT: 8.25 min Scan# 522
Delta R.T. -0.02 min
Lab File: BF085471.D
Acq: 16 Mar 2016 19:38

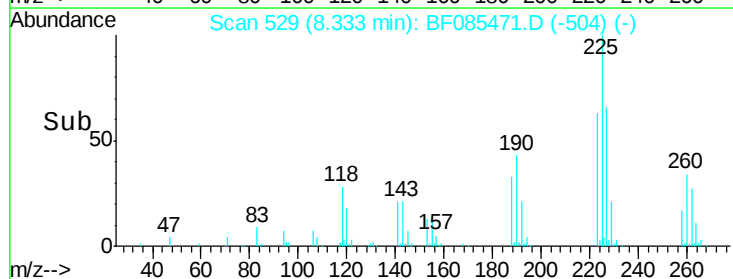
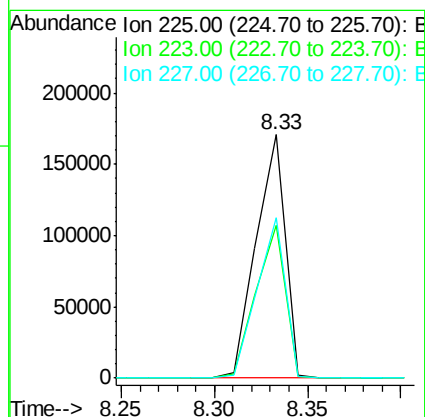
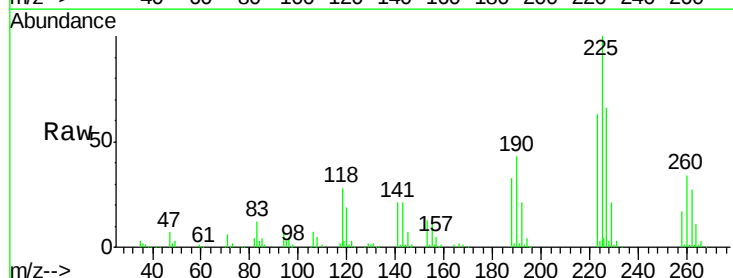
Instrument :
BNA_F
ClientSampleId :
PB88925BS

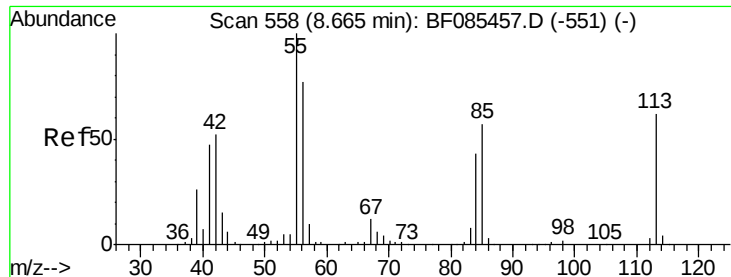
Tgt Ion:	127	Resp:	115721
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.1	39.1
65	31.1	27.0	40.6
92	19.5	17.4	26.0



#34
Hexachlorobutadiene
Concen: 42.65 ng
RT: 8.33 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF085471.D
Acq: 16 Mar 2016 19:38

Tgt Ion:	225	Resp:	183737
Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.7	74.5
227	65.7	52.2	78.4





#35

Caprolactam

Concen: 16.94 ng

RT: 8.66 min Scan# 558

Delta R.T. -0.00 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

Instrument :

BNA_F

ClientSampleId :

PB88925BS

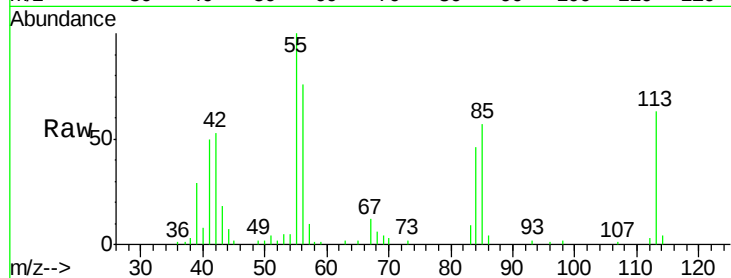
Tgt Ion:113 Resp: 39457

Ion Ratio Lower Upper

113 100

55 157.8 152.7 192.7

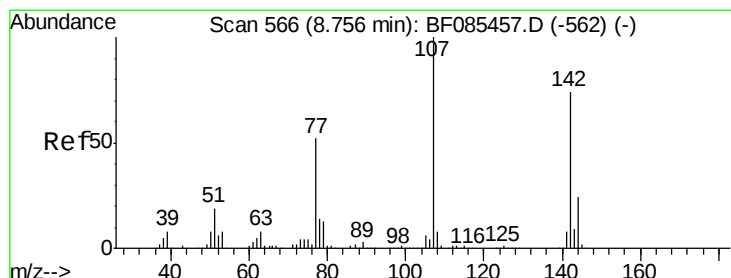
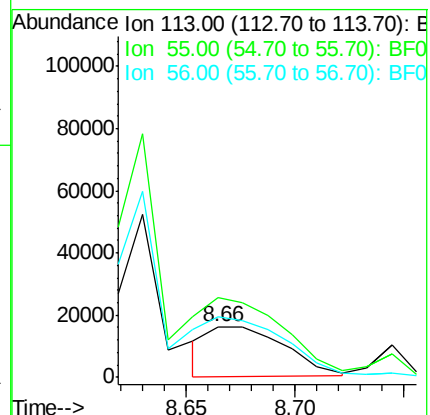
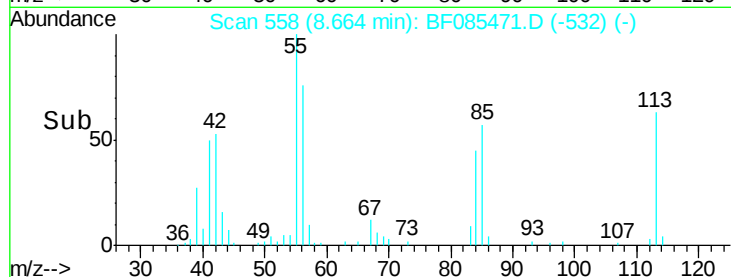
56 119.4 109.0 149.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 43.99 ng

RT: 8.74 min Scan# 565

Delta R.T. -0.01 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

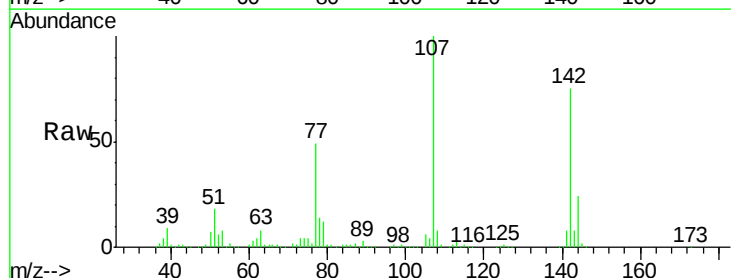
Tgt Ion:107 Resp: 358264

Ion Ratio Lower Upper

107 100

144 24.1 19.4 29.2

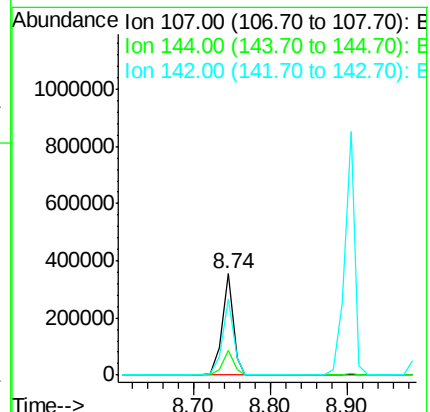
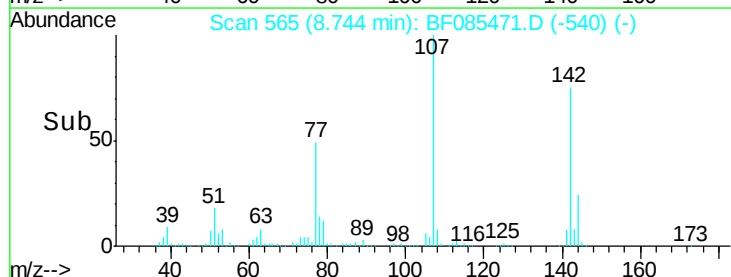
142 75.0 59.4 89.2

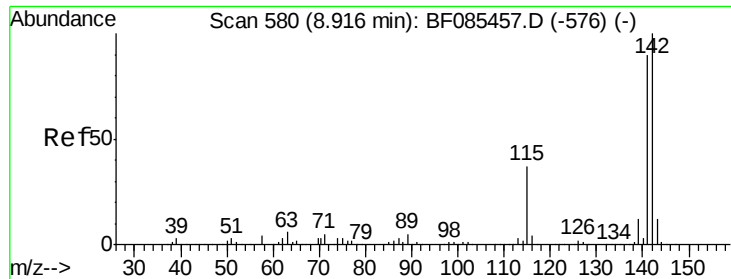


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

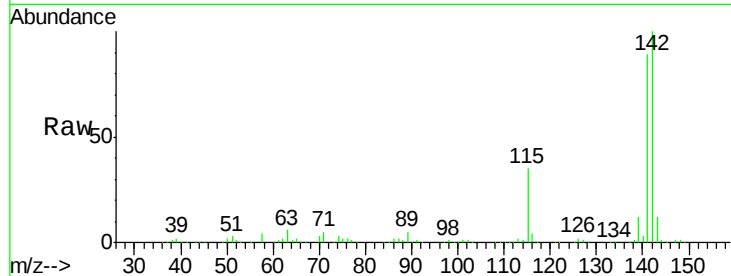




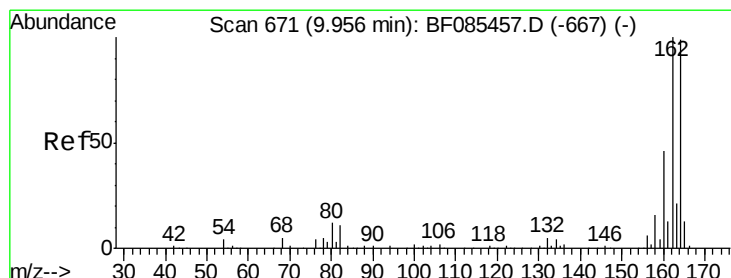
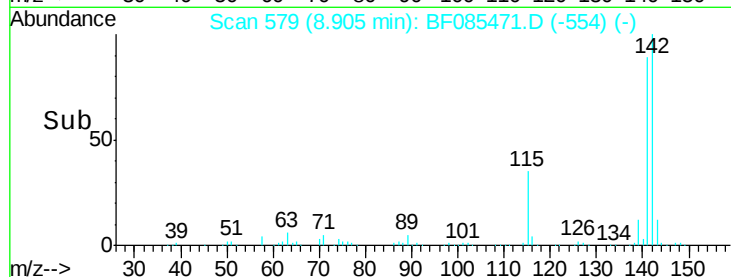
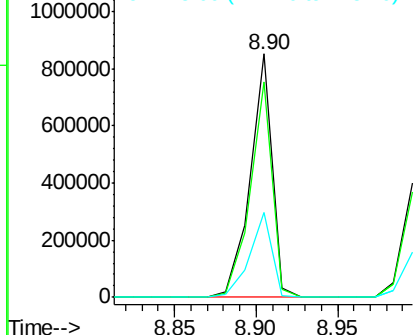
#37
 2-Methylnaphthalene
 Concen: 47.51 ng
 RT: 8.90 min Scan# 579
 Delta R.T. -0.01 min
 Lab File: BF085471.D
 Acq: 16 Mar 2016 19:38

Instrument :
 BNA_F
 ClientSampled :
 PB88925BS

Tgt Ion:142 Resp: 795988
 Ion Ratio Lower Upper
 142 100
 141 88.7 71.7 107.5
 115 35.1 26.2 39.4

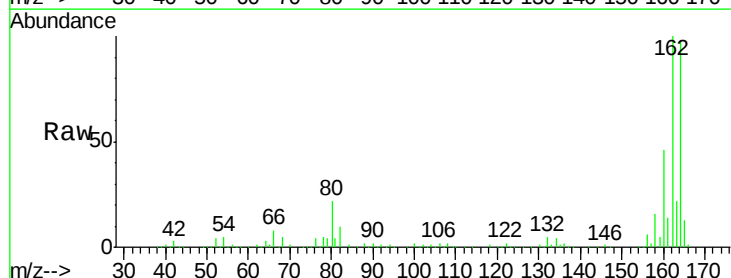


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

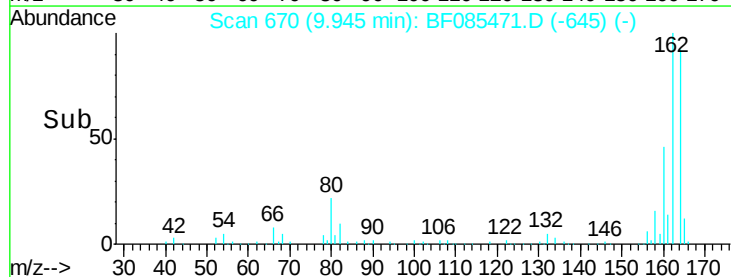
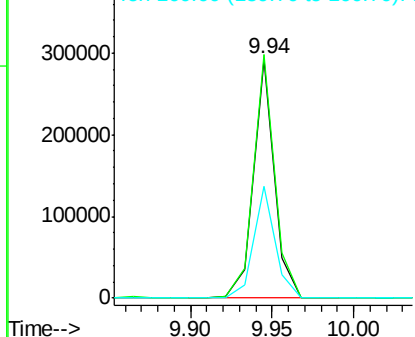


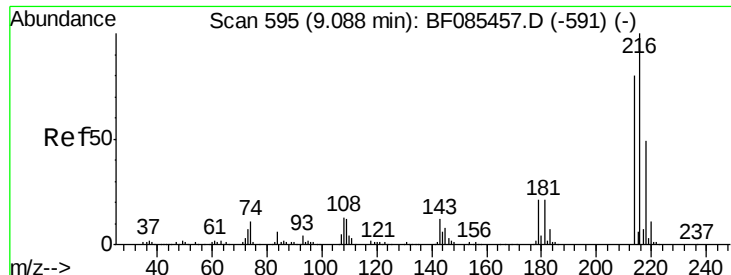
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF085471.D
 Acq: 16 Mar 2016 19:38

Tgt Ion:164 Resp: 260498
 Ion Ratio Lower Upper
 164 100
 162 101.9 83.3 124.9
 160 47.0 37.9 56.9



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

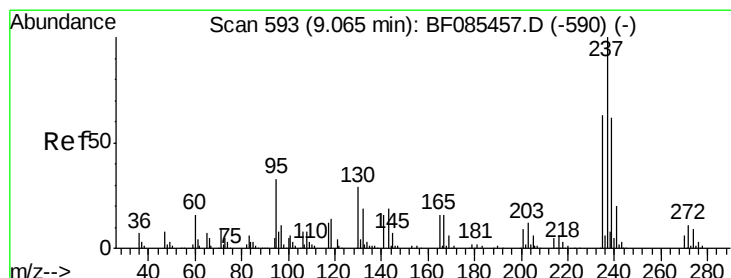
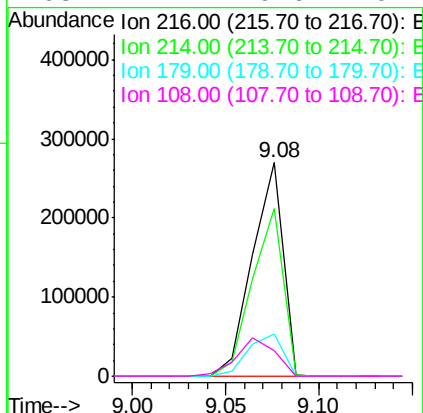
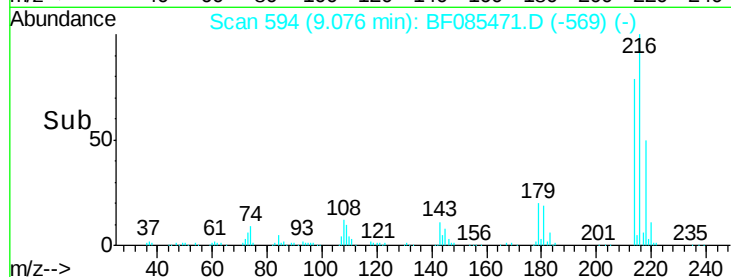
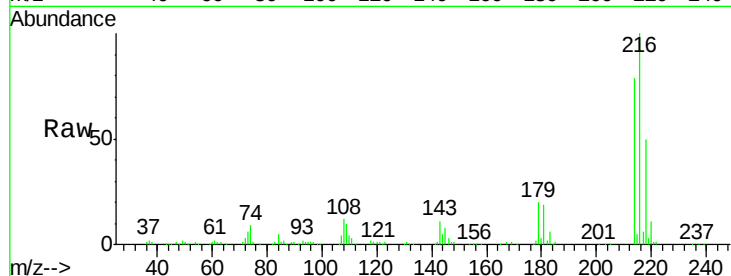




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.84 ng
 RT: 9.08 min Scan# 594
 Delta R.T. -0.01 min
 Lab File: BF085471.D
 Acq: 16 Mar 2016 19:38

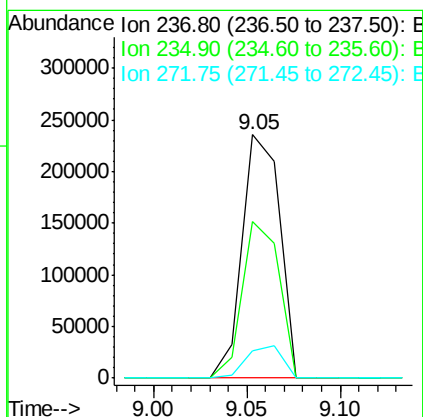
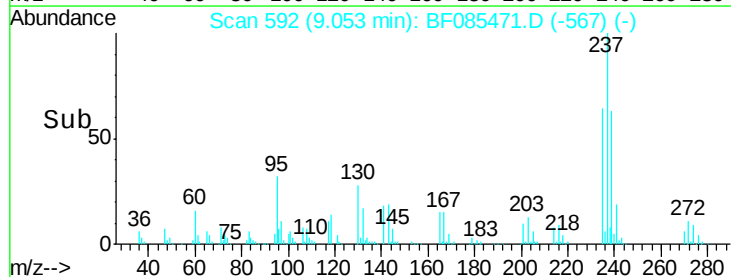
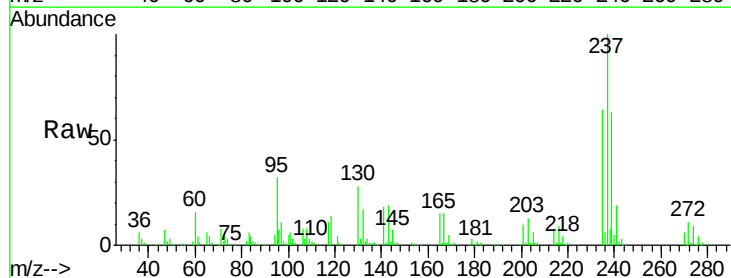
Instrument :
 BNA_F
 ClientSampleId :
 PB88925BS

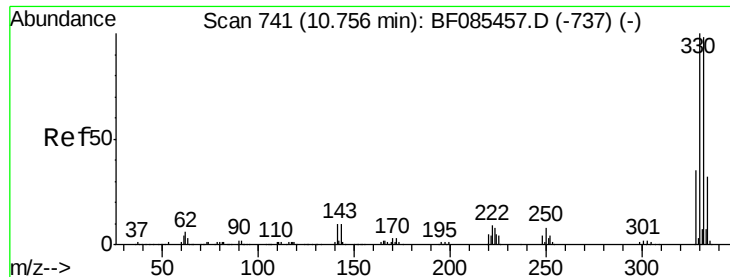
Tgt Ion:	216	Resp:	306586
Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.8	95.6
179	22.6	19.6	29.4
108	22.7	19.6	29.4



#40
 Hexachlorocyclopentadiene
 Concen: 83.78 ng
 RT: 9.05 min Scan# 592
 Delta R.T. -0.01 min
 Lab File: BF085471.D
 Acq: 16 Mar 2016 19:38

Tgt Ion:	237	Resp:	328051
Ion	Ratio	Lower	Upper
237	100		
235	64.3	43.7	83.7
272	11.3	0.0	31.5

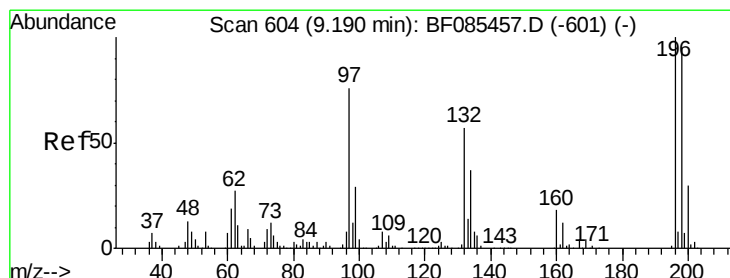
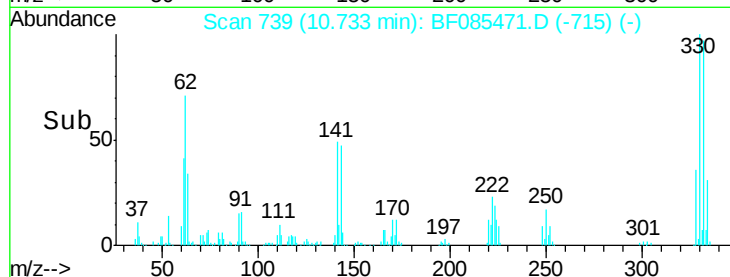
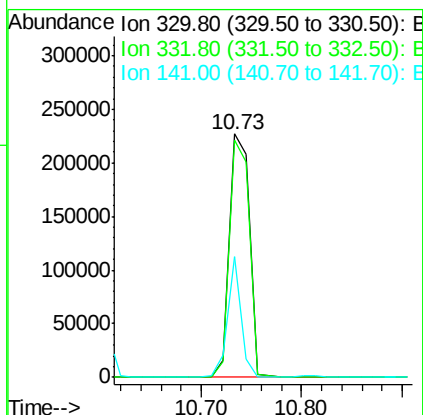
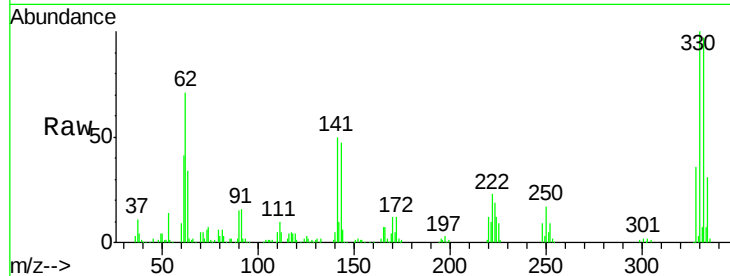




#41
 2,4,6-Tribromophenol
 Concen: 130.92 ng
 RT: 10.73 min Scan# 739
 Delta R.T. -0.02 min
 Lab File: BF085471.D
 Acq: 16 Mar 2016 19:38

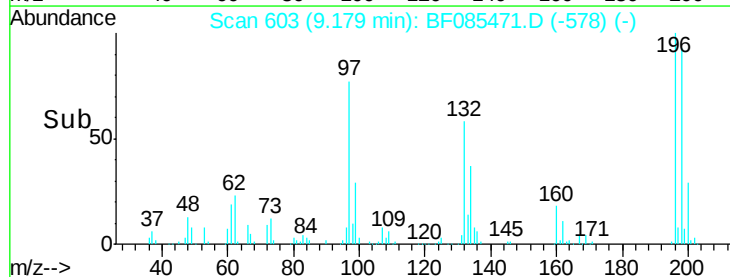
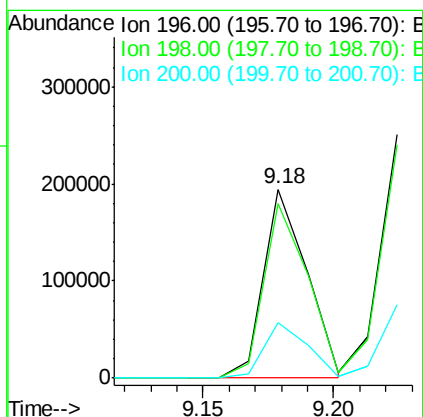
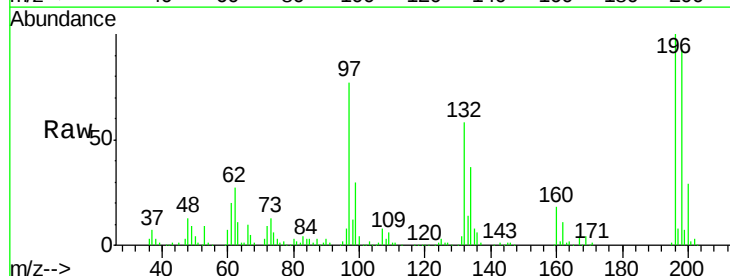
Instrument :
 BNA_F
 ClientSampleId :
 PB88925BS

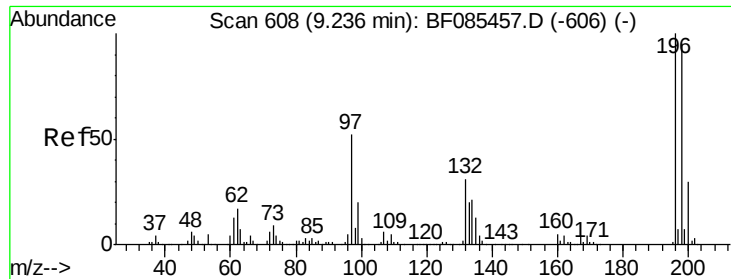
Tgt Ion:330 Resp: 314121
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.1 115.7
 141 33.7 35.0 52.6#



#42
 2,4,6-Trichlorophenol
 Concen: 41.45 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF085471.D
 Acq: 16 Mar 2016 19:38

Tgt Ion:196 Resp: 221776
 Ion Ratio Lower Upper
 196 100
 198 92.5 77.8 116.6
 200 29.2 25.0 37.6

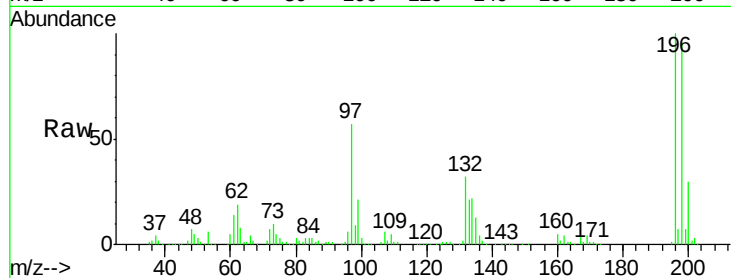




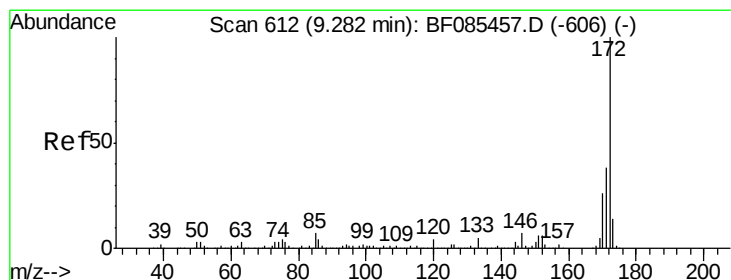
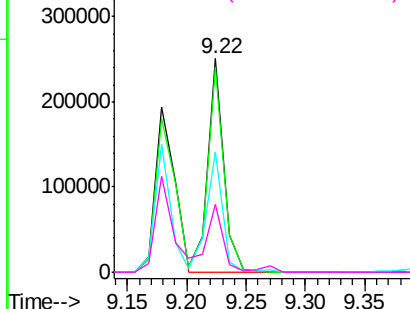
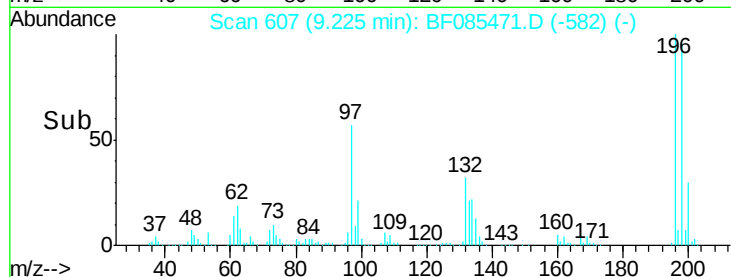
#43
 2,4,5-Trichlorophenol
 Concen: 43.41 ng
 RT: 9.22 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF085471.D
 Acq: 16 Mar 2016 19:38

Instrument :
 BNA_F
 ClientSampleId :
 PB88925BS

Tgt Ion:196 Resp: 234639
 Ion Ratio Lower Upper
 196 100
 198 95.8 75.7 113.5
 97 56.5 46.4 69.6
 132 31.7 26.2 39.4

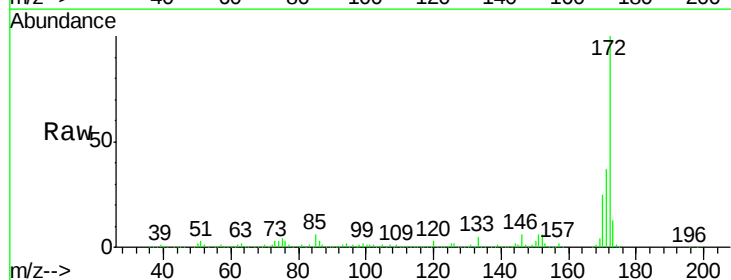


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

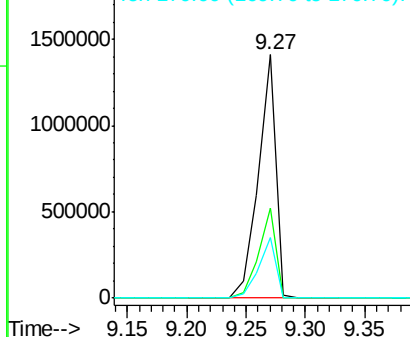
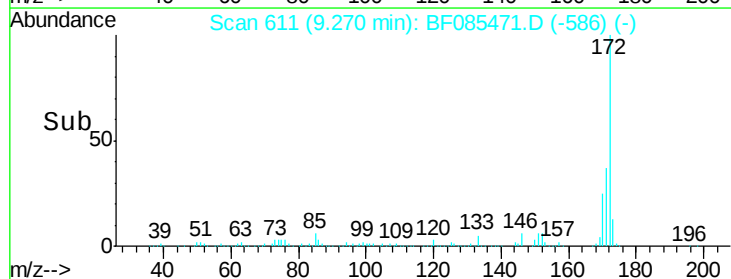


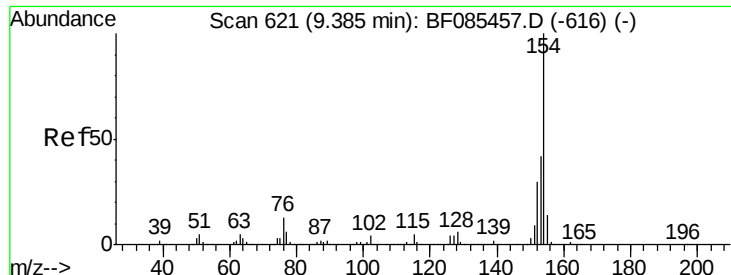
#44
 2-Fluorobiphenyl
 Concen: 97.24 ng
 RT: 9.27 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF085471.D
 Acq: 16 Mar 2016 19:38

Tgt Ion:172 Resp: 1460109
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.3 43.9
 170 24.9 20.0 30.0



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

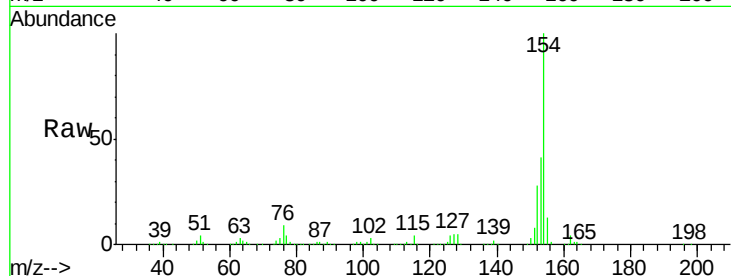




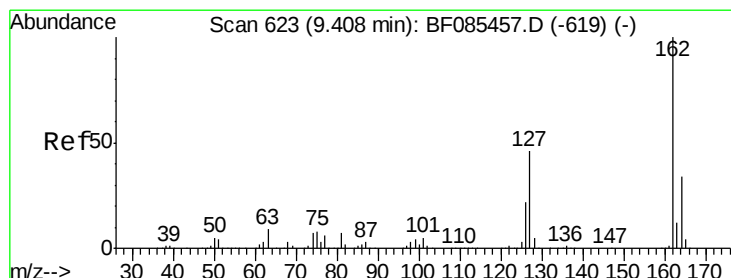
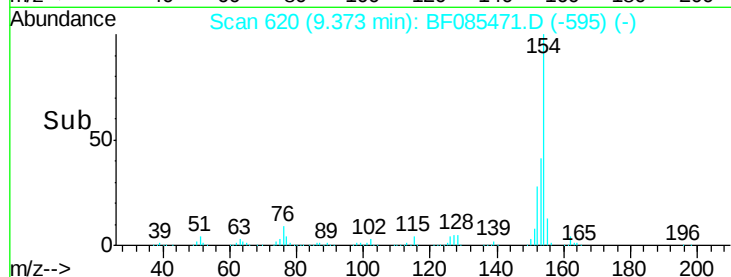
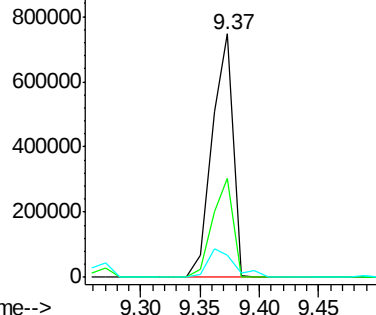
#45
 1,1'-Biphenyl
 Concen: 42.77 ng
 RT: 9.37 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF085471.D
 Acq: 16 Mar 2016 19:38

Instrument :
 BNA_F
 ClientSampleId :
 PB88925BS

Tgt Ion:154 Resp: 909514
 Ion Ratio Lower Upper
 154 100
 153 40.8 21.4 61.4
 76 9.0 0.0 37.5

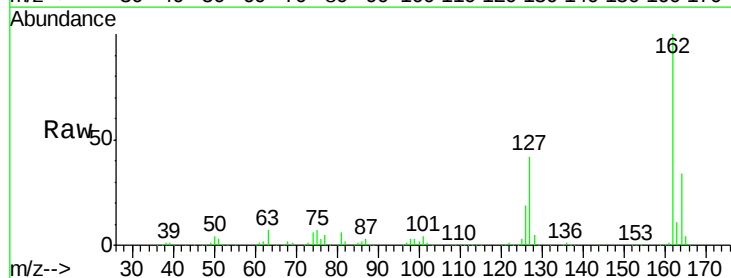


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

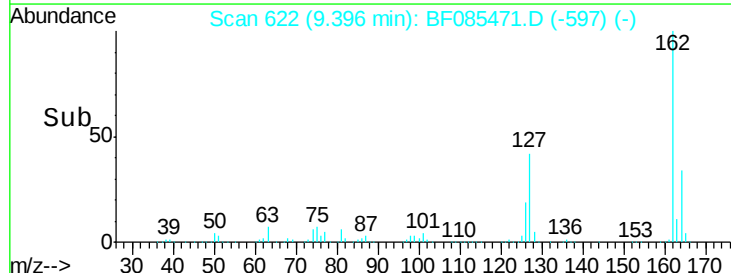
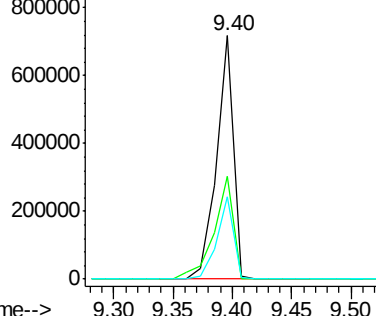


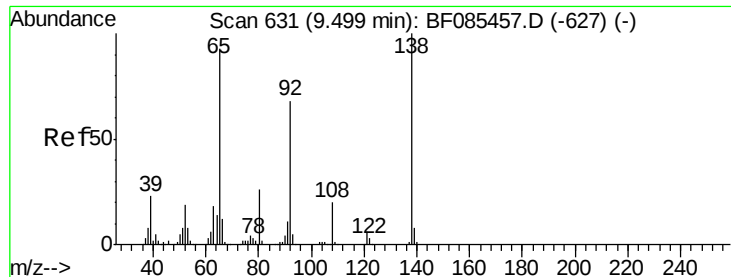
#46
 2-Chloronaphthalene
 Concen: 44.73 ng
 RT: 9.40 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF085471.D
 Acq: 16 Mar 2016 19:38

Tgt Ion:162 Resp: 712654
 Ion Ratio Lower Upper
 162 100
 127 42.3 31.6 47.4
 164 33.8 27.1 40.7



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

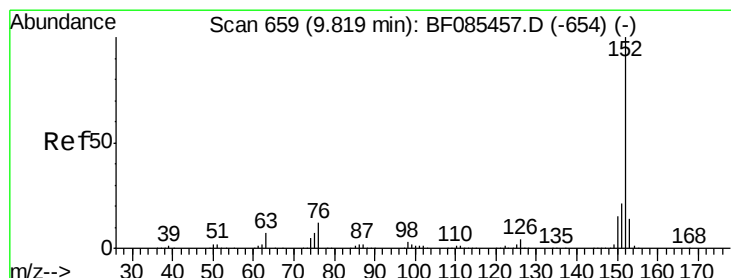
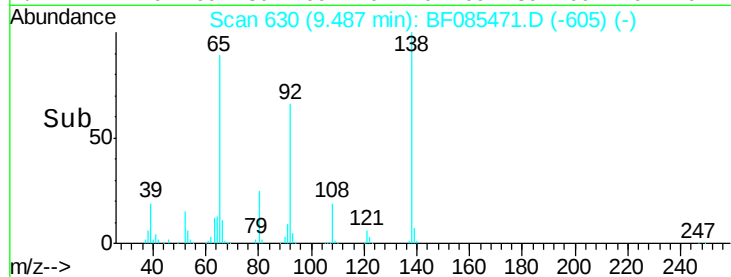
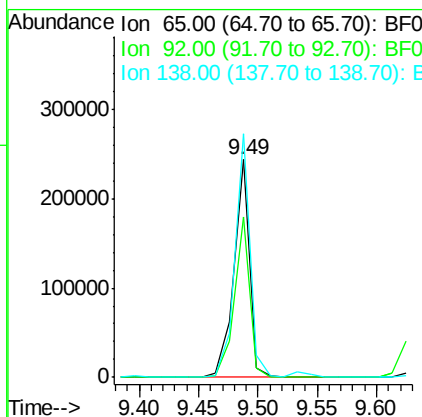
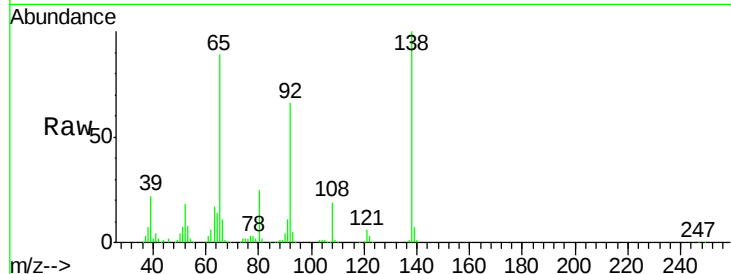




#47
 2-Nitroaniline
 Concen: 45.98 ng
 RT: 9.49 min Scan# 630
 Delta R.T. -0.01 min
 Lab File: BF085471.D
 Acq: 16 Mar 2016 19:38

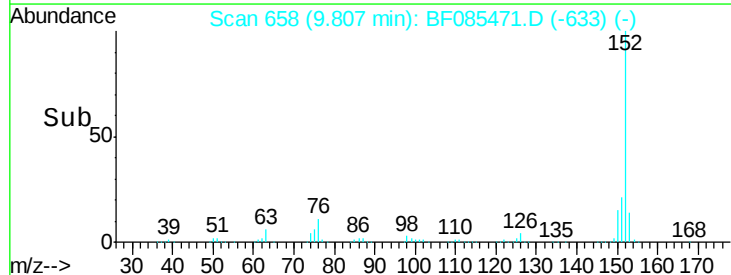
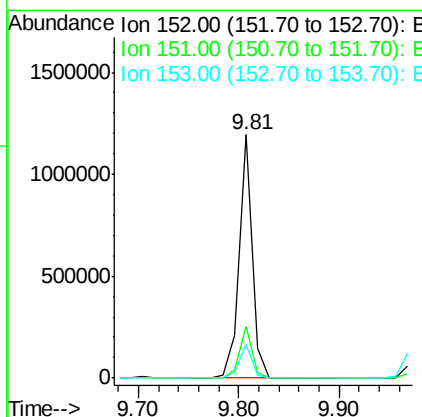
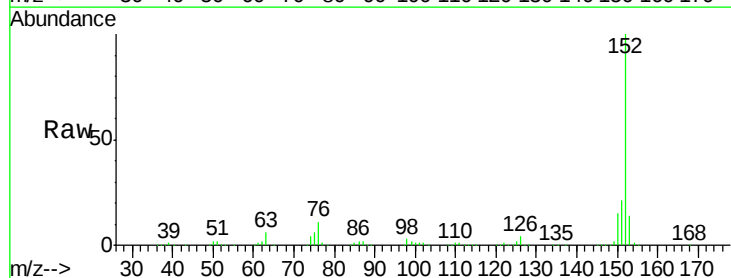
Instrument :
 BNA_F
 ClientSampleId :
 PB88925BS

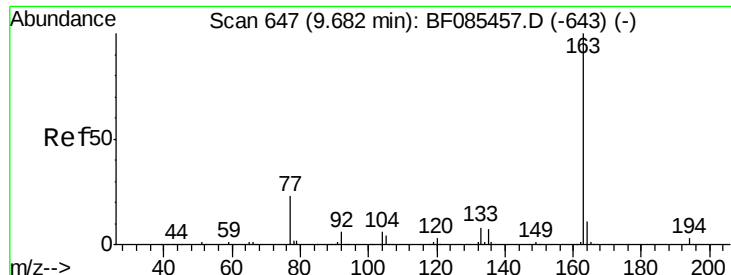
Tgt Ion: 65 Resp: 221830
 Ion Ratio Lower Upper
 65 100
 92 73.8 55.4 83.2
 138 111.9 75.7 113.5



#48
 Acenaphthylene
 Concen: 41.82 ng
 RT: 9.81 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF085471.D
 Acq: 16 Mar 2016 19:38

Tgt Ion: 152 Resp: 1077807
 Ion Ratio Lower Upper
 152 100
 151 21.0 17.5 26.3
 153 13.8 11.3 16.9

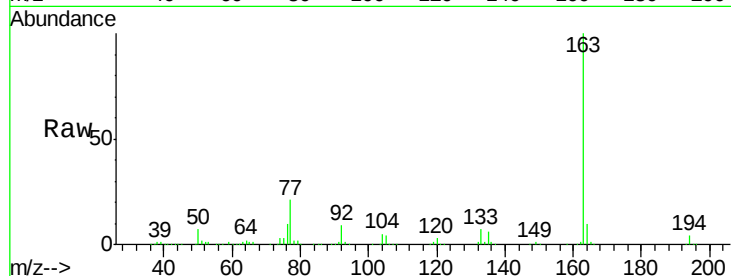




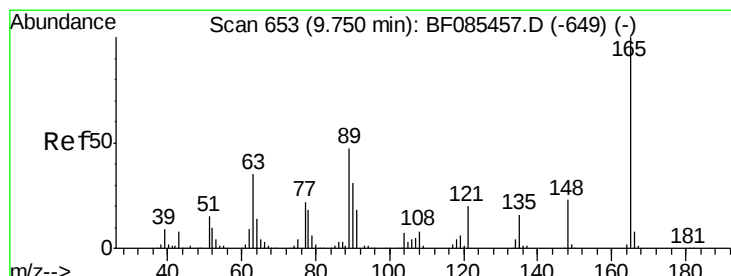
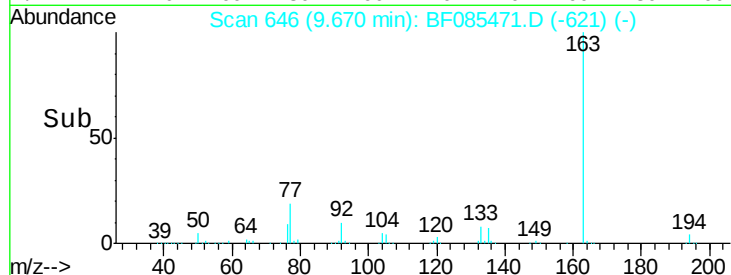
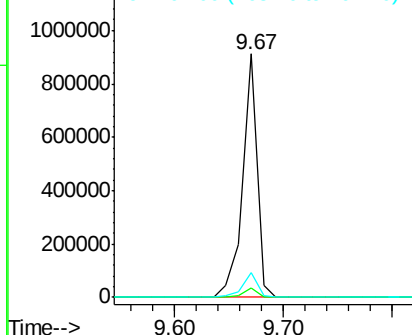
#49
Dimethylphthalate
Concen: 43.32 ng
RT: 9.67 min Scan# 646
Delta R.T. -0.01 min
Lab File: BF085471.D
Acq: 16 Mar 2016 19:38

Instrument :
BNA_F
ClientSampleId :
PB88925BS

Tgt Ion:163 Resp: 823257
Ion Ratio Lower Upper
163 100
194 3.6 3.1 4.7
164 10.3 8.2 12.4

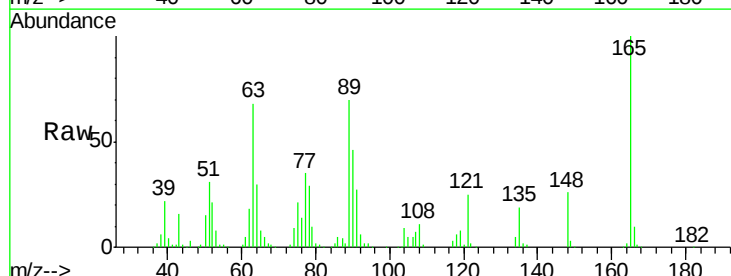


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

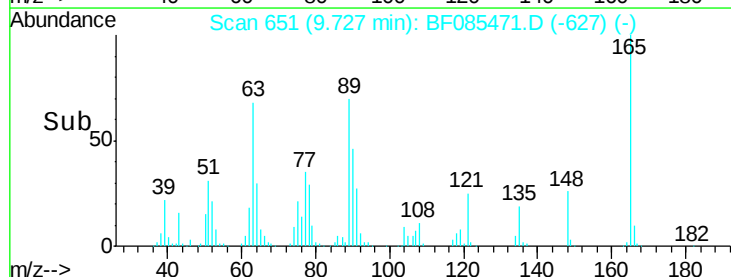
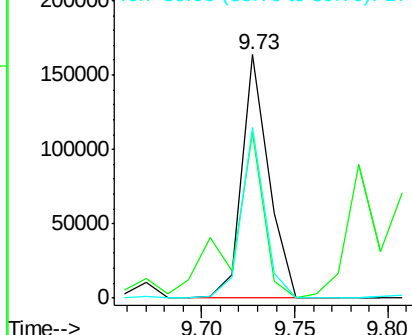


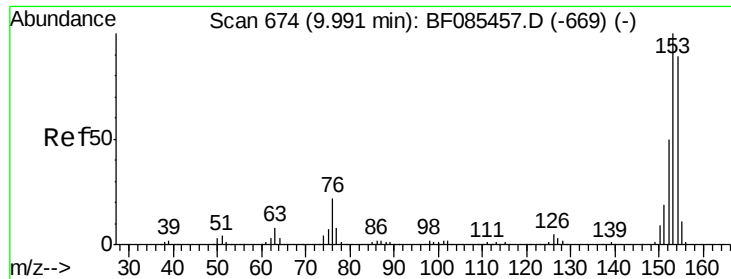
#50
2,6-Dinitrotoluene
Concen: 39.03 ng
RT: 9.73 min Scan# 651
Delta R.T. -0.02 min
Lab File: BF085471.D
Acq: 16 Mar 2016 19:38

Tgt Ion:165 Resp: 163896
Ion Ratio Lower Upper
165 100
63 67.8 41.8 62.8#
89 70.3 46.7 70.1#



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





#51

Acenaphthene

Concen: 44.26 ng

RT: 9.98 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

Instrument :

BNA_F

ClientSampleId :

PB88925BS

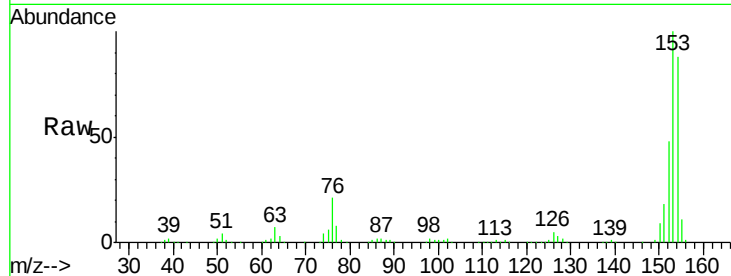
Tgt Ion:154 Resp: 717107

Ion Ratio Lower Upper

154 100

153 114.2 89.8 134.8

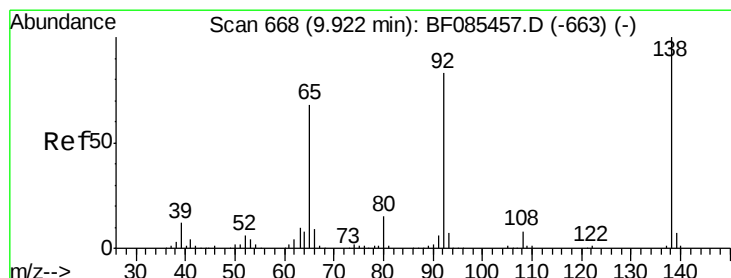
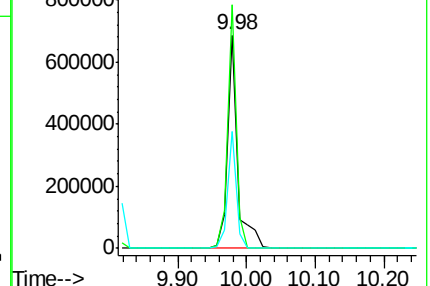
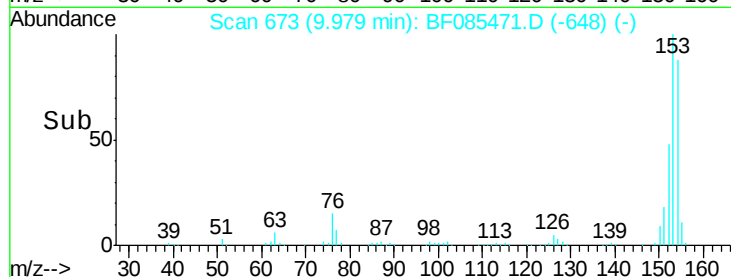
152 54.9 44.6 66.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.39 ng

RT: 9.90 min Scan# 666

Delta R.T. -0.02 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

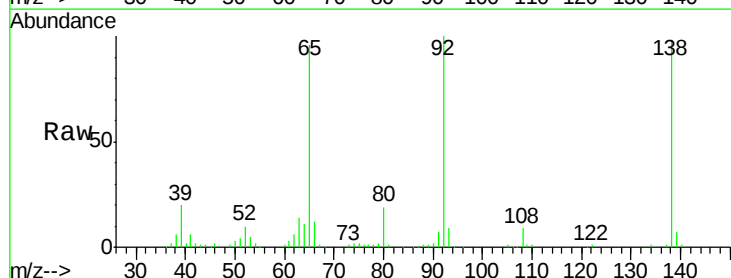
Tgt Ion:138 Resp: 112409

Ion Ratio Lower Upper

138 100

108 9.6 7.8 11.6

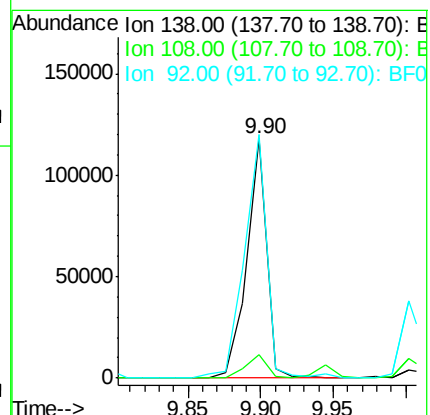
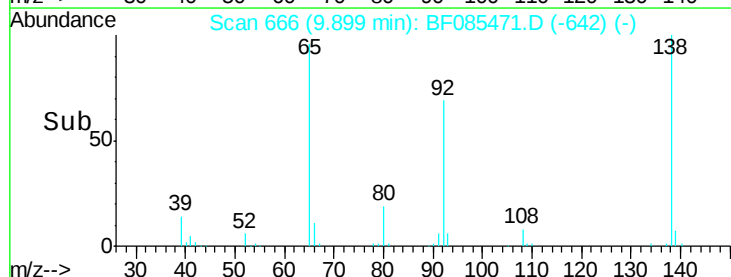
92 101.6 81.3 121.9

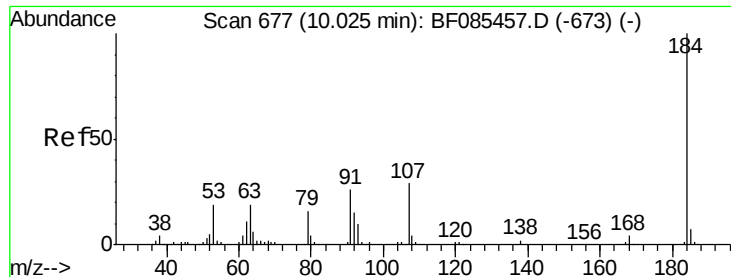


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

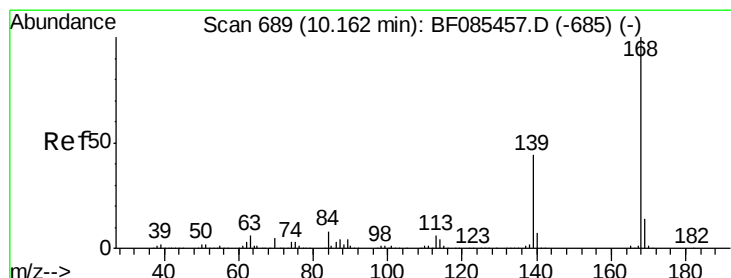
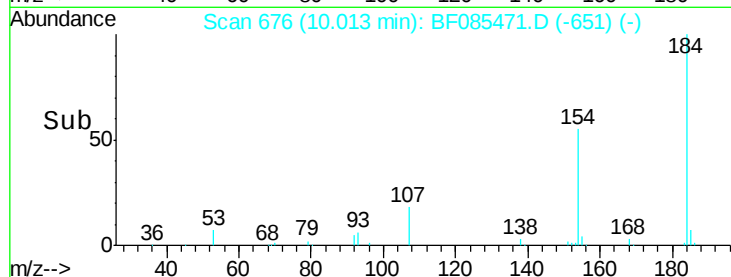
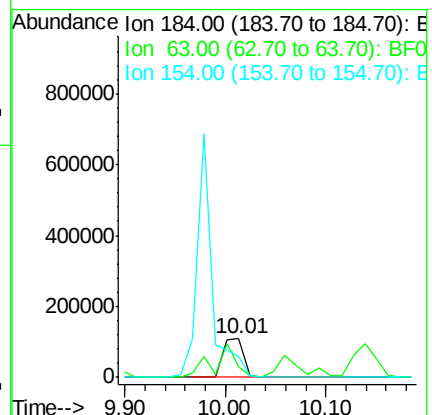
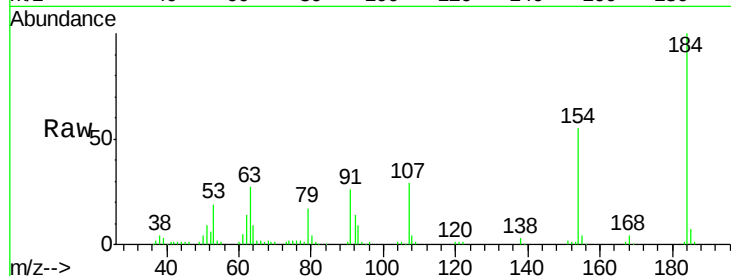




#53
2,4-Dinitrophenol
Concen: 70.49 ng
RT: 10.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF085471.D
Acq: 16 Mar 2016 19:38

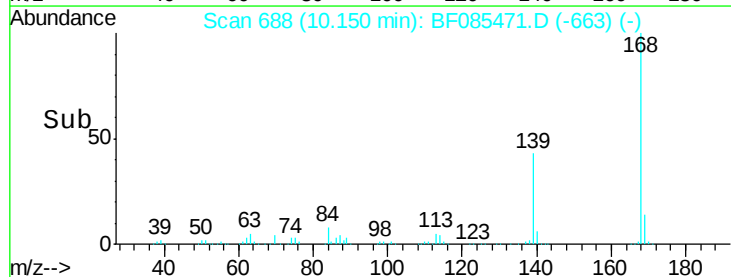
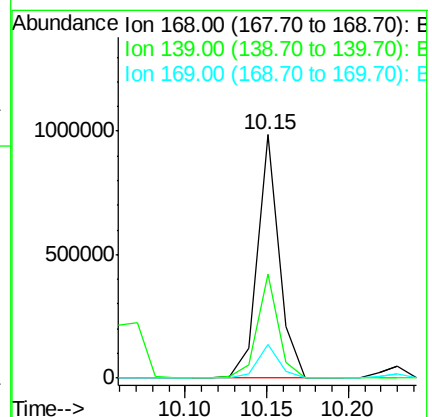
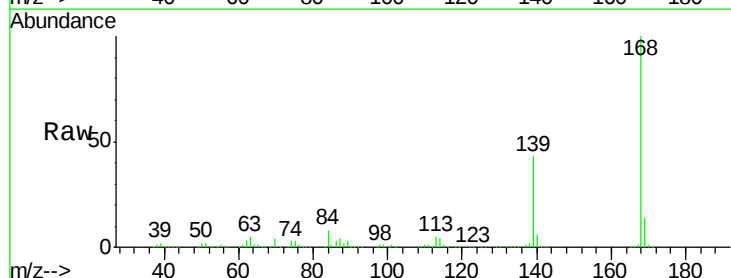
Instrument :
BNA_F
ClientSampleId :
PB88925BS

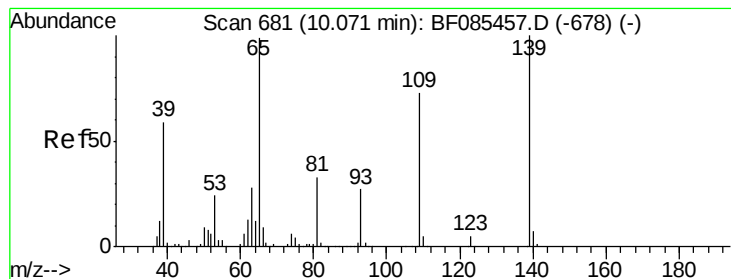
Tgt Ion:184 Resp: 160031
Ion Ratio Lower Upper
184 100
63 27.0 82.2 123.4#
154 54.6 108.9 163.3#



#54
Dibenzofuran
Concen: 45.73 ng
RT: 10.15 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF085471.D
Acq: 16 Mar 2016 19:38

Tgt Ion:168 Resp: 910334
Ion Ratio Lower Upper
168 100
139 42.8 33.6 50.4
169 14.0 11.2 16.8





#55

4-Nitrophenol

Concen: 97.55 ng

RT: 10.07 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

Instrument :

BNA_F

ClientSampleId :

PB88925BS

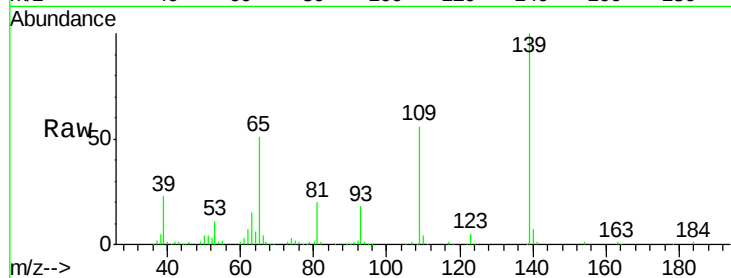
Tgt Ion:139 Resp: 337110

Ion Ratio Lower Upper

139 100

109 56.4 41.9 81.9

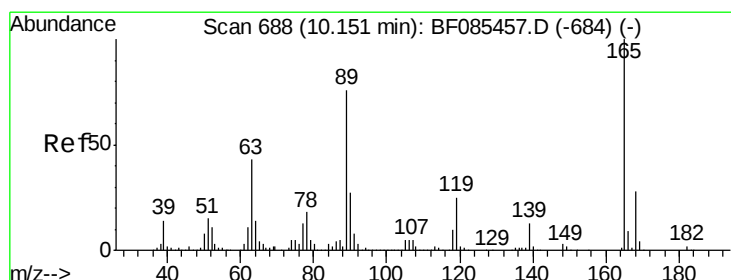
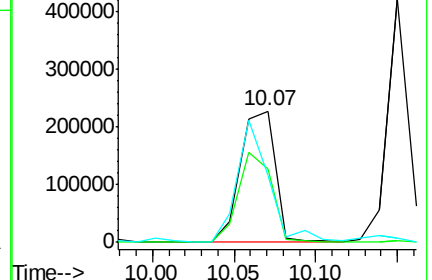
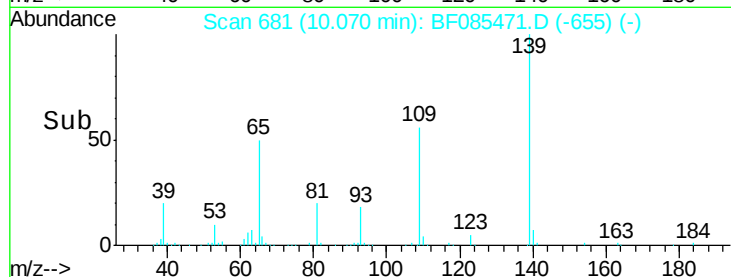
65 50.7 48.3 88.3



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 52.61 ng

RT: 10.14 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

Tgt Ion:165 Resp: 277058

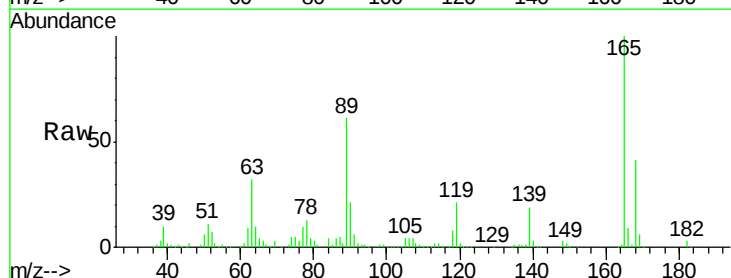
Ion Ratio Lower Upper

165 100

63 32.2 35.4 53.0#

89 61.2 61.9 92.9#

182 2.5 1.9 2.9

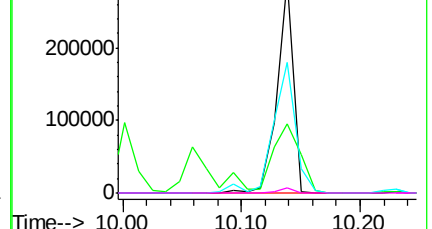
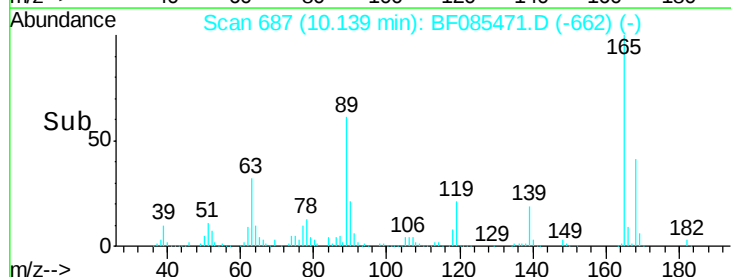


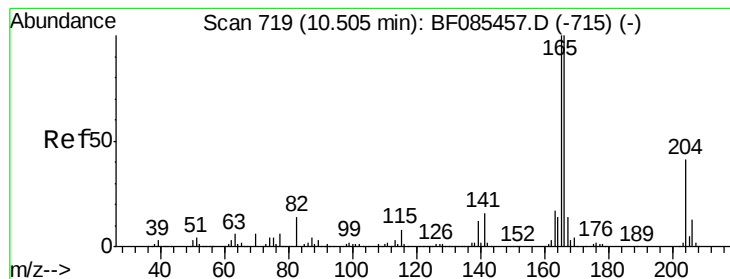
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 44.53 ng

RT: 10.49 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

Instrument :

BNA_F

ClientSampleId :

PB88925BS

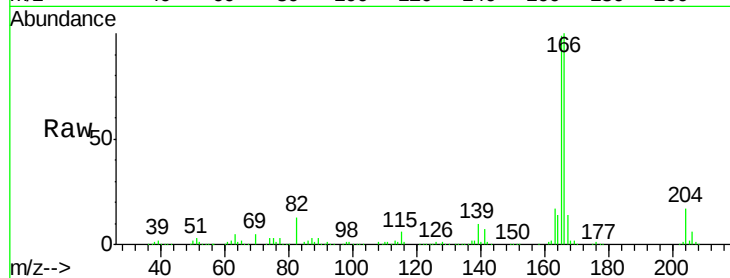
Tgt Ion:166 Resp: 706800

Ion Ratio Lower Upper

166 100

165 99.2 79.4 119.0

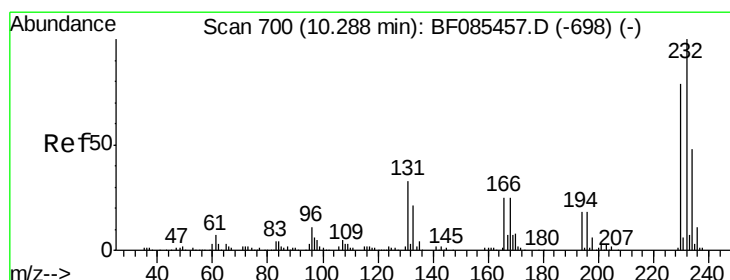
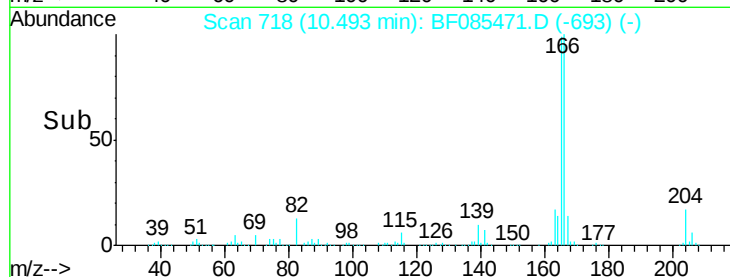
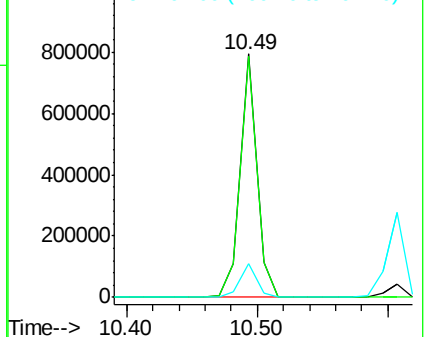
167 13.7 11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.91 ng

RT: 10.28 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

Tgt Ion:232 Resp: 174073

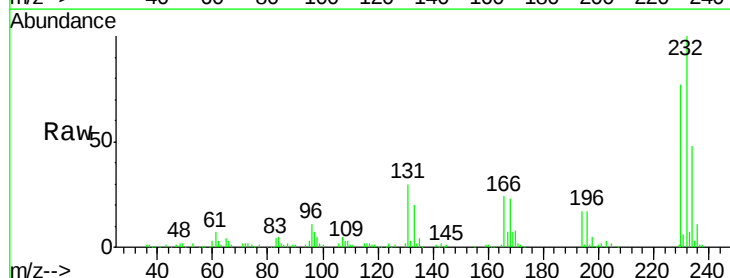
Ion Ratio Lower Upper

232 100

131 55.4 46.0 69.0

130 2.8 2.2 3.4

166 34.2 28.8 43.2

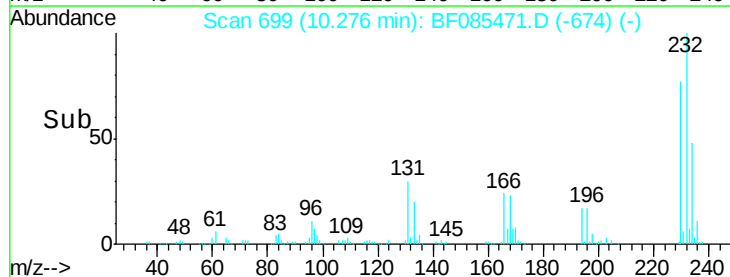
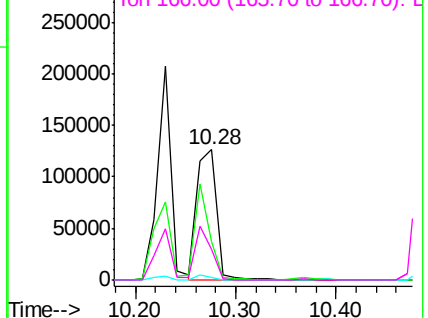


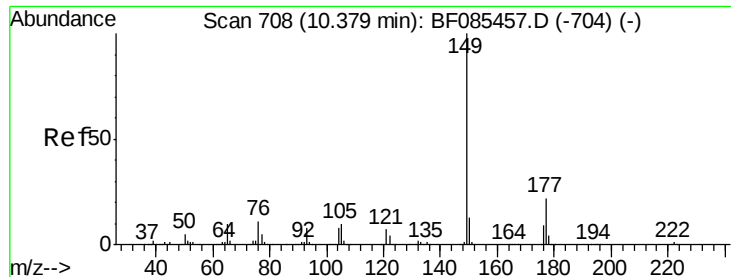
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

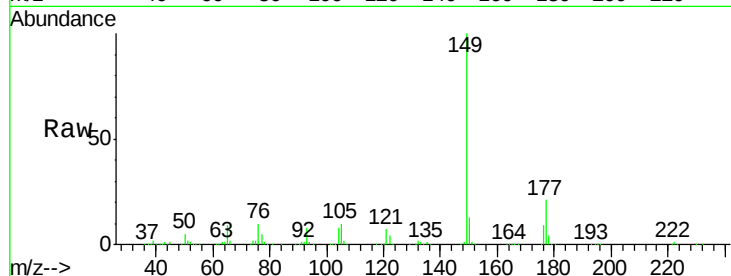




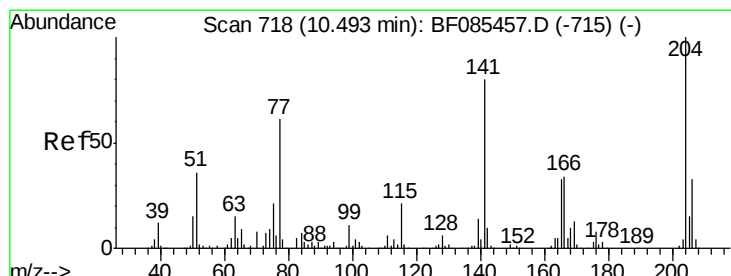
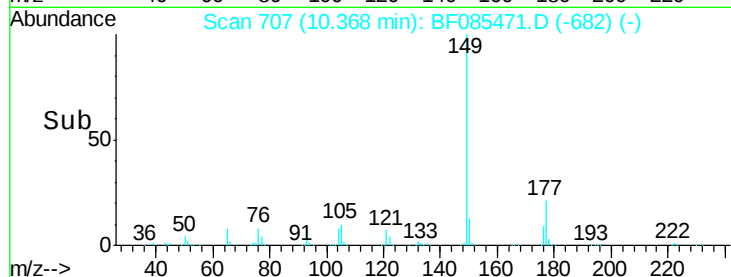
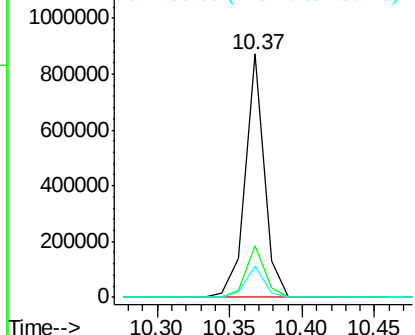
#59
Diethylphthalate
Concen: 43.15 ng
RT: 10.37 min Scan# 707
Delta R.T. -0.01 min
Lab File: BF085471.D
Acq: 16 Mar 2016 19:38

Instrument :
BNA_F
ClientSampleId :
PB88925BS

Tgt Ion:149 Resp: 793861
Ion Ratio Lower Upper
149 100
177 21.4 19.2 28.8
150 12.9 9.9 14.9

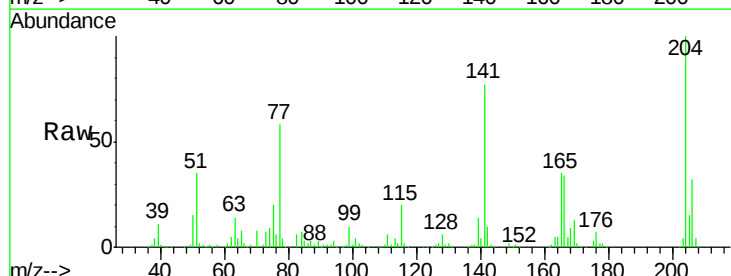


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

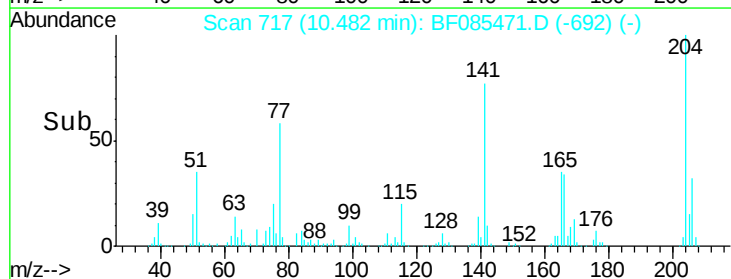
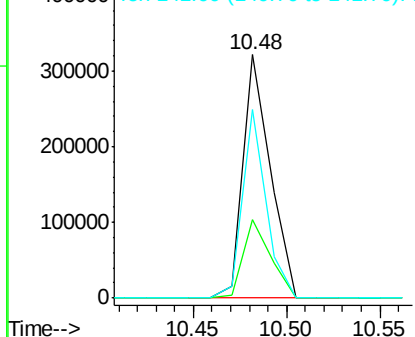


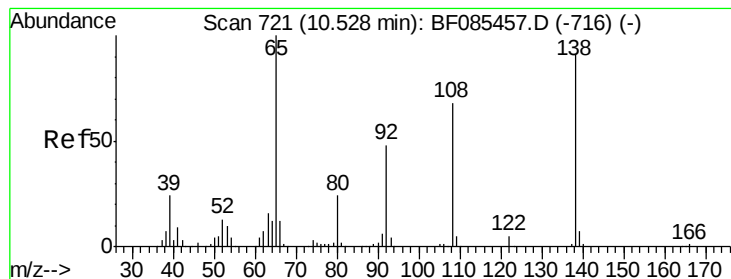
#60
4-Chlorophenyl-phenylether
Concen: 40.05 ng
RT: 10.48 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF085471.D
Acq: 16 Mar 2016 19:38

Tgt Ion:204 Resp: 326654
Ion Ratio Lower Upper
204 100
206 32.3 26.5 39.7
141 77.2 55.4 83.2



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





#61

4-Nitroaniline

Concen: 45.21 ng

RT: 10.52 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

Instrument :

BNA_F

ClientSampleId :

PB88925BS

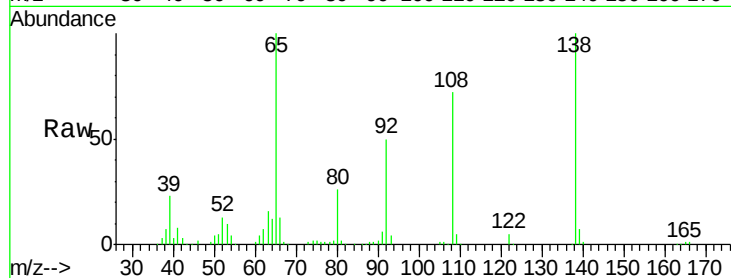
Tgt Ion:138 Resp: 213409

Ion Ratio Lower Upper

138 100

92 49.8 34.2 74.2

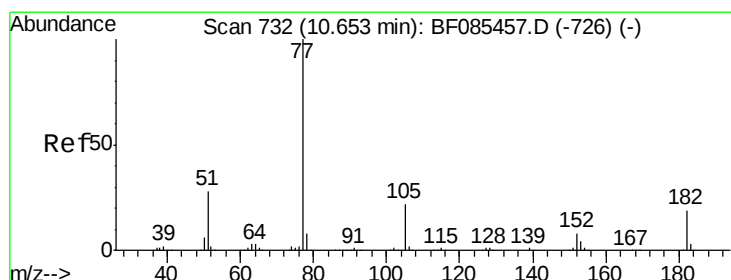
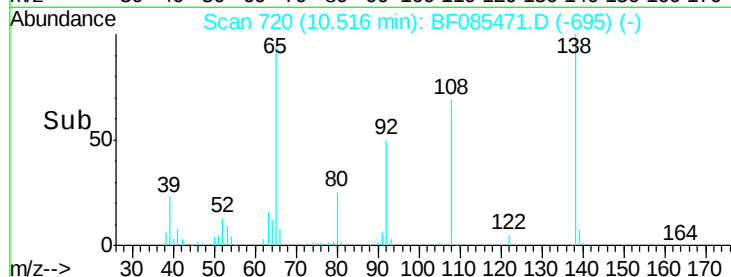
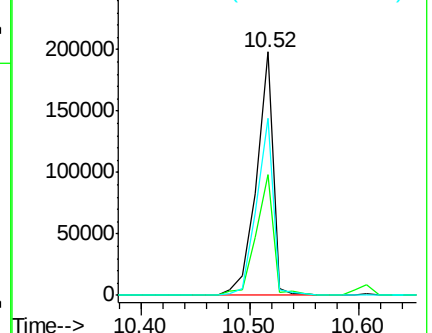
108 72.5 53.9 93.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 46.85 ng

RT: 10.64 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

Tgt Ion: 77 Resp: 855982

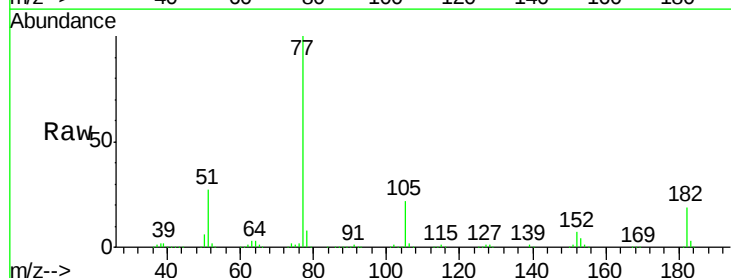
Ion Ratio Lower Upper

77 100

182 18.6 2.1 42.1

105 22.4 3.8 43.8

51 27.0 7.8 47.8

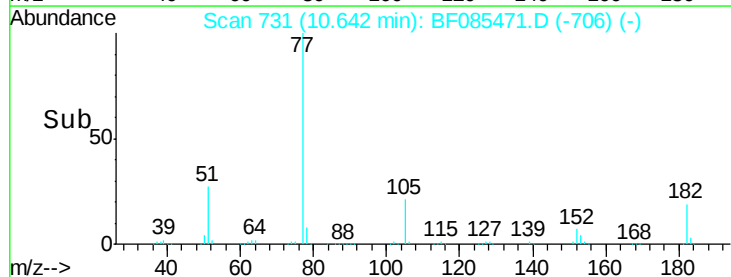
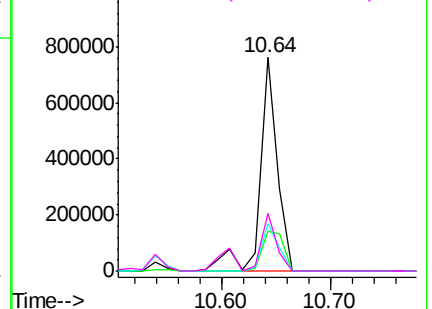


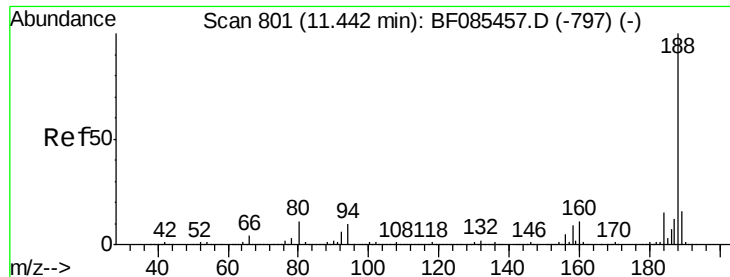
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

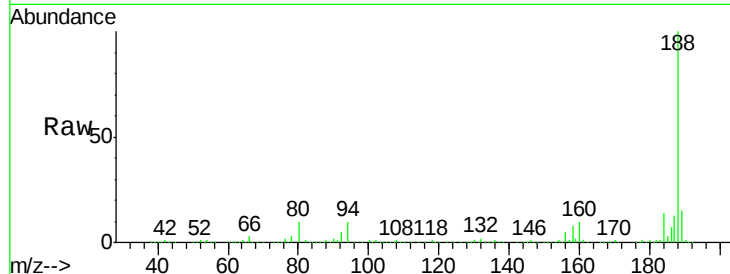




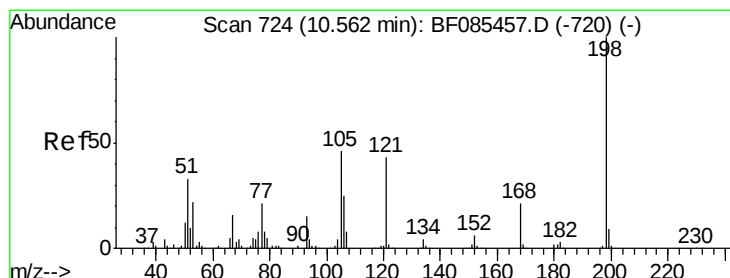
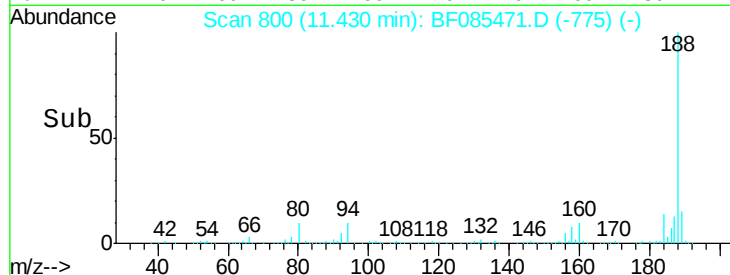
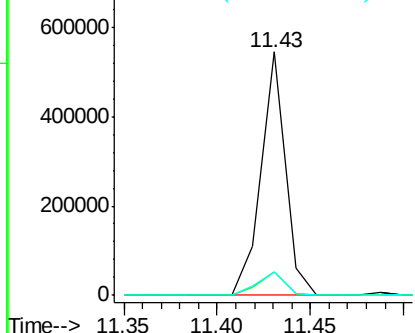
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF085471.D
Acq: 16 Mar 2016 19:38

Instrument :
BNA_F
ClientSampleId :
PB88925BS

Tgt Ion:188 Resp: 492538
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.6
80 9.5 7.4 11.0

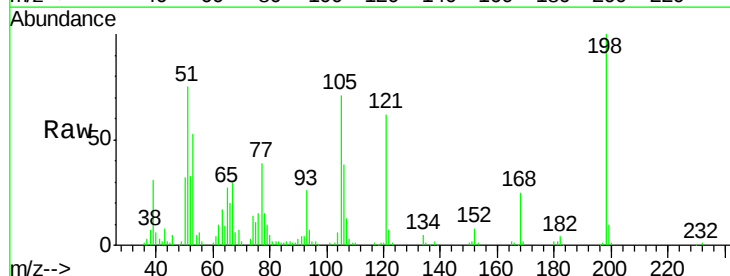


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

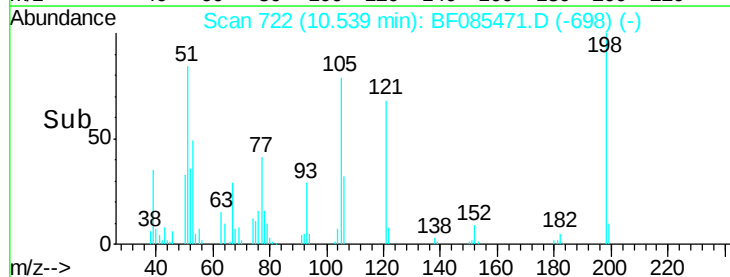
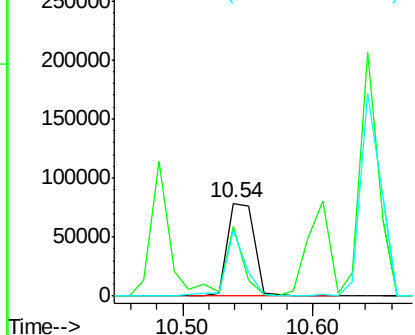


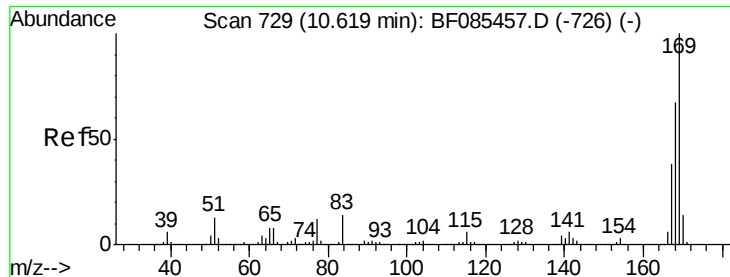
#64
4,6-Dinitro-2-methylphenol
Concen: 37.75 ng
RT: 10.54 min Scan# 722
Delta R.T. -0.02 min
Lab File: BF085471.D
Acq: 16 Mar 2016 19:38

Tgt Ion:198 Resp: 111072
Ion Ratio Lower Upper
198 100
51 75.0 9.5 49.5#
105 70.6 20.5 60.5#



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

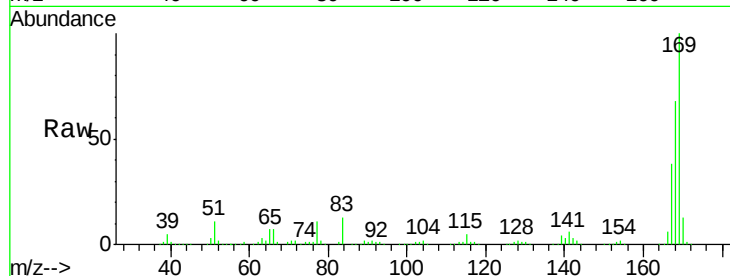




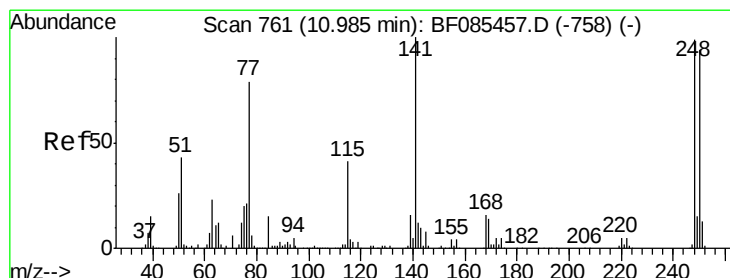
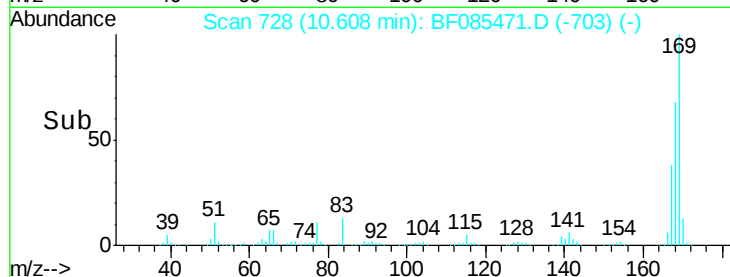
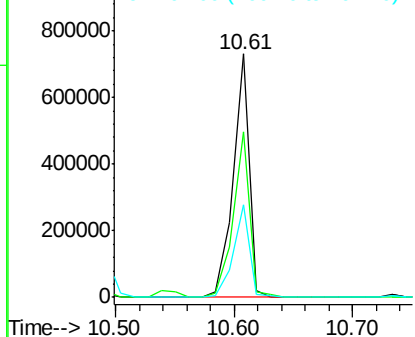
#65
n-Nitrosodiphenylamine
Concen: 45.07 ng
RT: 10.61 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF085471.D
Acq: 16 Mar 2016 19:38

Instrument :
BNA_F
ClientSampleId :
PB88925BS

Tgt Ion:169 Resp: 684077
Ion Ratio Lower Upper
169 100
168 67.7 54.8 82.2
167 37.9 30.3 45.5

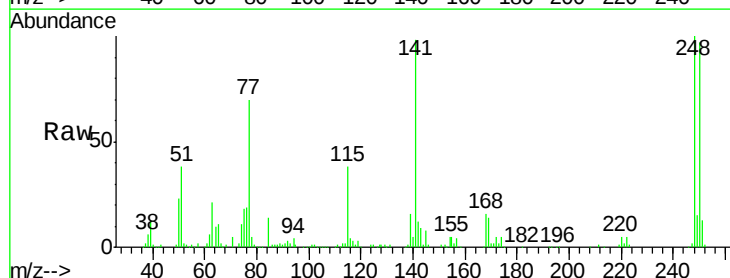


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

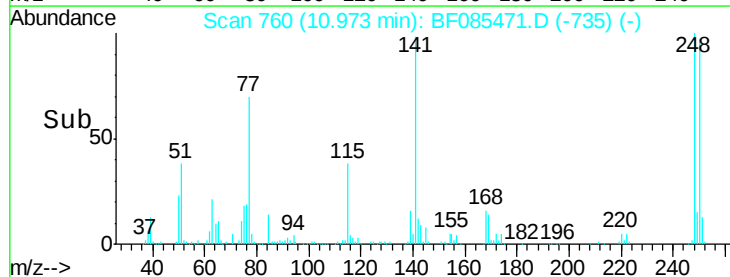
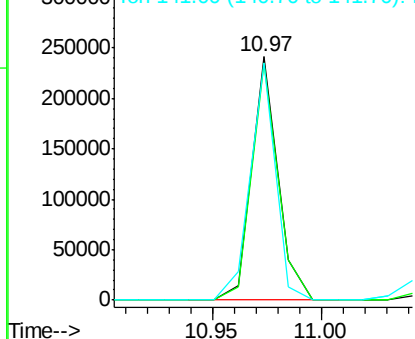


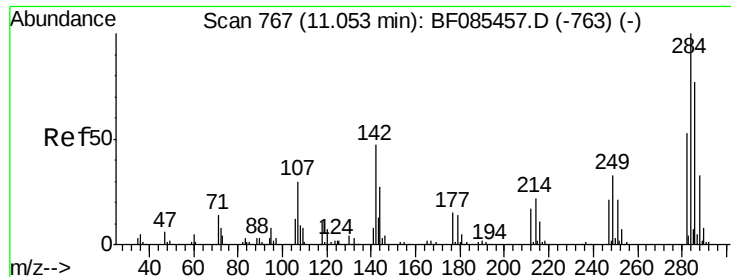
#66
4-Bromophenyl-phenylether
Concen: 40.74 ng
RT: 10.97 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF085471.D
Acq: 16 Mar 2016 19:38

Tgt Ion:248 Resp: 203074
Ion Ratio Lower Upper
248 100
250 97.2 77.1 115.7
141 97.5 66.2 99.2



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





#67

Hexachlorobenzene

Concen: 41.48 ng

RT: 11.04 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

Instrument :

BNA_F

ClientSampleId :

PB88925BS

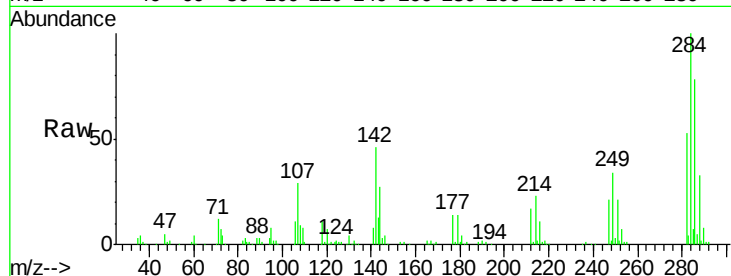
Tgt Ion:284 Resp: 213346

Ion Ratio Lower Upper

284 100

142 45.8 24.9 37.3#

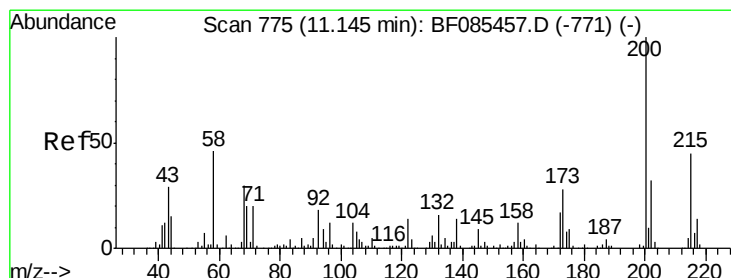
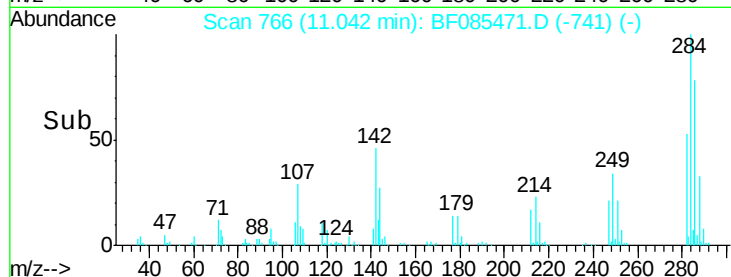
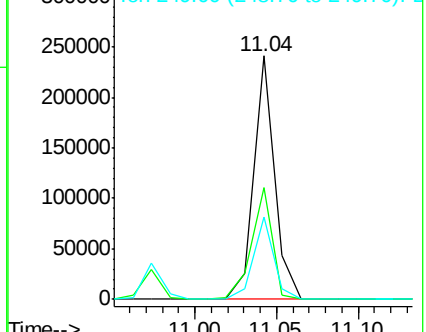
249 33.8 25.0 37.4



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 52.63 ng

RT: 11.13 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

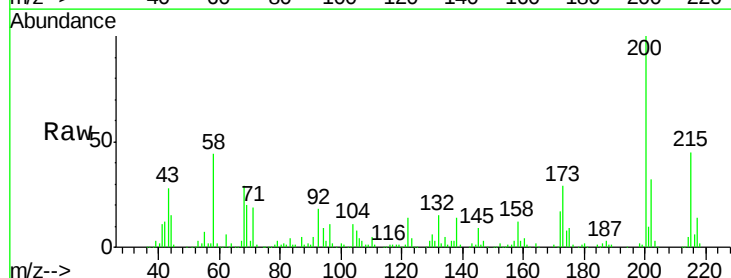
Tgt Ion:200 Resp: 228590

Ion Ratio Lower Upper

200 100

173 28.7 10.5 50.5

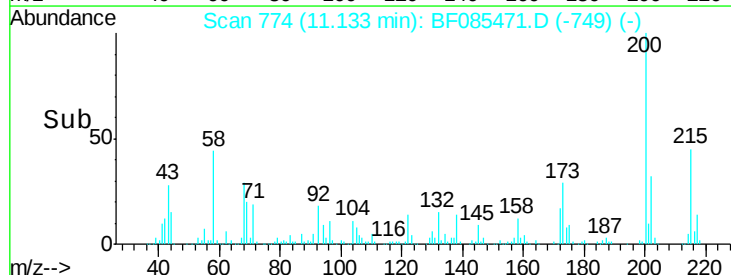
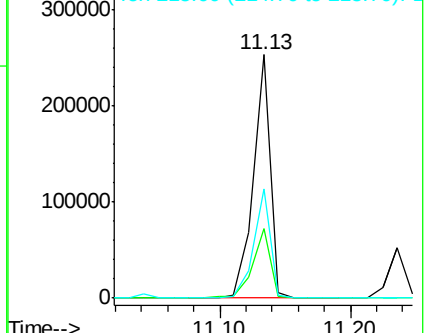
215 45.1 23.4 63.4

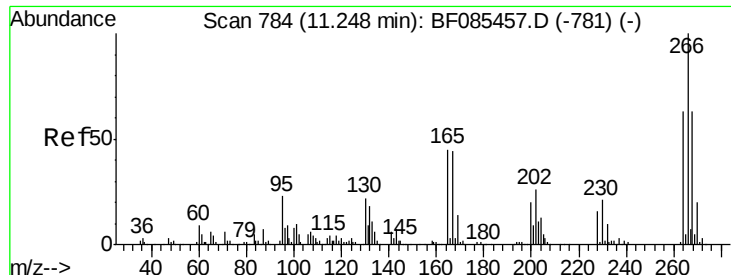


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

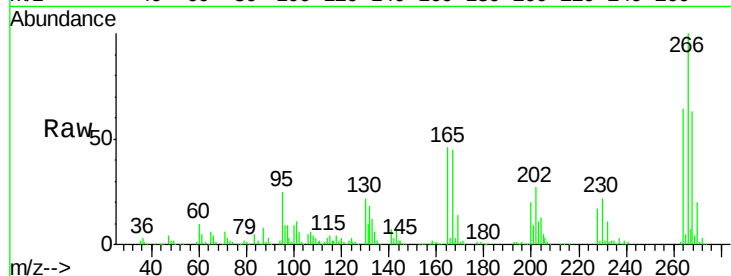




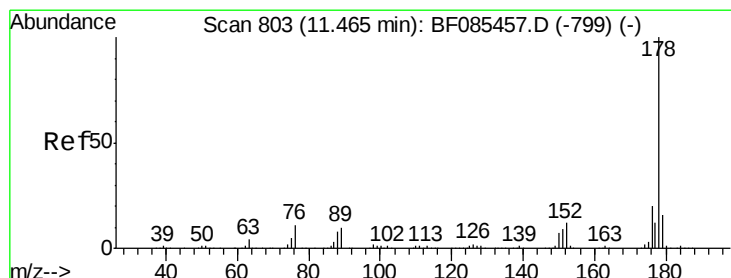
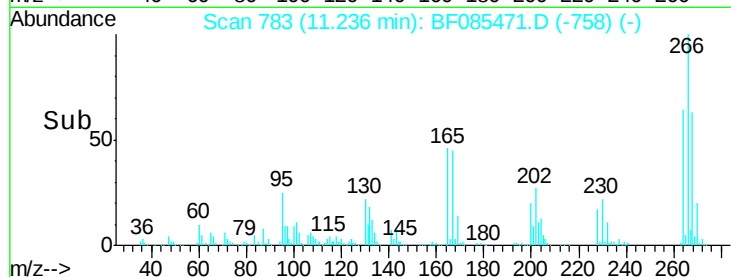
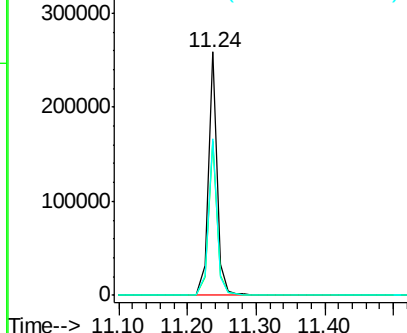
#69
 Pentachlorophenol
 Concen: 85.00 ng
 RT: 11.24 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF085471.D
 Acq: 16 Mar 2016 19:38

Instrument :
 BNA_F
 ClientSampleId :
 PB88925BS

Tgt Ion: 266 Resp: 231739
 Ion Ratio Lower Upper
 266 100
 268 63.1 50.0 75.0
 264 64.1 51.4 77.2

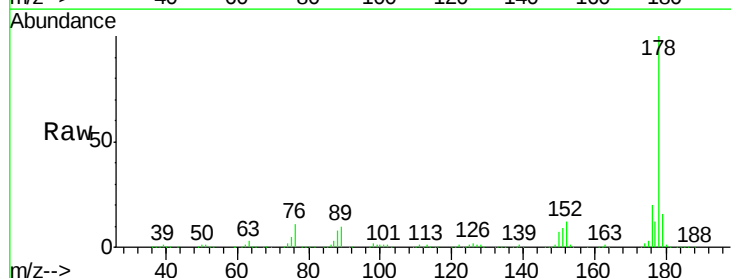


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

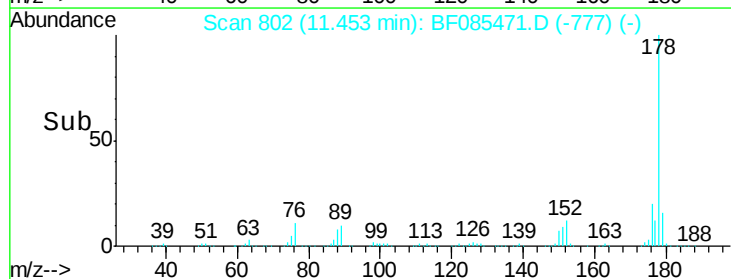
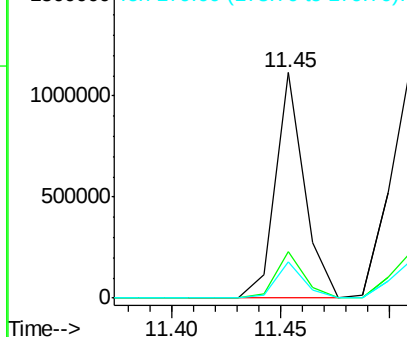


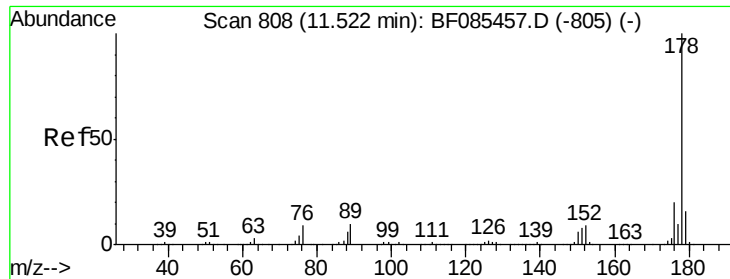
#70
 Phenanthrene
 Concen: 40.37 ng
 RT: 11.45 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF085471.D
 Acq: 16 Mar 2016 19:38

Tgt Ion: 178 Resp: 1035619
 Ion Ratio Lower Upper
 178 100
 176 20.5 16.8 25.2
 179 16.1 13.1 19.7



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

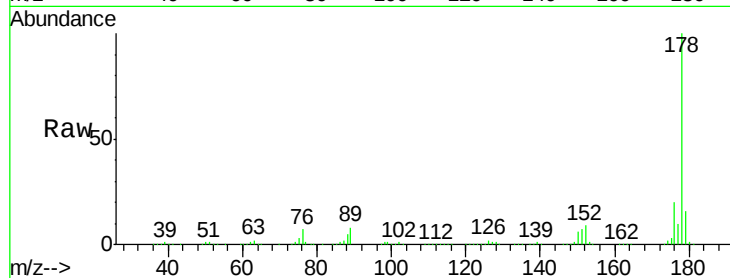




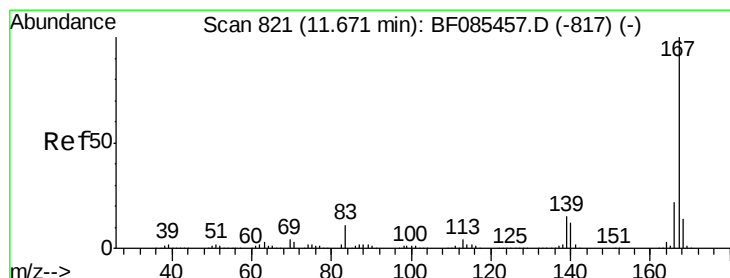
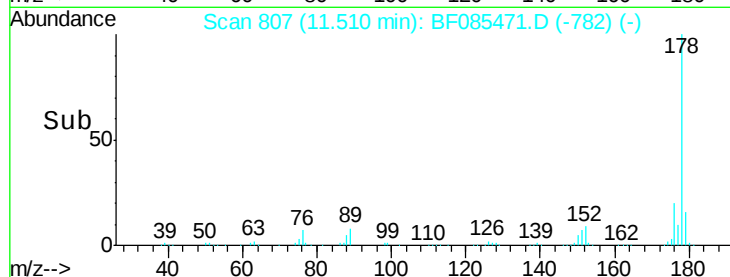
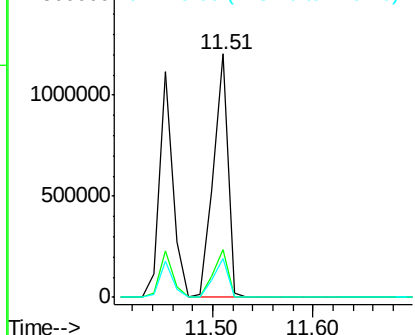
#71
 Anthracene
 Concen: 46.55 ng
 RT: 11.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF085471.D
 Acq: 16 Mar 2016 19:38

Instrument :
 BNA_F
 ClientSampleId :
 PB88925BS

Tgt Ion:178 Resp: 1216312
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.9 23.9
 179 15.9 12.5 18.7

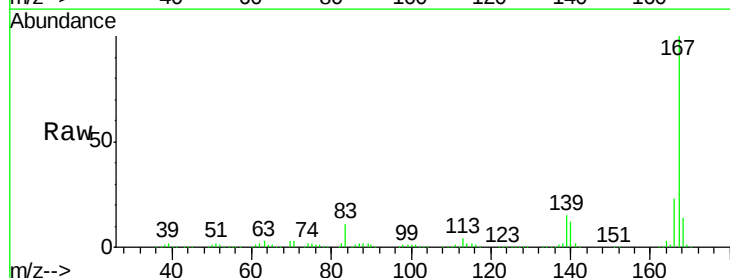


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

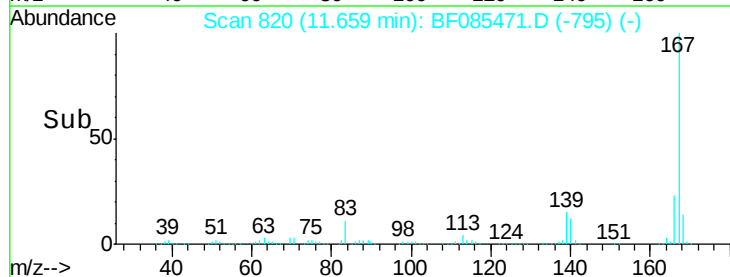
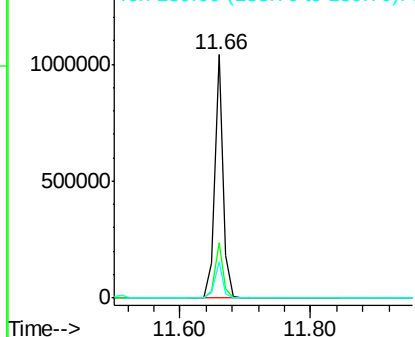


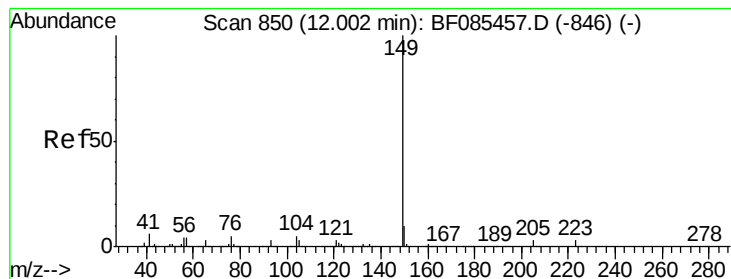
#72
 Carbazole
 Concen: 43.23 ng
 RT: 11.66 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF085471.D
 Acq: 16 Mar 2016 19:38

Tgt Ion:167 Resp: 955792
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.2 27.2
 139 15.2 11.4 17.0



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





#73

Di-n-butylphthalate

Concen: 46.98 ng

RT: 11.99 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

Instrument :

BNA_F

ClientSampleId :

PB88925BS

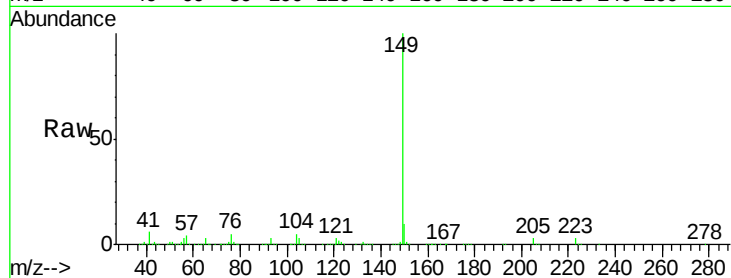
Tgt Ion:149 Resp: 1286657

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

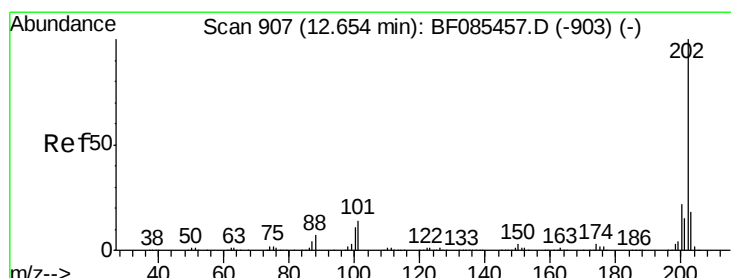
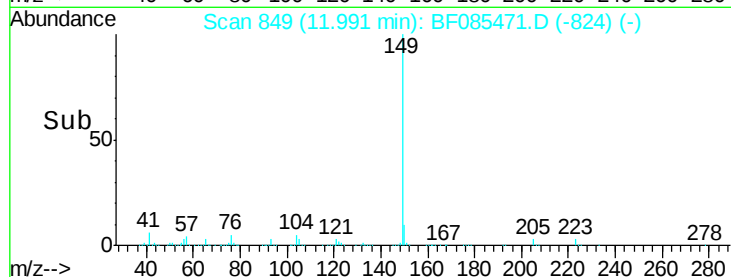
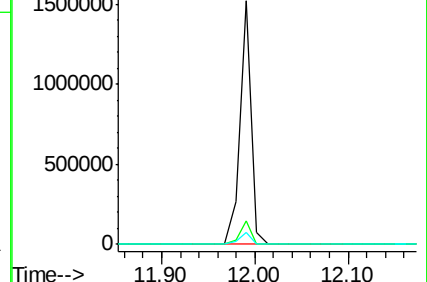
104 4.9 4.7 7.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 47.55 ng

RT: 12.64 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

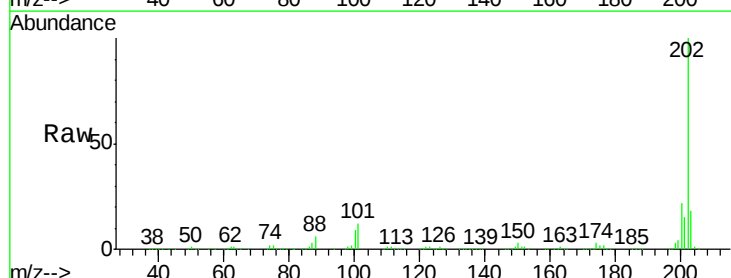
Tgt Ion:202 Resp: 1146669

Ion Ratio Lower Upper

202 100

101 12.4 0.0 31.8

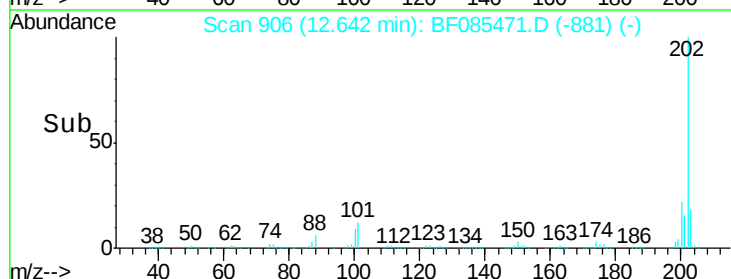
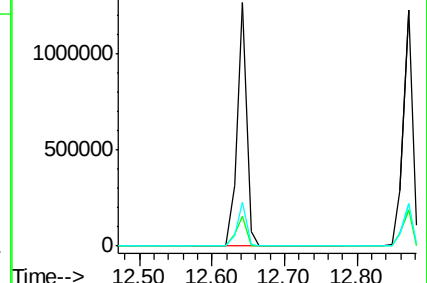
203 18.1 0.0 38.4

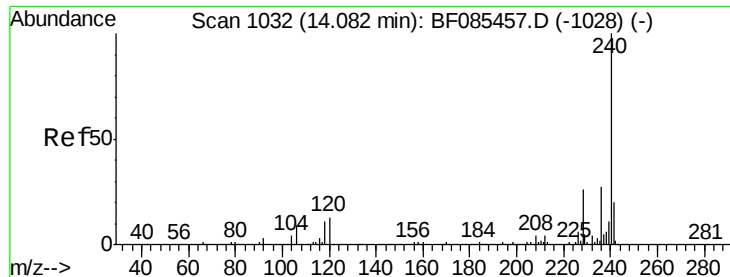


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

Instrument :

BNA_F

ClientSampleId :

PB88925BS

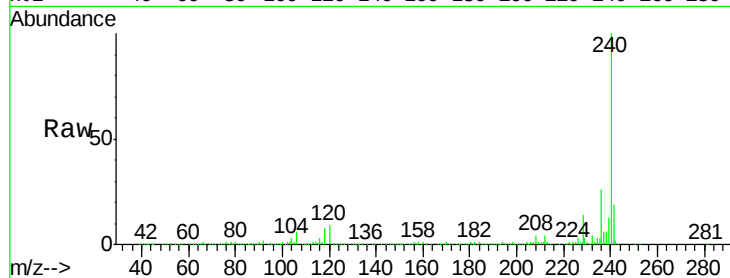
Tgt Ion:240 Resp: 376898

Ion Ratio Lower Upper

240 100

120 8.8 5.3 7.9#

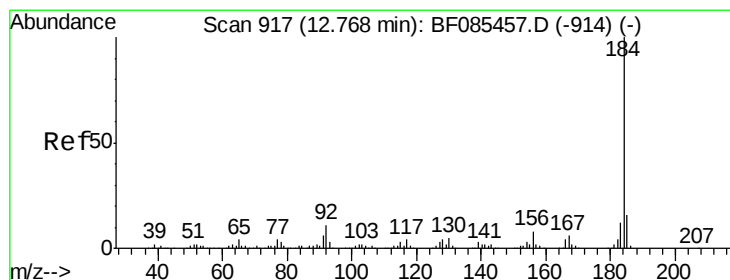
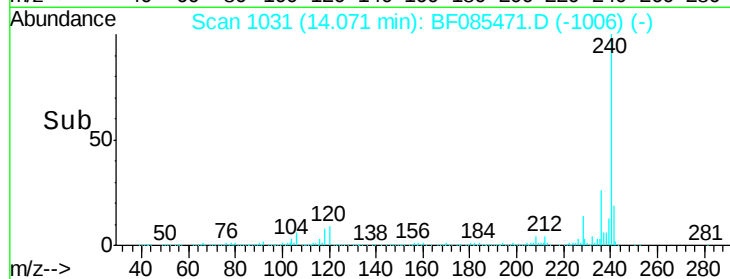
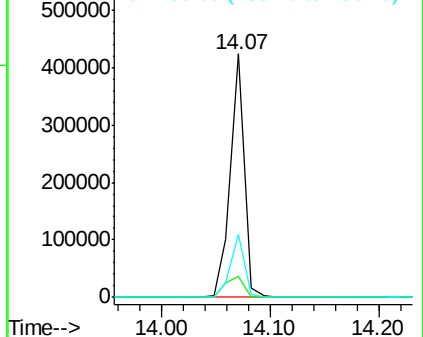
236 26.1 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 29.19 ng

RT: 12.76 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

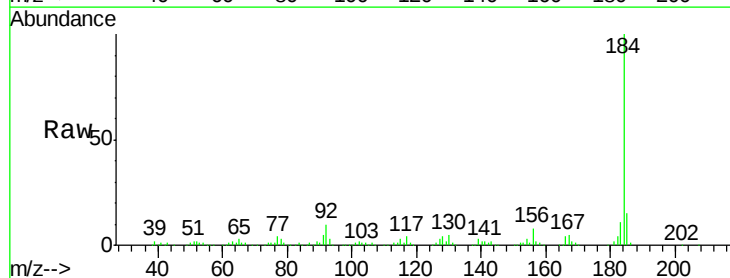
Tgt Ion:184 Resp: 341733

Ion Ratio Lower Upper

184 100

185 14.7 12.4 18.6

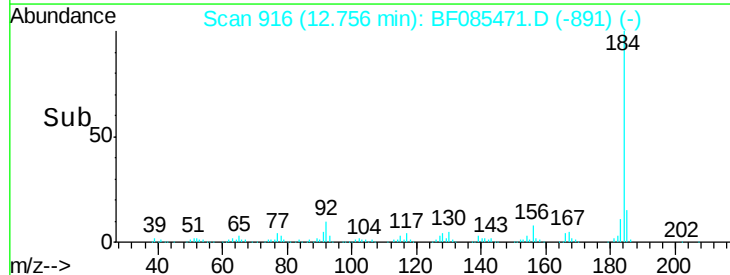
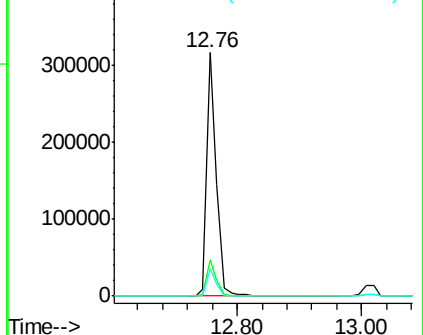
183 11.3 9.4 14.2

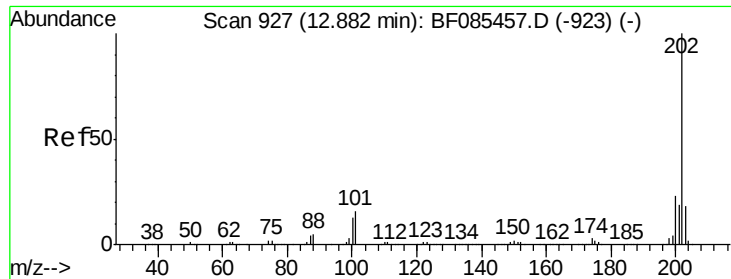


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

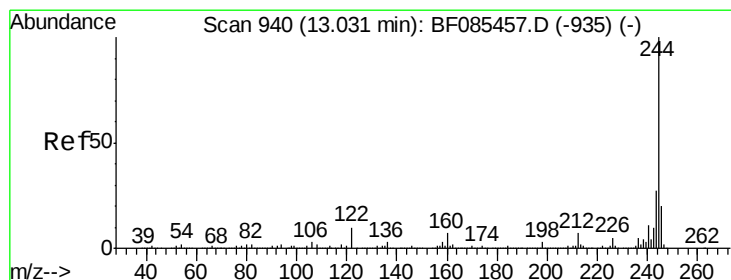
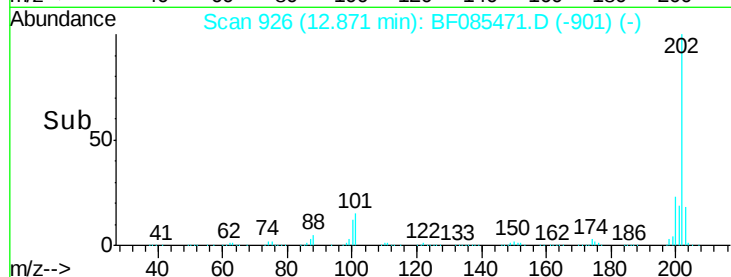
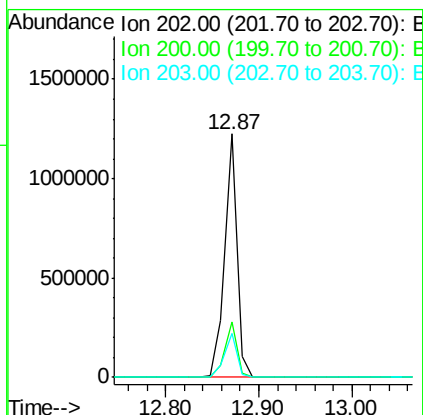
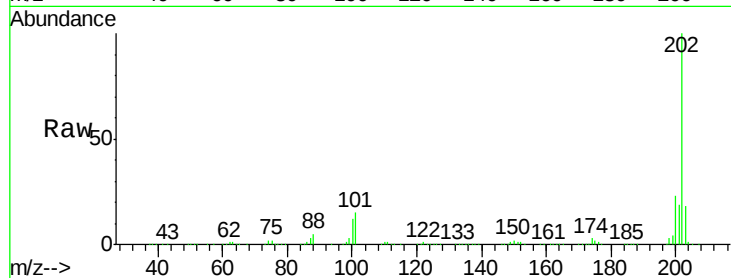




#77
 Pyrene
 Concen: 39.73 ng
 RT: 12.87 min Scan# 926
 Delta R.T. -0.01 min
 Lab File: BF085471.D
 Acq: 16 Mar 2016 19:38

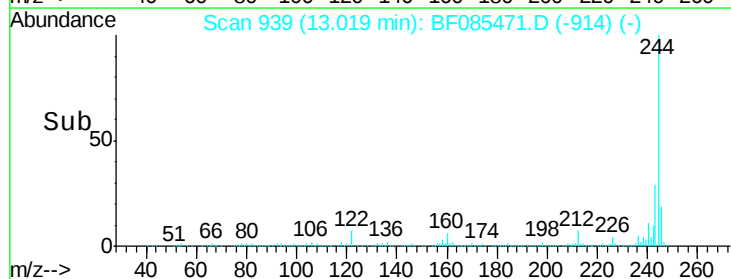
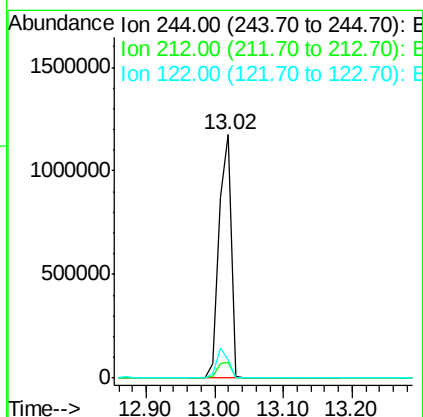
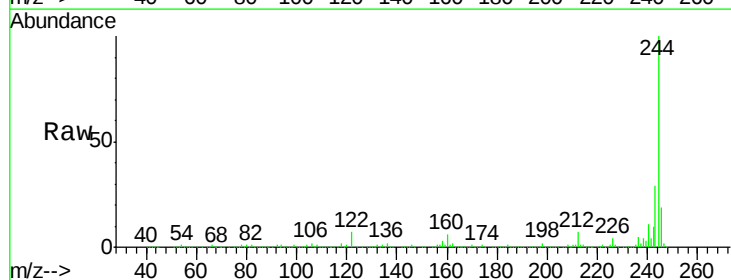
Instrument :
 BNA_F
 ClientSampleId :
 PB88925BS

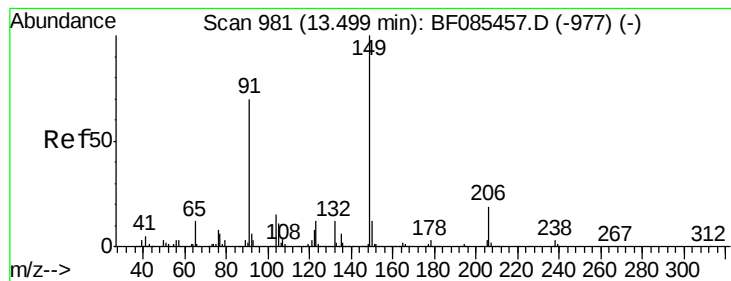
Tgt Ion: 202 Resp: 1122997
 Ion Ratio Lower Upper
 202 100
 200 22.6 18.2 27.4
 203 18.3 14.7 22.1



#78
 Terphenyl-d14
 Concen: 87.95 ng
 RT: 13.02 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: BF085471.D
 Acq: 16 Mar 2016 19:38

Tgt Ion: 244 Resp: 1465250
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.4 9.6
 122 7.5 11.4 17.2#





#79

Butylbenzylphthalate

Concen: 45.20 ng

RT: 13.49 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

Instrument :

BNA_F

ClientSampleId :

PB88925BS

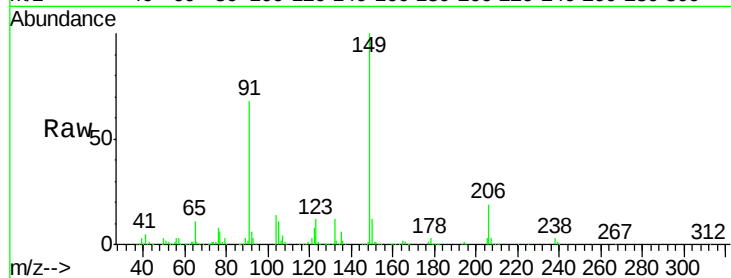
Tgt Ion:149 Resp: 558713

Ion Ratio Lower Upper

149 100

91 67.8 69.0 103.4#

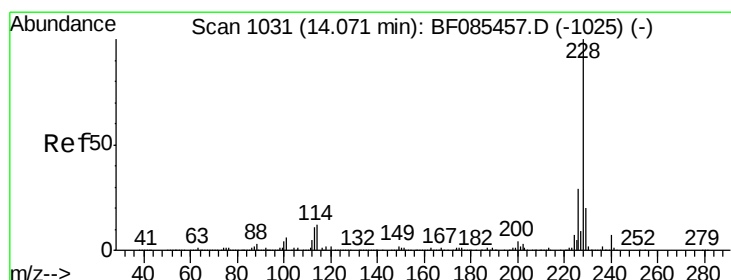
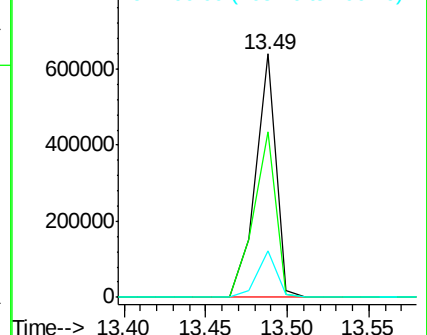
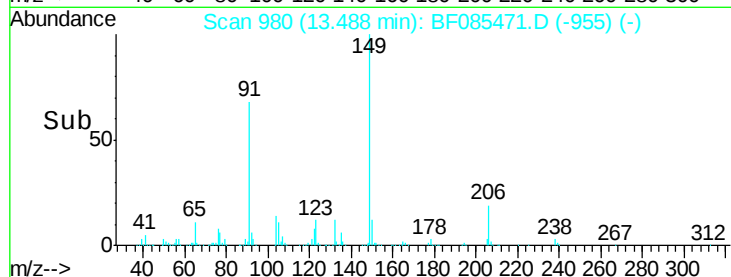
206 19.1 12.3 18.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 41.24 ng

RT: 14.06 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

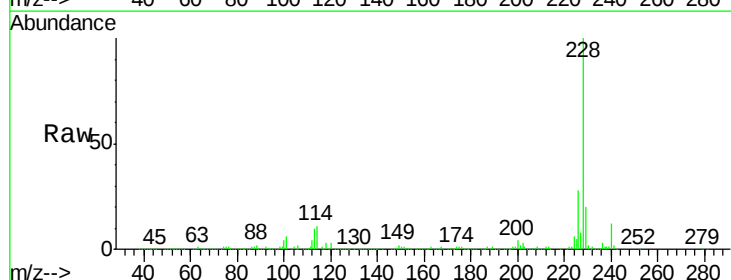
Tgt Ion:228 Resp: 891110

Ion Ratio Lower Upper

228 100

226 28.3 22.8 34.2

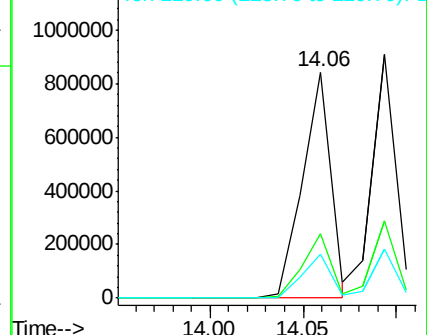
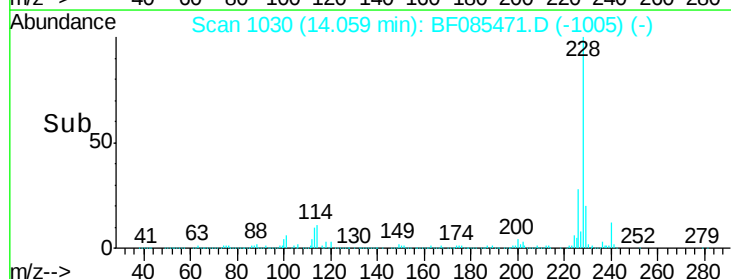
229 19.7 16.6 24.8

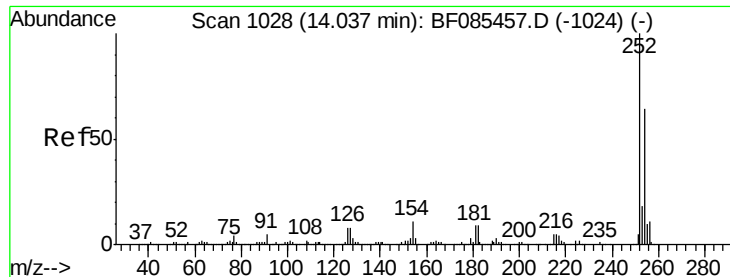


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 12.09 ng

RT: 14.01 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

Instrument :

BNA_F

ClientSampled :

PB88925BS

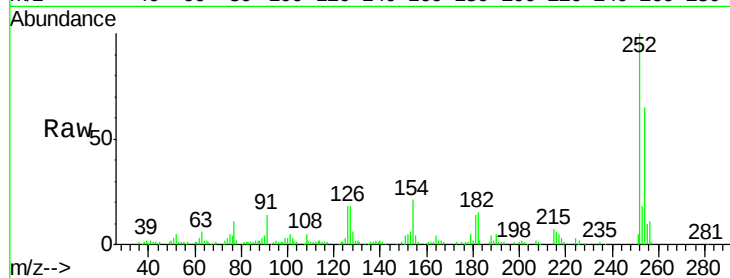
Tgt Ion:252 Resp: 88412

Ion Ratio Lower Upper

252 100

254 64.7 51.4 77.0

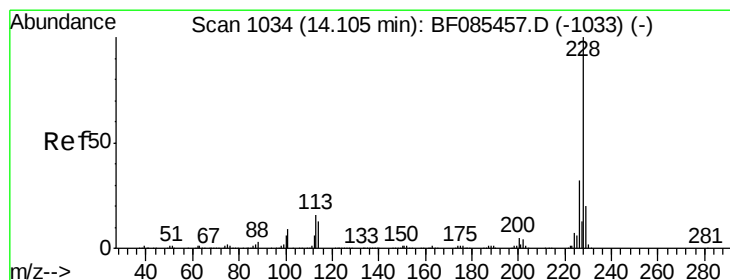
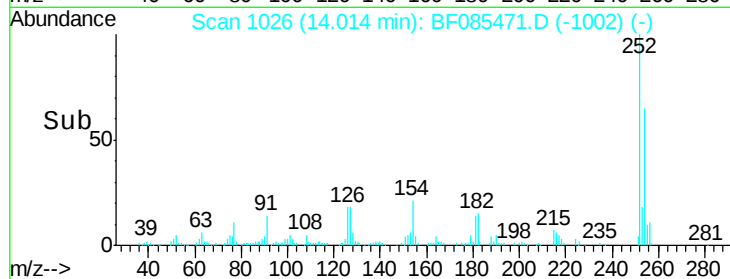
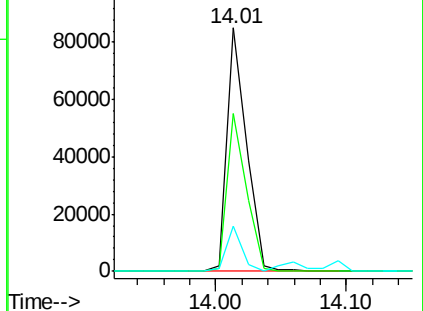
126 18.5 12.9 19.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 41.65 ng

RT: 14.09 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

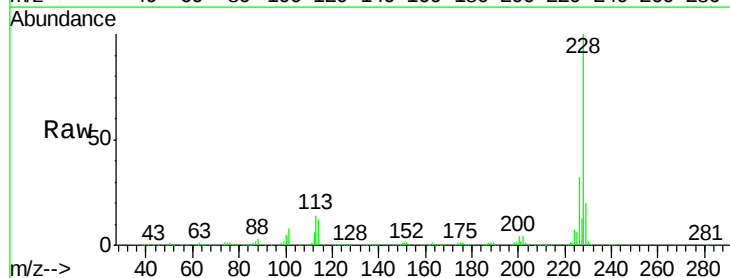
Tgt Ion:228 Resp: 809506

Ion Ratio Lower Upper

228 100

226 31.7 25.2 37.8

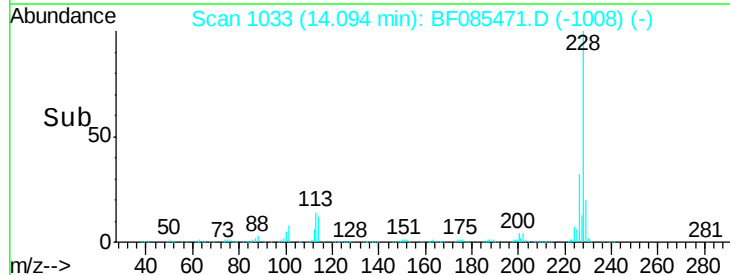
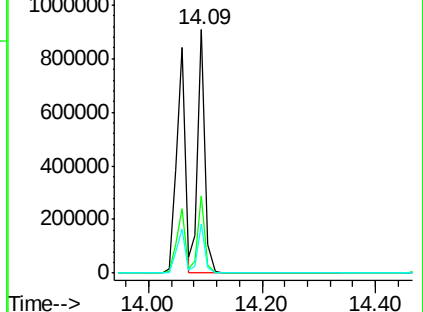
229 20.3 16.0 24.0

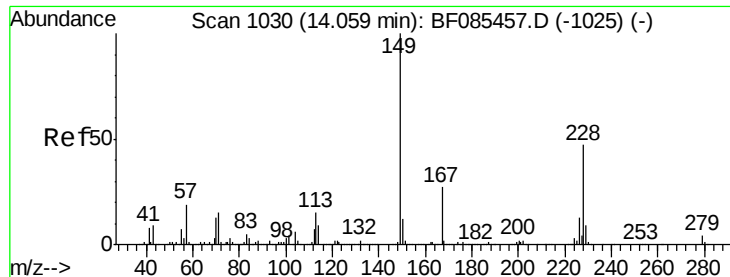


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

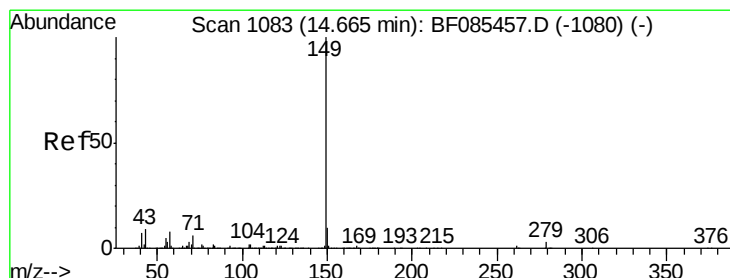
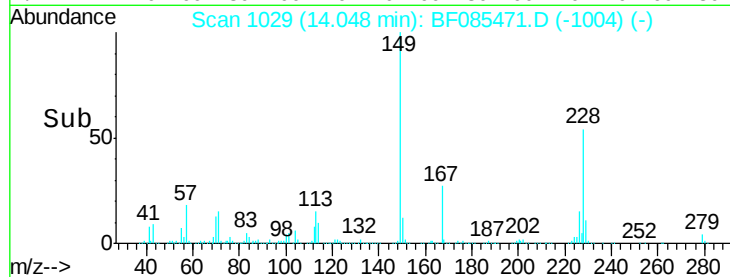
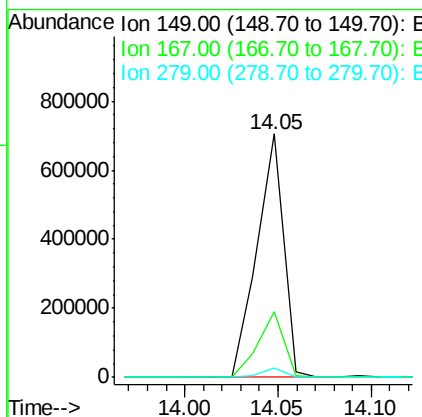
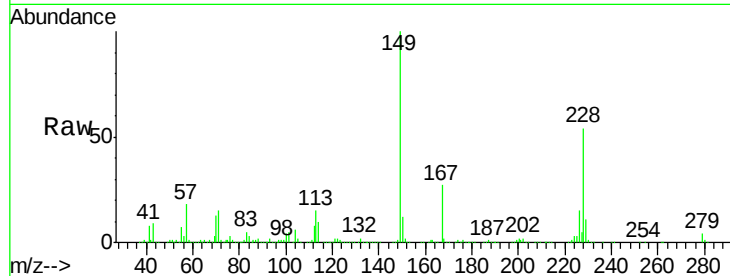




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.38 ng
 RT: 14.05 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF085471.D
 Acq: 16 Mar 2016 19:38

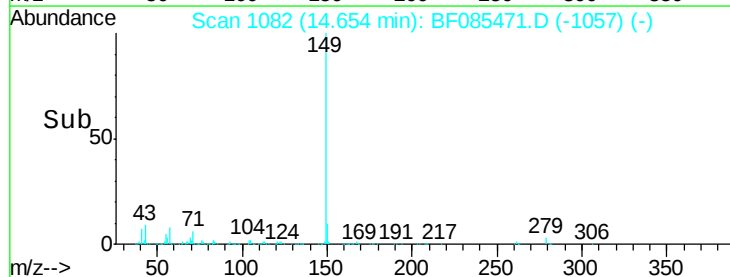
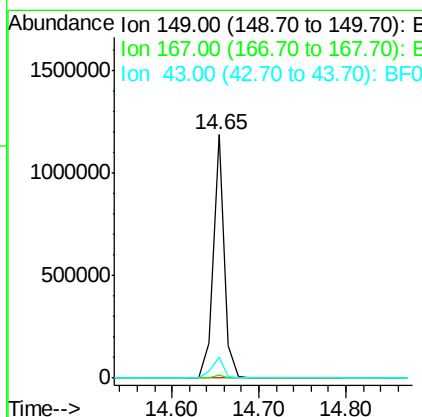
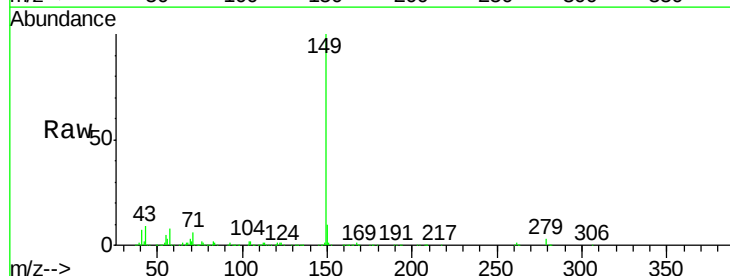
Instrument :
 BNA_F
 ClientSampleId :
 PB88925BS

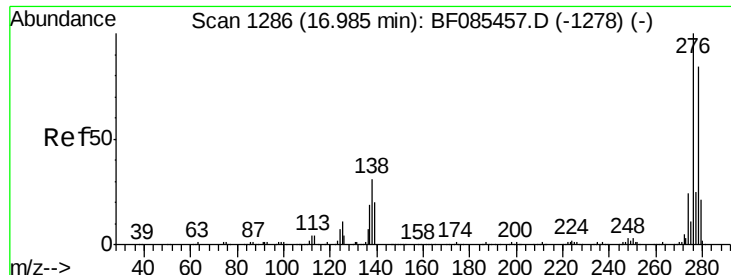
Tgt Ion:149 Resp: 699331
 Ion Ratio Lower Upper
 149 100
 167 26.8 20.3 30.5
 279 4.0 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 47.57 ng
 RT: 14.65 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BF085471.D
 Acq: 16 Mar 2016 19:38

Tgt Ion:149 Resp: 1047081
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.1 1.7
 43 9.0 7.8 11.8

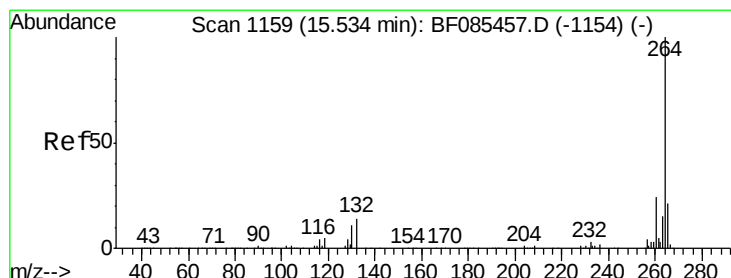
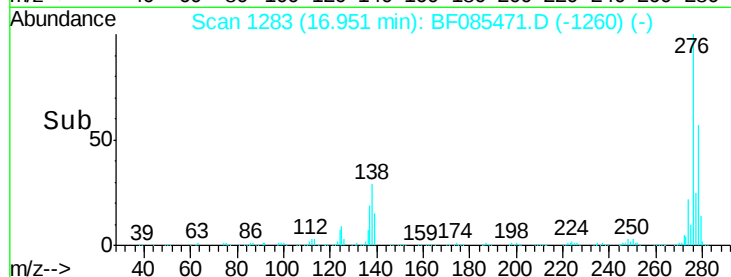
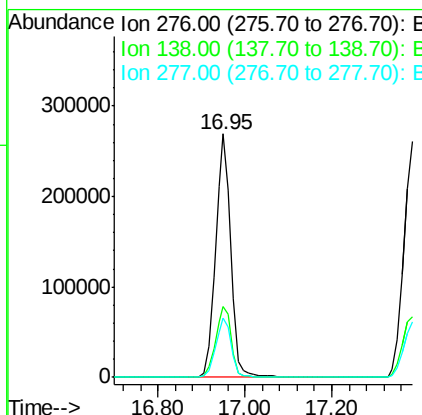
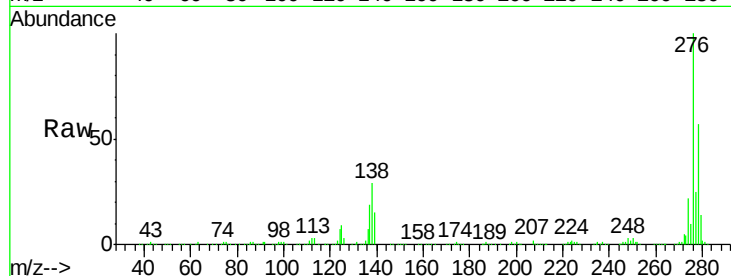




#85
Indeno(1,2,3-cd)pyrene
Concen: 36.28 ng
RT: 16.95 min Scan# 1283
Delta R.T. -0.03 min
Lab File: BF085471.D
Acq: 16 Mar 2016 19:38

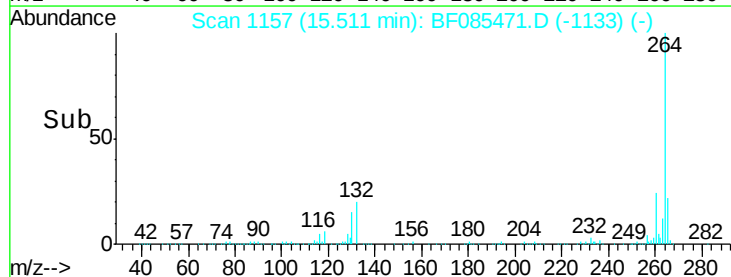
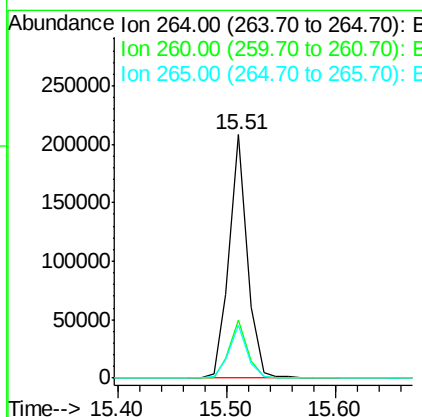
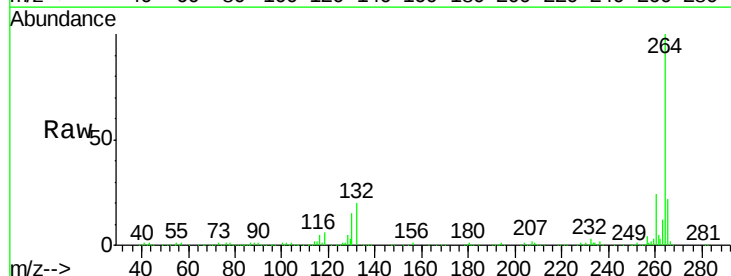
Instrument :
BNA_F
ClientSampleId :
PB88925BS

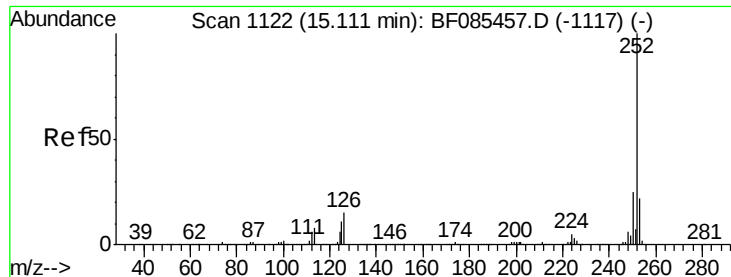
Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.3	26.4	39.6
277	25.1	20.2	30.2



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1157
Delta R.T. -0.02 min
Lab File: BF085471.D
Acq: 16 Mar 2016 19:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.6	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 48.68 ng

RT: 15.09 min Scan# 1120

Delta R.T. -0.02 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

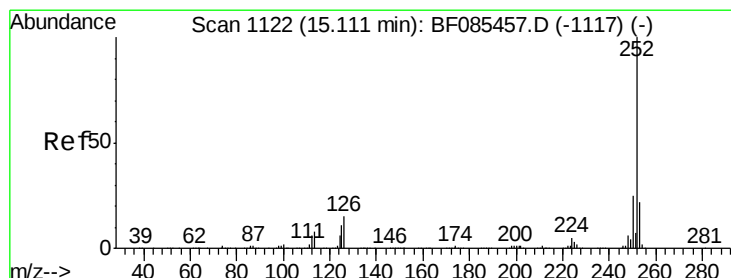
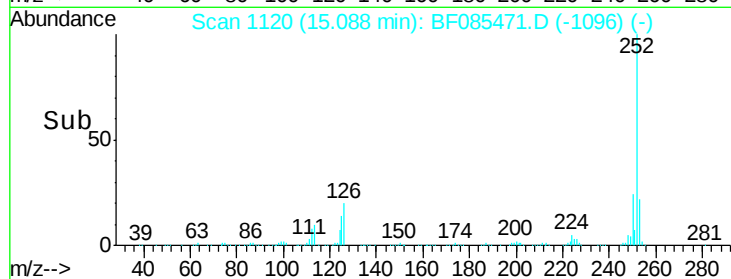
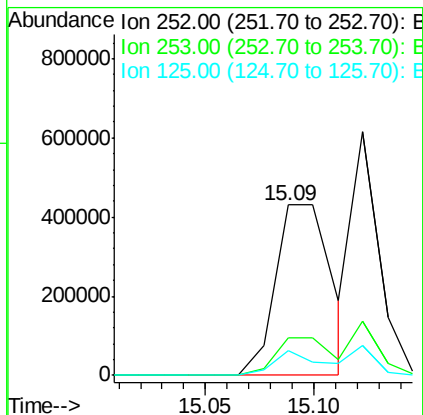
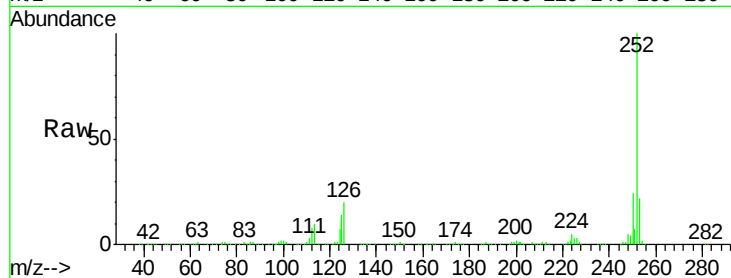
Instrument :

BNA_F

ClientSampleId :

PB88925BS

Tgt Ion:	252	Resp:	772567
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	14.4	11.3	16.9



#88

Benzo(k)fluoranthene

Concen: 62.15 ng

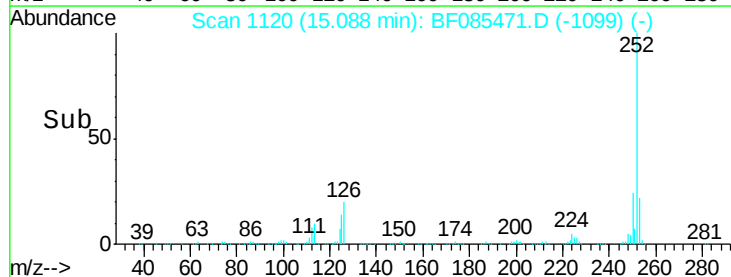
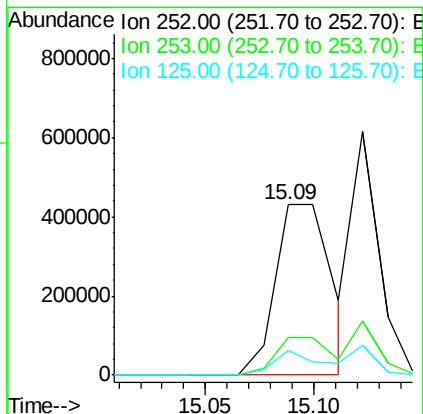
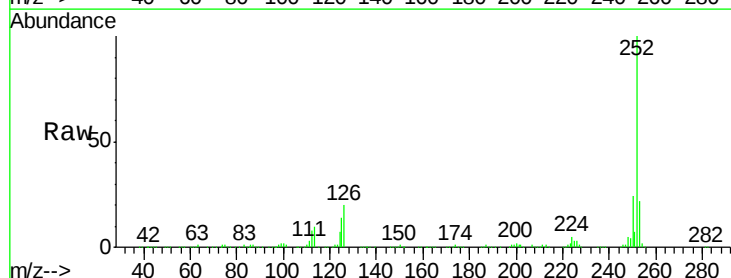
RT: 15.09 min Scan# 1120

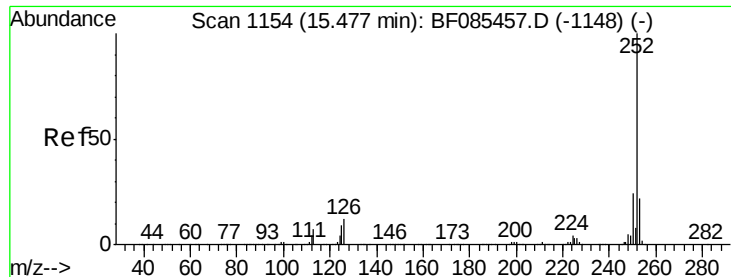
Delta R.T. -0.06 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

Tgt Ion:	252	Resp:	772567
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	14.4	10.4	15.6





#89

Benzo(a)pyrene

Concen: 44.84 ng

RT: 15.45 min Scan# 1152

Delta R.T. -0.02 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

Instrument :

BNA_F

ClientSampleId :

PB88925BS

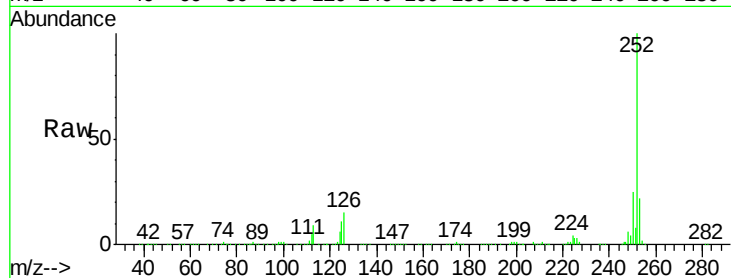
Tgt Ion:252 Resp: 614728

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

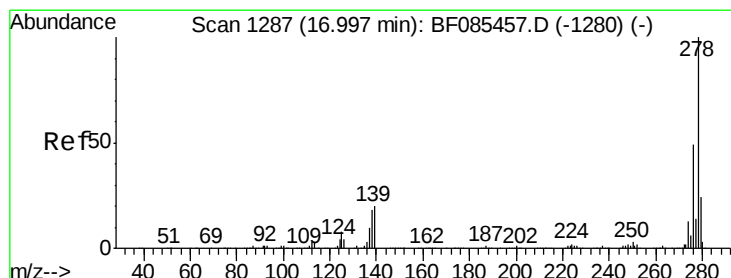
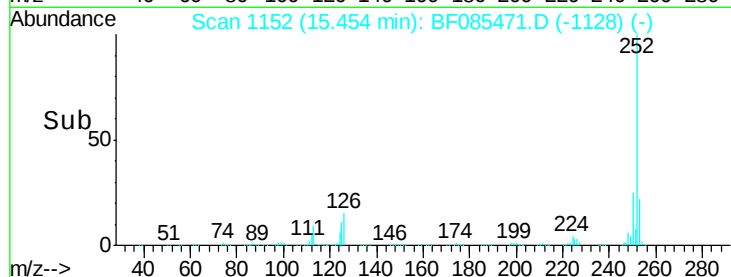
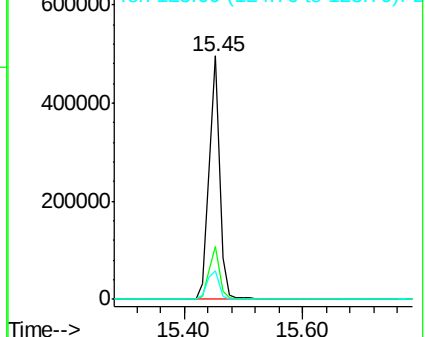
125 11.5 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.80 ng

RT: 16.96 min Scan# 1284

Delta R.T. -0.03 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

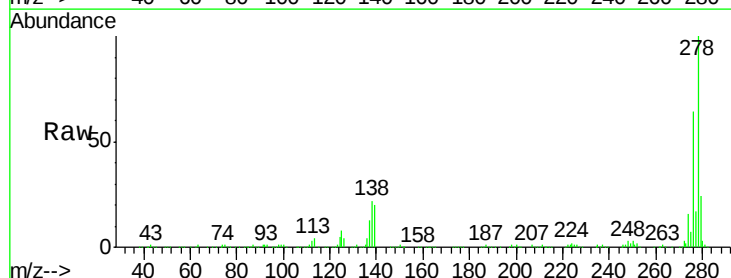
Tgt Ion:278 Resp: 559857

Ion Ratio Lower Upper

278 100

139 20.4 17.3 25.9

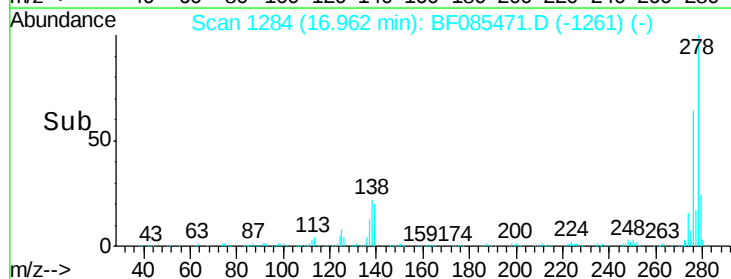
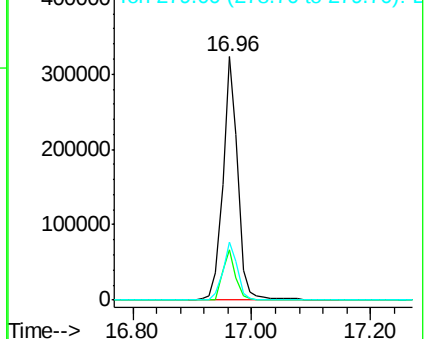
279 23.7 19.2 28.8

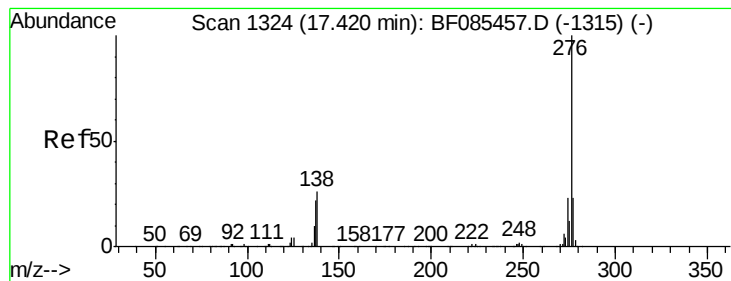


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 42.17 ng

RT: 17.39 min Scan# 1321

Delta R.T. -0.03 min

Lab File: BF085471.D

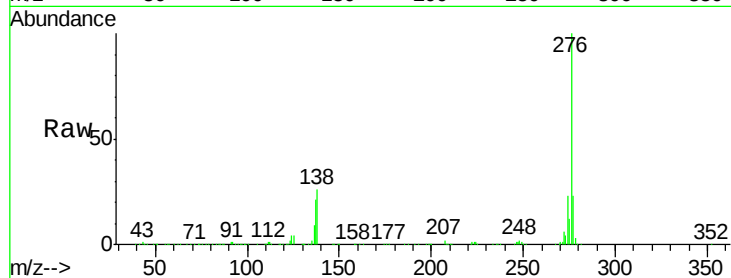
Acq: 16 Mar 2016 19:38

Instrument :

BNA_F

ClientSampleId :

PB88925BS



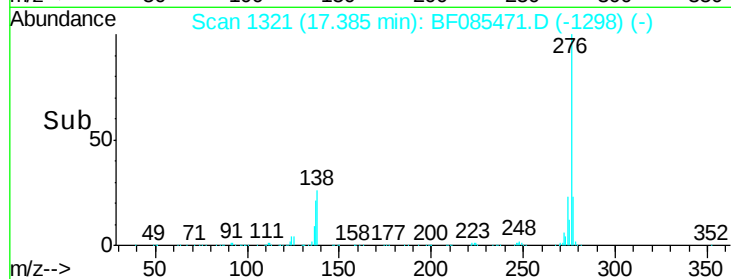
Tgt Ion: 276 Resp: 576794

Ion Ratio Lower Upper

276 100

277 23.2 19.0 28.4

138 25.7 22.5 33.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

