

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
 Data File : BF085666.D
 Acq On : 22 Mar 2016 18:46
 Operator : UM/SJ
 Sample : PB89079BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89079BS

Quant Time: Mar 22 23:55:35 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	135283	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	534275	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	280263	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	542925	20.00	ng	-0.02
75) Chrysene-d12	13.99	240	434781	20.00	ng	-0.02
86) Perylene-d12	15.41	264	300678	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	823921	102.30	ng	-0.01
7) Phenol-d6	6.47	99	1072773	103.85	ng	-0.02
23) Nitrobenzene-d5	7.40	82	709366	77.07	ng	-0.03
41) 2,4,6-Tribromophenol	10.66	330	277970	101.25	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	1299590	77.32	ng	-0.02
78) Terphenyl-d14	12.94	244	1217471	67.38	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	115148	29.41	ng	96
3) Pyridine	3.22	79	287433	29.90	ng	100
4) n-Nitrosodimethylamine	3.17	42	131867	32.86	ng	100
6) Aniline	6.49	93	227709	16.41	ng	# 80
8) 2-Chlorophenol	6.62	128	344803	37.01	ng	97
9) Benzaldehyde	6.38	77	49482	7.38	ng	96
10) Phenol	6.48	94	354439	30.12	ng	96
11) bis(2-Chloroethyl)ether	6.57	93	330227	37.23	ng	99
12) 1,3-Dichlorobenzene	7.01	146	337036	33.19	ng	98
13) 1,4-Dichlorobenzene	6.85	146	347977	33.60	ng	99
14) 1,2-Dichlorobenzene	7.01	146	337279	36.68	ng	98
15) Benzyl Alcohol	6.98	79	272610	38.53	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.11	45	407912	34.97	ng	97
17) 2-Methylphenol	7.10	107	297023	38.46	ng	99
18) Hexachloroethane	7.35	117	127653	34.14	ng	92
19) n-Nitroso-di-n-propylamine	7.25	70	218509	35.41	ng	93
20) 3+4-Methylphenols	7.25	107	329890	36.88	ng	95
22) Acetophenone	7.25	105	423815	33.43	ng	# 98
24) Nitrobenzene	7.42	77	360316	35.76	ng	96
25) Isophorone	7.66	82	665455	36.11	ng	98
26) 2-Nitrophenol	7.74	139	198981	39.96	ng	97
27) 2,4-Dimethylphenol	7.77	122	320484	36.40	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	433316	41.34	ng	100
29) 2,4-Dichlorophenol	7.98	162	286559	39.41	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	282553	34.69	ng	98
31) Naphthalene	8.14	128	936544	34.73	ng	100
32) Benzoic acid	7.90	122	197626	26.84	ng	98
33) 4-Chloroaniline	8.20	127	86323	7.81	ng	98
34) Hexachlorobutadiene	8.26	225	154233	35.53	ng	98
35) Caprolactam	8.56	113	58277	23.29	ng	99
36) 4-Chloro-3-methylphenol	8.69	107	343517	40.45	ng	91
37) 2-Methylnaphthalene	8.84	142	684221	41.62	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	258614	30.42	ng	99
40) Hexachlorocyclopentadiene	8.98	237	246970	64.46	ng	99

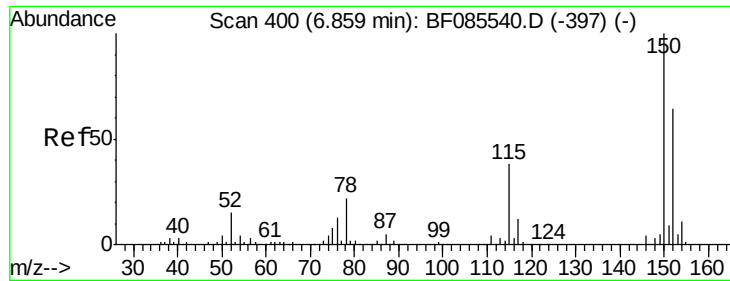
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
 Data File : BF085666.D
 Acq On : 22 Mar 2016 18:46
 Operator : UM/SJ
 Sample : PB89079BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89079BS

Quant Time: Mar 22 23:55:35 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	193390	33.23	ng	100
43) 2,4,5-Trichlorophenol	9.16	196	208142	35.14	ng #	87
45) 1,1'-Biphenyl	9.29	154	761365	31.49	ng	99
46) 2-Chloronaphthalene	9.33	162	617595	34.97	ng	99
47) 2-Nitroaniline	9.42	65	191340	35.81	ng	97
48) Acenaphthylene	9.74	152	1012873	35.44	ng	100
49) Dimethylphthalate	9.60	163	717186	33.91	ng	100
50) 2,6-Dinitrotoluene	9.66	165	151707	33.98	ng	94
51) Acenaphthene	9.91	154	615602	34.32	ng	99
52) 3-Nitroaniline	9.83	138	85479	15.29	ng	92
53) 2,4-Dinitrophenol	9.94	184	170247	62.24	ng #	70
54) Dibenzofuran	10.08	168	858158	39.29	ng	99
55) 4-Nitrophenol	10.00	139	272258	63.00	ng	97
56) 2,4-Dinitrotoluene	10.07	165	233867	40.01	ng #	76
57) Fluorene	10.42	166	681589	37.44	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	162421	38.09	ng	98
59) Diethylphthalate	10.30	149	706598	33.60	ng	99
60) 4-Chlorophenyl-phenylether	10.41	204	305618	34.38	ng	97
61) 4-Nitroaniline	10.45	138	183387	33.27	ng	93
62) Azobenzene	10.57	77	770336	38.18	ng	99
64) 4,6-Dinitro-2-methylphenol	10.48	198	114927	33.08	ng #	54
65) n-Nitrosodiphenylamine	10.54	169	630644	37.29	ng	99
66) 4-Bromophenyl-phenylether	10.90	248	206120	38.00	ng	95
67) Hexachlorobenzene	10.97	284	219261	38.05	ng	96
68) Atrazine	11.06	200	213630	41.49	ng	100
69) Pentachlorophenol	11.17	266	229545	65.61	ng	100
70) Phenanthrene	11.38	178	1093973	38.21	ng	100
71) Anthracene	11.43	178	958321	31.93	ng	99
72) Carbazole	11.59	167	986898	38.11	ng	100
73) Di-n-butylphthalate	11.92	149	1221432	37.67	ng	99
74) Fluoranthene	12.56	202	1002706	33.45	ng	97
76) Benzidine	12.69	184	308100	21.07	ng	98
77) Pyrene	12.79	202	1018250	32.62	ng	99
79) Butylbenzylphthalate	13.41	149	487446	32.76	ng #	73
80) Benzo(a)anthracene	13.98	228	833456	33.02	ng	99
81) 3,3'-Dichlorobenzidine	13.94	252	125833	13.60	ng #	97
82) Chrysene	14.01	228	732882	30.18	ng	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	584496	31.62	ng #	98
84) Di-n-octyl phthalate	14.59	149	1060329	35.20	ng	97
85) Indeno(1,2,3-cd)pyrene	16.79	276	569023	28.04	ng	99
87) Benzo(b)fluoranthene	15.03	252	1330294	67.81	ng	99
88) Benzo(k)fluoranthene	15.03	252	1331242	82.36	ng #	97
89) Benzo(a)pyrene	15.35	252	609406	36.64	ng	98
90) Dibenzo(a,h)anthracene	16.80	278	478907	34.52	ng	97
91) Benzo(g,h,i)perylene	17.21	276	471447	35.11	ng #	93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 398

Delta R.T. -0.02 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

Instrument :

BNA_F

ClientSampleId :

PB89079BS

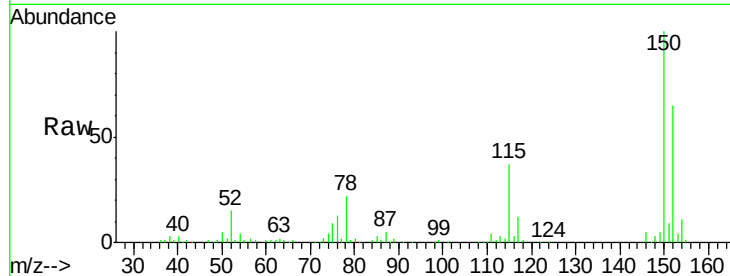
Tgt Ion:152 Resp: 135283

Ion Ratio Lower Upper

152 100

150 154.4 124.2 186.2

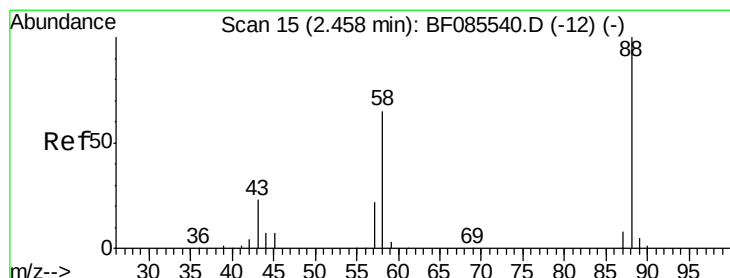
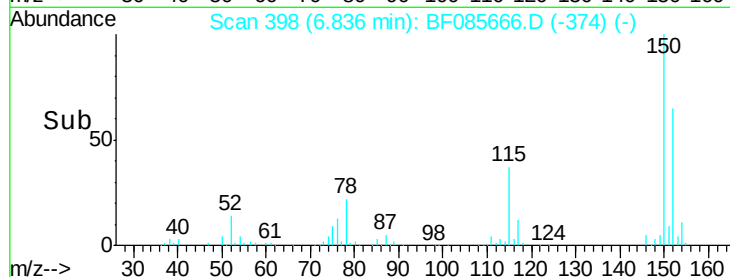
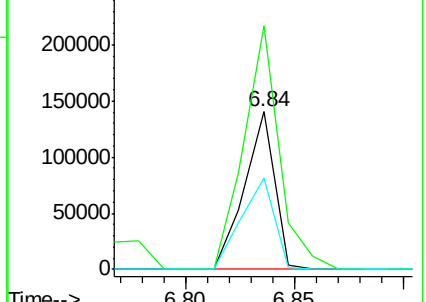
115 57.8 47.0 70.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 29.41 ng

RT: 2.50 min Scan# 19

Delta R.T. 0.05 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

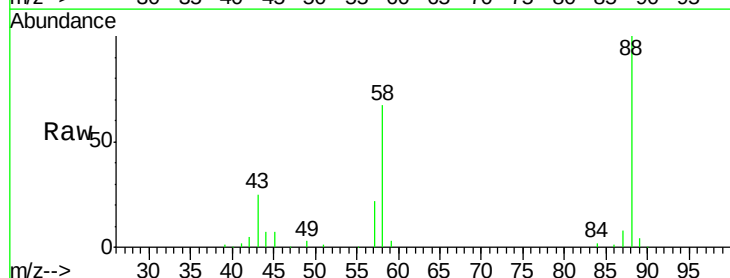
Tgt Ion: 88 Resp: 115148

Ion Ratio Lower Upper

88 100

58 71.4 54.2 81.2

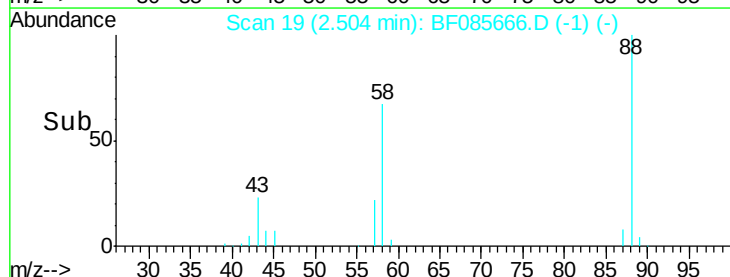
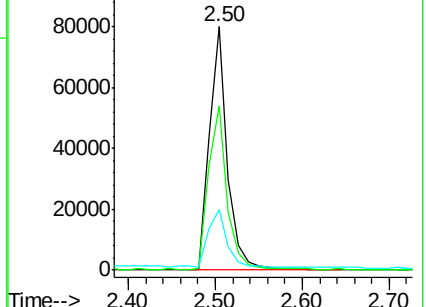
43 25.7 19.3 28.9

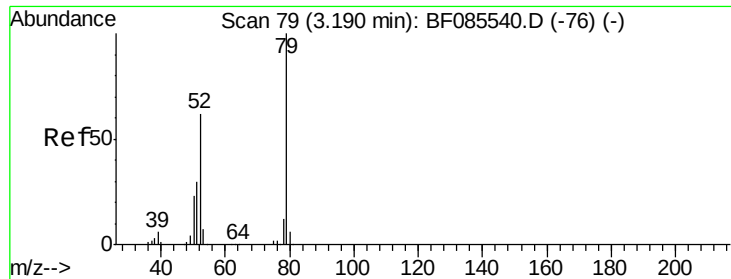


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 29.90 ng

RT: 3.22 min Scan# 82

Delta R.T. 0.03 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

Instrument :

BNA_F

ClientSampleId :

PB89079BS

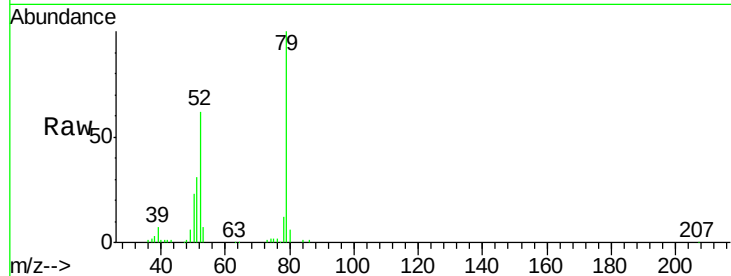
Tgt Ion: 79 Resp: 287433

Ion Ratio Lower Upper

79 100

52 62.0 49.8 74.6

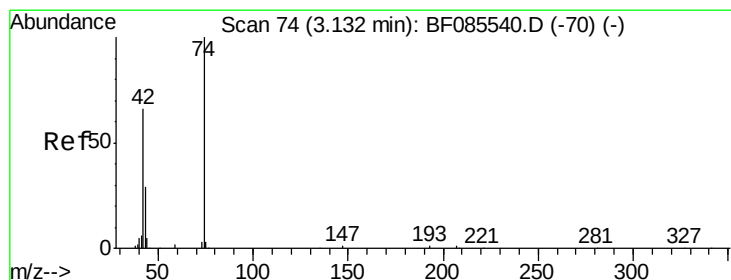
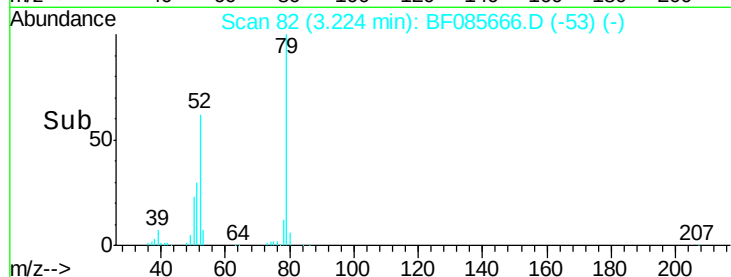
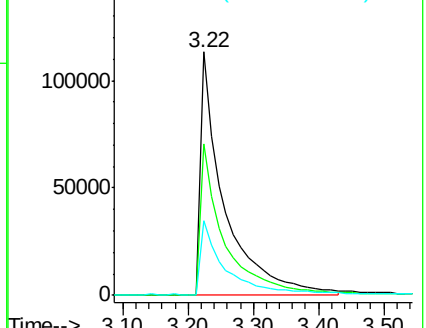
51 30.9 24.7 37.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 32.86 ng

RT: 3.17 min Scan# 77

Delta R.T. 0.03 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

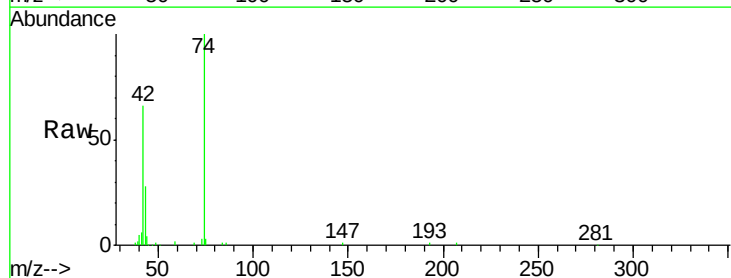
Tgt Ion: 42 Resp: 131867

Ion Ratio Lower Upper

42 100

74 151.5 121.4 182.2

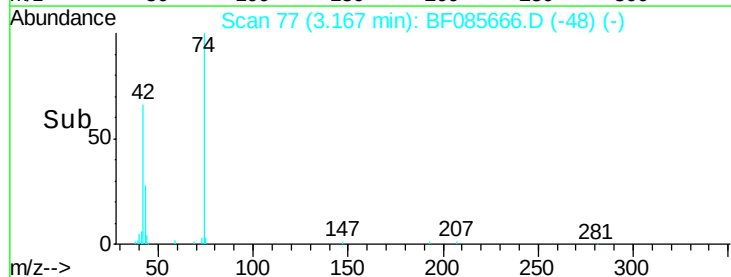
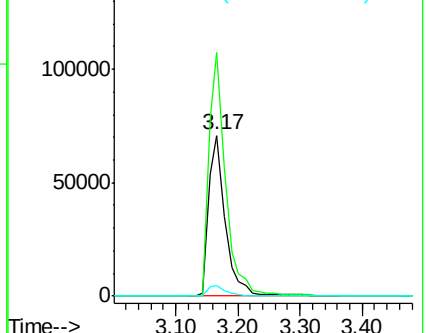
44 6.8 5.6 8.4

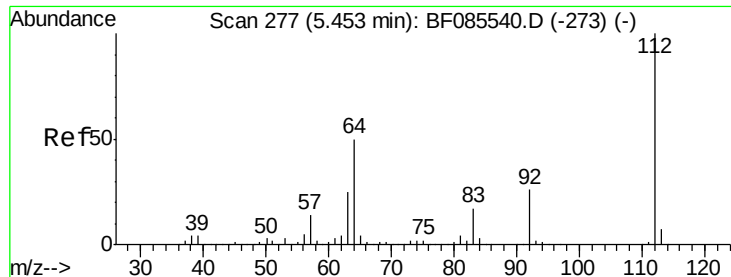


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 102.30 ng

RT: 5.44 min Scan# 276

Delta R.T. -0.01 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

Instrument :

BNA_F

ClientSampleId :

PB89079BS

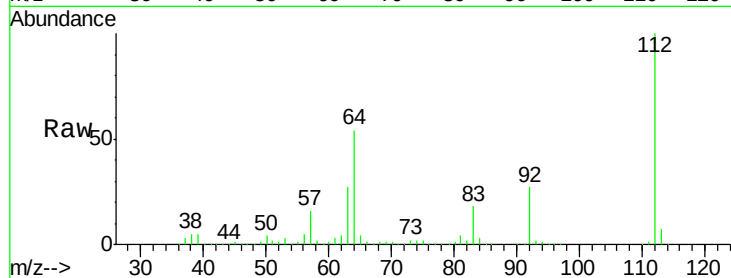
Tgt Ion: 112 Resp: 823921

Ion Ratio Lower Upper

112 100

64 53.9 39.9 59.9

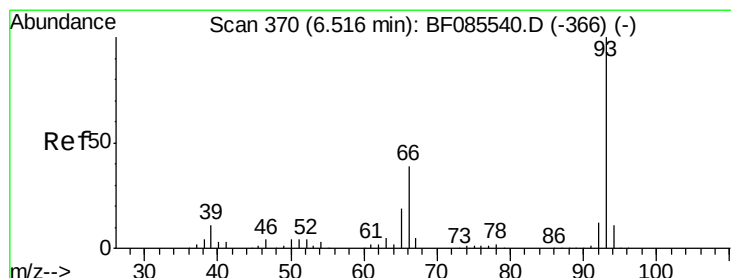
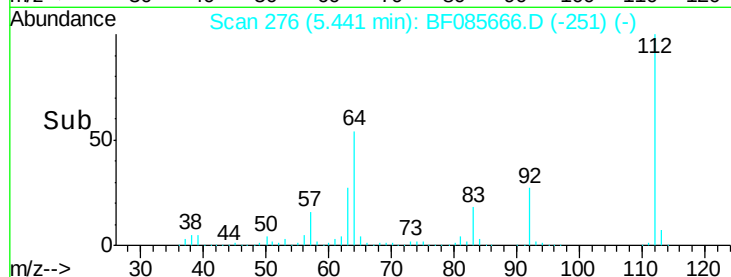
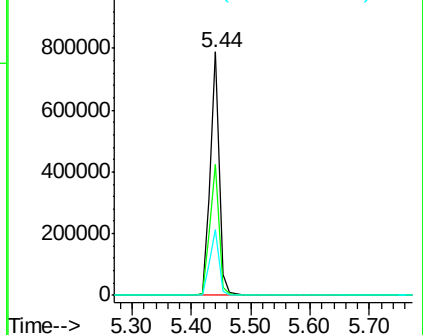
63 27.1 20.2 30.2



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: 16.41 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.02 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

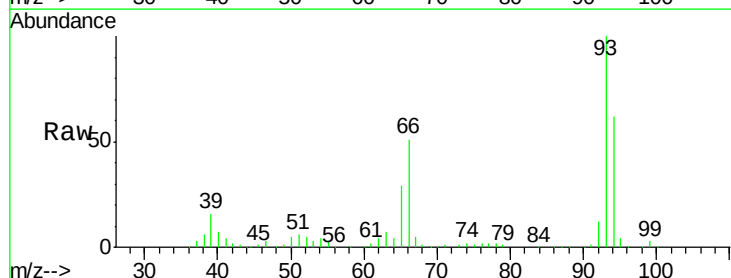
Tgt Ion: 93 Resp: 227709

Ion Ratio Lower Upper

93 100

66 51.4 31.4 47.2#

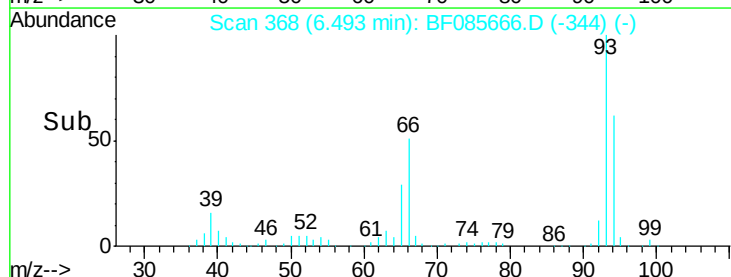
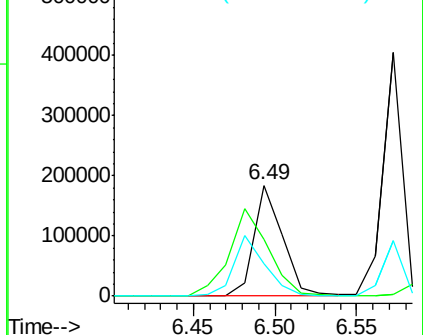
65 29.1 15.7 23.5#

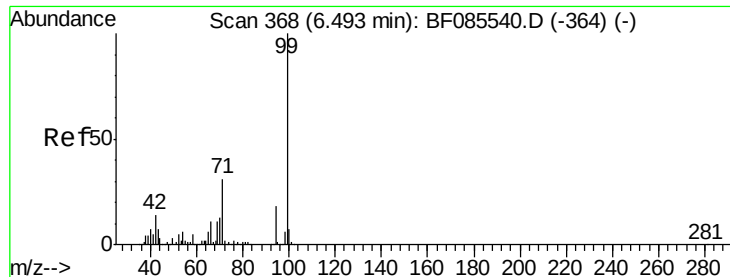


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 103.85 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.02 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

Instrument :

BNA_F

ClientSampleId :

PB89079BS

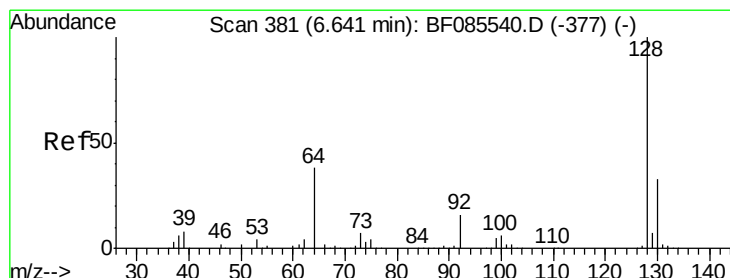
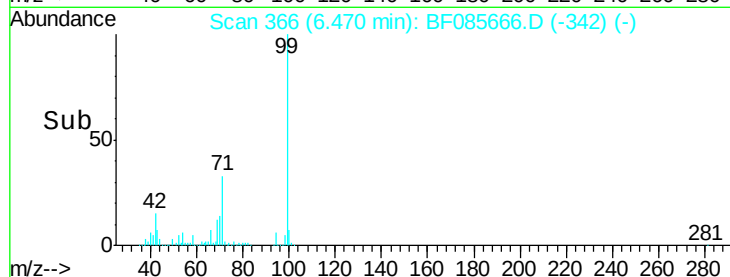
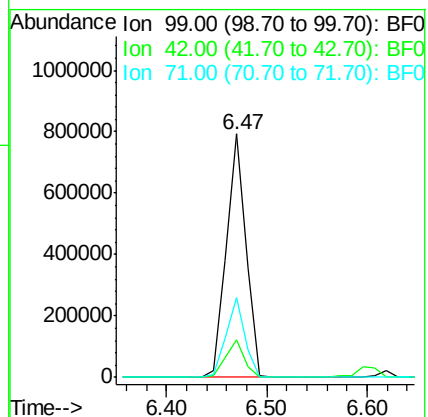
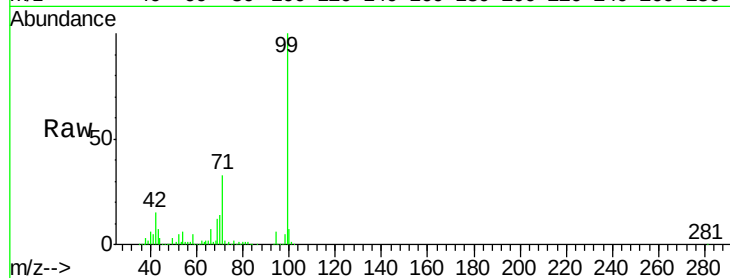
Tgt Ion: 99 Resp: 1072773

Ion Ratio Lower Upper

99 100

42 15.2 11.1 16.7

71 32.8 24.9 37.3



#8

2-Chlorophenol

Concen: 37.01 ng

RT: 6.62 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

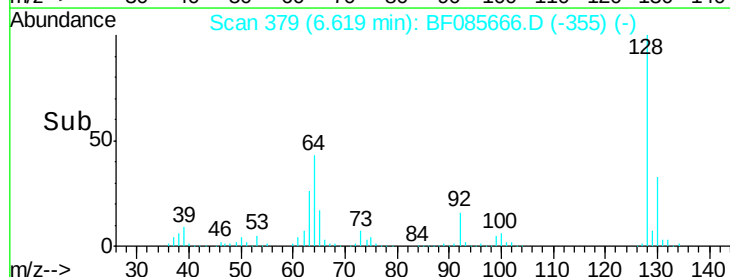
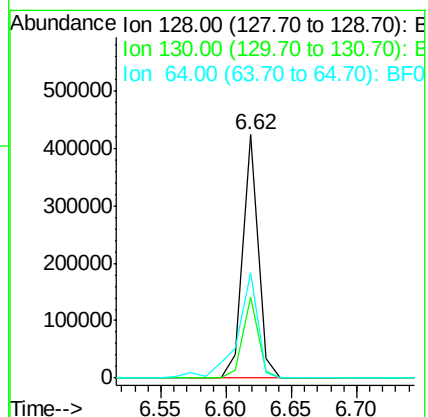
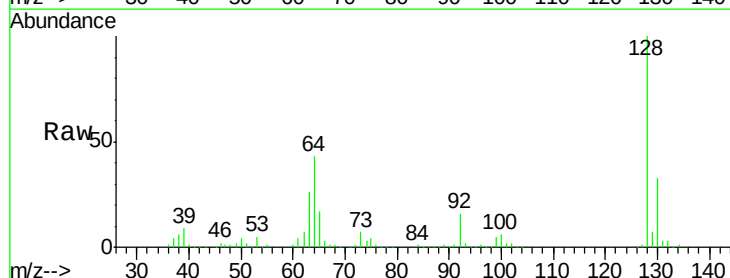
Tgt Ion: 128 Resp: 344803

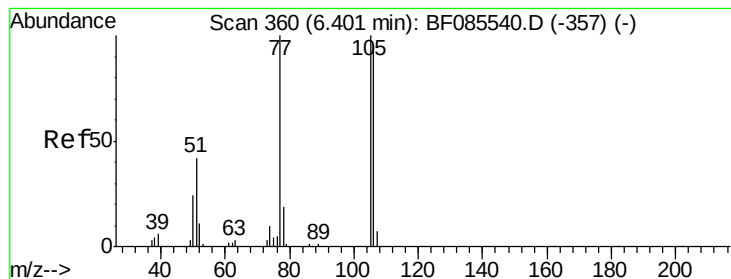
Ion Ratio Lower Upper

128 100

130 33.4 12.9 52.9

64 43.3 20.2 60.2





#9

Benzaldehyde

Concen: 7.38 ng

RT: 6.38 min Scan# 358

Delta R.T. -0.02 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

Instrument :

BNA_F

ClientSampleId :

PB89079BS

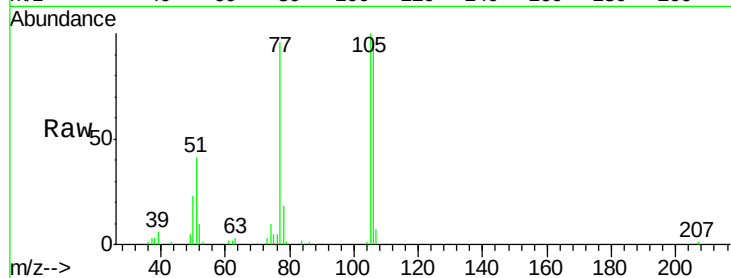
Tgt Ion: 77 Resp: 49482

Ion Ratio Lower Upper

77 100

105 104.6 80.1 120.1

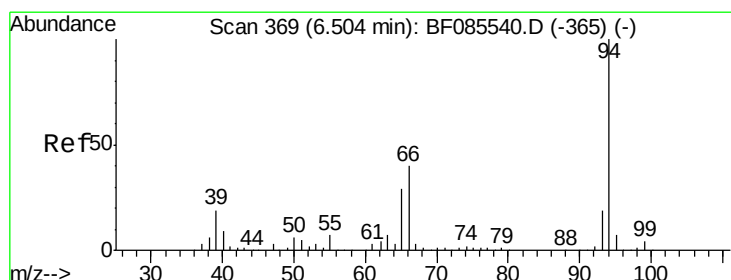
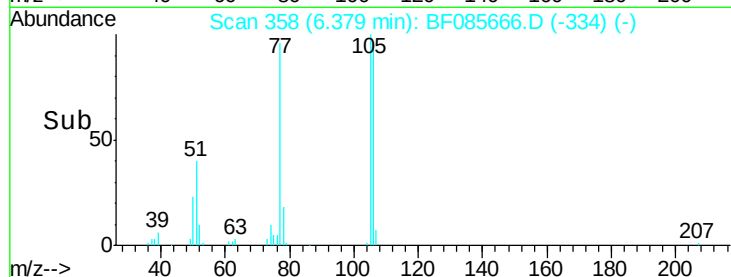
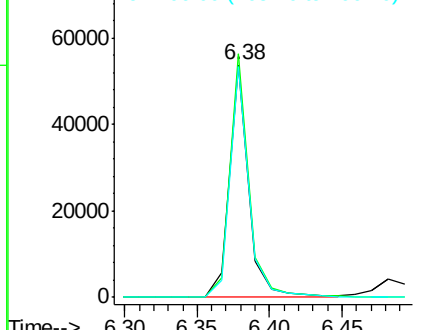
106 99.0 75.0 115.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 30.12 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.02 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

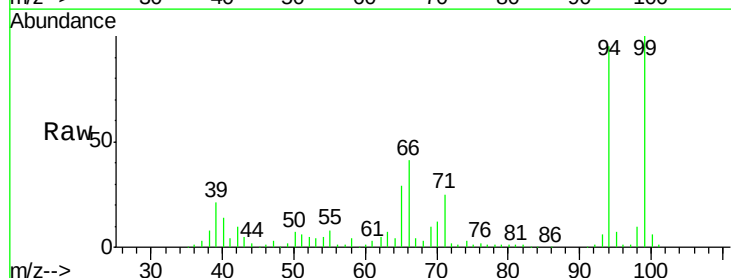
Tgt Ion: 94 Resp: 354439

Ion Ratio Lower Upper

94 100

65 30.0 8.6 48.6

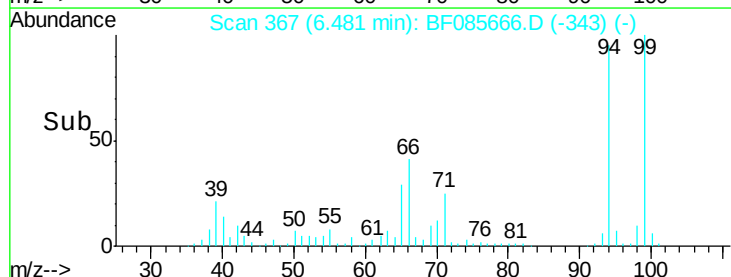
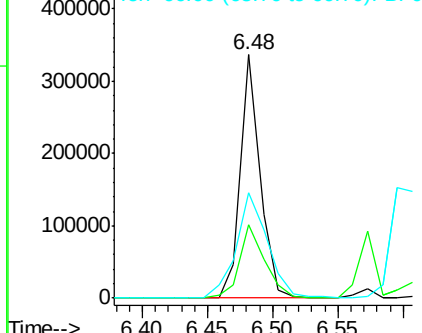
66 43.1 20.0 60.0

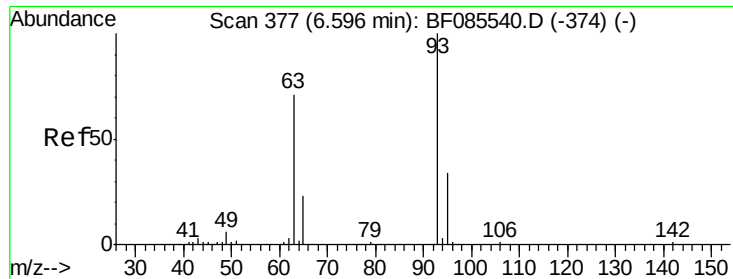


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

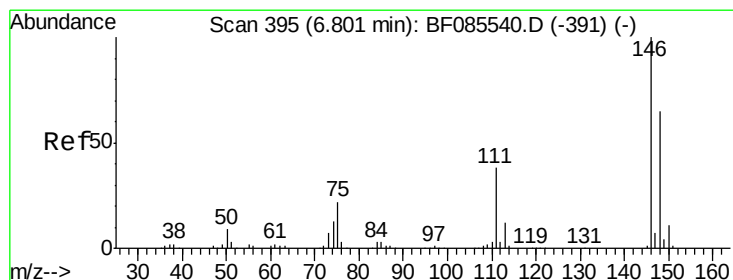
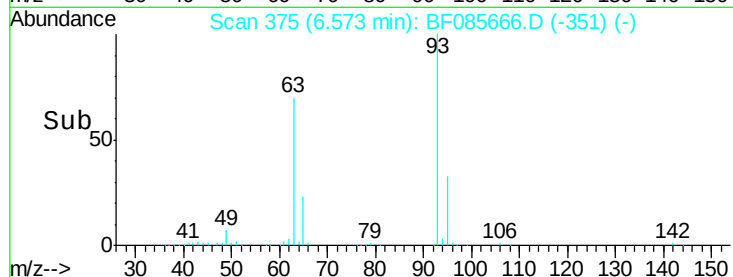
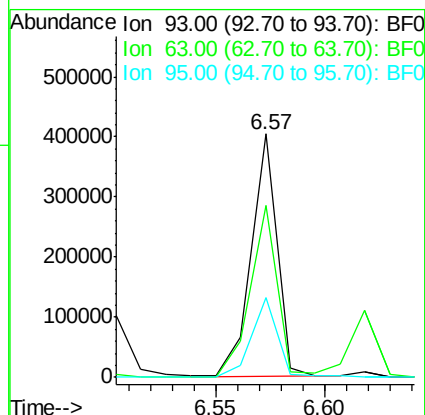
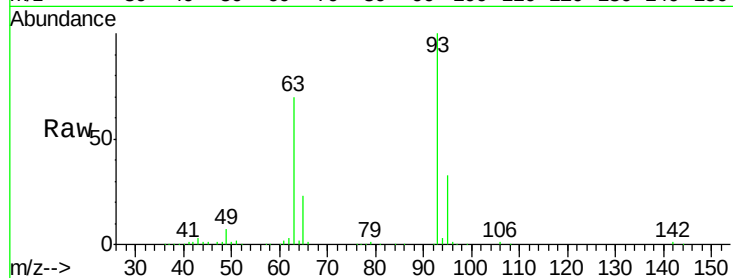




#11
 bis(2-Chloroethyl)ether
 Concen: 37.23 ng
 RT: 6.57 min Scan# 375
 Delta R.T. -0.02 min
 Lab File: BF085666.D
 Acq: 22 Mar 2016 18:46

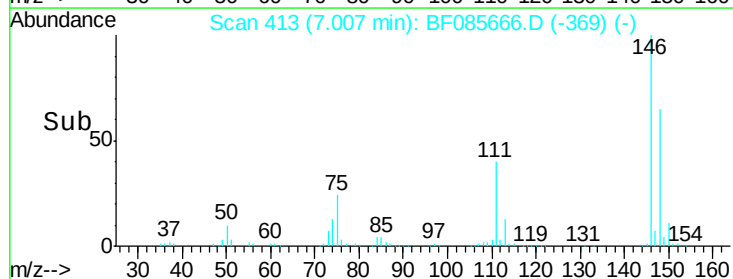
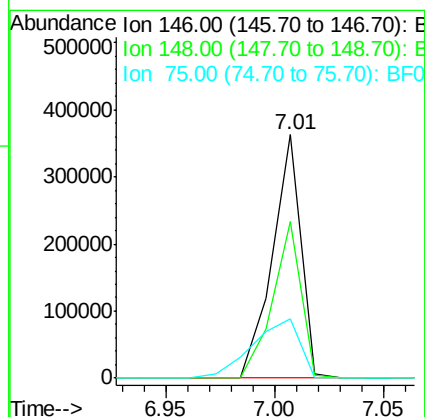
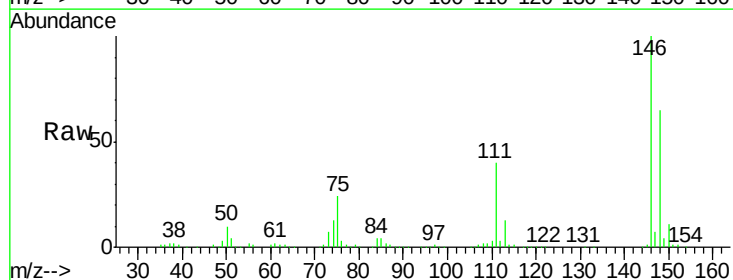
Instrument :
 BNA_F
 ClientSampleId :
 PB89079BS

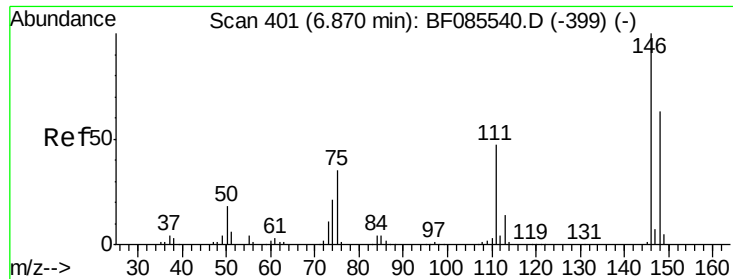
Tgt Ion: 93 Resp: 330227
 Ion Ratio Lower Upper
 93 100
 63 70.5 50.9 90.9
 95 32.9 13.3 53.3



#12
 1,3-Dichlorobenzene
 Concen: 33.19 ng
 RT: 7.01 min Scan# 413
 Delta R.T. 0.21 min
 Lab File: BF085666.D
 Acq: 22 Mar 2016 18:46

Tgt Ion: 146 Resp: 337036
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.3 78.5
 75 24.4 17.4 26.2

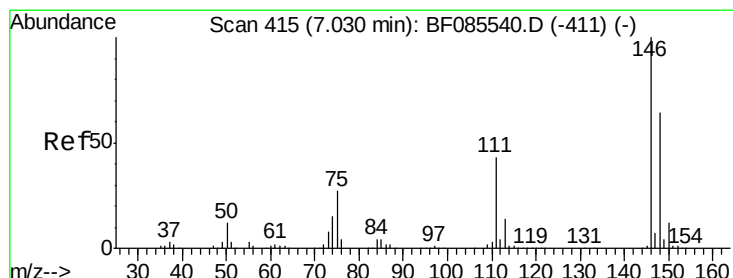
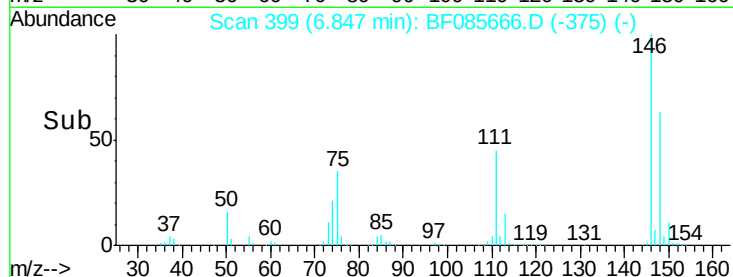
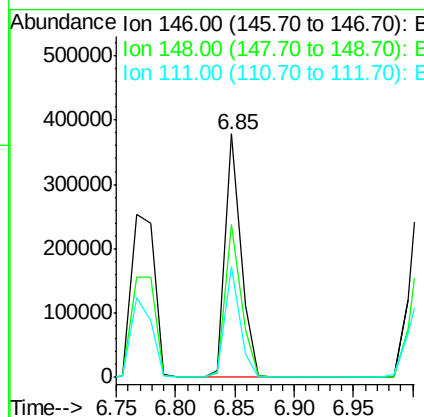
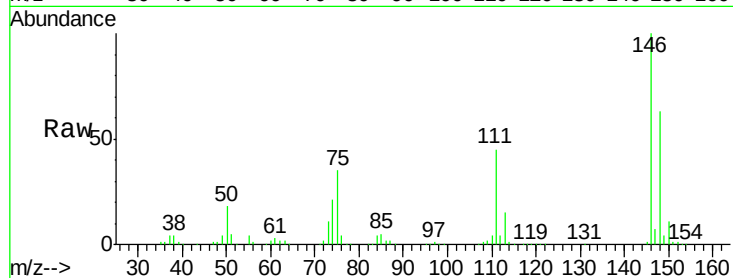




#13
 1,4-Dichlorobenzene
 Concen: 33.60 ng
 RT: 6.85 min Scan# 399
 Delta R.T. -0.02 min
 Lab File: BF085666.D
 Acq: 22 Mar 2016 18:46

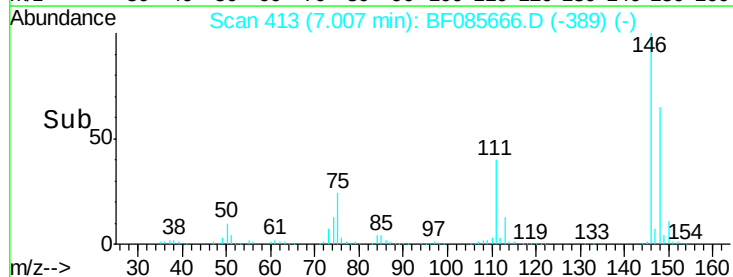
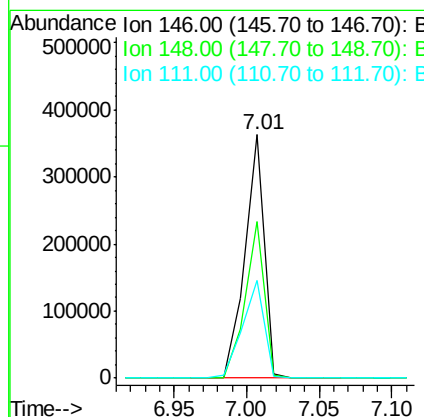
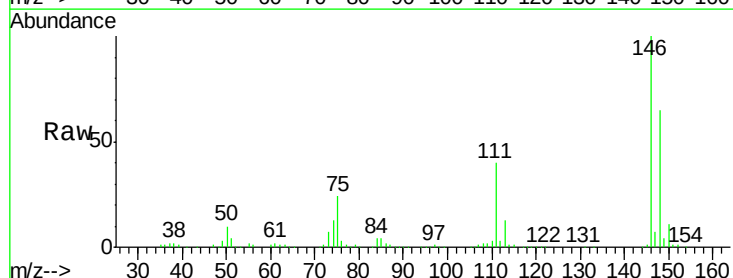
Instrument :
 BNA_F
 ClientSampleId :
 PB89079BS

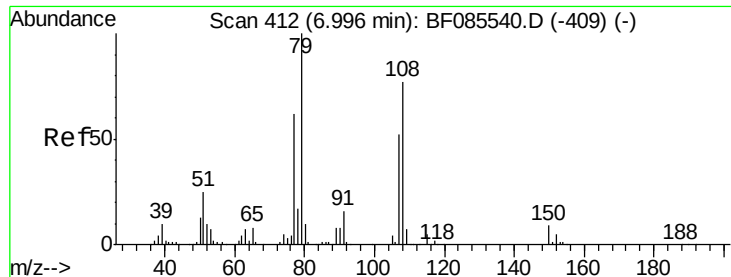
Tgt Ion:146 Resp: 347977
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.6 76.0
 111 45.4 37.8 56.6



#14
 1,2-Dichlorobenzene
 Concen: 36.68 ng
 RT: 7.01 min Scan# 413
 Delta R.T. -0.02 min
 Lab File: BF085666.D
 Acq: 22 Mar 2016 18:46

Tgt Ion:146 Resp: 337279
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.4 77.2
 111 40.3 34.6 52.0





#15

Benzyl Alcohol

Concen: 38.53 ng

RT: 6.98 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

Instrument :

BNA_F

ClientSampleId :

PB89079BS

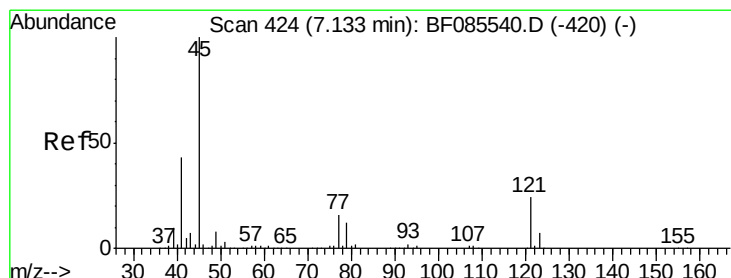
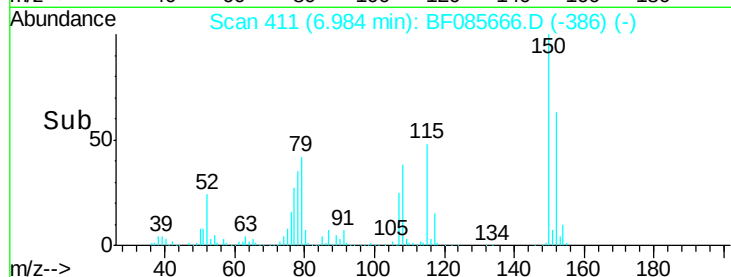
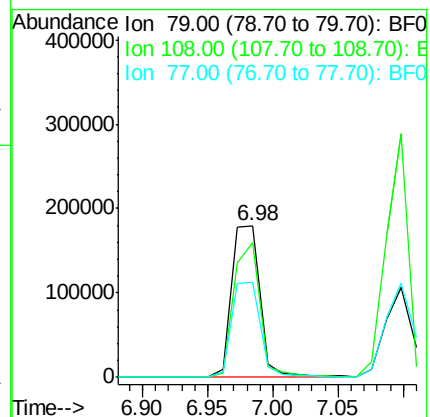
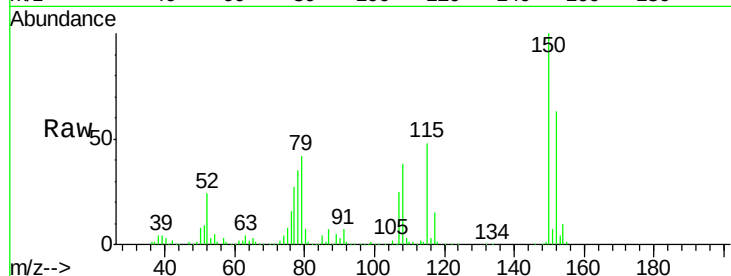
Tgt Ion: 79 Resp: 272610

Ion Ratio Lower Upper

79 100

108 88.6 61.8 92.6

77 62.9 49.6 74.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.97 ng

RT: 7.11 min Scan# 422

Delta R.T. -0.02 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

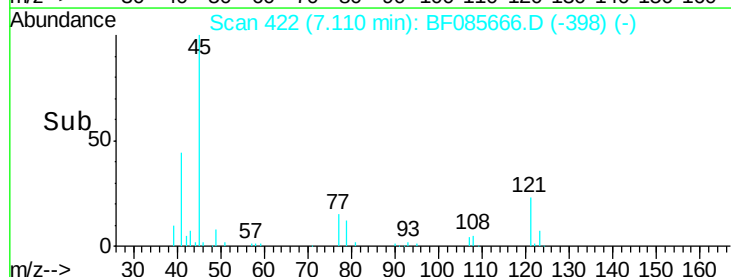
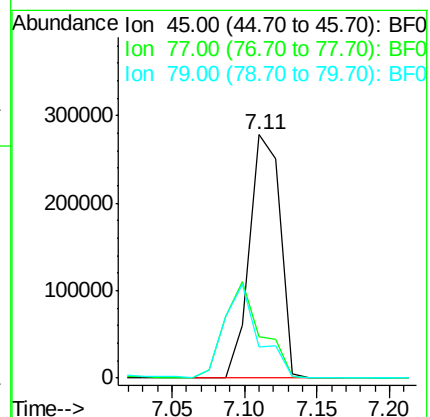
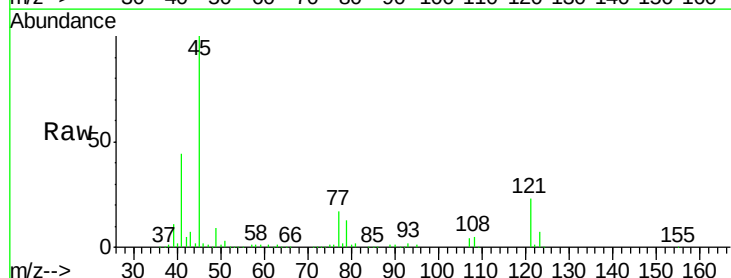
Tgt Ion: 45 Resp: 407912

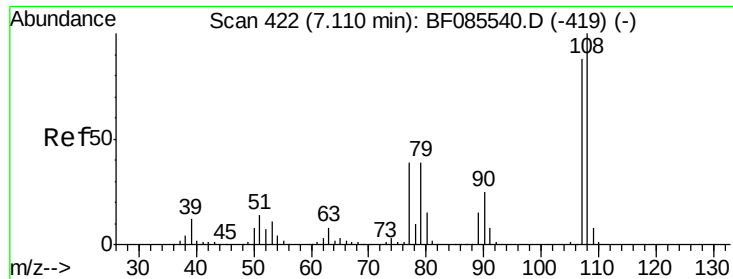
Ion Ratio Lower Upper

45 100

77 17.0 0.0 35.7

79 12.9 0.0 32.2

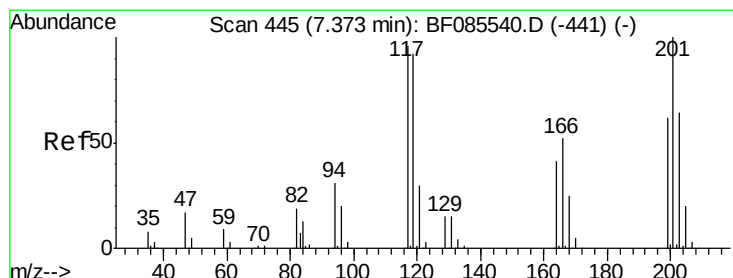
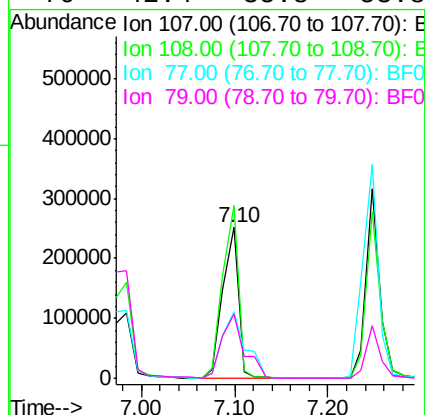
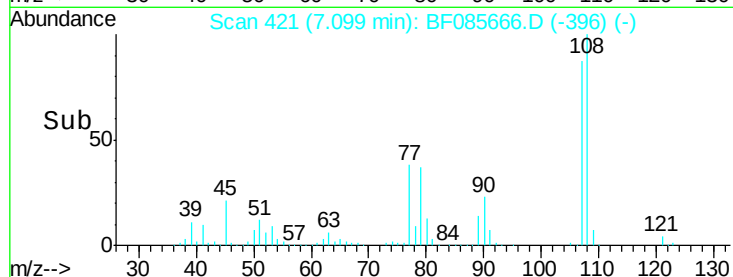
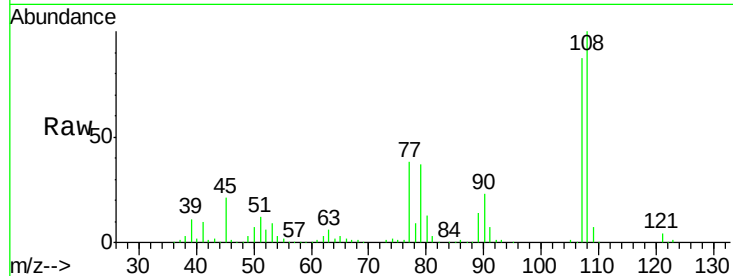




#17
2-Methylphenol
Concen: 38.46 ng
RT: 7.10 min Scan# 421
Delta R.T. -0.01 min
Lab File: BF085666.D
Acq: 22 Mar 2016 18:46

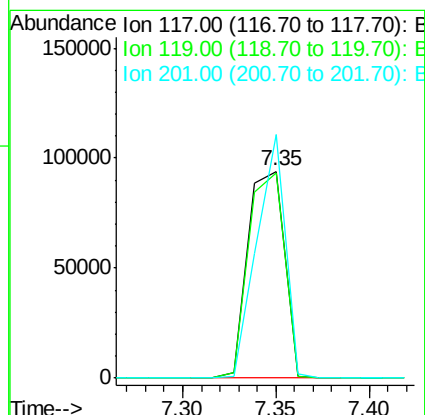
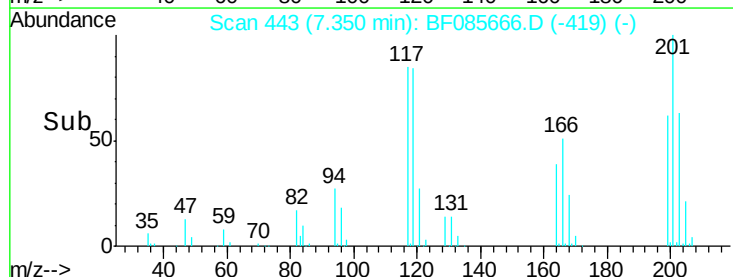
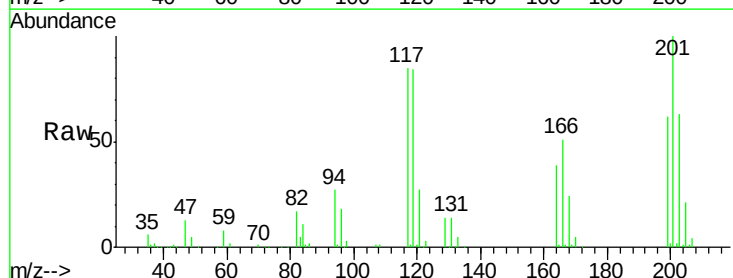
Instrument :
BNA_F
ClientSampleId :
PB89079BS

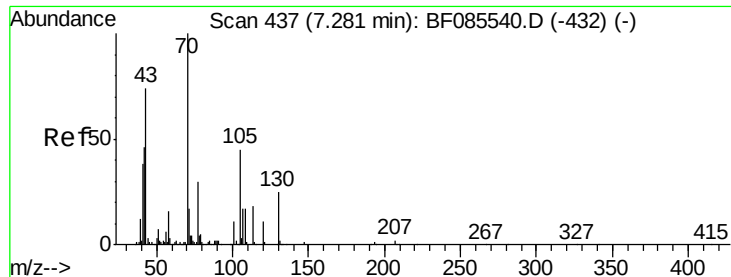
Tgt Ion:	107	Resp:	297023
Ion	Ratio	Lower	Upper
107	100		
108	114.6	91.4	137.0
77	43.9	36.2	54.2
79	42.4	35.8	53.8



#18
Hexachloroethane
Concen: 34.14 ng
RT: 7.35 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF085666.D
Acq: 22 Mar 2016 18:46

Tgt Ion:	117	Resp:	127653
Ion	Ratio	Lower	Upper
117	100		
119	99.1	76.7	115.1
201	117.7	83.3	124.9

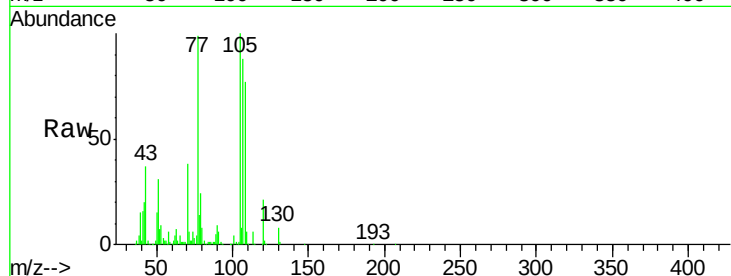




#19
n-Nitroso-di-n-propylamine
Concen: 35.41 ng
RT: 7.25 min Scan# 434
Delta R.T. -0.03 min
Lab File: BF085666.D
Acq: 22 Mar 2016 18:46

Instrument :
BNA_F
ClientSampleId :
PB89079BS

Tgt Ion:	70	Resp:	218509
Ion	Ratio	Lower	Upper
70	100		
42	51.7	37.1	55.7
101	9.9	8.6	12.8
130	20.4	19.6	29.4



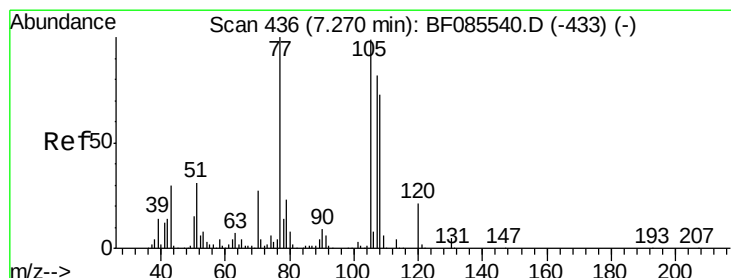
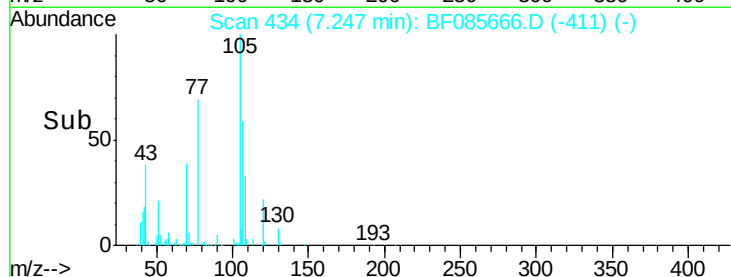
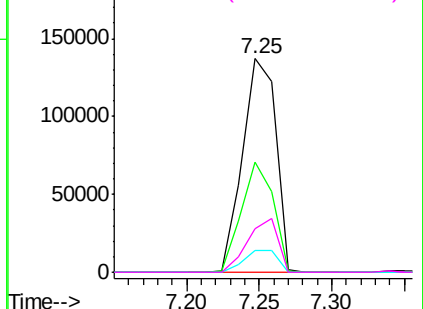
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

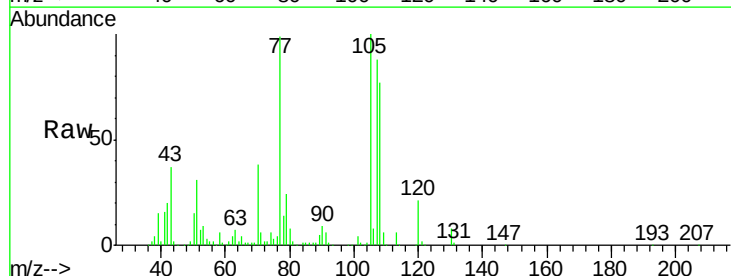
Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 36.88 ng
RT: 7.25 min Scan# 434
Delta R.T. -0.02 min
Lab File: BF085666.D
Acq: 22 Mar 2016 18:46

Tgt Ion:	107	Resp:	329890
Ion	Ratio	Lower	Upper
107	100		
108	87.6	69.3	109.3
77	112.6	101.7	141.7
79	27.5	8.3	48.3



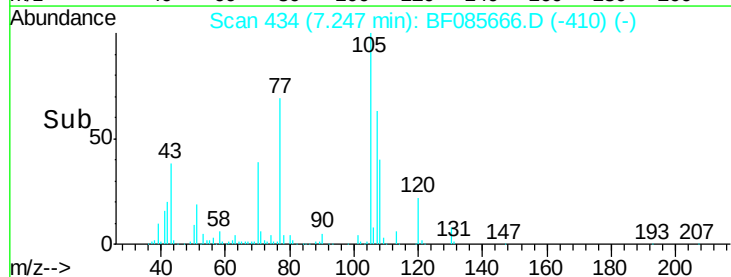
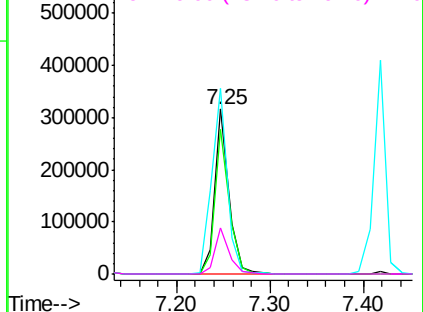
Abundance

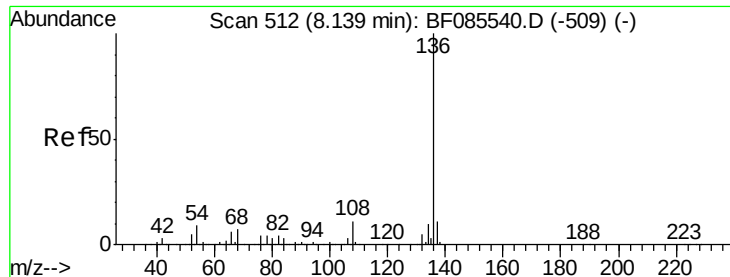
Ion 107.00 (106.70 to 107.70): E

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 510

Delta R.T. -0.02 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

Instrument :

BNA_F

ClientSampleId :

PB89079BS

Tgt Ion:136 Resp: 534275

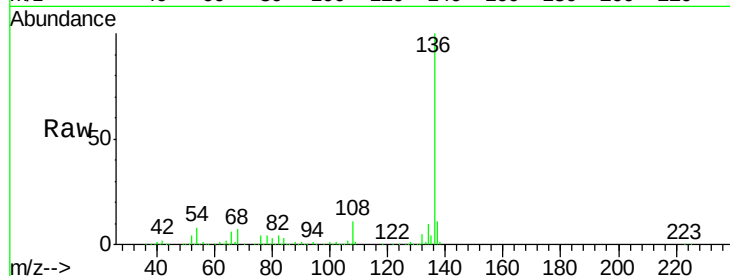
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.0 7.4 11.0

68 6.6 5.8 8.8

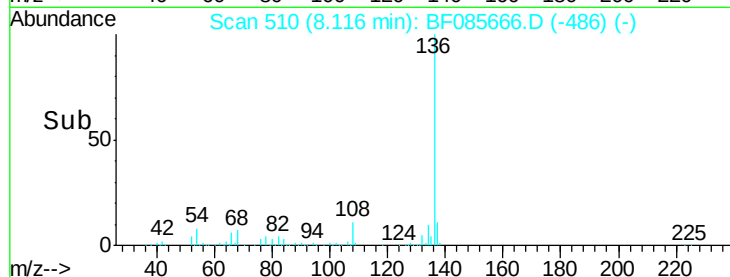


Abundance Ion 136.00 (135.70 to 136.70): E

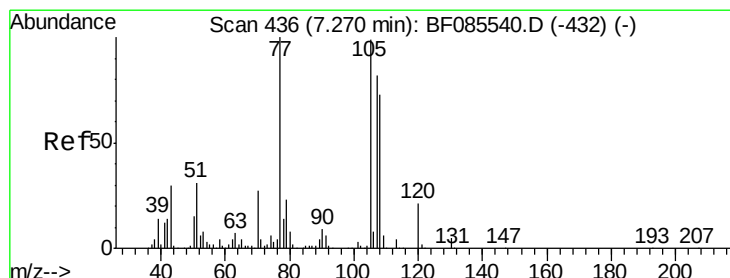
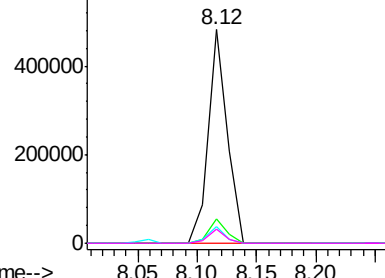
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 33.43 ng

RT: 7.25 min Scan# 434

Delta R.T. -0.02 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

Tgt Ion:105 Resp: 423815

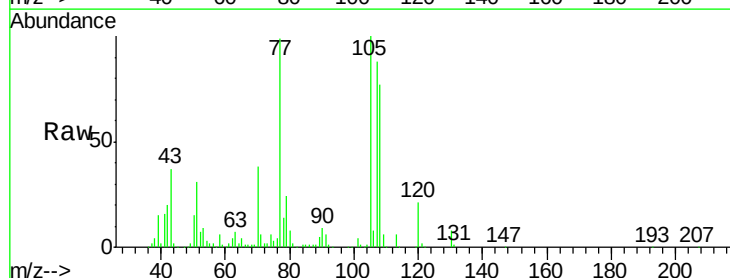
Ion Ratio Lower Upper

105 100

71 6.2 3.6 5.4#

51 30.7 25.4 38.0

120 21.3 16.9 25.3

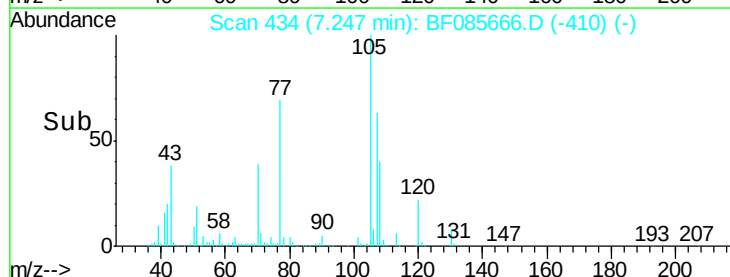


Abundance Ion 105.00 (104.70 to 105.70): E

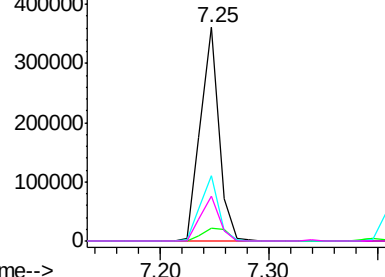
Ion 71.00 (70.70 to 71.70): BF0

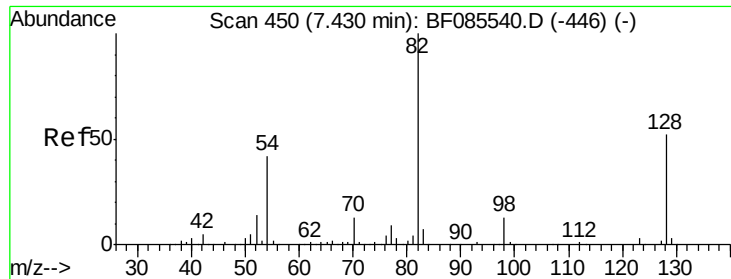
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

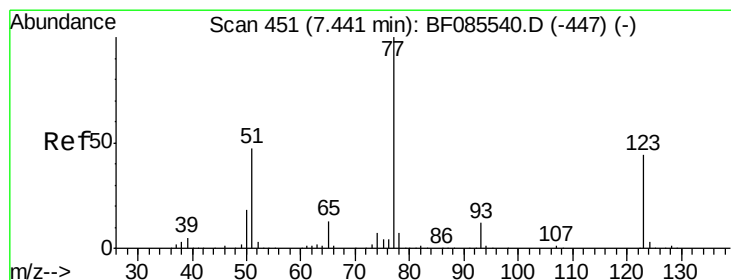
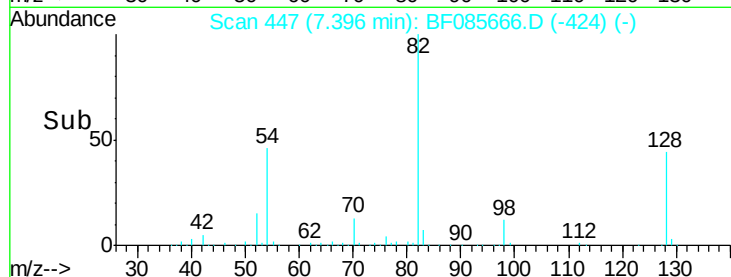
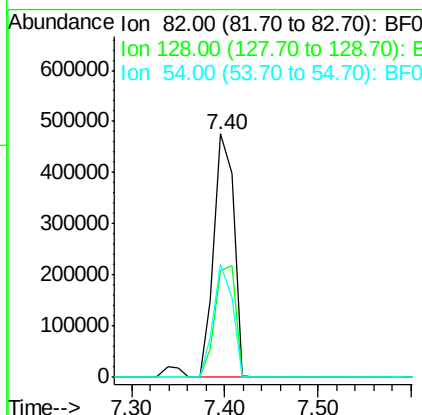
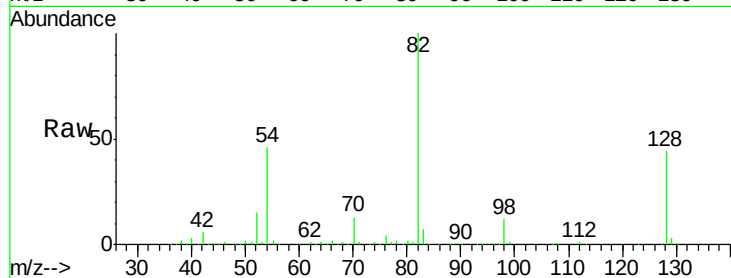




#23
 Nitrobenzene-d5
 Concen: 77.07 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.03 min
 Lab File: BF085666.D
 Acq: 22 Mar 2016 18:46

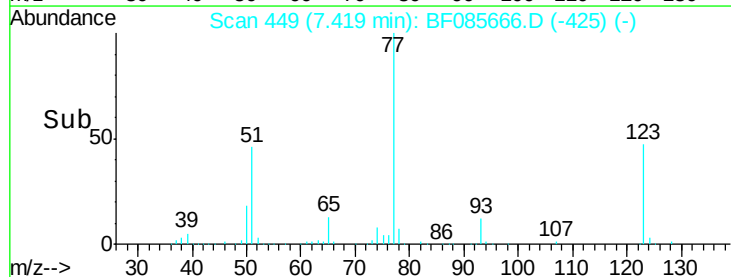
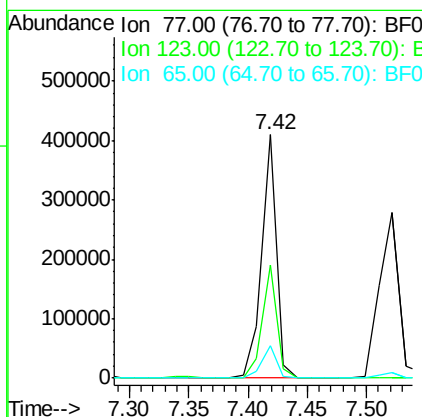
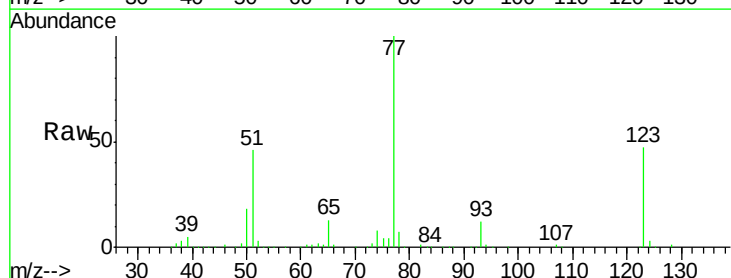
Instrument :
 BNA_F
 ClientSampleId :
 PB89079BS

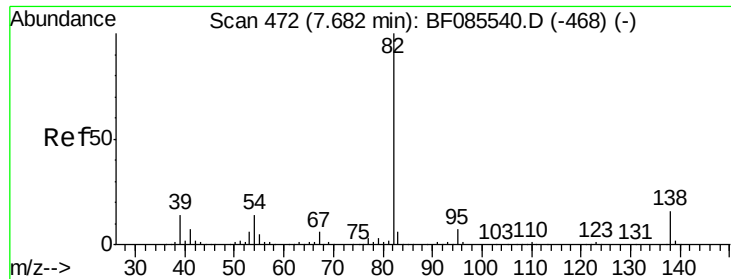
Tgt Ion: 82 Resp: 709366
 Ion Ratio Lower Upper
 82 100
 128 43.7 41.8 62.8
 54 46.3 33.4 50.0



#24
 Nitrobenzene
 Concen: 35.76 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.02 min
 Lab File: BF085666.D
 Acq: 22 Mar 2016 18:46

Tgt Ion: 77 Resp: 360316
 Ion Ratio Lower Upper
 77 100
 123 46.6 35.0 52.4
 65 13.1 10.6 16.0





#25

Isophorone

Concen: 36.11 ng

RT: 7.66 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

Instrument :

BNA_F

ClientSampleId :

PB89079BS

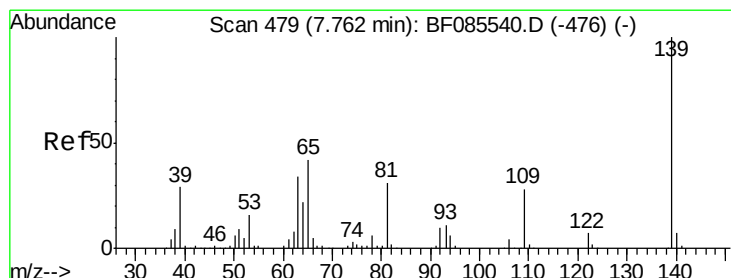
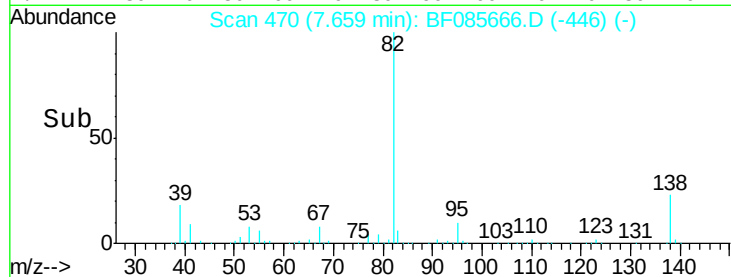
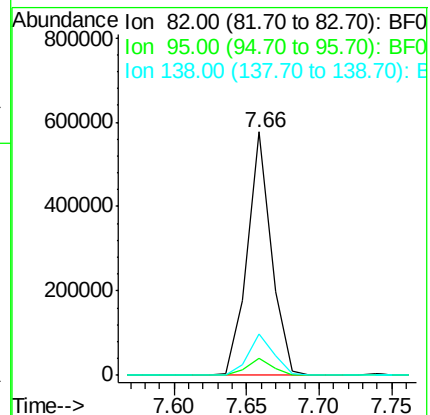
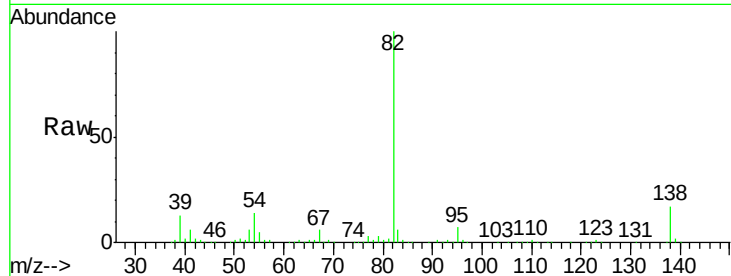
Tgt Ion: 82 Resp: 665455

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

138 16.9 12.9 19.3



#26

2-Nitrophenol

Concen: 39.96 ng

RT: 7.74 min Scan# 477

Delta R.T. -0.02 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

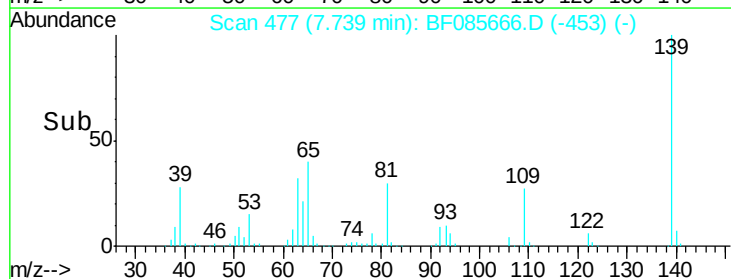
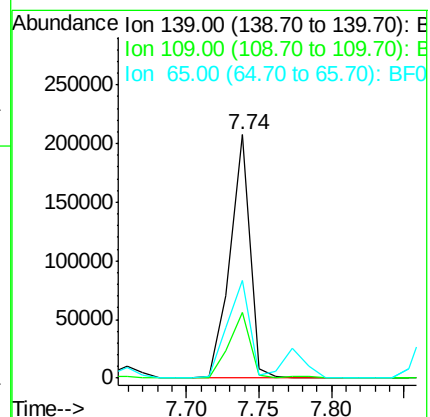
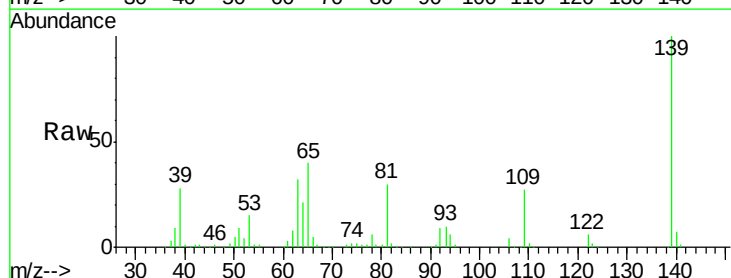
Tgt Ion: 139 Resp: 198981

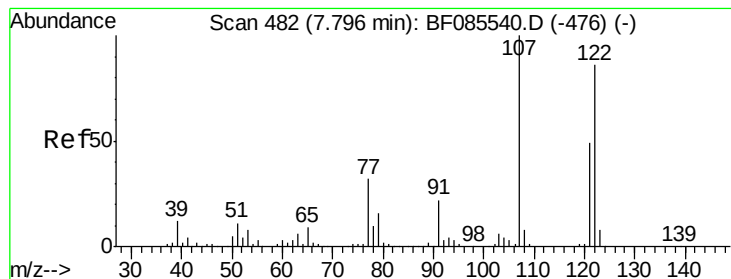
Ion Ratio Lower Upper

139 100

109 27.1 22.1 33.1

65 40.0 33.9 50.9





#27

2,4-Dimethylphenol

Concen: 36.40 ng

RT: 7.77 min Scan# 480

Delta R.T. -0.02 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

Instrument :

BNA_F

ClientSampleId :

PB89079BS

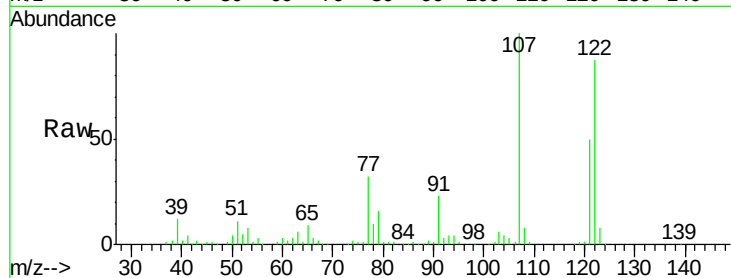
Tgt Ion:122 Resp: 320484

Ion Ratio Lower Upper

122 100

107 115.4 93.0 139.6

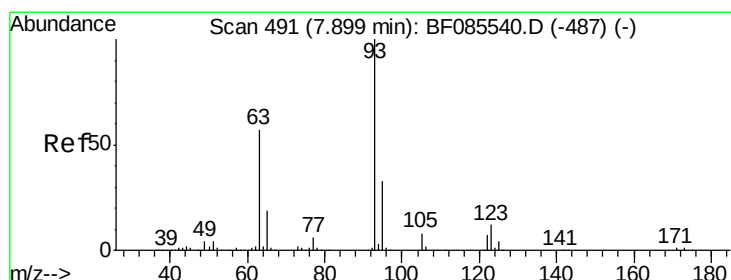
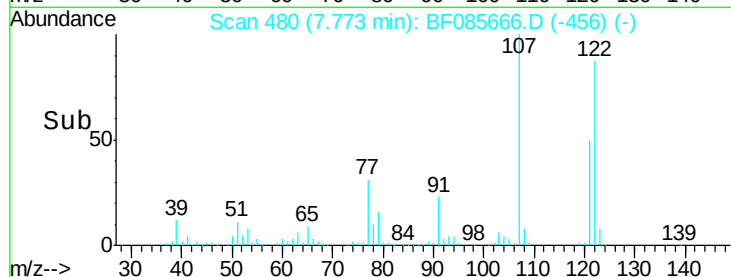
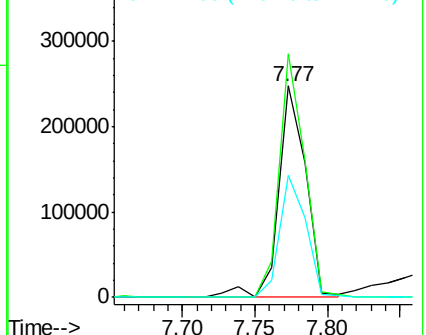
121 57.8 45.9 68.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.34 ng

RT: 7.88 min Scan# 489

Delta R.T. -0.02 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

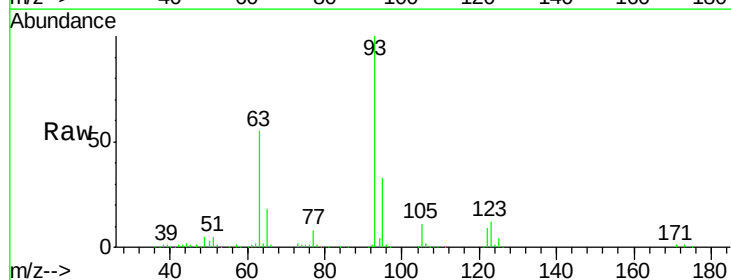
Tgt Ion: 93 Resp: 433316

Ion Ratio Lower Upper

93 100

95 32.9 26.4 39.6

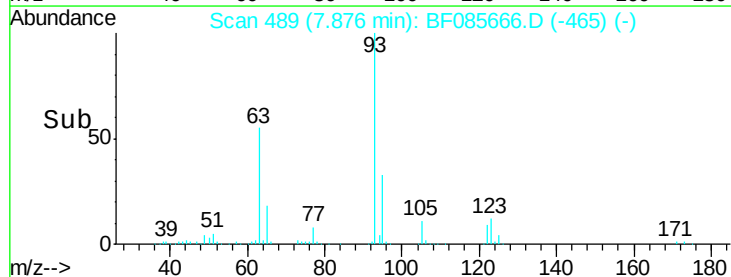
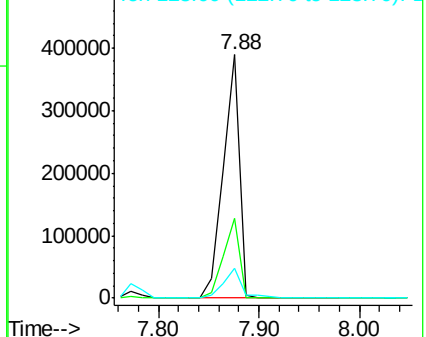
123 12.3 9.8 14.6

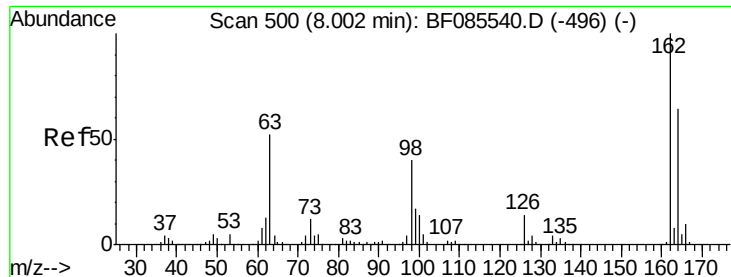


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

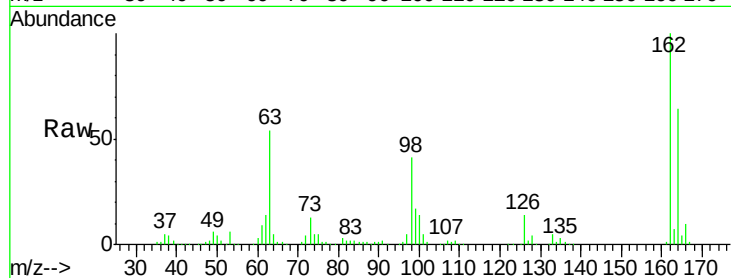




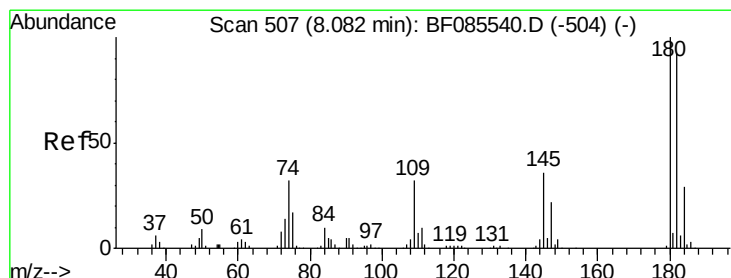
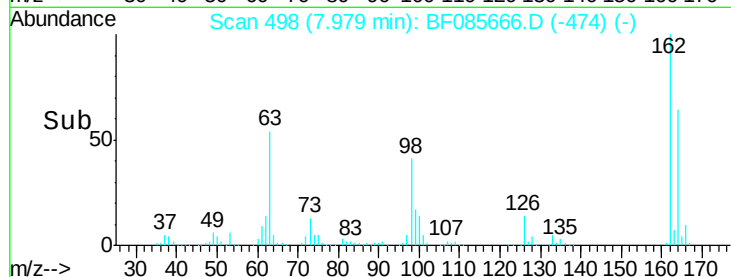
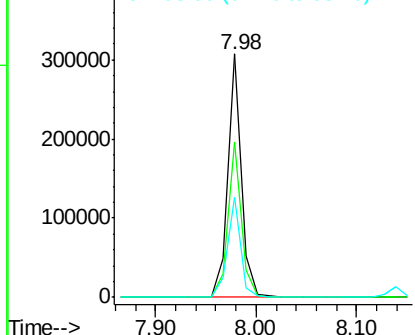
#29
 2,4-Dichlorophenol
 Concen: 39.41 ng
 RT: 7.98 min Scan# 498
 Delta R.T. -0.02 min
 Lab File: BF085666.D
 Acq: 22 Mar 2016 18:46

Instrument :
 BNA_F
 ClientSampleId :
 PB89079BS

Tgt Ion:162 Resp: 286559
 Ion Ratio Lower Upper
 162 100
 164 63.8 43.7 83.7
 98 41.3 20.4 60.4

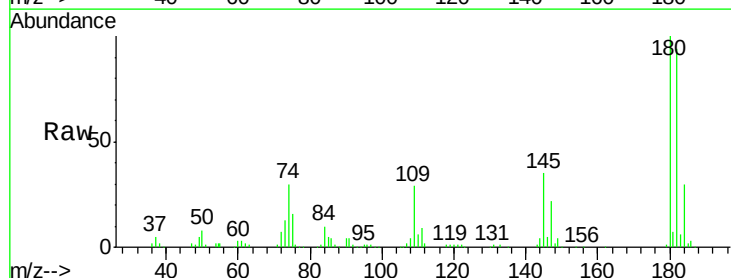


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

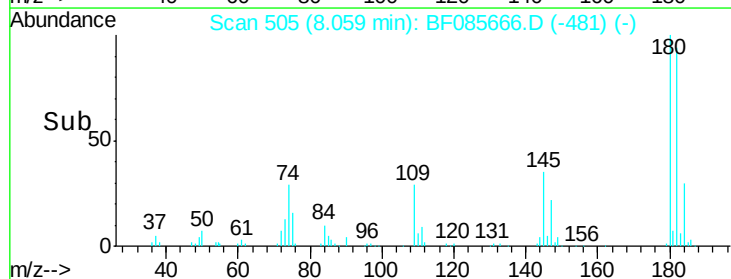
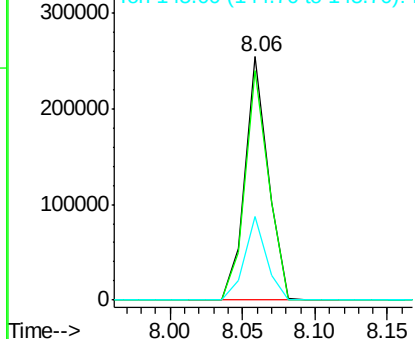


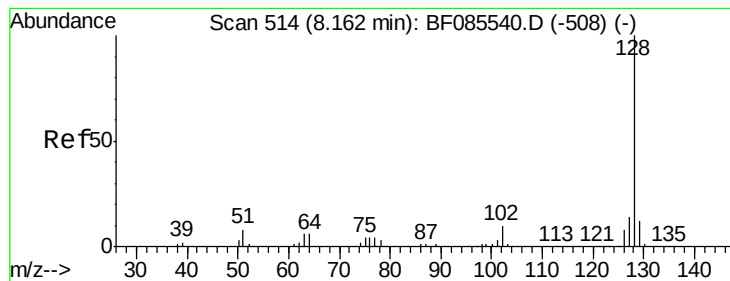
#30
 1,2,4-Trichlorobenzene
 Concen: 34.69 ng
 RT: 8.06 min Scan# 505
 Delta R.T. -0.02 min
 Lab File: BF085666.D
 Acq: 22 Mar 2016 18:46

Tgt Ion:180 Resp: 282553
 Ion Ratio Lower Upper
 180 100
 182 94.1 73.8 110.8
 145 34.6 28.4 42.6



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





#31

Naphthalene

Concen: 34.73 ng

RT: 8.14 min Scan# 512

Delta R.T. -0.02 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

Instrument :

BNA_F

ClientSampleId :

PB89079BS

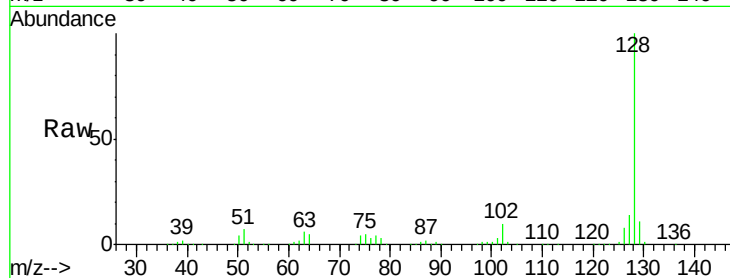
Tgt Ion:128 Resp: 936544

Ion Ratio Lower Upper

128 100

129 11.5 9.4 14.0

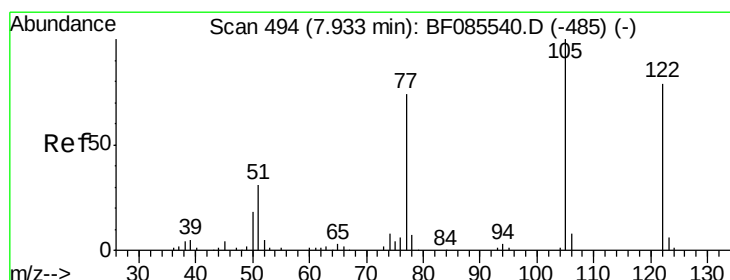
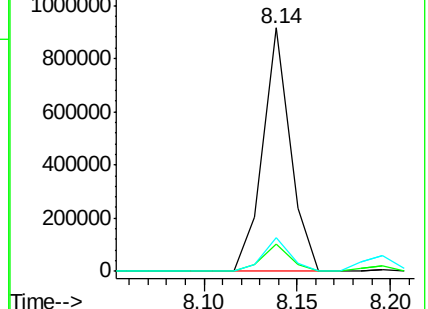
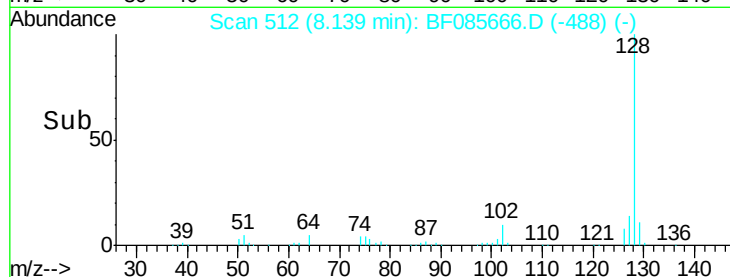
127 13.7 11.0 16.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 26.84 ng

RT: 7.90 min Scan# 491

Delta R.T. -0.03 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

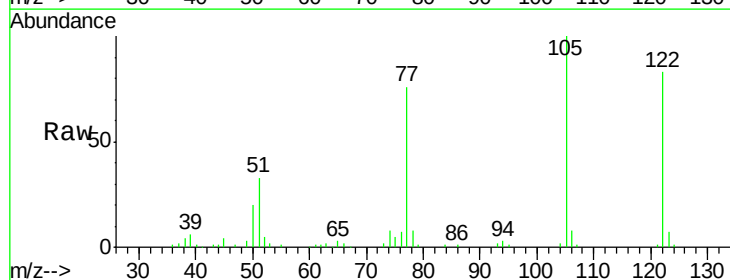
Tgt Ion:122 Resp: 197626

Ion Ratio Lower Upper

122 100

105 120.1 102.9 142.9

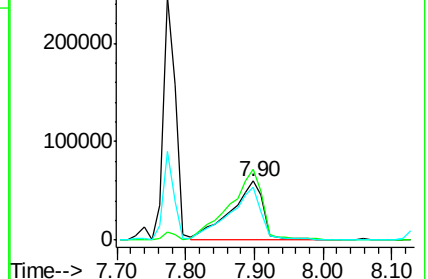
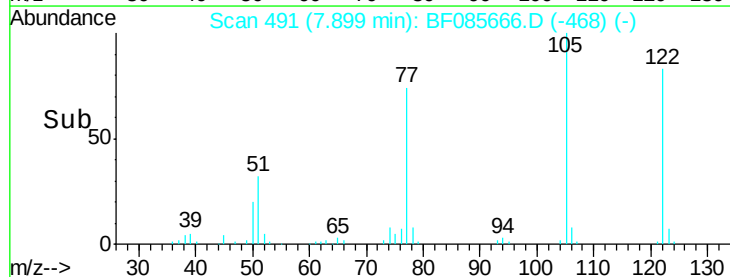
77 90.7 71.8 111.8

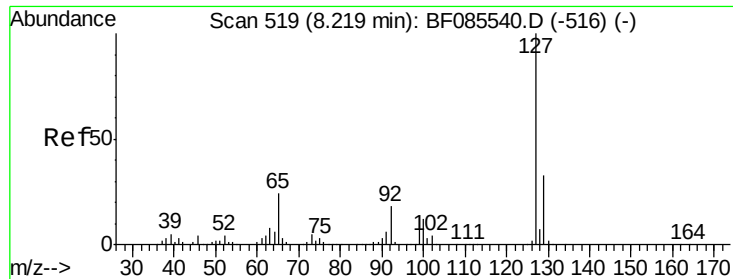


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

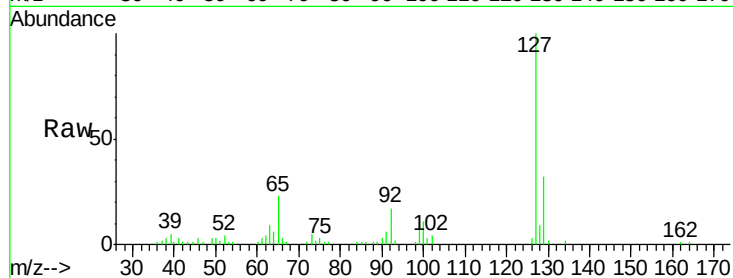




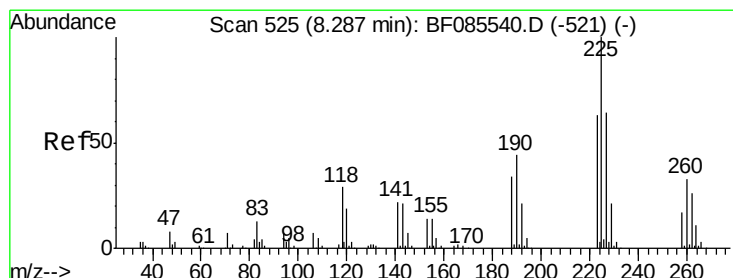
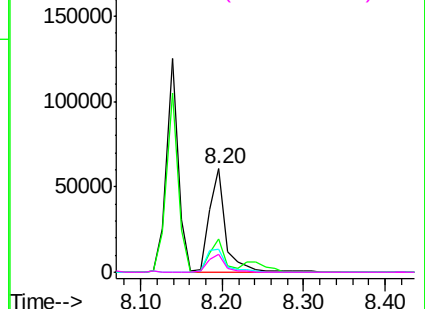
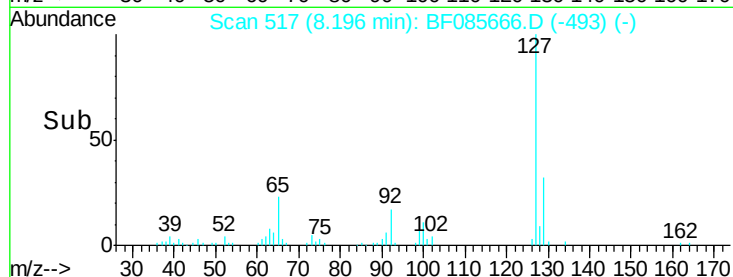
#33
4-Chloroaniline
Concen: 7.81 ng
RT: 8.20 min Scan# 517
Delta R.T. -0.02 min
Lab File: BF085666.D
Acq: 22 Mar 2016 18:46

Instrument :
BNA_F
ClientSampleId :
PB89079BS

Tgt Ion:	127	Resp:	86323
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.1	39.1
65	22.8	19.5	29.3
92	17.2	14.6	22.0

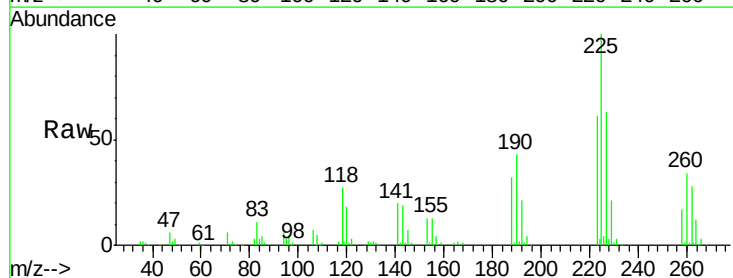


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

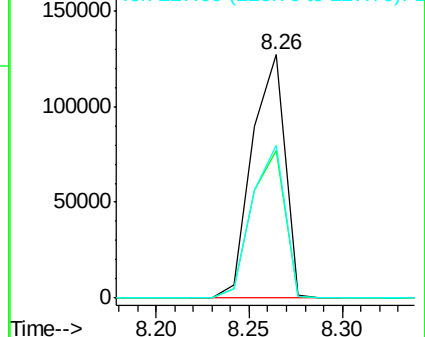
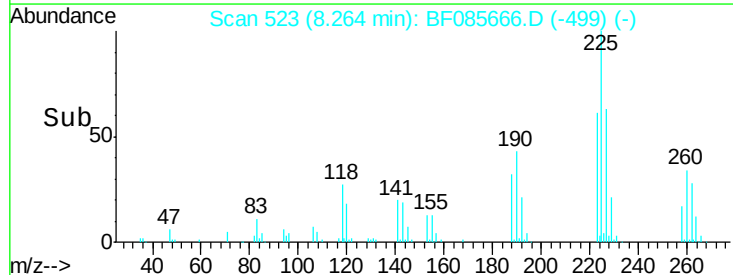


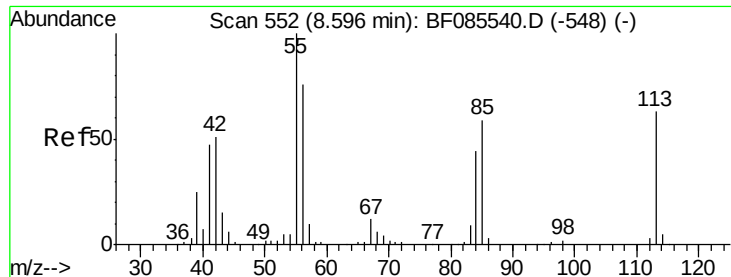
#34
Hexachlorobutadiene
Concen: 35.53 ng
RT: 8.26 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF085666.D
Acq: 22 Mar 2016 18:46

Tgt Ion:	225	Resp:	154233
Ion	Ratio	Lower	Upper
225	100		
223	60.7	50.4	75.6
227	62.9	51.4	77.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

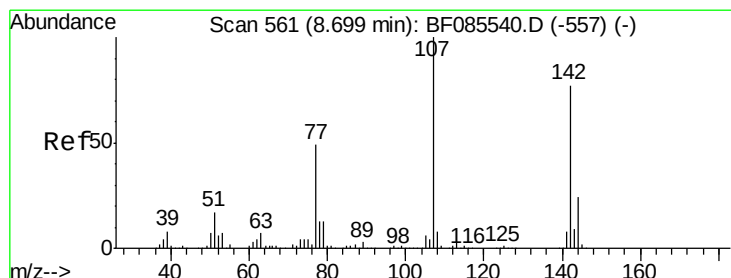
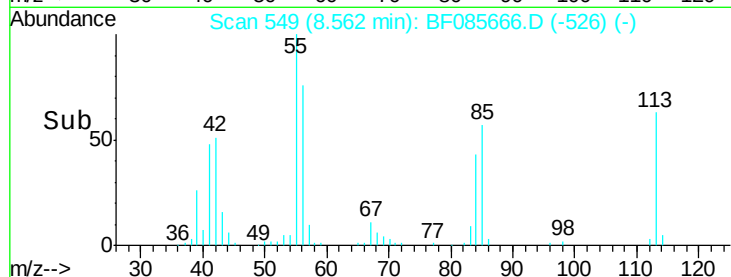
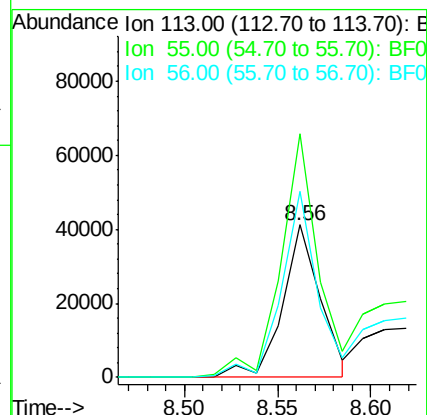
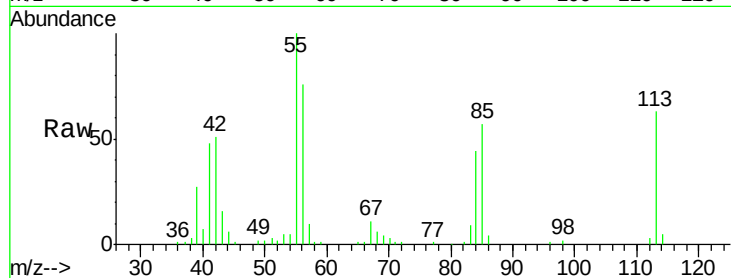




#35
 Caprolactam
 Concen: 23.29 ng
 RT: 8.56 min Scan# 549
 Delta R.T. -0.03 min
 Lab File: BF085666.D
 Acq: 22 Mar 2016 18:46

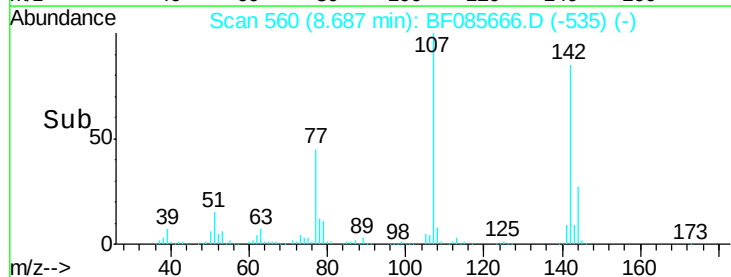
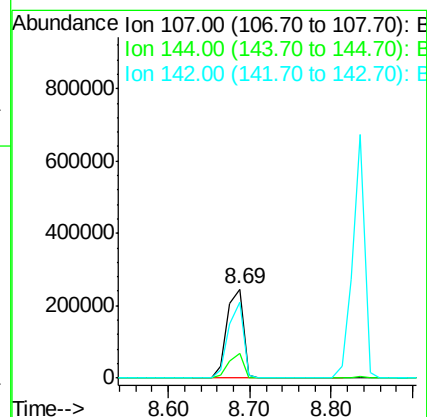
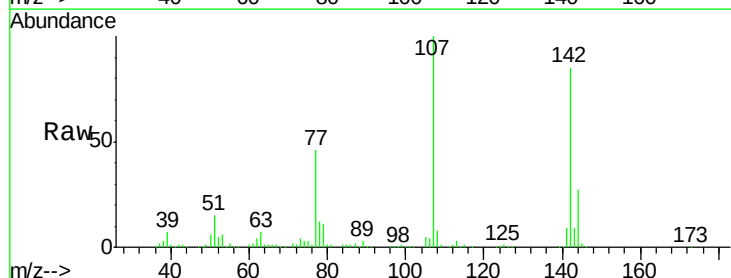
Instrument :
 BNA_F
 ClientSampleId :
 PB89079BS

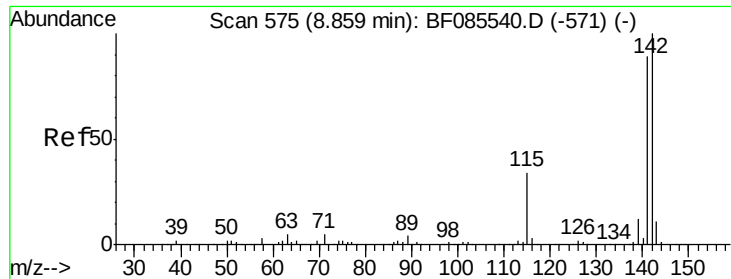
Tgt Ion:113 Resp: 58277
 Ion Ratio Lower Upper
 113 100
 55 159.6 139.4 179.4
 56 122.0 100.4 140.4



#36
 4-Chloro-3-methylphenol
 Concen: 40.45 ng
 RT: 8.69 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: BF085666.D
 Acq: 22 Mar 2016 18:46

Tgt Ion:107 Resp: 343517
 Ion Ratio Lower Upper
 107 100
 144 27.4 19.3 28.9
 142 84.7 61.4 92.0

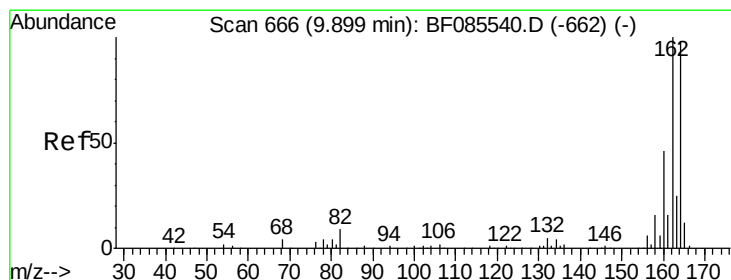
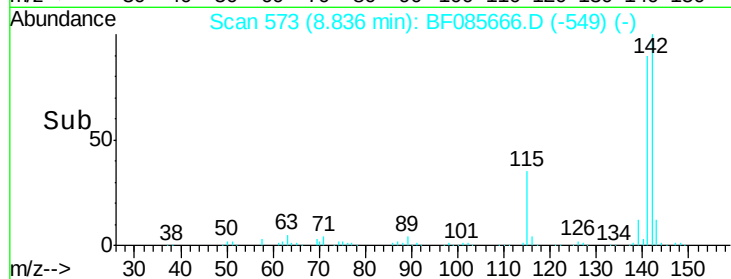
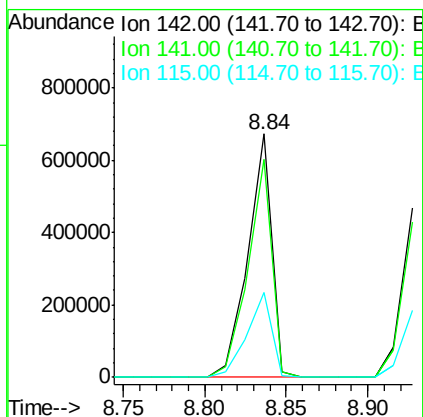
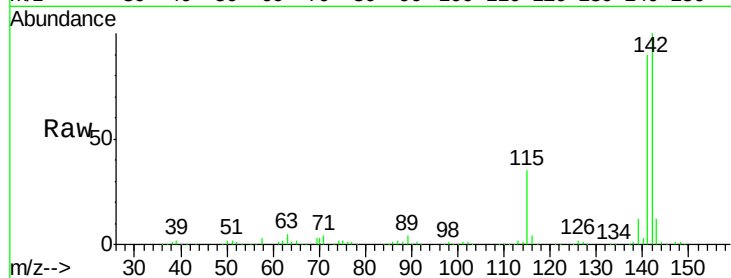




#37
 2-Methylnaphthalene
 Concen: 41.62 ng
 RT: 8.84 min Scan# 573
 Delta R.T. -0.02 min
 Lab File: BF085666.D
 Acq: 22 Mar 2016 18:46

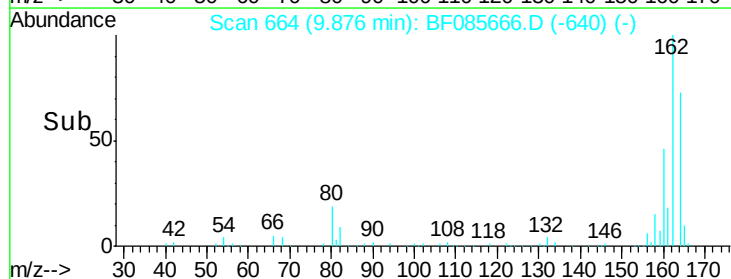
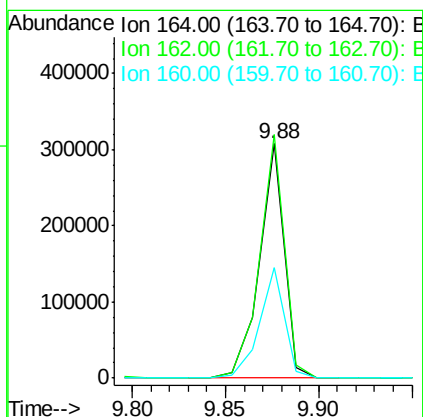
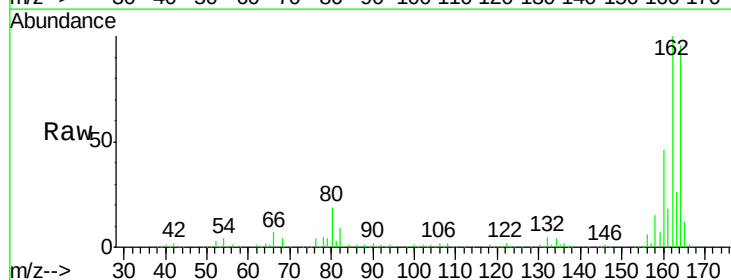
Instrument :
 BNA_F
 ClientSampleId :
 PB89079BS

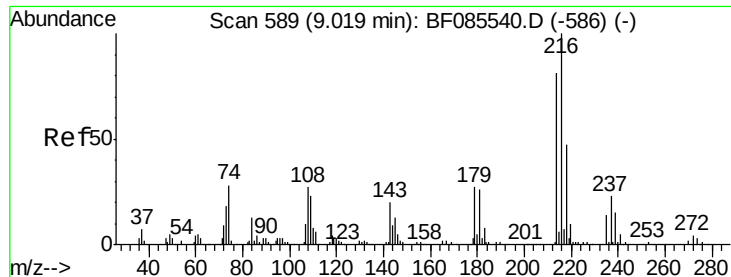
Tgt Ion:142 Resp: 684221
 Ion Ratio Lower Upper
 142 100
 141 89.7 71.6 107.4
 115 34.9 26.8 40.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 664
 Delta R.T. -0.02 min
 Lab File: BF085666.D
 Acq: 22 Mar 2016 18:46

Tgt Ion:164 Resp: 280263
 Ion Ratio Lower Upper
 164 100
 162 104.0 82.1 123.1
 160 47.4 37.4 56.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.42 ng

RT: 9.01 min Scan# 588

Delta R.T. -0.01 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

Instrument :

BNA_F

ClientSampleId :

PB89079BS

Tgt Ion:216 Resp: 258614

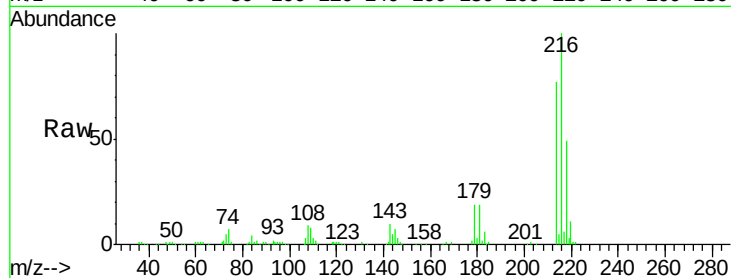
Ion Ratio Lower Upper

216 100

214 79.3 63.1 94.7

179 22.9 18.2 27.2

108 23.0 17.3 25.9

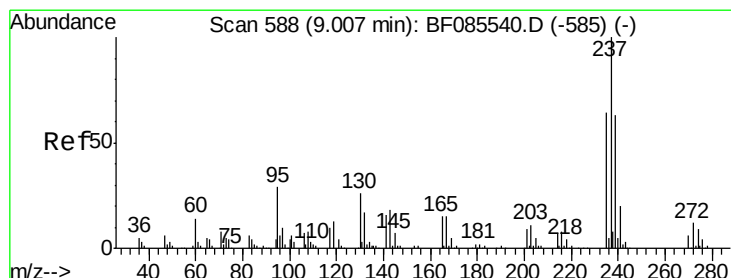
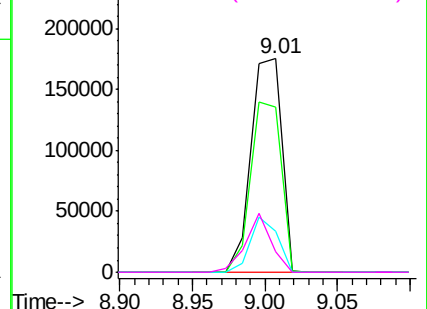
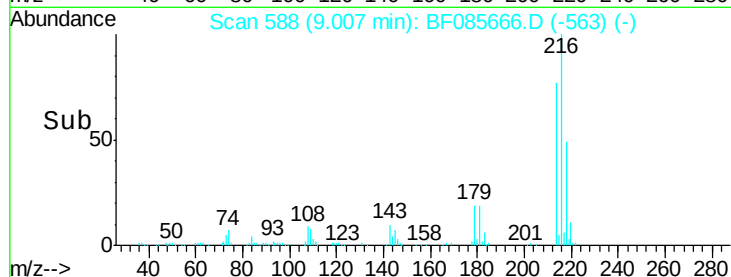


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 64.46 ng

RT: 8.98 min Scan# 586

Delta R.T. -0.02 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

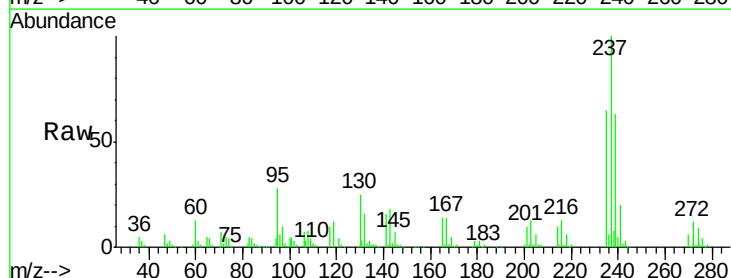
Tgt Ion:237 Resp: 246970

Ion Ratio Lower Upper

237 100

235 64.5 43.7 83.7

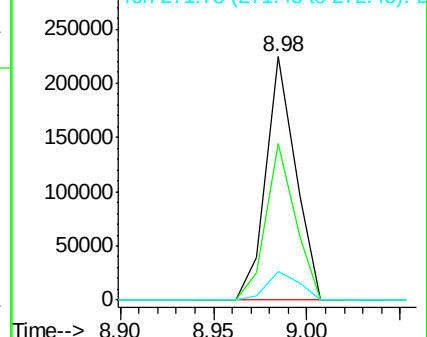
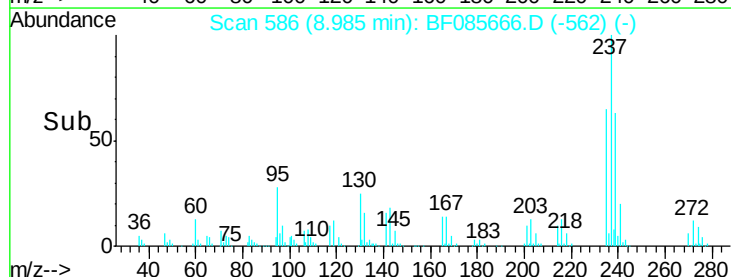
272 11.8 0.0 31.9

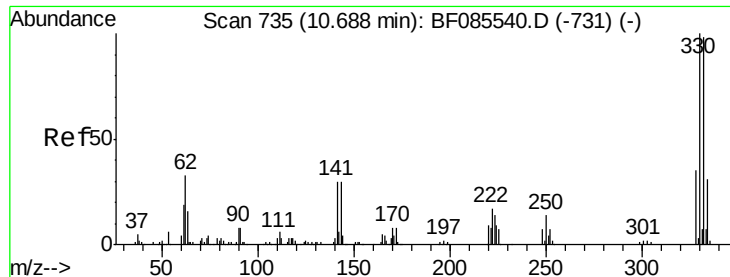


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

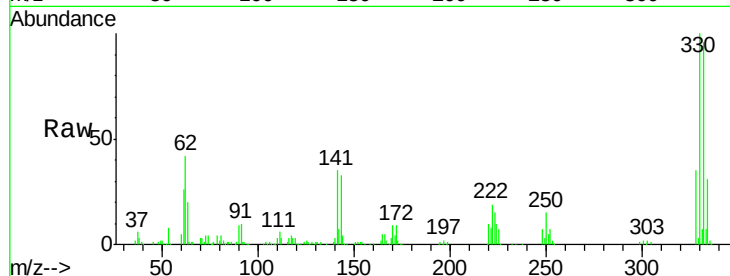




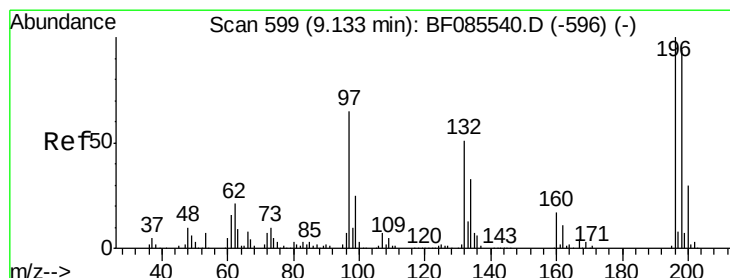
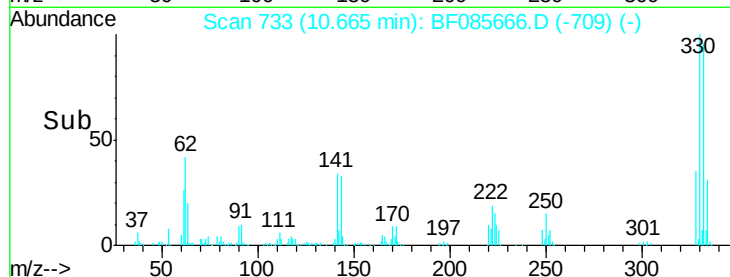
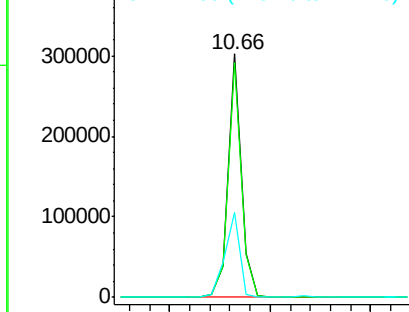
#41
 2,4,6-Tribromophenol
 Concen: 101.25 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.02 min
 Lab File: BF085666.D
 Acq: 22 Mar 2016 18:46

Instrument :
 BNA_F
 ClientSampleId :
 PB89079BS

Tgt Ion:330 Resp: 277970
 Ion Ratio Lower Upper
 330 100
 332 97.1 78.2 117.2
 141 39.0 31.5 47.3

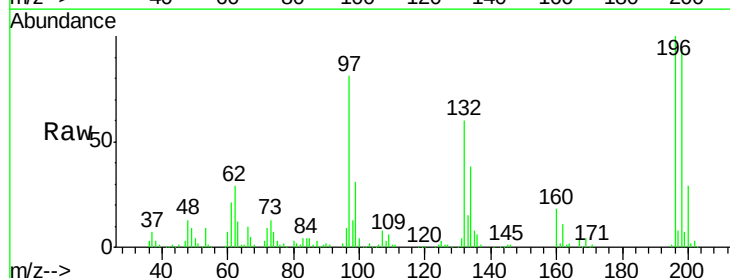


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

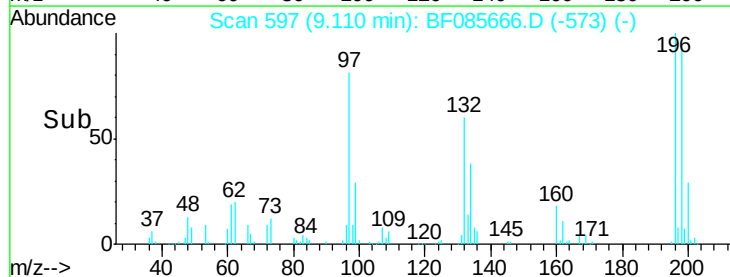
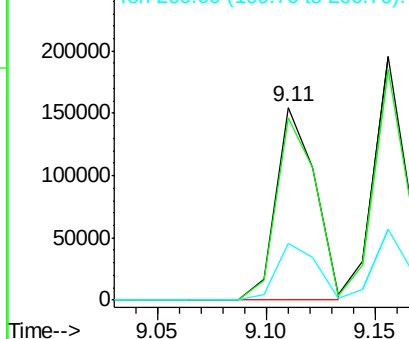


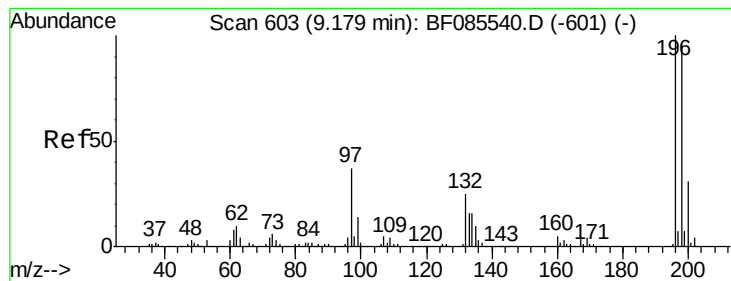
#42
 2,4,6-Trichlorophenol
 Concen: 33.23 ng
 RT: 9.11 min Scan# 597
 Delta R.T. -0.02 min
 Lab File: BF085666.D
 Acq: 22 Mar 2016 18:46

Tgt Ion:196 Resp: 193390
 Ion Ratio Lower Upper
 196 100
 198 94.5 75.3 112.9
 200 29.4 23.7 35.5



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

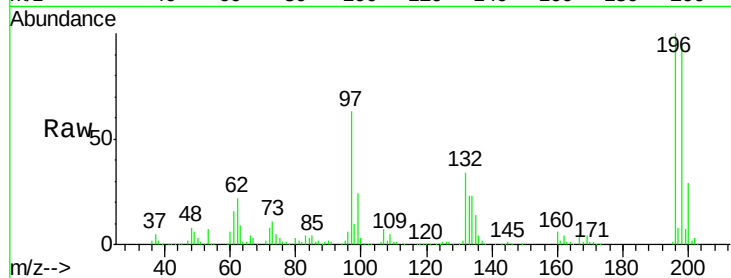




#43
 2,4,5-Trichlorophenol
 Concen: 35.14 ng
 RT: 9.16 min Scan# 601
 Delta R.T. -0.02 min
 Lab File: BF085666.D
 Acq: 22 Mar 2016 18:46

Instrument :
 BNA_F
 ClientSampleId :
 PB89079BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.8	76.6	114.8
97	62.7	30.5	45.7
132	34.4	20.2	30.2



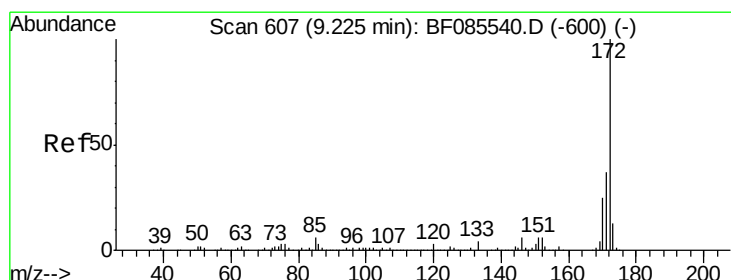
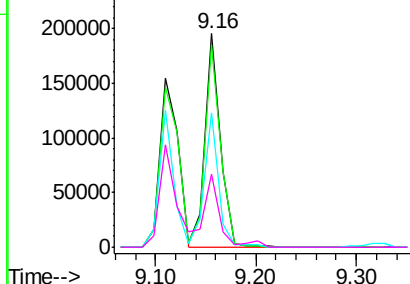
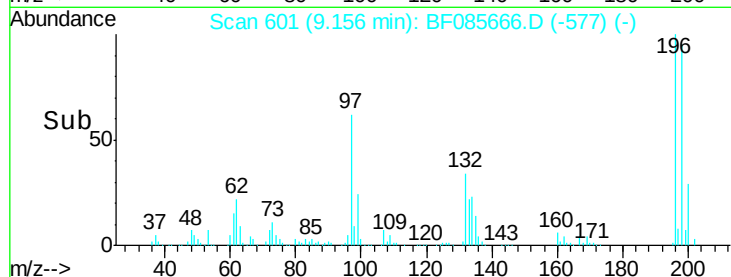
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

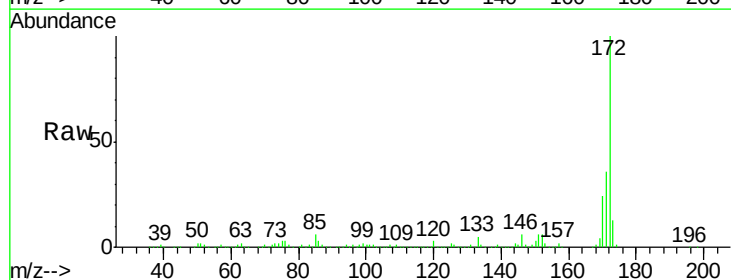
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 77.32 ng
 RT: 9.20 min Scan# 605
 Delta R.T. -0.02 min
 Lab File: BF085666.D
 Acq: 22 Mar 2016 18:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.2
170	24.4	19.8	29.6

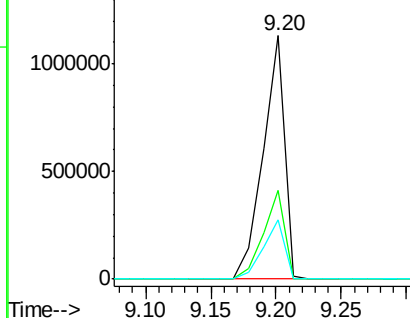
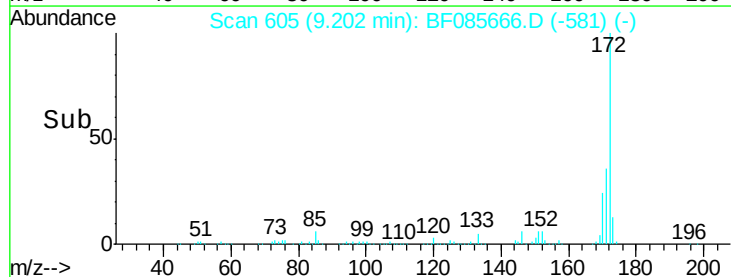


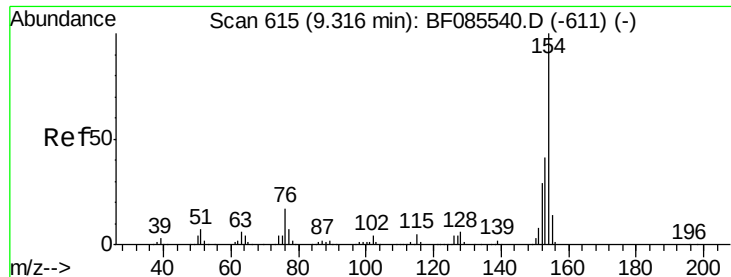
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 31.49 ng

RT: 9.29 min Scan# 613

Delta R.T. -0.02 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

Instrument :

BNA_F

ClientSampleId :

PB89079BS

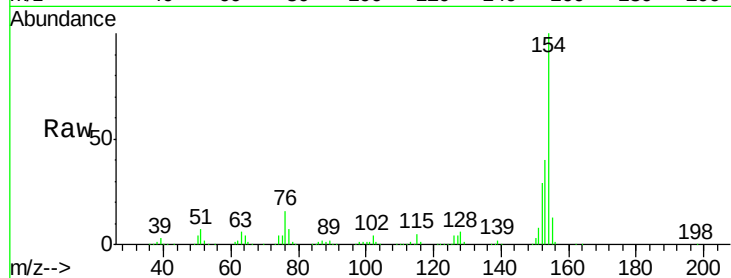
Tgt Ion:154 Resp: 761365

Ion Ratio Lower Upper

154 100

153 40.1 20.8 60.8

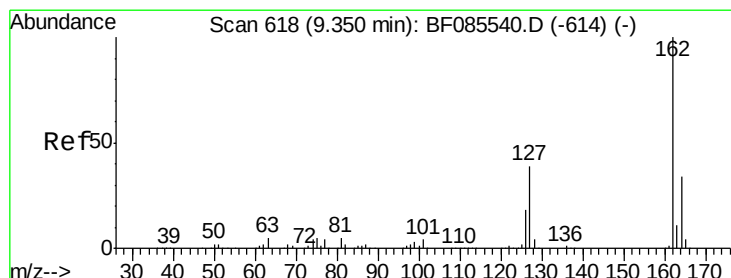
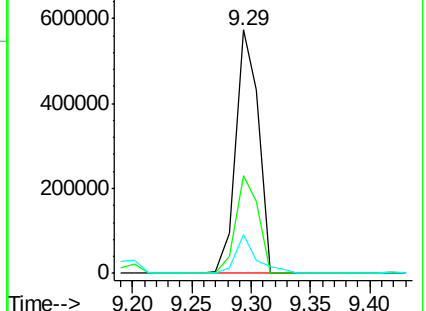
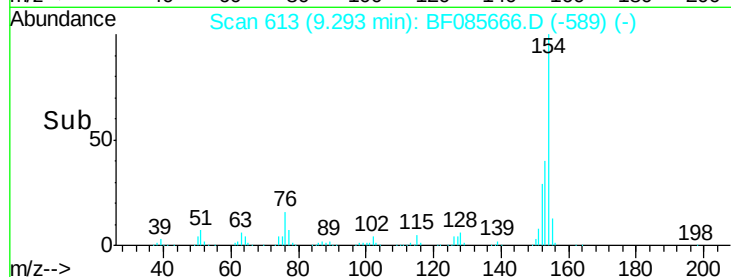
76 15.9 0.0 36.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 34.97 ng

RT: 9.33 min Scan# 616

Delta R.T. -0.02 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

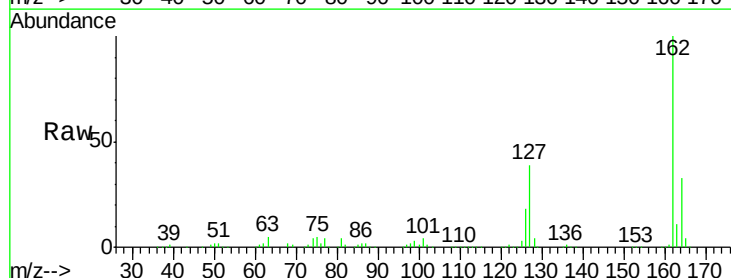
Tgt Ion:162 Resp: 617595

Ion Ratio Lower Upper

162 100

127 38.6 31.7 47.5

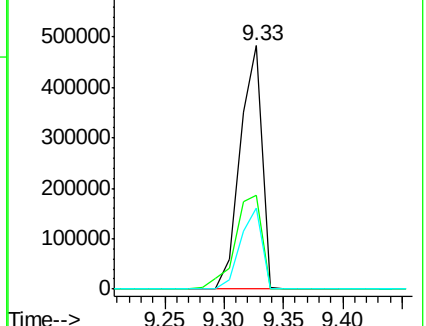
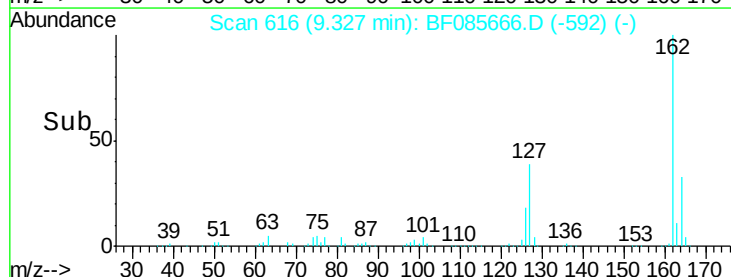
164 33.4 27.3 40.9

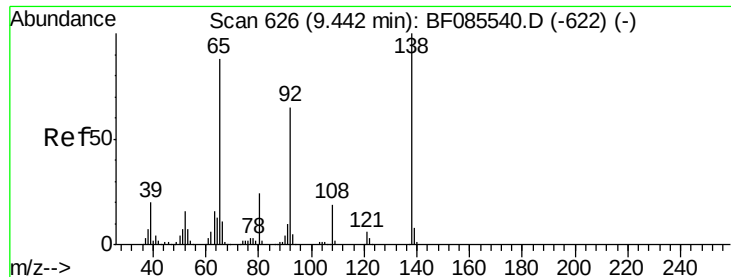


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

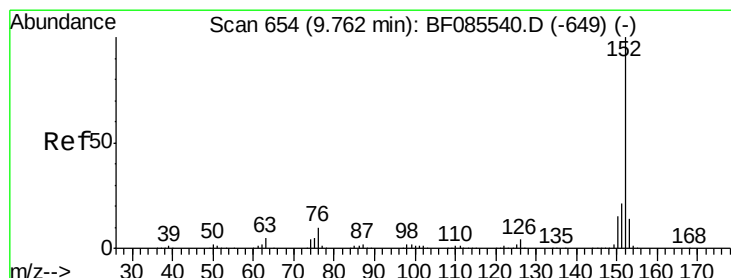
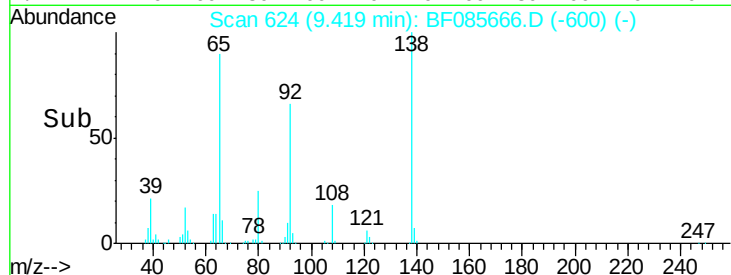
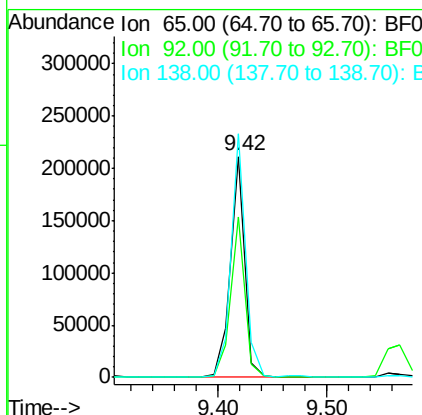
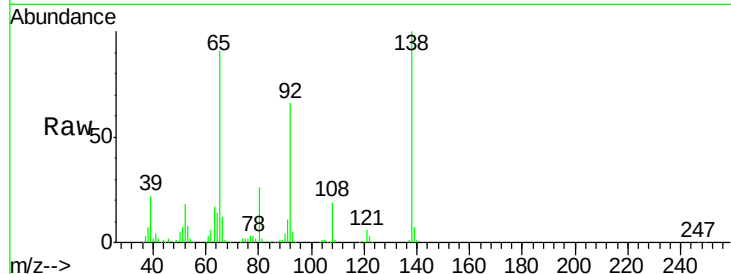




#47
2-Nitroaniline
Concen: 35.81 ng
RT: 9.42 min Scan# 624
Delta R.T. -0.02 min
Lab File: BF085666.D
Acq: 22 Mar 2016 18:46

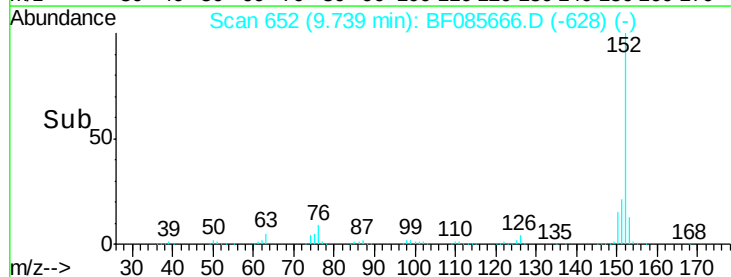
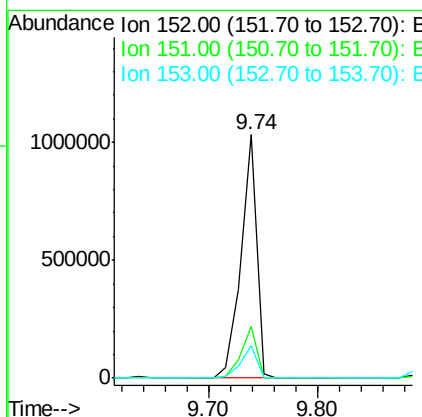
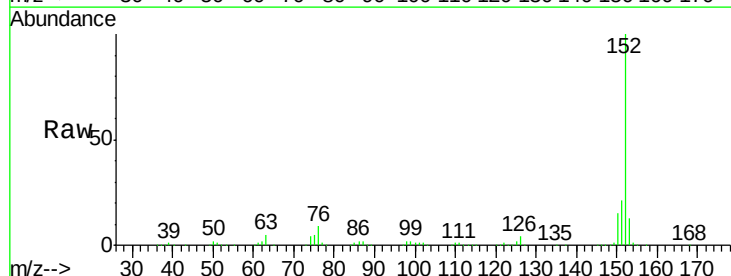
Instrument :
BNA_F
ClientSampleId :
PB89079BS

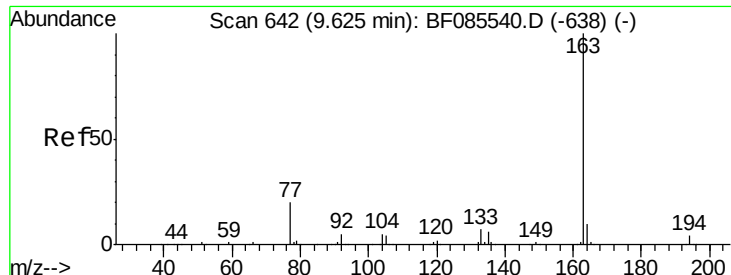
Tgt Ion: 65 Resp: 191340
Ion Ratio Lower Upper
65 100
92 72.8 59.7 89.5
138 110.3 91.4 137.0



#48
Acenaphthylene
Concen: 35.44 ng
RT: 9.74 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF085666.D
Acq: 22 Mar 2016 18:46

Tgt Ion: 152 Resp: 1012873
Ion Ratio Lower Upper
152 100
151 21.2 16.8 25.2
153 13.4 10.9 16.3





#49

Dimethylphthalate

Concen: 33.91 ng

RT: 9.60 min Scan# 640

Delta R.T. -0.02 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

Instrument :

BNA_F

ClientSampleId :

PB89079BS

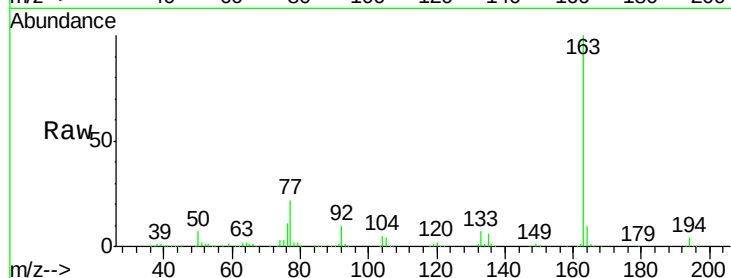
Tgt Ion:163 Resp: 717186

Ion Ratio Lower Upper

163 100

194 3.5 2.9 4.3

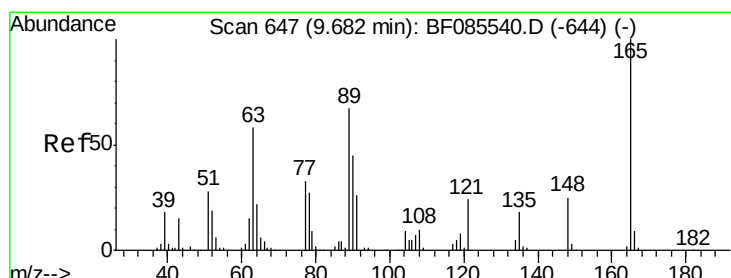
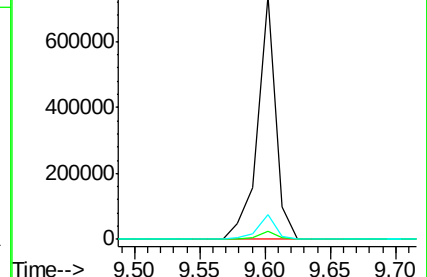
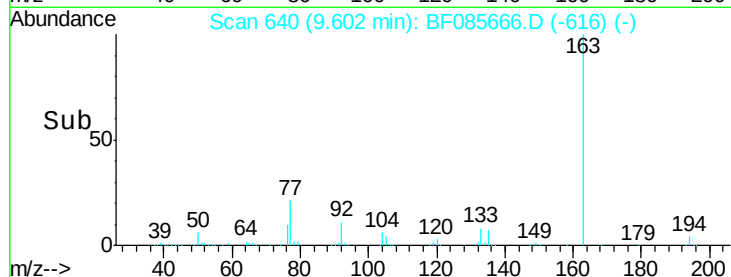
164 10.4 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 33.98 ng

RT: 9.66 min Scan# 645

Delta R.T. -0.02 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

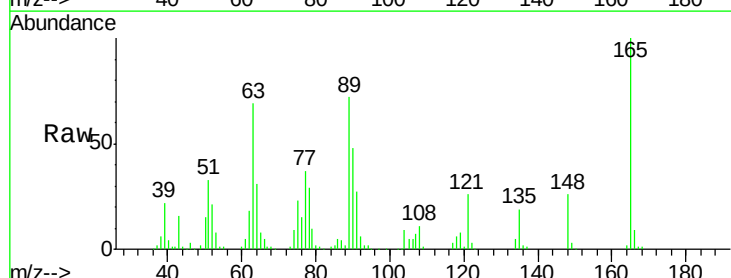
Tgt Ion:165 Resp: 151707

Ion Ratio Lower Upper

165 100

63 68.5 51.8 77.8

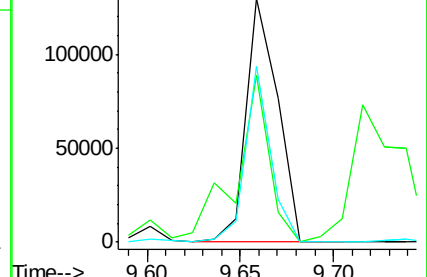
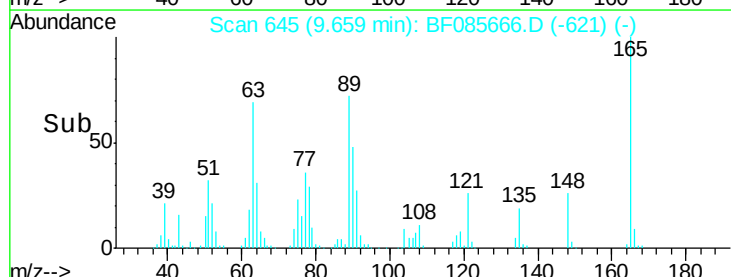
89 72.4 53.7 80.5

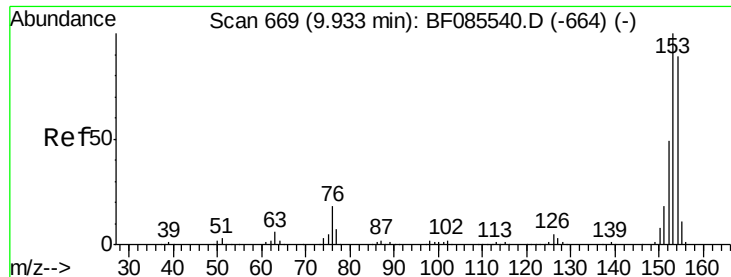


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 34.32 ng

RT: 9.91 min Scan# 667

Delta R.T. -0.02 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

Instrument :

BNA_F

ClientSampleId :

PB89079BS

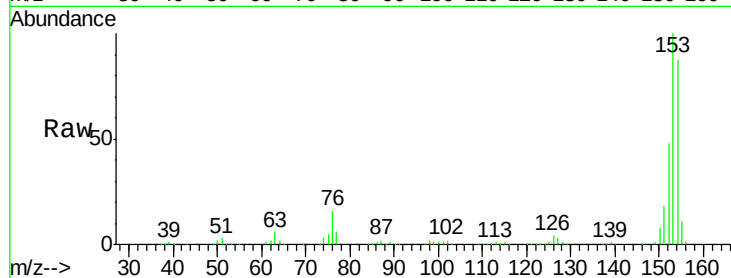
Tgt Ion:154 Resp: 615602

Ion Ratio Lower Upper

154 100

153 114.3 90.1 135.1

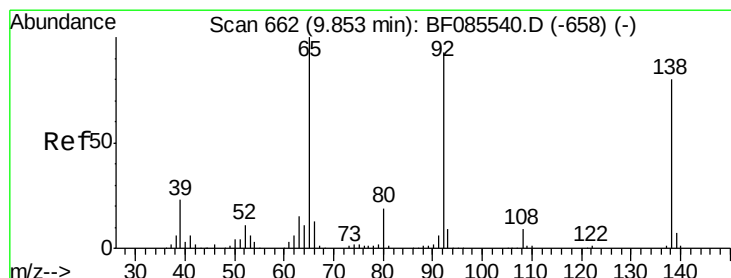
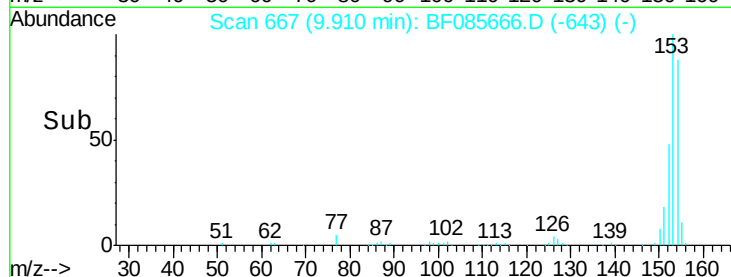
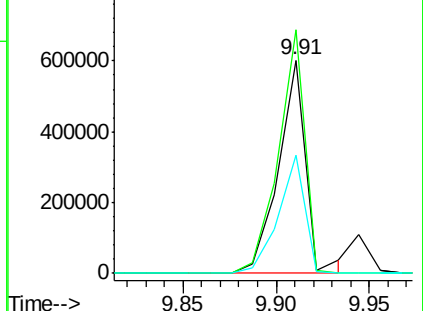
152 55.3 44.2 66.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 15.29 ng

RT: 9.83 min Scan# 660

Delta R.T. -0.02 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

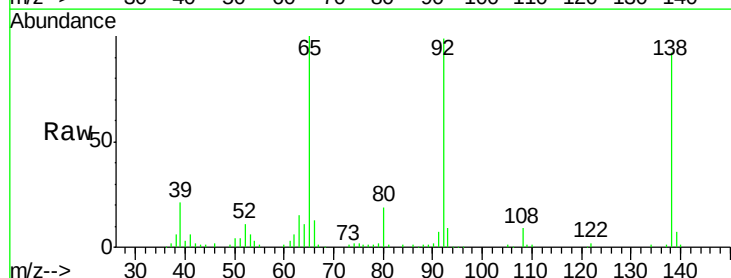
Tgt Ion:138 Resp: 85479

Ion Ratio Lower Upper

138 100

108 9.7 8.7 13.1

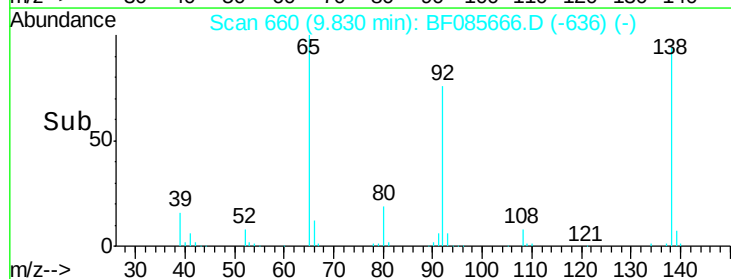
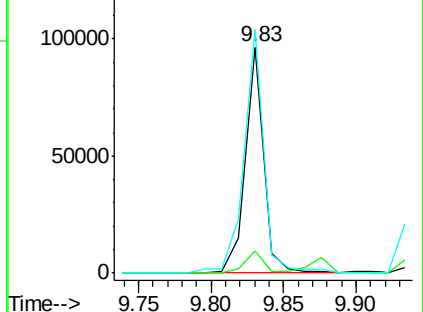
92 107.6 93.3 139.9

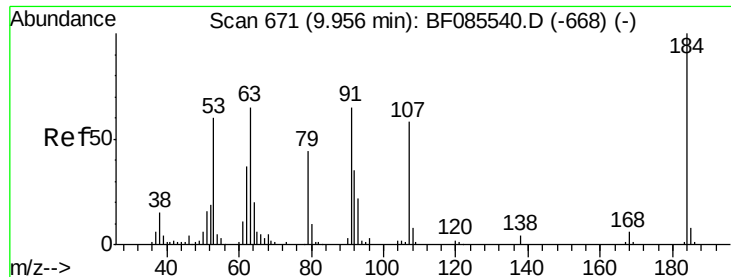


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

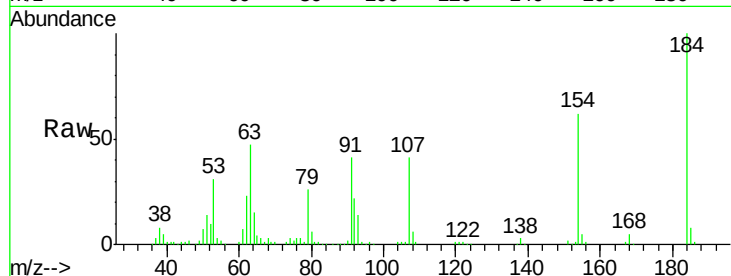




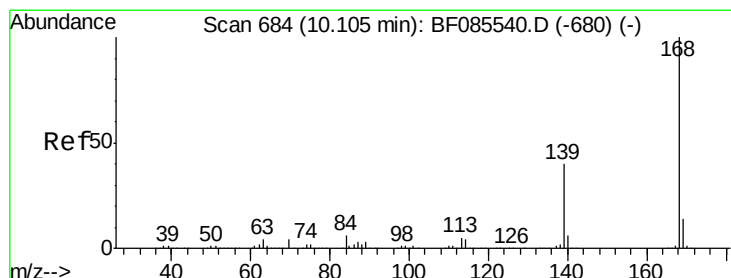
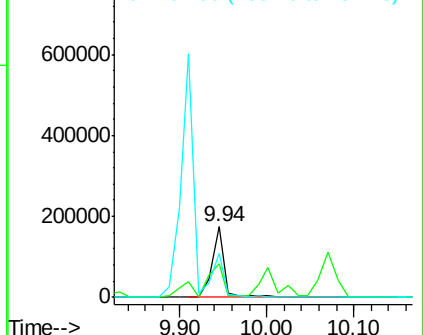
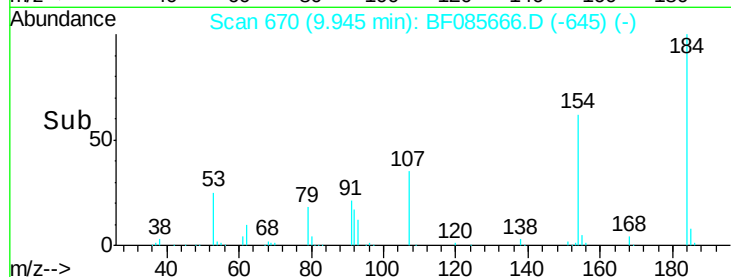
#53
 2,4-Dinitrophenol
 Concen: 62.24 ng
 RT: 9.94 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF085666.D
 Acq: 22 Mar 2016 18:46

Instrument :
 BNA_F
 ClientSampleId :
 PB89079BS

Tgt Ion:184 Resp: 170247
 Ion Ratio Lower Upper
 184 100
 63 46.9 69.5 104.3#
 154 62.0 58.3 87.5

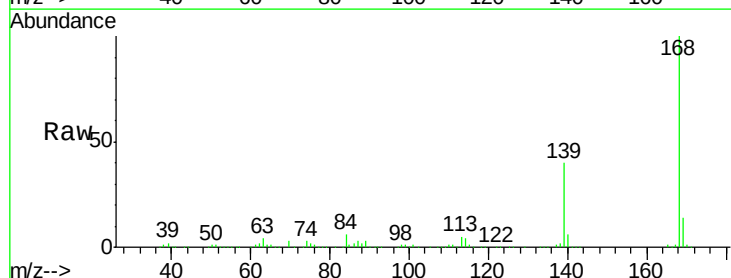


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

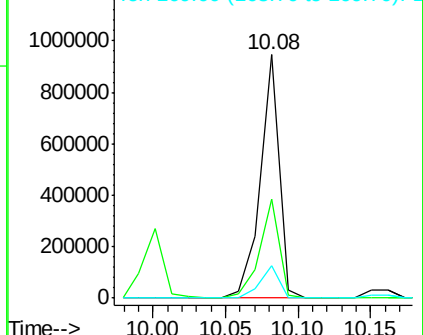
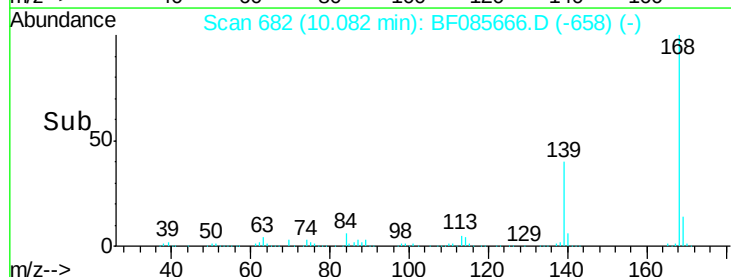


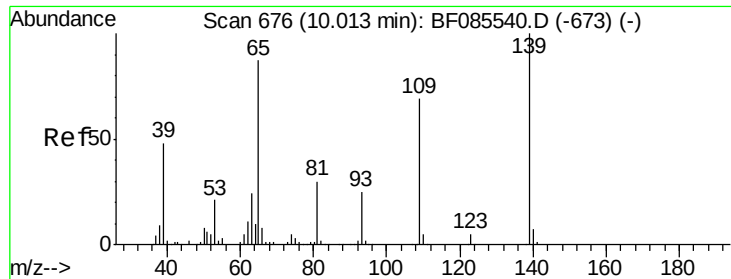
#54
 Dibenzofuran
 Concen: 39.29 ng
 RT: 10.08 min Scan# 682
 Delta R.T. -0.02 min
 Lab File: BF085666.D
 Acq: 22 Mar 2016 18:46

Tgt Ion:168 Resp: 858158
 Ion Ratio Lower Upper
 168 100
 139 40.4 31.9 47.9
 169 13.5 11.0 16.6



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

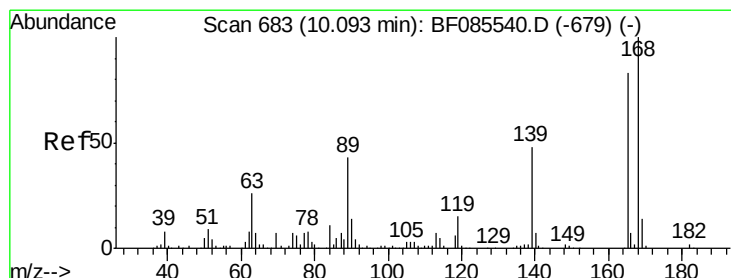
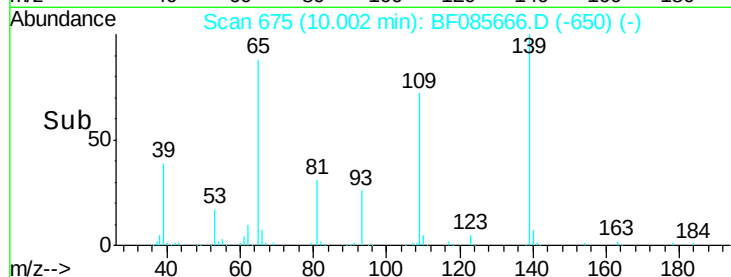
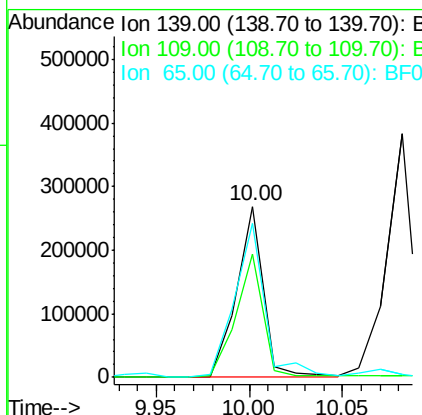
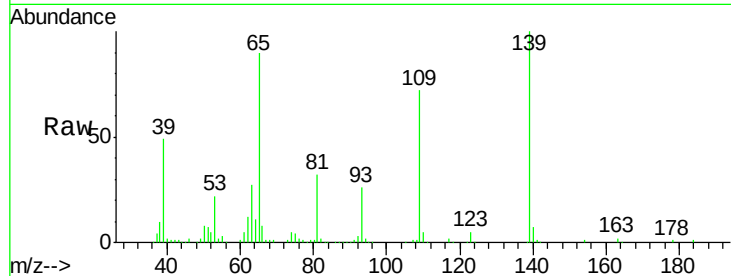




#55
4-Nitrophenol
Concen: 63.00 ng
RT: 10.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF085666.D
Acq: 22 Mar 2016 18:46

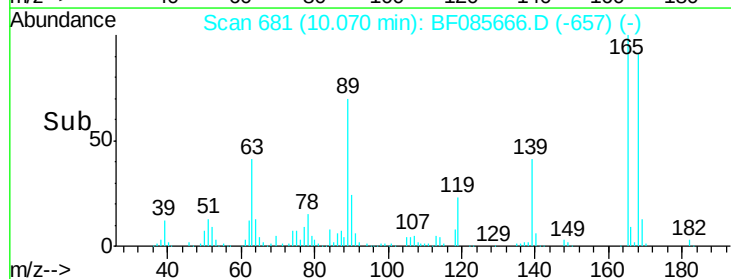
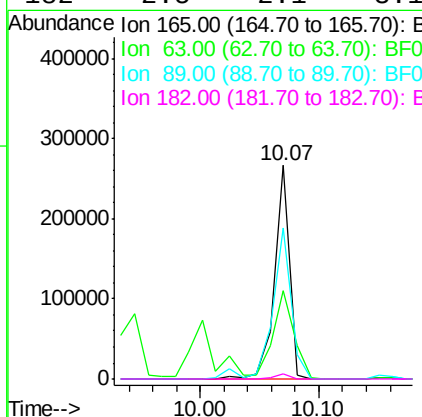
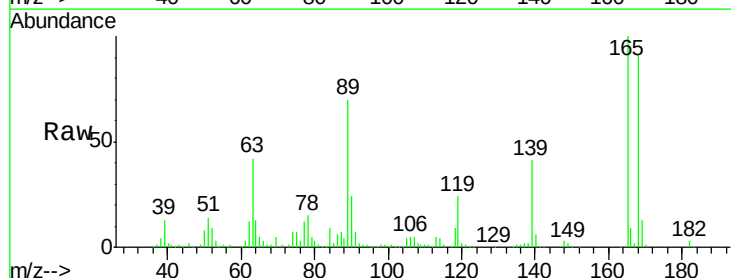
Instrument :
BNA_F
ClientSampleId :
PB89079BS

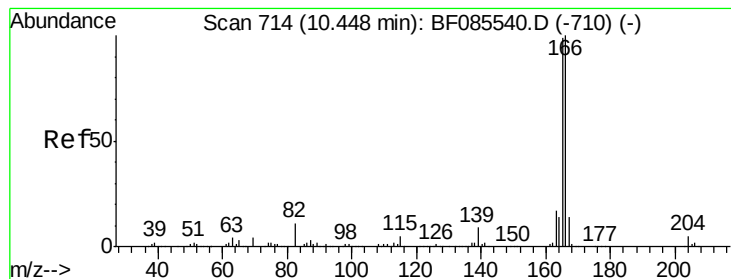
Tgt Ion:139 Resp: 272258
Ion Ratio Lower Upper
139 100
109 71.8 49.2 89.2
65 89.8 66.9 106.9



#56
2,4-Dinitrotoluene
Concen: 40.01 ng
RT: 10.07 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF085666.D
Acq: 22 Mar 2016 18:46

Tgt Ion:165 Resp: 233867
Ion Ratio Lower Upper
165 100
63 41.6 24.9 37.3#
89 70.5 41.0 61.6#
182 2.5 2.1 3.1





#57

Fluorene

Concen: 37.44 ng

RT: 10.42 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

Instrument :

BNA_F

ClientSampleId :

PB89079BS

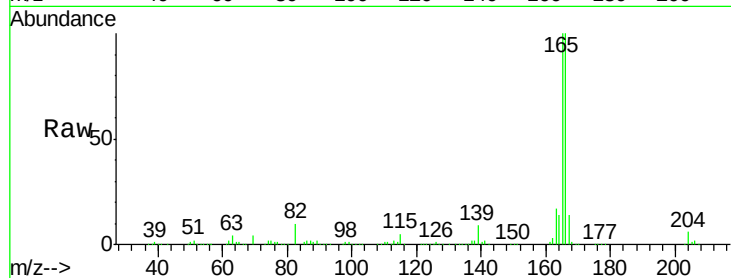
Tgt Ion:166 Resp: 681589

Ion Ratio Lower Upper

166 100

165 99.7 79.4 119.0

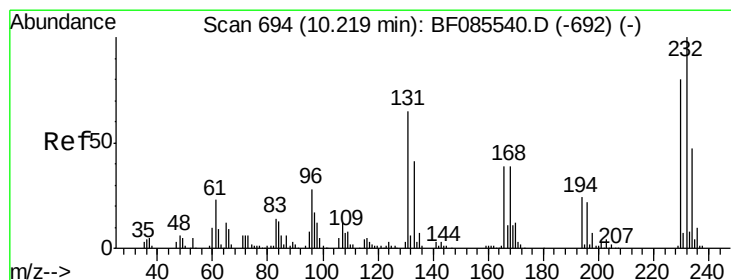
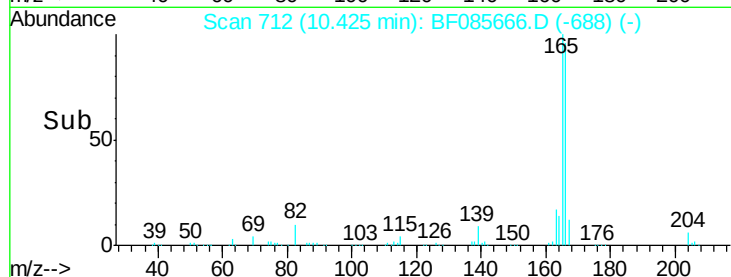
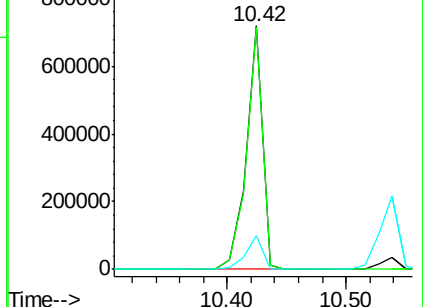
167 13.6 11.0 16.4



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: 38.09 ng

RT: 10.20 min Scan# 692

Delta R.T. -0.02 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

Tgt Ion:232 Resp: 162421

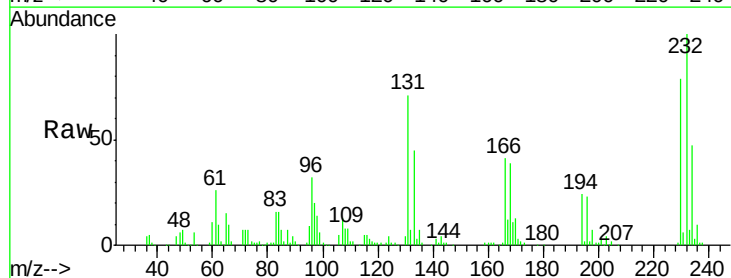
Ion Ratio Lower Upper

232 100

131 55.0 44.9 67.3

130 2.7 2.3 3.5

166 32.8 28.1 42.1

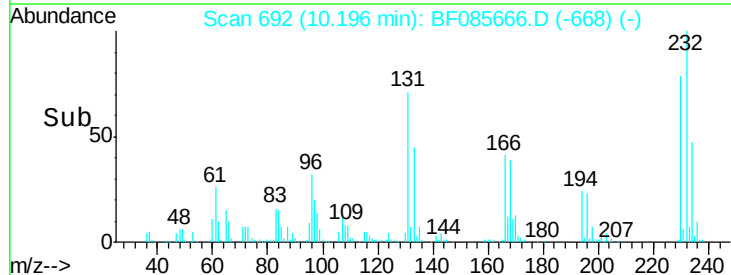
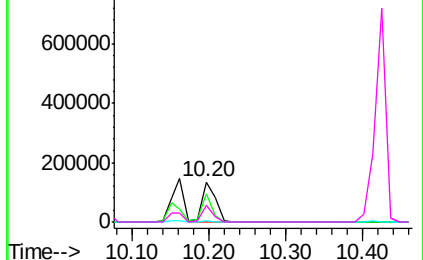


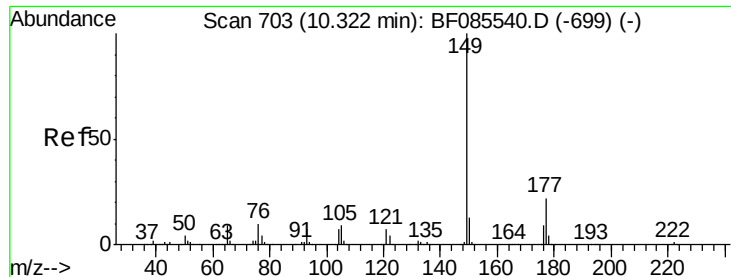
Abundance Ion 232.00 (231.70 to 232.70): E

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

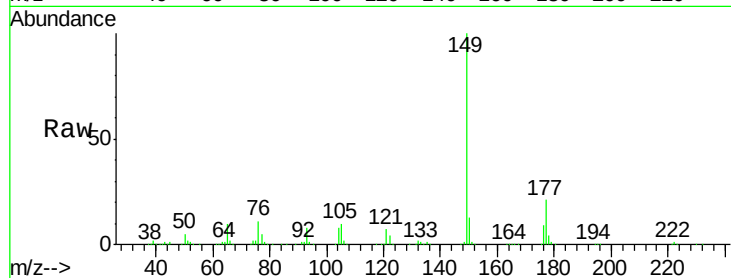




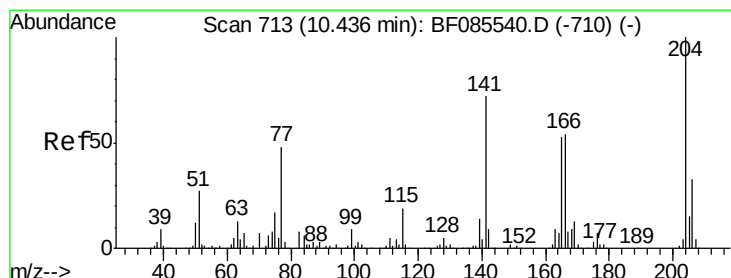
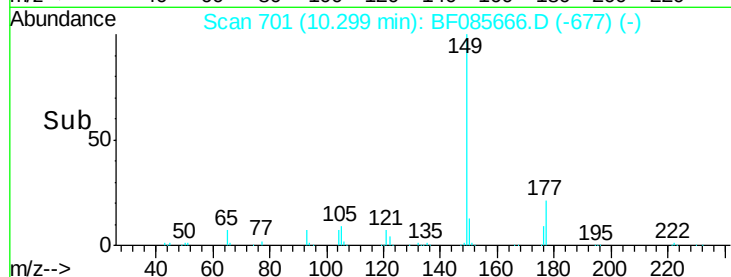
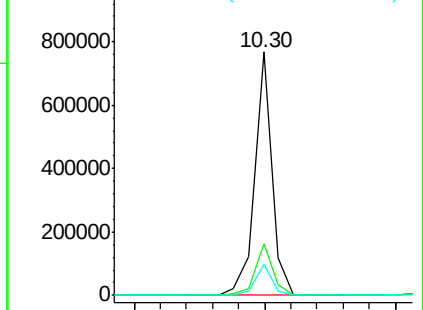
#59
Diethylphthalate
Concen: 33.60 ng
RT: 10.30 min Scan# 701
Delta R.T. -0.02 min
Lab File: BF085666.D
Acq: 22 Mar 2016 18:46

Instrument :
BNA_F
ClientSampleId :
PB89079BS

Tgt Ion:149 Resp: 706598
Ion Ratio Lower Upper
149 100
177 21.4 17.9 26.9
150 12.8 10.2 15.2

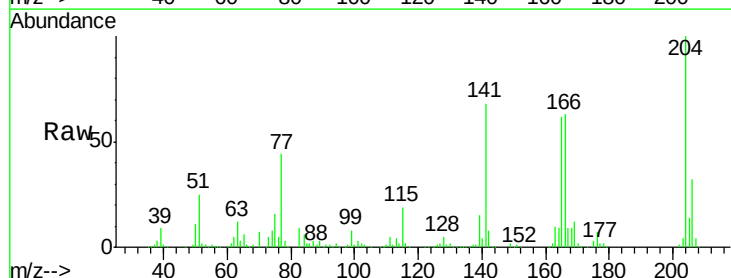


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

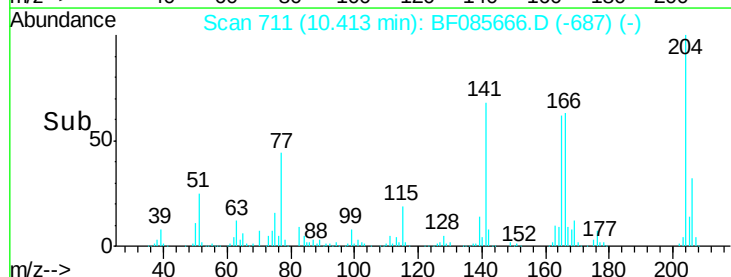
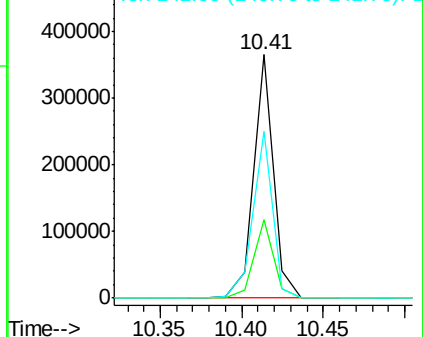


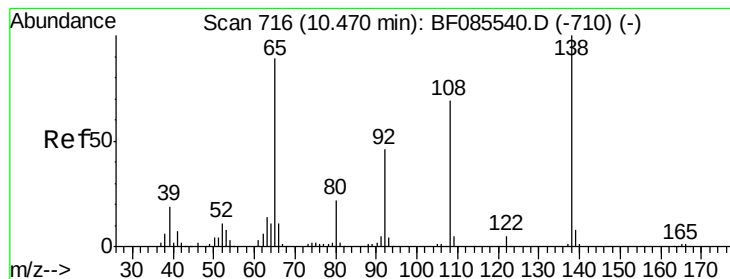
#60
4-Chlorophenyl-phenylether
Concen: 34.38 ng
RT: 10.41 min Scan# 711
Delta R.T. -0.02 min
Lab File: BF085666.D
Acq: 22 Mar 2016 18:46

Tgt Ion:204 Resp: 305618
Ion Ratio Lower Upper
204 100
206 32.1 26.6 39.8
141 68.4 57.4 86.0



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





#61

4-Nitroaniline

Concen: 33.27 ng

RT: 10.45 min Scan# 714

Delta R.T. -0.02 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

Instrument :

BNA_F

ClientSampleId :

PB89079BS

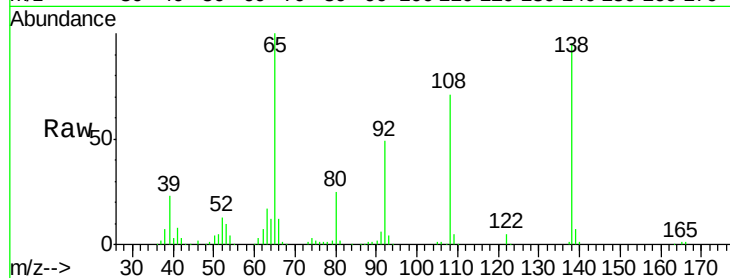
Tgt Ion:138 Resp: 183387

Ion Ratio Lower Upper

138 100

92 51.5 26.4 66.4

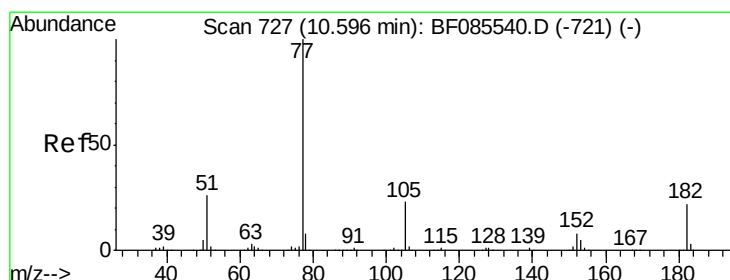
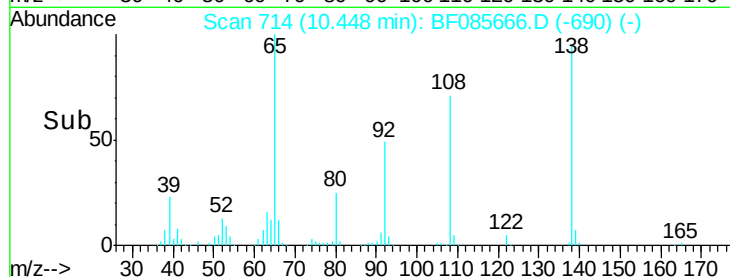
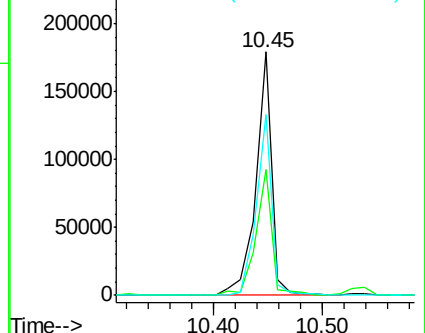
108 74.5 49.0 89.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.18 ng

RT: 10.57 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

Tgt Ion: 77 Resp: 770336

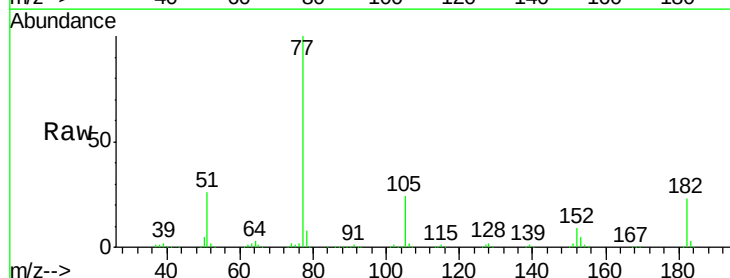
Ion Ratio Lower Upper

77 100

182 22.6 1.9 41.9

105 23.6 3.5 43.5

51 25.9 6.3 46.3

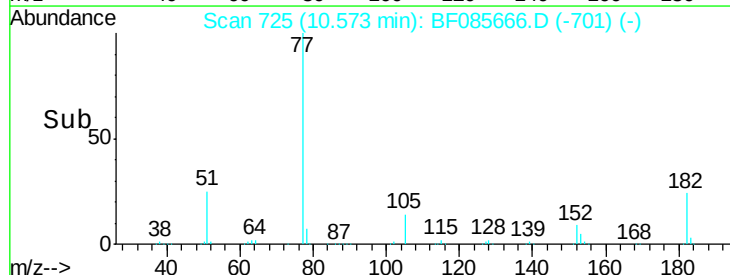
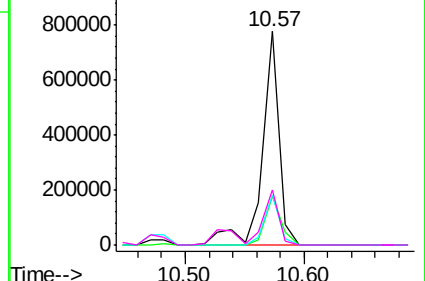


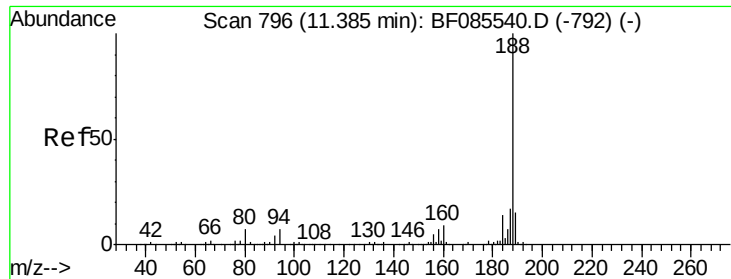
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 794

Delta R.T. -0.02 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

Instrument :

BNA_F

ClientSampleId :

PB89079BS

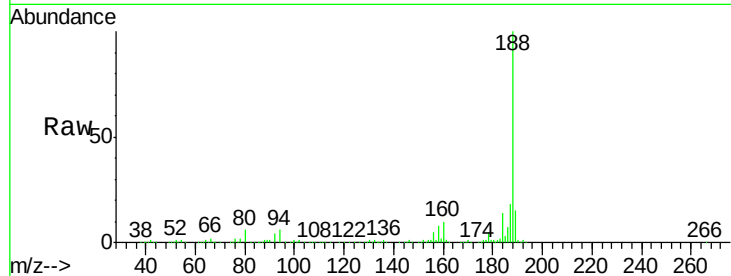
Tgt Ion:188 Resp: 542925

Ion Ratio Lower Upper

188 100

94 6.5 5.4 8.0

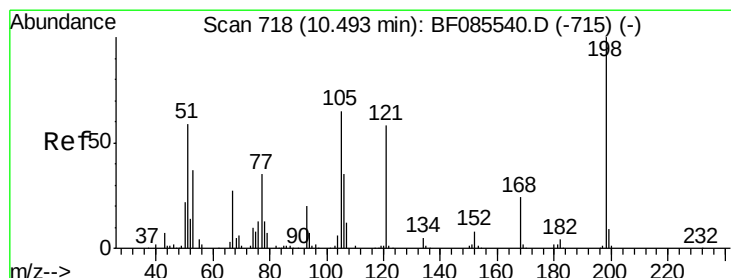
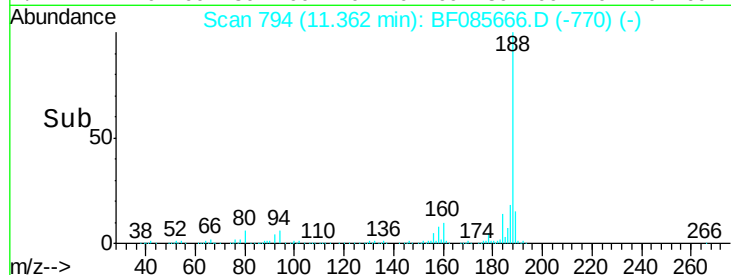
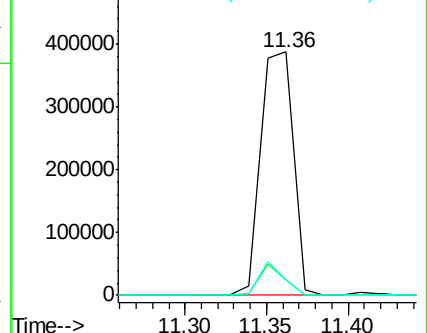
80 6.3 5.5 8.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 33.08 ng

RT: 10.48 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

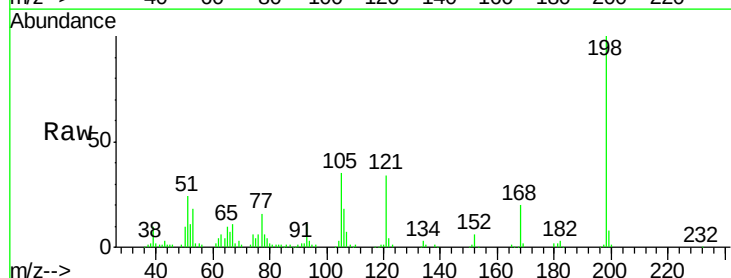
Tgt Ion:198 Resp: 114927

Ion Ratio Lower Upper

198 100

51 23.7 45.4 85.4#

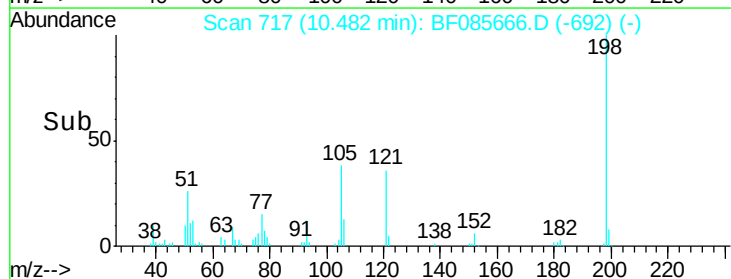
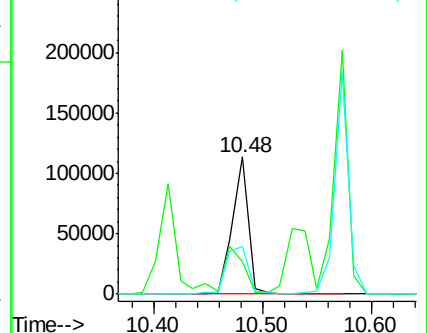
105 34.8 45.9 85.9#

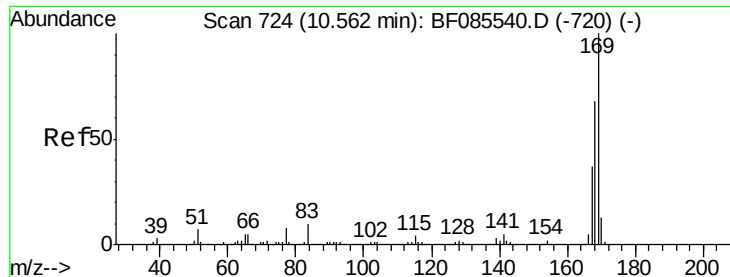


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.29 ng

RT: 10.54 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

Instrument :

BNA_F

ClientSampleId :

PB89079BS

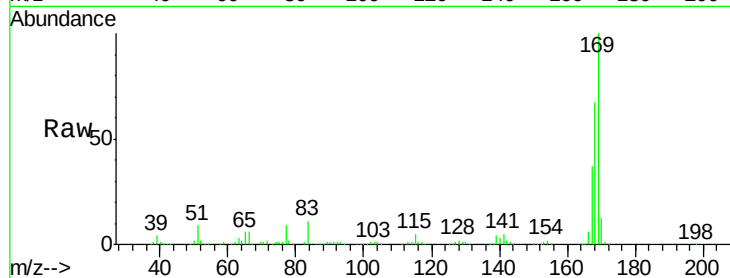
Tgt Ion:169 Resp: 630644

Ion Ratio Lower Upper

169 100

168 67.1 54.4 81.6

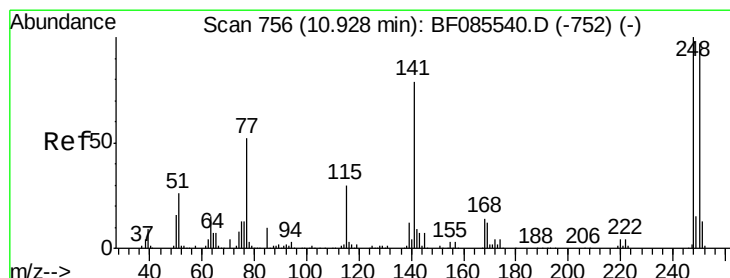
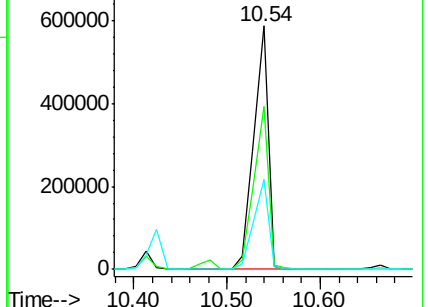
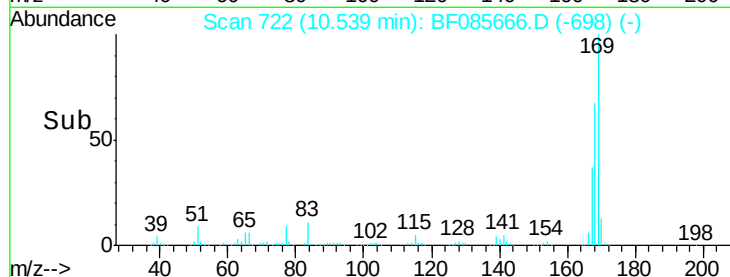
167 37.0 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.00 ng

RT: 10.90 min Scan# 754

Delta R.T. -0.02 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

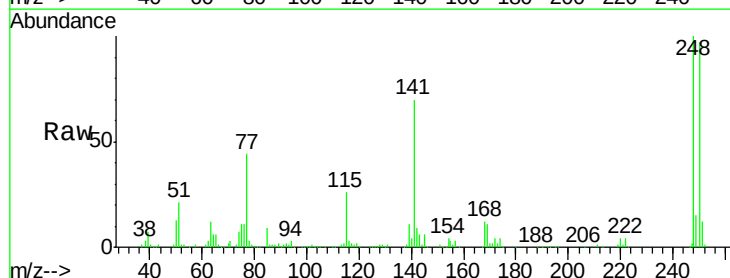
Tgt Ion:248 Resp: 206120

Ion Ratio Lower Upper

248 100

250 97.1 77.4 116.0

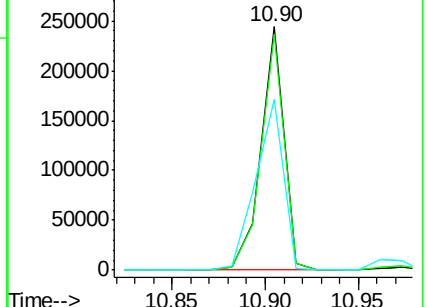
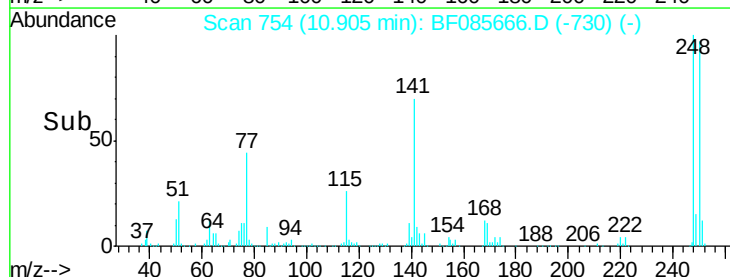
141 70.3 63.6 95.4

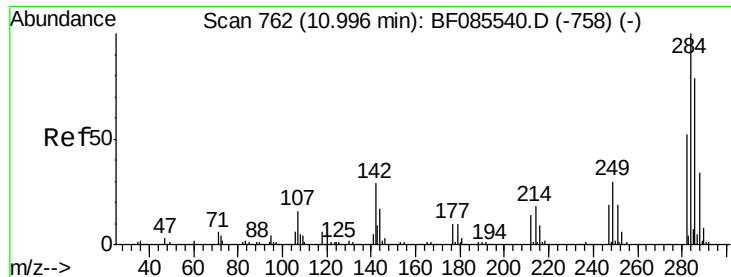


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

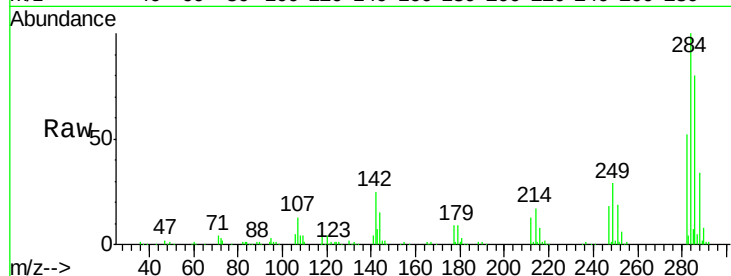




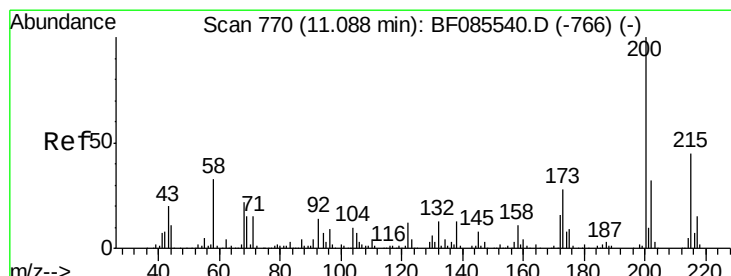
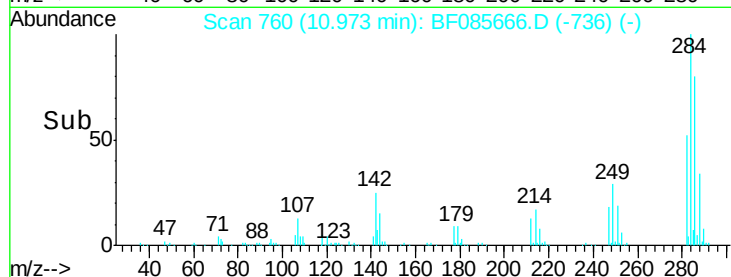
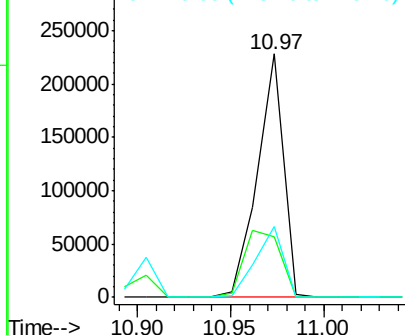
#67
Hexachlorobenzene
Concen: 38.05 ng
RT: 10.97 min Scan# 760
Delta R.T. -0.02 min
Lab File: BF085666.D
Acq: 22 Mar 2016 18:46

Instrument :
BNA_F
ClientSampleId :
PB89079BS

Tgt Ion:284 Resp: 219261
Ion Ratio Lower Upper
284 100
142 25.0 23.1 34.7
249 29.3 24.2 36.2

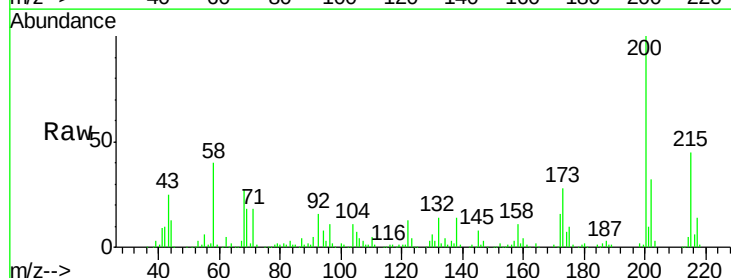


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

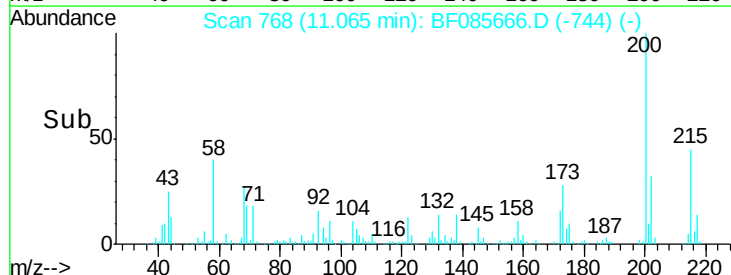
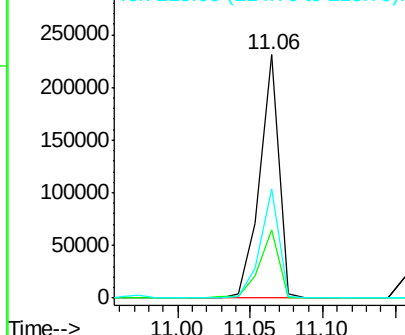


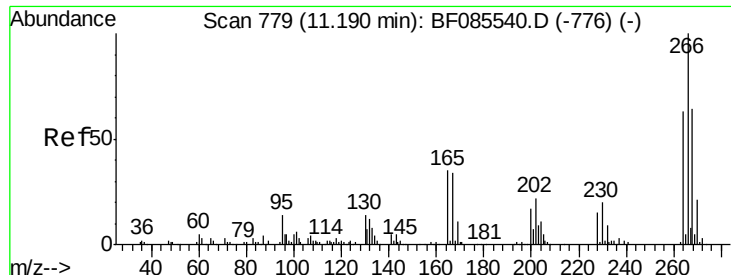
#68
Atrazine
Concen: 41.49 ng
RT: 11.06 min Scan# 768
Delta R.T. -0.02 min
Lab File: BF085666.D
Acq: 22 Mar 2016 18:46

Tgt Ion:200 Resp: 213630
Ion Ratio Lower Upper
200 100
173 27.8 7.7 47.7
215 45.1 25.4 65.4



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

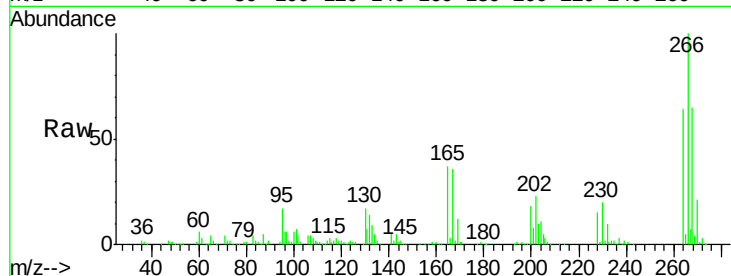




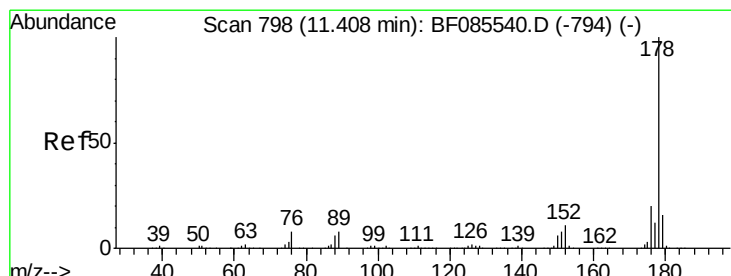
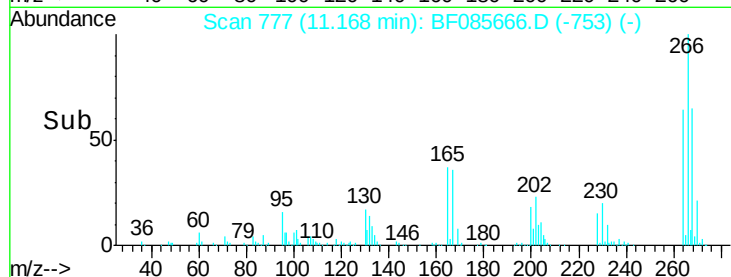
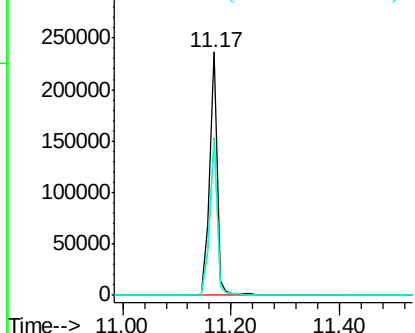
#69
 Pentachlorophenol
 Concen: 65.61 ng
 RT: 11.17 min Scan# 777
 Delta R.T. -0.02 min
 Lab File: BF085666.D
 Acq: 22 Mar 2016 18:46

Instrument :
 BNA_F
 ClientSampleId :
 PB89079BS

Tgt Ion:266 Resp: 229545
 Ion Ratio Lower Upper
 266 100
 268 64.7 51.5 77.3
 264 63.8 50.6 76.0

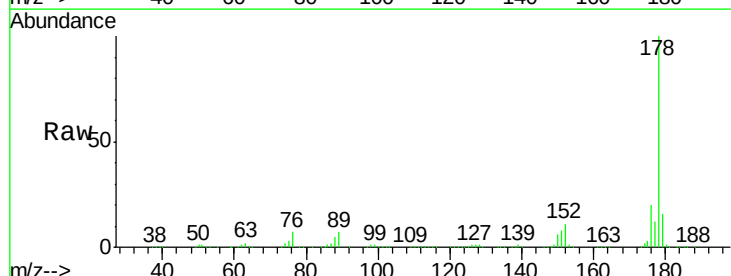


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

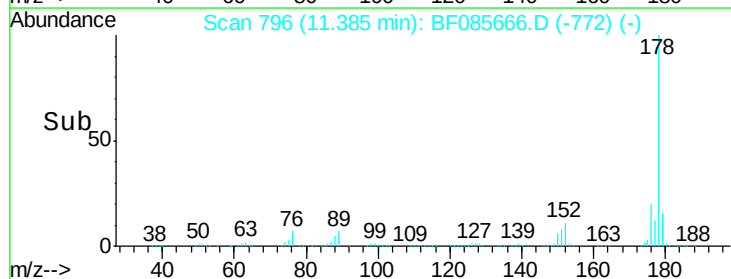
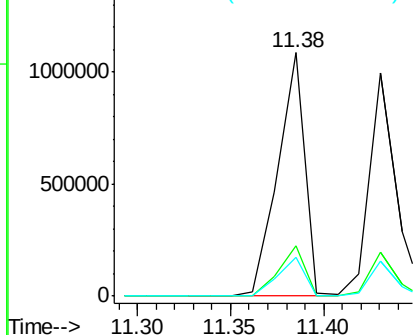


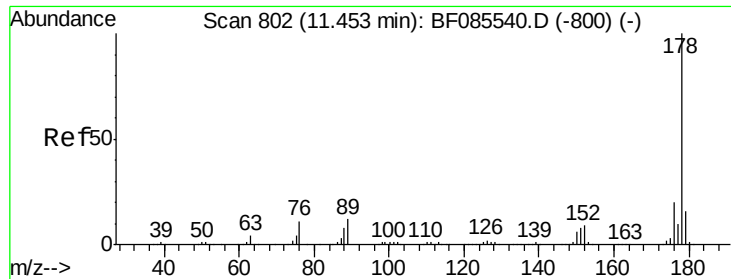
#70
 Phenanthrene
 Concen: 38.21 ng
 RT: 11.38 min Scan# 796
 Delta R.T. -0.02 min
 Lab File: BF085666.D
 Acq: 22 Mar 2016 18:46

Tgt Ion:178 Resp: 1093973
 Ion Ratio Lower Upper
 178 100
 176 20.5 16.3 24.5
 179 15.8 12.6 18.8



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

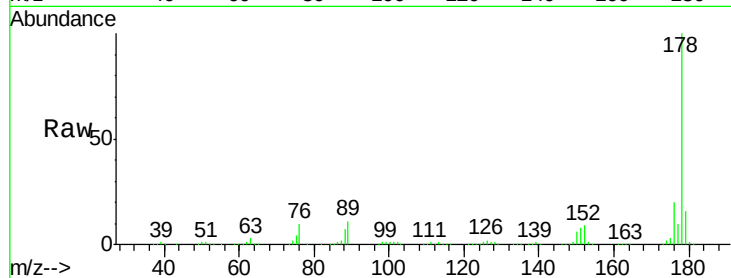




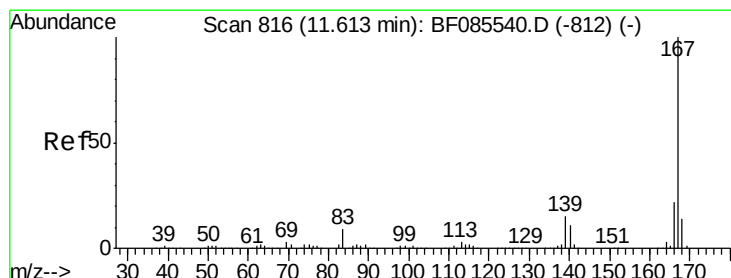
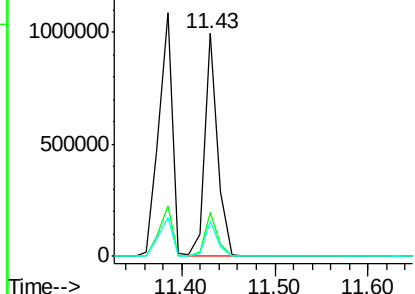
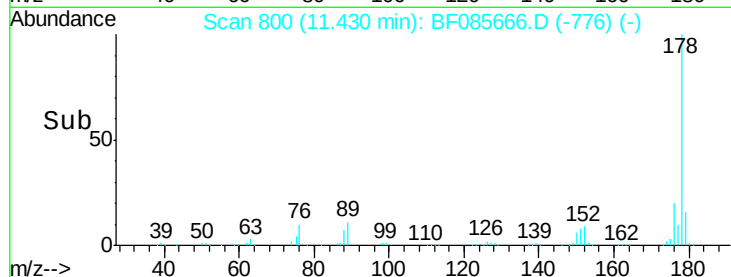
#71
 Anthracene
 Concen: 31.93 ng
 RT: 11.43 min Scan# 800
 Delta R.T. -0.02 min
 Lab File: BF085666.D
 Acq: 22 Mar 2016 18:46

Instrument :
 BNA_F
 ClientSampleId :
 PB89079BS

Tgt Ion:178 Resp: 958321
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.9 23.9
 179 16.0 13.0 19.4

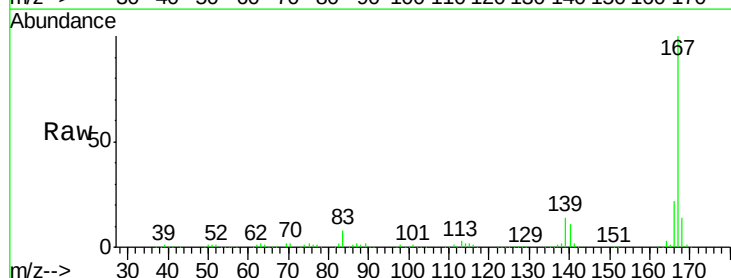


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

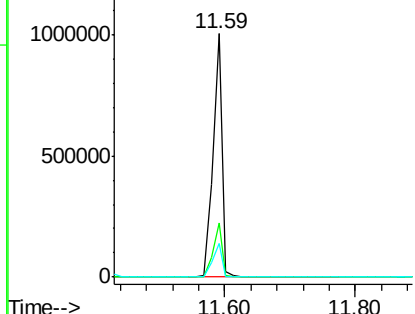
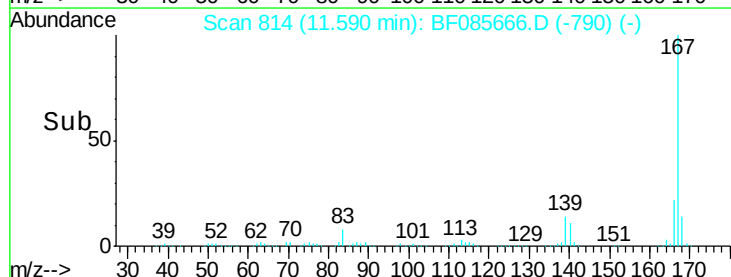


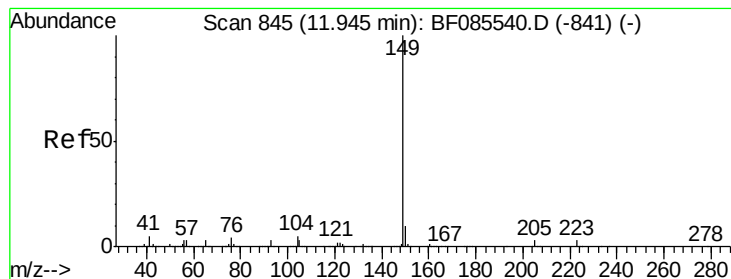
#72
 Carbazole
 Concen: 38.11 ng
 RT: 11.59 min Scan# 814
 Delta R.T. -0.02 min
 Lab File: BF085666.D
 Acq: 22 Mar 2016 18:46

Tgt Ion:167 Resp: 986898
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.8 26.8
 139 14.1 11.6 17.4



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





#73

Di-n-butylphthalate

Concen: 37.67 ng

RT: 11.92 min Scan# 843

Delta R.T. -0.02 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

Instrument :

BNA_F

ClientSampleId :

PB89079BS

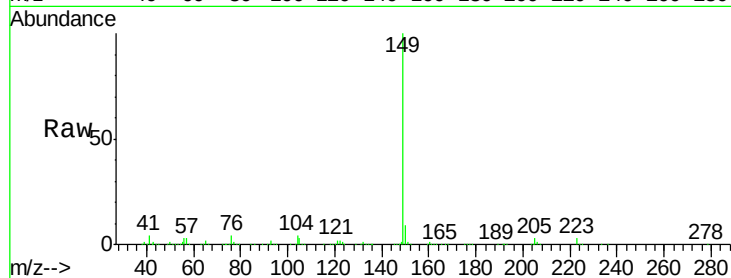
Tgt Ion:149 Resp: 1221432

Ion Ratio Lower Upper

149 100

150 9.3 7.6 11.4

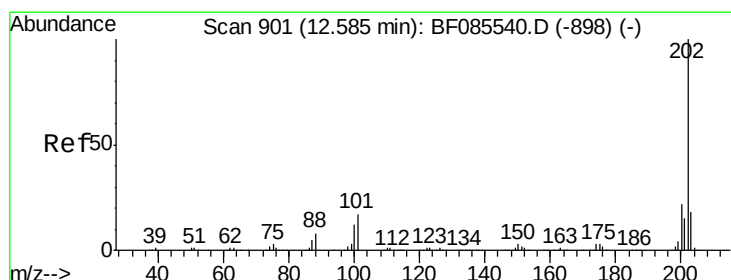
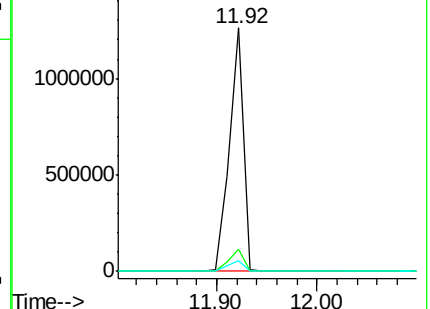
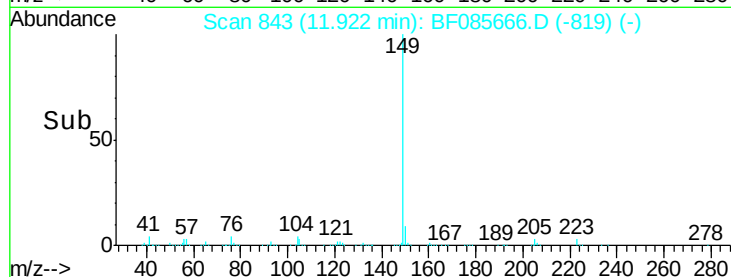
104 4.5 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 33.45 ng

RT: 12.56 min Scan# 899

Delta R.T. -0.02 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

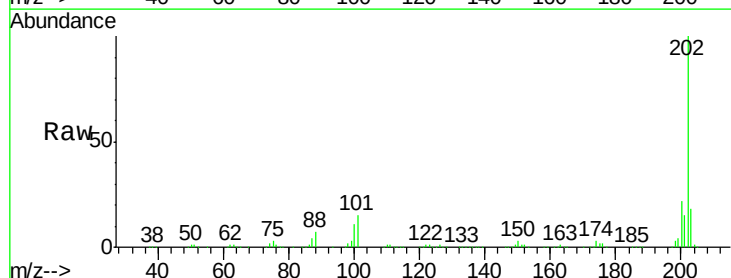
Tgt Ion:202 Resp: 1002706

Ion Ratio Lower Upper

202 100

101 14.5 0.0 36.6

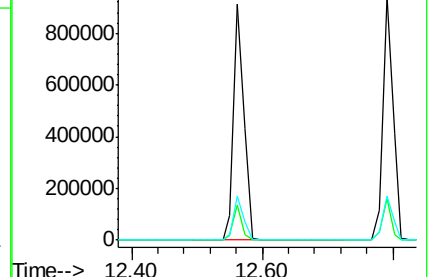
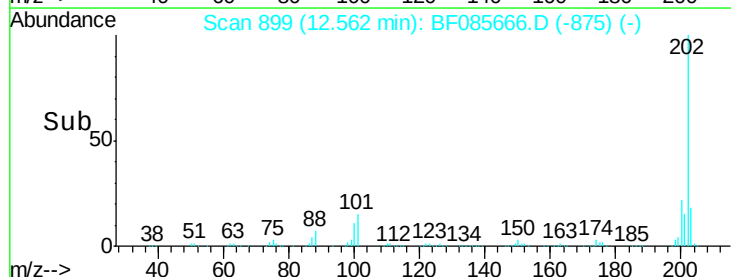
203 18.3 0.0 38.1

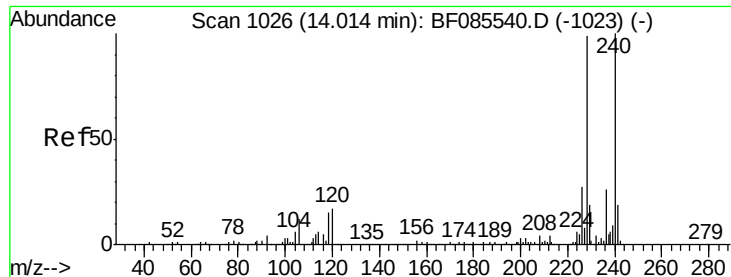


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

Instrument :

BNA_F

ClientSampleId :

PB89079BS

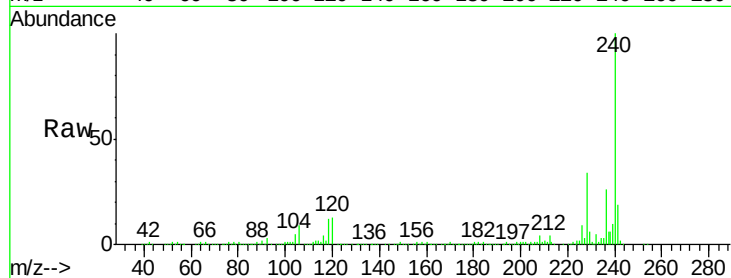
Tgt Ion:240 Resp: 434781

Ion Ratio Lower Upper

240 100

120 13.1 13.8 20.8#

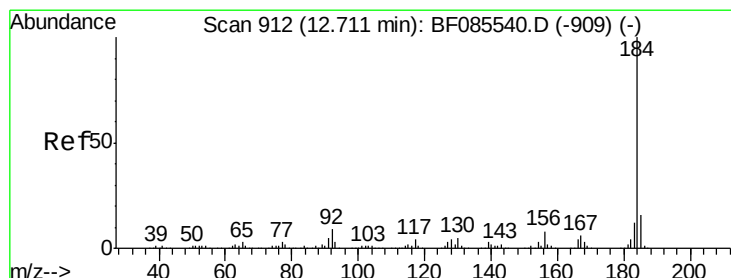
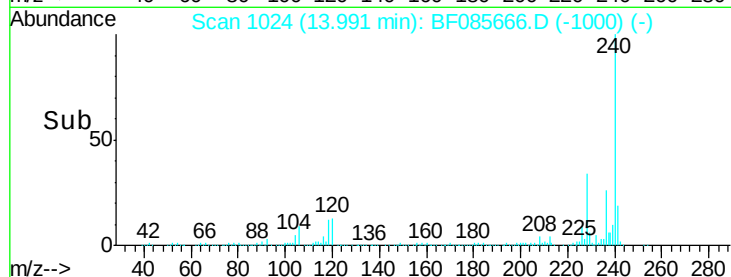
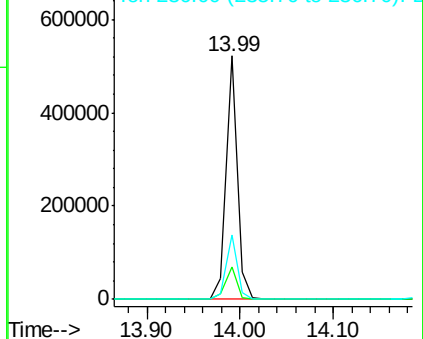
236 26.4 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 21.07 ng

RT: 12.69 min Scan# 910

Delta R.T. -0.02 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

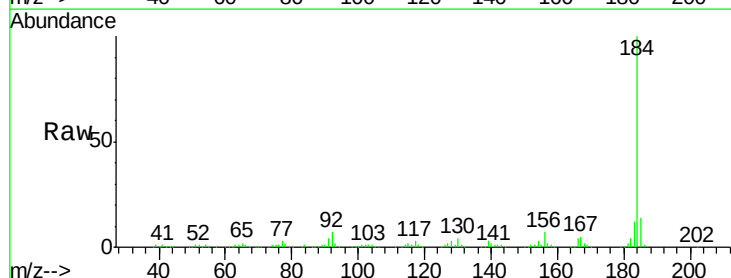
Tgt Ion:184 Resp: 308100

Ion Ratio Lower Upper

184 100

185 14.4 12.4 18.6

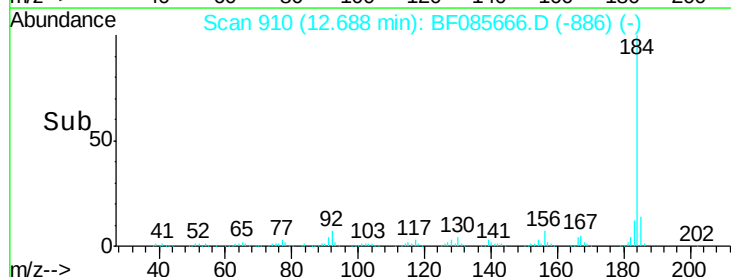
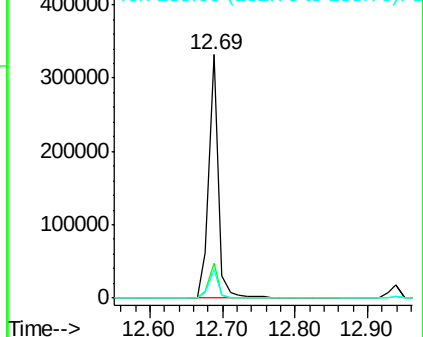
183 11.6 9.4 14.2

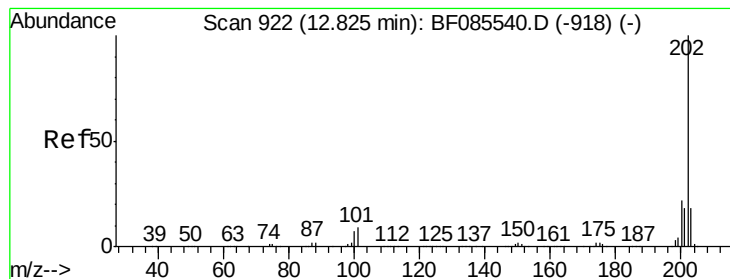


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 32.62 ng

RT: 12.79 min Scan# 919

Delta R.T. -0.03 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

Instrument :

BNA_F

ClientSampleId :

PB89079BS

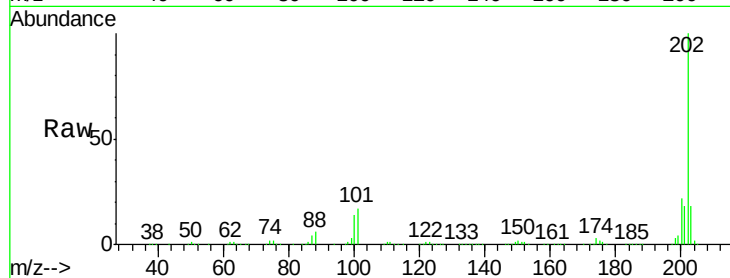
Tgt Ion:202 Resp: 1018250

Ion Ratio Lower Upper

202 100

200 22.3 17.6 26.4

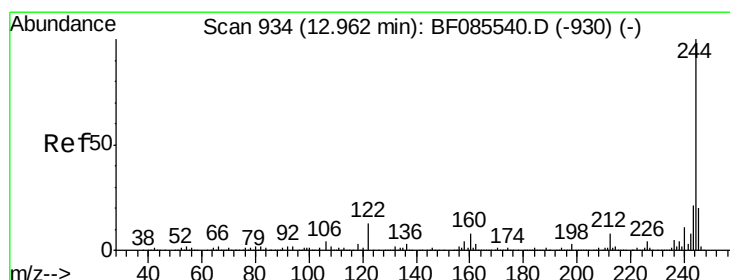
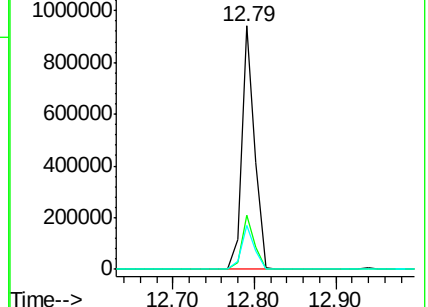
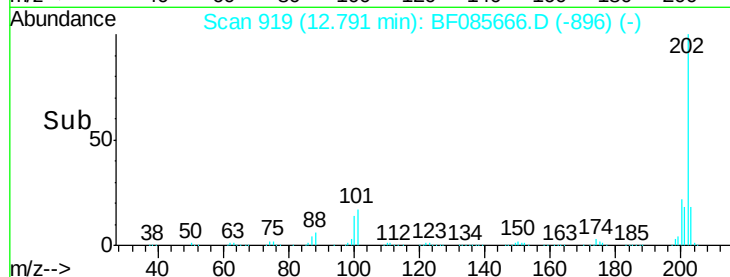
203 18.2 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 67.38 ng

RT: 12.94 min Scan# 932

Delta R.T. -0.02 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

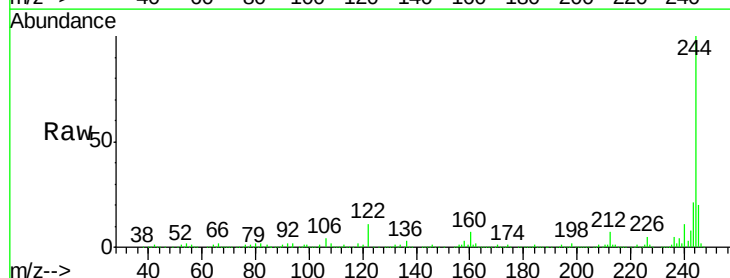
Tgt Ion:244 Resp: 1217471

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

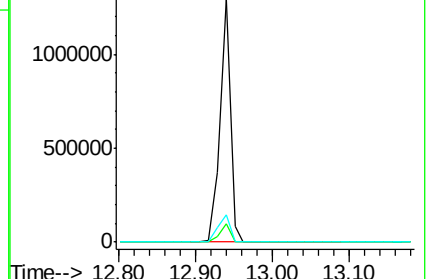
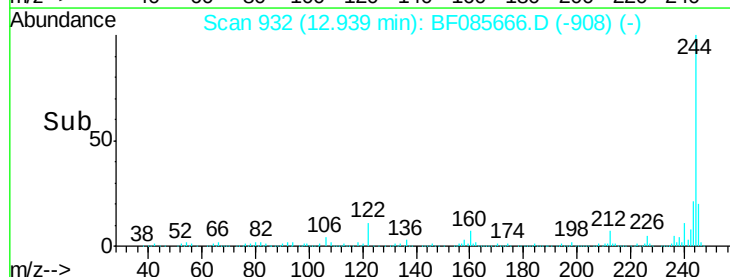
122 11.2 10.2 15.4

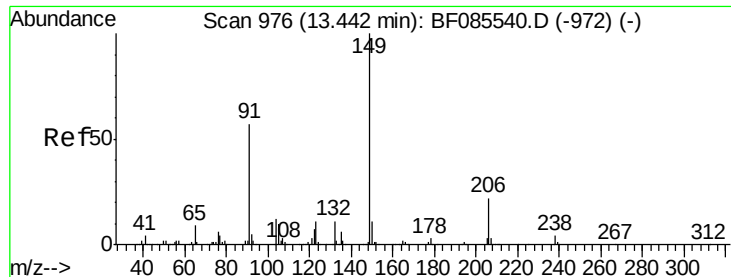


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

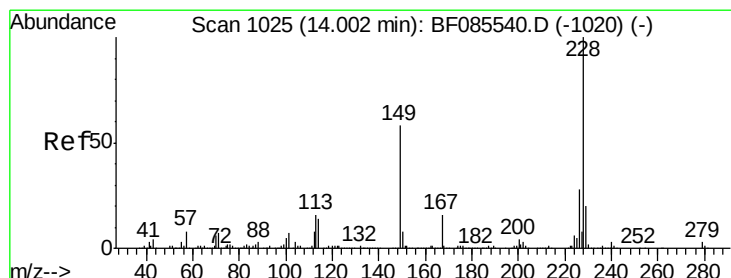
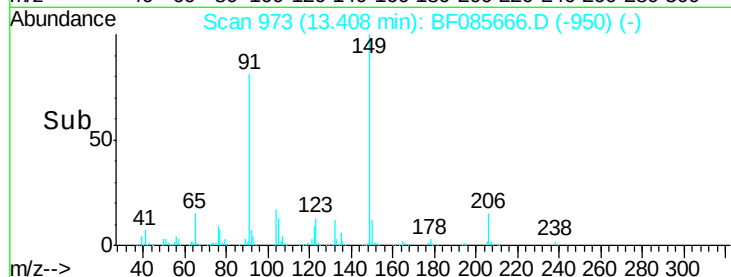
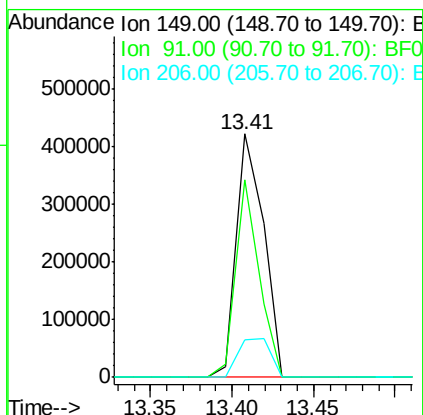
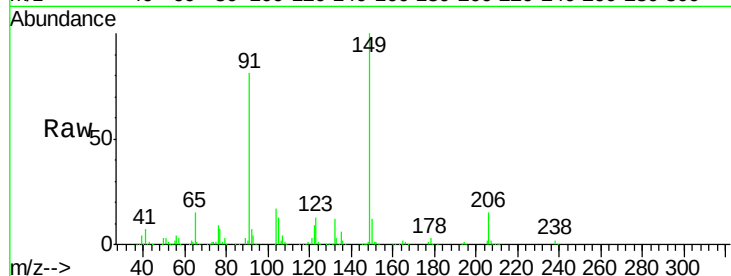




#79
Butylbenzylphthalate
Concen: 32.76 ng
RT: 13.41 min Scan# 973
Delta R.T. -0.03 min
Lab File: BF085666.D
Acq: 22 Mar 2016 18:46

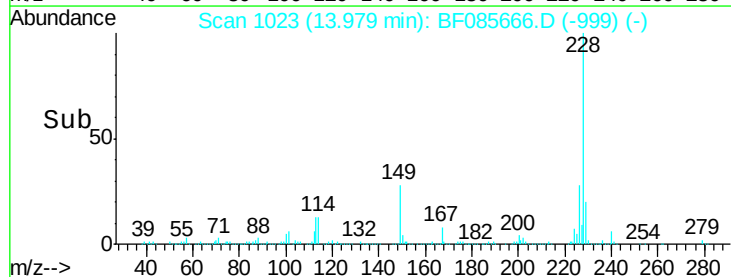
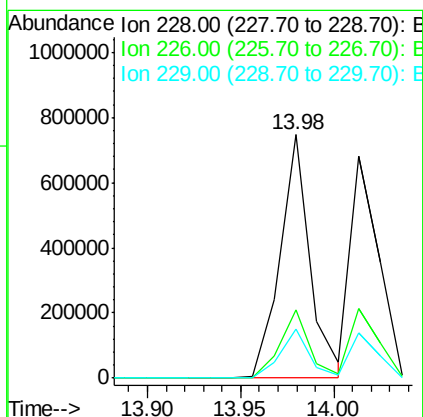
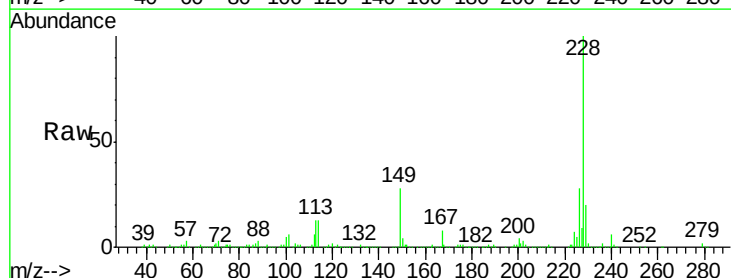
Instrument :
BNA_F
ClientSampled :
PB89079BS

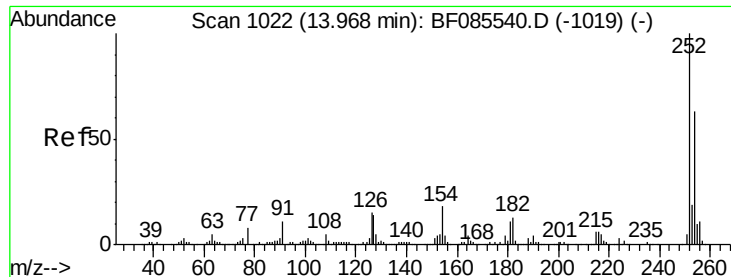
Tgt Ion:149 Resp: 487446
Ion Ratio Lower Upper
149 100
91 81.1 45.8 68.8#
206 15.2 17.8 26.8#



#80
Benzo(a)anthracene
Concen: 33.02 ng
RT: 13.98 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF085666.D
Acq: 22 Mar 2016 18:46

Tgt Ion:228 Resp: 833456
Ion Ratio Lower Upper
228 100
226 28.3 22.1 33.1
229 20.3 16.2 24.4

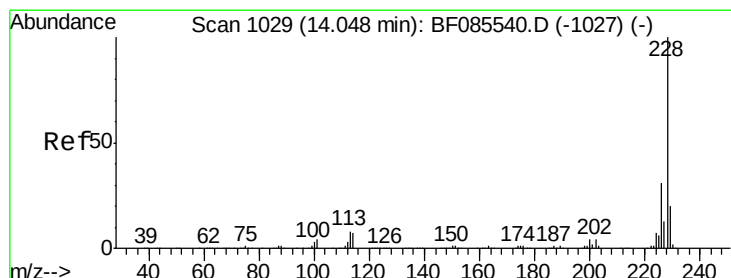
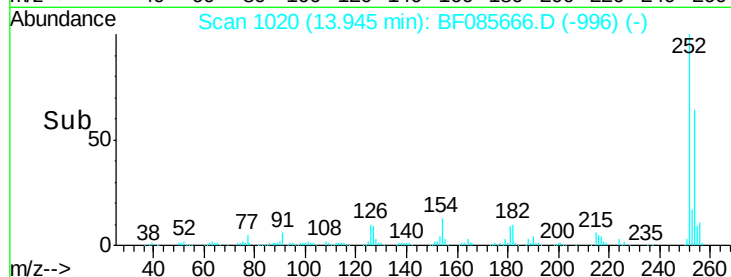
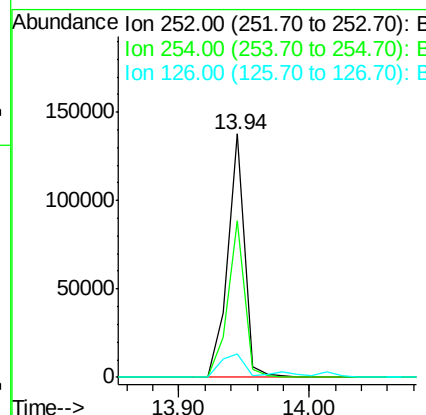
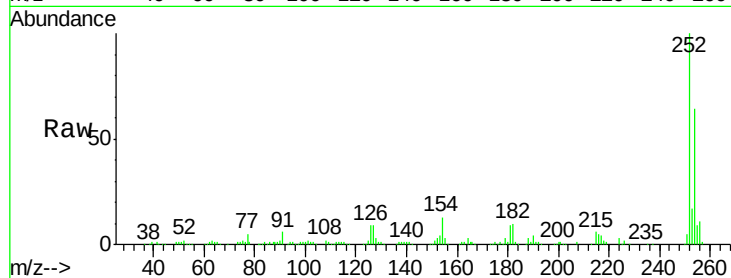




#81
 3,3'-Dichlorobenzidine
 Concen: 13.60 ng
 RT: 13.94 min Scan# 1020
 Delta R.T. -0.02 min
 Lab File: BF085666.D
 Acq: 22 Mar 2016 18:46

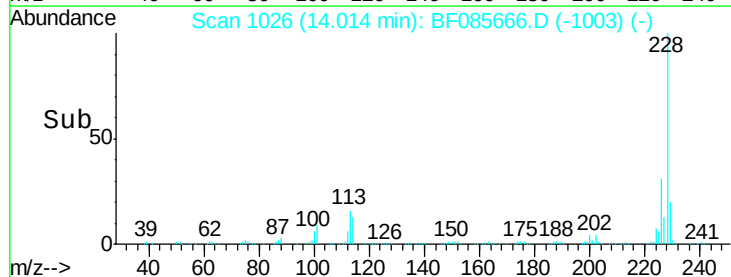
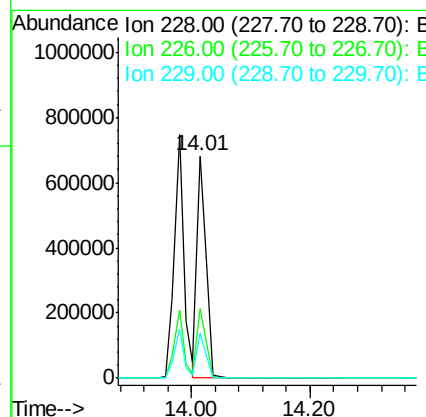
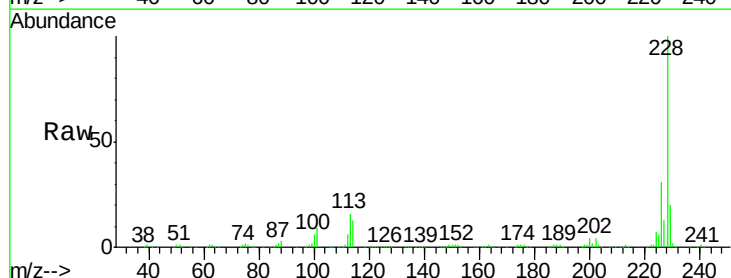
Instrument :
 BNA_F
 ClientSampleId :
 PB89079BS

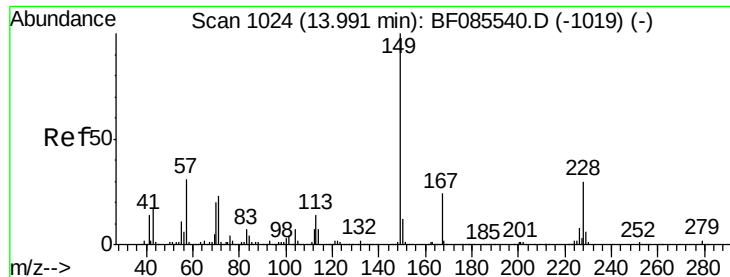
Tgt Ion: 252 Resp: 125833
 Ion Ratio Lower Upper
 252 100
 254 64.1 50.7 76.1
 126 9.5 11.8 17.6#



#82
 Chrysene
 Concen: 30.18 ng
 RT: 14.01 min Scan# 1026
 Delta R.T. -0.03 min
 Lab File: BF085666.D
 Acq: 22 Mar 2016 18:46

Tgt Ion: 228 Resp: 732882
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.0 37.6
 229 20.4 15.7 23.5

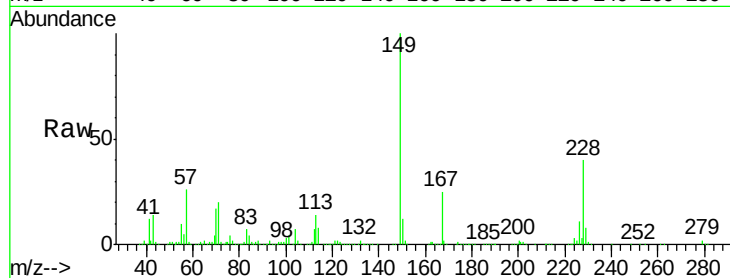




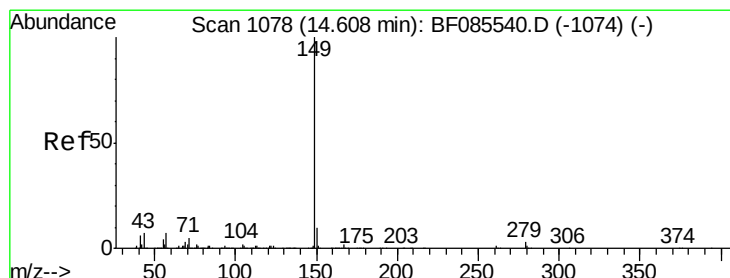
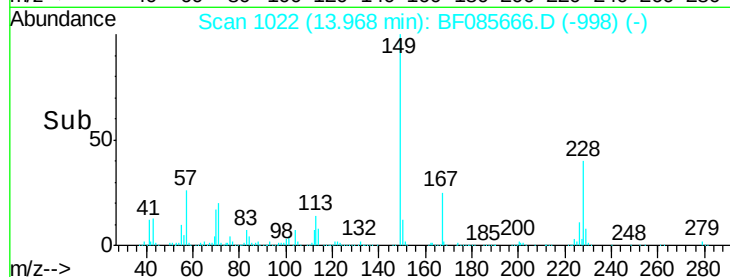
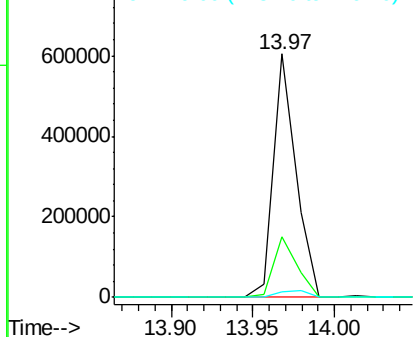
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 31.62 ng
 RT: 13.97 min Scan# 1022
 Delta R.T. -0.02 min
 Lab File: BF085666.D
 Acq: 22 Mar 2016 18:46

Instrument :
 BNA_F
 ClientSampleId :
 PB89079BS

Tgt Ion:149 Resp: 584496
 Ion Ratio Lower Upper
 149 100
 167 25.1 19.4 29.2
 279 2.4 1.5 2.3#

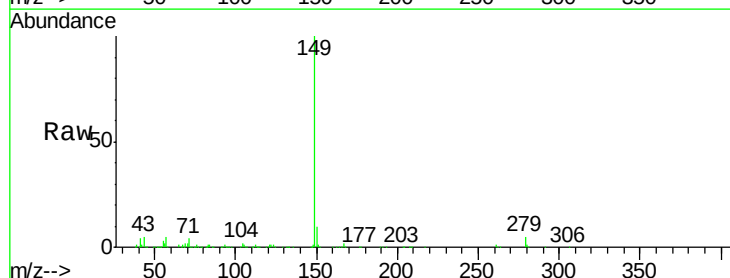


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

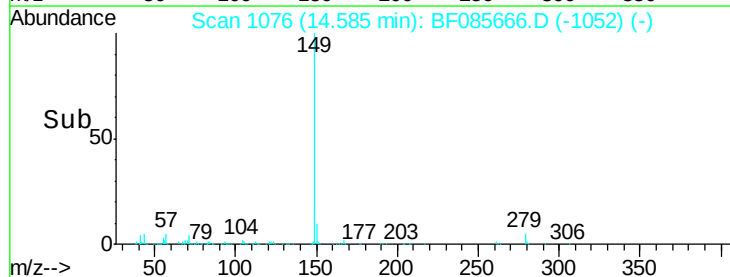
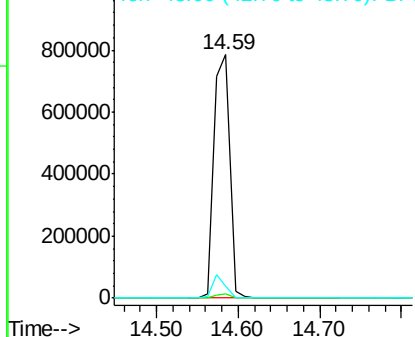


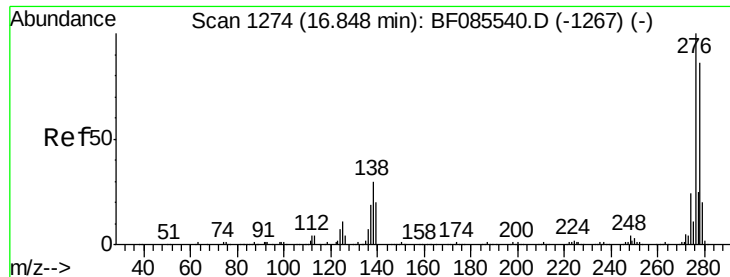
#84
 Di-n-octyl phthalate
 Concen: 35.20 ng
 RT: 14.59 min Scan# 1076
 Delta R.T. -0.02 min
 Lab File: BF085666.D
 Acq: 22 Mar 2016 18:46

Tgt Ion:149 Resp: 1060329
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 7.7 7.1 10.7



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

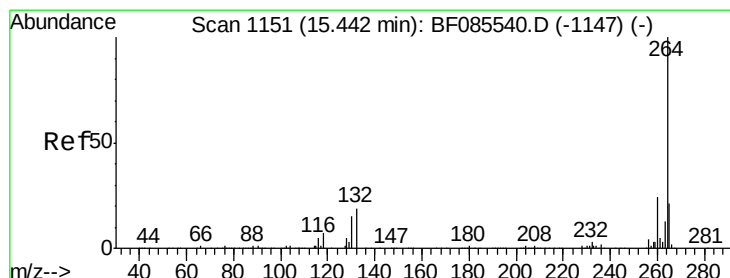
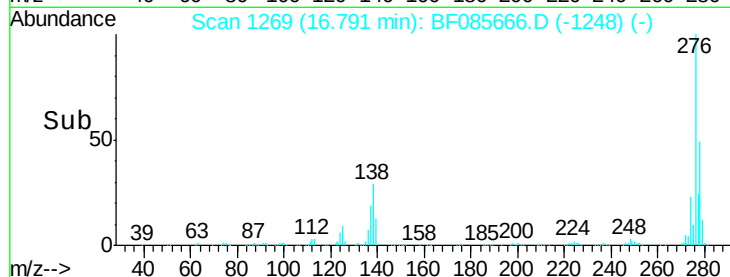
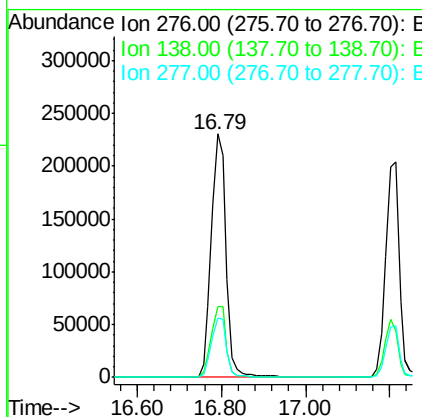
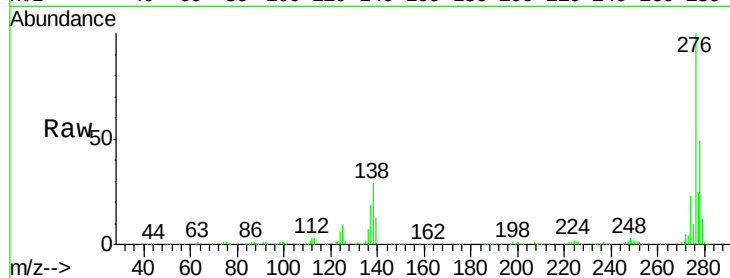




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 28.04 ng
 RT: 16.79 min Scan# 1269
 Delta R.T. -0.06 min
 Lab File: BF085666.D
 Acq: 22 Mar 2016 18:46

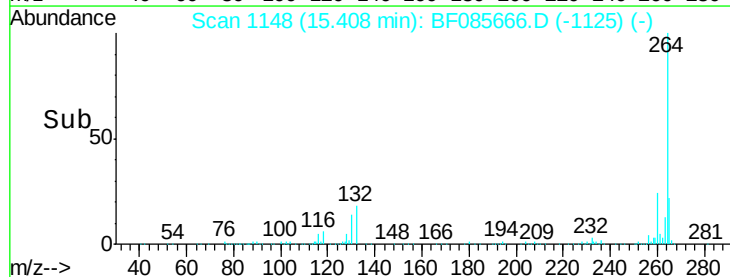
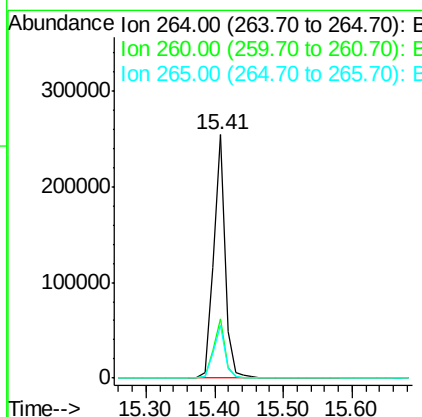
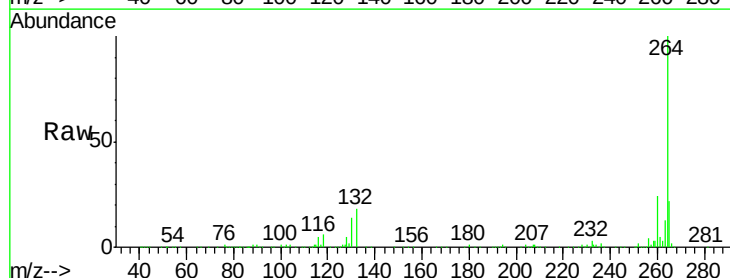
Instrument :
 BNA_F
 ClientSampleId :
 PB89079BS

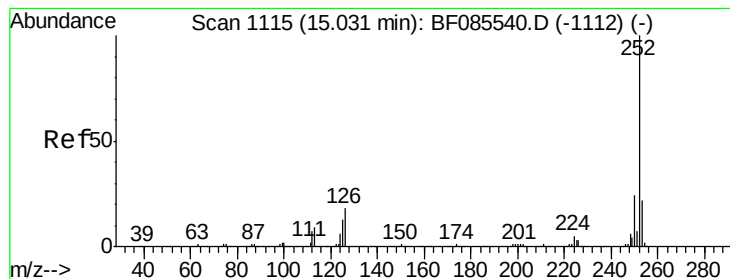
Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.6	24.2	36.4
277	25.0	20.0	30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1148
 Delta R.T. -0.03 min
 Lab File: BF085666.D
 Acq: 22 Mar 2016 18:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	21.6	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 67.81 ng

RT: 15.03 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

Instrument :

BNA_F

ClientSampleId :

PB89079BS

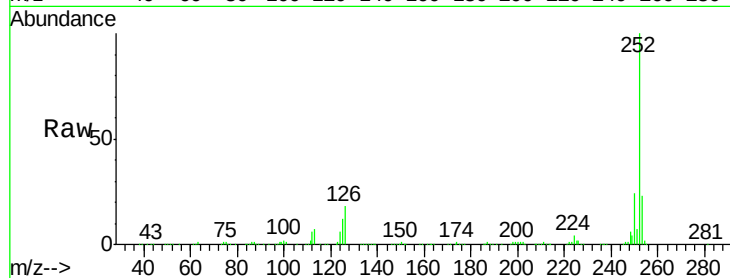
Tgt Ion:252 Resp: 1330294

Ion Ratio Lower Upper

252 100

253 22.8 17.6 26.4

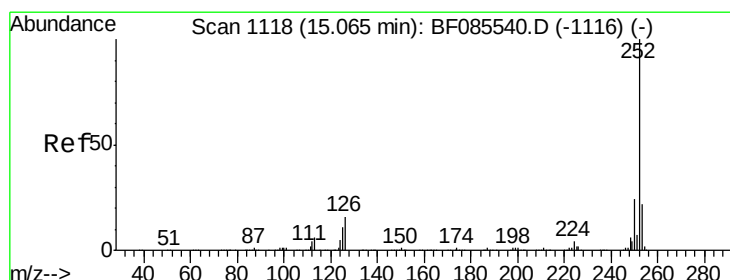
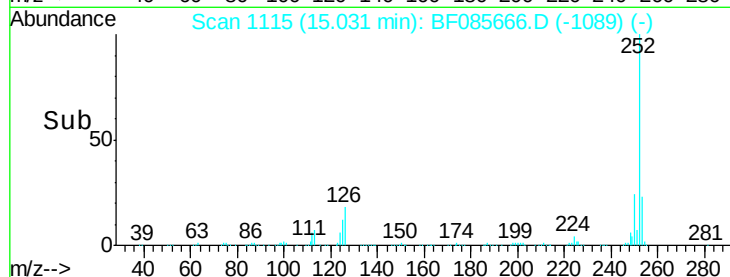
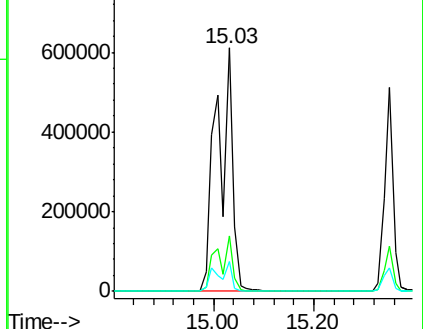
125 12.4 10.3 15.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 82.36 ng

RT: 15.03 min Scan# 1115

Delta R.T. -0.03 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

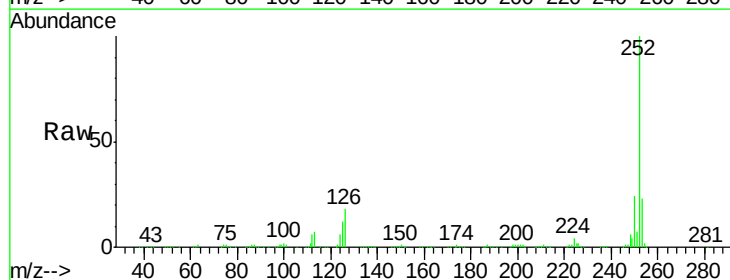
Tgt Ion:252 Resp: 1331242

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.6

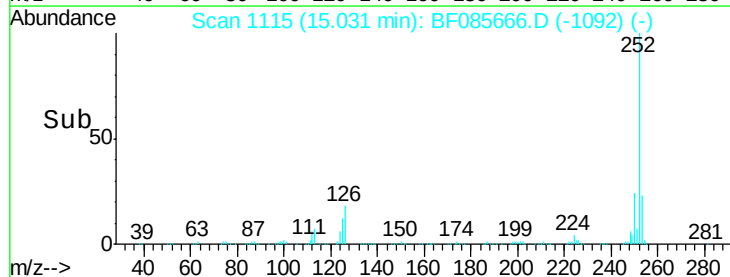
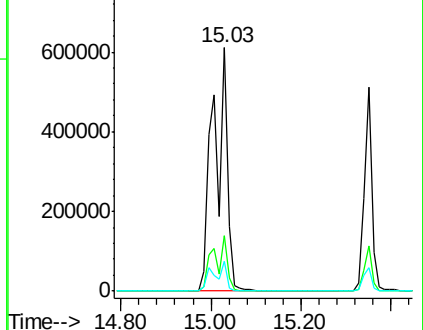
125 12.4 7.7 11.5#

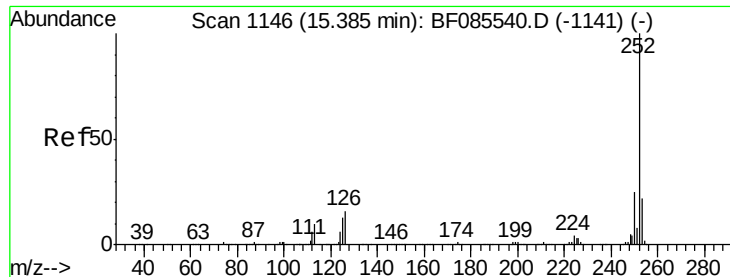


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 36.64 ng

RT: 15.35 min Scan# 1143

Delta R.T. -0.03 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

Instrument :

BNA_F

ClientSampleId :

PB89079BS

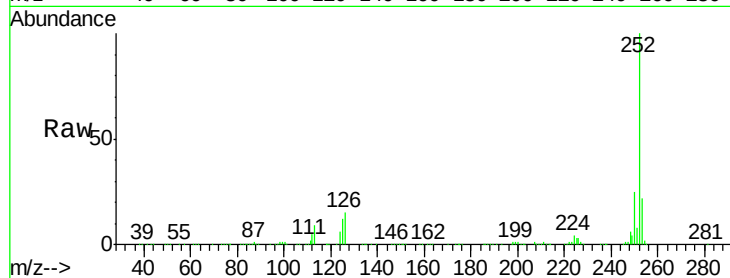
Tgt Ion:252 Resp: 609406

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

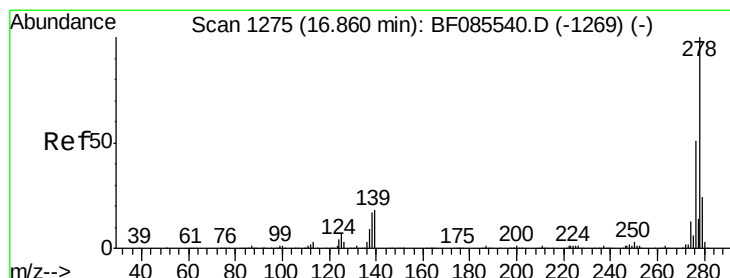
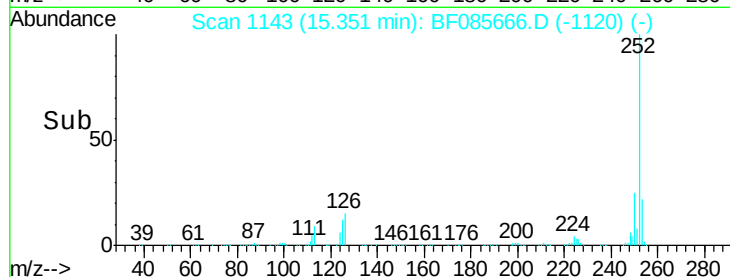
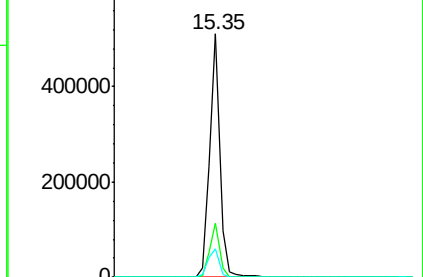
125 11.7 10.3 15.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 34.52 ng

RT: 16.80 min Scan# 1270

Delta R.T. -0.06 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

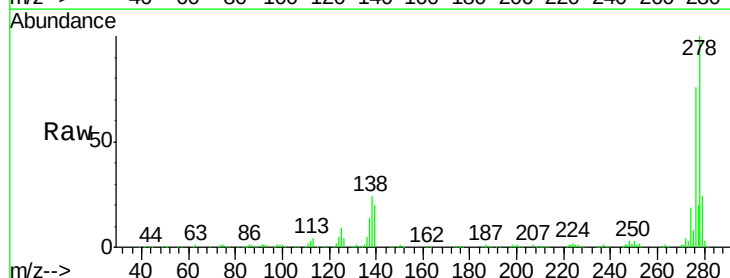
Tgt Ion:278 Resp: 478907

Ion Ratio Lower Upper

278 100

139 20.5 14.4 21.6

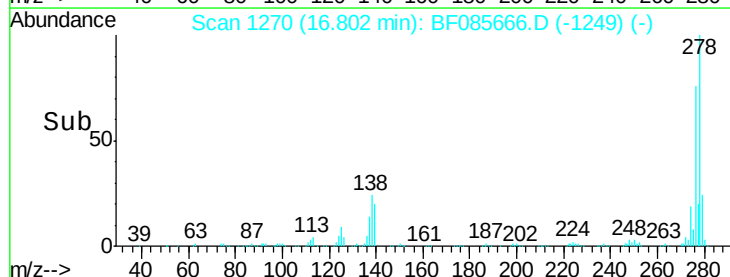
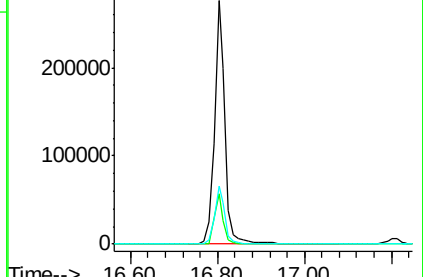
279 24.0 19.1 28.7

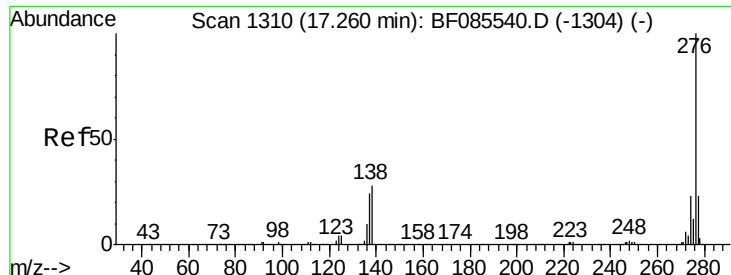


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 35.11 ng

RT: 17.21 min Scan# 1306

Delta R.T. -0.05 min

Lab File: BF085666.D

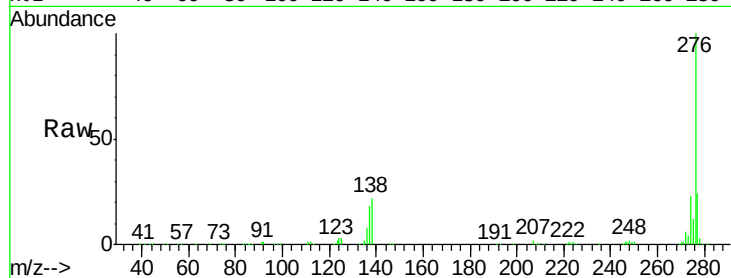
Acq: 22 Mar 2016 18:46

Instrument :

BNA_F

ClientSampleId :

PB89079BS



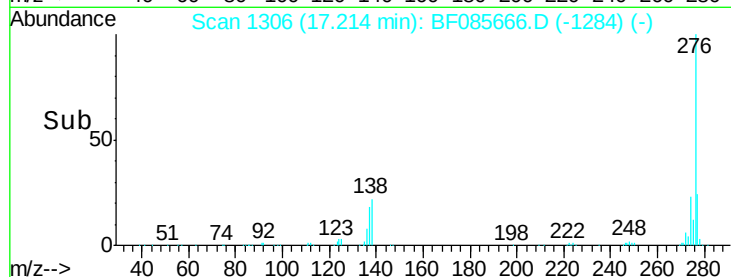
Tgt Ion: 276 Resp: 471447

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 21.8 22.6 34.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

