

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
 Data File : BF088389.D
 Acq On : 25 Jun 2016 21:06
 Operator : UM/SJ
 Sample : H3602-09MSD
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB-B1(0-12)CMSD

Quant Time: Jun 26 03:43:53 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	72619	20.00	ng	-0.05
21) Naphthalene-d8	7.85	136	290487	20.00	ng	-0.05
38) Acenaphthene-d10	9.60	164	119390	20.00	ng	-0.05
63) Phenanthrene-d10	11.07	188	188738	20.00	ng	-0.05
75) Chrysene-d12	13.70	240	133626	20.00	ng	-0.05
86) Perylene-d12	15.05	264	118207	20.00	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.15	112	520202	122.46	ng	-0.02
7) Phenol-d6	6.24	99	618020	120.05	ng	-0.02
23) Nitrobenzene-d5	7.14	82	391804	78.76	ng	-0.03
41) 2,4,6-Tribromophenol	10.39	330	133248	105.70	ng	-0.05
44) 2-Fluorobiphenyl	8.92	172	734791	97.50	ng	-0.05
78) Terphenyl-d14	12.65	244	494706	84.24	ng	-0.05

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.01	88	61184	29.64	ng	# 21
3) Pyridine	2.64	79	168585	34.59	ng	# 91
4) n-Nitrosodimethylamine	2.60	42	68830	33.35	ng	# 76
6) Aniline	6.23	93	145350	19.84	ng	# 90
8) 2-Chlorophenol	6.35	128	219830	43.72	ng	# 92
10) Phenol	6.25	94	257116	48.57	ng	# 83
11) bis(2-Chloroethyl)ether	6.31	93	215527	47.75	ng	# 90
12) 1,3-Dichlorobenzene	6.50	146	204950m	37.99	ng	# 98
13) 1,4-Dichlorobenzene	6.58	146	216457m	39.83	ng	# 1
14) 1,2-Dichlorobenzene	6.73	146	199326m	40.33	ng	# 86
15) Benzyl Alcohol	6.73	79	144715	35.93	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	6.86	45	198382	32.53	ng	# 78
17) 2-Methylphenol	6.86	107	159589	39.14	ng	# 78
18) Hexachloroethane	7.07	117	62097	32.20	ng	# 96
19) n-Nitroso-di-n-propylamine	7.00	70	143990	43.72	ng	# 99
20) 3+4-Methylphenols	7.02	107	217255	45.67	ng	# 95
22) Acetophenone	6.99	105	296105	45.61	ng	# 92
24) Nitrobenzene	7.16	77	198366	41.17	ng	# 99
25) Isophorone	7.40	82	374127	40.60	ng	# 92
26) 2-Nitrophenol	7.47	139	107271	41.56	ng	# 99
27) 2,4-Dimethylphenol	7.54	122	172484	36.29	ng	# 98
28) bis(2-Chloroethoxy)methane	7.62	93	250662	43.86	ng	# 92
29) 2,4-Dichlorophenol	7.74	162	172147	43.38	ng	# 99
30) 1,2,4-Trichlorobenzene	7.79	180	169929	39.33	ng	# 99
31) Naphthalene	7.87	128	623664	43.38	ng	# 96
33) 4-Chloroaniline	7.94	127	118981	18.54	ng	# 98
34) Hexachlorobutadiene	7.99	225	87012	38.18	ng	# 80
35) Caprolactam	8.32	113	50608	38.50	ng	# 95
36) 4-Chloro-3-methylphenol	8.44	107	180089	42.44	ng	# 96
37) 2-Methylnaphthalene	8.56	142	361047	38.11	ng	# 1
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	165271	59.78	ng	# 98
42) 2,4,6-Trichlorophenol	8.86	196	104718	43.86	ng	# 80
43) 2,4,5-Trichlorophenol	8.90	196	104453	42.05	ng	# 98
45) 1,1'-Biphenyl	9.03	154	464865	52.97	ng	

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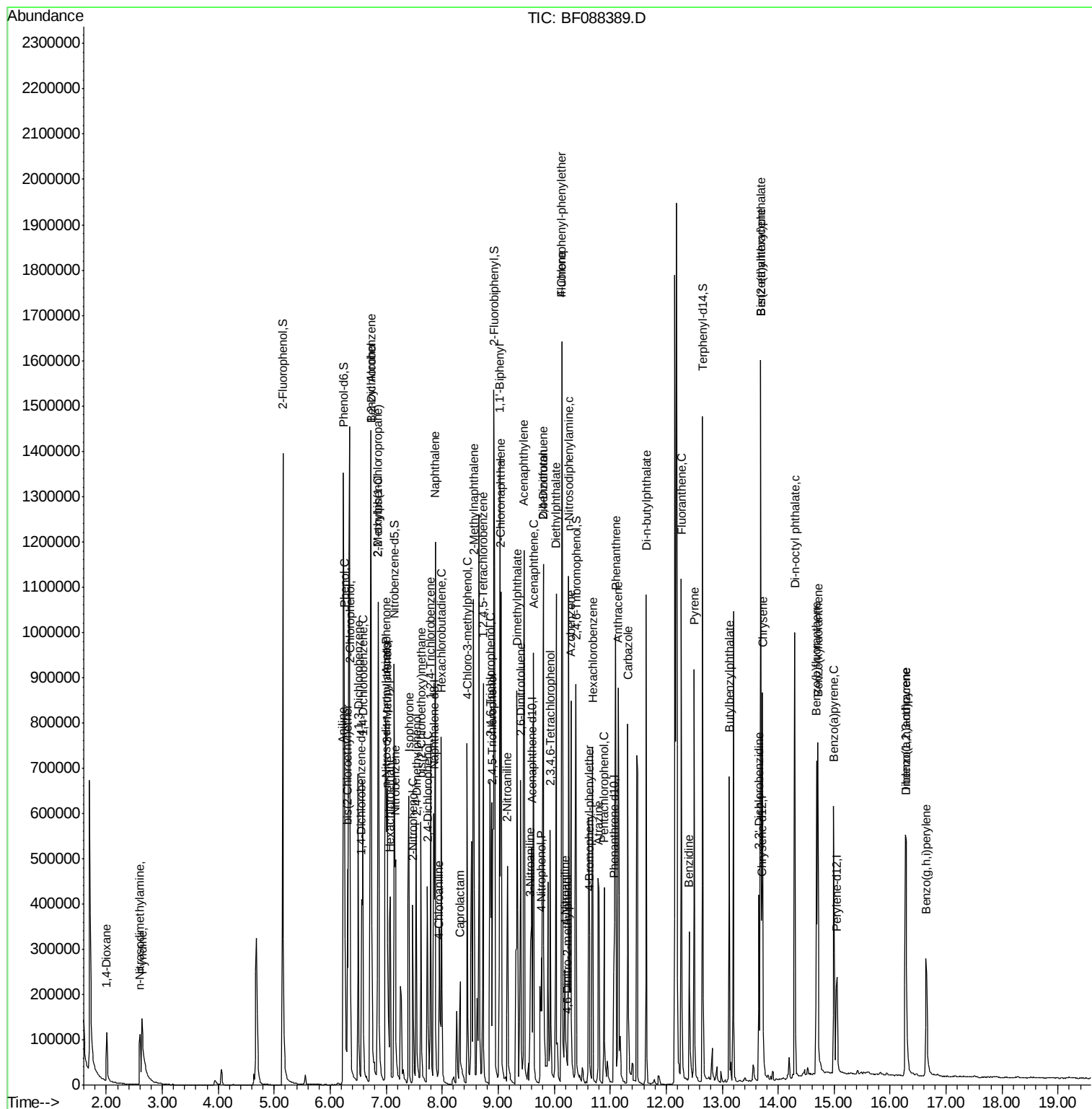
46) 2-Chloronaphthalene	9.05	162	359751	46.56	nq	97
47) 2-Nitroaniline	9.16	65	104835	46.00	nq	# 69
48) Acenaphthylene	9.46	152	540787	44.01	nq	99
49) Dimethylphthalate	9.34	163	485200	56.10	nq	99
50) 2,6-Dinitrotoluene	9.40	165	90714	45.80	nq	# 83
51) Acenaphthene	9.63	154	314744	41.06	nq	98
52) 3-Nitroaniline	9.58	138	80011	35.01	nq	84
54) Dibenzofuran	9.80	168	460675	43.63	nq	94
55) 4-Nitrophenol	9.77	139	56170m	31.67	nq	
56) 2,4-Dinitrotoluene	9.80	165	101929	40.04	nq	# 36
57) Fluorene	10.14	166	329197	46.28	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	81596	41.80	nq	# 59
59) Diethylphthalate	10.03	149	417733	47.72	nq	99
60) 4-Chlorophenyl-phenylether	10.14	204	154985	44.14	nq	97
61) 4-Nitroaniline	10.19	138	86977	40.12	nq	94
62) Azobenzene	10.30	77	377876	43.65	nq	96
64) 4,6-Dinitro-2-methylphenol	10.23	198	4789	6.04	nq	88
65) n-Nitrosodiphenylamine	10.26	169	327371	52.27	nq	100
66) 4-Bromophenyl-phenylether	10.63	248	96526	47.67	nq	93
67) Hexachlorobenzene	10.68	284	94192	44.77	nq	94
68) Atrazine	10.80	200	93635	49.37	nq	98
69) Pentachlorophenol	10.89	266	64496	58.16	nq	98
70) Phenanthrene	11.10	178	440162	44.44	nq	99
71) Anthracene	11.14	178	461514	46.20	nq	98
72) Carbazole	11.31	167	446412	47.75	nq	98
73) Di-n-butylphthalate	11.64	149	568560	48.04	nq	99
74) Fluoranthene	12.27	202	400271	38.30	nq	99
76) Benzidine	12.41	184	196921	53.22	nq	98
77) Pvrene	12.50	202	418289	42.18	nq	99
79) Butylbenzylphthalate	13.13	149	218465	49.83	nq	95
80) Benzo(a)anthracene	13.69	228	334235	43.89	nq	98
81) 3,3'-Dichlorobenzidine	13.66	252	102187	49.90	nq	# 97
82) Chrysene	13.73	228	386484	53.95	nq	98
83) Bis(2-ethylhexyl)phthalate	13.69	149	285344	53.47	nq	# 99
84) Di-n-octyl phthalate	14.30	149	497673	57.39	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.27	276	267683	40.22	nq	# 100
87) Benzo(b)fluoranthene	14.69	252	302731m	36.74	nq	
88) Benzo(k)fluoranthene	14.71	252	321255m	51.69	nq	
89) Benzo(a)pyrene	14.99	252	294274	44.15	nq	97
90) Dibenzo(a,h)anthracene	16.29	278	229389	37.05	nq	97
91) Benzo(g,h,i)perylene	16.64	276	221378	34.76	nq	98

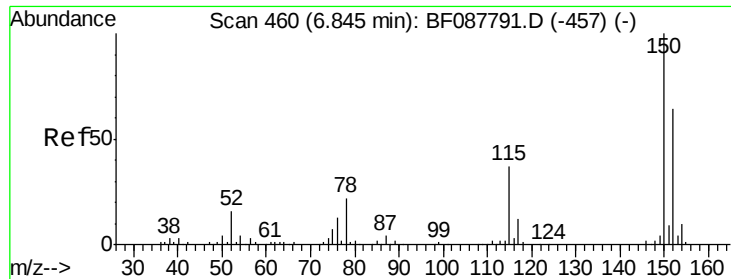
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 435

Delta R.T. -0.05 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

Instrument :

BNA_F

ClientSampleId :

PB-B1(0-12)CMSD

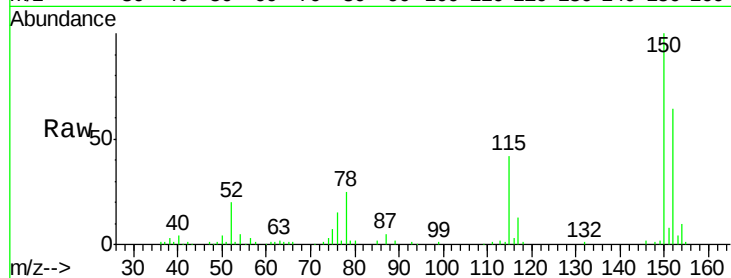
Tot Ion:152 Resp: 72619

Ion Ratio Lower Upper

152 100

150 156.4 123.8 185.6

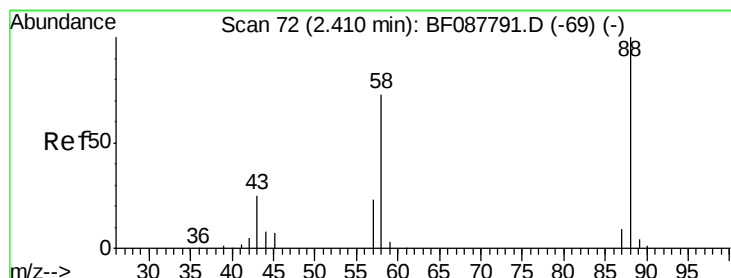
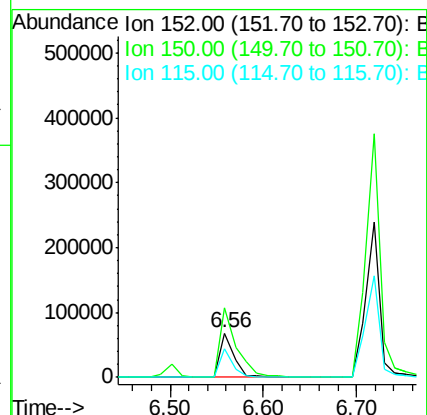
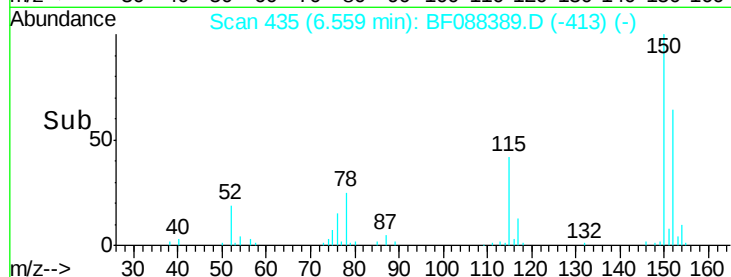
115 65.1 39.6 59.4#



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: 29.64 ng

RT: 2.01 min Scan# 37

Delta R.T. -0.01 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

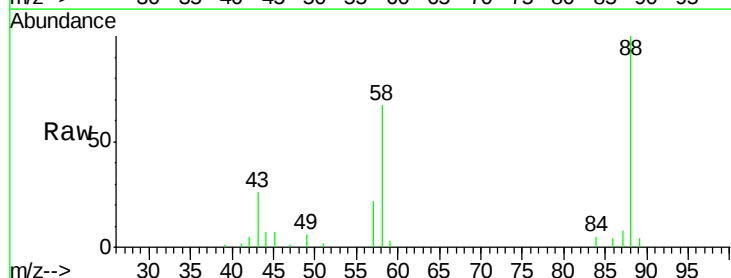
Tgt Ion: 88 Resp: 61184

Ion Ratio Lower Upper

88 100

58 69.4 0.0 0.0#

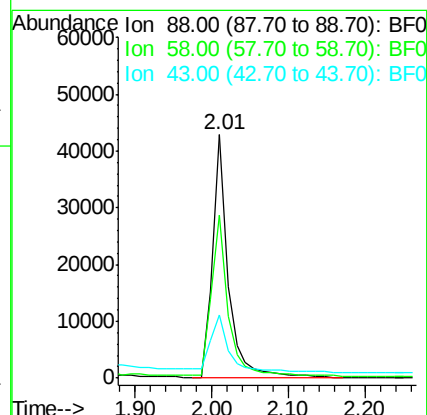
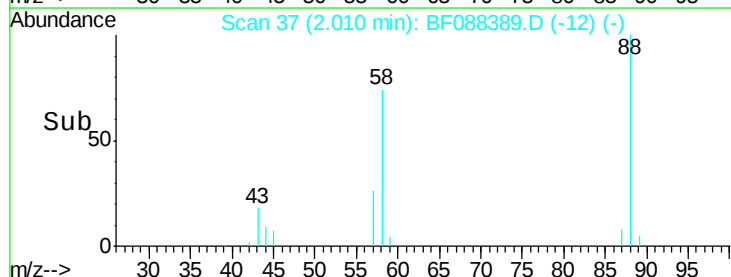
43 30.2 3.4 5.2#

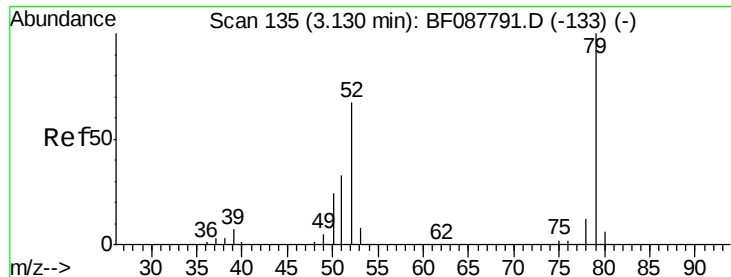


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 34.59 ng

RT: 2.64 min Scan# 92

Delta R.T. -0.03 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

Instrument :

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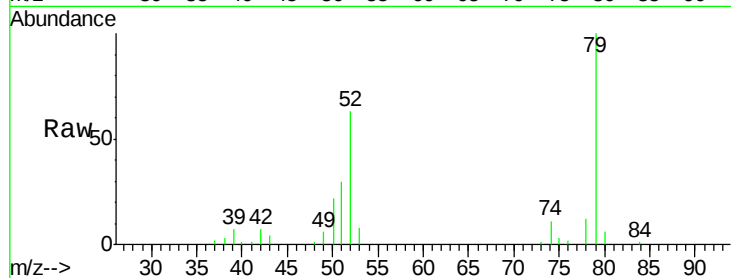
Tot Ion: 79 Resp: 168585

Ion Ratio Lower Upper

79 100

52 62.6 56.3 84.5

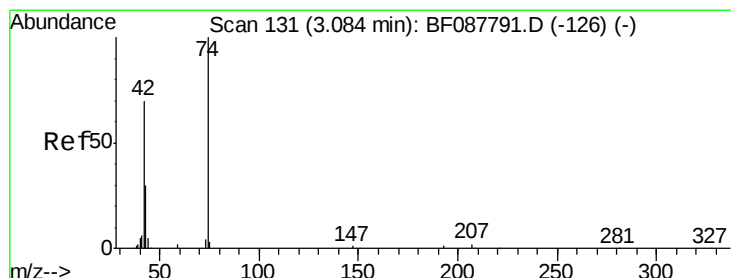
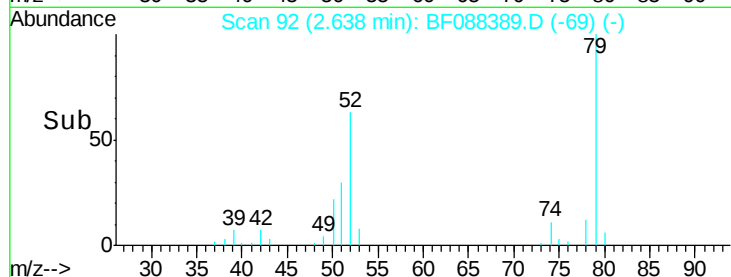
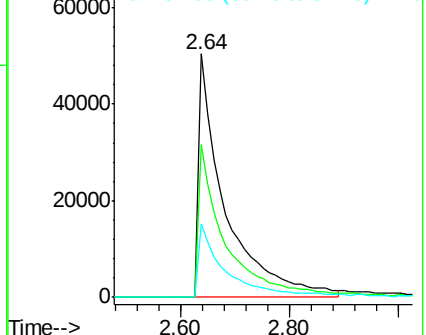
51 30.3 27.4 41.2



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: 33.35 ng

RT: 2.60 min Scan# 89

Delta R.T. -0.02 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

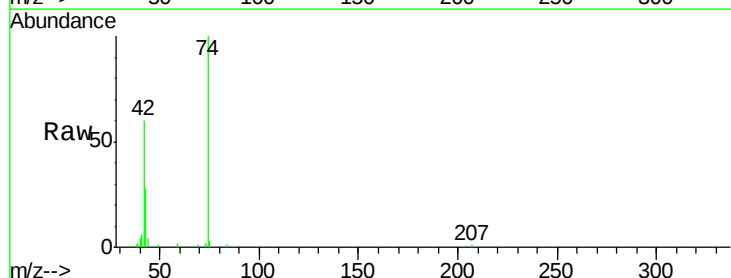
Tgt Ion: 42 Resp: 68830

Ion Ratio Lower Upper

42 100

74 166.0 108.6 163.0#

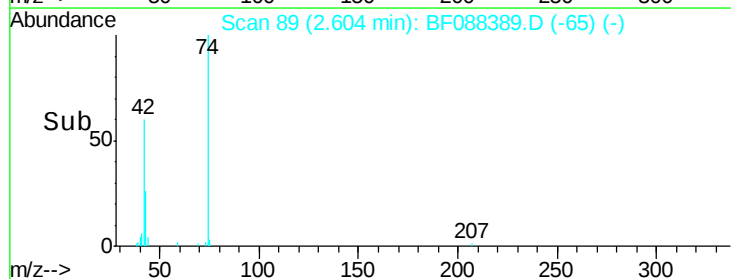
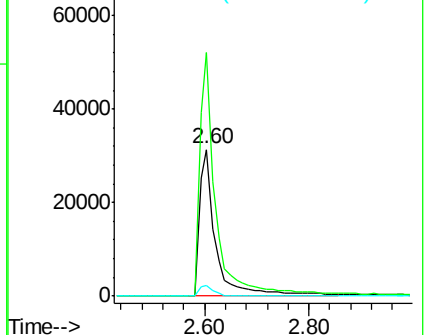
44 7.1 5.5 8.3



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 122.46 ng

RT: 5.15 min Scan# 312

Delta R.T. -0.02 min

Lab File: BF088389.D

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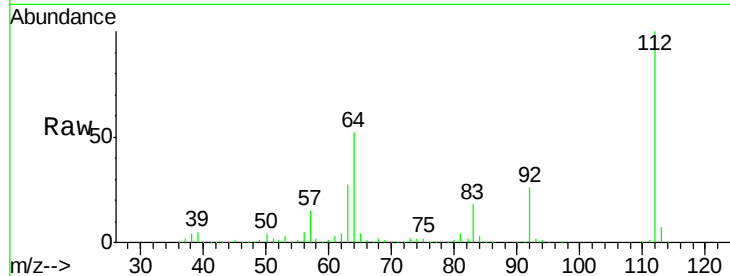
Tot Ion:112 Resp: 520202

Ion Ratio Lower Upper

112 100

64 51.8 42.2 63.2

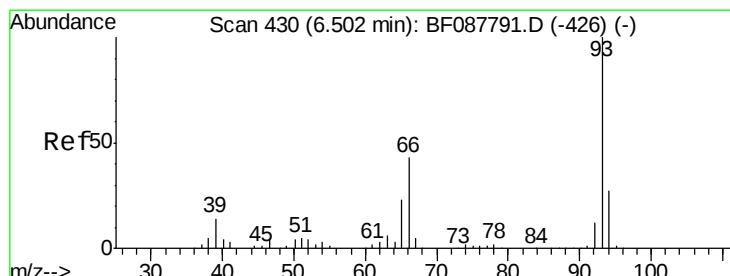
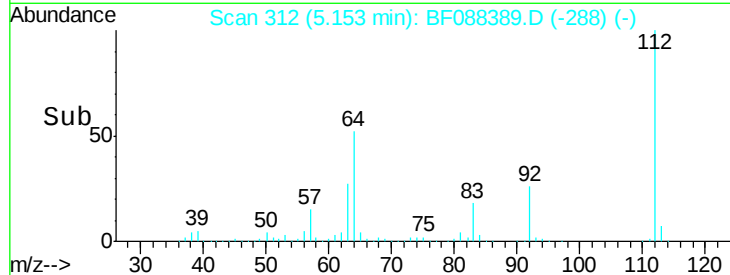
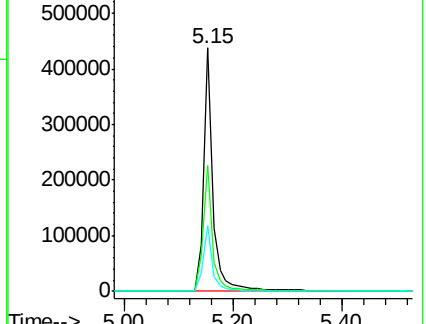
63 27.1 21.8 32.8



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: 19.84 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.05 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

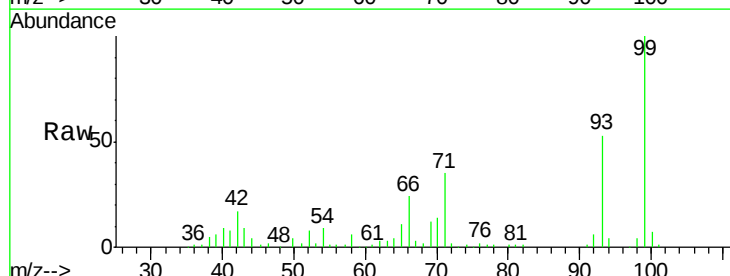
Tgt Ion: 93 Resp: 145350

Ion Ratio Lower Upper

93 100

66 45.8 29.8 44.8#

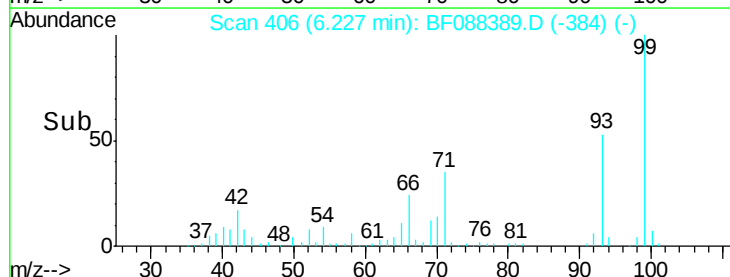
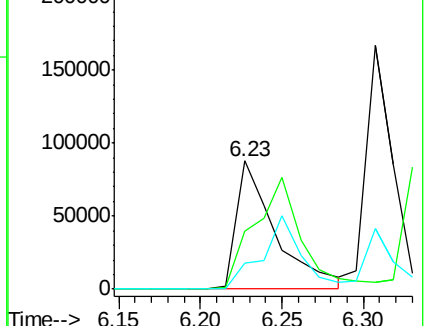
65 19.9 14.9 22.3



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 120.05 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.02 min

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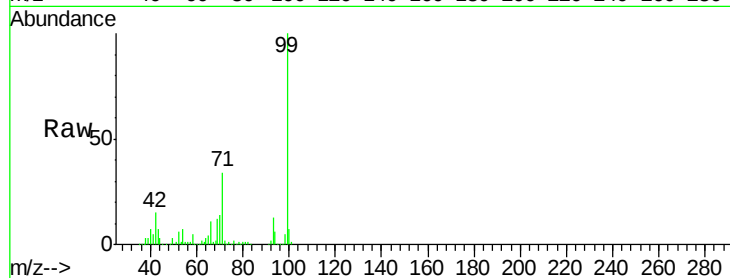
Tot Ion: 99 Resp: 618020

Ion Ratio Lower Upper

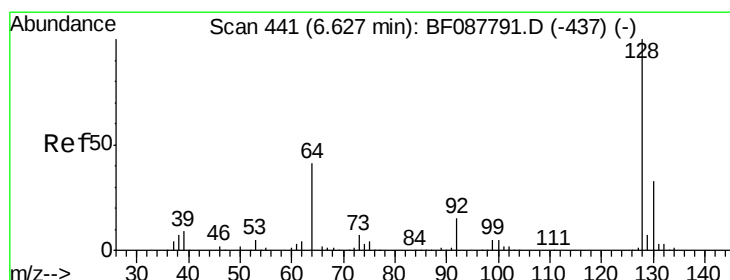
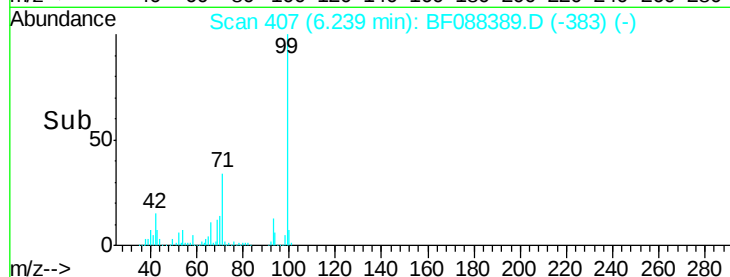
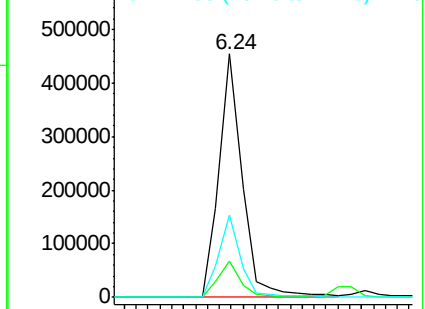
99 100

42 14.9 12.2 18.2

71 33.8 23.4 35.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 43.72 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.03 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

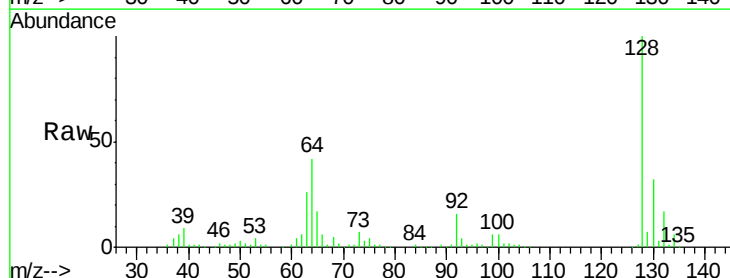
Tgt Ion: 128 Resp: 219830

Ion Ratio Lower Upper

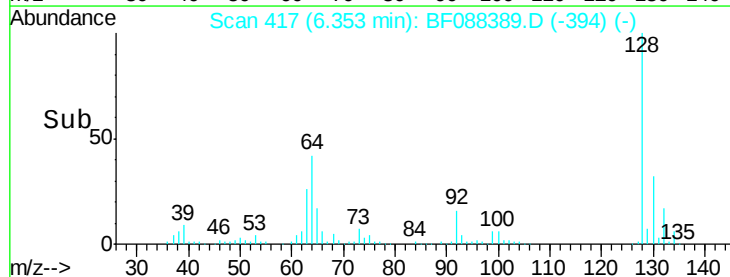
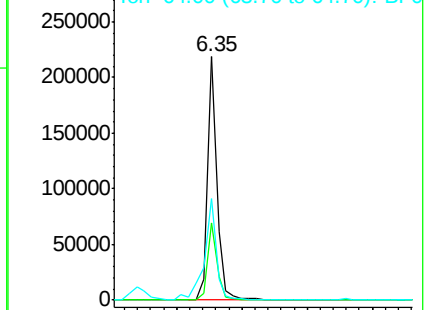
128 100

130 31.9 12.0 52.0

64 41.7 30.8 70.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#10

Phenol

Concen: 48.57 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.02 min

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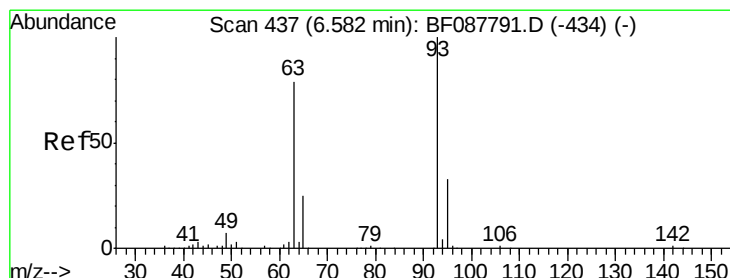
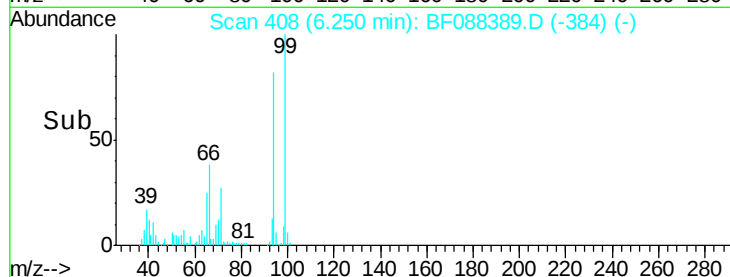
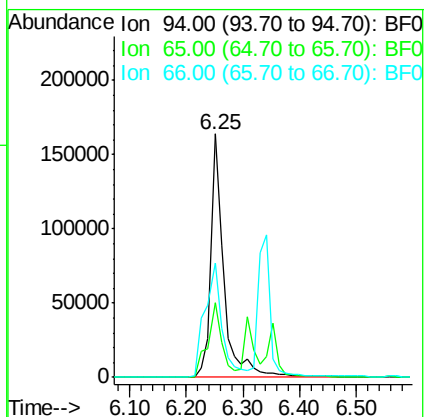
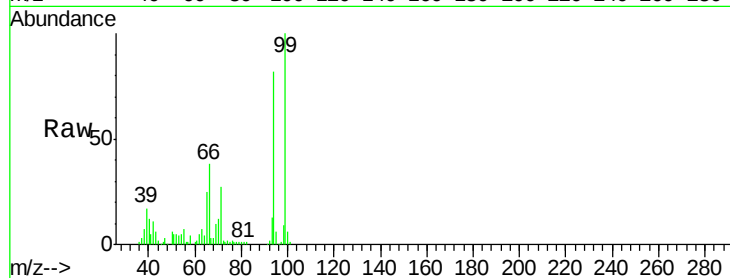
Tot Ion: 94 Resp: 257116

Ion Ratio Lower Upper

94 100

65 30.9 5.9 45.9

66 46.9 14.0 54.0



#11

bis(2-Chloroethyl)ether

Concen: 47.75 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

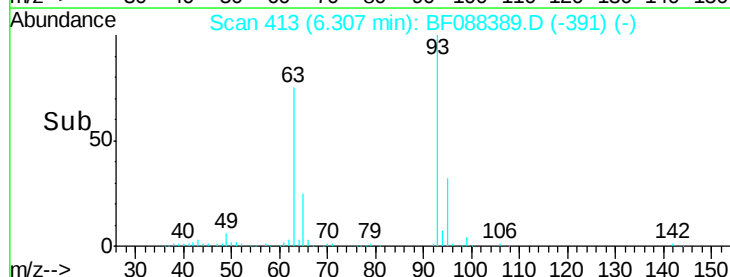
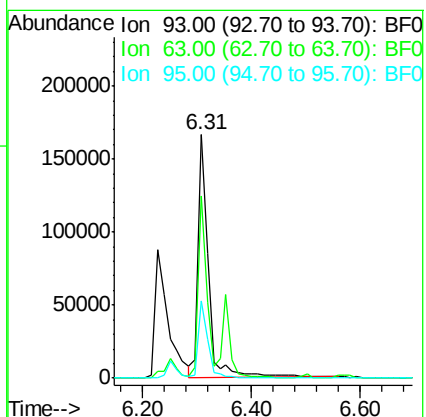
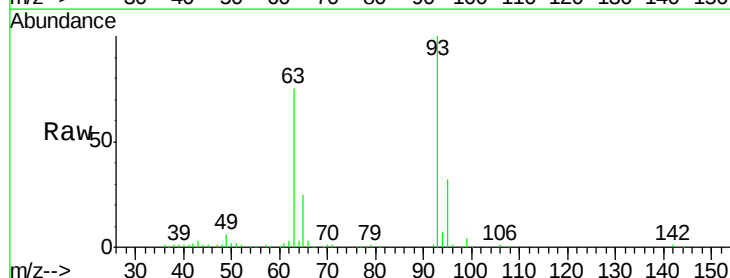
Tgt Ion: 93 Resp: 215527

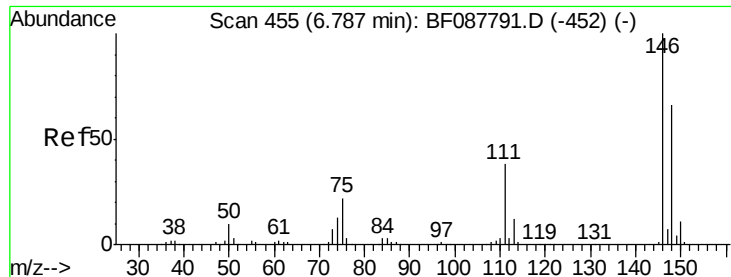
Ion Ratio Lower Upper

93 100

63 74.7 67.6 107.6

95 31.8 12.5 52.5





#12

1,3-Dichlorobenzene

Concen: 37.99 ng m

RT: 6.50 min Scan# 430

Delta R.T. -0.03 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

Instrument :

BNA_F

ClientSampleId :

PB-B1(0-12)CMSD

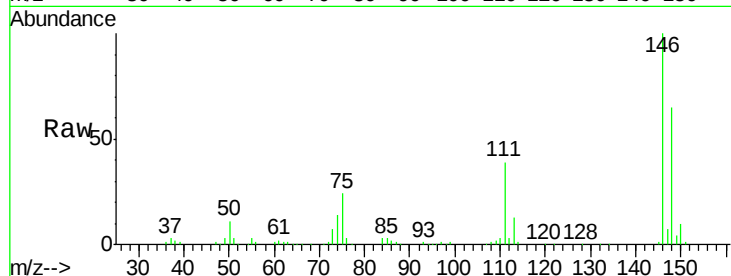
Tot Ion:146 Resp: 204950

Ion Ratio Lower Upper

146 100

148 65.0 50.9 76.3

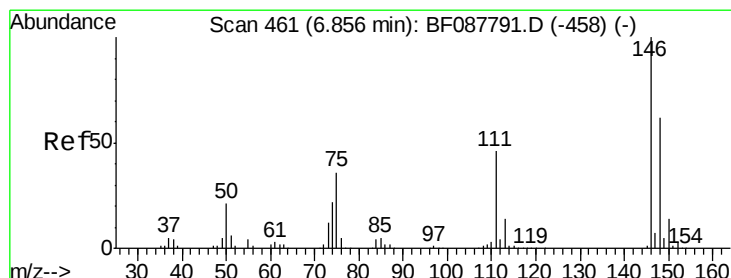
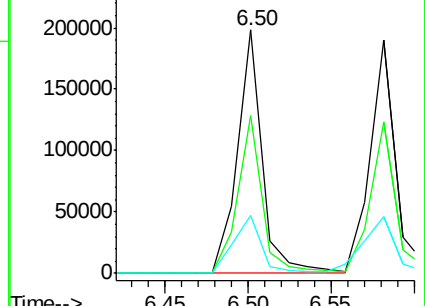
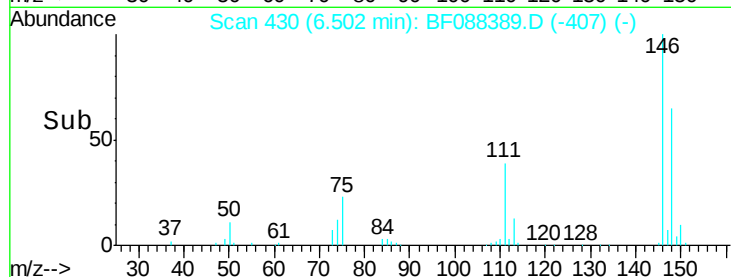
75 23.8 25.6 38.4#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 39.83 ng m

RT: 6.58 min Scan# 437

Delta R.T. -0.03 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

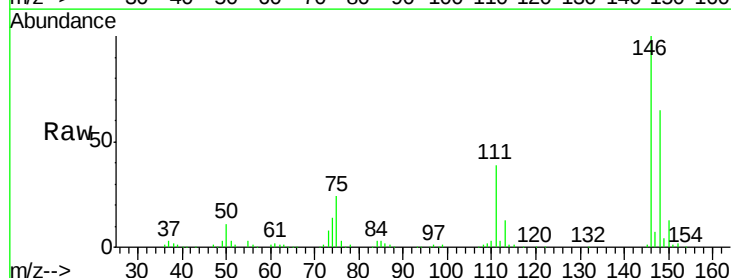
Tgt Ion:146 Resp: 216457

Ion Ratio Lower Upper

146 100

148 64.7 52.0 78.0

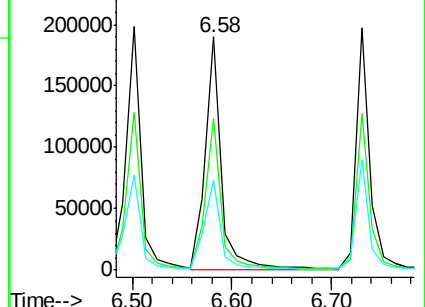
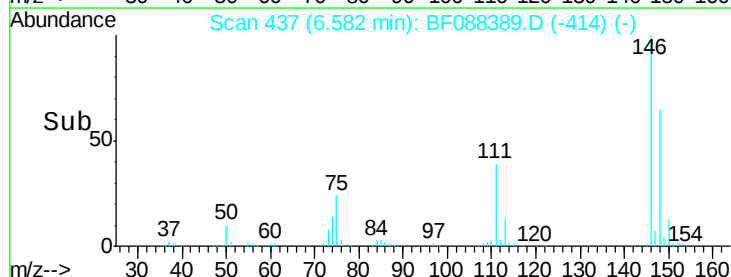
111 38.5 33.8 50.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 40.33 ng/mL

RT: 6.73 min Scan# 450

Delta R.T. -0.05 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

Instrument :

BNA_F

ClientSampleId :

PB-B1(0-12)CMSD

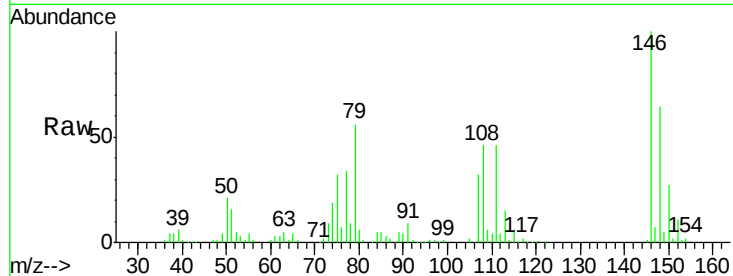
Tot Ion:146 Resp: 199326

Ion Ratio Lower Upper

146 100

148 64.4 52.3 78.5

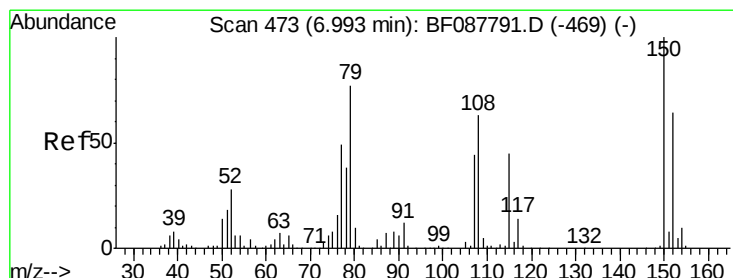
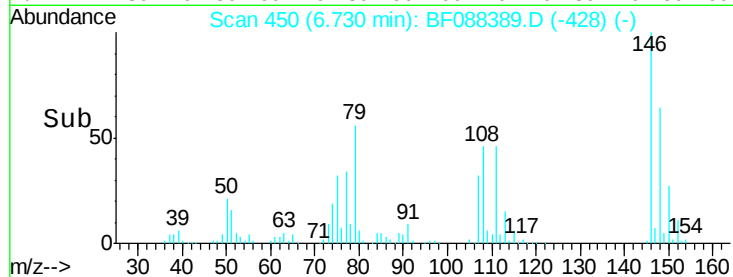
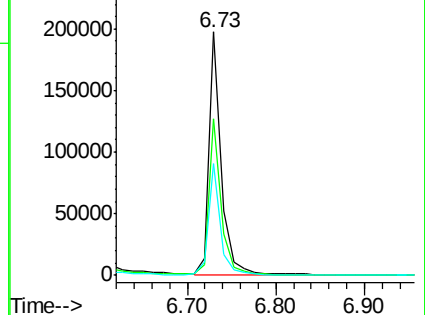
111 45.7 28.7 43.1#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 35.93 ng/mL

RT: 6.73 min Scan# 450

Delta R.T. -0.03 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

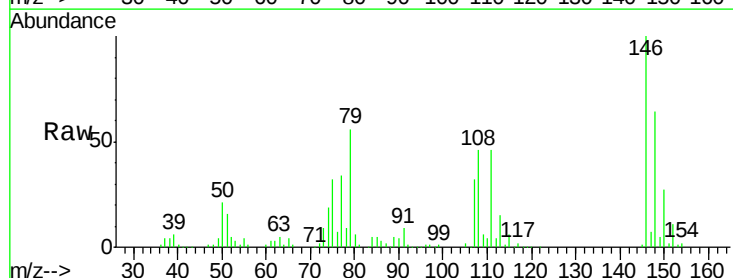
Tgt Ion: 79 Resp: 144715

Ion Ratio Lower Upper

79 100

108 82.1 65.0 97.6

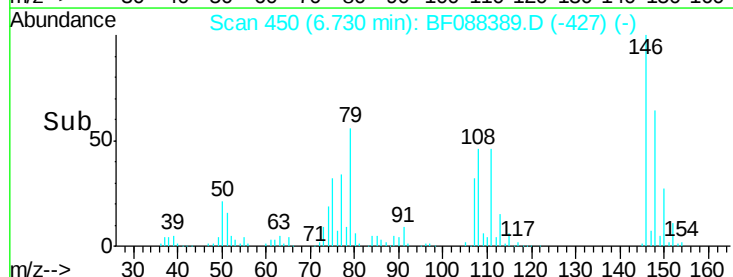
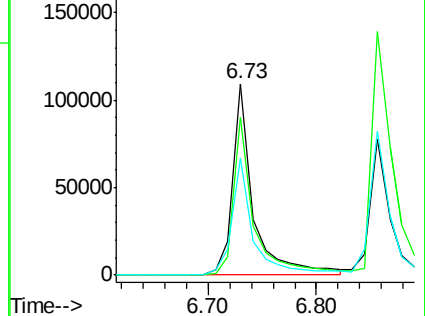
77 61.0 50.3 75.5



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

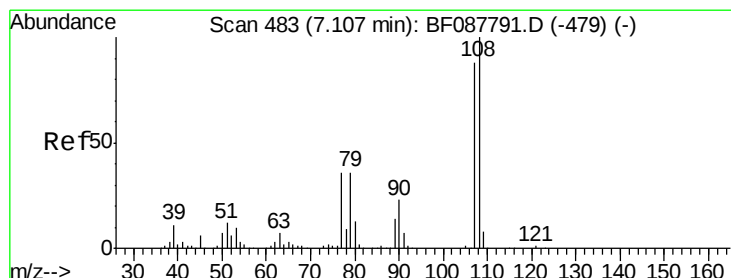
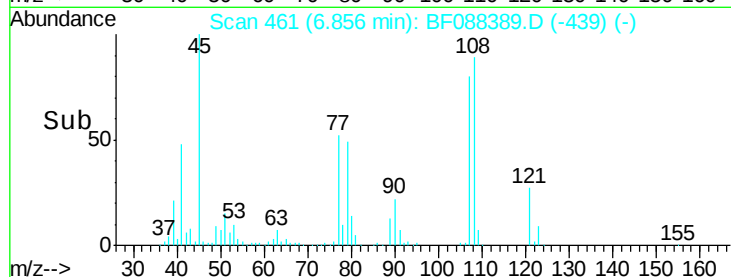
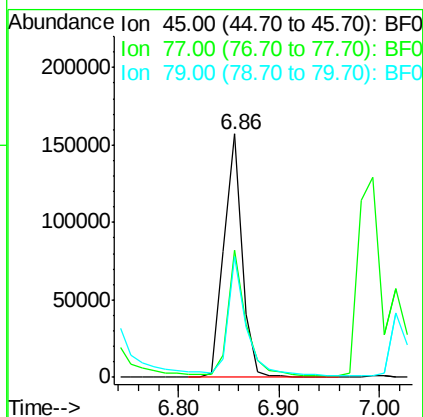
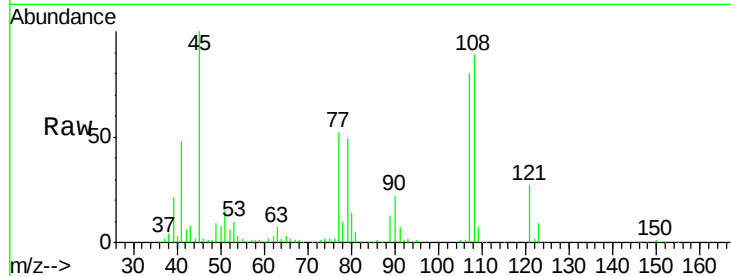




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 32.53 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.05 min
Lab File: BF088389.D
Acq: 25 Jun 2016 21:06

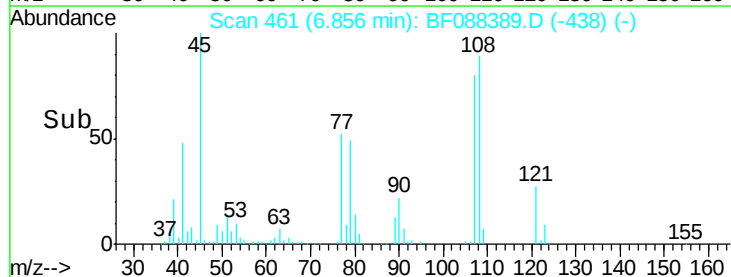
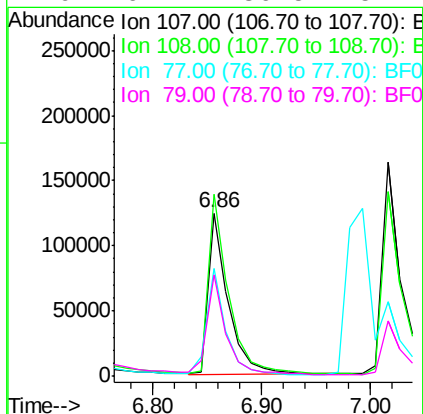
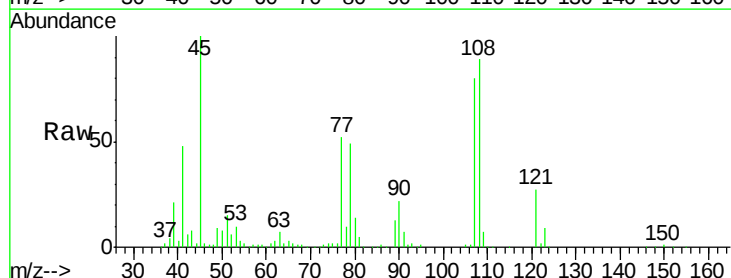
Instrument :
BNA_F
ClientSampleId :
PB-B1(0-12)CMSD

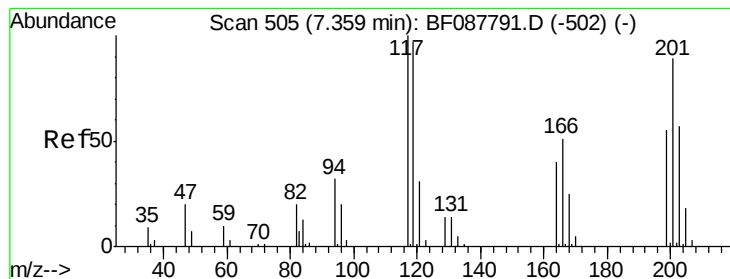
Tot Ion: 45 Resp: 198382
Ion Ratio Lower Upper
45 100
77 52.4 0.0 32.5#
79 49.5 0.0 29.5#



#17
2-Methylphenol
Concen: 39.14 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.03 min
Lab File: BF088389.D
Acq: 25 Jun 2016 21:06

Tgt Ion: 107 Resp: 159589
Ion Ratio Lower Upper
107 100
108 111.3 90.9 136.3
77 65.8 36.6 55.0#
79 62.1 36.5 54.7#





#18

Hexachloroethane

Concen: 32.20 ng

RT: 7.07 min Scan# 480

Delta R.T. -0.03 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

Instrument :

BNA_F

ClientSampleId :

PB-B1(0-12)CMSD

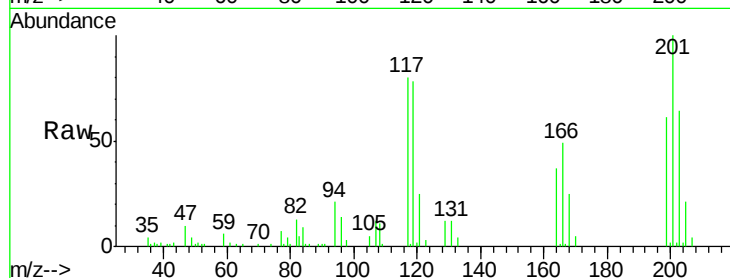
Tot Ion:117 Resp: 62097

Ion Ratio Lower Upper

117 100

119 97.0 77.4 116.2

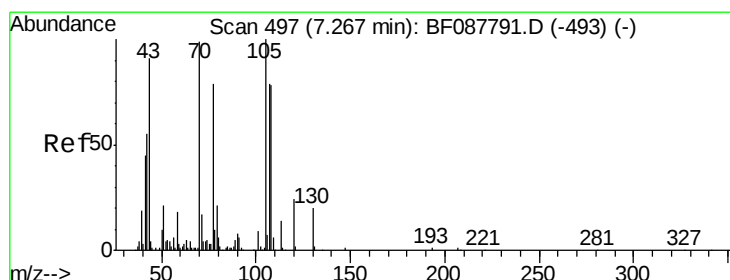
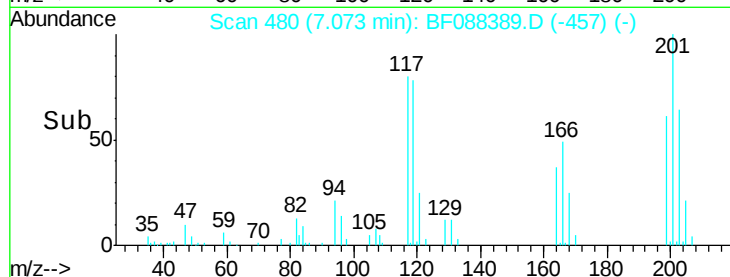
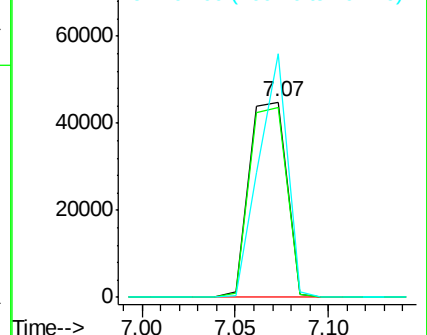
201 124.8 80.4 120.6#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 43.72 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.03 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

Tgt Ion: 70 Resp: 143990

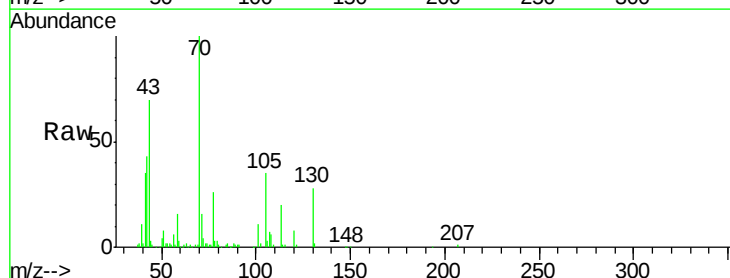
Ion Ratio Lower Upper

70 100

42 43.1 49.6 74.4#

101 11.2 7.1 10.7#

130 28.5 15.4 23.2#

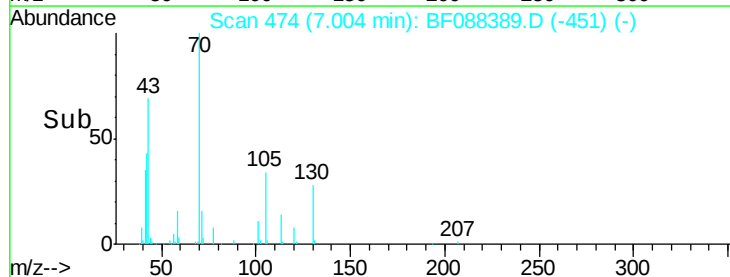
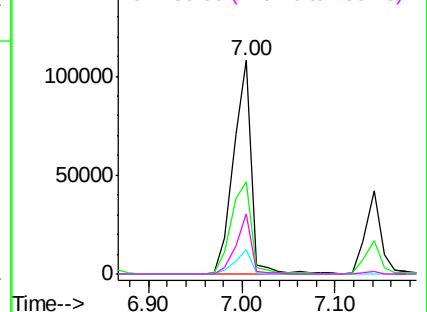


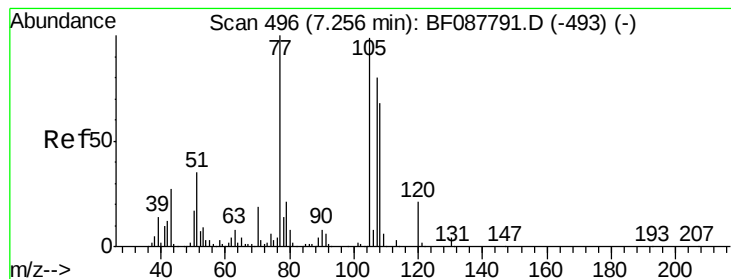
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 45.67 ng

RT: 7.02 min Scan# 475

Delta R.T. -0.03 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

Instrument :

BNA_F

ClientSampleId :

PB-B1(0-12)CMSD

Tot Ion:107 Resp: 217255

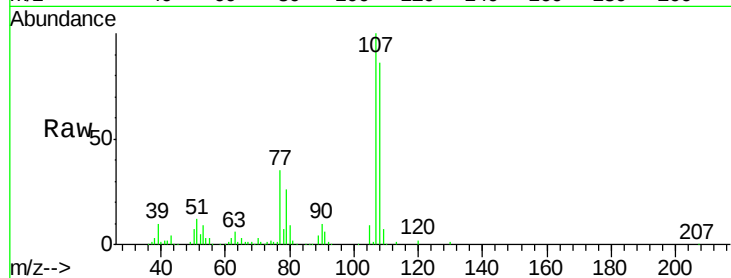
Ion Ratio Lower Upper

107 100

108 86.3 67.8 107.8

77 34.9 59.3 99.3#

79 25.6 7.0 47.0

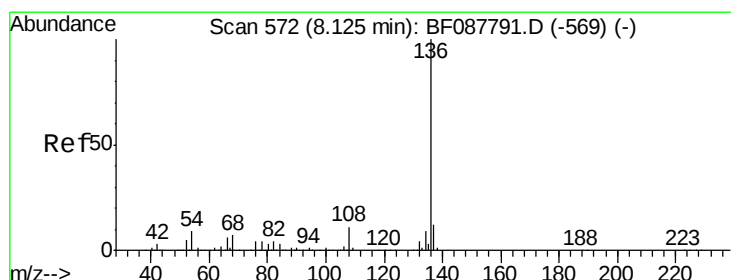
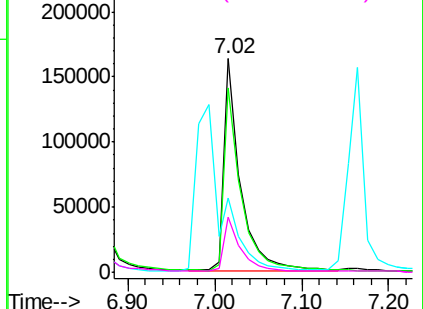
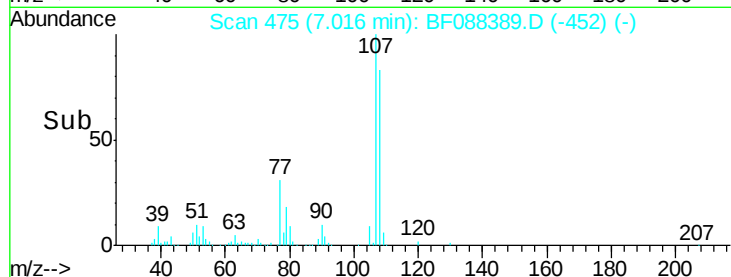


Abundance Ion 107.00 (106.70 to 107.70): E

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: 7.85 min Scan# 548

Delta R.T. -0.05 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

Tgt Ion:136 Resp: 290487

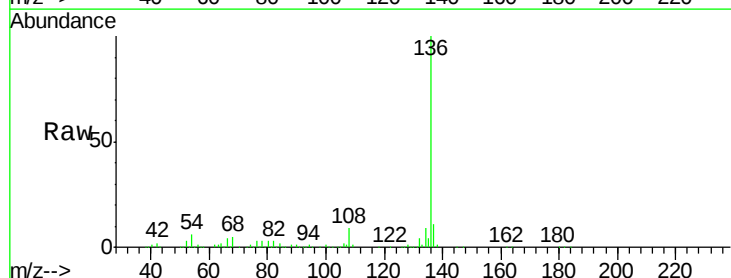
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 6.3 6.6 10.0#

68 5.1 5.1 7.7

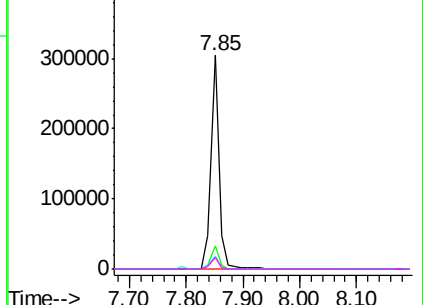
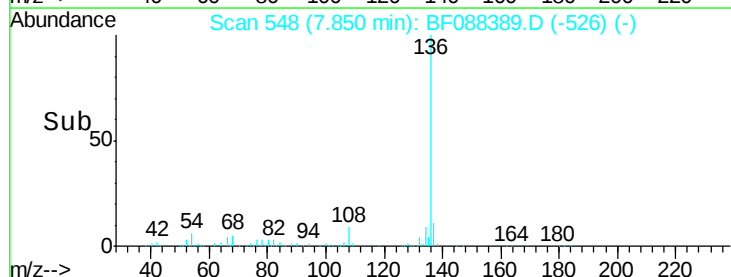


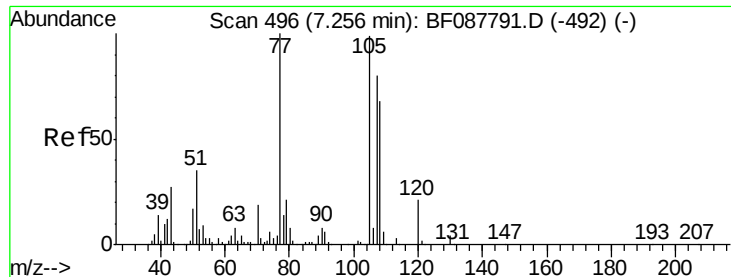
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 45.61 ng

RT: 6.99 min Scan# 473

Delta R.T. -0.03 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

Instrument :

BNA_F

ClientSampleId :

PB-B1(0-12)CMSD

Tot Ion:105 Resp: 296105

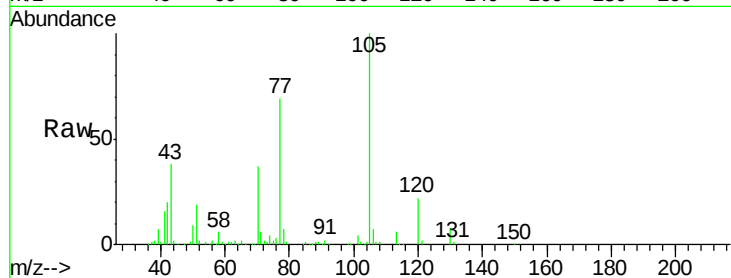
Ion Ratio Lower Upper

105 100

71 6.3 5.3 7.9

51 19.5 18.2 27.4

120 22.0 18.0 27.0

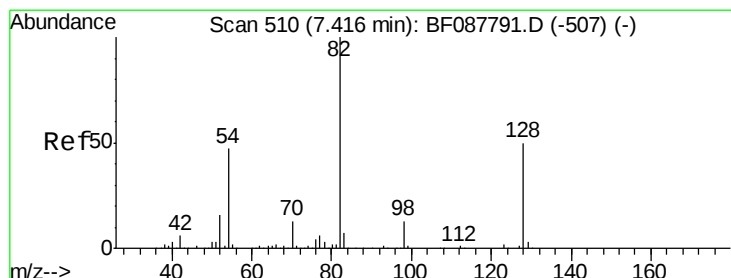
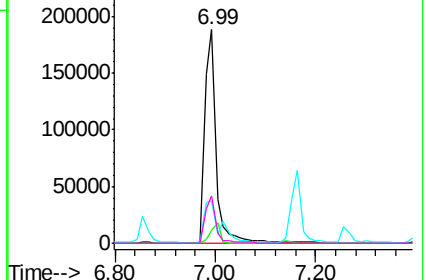
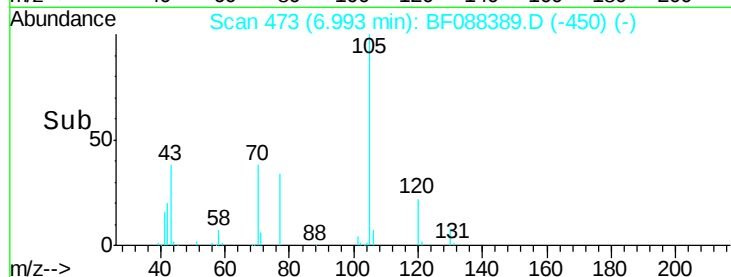


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 78.76 ng

RT: 7.14 min Scan# 486

Delta R.T. -0.03 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

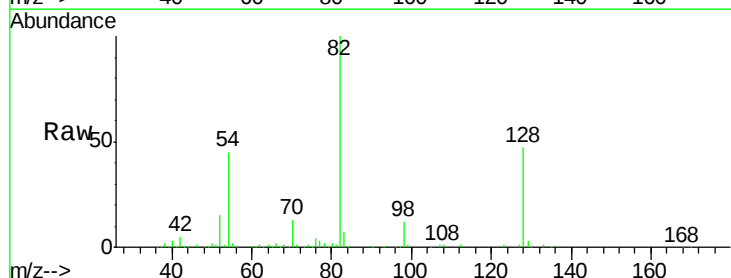
Tgt Ion: 82 Resp: 391804

Ion Ratio Lower Upper

82 100

128 46.9 35.9 53.9

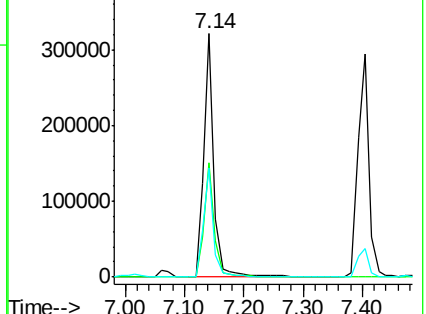
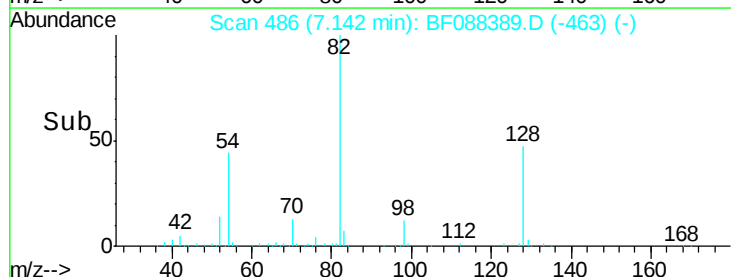
54 44.6 40.9 61.3

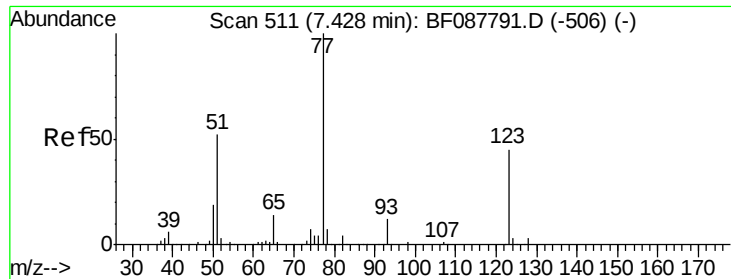


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

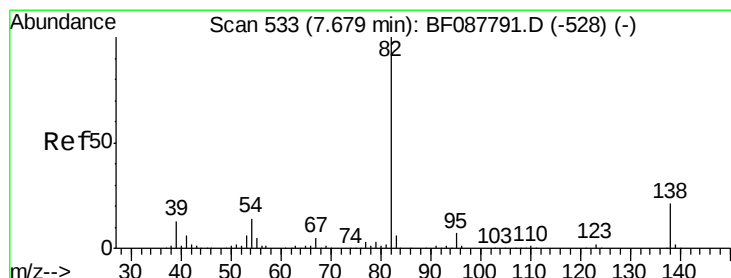
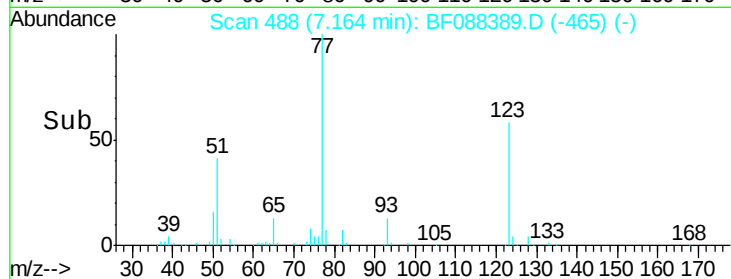
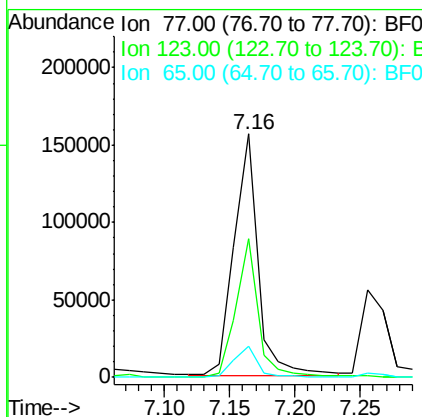
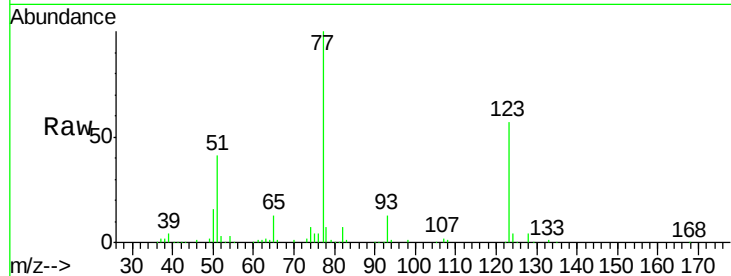




#24
 Nitrobenzene
 Concen: 41.17 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.03 min
 Lab File: BF088389.D
 Acq: 25 Jun 2016 21:06

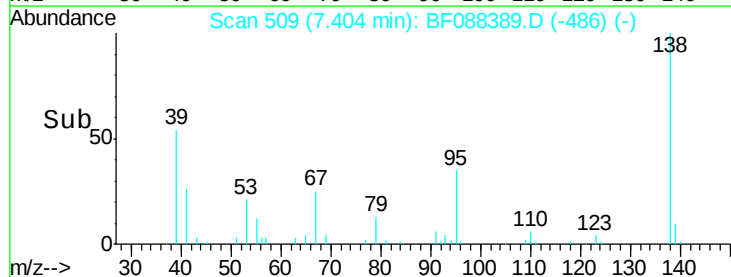
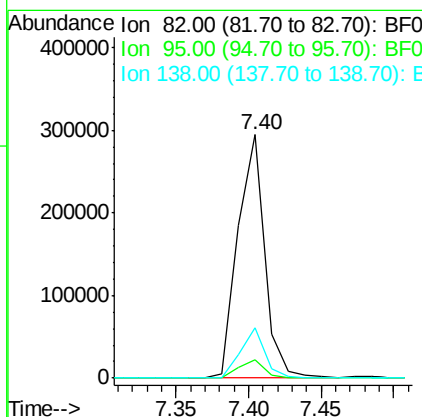
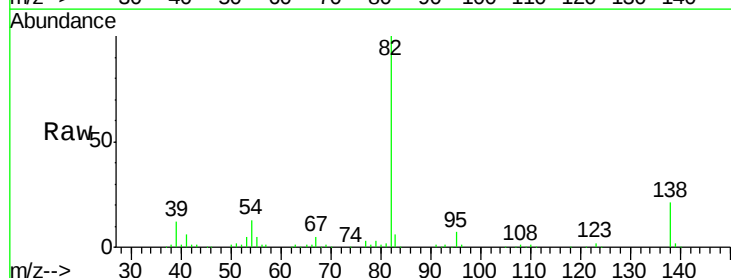
Instrument :
 BNA_F
 ClientSampleId :
 PB-B1(0-12)CMSD

Tot Ion: 77 Resp: 198366
 Ion Ratio Lower Upper
 77 100
 123 57.2 45.0 67.4
 65 12.6 10.2 15.2



#25
 Isophorone
 Concen: 40.60 ng
 RT: 7.40 min Scan# 509
 Delta R.T. -0.03 min
 Lab File: BF088389.D
 Acq: 25 Jun 2016 21:06

Tgt Ion: 82 Resp: 374127
 Ion Ratio Lower Upper
 82 100
 95 7.3 5.4 8.2
 138 20.7 14.6 21.8

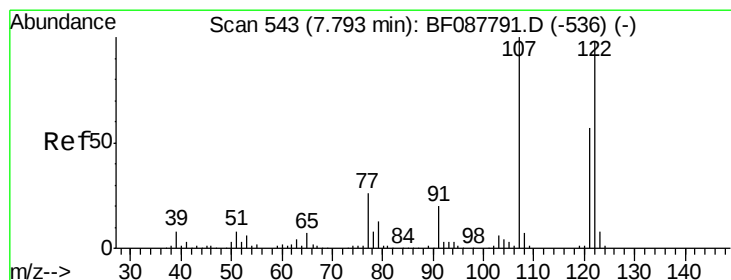
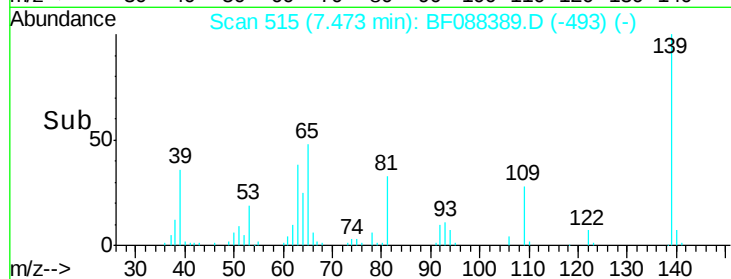
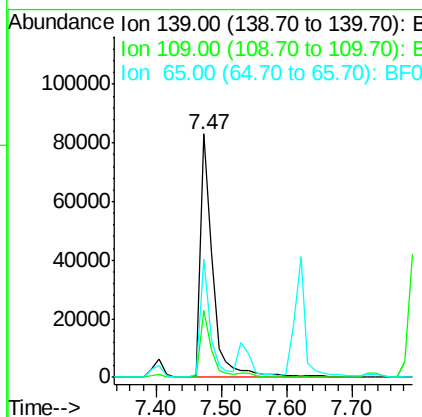
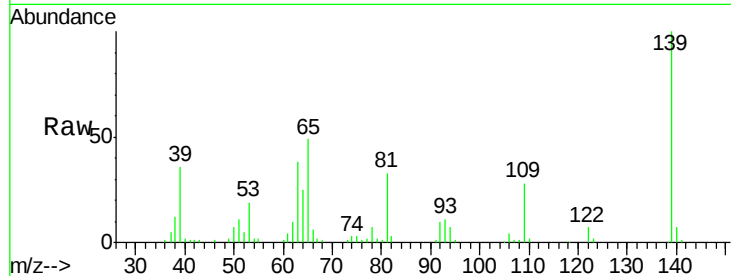




#26
2-Nitrophenol
Concen: 41.56 ng
RT: 7.47 min Scan# 515
Delta R.T. -0.05 min
Lab File: BF088389.D
Acq: 25 Jun 2016 21:06

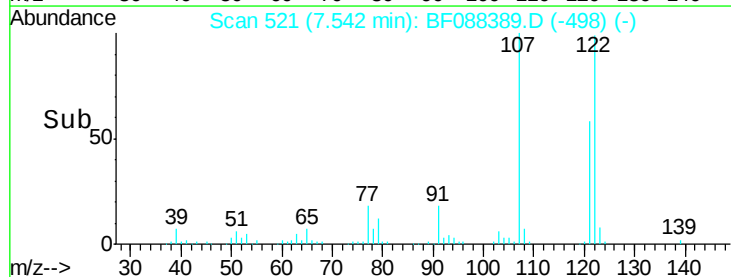
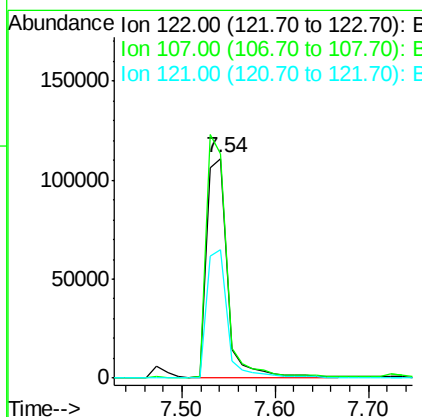
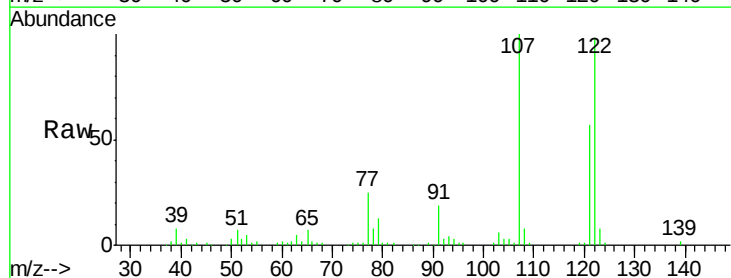
Instrument :
BNA_F
ClientSampleId :
PB-B1(0-12)CMSD

Tot Ion:139 Resp: 107271
Ion Ratio Lower Upper
139 100
109 27.6 23.0 34.4
65 48.7 45.8 68.8



#27
2,4-Dimethylphenol
Concen: 36.29 ng
RT: 7.54 min Scan# 521
Delta R.T. -0.03 min
Lab File: BF088389.D
Acq: 25 Jun 2016 21:06

Tgt Ion:122 Resp: 172484
Ion Ratio Lower Upper
122 100
107 102.2 82.4 123.6
121 58.6 46.3 69.5

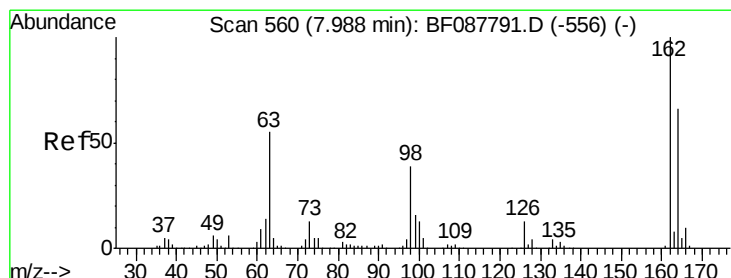
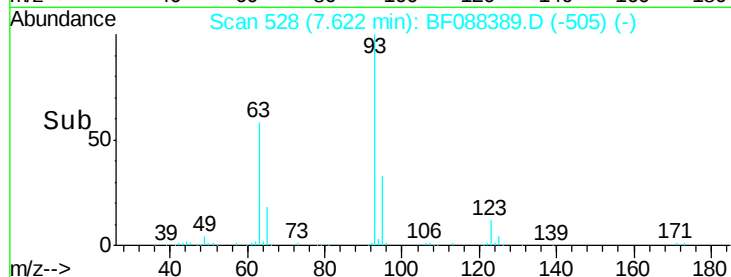
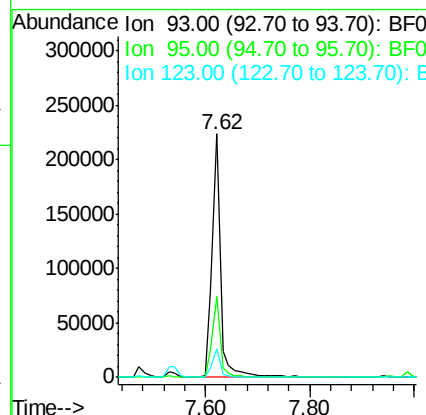
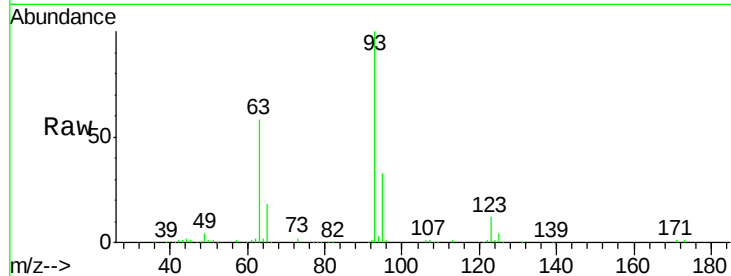




#28
bis(2-Chloroethoxy)methane
Concen: 43.86 ng
RT: 7.62 min Scan# 528
Delta R.T. -0.03 min
Lab File: BF088389.D
Acq: 25 Jun 2016 21:06

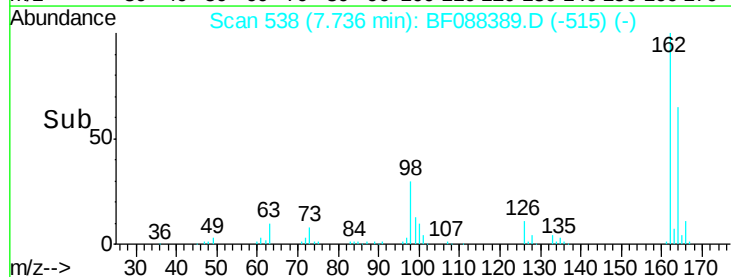
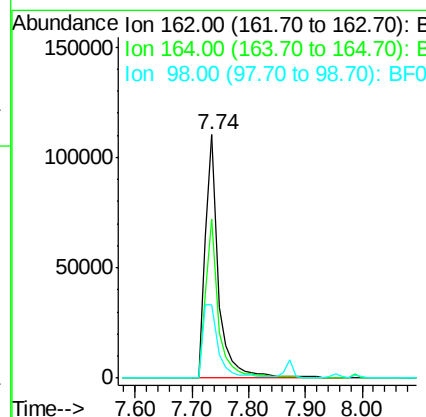
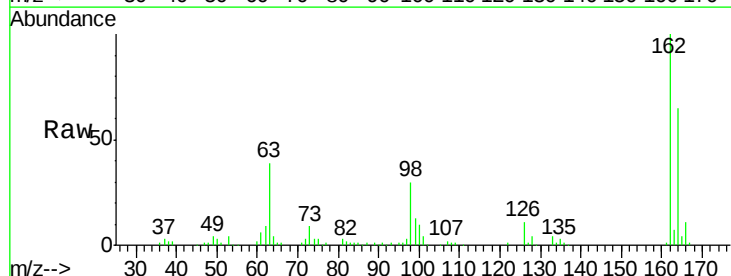
Instrument :
BNA_F
ClientSampleId :
PB-B1(0-12)CMSD

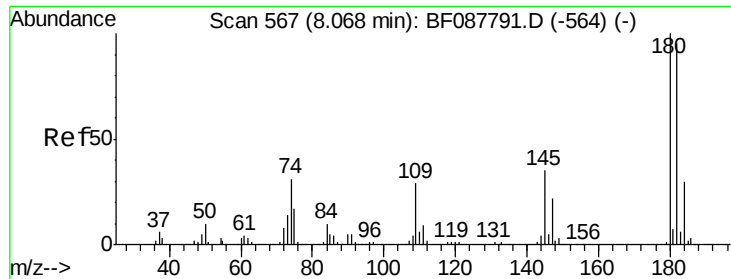
Tot Ion: 93 Resp: 250662
Ion Ratio Lower Upper
93 100
95 33.3 26.5 39.7
123 11.8 11.6 17.4



#29
2,4-Dichlorophenol
Concen: 43.38 ng
RT: 7.74 min Scan# 538
Delta R.T. -0.03 min
Lab File: BF088389.D
Acq: 25 Jun 2016 21:06

Tgt Ion: 162 Resp: 172147
Ion Ratio Lower Upper
162 100
164 65.4 43.8 83.8
98 30.4 21.3 61.3

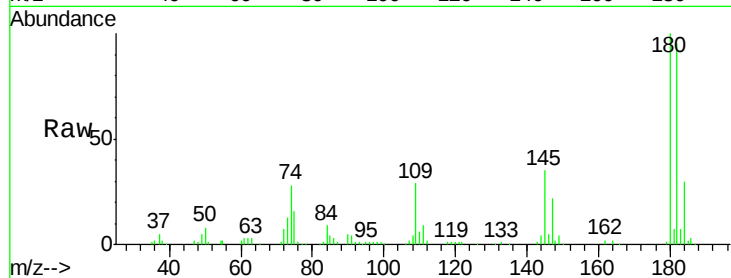




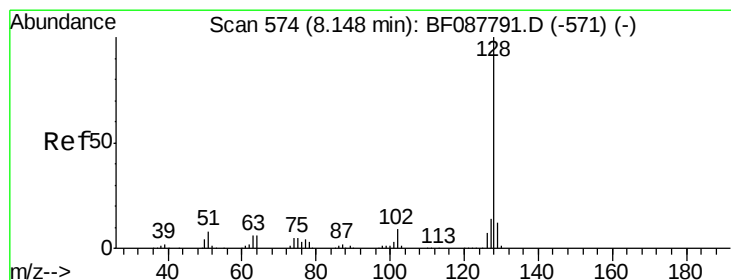
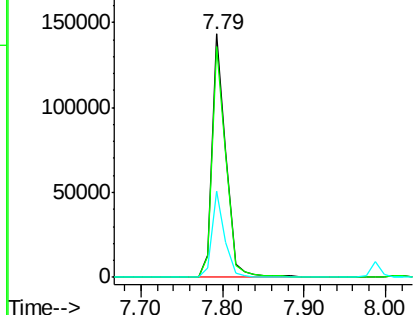
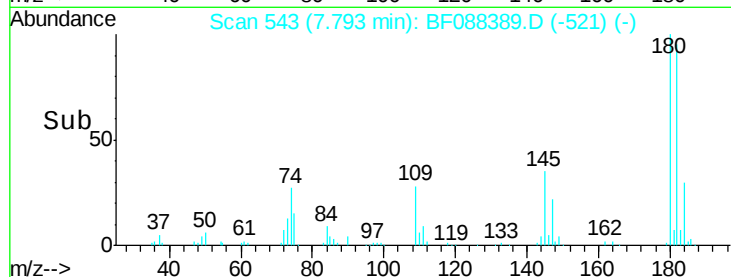
#30
 1,2,4-Trichlorobenzene
 Concen: 39.33 ng
 RT: 7.79 min Scan# 543
 Delta R.T. -0.05 min
 Lab File: BF088389.D
 Acq: 25 Jun 2016 21:06

Instrument :
 BNA_F
 ClientSampleId :
 PB-B1(0-12)CMSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.0	114.0
145	35.2	26.5	39.7

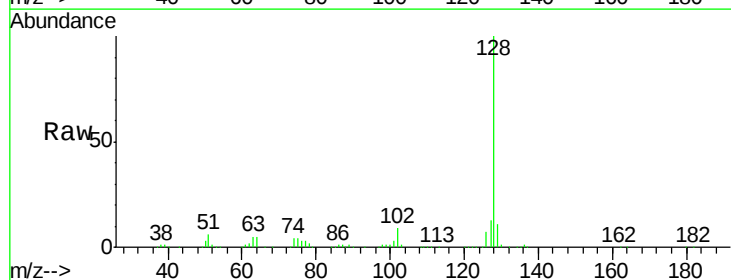


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

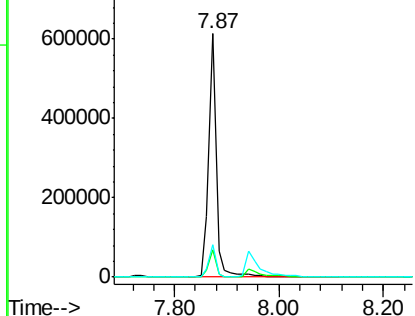
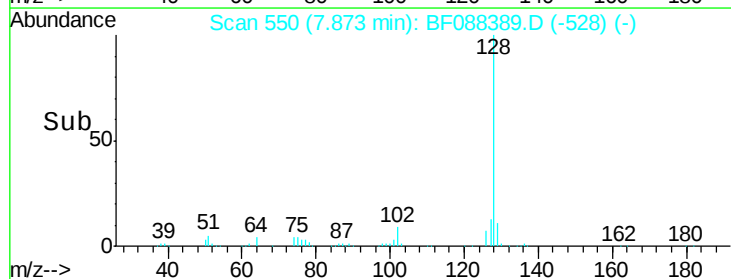


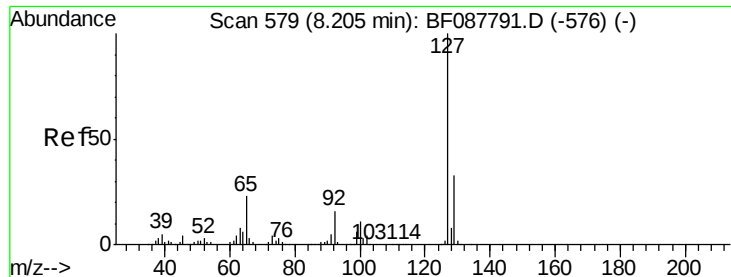
#31
 Naphthalene
 Concen: 43.38 ng
 RT: 7.87 min Scan# 550
 Delta R.T. -0.05 min
 Lab File: BF088389.D
 Acq: 25 Jun 2016 21:06

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.4	14.2
127	13.3	10.9	16.3



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

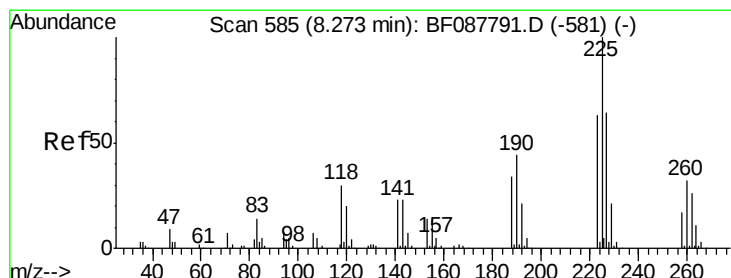
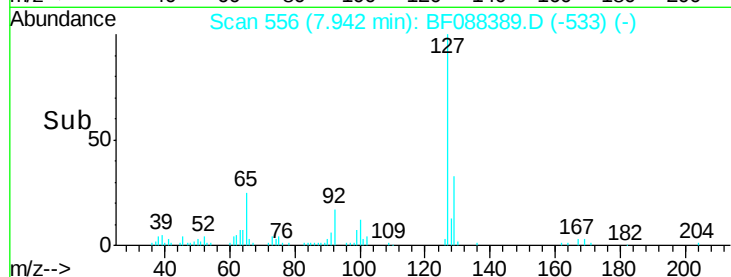
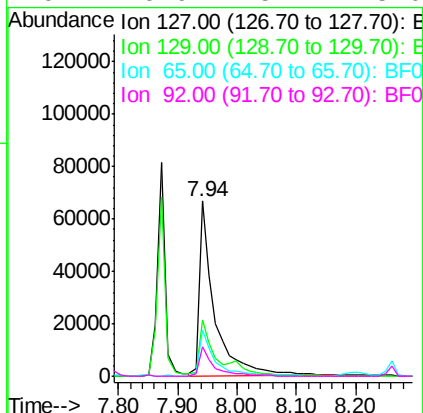
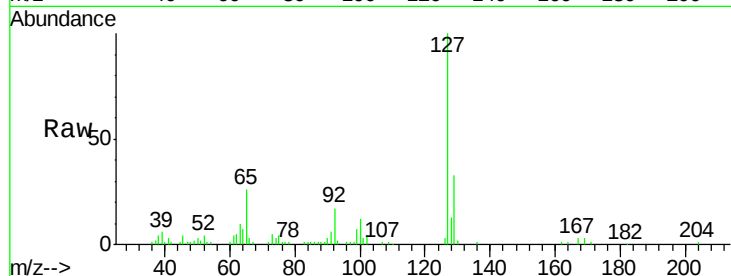




#33
4-Chloroaniline
Concen: 18.54 ng
RT: 7.94 min Scan# 556
Delta R.T. -0.03 min
Lab File: BF088389.D
Acq: 25 Jun 2016 21:06

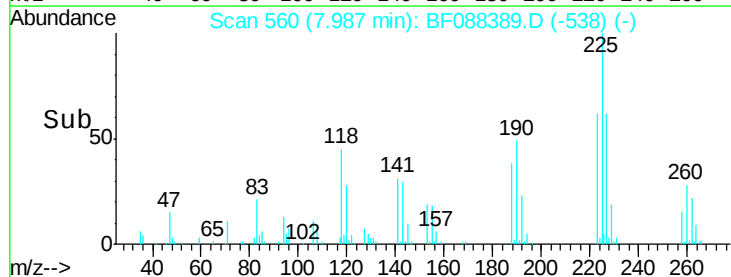
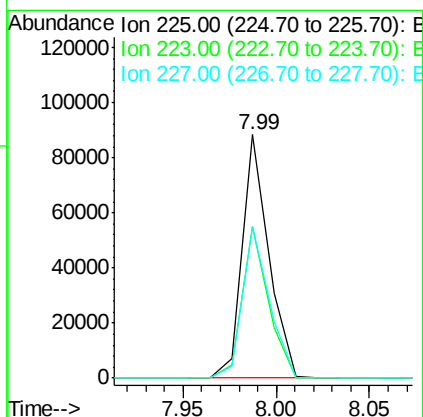
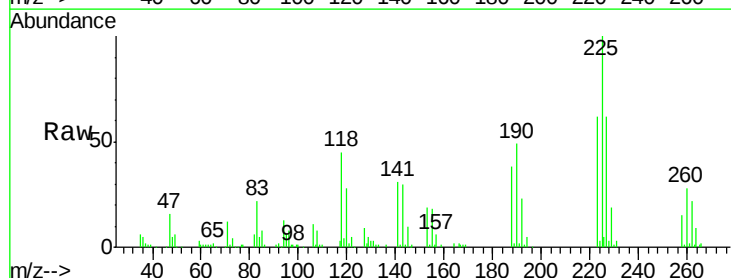
Instrument :
BNA_F
ClientSampleId :
PB-B1(0-12)CMSD

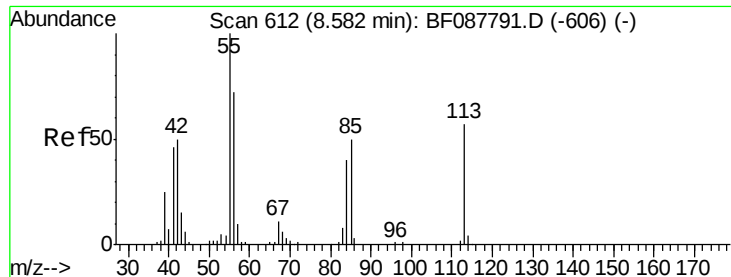
Tot Ion:	127	Resp:	118981
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.3	39.5
65	26.5	24.7	37.1
92	16.9	15.4	23.0



#34
Hexachlorobutadiene
Concen: 38.18 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.05 min
Lab File: BF088389.D
Acq: 25 Jun 2016 21:06

Tgt Ion:	225	Resp:	87012
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.9	76.3
227	62.5	51.9	77.9





#35

Caprolactam

Concen: 38.50 ng

RT: 8.32 min Scan# 589

Delta R.T. -0.05 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

Instrument :

BNA_F

ClientSampleId :

PB-B1(0-12)CMSD

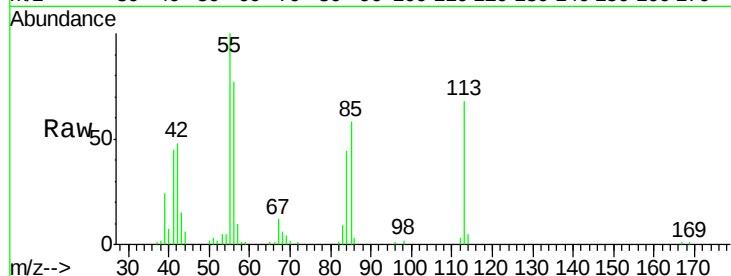
Tot Ion:113 Resp: 50608

Ion Ratio Lower Upper

113 100

55 146.4 158.6 198.6#

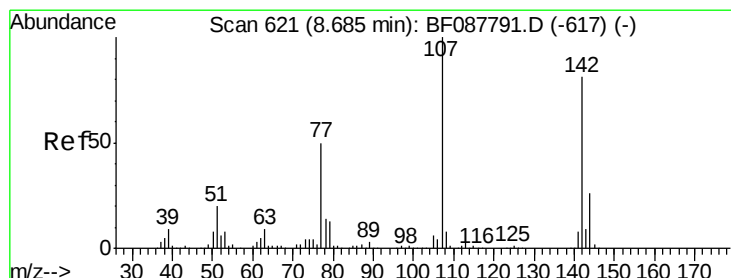
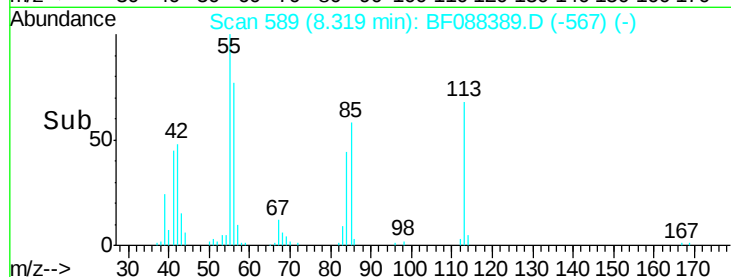
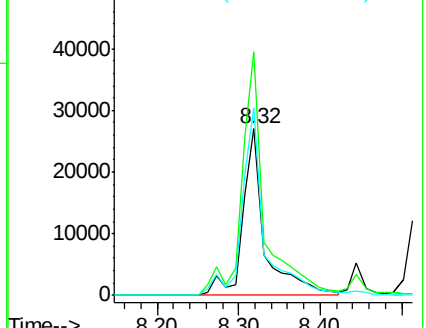
56 112.4 110.6 150.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 42.44 ng

RT: 8.44 min Scan# 600

Delta R.T. -0.03 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

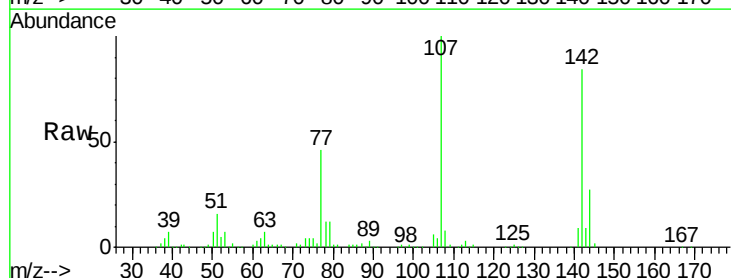
Tgt Ion:107 Resp: 180089

Ion Ratio Lower Upper

107 100

144 26.9 20.8 31.2

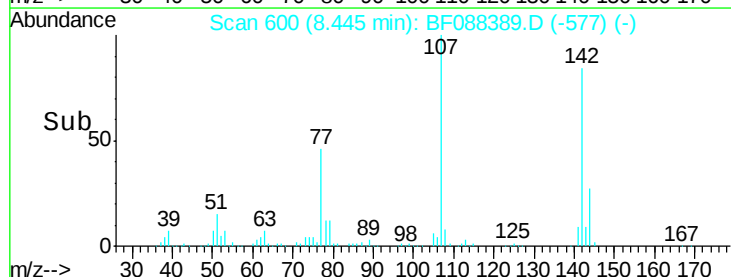
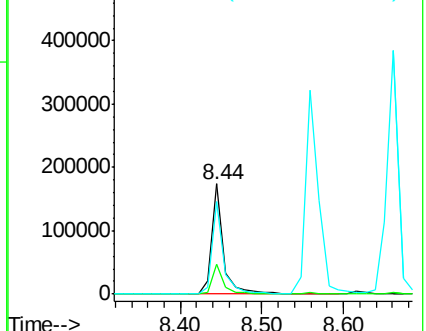
142 84.1 63.4 95.2

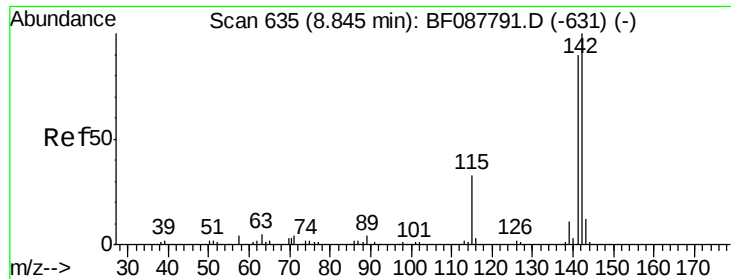


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

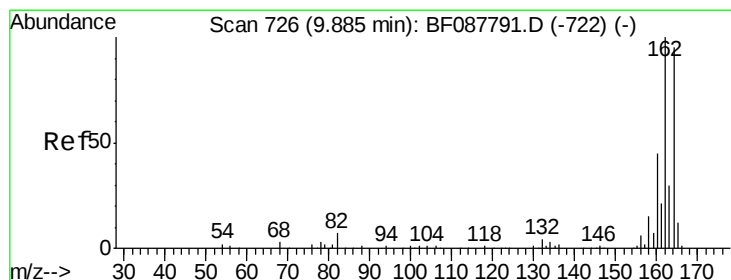
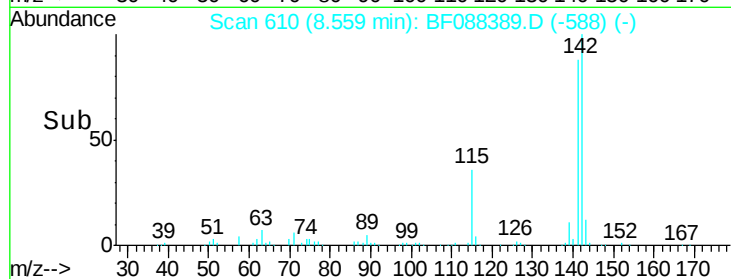
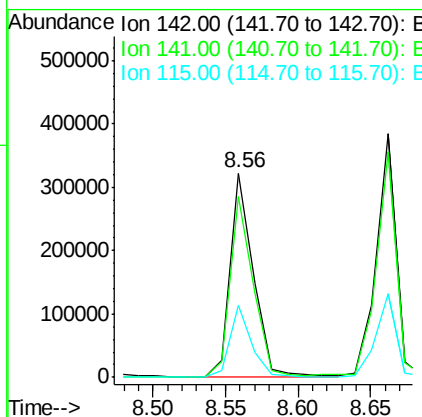
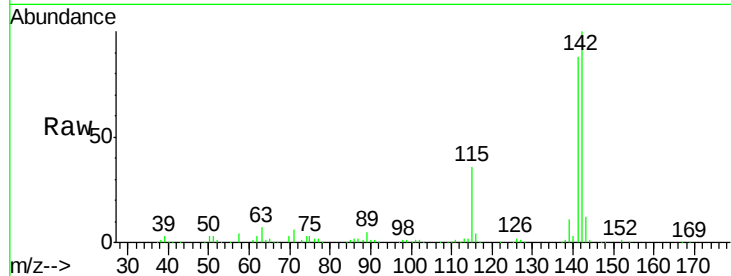




#37
2-Methylnaphthalene
Concen: 38.11 ng
RT: 8.56 min Scan# 610
Delta R.T. -0.05 min
Lab File: BF088389.D
Acq: 25 Jun 2016 21:06

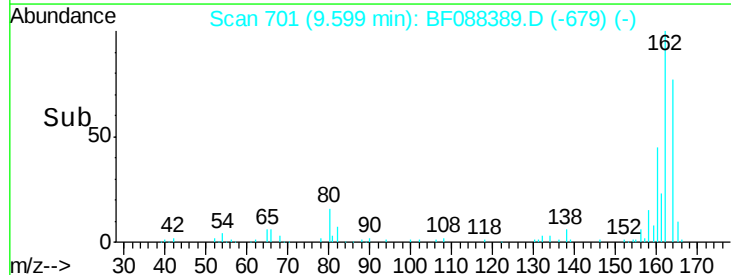
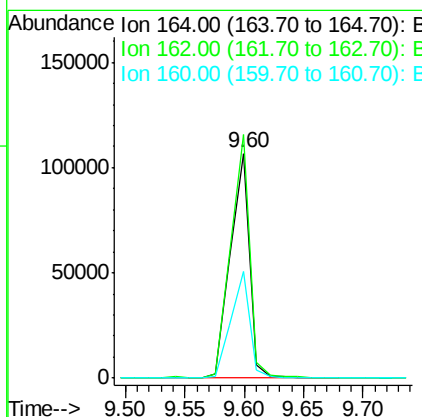
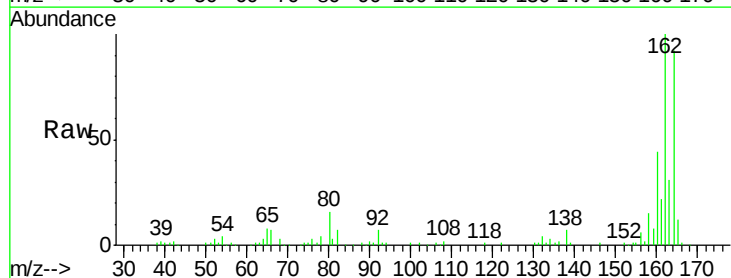
Instrument :
BNA_F
ClientSampleId :
PB-B1(0-12)CMSD

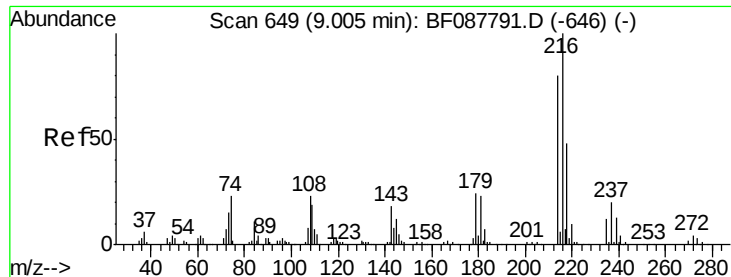
Tot Ion:142 Resp: 361047
Ion Ratio Lower Upper
142 100
141 88.4 71.0 106.6
115 35.6 22.6 33.8#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.05 min
Lab File: BF088389.D
Acq: 25 Jun 2016 21:06

Tgt Ion:164 Resp: 119390
Ion Ratio Lower Upper
164 100
162 108.4 85.4 128.2
160 47.7 39.5 59.3

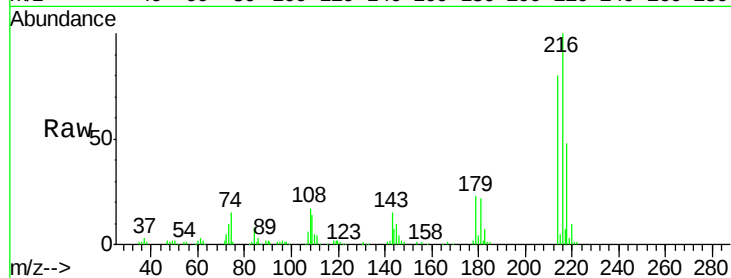




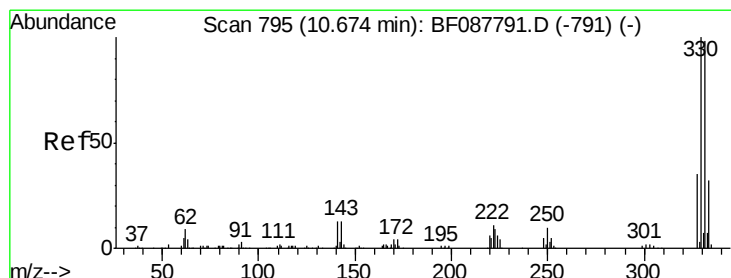
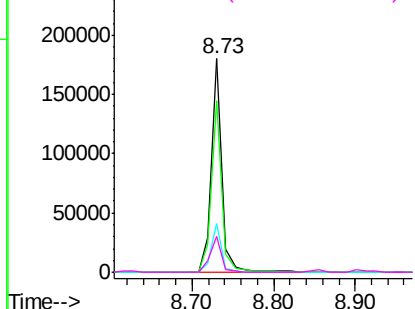
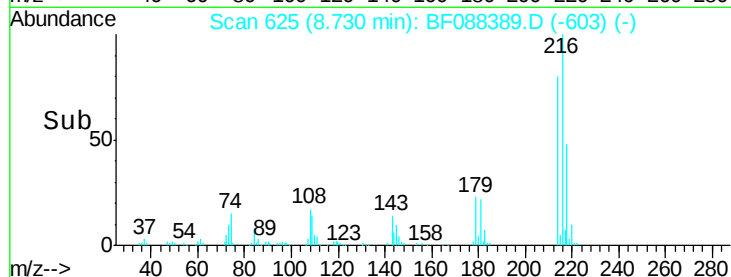
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 59.78 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.05 min
 Lab File: BF088389.D
 Acq: 25 Jun 2016 21:06

Instrument :
 BNA_F
 ClientSampleId :
 PB-B1(0-12)CMSD

Tot Ion:216 Resp: 165271
 Ion Ratio Lower Upper
 216 100
 214 79.8 2.9 4.3#
 179 22.7 0.0 0.0#
 108 18.5 0.5 0.7#

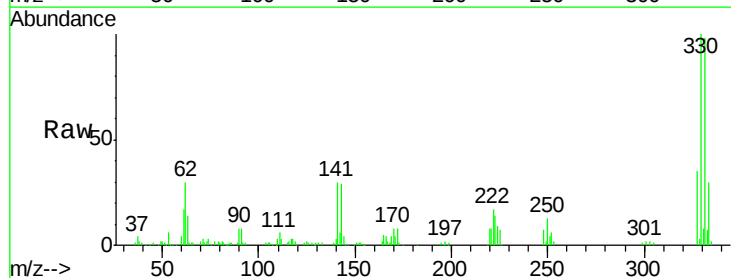


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

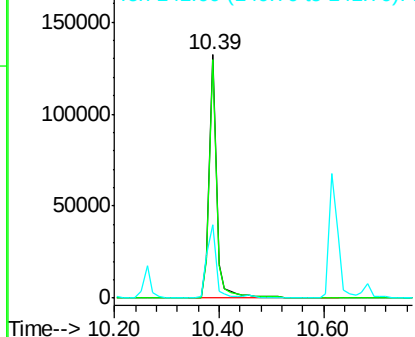
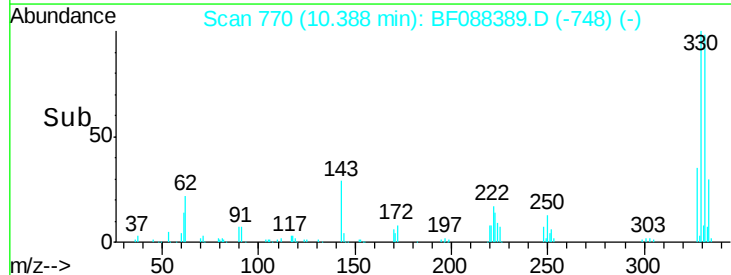


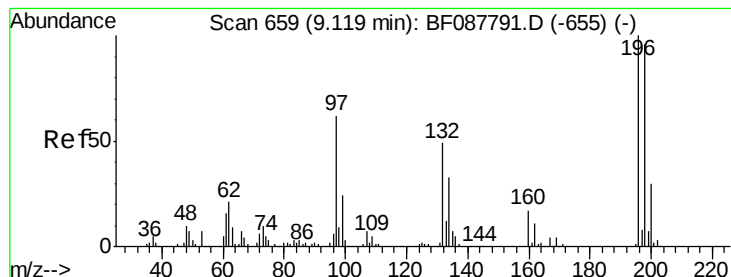
#41
 2,4,6-Tribromophenol
 Concen: 105.70 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.05 min
 Lab File: BF088389.D
 Acq: 25 Jun 2016 21:06

Tgt Ion:330 Resp: 133248
 Ion Ratio Lower Upper
 330 100
 332 97.0 0.0 0.0#
 141 37.5 0.0 0.0#



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: 43.86 ng

RT: 8.86 min Scan# 636

Delta R.T. -0.03 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

Instrument :

BNA_F

ClientSampleId :

PB-B1(0-12)CMSD

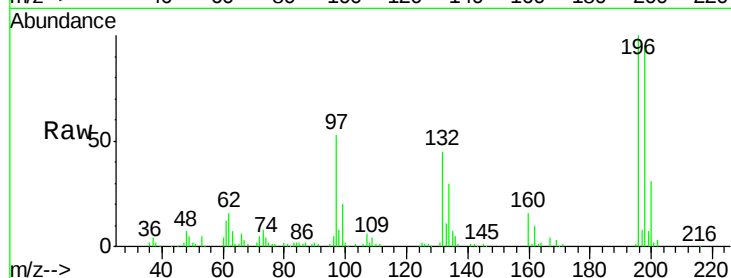
Tot Ion:196 Resp: 104718

Ion Ratio Lower Upper

196 100

198 94.9 78.0 117.0

200 30.8 25.4 38.2

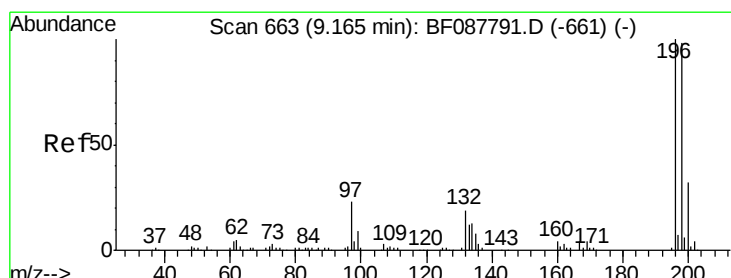
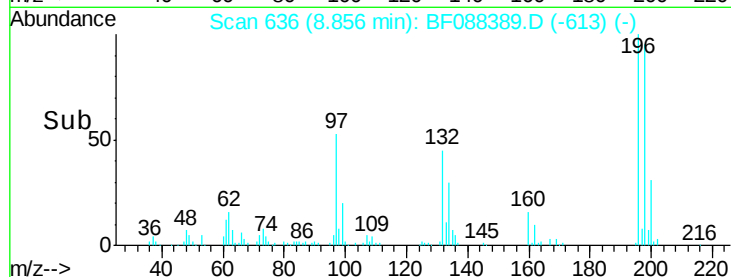
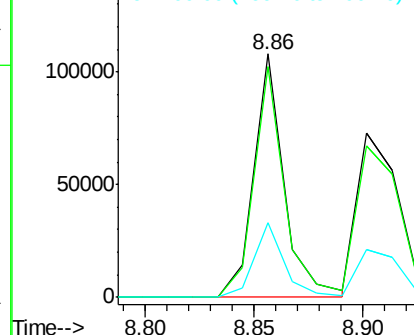


Abundance

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: 42.05 ng

RT: 8.90 min Scan# 640

Delta R.T. -0.03 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

Tgt Ion:196 Resp: 104453

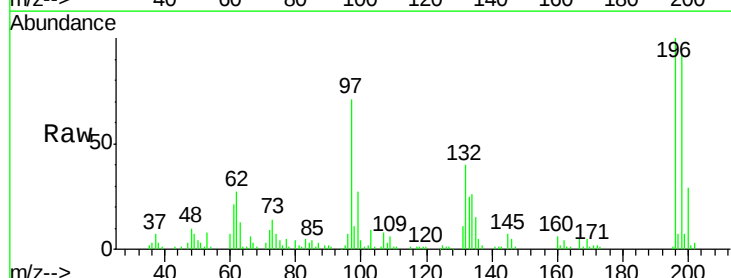
Ion Ratio Lower Upper

196 100

198 92.3 77.5 116.3

97 71.4 32.0 48.0#

132 39.8 20.9 31.3#



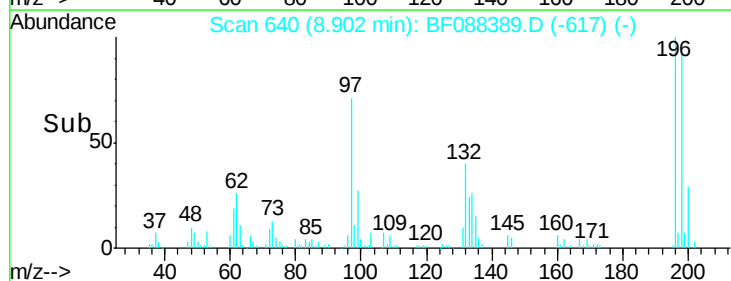
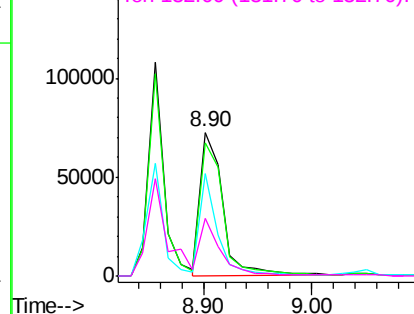
Abundance

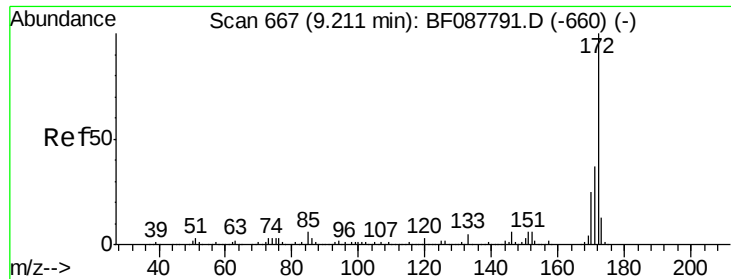
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E





#44

2-Fluorobiphenyl

Concen: 97.50 ng

RT: 8.92 min Scan# 642

Delta R.T. -0.05 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

Instrument :

BNA_F

ClientSampleId :

PB-B1(0-12)CMSD

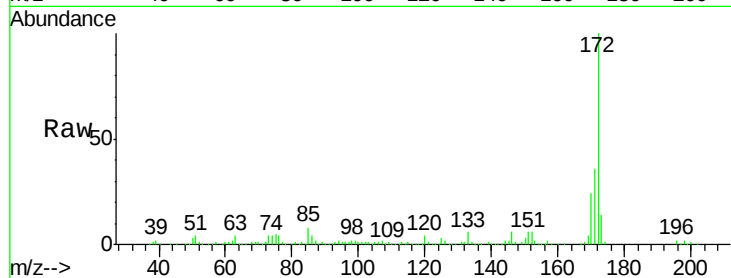
Tot Ion:172 Resp: 734791

Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

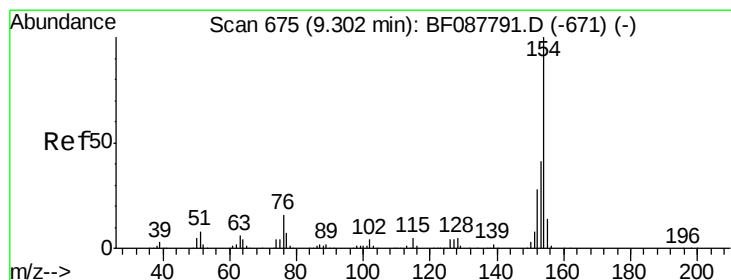
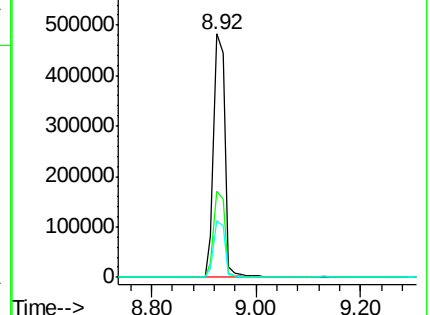
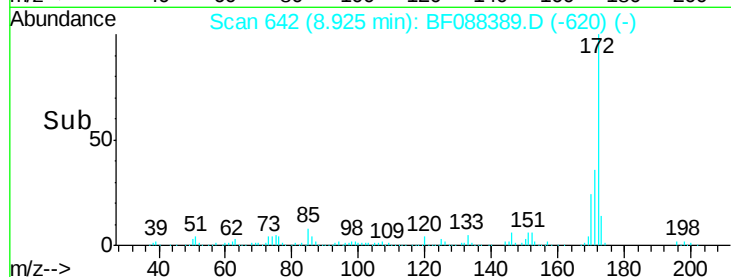
170 23.5 19.2 28.8



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: 52.97 ng

RT: 9.03 min Scan# 651

Delta R.T. -0.05 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

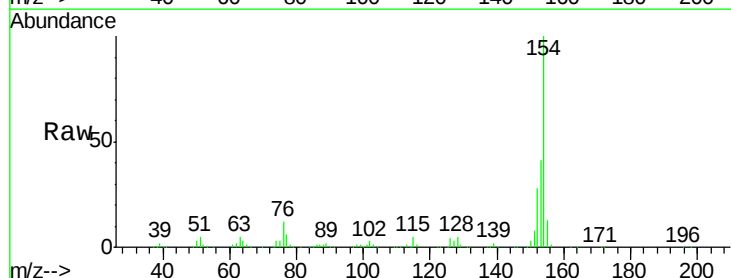
Tgt Ion:154 Resp: 464865

Ion Ratio Lower Upper

154 100

153 40.8 20.6 60.6

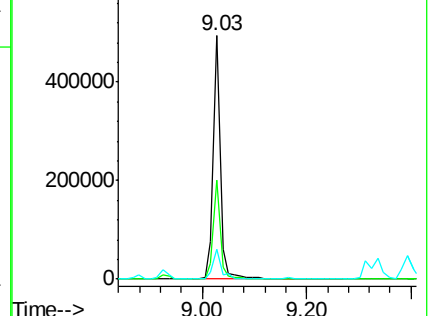
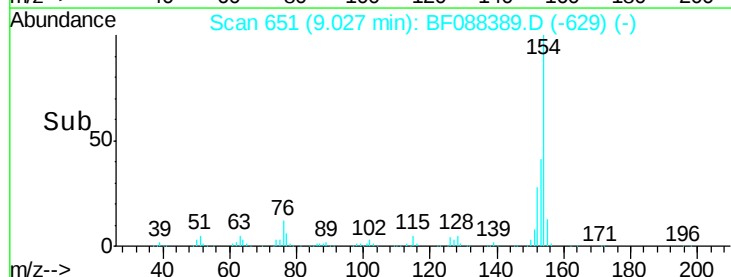
76 12.2 0.0 35.1

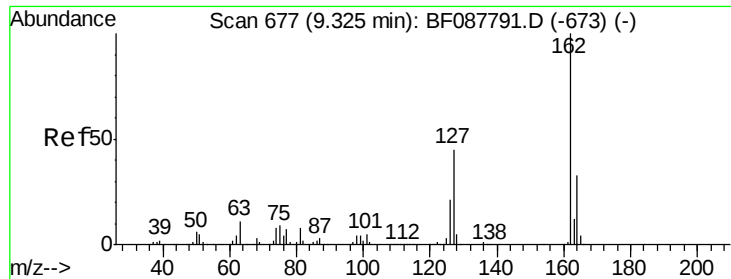


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

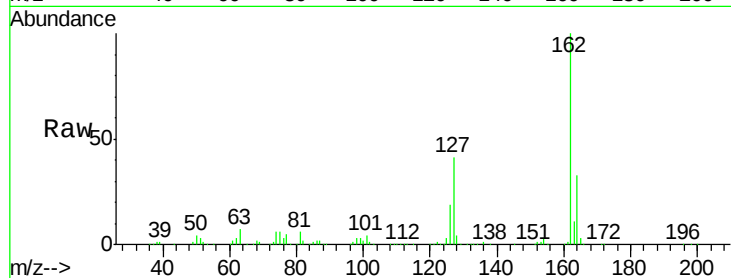




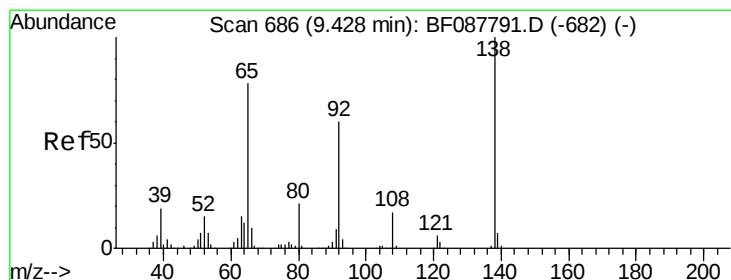
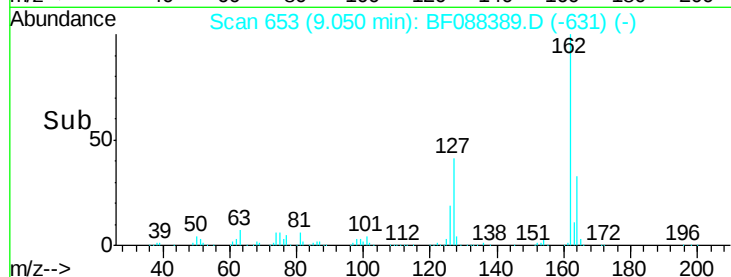
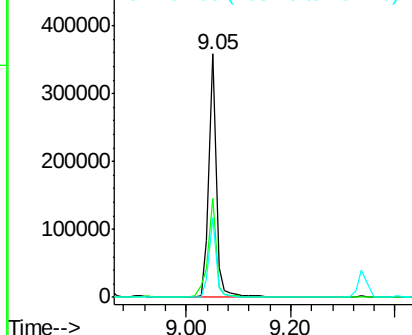
#46
2-Chloronaphthalene
Concen: 46.56 ng
RT: 9.05 min Scan# 653
Delta R.T. -0.05 min
Lab File: BF088389.D
Acq: 25 Jun 2016 21:06

Instrument :
BNA_F
ClientSampleId :
PB-B1(0-12)CMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.5	35.2	52.8
164	32.8	26.6	39.8

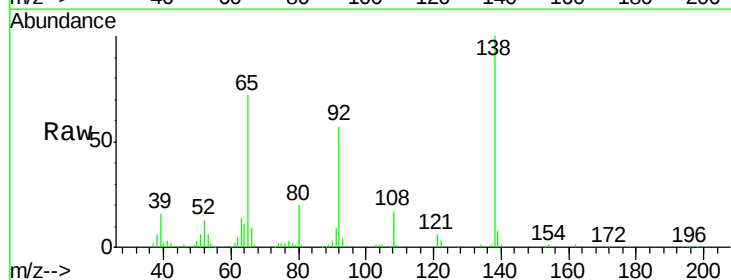


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

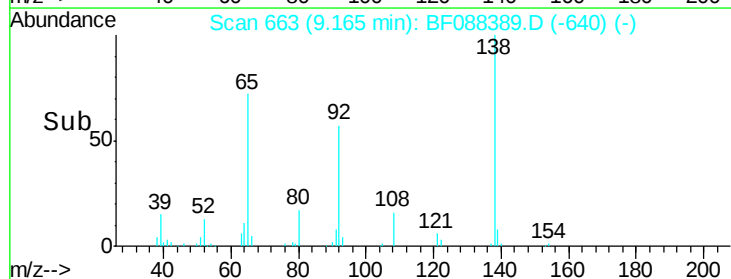
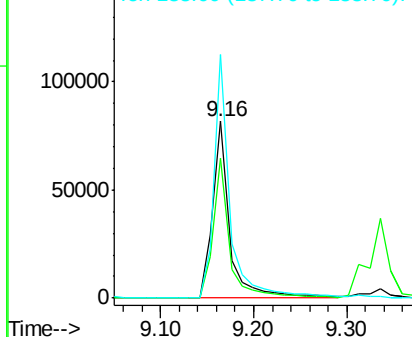


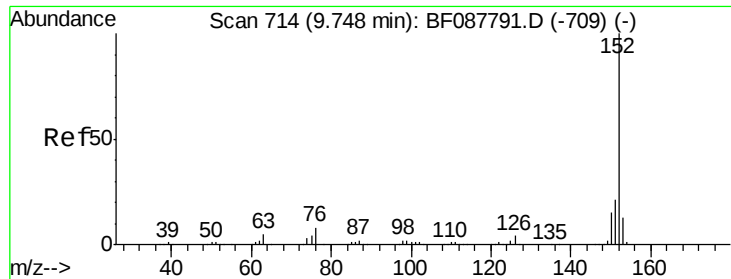
#47
2-Nitroaniline
Concen: 46.00 ng
RT: 9.16 min Scan# 663
Delta R.T. -0.03 min
Lab File: BF088389.D
Acq: 25 Jun 2016 21:06

Tgt Ion	Ratio	Lower	Upper
65	100		
92	79.3	54.6	82.0
138	138.0	77.0	115.4#



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





#48

Acenaphthylene

Concen: 44.01 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.05 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

Instrument :

BNA_F

ClientSampleId :

PB-B1(0-12)CMSD

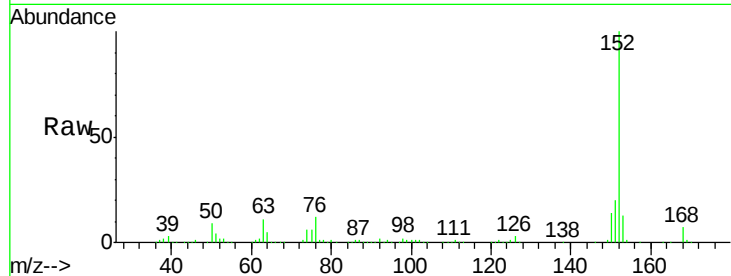
Tot Ion:152 Resp: 540787

Ion Ratio Lower Upper

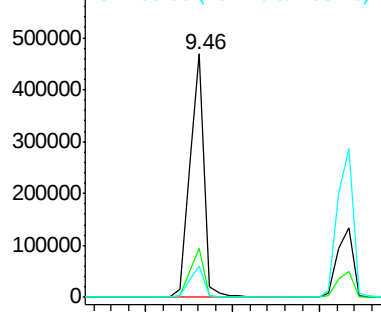
152 100

151 20.2 16.2 24.4

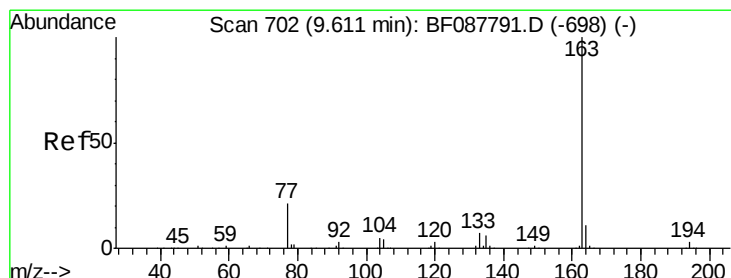
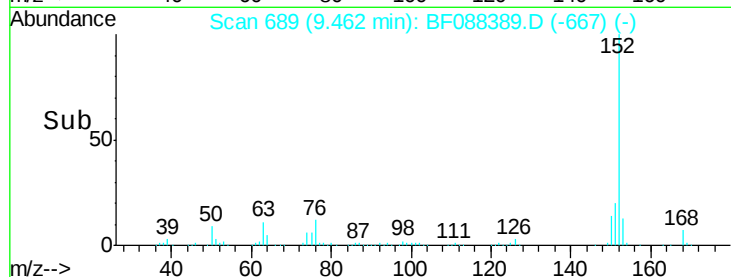
153 12.9 11.0 16.6



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



Time-->



#49

Dimethylphthalate

Concen: 56.10 ng

RT: 9.34 min Scan# 678

Delta R.T. -0.05 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

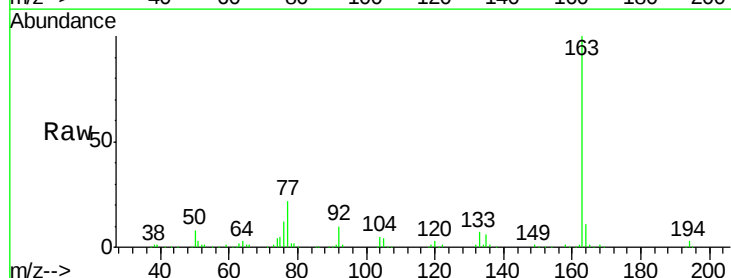
Tgt Ion:163 Resp: 485200

Ion Ratio Lower Upper

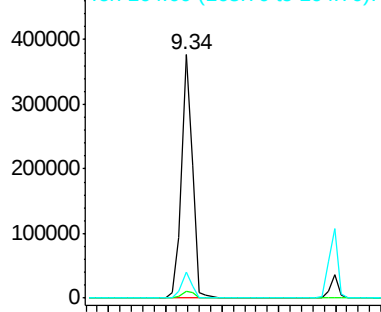
163 100

194 3.0 2.8 4.2

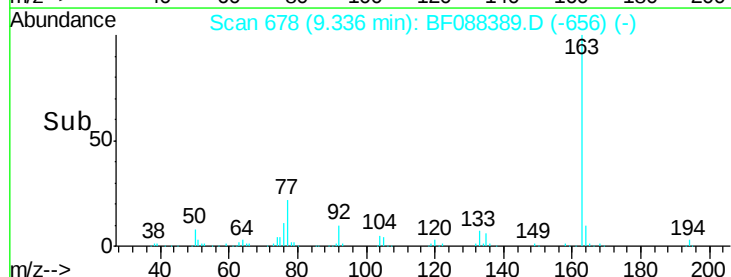
164 10.5 8.3 12.5

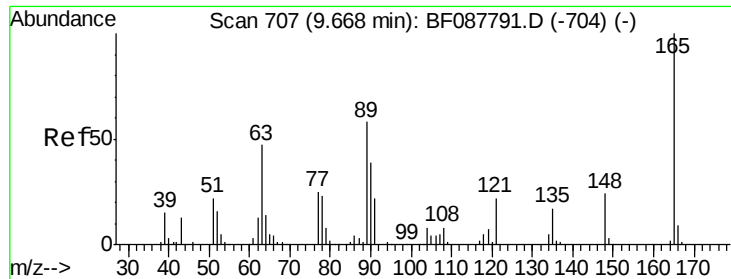


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



Time-->

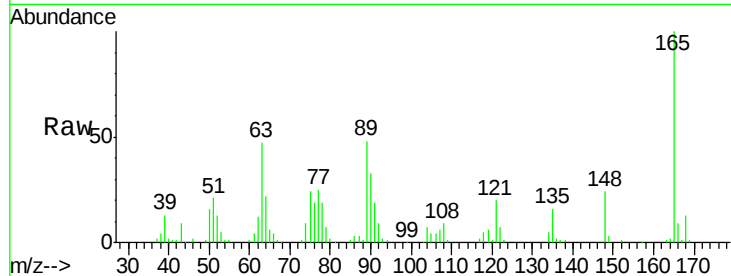




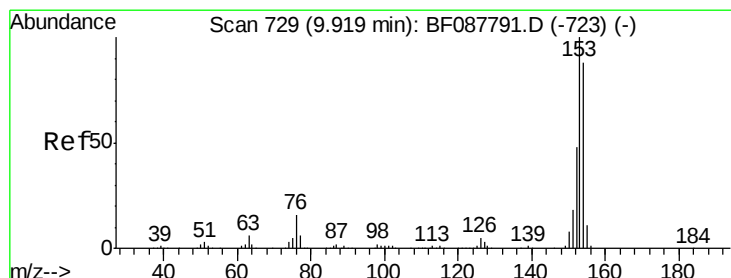
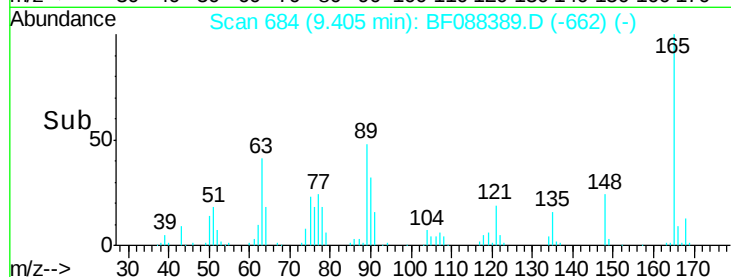
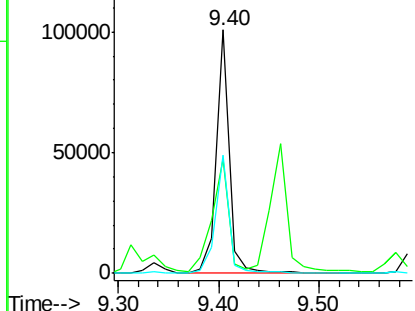
#50
 2,6-Dinitrotoluene
 Concen: 45.80 ng
 RT: 9.40 min Scan# 684
 Delta R.T. -0.05 min
 Lab File: BF088389.D
 Acq: 25 Jun 2016 21:06

Instrument :
 BNA_F
 ClientSampleId :
 PB-B1(0-12)CMSD

Tot Ion:165 Resp: 90714
 Ion Ratio Lower Upper
 165 100
 63 47.0 28.1 42.1#
 89 48.5 32.2 48.2#

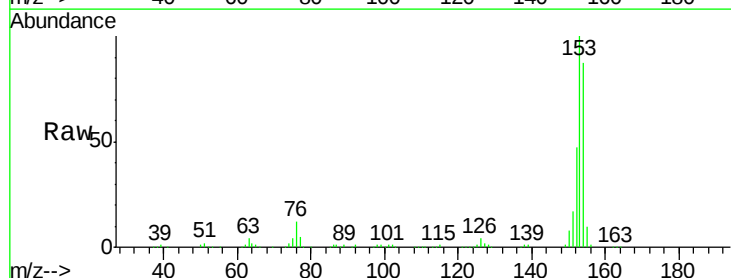


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

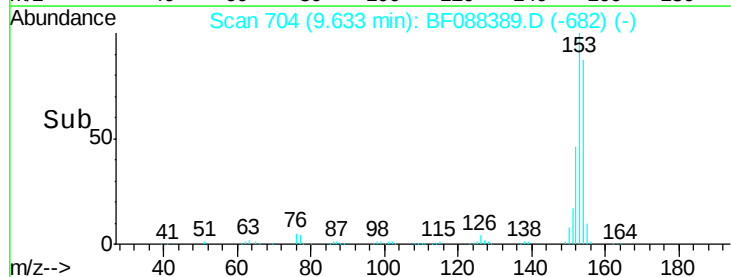
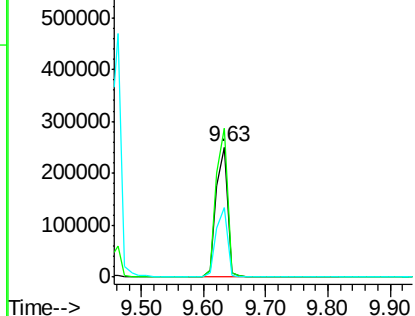


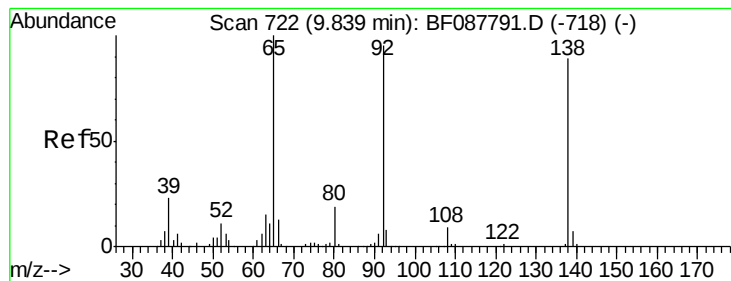
#51
 Acenaphthene
 Concen: 41.06 ng
 RT: 9.63 min Scan# 704
 Delta R.T. -0.05 min
 Lab File: BF088389.D
 Acq: 25 Jun 2016 21:06

Tgt Ion:154 Resp: 314744
 Ion Ratio Lower Upper
 154 100
 153 114.9 89.5 134.3
 152 53.5 42.7 64.1



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: 35.01 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.03 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

Instrument :

BNA_F

ClientSampleId :

PB-B1(0-12)CMSD

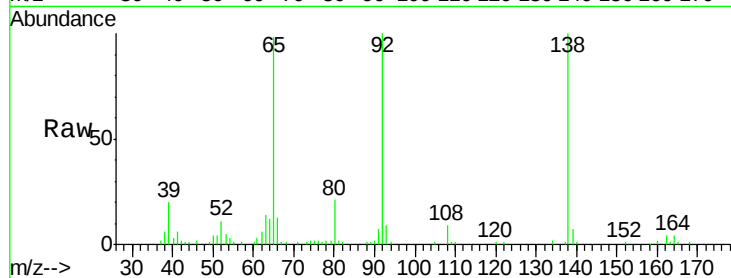
Tot Ion:138 Resp: 80011

Ion Ratio Lower Upper

138 100

108 9.4 8.5 12.7

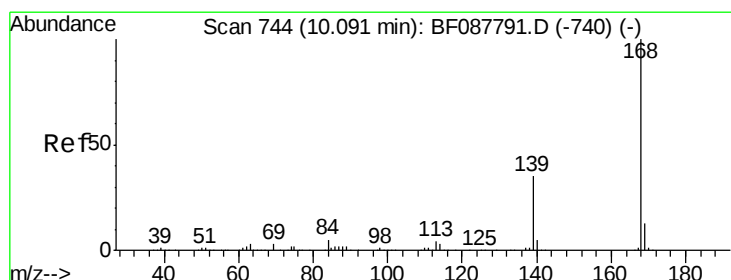
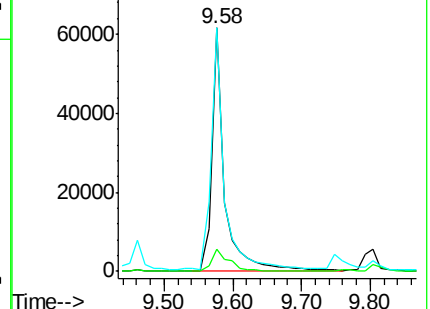
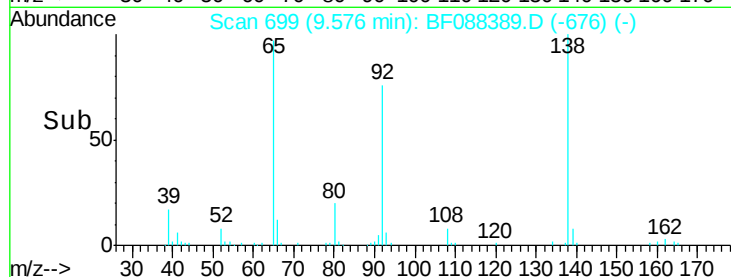
92 100.1 95.7 143.5



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



#54

Dibenzofuran

Concen: 43.63 ng

RT: 9.80 min Scan# 719

Delta R.T. -0.05 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

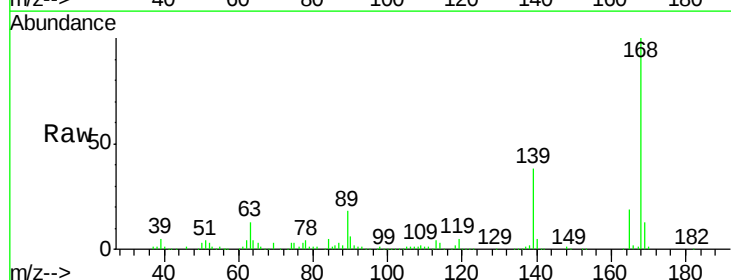
Tgt Ion:168 Resp: 460675

Ion Ratio Lower Upper

168 100

139 37.5 26.4 39.6

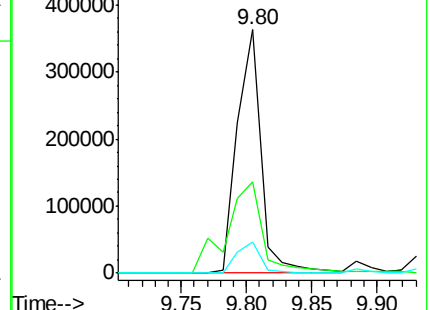
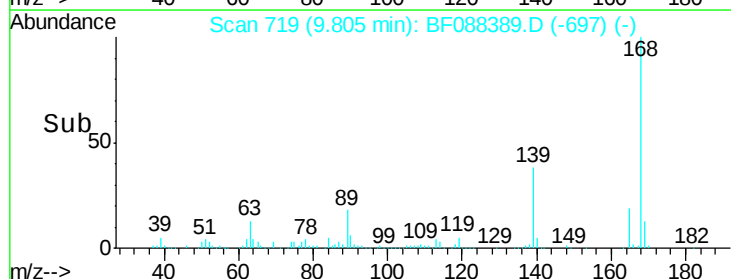
169 12.9 10.4 15.6

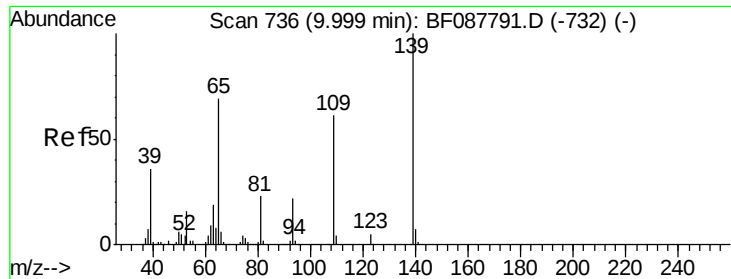


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

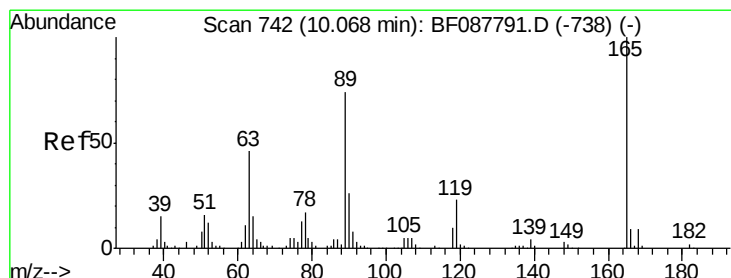
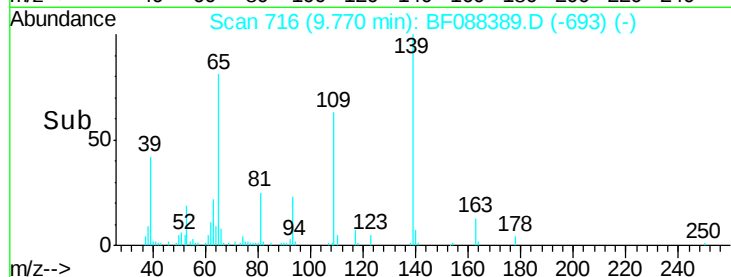
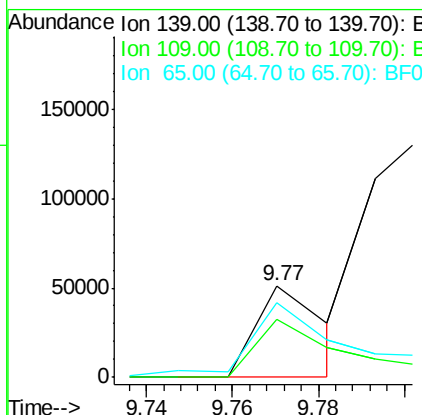
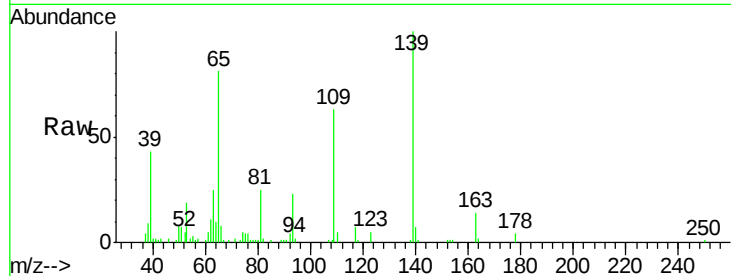




#55
4-Nitrophenol
Concen: 31.67 ng/ml
RT: 9.77 min Scan# 716
Delta R.T. -0.03 min
Lab File: BF088389.D
Acq: 25 Jun 2016 21:06

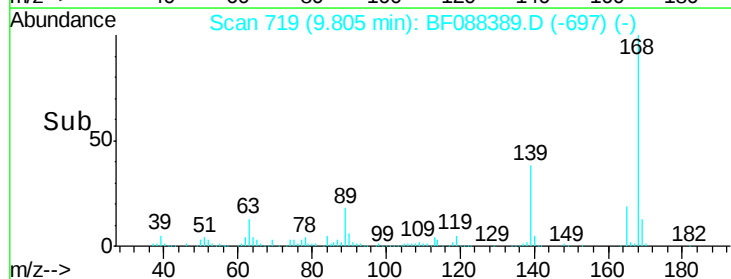
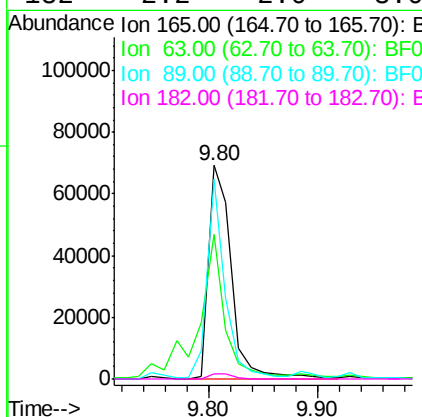
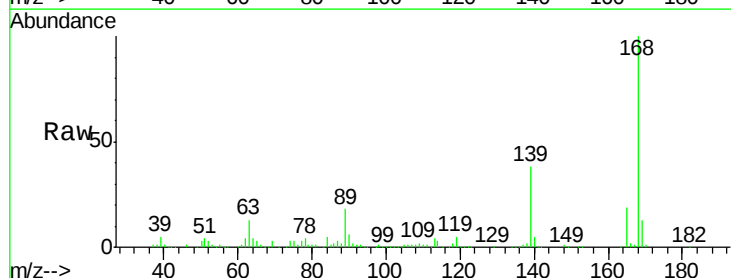
Instrument :
BNA_F
ClientSampleId :
PB-B1(0-12)CMSD

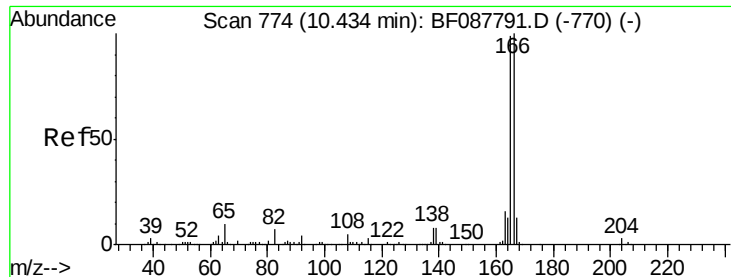
Tot Ion:139 Resp: 56170
Ion Ratio Lower Upper
139 100
109 63.3 48.9 88.9
65 81.1 84.9 124.9#



#56
2,4-Dinitrotoluene
Concen: 40.04 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.05 min
Lab File: BF088389.D
Acq: 25 Jun 2016 21:06

Tgt Ion:165 Resp: 101929
Ion Ratio Lower Upper
165 100
63 67.8 22.0 33.0#
89 93.3 41.1 61.7#
182 2.2 2.0 3.0

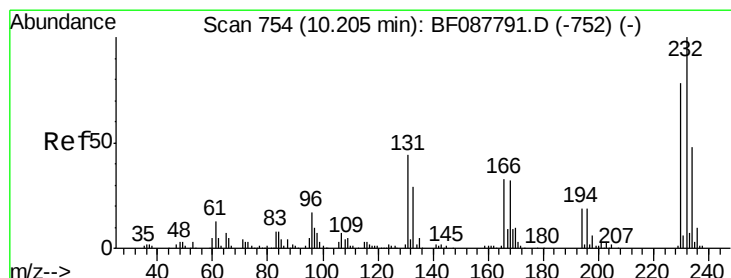
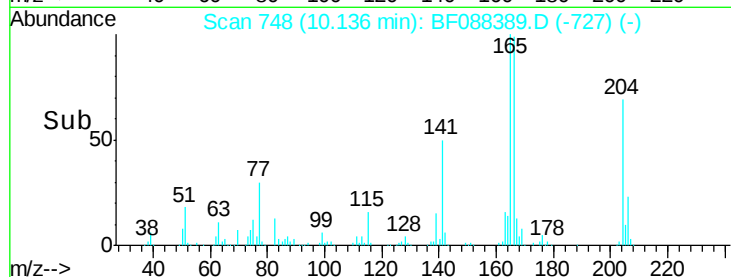
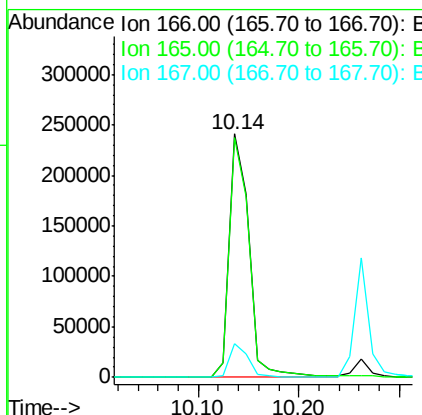
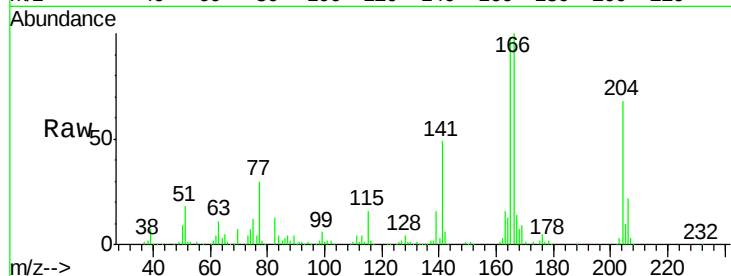




#57
 Fluorene
 Concen: 46.28 ng
 RT: 10.14 min Scan# 748
 Delta R.T. -0.06 min
 Lab File: BF088389.D
 Acq: 25 Jun 2016 21:06

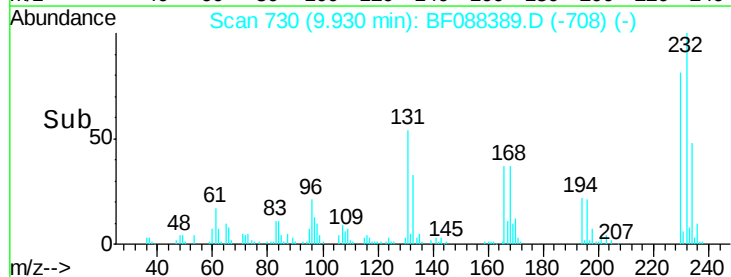
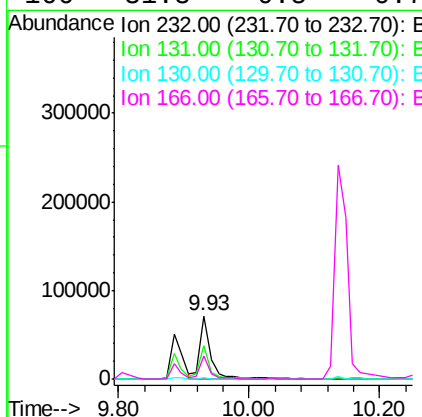
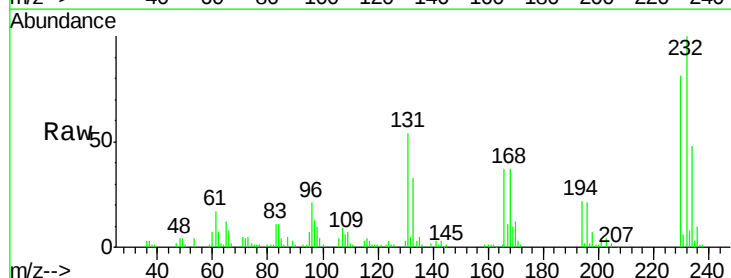
Instrument :
 BNA_F
 ClientSampleId :
 PB-B1(0-12)CMSD

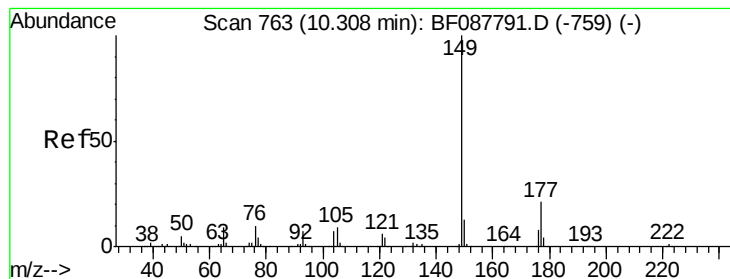
Tot Ion:166 Resp: 329197
 Ion Ratio Lower Upper
 166 100
 165 98.5 77.8 116.8
 167 14.1 11.2 16.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.80 ng
 RT: 9.93 min Scan# 730
 Delta R.T. -0.05 min
 Lab File: BF088389.D
 Acq: 25 Jun 2016 21:06

Tgt Ion:232 Resp: 81596
 Ion Ratio Lower Upper
 232 100
 131 45.9 0.9 1.3#
 130 2.1 1.5 2.3
 166 31.8 0.5 0.7#





#59

Diethylphthalate

Concen: 47.72 ng

RT: 10.03 min Scan# 739

Delta R.T. -0.05 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

Instrument :

BNA_F

ClientSampleId :

PB-B1(0-12)CMSD

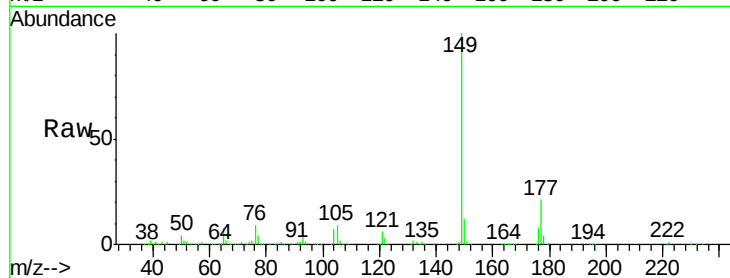
Tot Ion:149 Resp: 417733

Ion Ratio Lower Upper

149 100

177 20.5 16.9 25.3

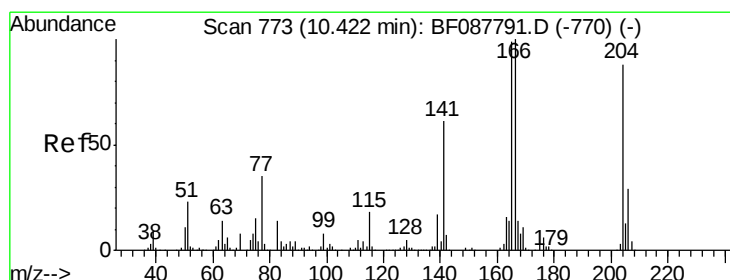
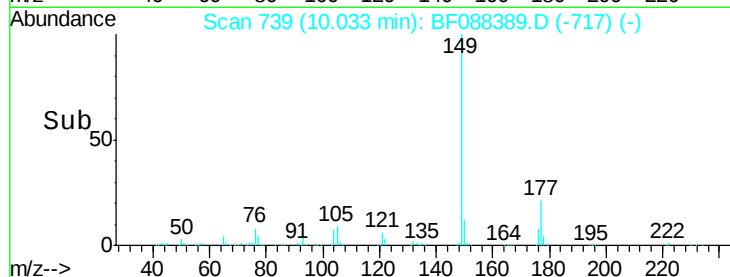
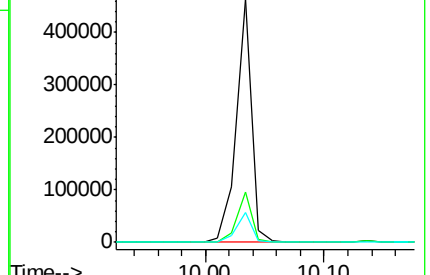
150 12.4 10.1 15.1



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: 44.14 ng

RT: 10.14 min Scan# 748

Delta R.T. -0.05 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

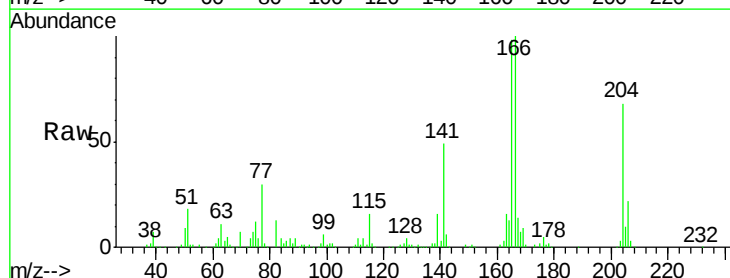
Tgt Ion:204 Resp: 154985

Ion Ratio Lower Upper

204 100

206 32.5 26.3 39.5

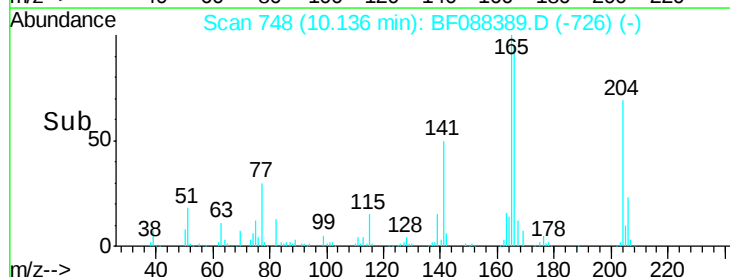
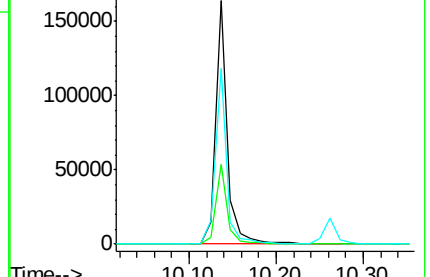
141 72.3 55.0 82.6

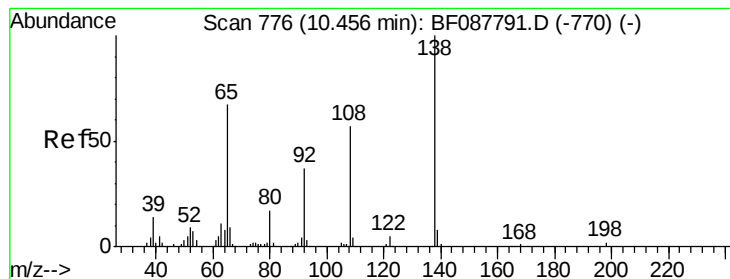


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 40.12 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.03 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

Instrument :

BNA_F

ClientSampleId :

PB-B1(0-12)CMSD

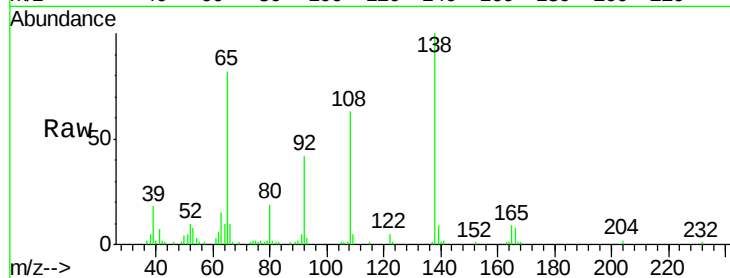
Tot Ion:138 Resp: 86977

Ion Ratio Lower Upper

138 100

92 42.3 27.3 67.3

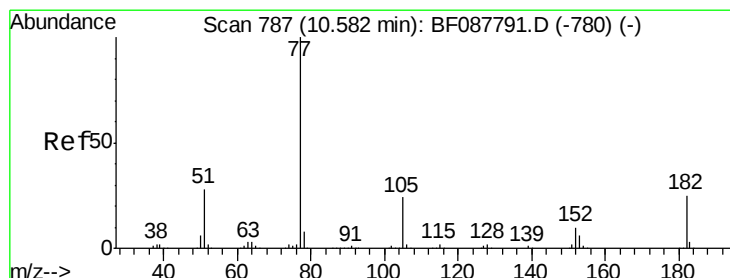
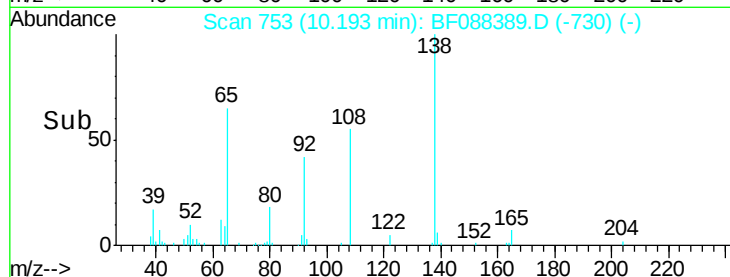
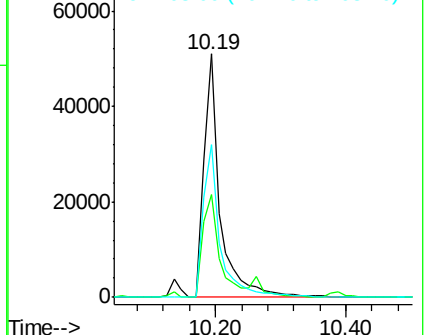
108 62.6 46.7 86.7



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: 43.65 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.05 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

Tgt Ion: 77 Resp: 377876

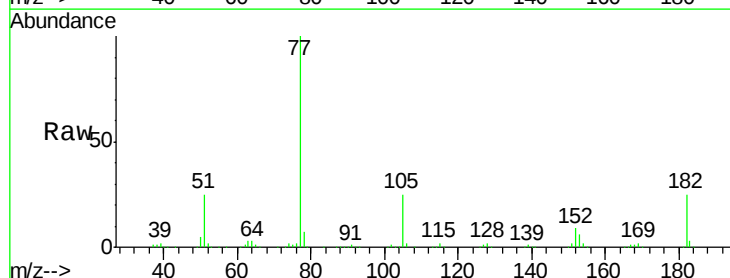
Ion Ratio Lower Upper

77 100

182 24.9 4.4 44.4

105 24.6 3.8 43.8

51 25.1 9.3 49.3

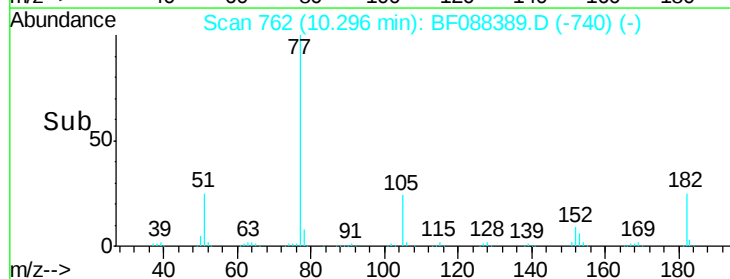
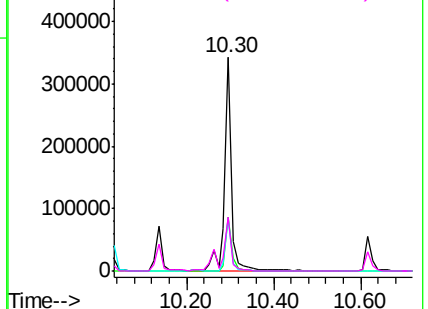


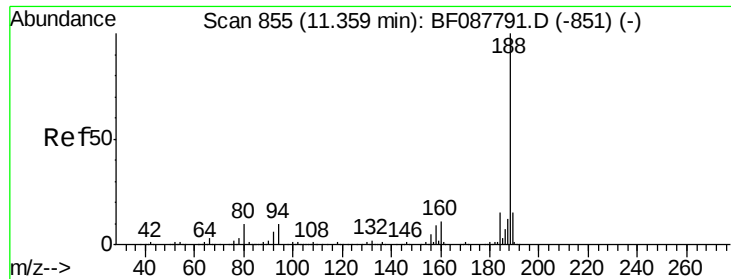
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

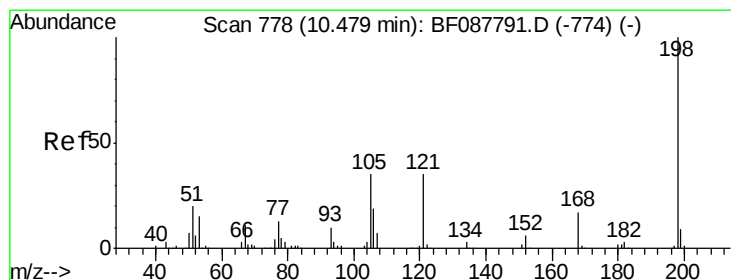
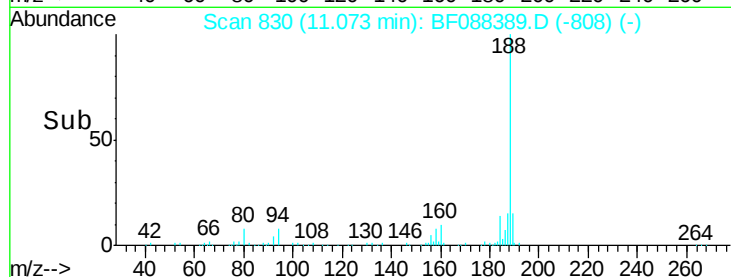
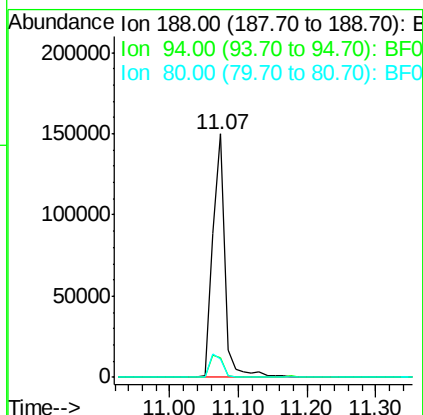
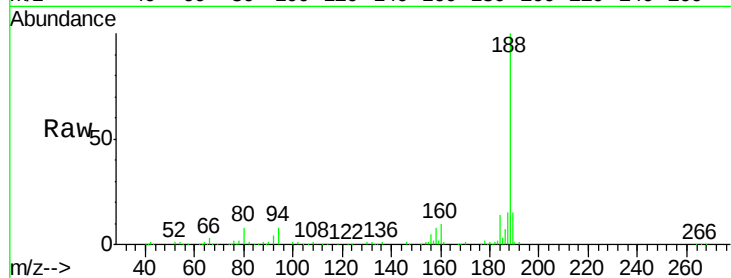




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 830
Delta R.T. -0.05 min
Lab File: BF088389.D
Acq: 25 Jun 2016 21:06

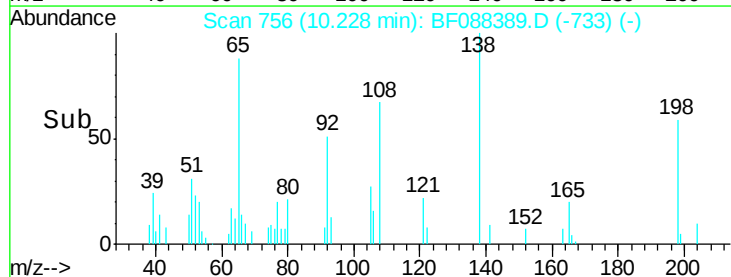
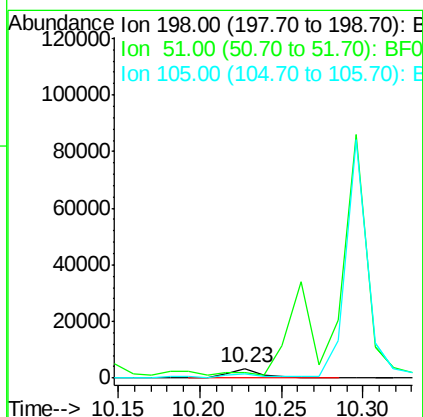
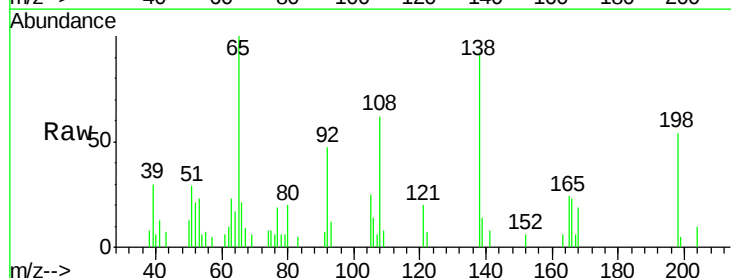
Instrument :
BNA_F
ClientSampleId :
PB-B1(0-12)CMSD

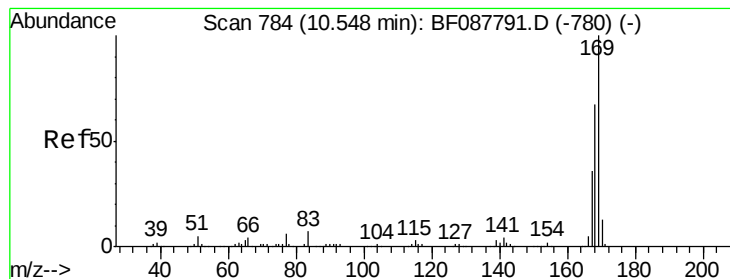
Tot Ion:188 Resp: 188738
Ion Ratio Lower Upper
188 100
94 7.9 9.0 13.6#
80 7.6 10.0 15.0#



#64
4,6-Dinitro-2-methylphenol
Concen: 6.04 ng
RT: 10.23 min Scan# 756
Delta R.T. -0.03 min
Lab File: BF088389.D
Acq: 25 Jun 2016 21:06

Tgt Ion:198 Resp: 4789
Ion Ratio Lower Upper
198 100
51 52.5 39.6 79.6
105 46.3 36.6 76.6





#65

n-Nitrosodiphenylamine

Concen: 52.27 ng

RT: 10.26 min Scan# 759

Delta R.T. -0.05 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

Instrument :

BNA_F

ClientSampleId :

PB-B1(0-12)CMSD

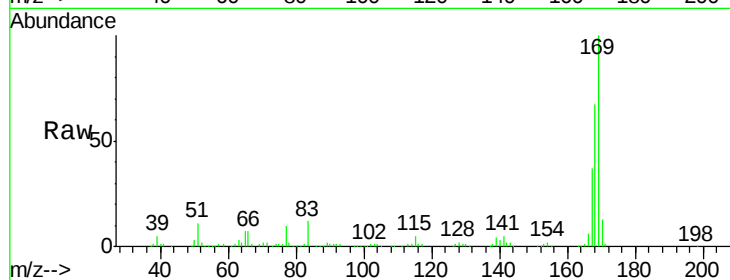
Tot Ion:169 Resp: 327371

Ion Ratio Lower Upper

169 100

168 67.2 53.4 80.0

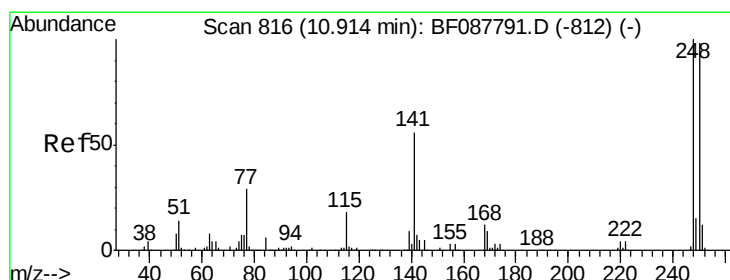
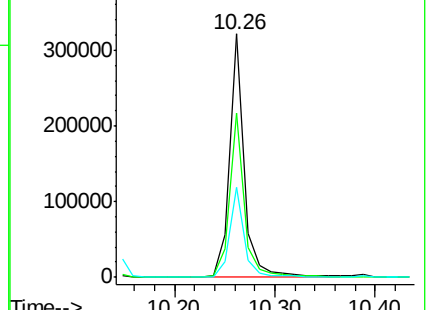
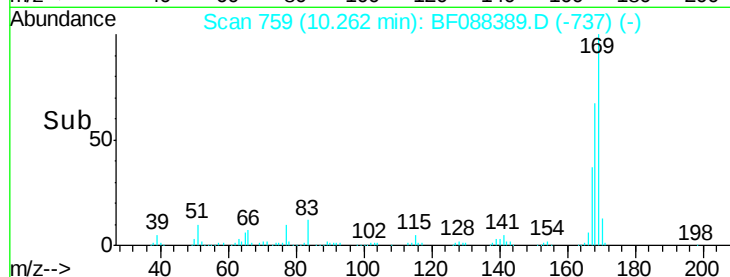
167 36.8 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 47.67 ng

RT: 10.63 min Scan# 791

Delta R.T. -0.05 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

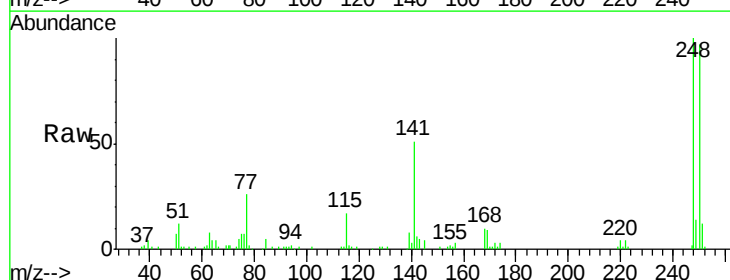
Tgt Ion:248 Resp: 96526

Ion Ratio Lower Upper

248 100

250 97.0 77.1 115.7

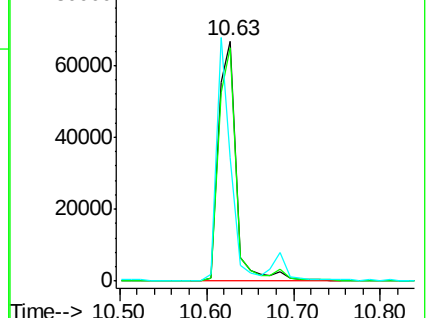
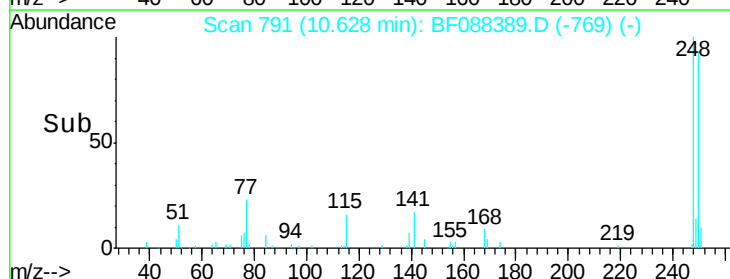
141 51.1 50.6 76.0

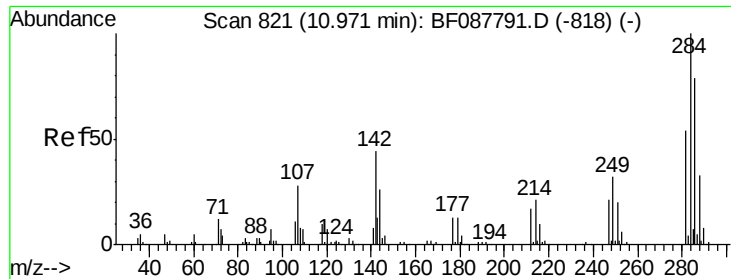


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

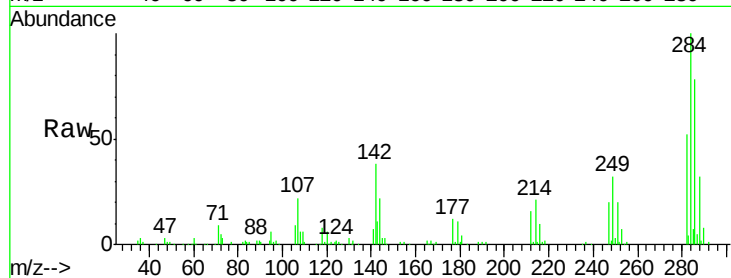




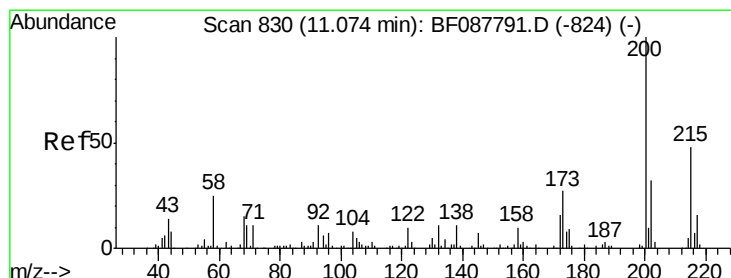
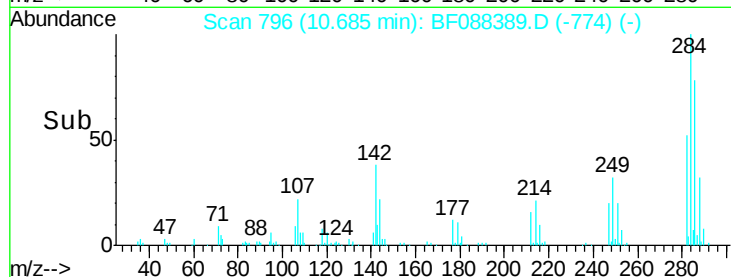
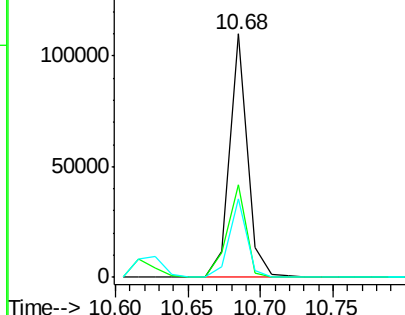
#67
Hexachlorobenzene
Concen: 44.77 ng
RT: 10.68 min Scan# 796
Delta R.T. -0.05 min
Lab File: BF088389.D
Acq: 25 Jun 2016 21:06

Instrument :
BNA_F
ClientSampleId :
PB-B1(0-12)CMSD

Tot Ion:284 Resp: 94192
Ion Ratio Lower Upper
284 100
142 38.0 35.8 53.8
249 32.3 25.8 38.6

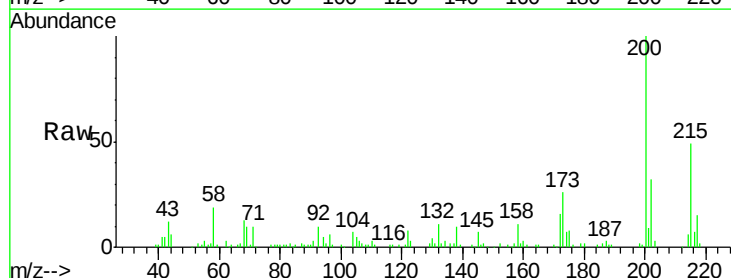


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

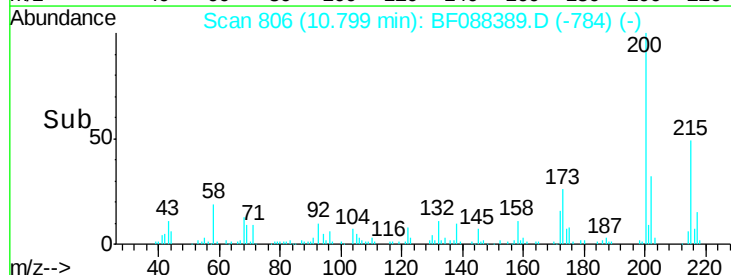
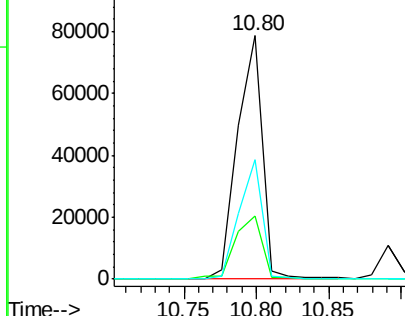


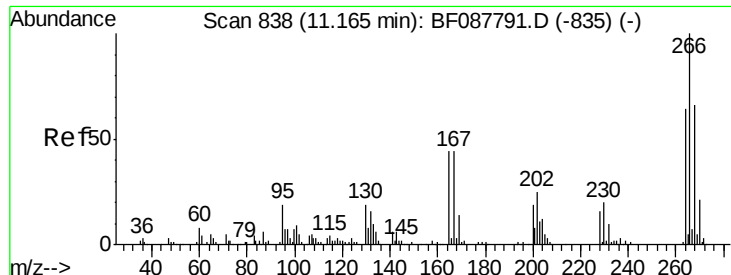
#68
Atrazine
Concen: 49.37 ng
RT: 10.80 min Scan# 806
Delta R.T. -0.05 min
Lab File: BF088389.D
Acq: 25 Jun 2016 21:06

Tgt Ion:200 Resp: 93635
Ion Ratio Lower Upper
200 100
173 26.0 4.0 44.0
215 48.9 29.3 69.3



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

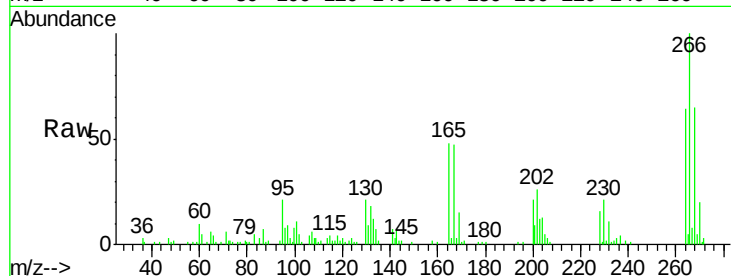




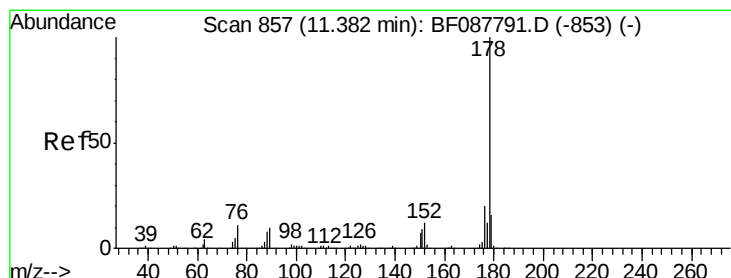
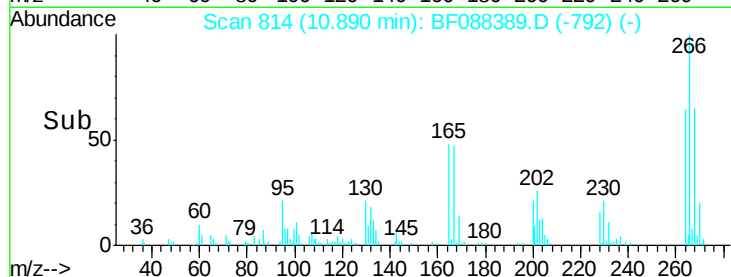
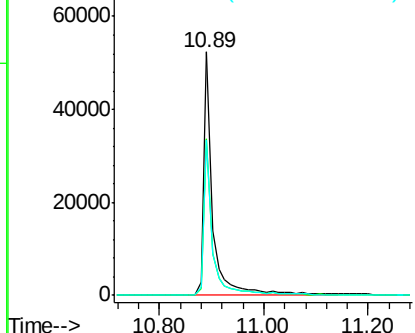
#69
 Pentachlorophenol
 Concen: 58.16 ng
 RT: 10.89 min Scan# 814
 Delta R.T. -0.05 min
 Lab File: BF088389.D
 Acq: 25 Jun 2016 21:06

Instrument :
 BNA_F
 ClientSampleId :
 PB-B1(0-12)CMSD

Tot Ion:266 Resp: 64496
 Ion Ratio Lower Upper
 266 100
 268 64.6 52.8 79.2
 264 63.9 49.6 74.4

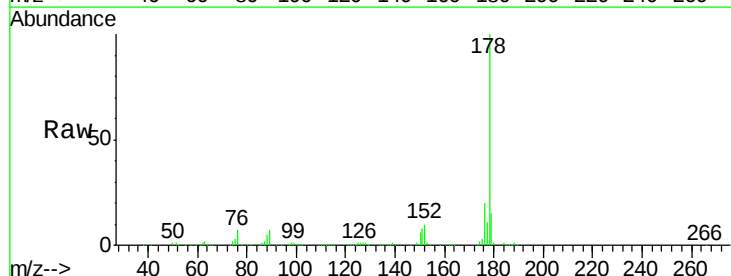


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

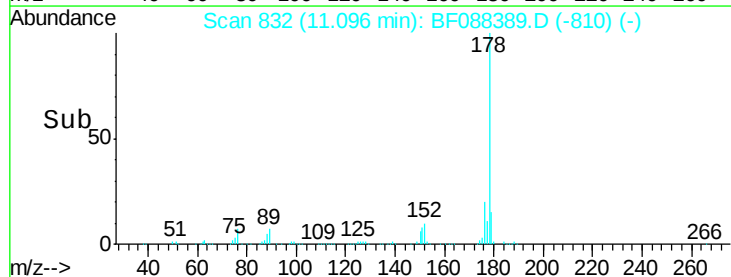
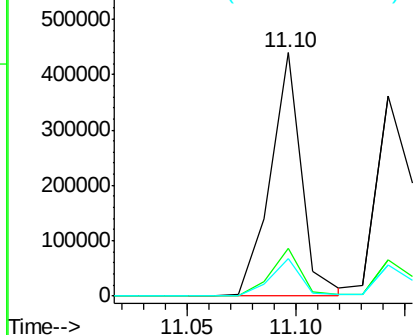


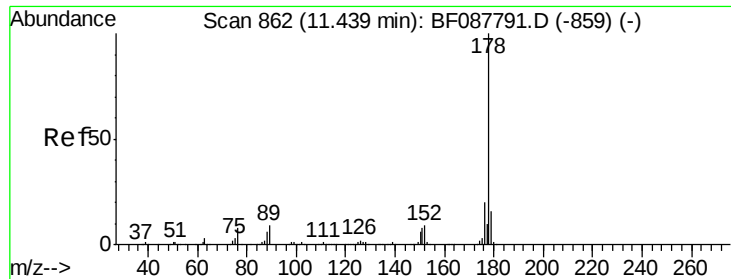
#70
 Phenanthrene
 Concen: 44.44 ng
 RT: 11.10 min Scan# 832
 Delta R.T. -0.05 min
 Lab File: BF088389.D
 Acq: 25 Jun 2016 21:06

Tgt Ion:178 Resp: 440162
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.6
 179 15.4 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

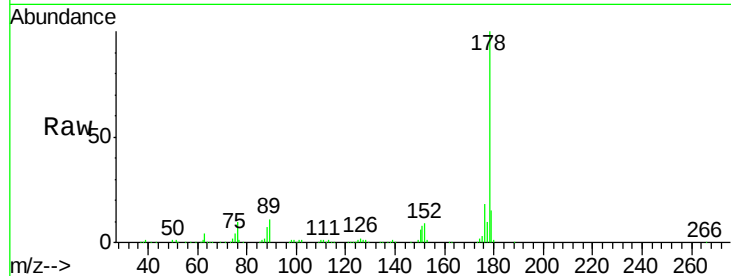




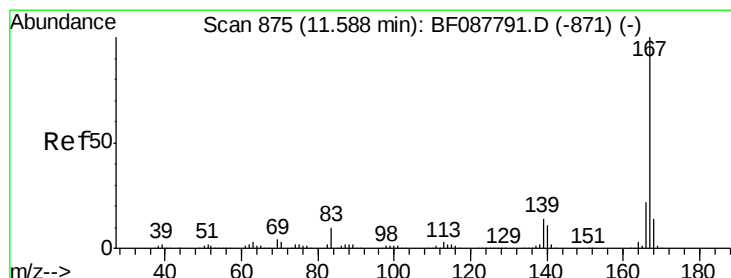
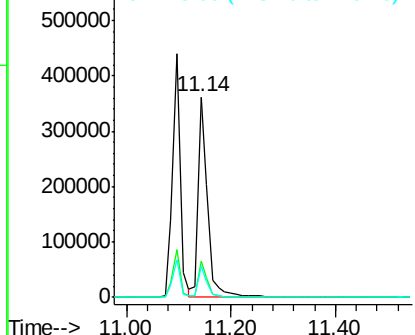
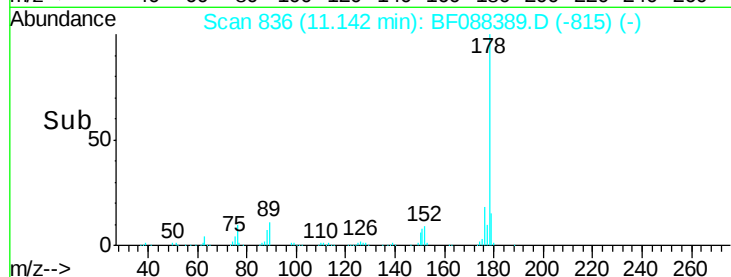
#71
 Anthracene
 Concen: 46.20 ng
 RT: 11.14 min Scan# 836
 Delta R.T. -0.06 min
 Lab File: BF088389.D
 Acq: 25 Jun 2016 21:06

Instrument :
 BNA_F
 ClientSampleId :
 PB-B1(0-12)CMSD

Tot Ion:178 Resp: 461514
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.6 23.4
 179 15.5 12.8 19.2

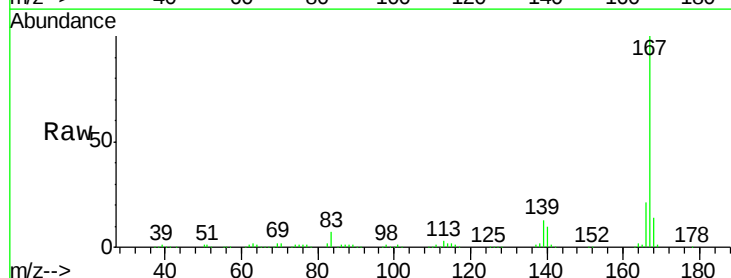


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

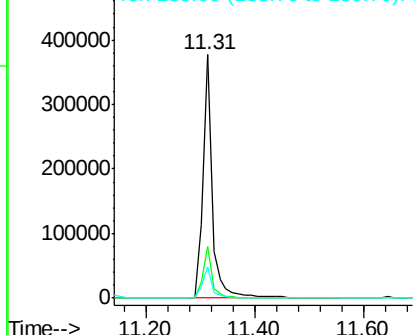
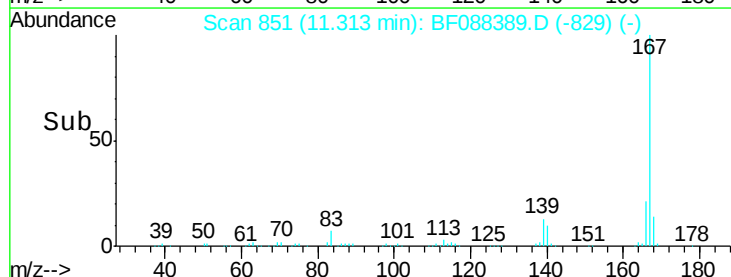


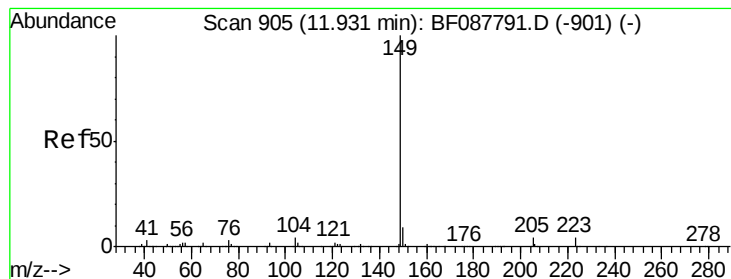
#72
 Carbazole
 Concen: 47.75 ng
 RT: 11.31 min Scan# 851
 Delta R.T. -0.05 min
 Lab File: BF088389.D
 Acq: 25 Jun 2016 21:06

Tgt Ion:167 Resp: 446412
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.8 26.6
 139 12.6 11.2 16.8



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: 48.04 ng

RT: 11.64 min Scan# 880

Delta R.T. -0.05 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

Instrument :

BNA_F

ClientSampleId :

PB-B1(0-12)CMSD

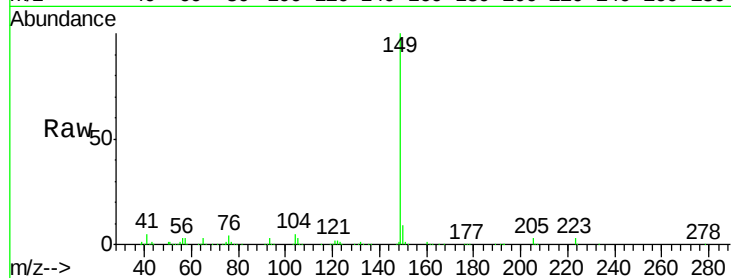
Tot Ion:149 Resp: 568560

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

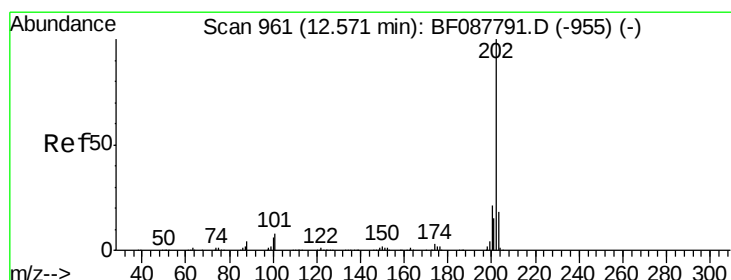
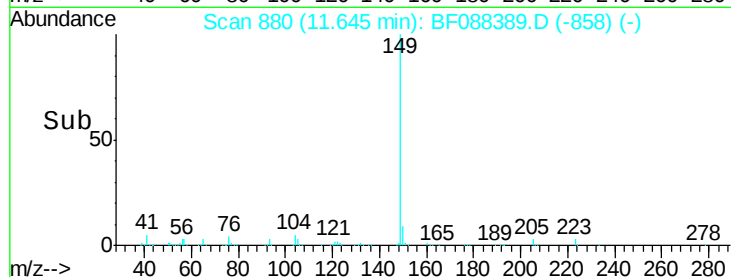
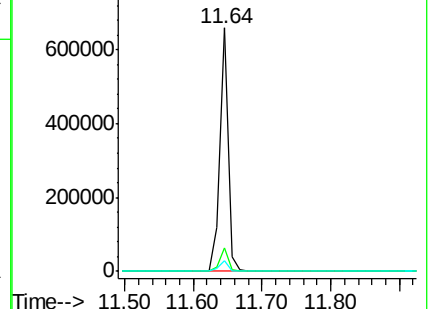
104 4.5 4.0 6.0



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: 38.30 ng

RT: 12.27 min Scan# 935

Delta R.T. -0.05 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

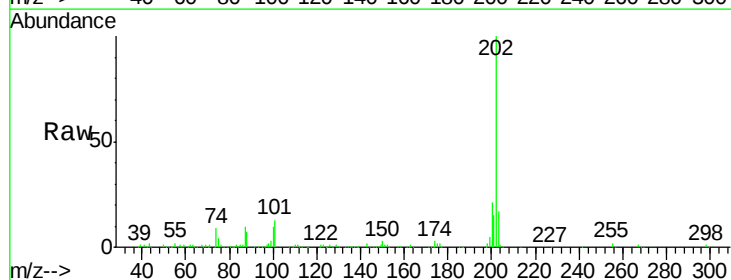
Tgt Ion:202 Resp: 400271

Ion Ratio Lower Upper

202 100

101 13.3 0.0 33.1

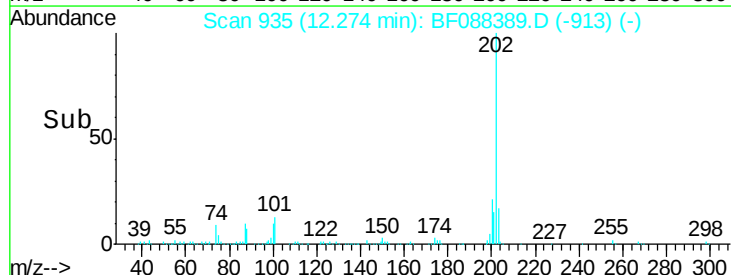
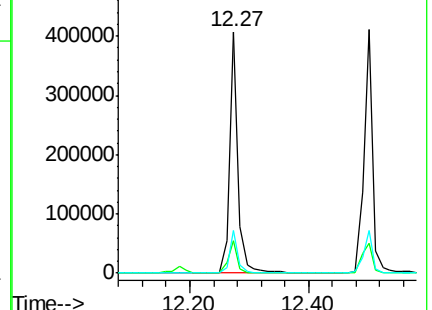
203 17.4 0.0 38.1

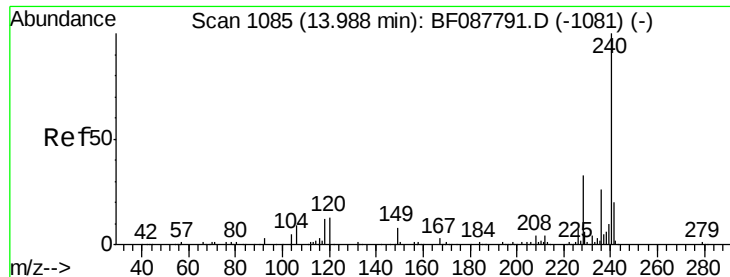


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.70 min Scan# 1060

Delta R.T. -0.05 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

Instrument :

BNA_F

ClientSampleId :

PB-B1(0-12)CMSD

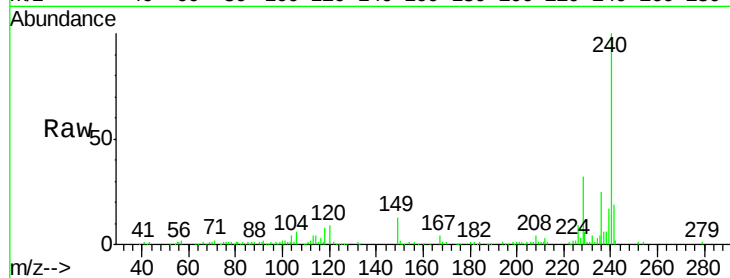
Tot Ion:240 Resp: 133626

Ion Ratio Lower Upper

240 100

120 8.7 6.8 10.2

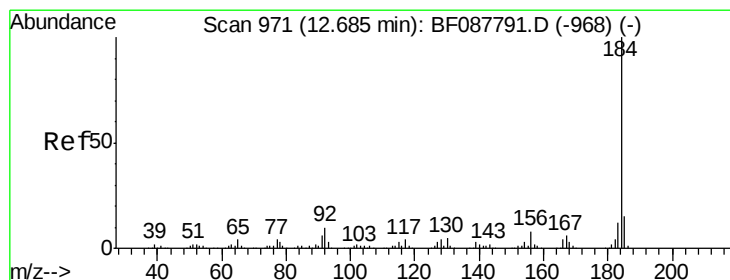
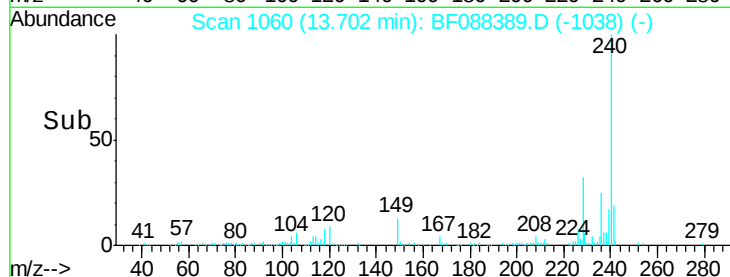
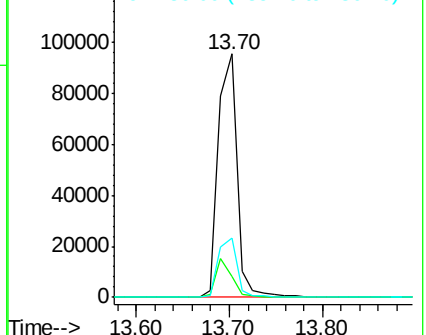
236 24.6 20.2 30.2



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: 53.22 ng

RT: 12.41 min Scan# 947

Delta R.T. -0.05 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

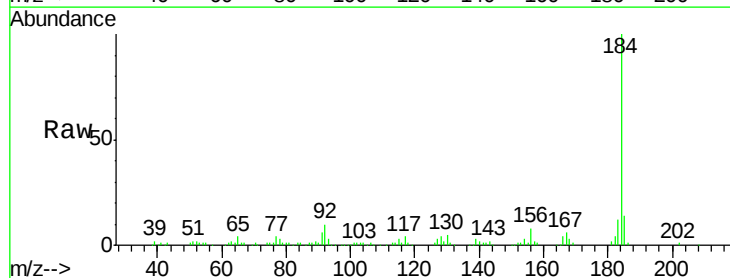
Tgt Ion:184 Resp: 196921

Ion Ratio Lower Upper

184 100

185 14.3 12.5 18.7

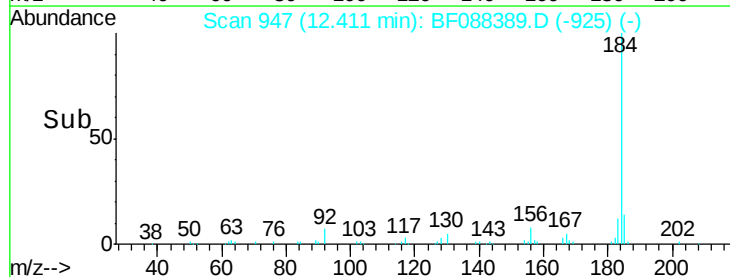
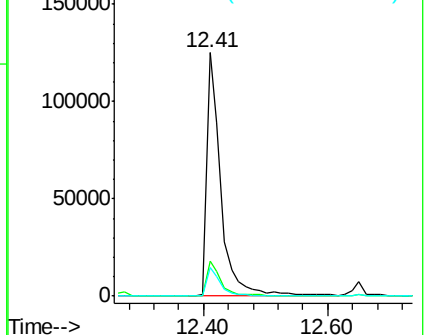
183 11.5 9.3 13.9

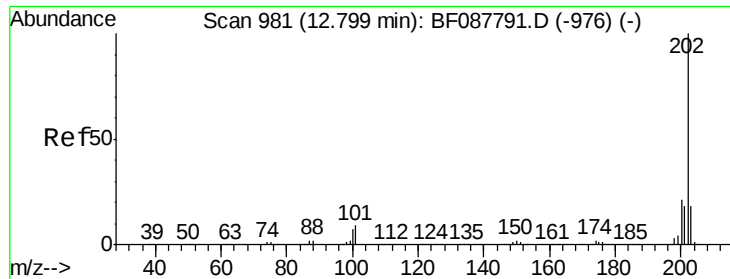


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

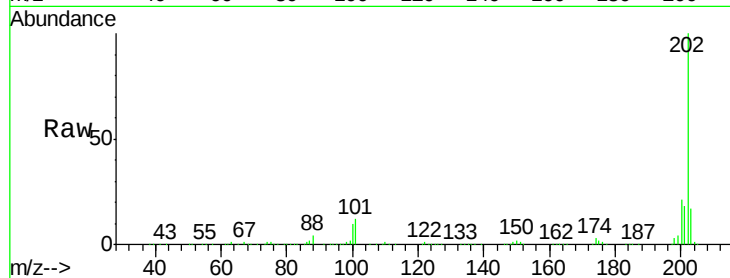




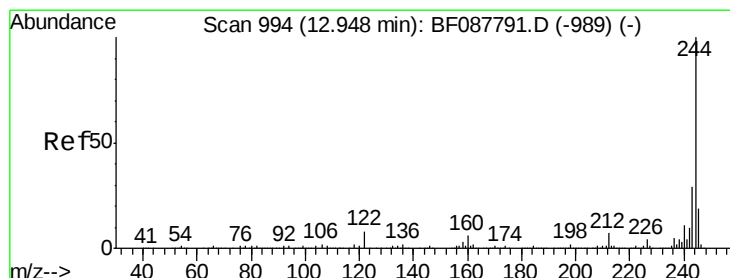
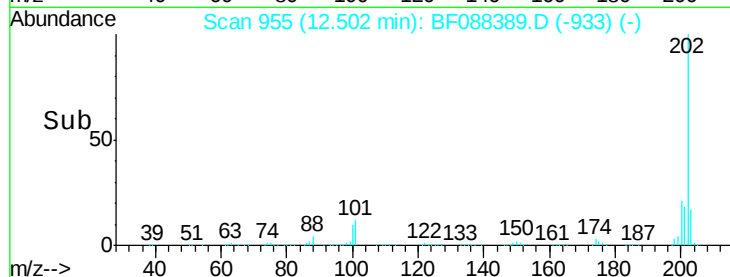
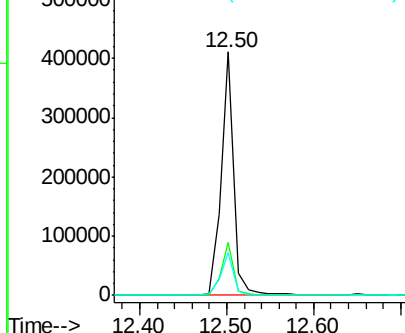
#77
Pvrene
Concen: 42.18 ng
RT: 12.50 min Scan# 955
Delta R.T. -0.05 min
Lab File: BF088389.D
Acq: 25 Jun 2016 21:06

Instrument :
BNA_F
ClientSampleId :
PB-B1(0-12)CMSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	17.3	14.5	21.7

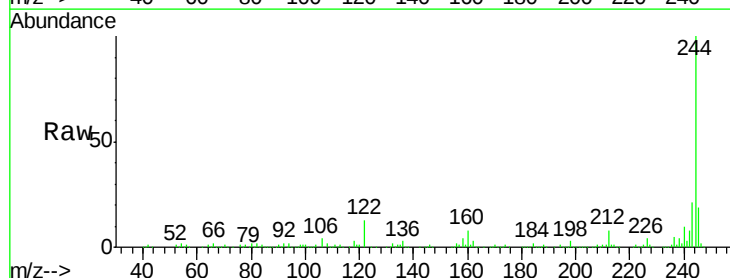


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

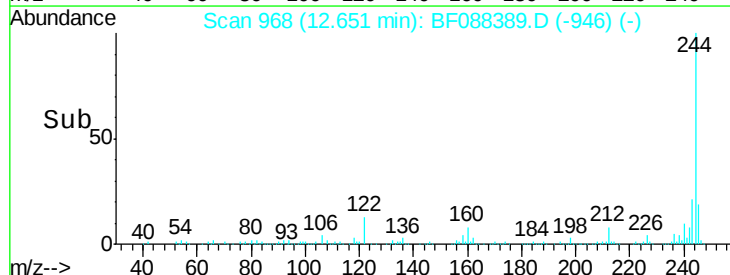
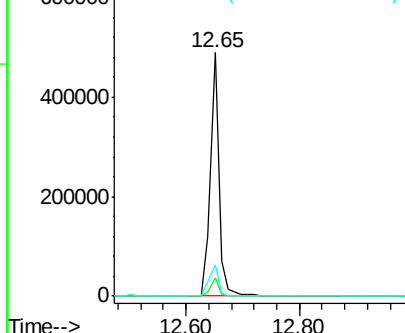


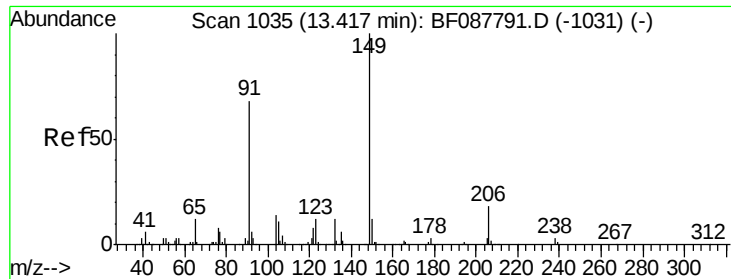
#78
Terphenyl-d14
Concen: 84.24 ng
RT: 12.65 min Scan# 968
Delta R.T. -0.05 min
Lab File: BF088389.D
Acq: 25 Jun 2016 21:06

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	12.8	11.2	16.8



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: 49.83 ng

RT: 13.13 min Scan# 1010

Delta R.T. -0.05 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

Instrument :

BNA_F

ClientSampleId :

PB-B1(0-12)CMSD

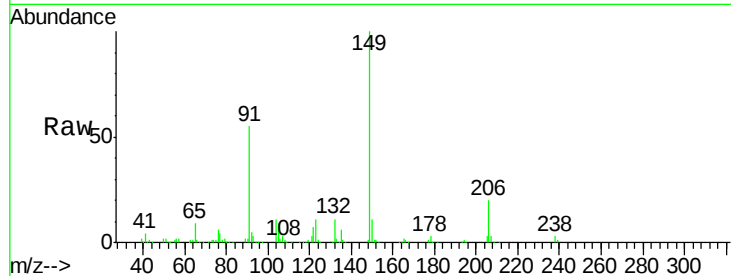
Tot Ion:149 Resp: 218465

Ion Ratio Lower Upper

149 100

91 55.1 48.0 72.0

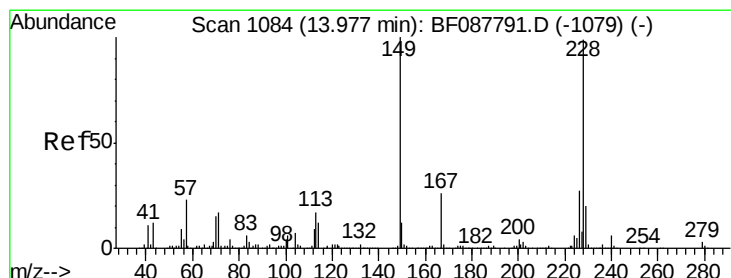
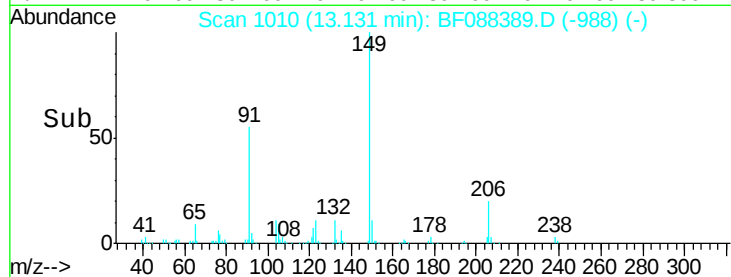
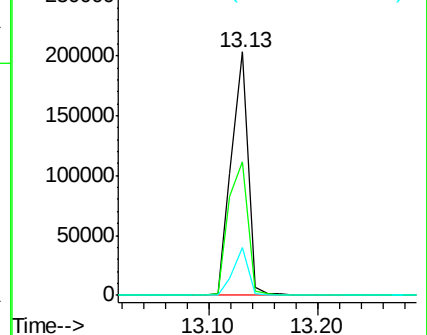
206 19.8 16.0 24.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 43.89 ng

RT: 13.69 min Scan# 1059

Delta R.T. -0.05 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

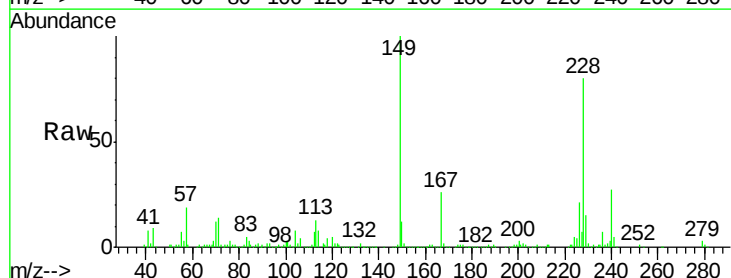
Tgt Ion:228 Resp: 334235

Ion Ratio Lower Upper

228 100

226 26.6 22.3 33.5

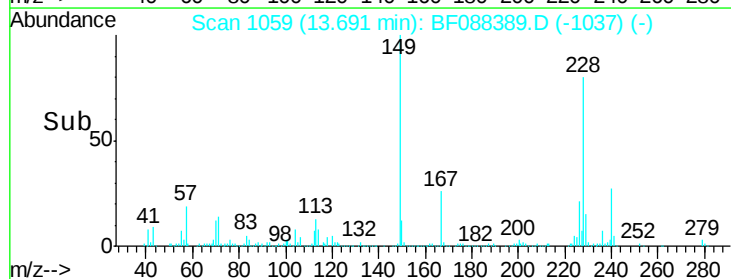
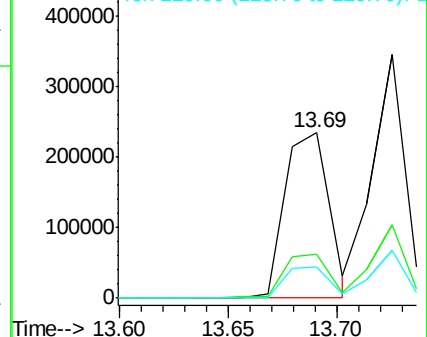
229 18.9 16.0 24.0

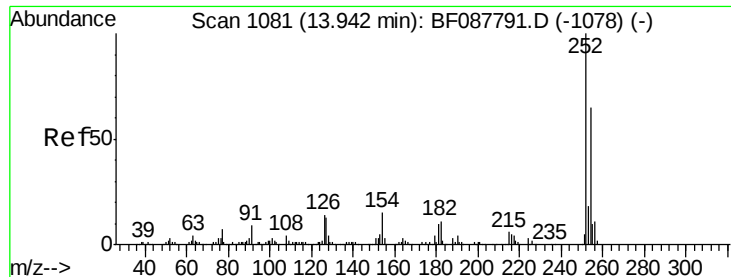


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

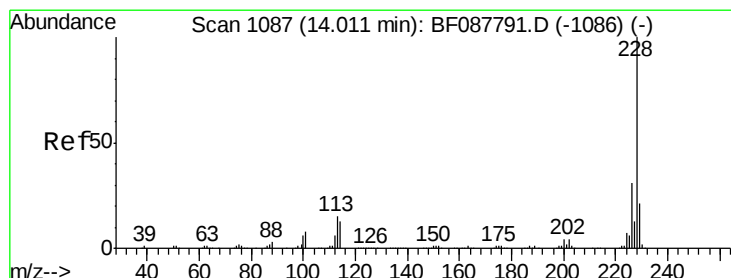
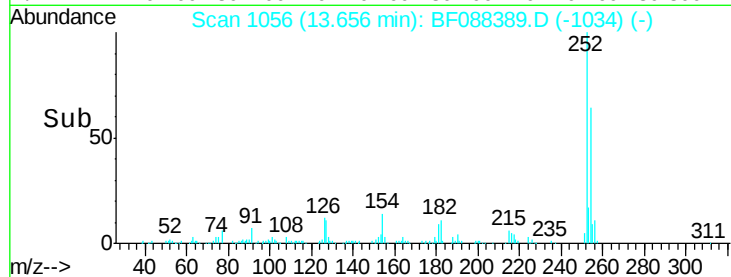
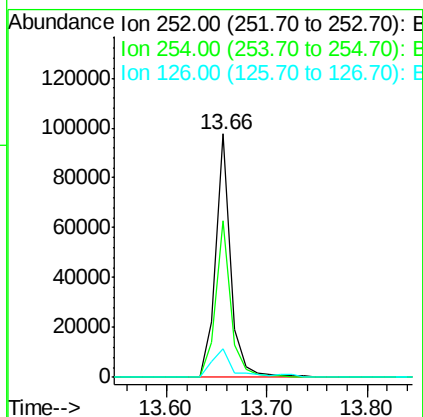
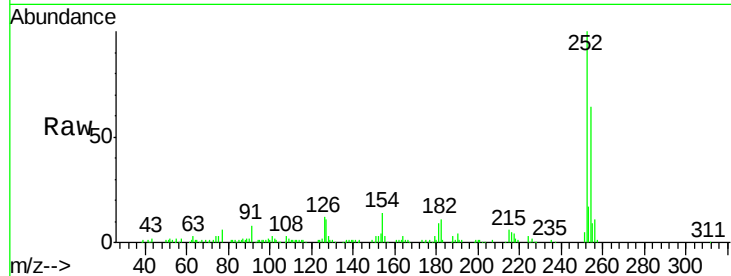




#81
 3,3'-Dichlorobenzidine
 Concen: 49.90 ng
 RT: 13.66 min Scan# 1056
 Delta R.T. -0.05 min
 Lab File: BF088389.D
 Acq: 25 Jun 2016 21:06

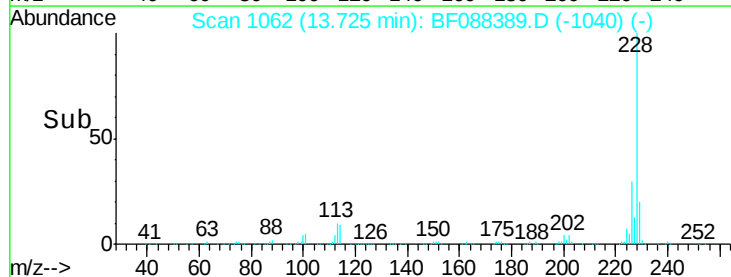
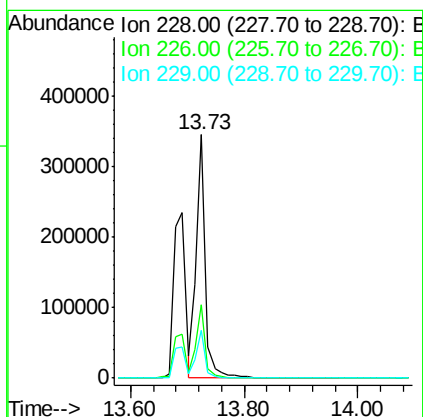
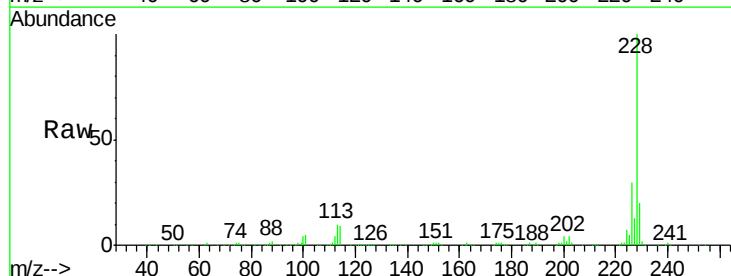
Instrument :
 BNA_F
 ClientSampleId :
 PB-B1(0-12)CMSD

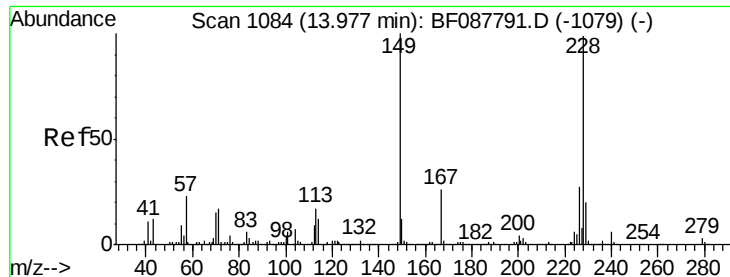
Tot Ion:252 Resp: 102187
 Ion Ratio Lower Upper
 252 100
 254 64.4 52.6 78.8
 126 11.7 6.2 9.2#



#82
 Chrysene
 Concen: 53.95 ng
 RT: 13.73 min Scan# 1062
 Delta R.T. -0.05 min
 Lab File: BF088389.D
 Acq: 25 Jun 2016 21:06

Tgt Ion:228 Resp: 386484
 Ion Ratio Lower Upper
 228 100
 226 30.3 25.4 38.2
 229 19.8 16.3 24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 53.47 ng

RT: 13.69 min Scan# 1059

Delta R.T. -0.05 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

Instrument :

BNA_F

ClientSampleId :

PB-B1(0-12)CMSD

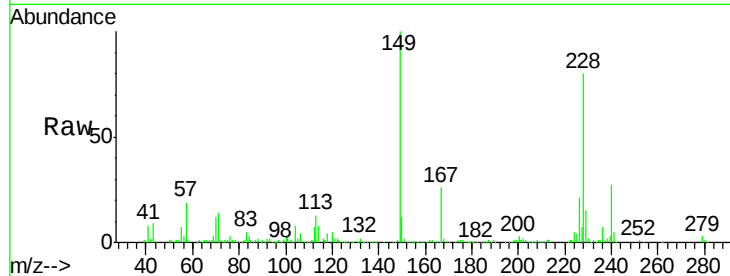
Tot Ion:149 Resp: 285344

Ion Ratio Lower Upper

149 100

167 26.1 20.5 30.7

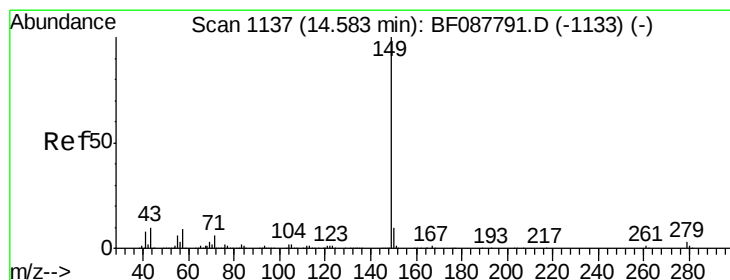
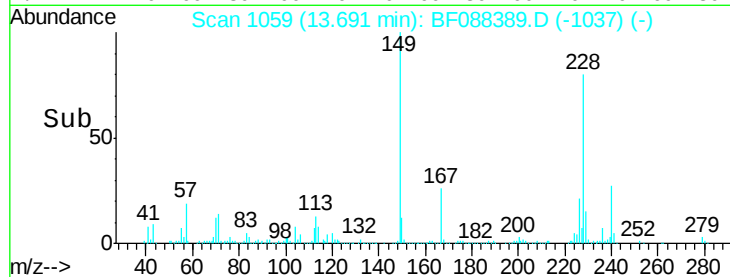
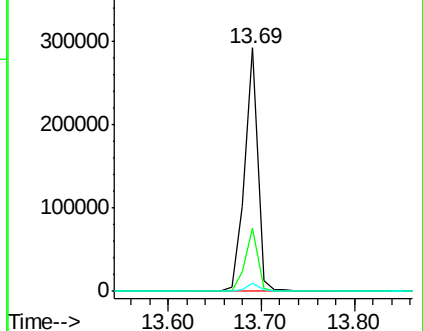
279 3.2 2.0 3.0#



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: 57.39 ng

RT: 14.30 min Scan# 1112

Delta R.T. -0.05 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

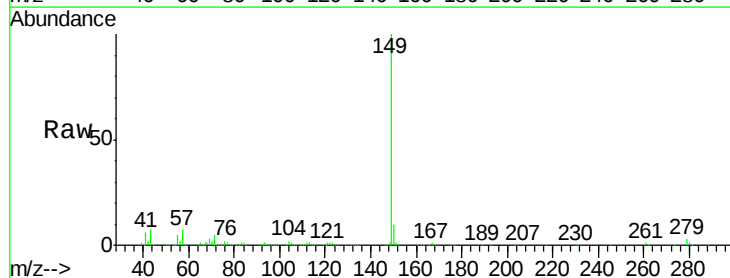
Tgt Ion:149 Resp: 497673

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

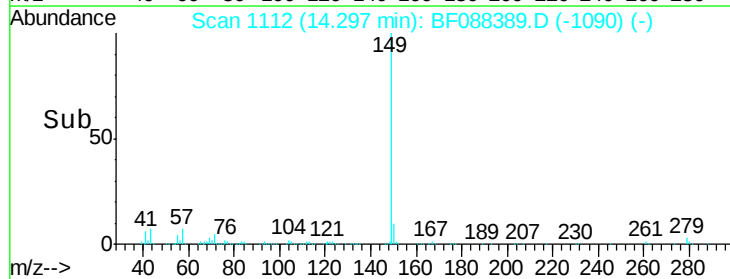
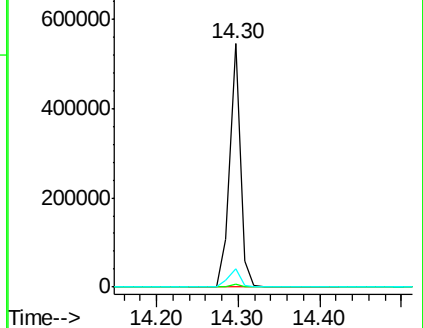
43 7.9 0.0 0.0#

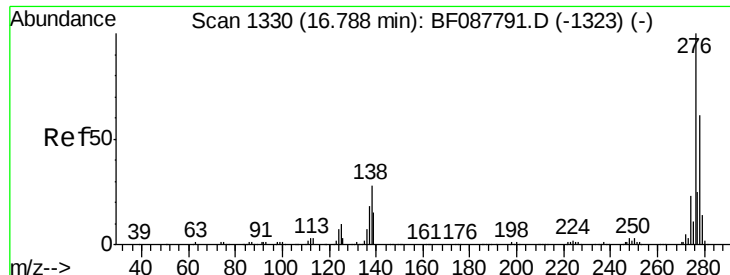


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

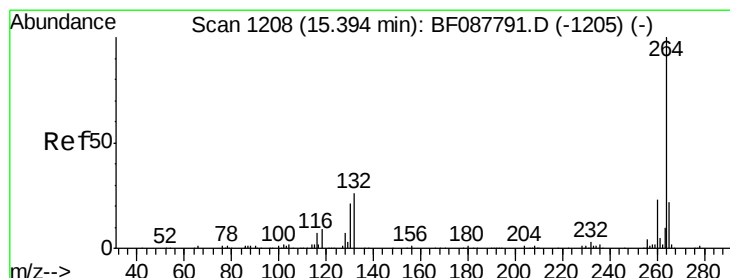
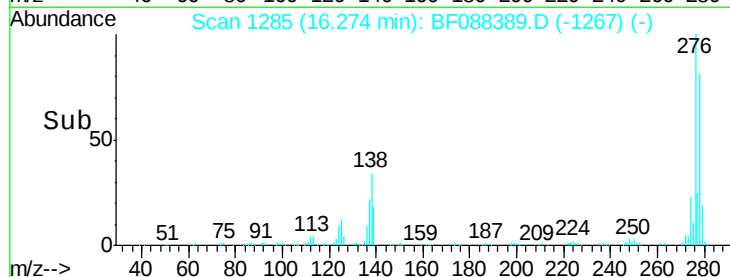
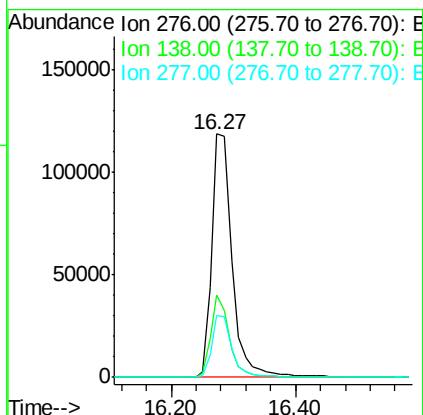
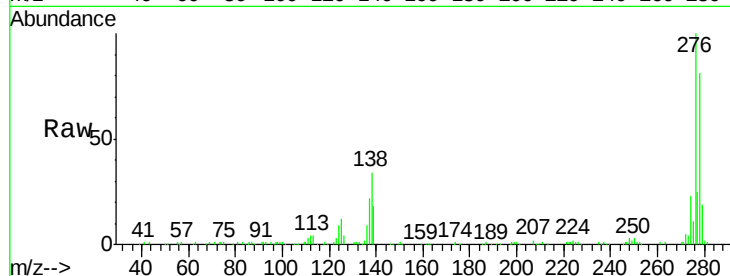




#85
Indeno(1,2,3-cd)pyrene
Concen: 40.22 ng
RT: 16.27 min Scan# 1285
Delta R.T. -0.09 min
Lab File: BF088389.D
Acq: 25 Jun 2016 21:06

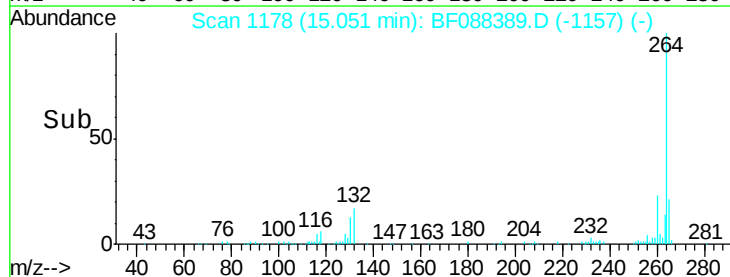
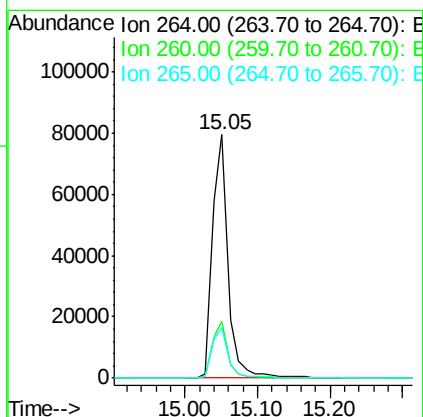
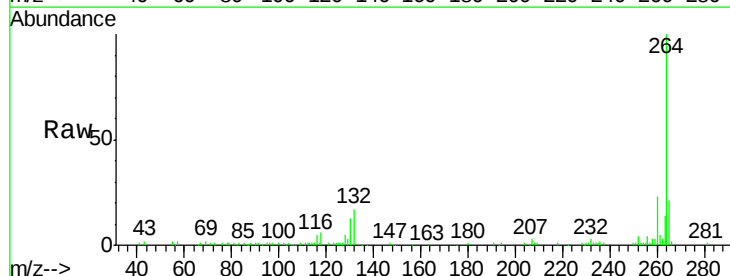
Instrument :
BNA_F
ClientSampleId :
PB-B1(0-12)CMSD

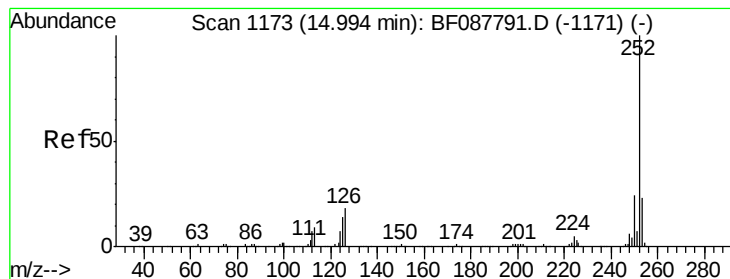
Tot Ion	Ratio	Lower	Upper
276	100		
138	31.0	0.0	0.0#
277	25.2	0.0	0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1178
Delta R.T. -0.06 min
Lab File: BF088389.D
Acq: 25 Jun 2016 21:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	20.6	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 36.74 ng m

RT: 14.69 min Scan# 1146

Delta R.T. -0.06 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

Instrument :

BNA_F

ClientSampleId :

PB-B1(0-12)CMSD

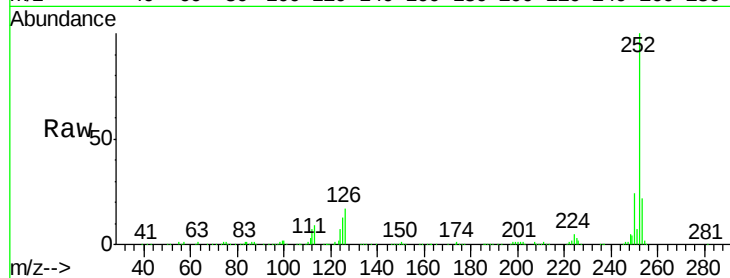
Tot Ion:252 Resp: 302731

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

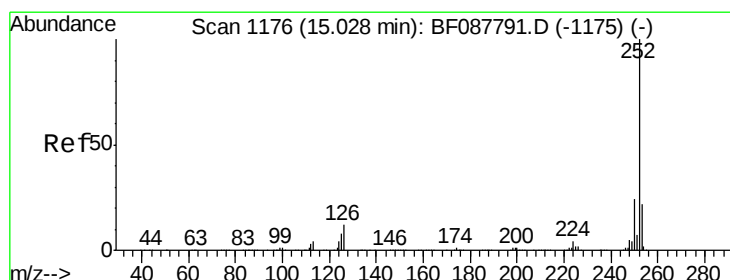
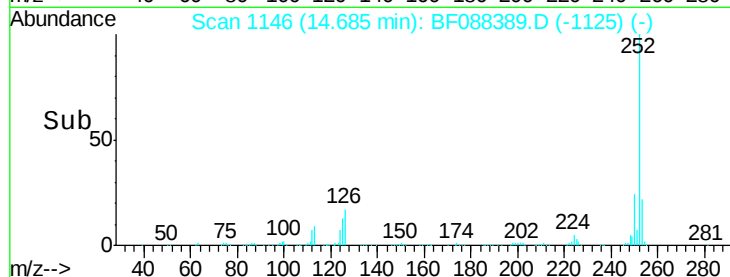
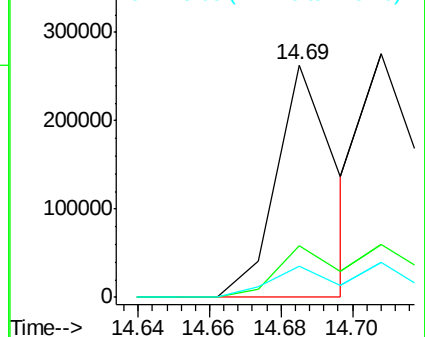
125 13.3 7.1 10.7#



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: 51.69 ng m

RT: 14.71 min Scan# 1148

Delta R.T. -0.06 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

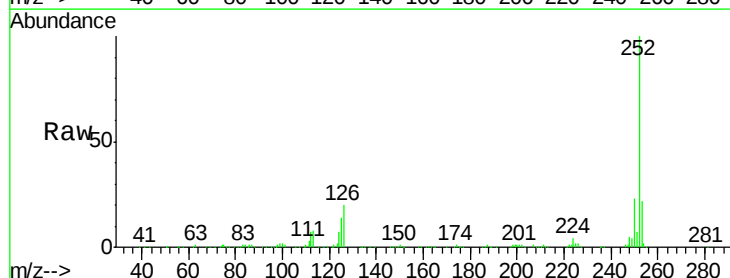
Tgt Ion:252 Resp: 321255

Ion Ratio Lower Upper

252 100

253 21.9 18.0 27.0

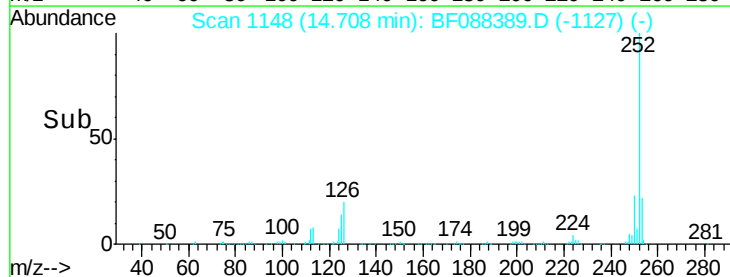
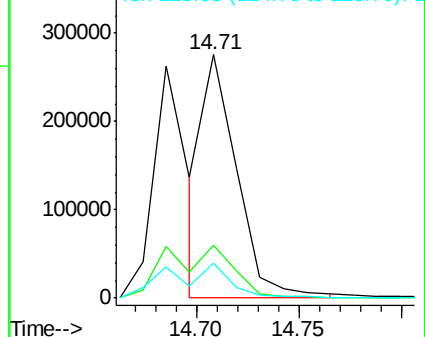
125 14.3 11.2 16.8

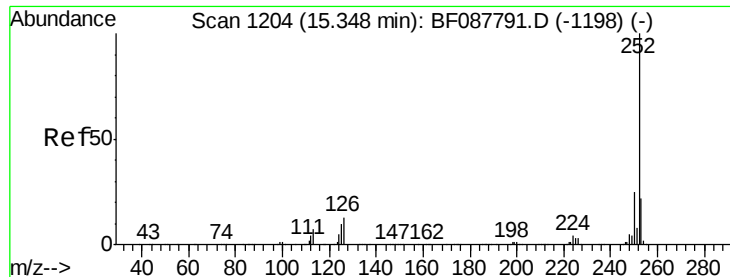


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

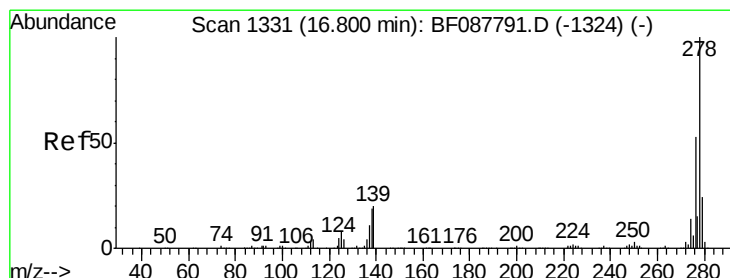
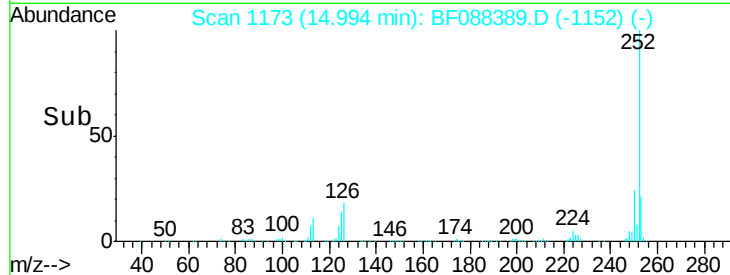
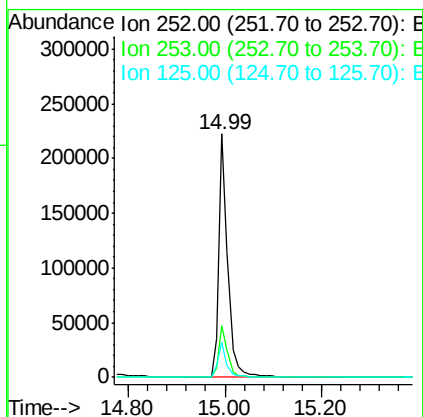
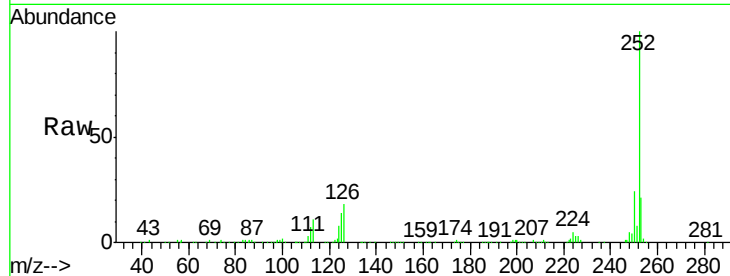




#89
Benzo(a)pyrene
Concen: 44.15 ng
RT: 14.99 min Scan# 1173
Delta R.T. -0.06 min
Lab File: BF088389.D
Acq: 25 Jun 2016 21:06

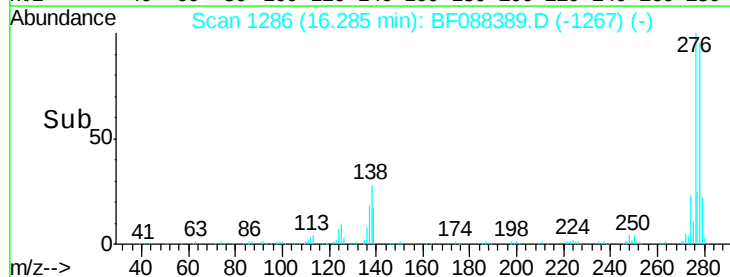
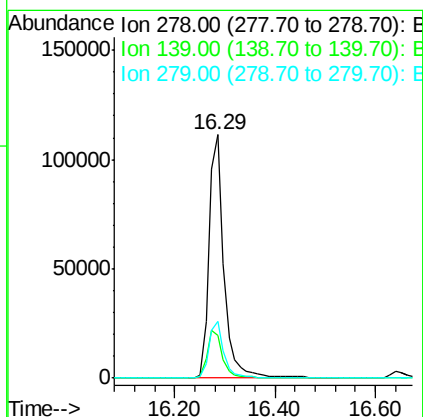
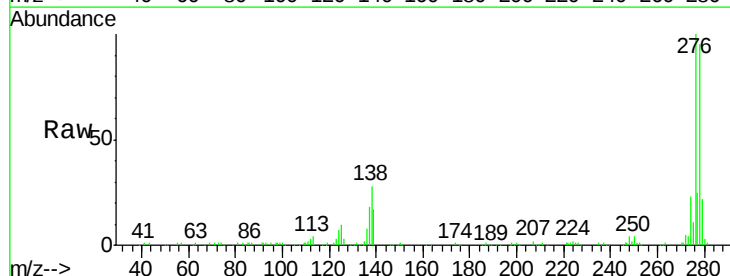
Instrument :
BNA_F
ClientSampleId :
PB-B1(0-12)CMSD

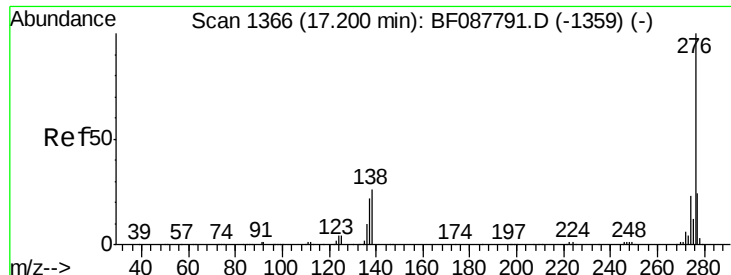
Tot Ion:252 Resp: 294274
Ion Ratio Lower Upper
252 100
253 21.3 17.9 26.9
125 14.4 12.5 18.7



#90
Dibenzo(a,h)anthracene
Concen: 37.05 ng
RT: 16.29 min Scan# 1286
Delta R.T. -0.08 min
Lab File: BF088389.D
Acq: 25 Jun 2016 21:06

Tgt Ion:278 Resp: 229389
Ion Ratio Lower Upper
278 100
139 17.6 15.7 23.5
279 23.3 19.4 29.2





#91

Benzo(a,h,i)perylene

Concen: 34.76 ng

RT: 16.64 min Scan# 1317

Delta R.T. -0.10 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

Instrument :

BNA_F

ClientSampleId :

PB-B1(0-12)CMSD

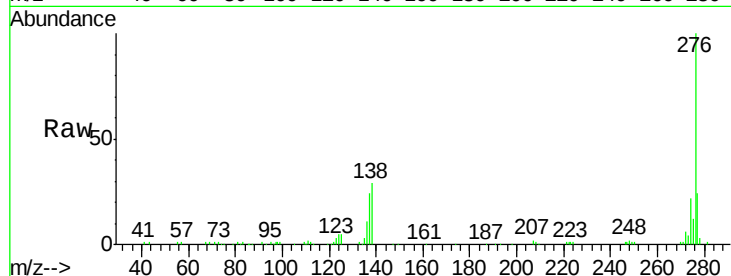
Tot Ion:276 Resp: 221378

Ion Ratio Lower Upper

276 100

277 23.6 18.9 28.3

138 28.7 21.4 32.2



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

