

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062116\
 Data File : BF088236.D
 Acq On : 22 Jun 2016 2:34
 Operator : UM/SJ
 Sample : PB91486BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91486BS

Quant Time: Jun 22 03:45:07 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 01:34:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	90079	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	360143	20.00	ng	0.00
38) Acenaphthene-d10	9.69	164	169440	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	303368	20.00	ng	0.00
75) Chrysene-d12	13.79	240	211795	20.00	ng	0.00
86) Perylene-d12	15.17	264	175200	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	656918	124.67	ng	0.01
7) Phenol-d6	6.31	99	772761	121.01	ng	0.00
23) Nitrobenzene-d5	7.22	82	457220	74.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	173131	96.77	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	853580	78.73	ng	0.00
78) Terphenyl-d14	12.75	244	798446	85.79	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.19	88	78144	30.52	ng	# 28
3) Pyridine	2.84	79	222728	36.84	ng	91
4) n-Nitrosodimethylamine	2.80	42	87846	34.31	ng	78
6) Aniline	6.32	93	186340	20.50	ng	# 28
8) 2-Chlorophenol	6.44	128	238780	38.29	ng	82
10) Phenol	6.33	94	238928	35.73	ng	96
11) bis(2-Chloroethyl)ether	6.40	93	235917	42.13	ng	85
12) 1,3-Dichlorobenzene	6.82	146	236606	35.36	ng	97
13) 1,4-Dichlorobenzene	6.67	146	251006	37.24	ng	96
14) 1,2-Dichlorobenzene	6.82	146	236879	38.64	ng	95
15) Benzyl Alcohol	6.81	79	168692	33.77	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.95	45	245984	32.52	ng	75
17) 2-Methylphenol	6.94	107	192862	38.13	ng	96
18) Hexachloroethane	7.15	117	88027	36.80	ng	# 83
19) n-Nitroso-di-n-propylamine	7.08	70	151882	37.18	ng	# 78
20) 3+4-Methylphenols	7.08	107	249434	42.27	ng	# 83
22) Acetophenone	7.07	105	324696	40.34	ng	97
24) Nitrobenzene	7.24	77	253380	42.41	ng	95
25) Isophorone	7.48	82	438548	38.39	ng	98
26) 2-Nitrophenol	7.56	139	137320	42.91	ng	# 74
27) 2,4-Dimethylphenol	7.61	122	225648	38.30	ng	94
28) bis(2-Chloroethoxy)methane	7.70	93	295335	41.68	ng	98
29) 2,4-Dichlorophenol	7.80	162	201850	41.03	ng	98
30) 1,2,4-Trichlorobenzene	7.88	180	208896	39.00	ng	99
31) Naphthalene	7.95	128	675805	37.92	ng	99
32) Benzoic acid	7.77	122	112202	34.58	ng	95
33) 4-Chloroaniline	8.02	127	118641	14.91	ng	# 91
34) Hexachlorobutadiene	8.08	225	109766	38.85	ng	99
35) Caprolactam	8.40	113	45165	27.72	ng	89
36) 4-Chloro-3-methylphenol	8.52	107	224255	42.62	ng	90
37) 2-Methylnaphthalene	8.65	142	472042	40.18	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	192402	42.97	ng	# 1
40) Hexachlorocyclopentadiene	8.80	237	113274	41.44	ng	99
42) 2,4,6-Trichlorophenol	8.94	196	124772	36.82	ng	97

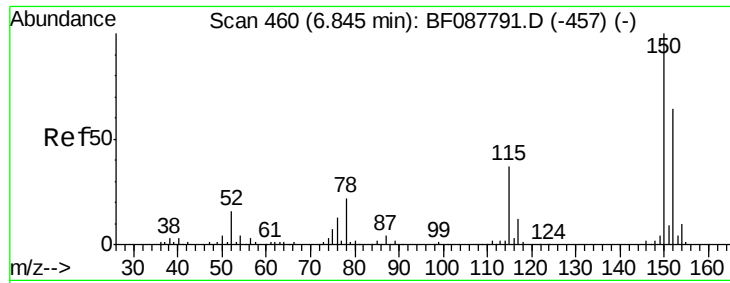
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062116\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.99	196	123118	34.92	ng	97
45) 1,1'-Biphenyl	9.12	154	572840	45.05	ng	97
46) 2-Chloronaphthalene	9.14	162	449532	41.00	ng	94
47) 2-Nitroaniline	9.24	65	126804	39.20	ng	# 85
48) Acenaphthylene	9.55	152	686237	39.35	ng	99
49) Dimethylphthalate	9.43	163	507068	41.31	ng	100
50) 2,6-Dinitrotoluene	9.48	165	110989	39.49	ng	# 60
51) Acenaphthene	9.72	154	412554	37.92	ng	99
52) 3-Nitroaniline	9.66	138	72792	22.44	ng	91
53) 2,4-Dinitrophenol	9.77	184	90734	62.57	ng	96
54) Dibenzofuran	9.90	168	562925	37.57	ng	92
55) 4-Nitrophenol	9.85	139	128289	50.96	ng	# 78
56) 2,4-Dinitrotoluene	9.90	165	137643	38.10	ng	# 58
57) Fluorene	10.24	166	470167	46.61	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.02	232	112161	40.49	ng	# 58
59) Diethylphthalate	10.12	149	495073	39.85	ng	99
60) 4-Chlorophenyl-phenylether	10.23	204	184138	36.95	ng	93
61) 4-Nitroaniline	10.27	138	112348	36.52	ng	99
62) Azobenzene	10.39	77	484908	39.47	ng	96
64) 4,6-Dinitro-2-methylphenol	10.31	198	75446	40.20	ng	# 68
65) n-Nitrosodiphenylamine	10.35	169	406230	40.36	ng	99
66) 4-Bromophenyl-phenylether	10.72	248	135212	41.55	ng	100
67) Hexachlorobenzene	10.78	284	131796	38.97	ng	94
68) Atrazine	10.89	200	135772	44.54	ng	97
69) Pentachlorophenol	10.98	266	102010	57.23	ng	97
70) Phenanthrene	11.19	178	651829	40.95	ng	100
71) Anthracene	11.24	178	683189	42.55	ng	99
72) Carbazole	11.40	167	656182	43.67	ng	100
73) Di-n-butylphthalate	11.74	149	753160	39.59	ng	99
74) Fluoranthene	12.38	202	697097	41.49	ng	95
76) Benzidine	12.50	184	261751	44.63	ng	98
77) Pyrene	12.59	202	687575	43.75	ng	99
79) Butylbenzylphthalate	13.22	149	313596	45.13	ng	86
80) Benzo(a)anthracene	13.78	228	483812	40.09	ng	99
81) 3,3'-Dichlorobenzidine	13.75	252	103683	31.94	ng	# 95
82) Chrysene	13.82	228	519159	45.72	ng	99
83) Bis(2-ethylhexyl)phthalate	13.78	149	372254	44.01	ng	99
84) Di-n-octyl phthalate	14.39	149	656477	47.76	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.45	276	438612	41.58	ng	# 100
87) Benzo(b)fluoranthene	14.79	252	866767	70.98	ng	# 95
88) Benzo(k)fluoranthene	14.79	252	867017	94.12	ng	100
89) Benzo(a)pyrene	15.11	252	405682	41.06	ng	99
90) Dibenzo(a,h)anthracene	16.46	278	368104	40.12	ng	98
91) Benzo(g,h,i)perylene	16.83	276	391854	41.51	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 443

Delta R.T. 0.00 min

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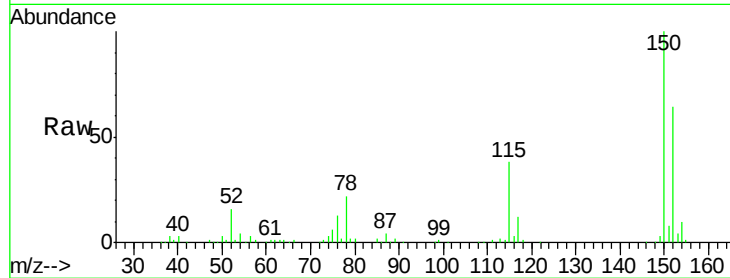
Tgt Ion:152 Resp: 90079

Ion Ratio Lower Upper

152 100

150 156.7 123.8 185.6

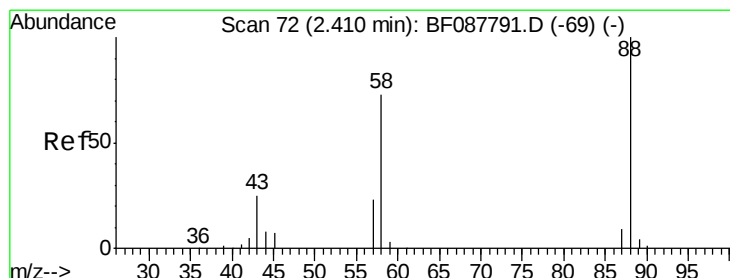
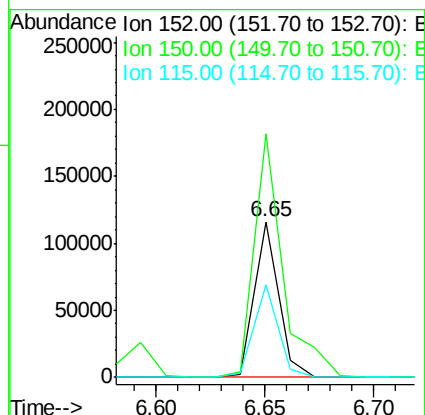
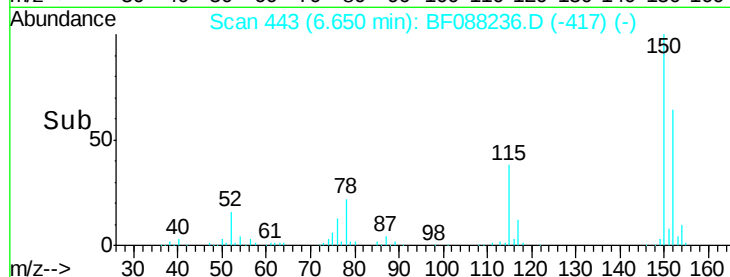
115 59.4 39.6 59.4#



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: 30.52 ng

RT: 2.19 min Scan# 53

Delta R.T. 0.09 min

Lab File: BF088236.D

Acq: 22 Jun 2016 2:34

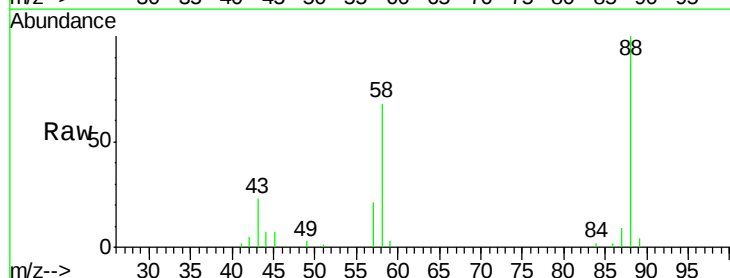
Tgt Ion: 88 Resp: 78144

Ion Ratio Lower Upper

88 100

58 75.1 0.0 0.0#

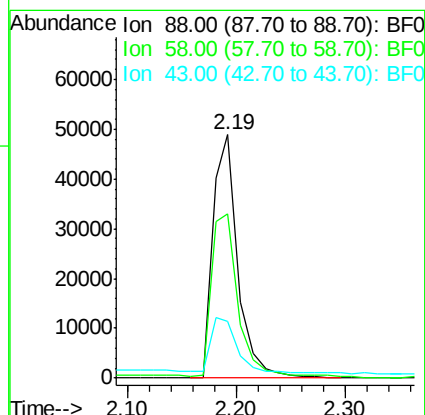
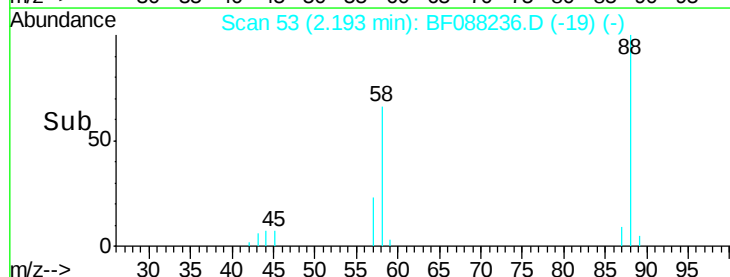
43 28.0 3.4 5.2#

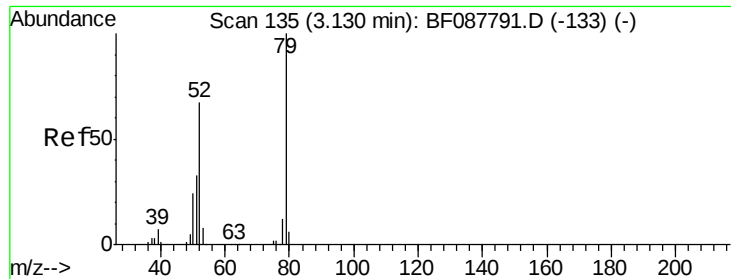


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

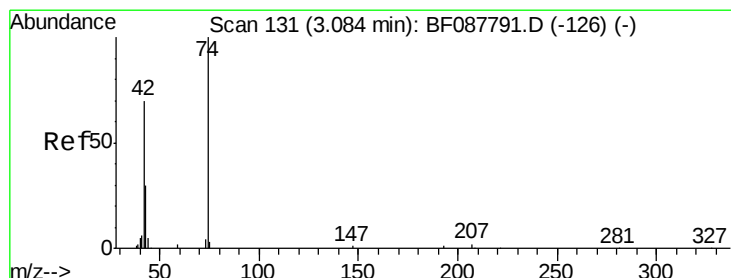
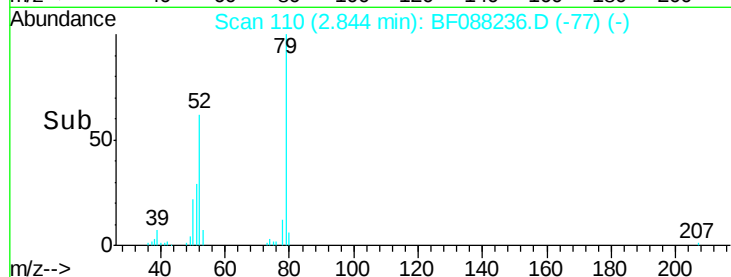
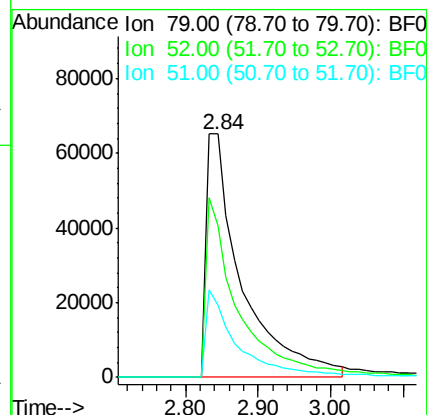
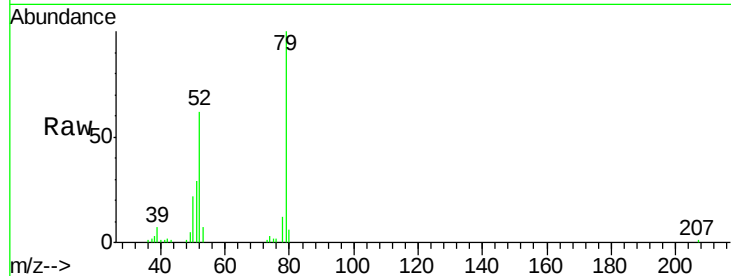




#3
 Pyridine
 Concen: 36.84 ng
 RT: 2.84 min Scan# 110
 Delta R.T. 0.08 min
 Lab File: BF088236.D
 Acq: 22 Jun 2016 2:34

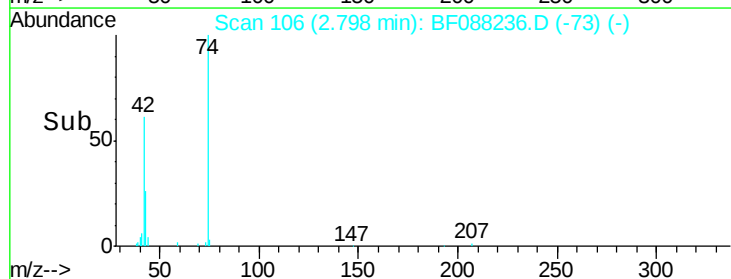
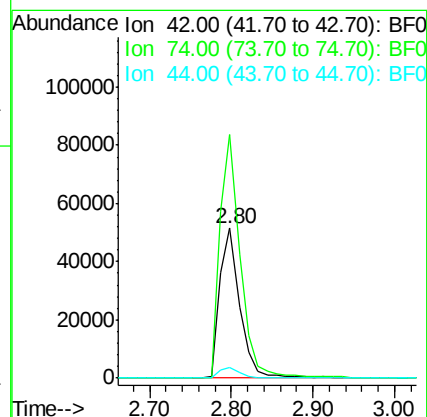
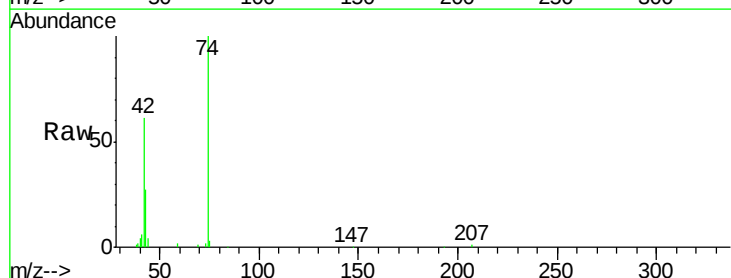
Instrument :
 BNA_F
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 PB91486BS

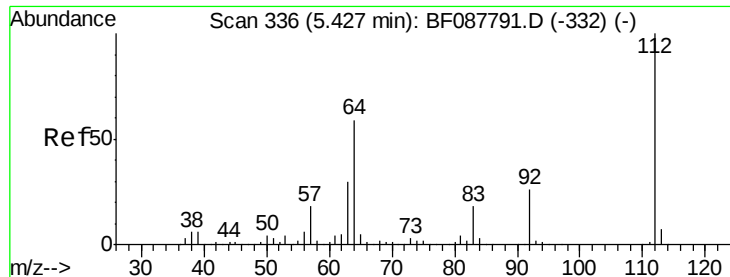
Tgt Ion: 79 Resp: 222728
 Ion Ratio Lower Upper
 79 100
 52 62.2 56.3 84.5
 51 29.4 27.4 41.2



#4
 n-Nitrosodimethylamine
 Concen: 34.31 ng
 RT: 2.80 min Scan# 106
 Delta R.T. 0.08 min
 Lab File: BF088236.D
 Acq: 22 Jun 2016 2:34

Tgt Ion: 42 Resp: 87846
 Ion Ratio Lower Upper
 42 100
 74 162.8 108.6 163.0
 44 7.0 5.5 8.3





#5

2-Fluorophenol

Concen: 124.67 ng

RT: 5.26 min Scan# 321

Delta R.T. 0.01 min

Lab File: BF088236.D

Acq: 22 Jun 2016 2:34

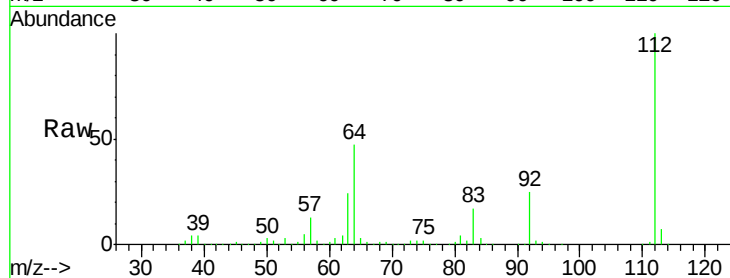
Instrument :

BNA_F

ClientSampleId :

PB91486BS

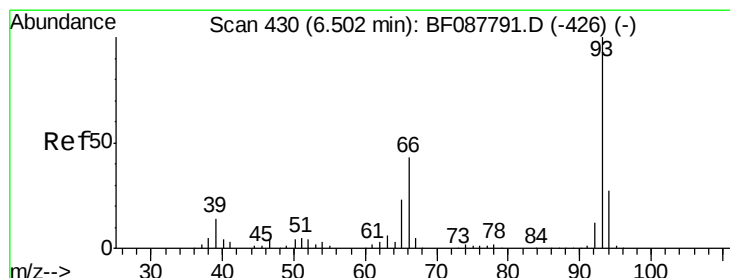
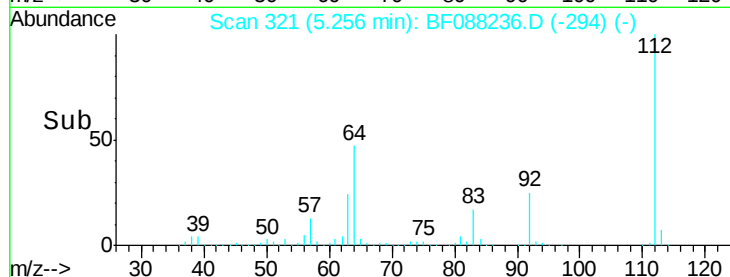
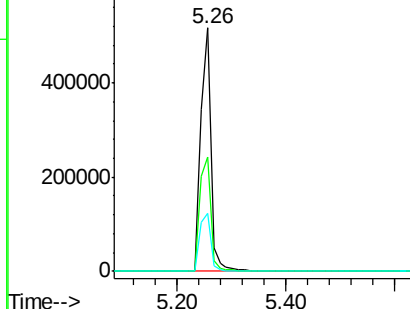
Tgt Ion:	112	Resp:	656918
Ion	Ratio	Lower	Upper
112	100		
64	47.1	42.2	63.2
63	24.1	21.8	32.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 20.50 ng

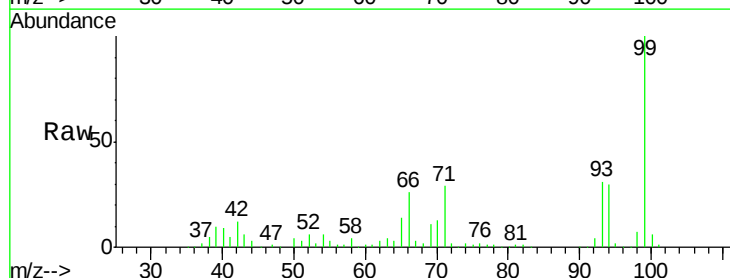
RT: 6.32 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF088236.D

Acq: 22 Jun 2016 2:34

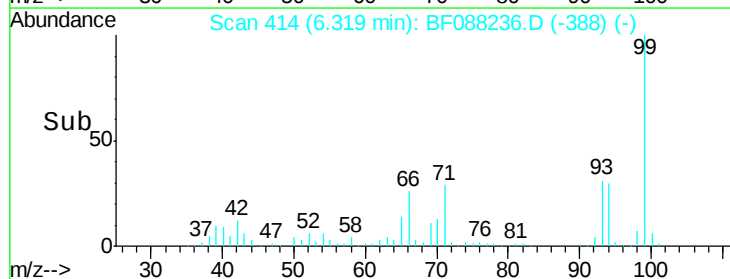
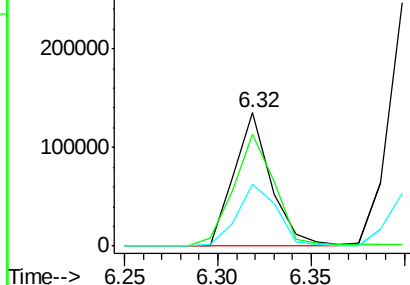
Tgt Ion:	93	Resp:	186340
Ion	Ratio	Lower	Upper
93	100		
66	83.7	29.8	44.8#
65	46.2	14.9	22.3#



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: 121.01 ng

RT: 6.31 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF088236.D

Acq: 22 Jun 2016 2:34

Instrument :

BNA_F

ClientSampleId :

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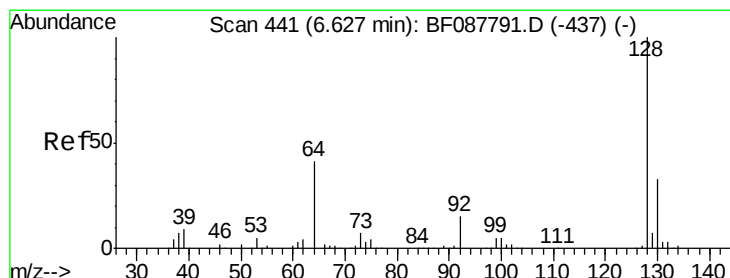
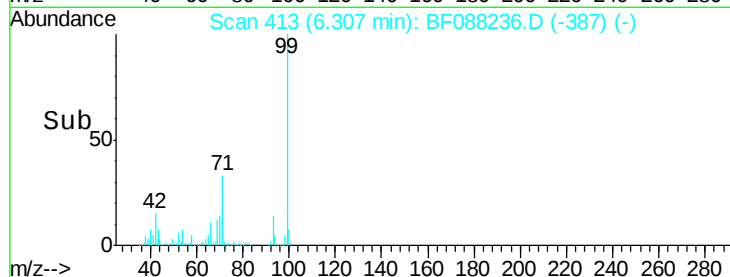
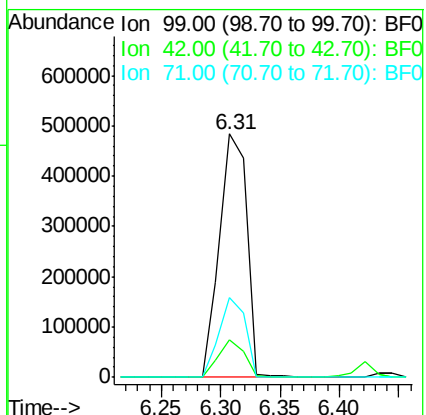
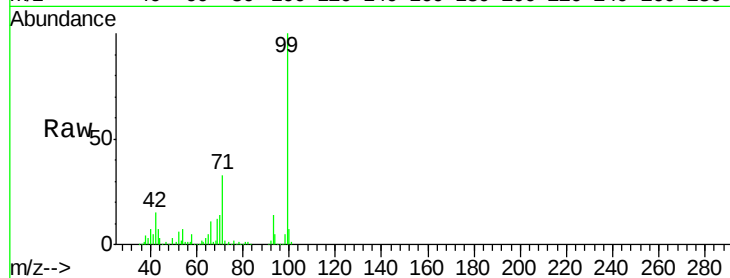
Tgt Ion: 99 Resp: 772761

Ion Ratio Lower Upper

99 100

42 15.2 12.2 18.2

71 32.7 23.4 35.0



#8

2-Chlorophenol

Concen: 38.29 ng

RT: 6.44 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF088236.D

Acq: 22 Jun 2016 2:34

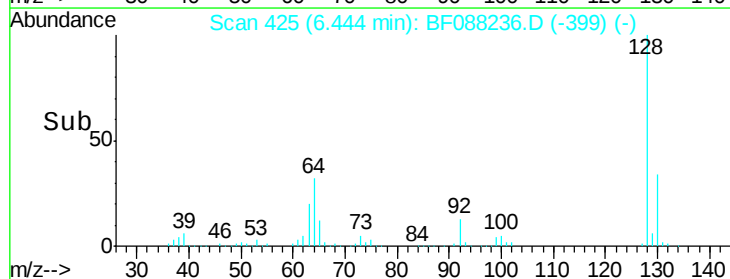
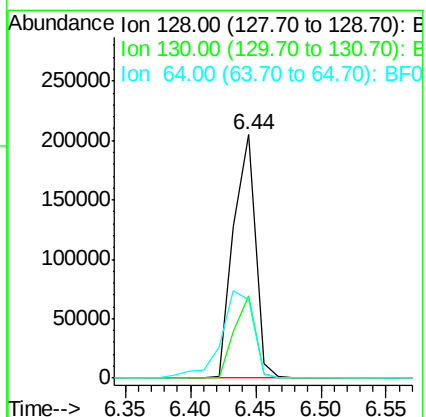
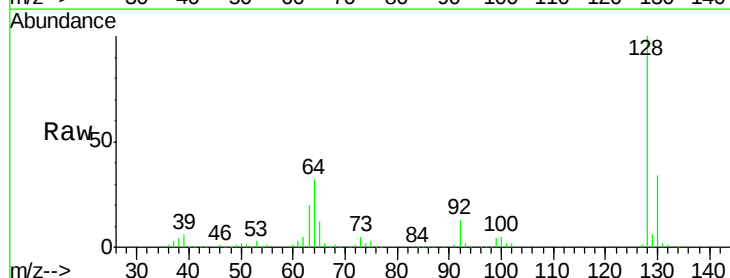
Tgt Ion: 128 Resp: 238780

Ion Ratio Lower Upper

128 100

130 33.9 12.0 52.0

64 32.4 30.8 70.8





#10

Phenol

Concen: 35.73 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.01 min

Lab File: BF088236.D

Acq: 22 Jun 2016 2:34

Instrument :

BNA_F

ClientSampleId :

PB91486BS

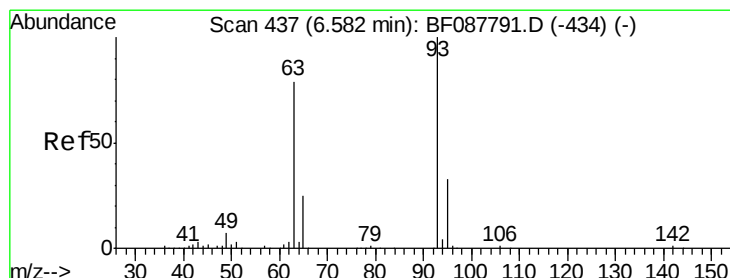
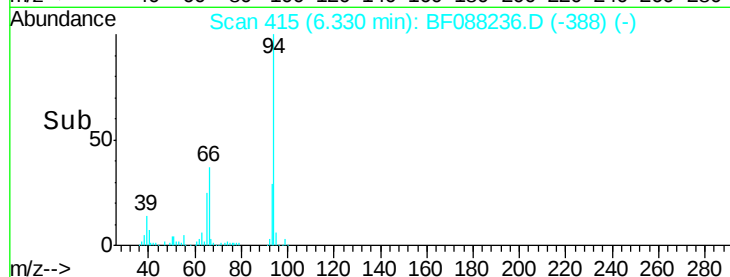
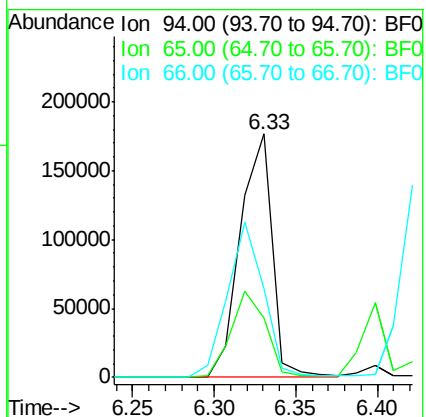
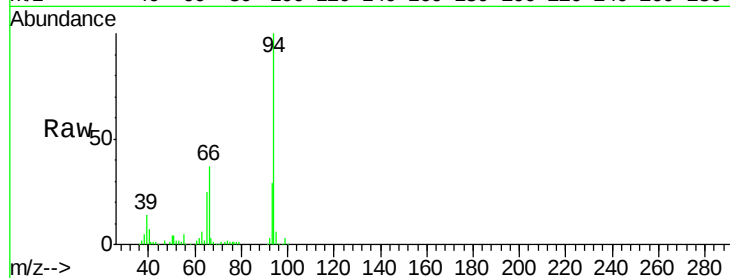
Tgt Ion: 94 Resp: 238928

Ion Ratio Lower Upper

94 100

65 24.5 5.9 45.9

66 36.7 14.0 54.0



#11

bis(2-Chloroethyl)ether

Concen: 42.13 ng

RT: 6.40 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF088236.D

Acq: 22 Jun 2016 2:34

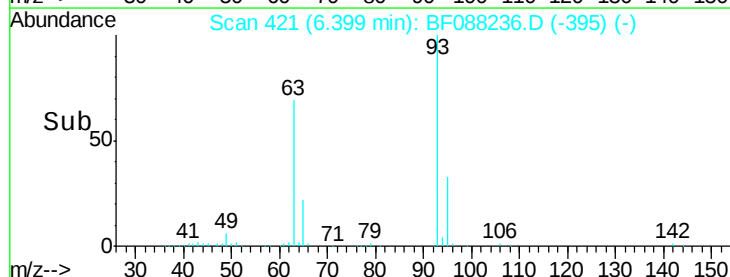
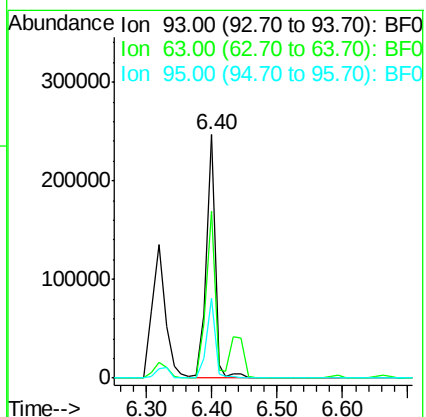
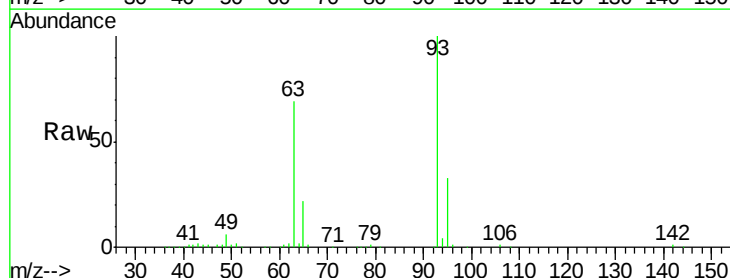
Tgt Ion: 93 Resp: 235917

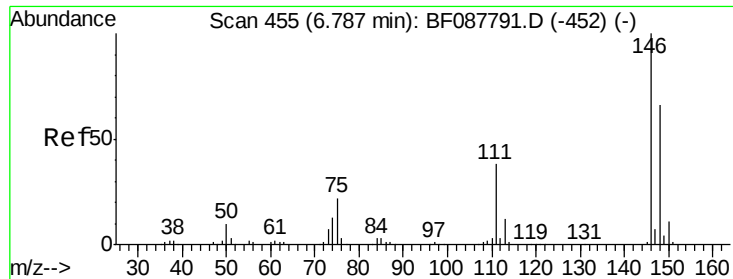
Ion Ratio Lower Upper

93 100

63 68.5 67.6 107.6

95 32.8 12.5 52.5





#12

1,3-Dichlorobenzene

Concen: 35.36 ng

RT: 6.82 min Scan# 458

Delta R.T. 0.23 min

Lab File: BF088236.D

Acq: 22 Jun 2016 2:34

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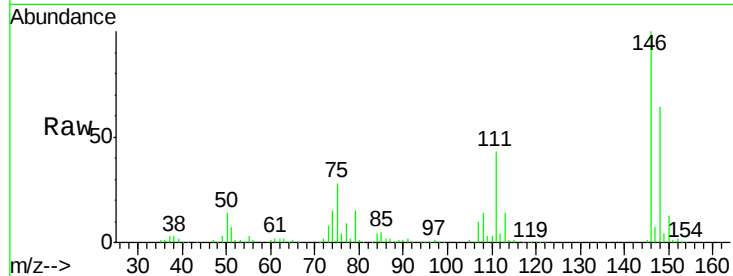
Tgt Ion:146 Resp: 236606

Ion Ratio Lower Upper

146 100

148 64.1 50.9 76.3

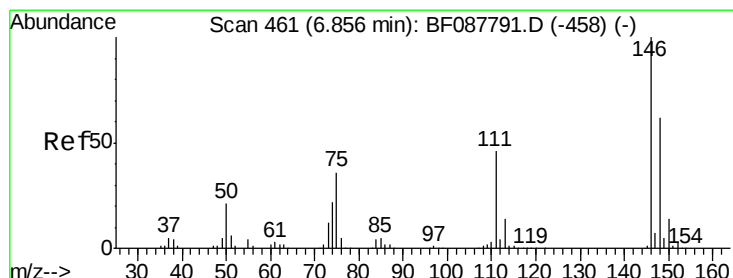
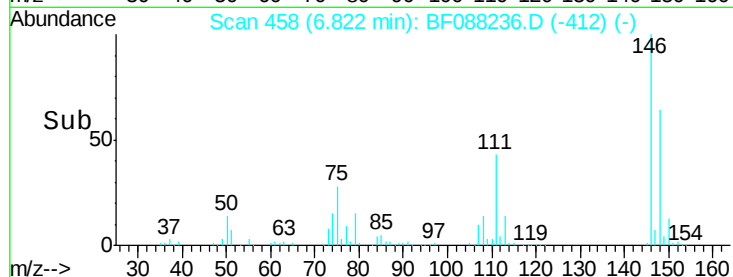
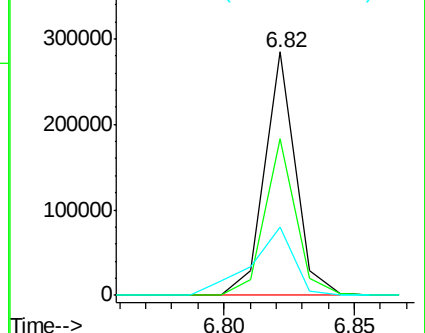
75 27.8 25.6 38.4



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: 37.24 ng

RT: 6.67 min Scan# 445

Delta R.T. 0.00 min

Lab File: BF088236.D

Acq: 22 Jun 2016 2:34

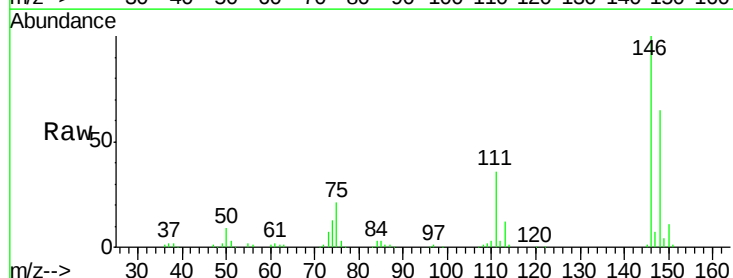
Tgt Ion:146 Resp: 251006

Ion Ratio Lower Upper

146 100

148 65.4 52.0 78.0

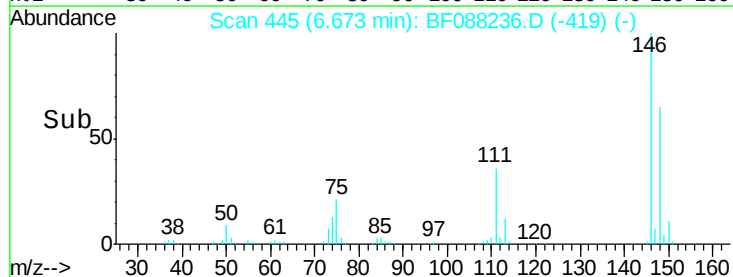
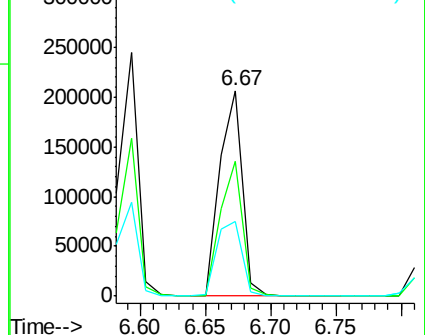
111 36.3 33.8 50.8



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: 38.64 ng

RT: 6.82 min Scan# 458

Delta R.T. 0.00 min

Lab File: BF088236.D

Acq: 22 Jun 2016 2:34

Instrument :

BNA_F

ClientSampleId :

PB91486BS

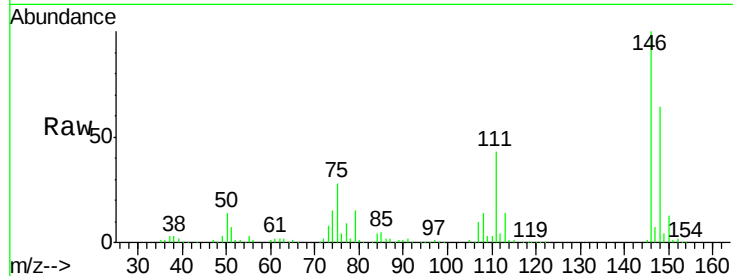
Tgt Ion:146 Resp: 236879

Ion Ratio Lower Upper

146 100

148 64.1 52.3 78.5

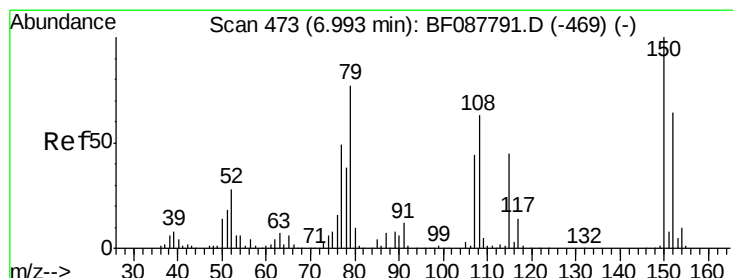
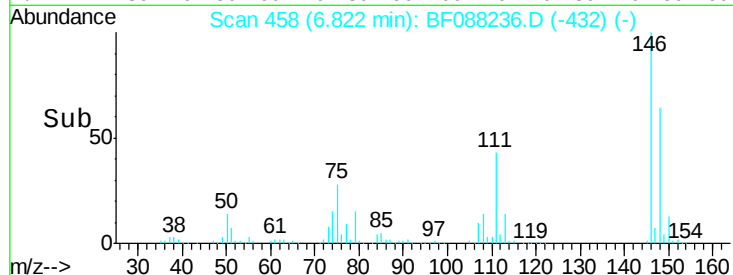
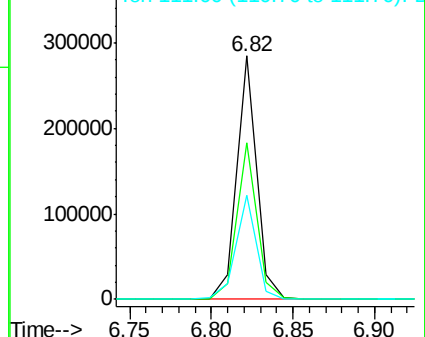
111 42.7 28.7 43.1



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: 33.77 ng

RT: 6.81 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF088236.D

Acq: 22 Jun 2016 2:34

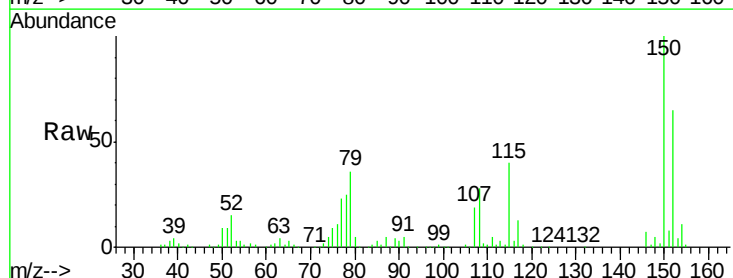
Tgt Ion: 79 Resp: 168692

Ion Ratio Lower Upper

79 100

108 78.2 65.0 97.6

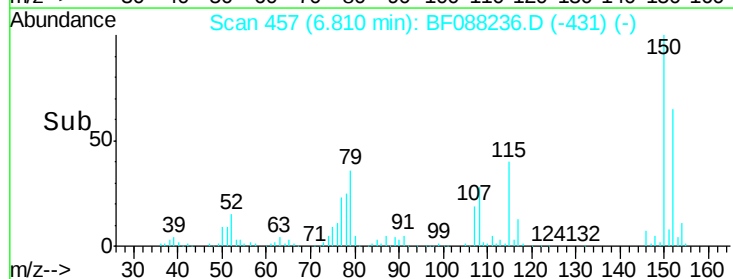
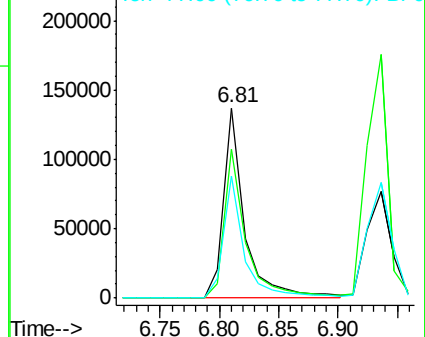
77 64.2 50.3 75.5

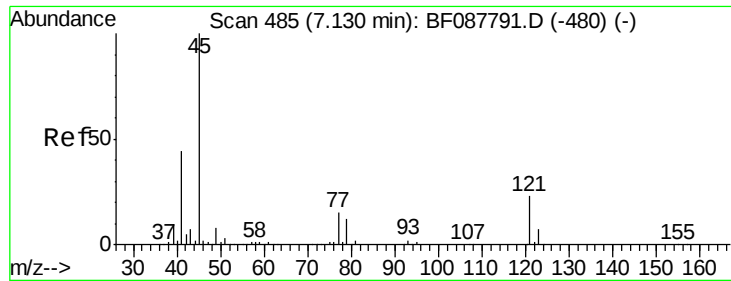


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0





#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.52 ng

RT: 6.95 min Scan# 469

Delta R.T. 0.00 min

Lab File: BF088236.D

Acq: 22 Jun 2016 2:34

Instrument :

BNA_F

ClientSampleId :

PB91486BS

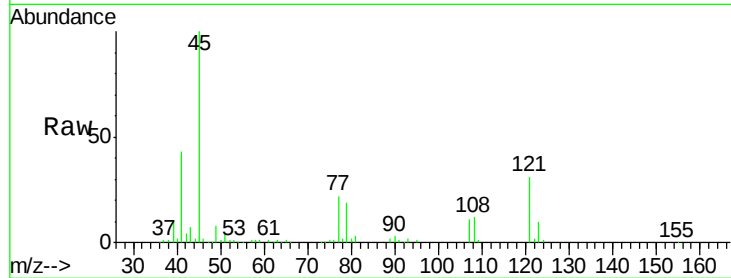
Tgt Ion: 45 Resp: 245984

Ion Ratio Lower Upper

45 100

77 22.1 0.0 32.5

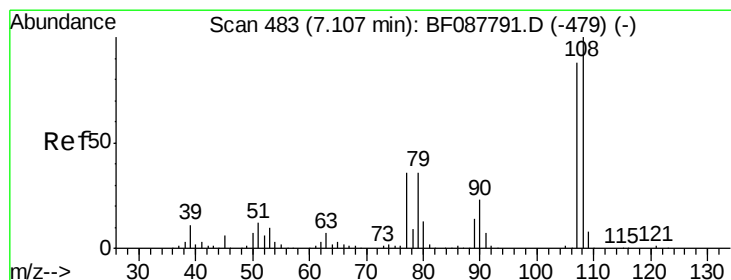
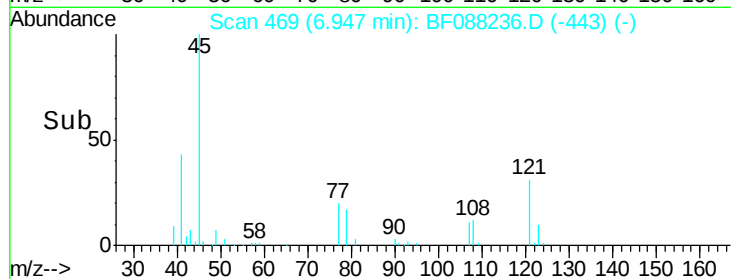
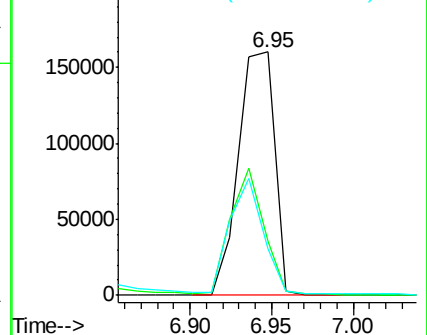
79 18.9 0.0 29.5



Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#17

2-Methylphenol

Concen: 38.13 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.00 min

Lab File: BF088236.D

Acq: 22 Jun 2016 2:34

Tgt Ion: 107 Resp: 192862

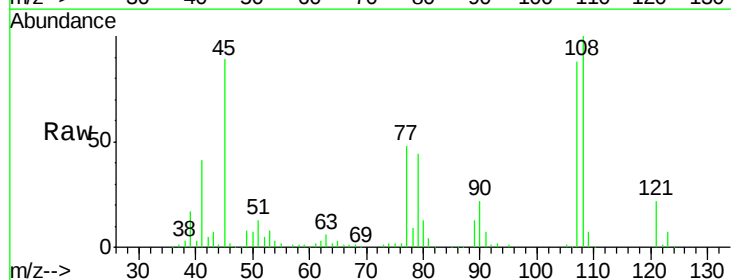
Ion Ratio Lower Upper

107 100

108 113.3 90.9 136.3

77 53.9 36.6 55.0

79 49.5 36.5 54.7

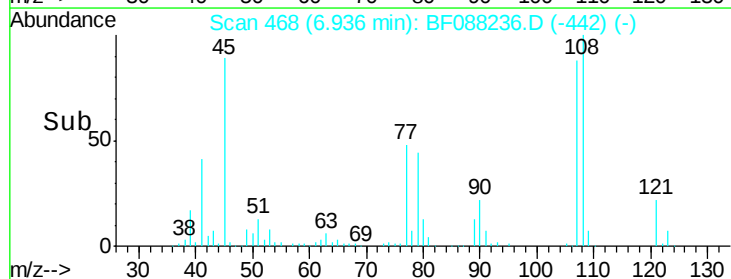
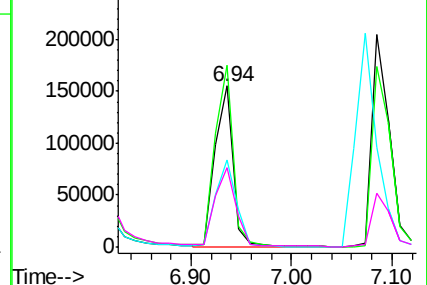


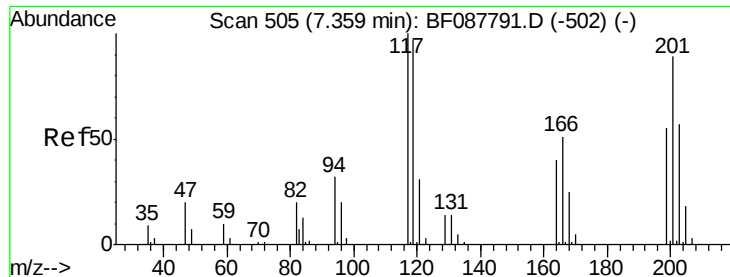
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

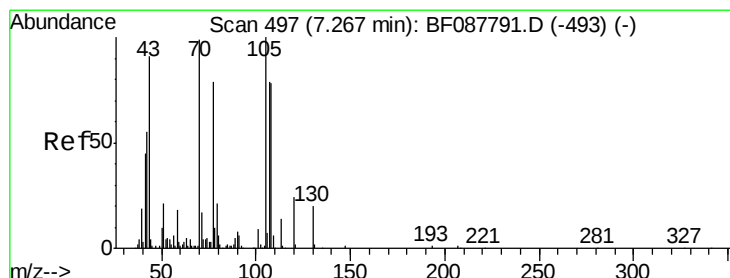
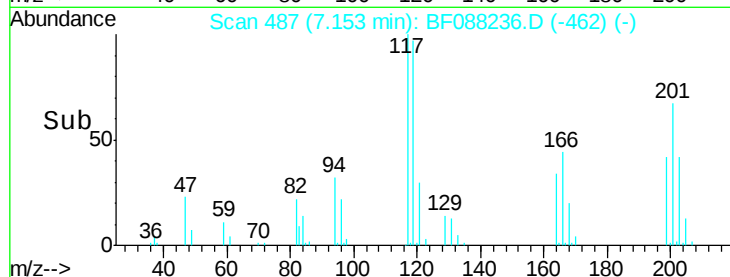
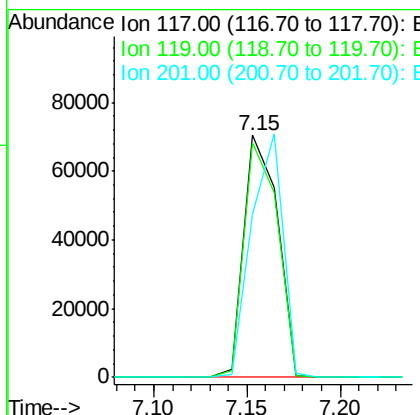
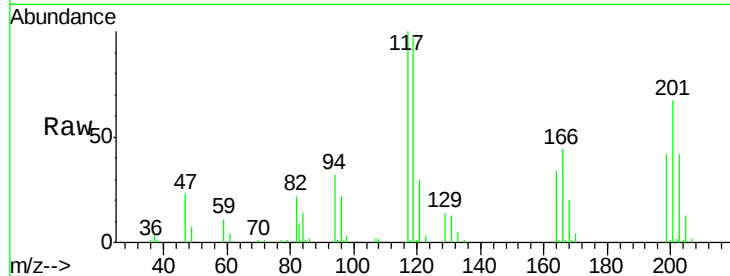




#18
Hexachloroethane
Concen: 36.80 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.01 min
Lab File: BF088236.D
Acq: 22 Jun 2016 2:34

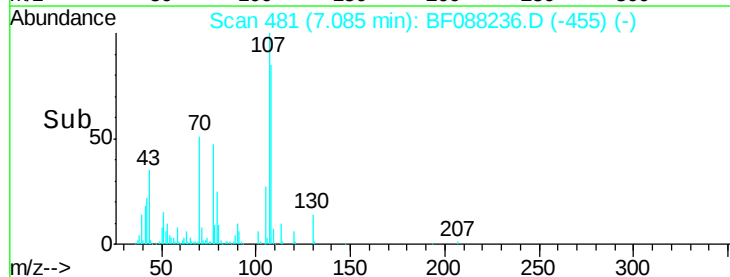
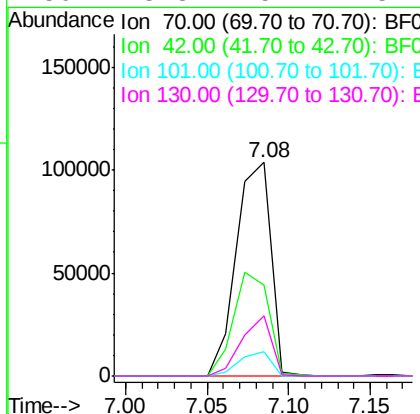
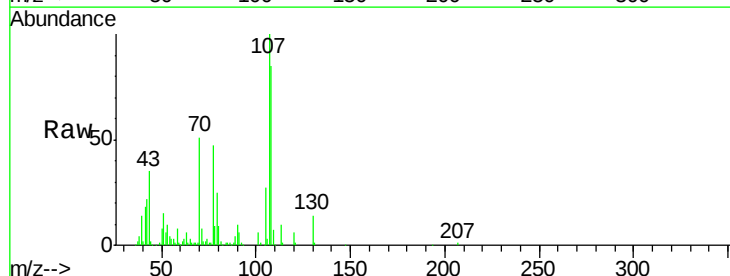
Instrument :
BNA_F
ClientSampleId :
PB91486BS

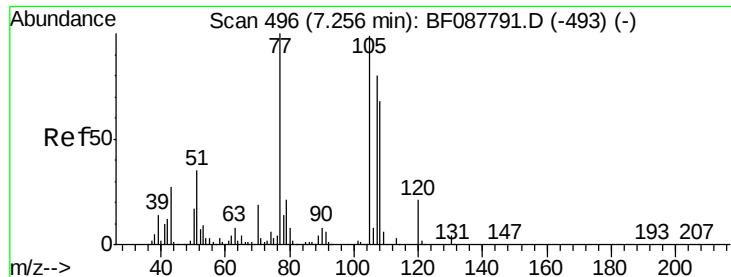
Tgt Ion: 117 Resp: 88027
Ion Ratio Lower Upper
117 100
119 96.9 77.4 116.2
201 67.4 80.4 120.6#



#19
n-Nitroso-di-n-propylamine
Concen: 37.18 ng
RT: 7.08 min Scan# 481
Delta R.T. 0.00 min
Lab File: BF088236.D
Acq: 22 Jun 2016 2:34

Tgt Ion: 70 Resp: 151882
Ion Ratio Lower Upper
70 100
42 42.4 49.6 74.4#
101 11.3 7.1 10.7#
130 28.3 15.4 23.2#

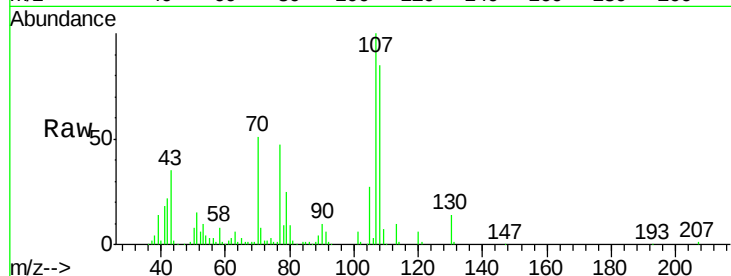




#20
3+4-Methylphenols
Concen: 42.27 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.01 min
Lab File: BF088236.D
Acq: 22 Jun 2016 2:34

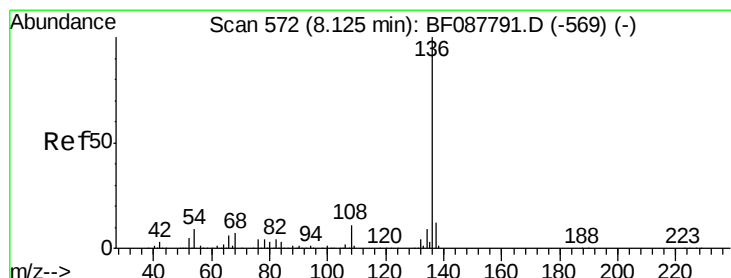
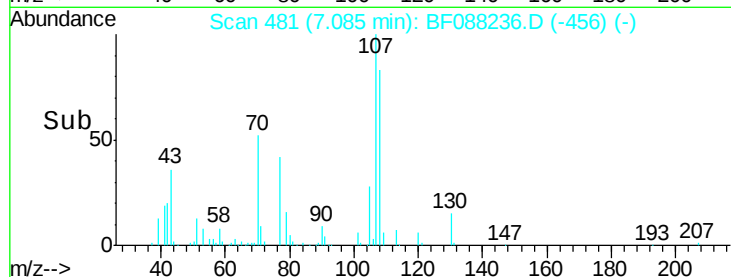
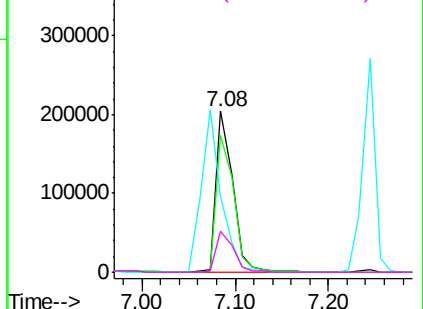
Instrument :
BNA_F
ClientSampleId :
PB91486BS

Tgt Ion:107 Resp: 249434
Ion Ratio Lower Upper
107 100
108 85.2 67.8 107.8
77 47.3 59.3 99.3#
79 25.1 7.0 47.0



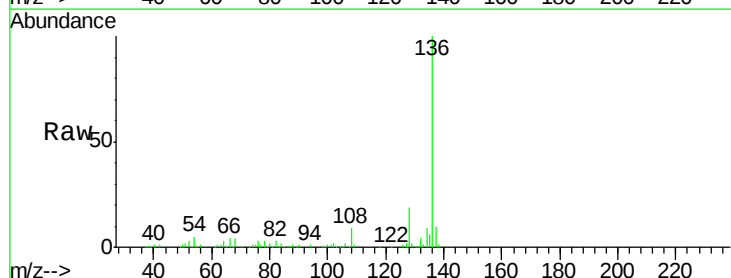
Abundance

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



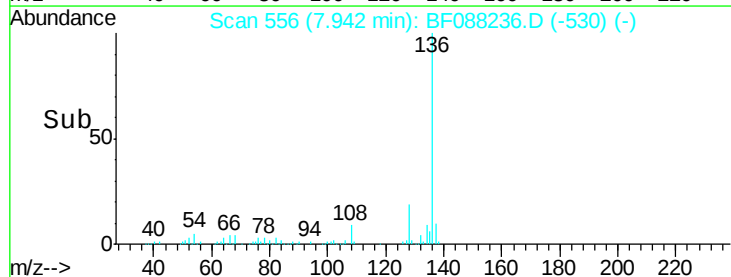
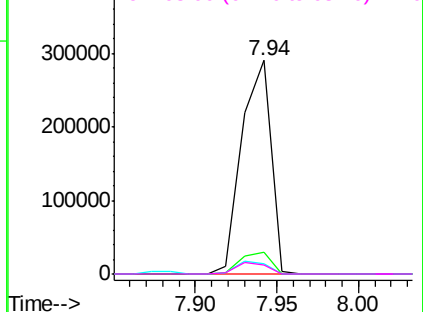
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF088236.D
Acq: 22 Jun 2016 2:34

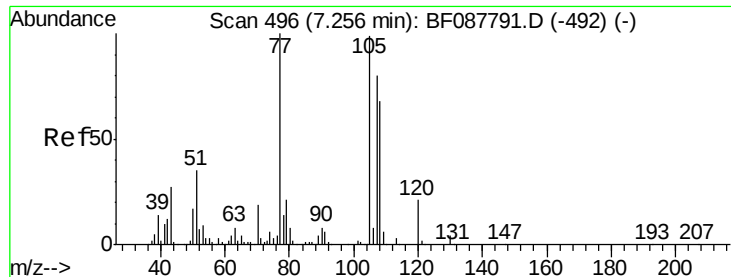
Tgt Ion:136 Resp: 360143
Ion Ratio Lower Upper
136 100
137 10.4 9.1 13.7
54 4.9 6.6 10.0#
68 4.5 5.1 7.7#



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

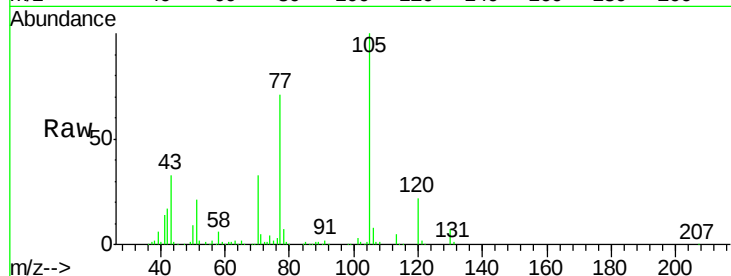




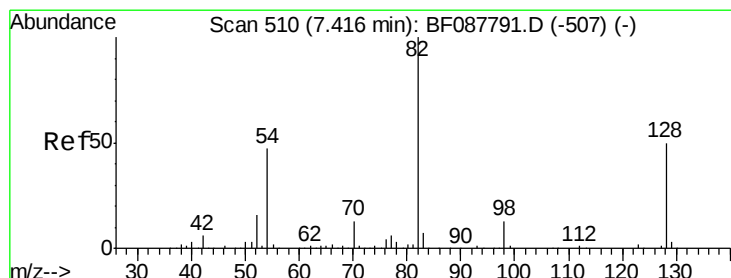
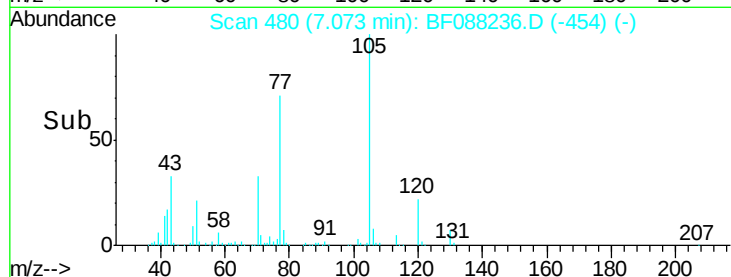
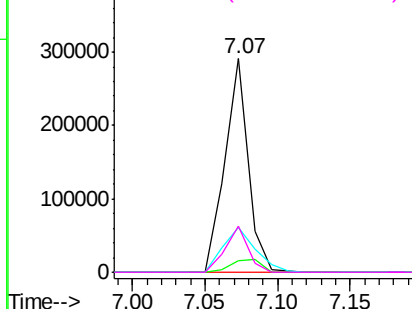
#22
Acetophenone
Concen: 40.34 ng
RT: 7.07 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF088236.D
Acq: 22 Jun 2016 2:34

Instrument :
BNA_F
ClientSampleId :
PB91486BS

Tgt Ion: 105 Resp: 324696
Ion Ratio Lower Upper
105 100
71 5.5 5.3 7.9
51 21.0 18.2 27.4
120 21.8 18.0 27.0

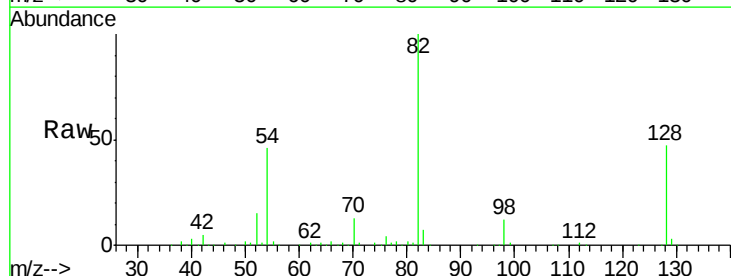


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

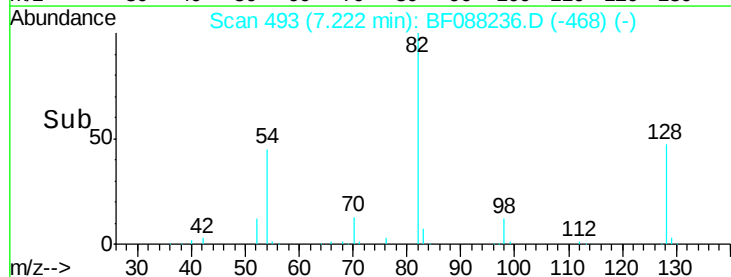
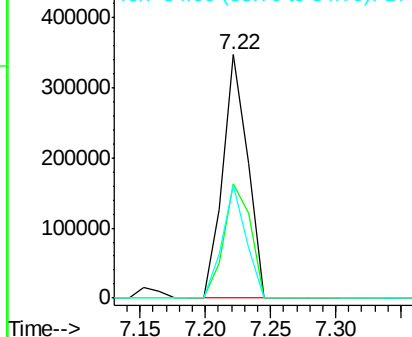


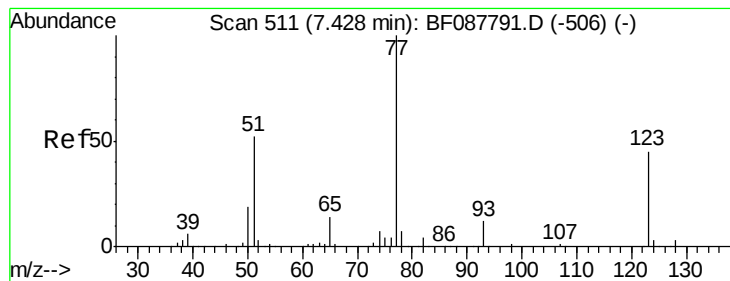
#23
Nitrobenzene-d5
Concen: 74.13 ng
RT: 7.22 min Scan# 493
Delta R.T. -0.01 min
Lab File: BF088236.D
Acq: 22 Jun 2016 2:34

Tgt Ion: 82 Resp: 457220
Ion Ratio Lower Upper
82 100
128 47.0 35.9 53.9
54 46.2 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: 42.41 ng

RT: 7.24 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF088236.D

Acq: 22 Jun 2016 2:34

Instrument :

BNA_F

ClientSampleId :

PB91486BS

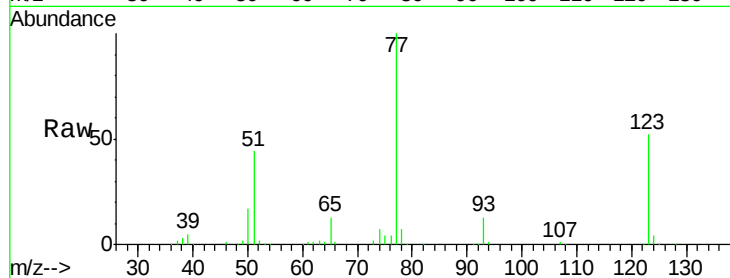
Tgt Ion: 77 Resp: 253380

Ion Ratio Lower Upper

77 100

123 52.0 45.0 67.4

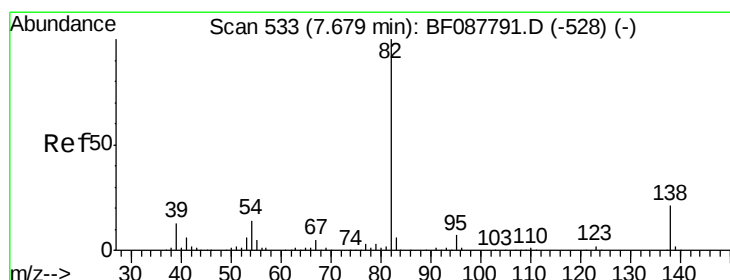
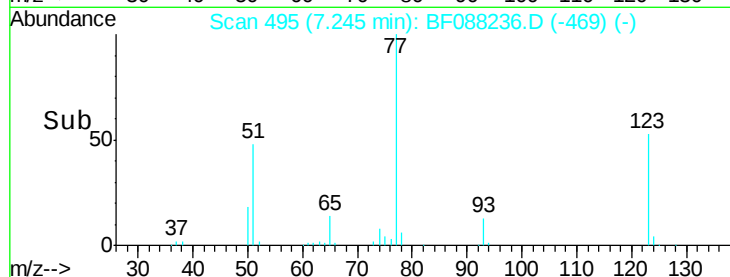
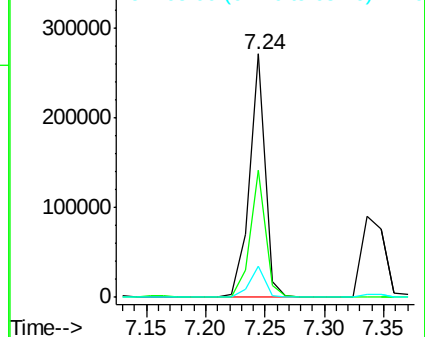
65 12.7 10.2 15.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 38.39 ng

RT: 7.48 min Scan# 516

Delta R.T. 0.00 min

Lab File: BF088236.D

Acq: 22 Jun 2016 2:34

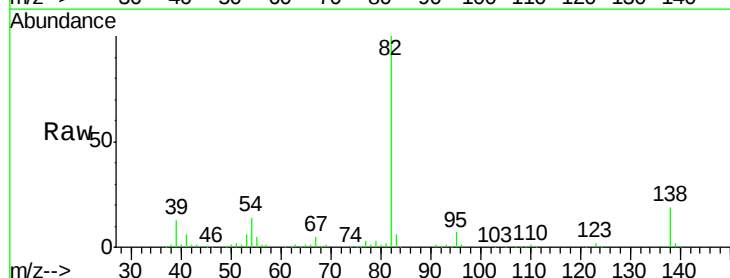
Tgt Ion: 82 Resp: 438548

Ion Ratio Lower Upper

82 100

95 7.2 5.4 8.2

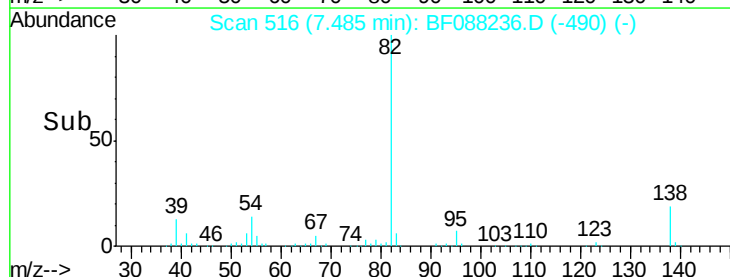
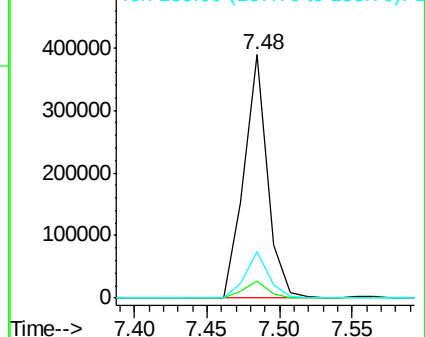
138 19.1 14.6 21.8



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

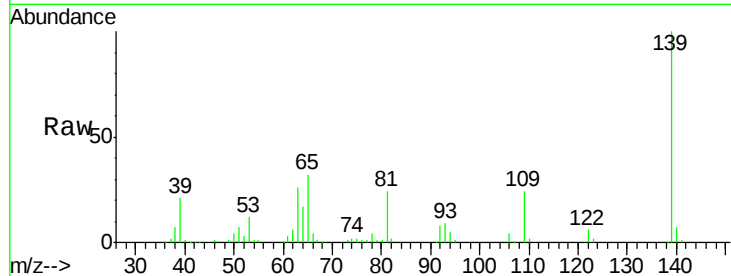




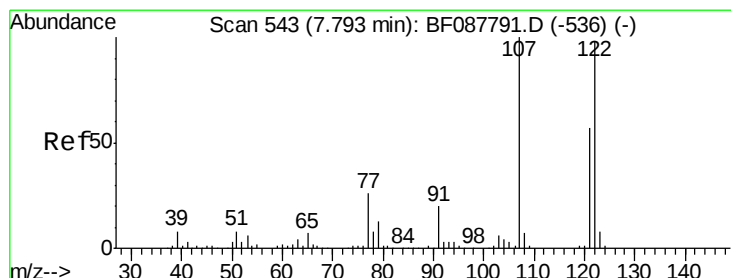
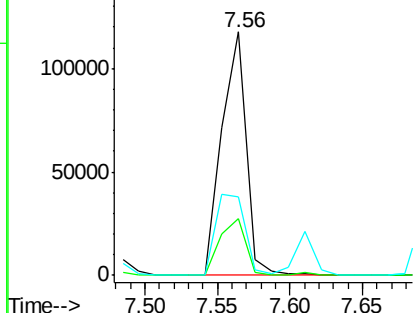
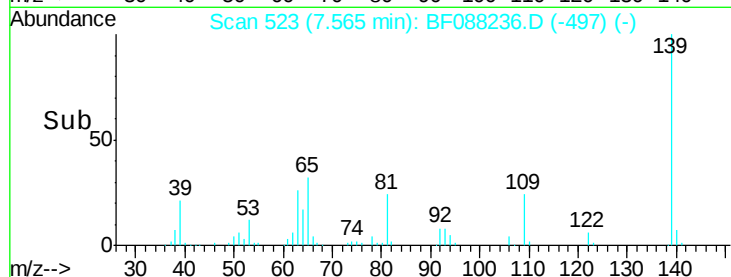
#26
2-Nitrophenol
Concen: 42.91 ng
RT: 7.56 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF088236.D
Acq: 22 Jun 2016 2:34

Instrument :
BNA_F
ClientSampleId :
PB91486BS

Tgt Ion:139 Resp: 137320
Ion Ratio Lower Upper
139 100
109 23.5 23.0 34.4
65 32.5 45.8 68.8#

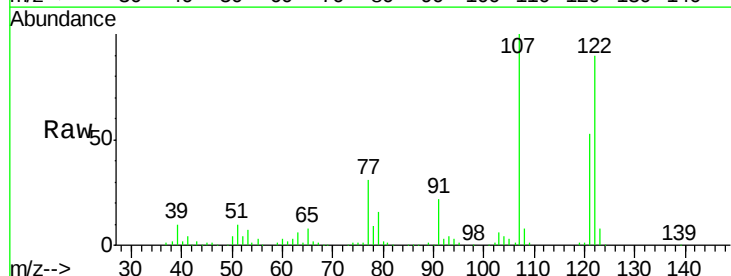


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

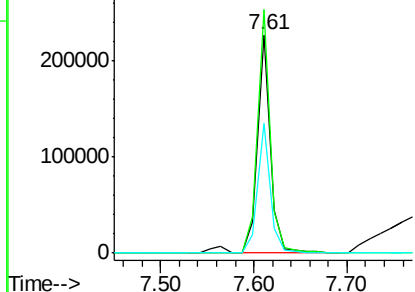
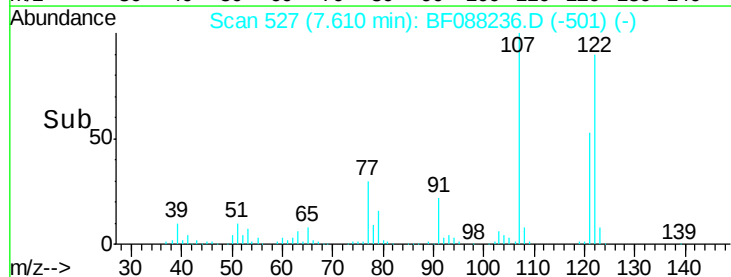


#27
2,4-Dimethylphenol
Concen: 38.30 ng
RT: 7.61 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF088236.D
Acq: 22 Jun 2016 2:34

Tgt Ion:122 Resp: 225648
Ion Ratio Lower Upper
122 100
107 111.5 82.4 123.6
121 59.3 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

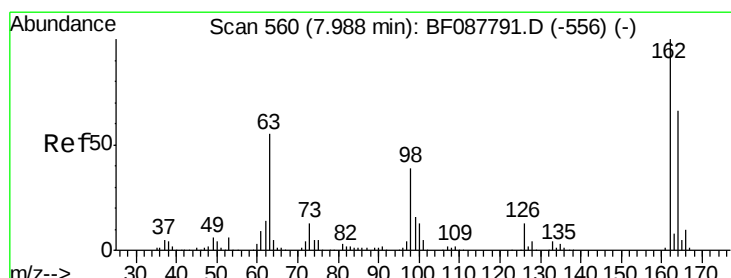
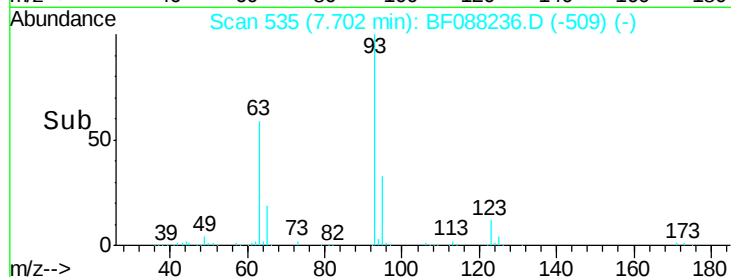
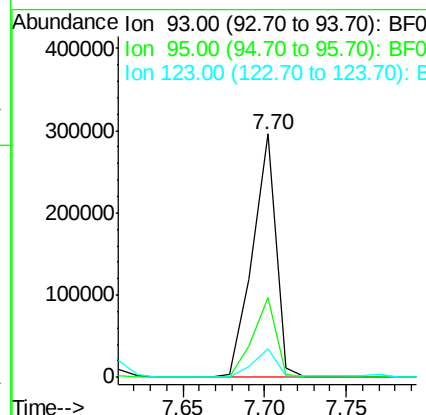
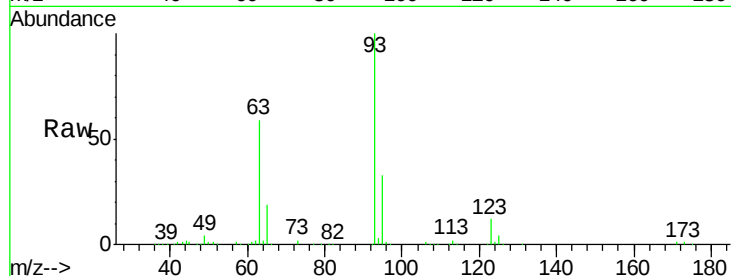




#28
bis(2-Chloroethoxy)methane
Concen: 41.68 ng
RT: 7.70 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF088236.D
Acq: 22 Jun 2016 2:34

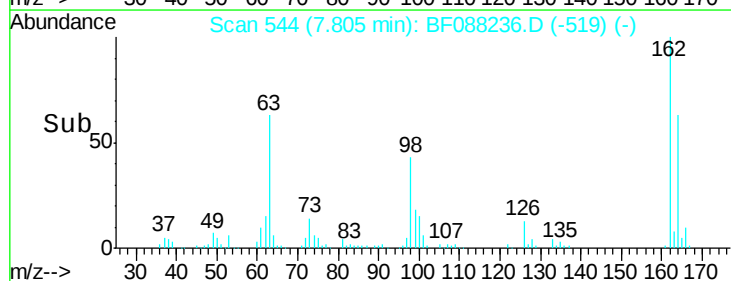
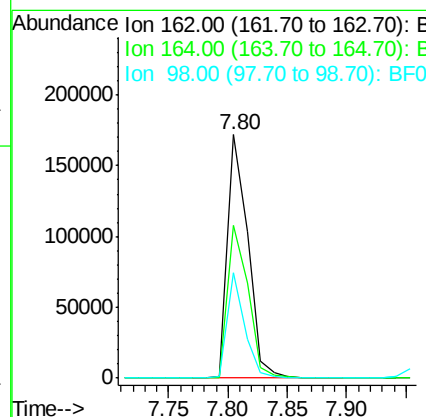
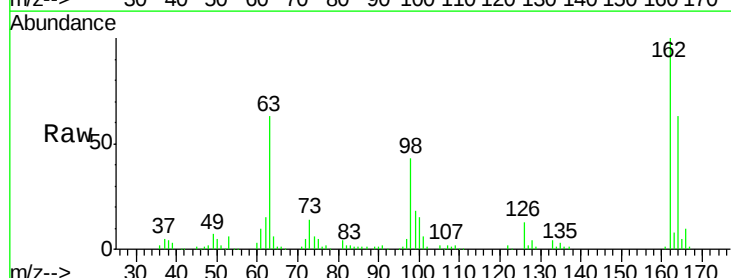
Instrument :
BNA_F
ClientSampleId :
PB91486BS

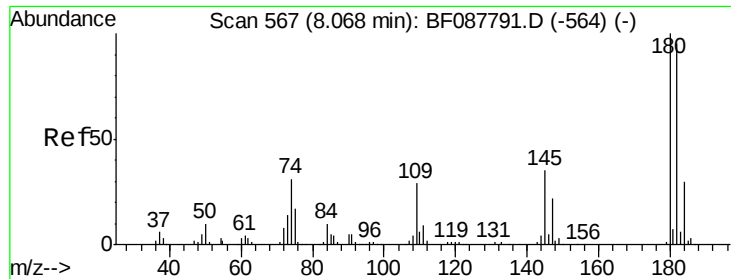
Tgt Ion: 93 Resp: 295335
Ion Ratio Lower Upper
93 100
95 32.9 26.5 39.7
123 12.0 11.6 17.4



#29
2,4-Dichlorophenol
Concen: 41.03 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF088236.D
Acq: 22 Jun 2016 2:34

Tgt Ion: 162 Resp: 201850
Ion Ratio Lower Upper
162 100
164 62.9 43.8 83.8
98 43.4 21.3 61.3

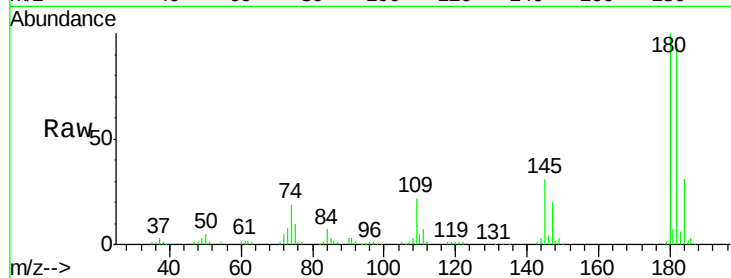




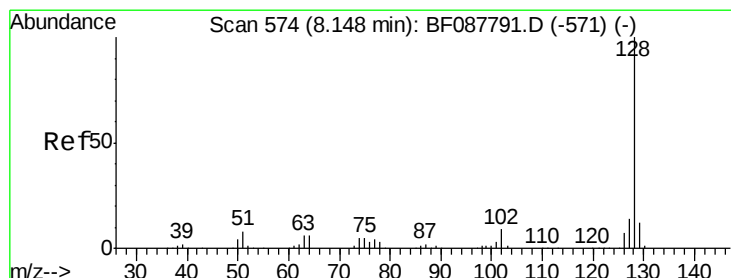
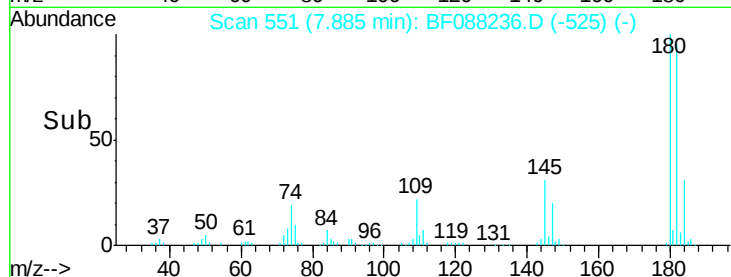
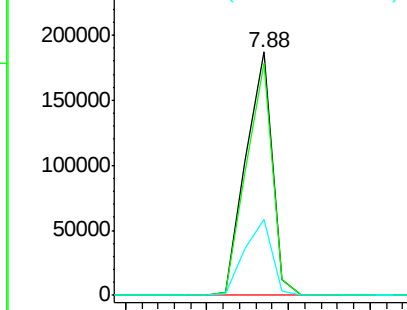
#30
 1,2,4-Trichlorobenzene
 Concen: 39.00 ng
 RT: 7.88 min Scan# 551
 Delta R.T. 0.00 min
 Lab File: BF088236.D
 Acq: 22 Jun 2016 2:34

Instrument :
 BNA_F
 ClientSampleId :
 PB91486BS

Tgt Ion:180 Resp: 208896
 Ion Ratio Lower Upper
 180 100
 182 95.1 76.0 114.0
 145 31.0 26.5 39.7

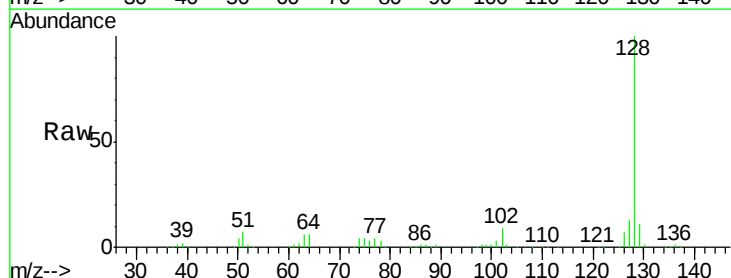


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

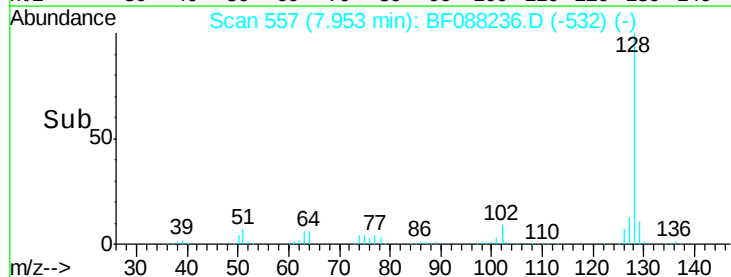
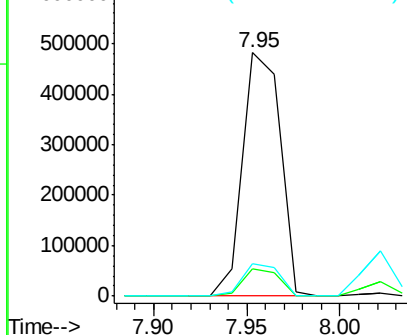


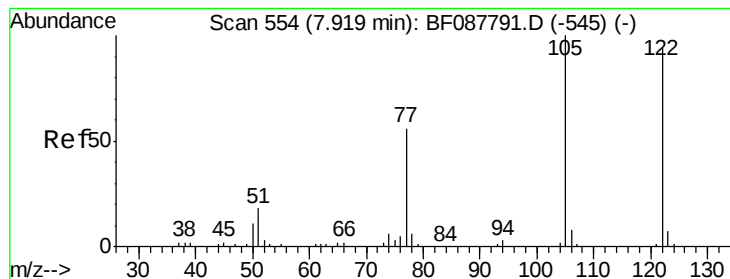
#31
 Naphthalene
 Concen: 37.92 ng
 RT: 7.95 min Scan# 557
 Delta R.T. -0.01 min
 Lab File: BF088236.D
 Acq: 22 Jun 2016 2:34

Tgt Ion:128 Resp: 675805
 Ion Ratio Lower Upper
 128 100
 129 11.5 9.4 14.2
 127 13.1 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





#32

Benzoic acid

Concen: 34.58 ng

RT: 7.77 min Scan# 541

Delta R.T. 0.01 min

Lab File: BF088236.D

Acq: 22 Jun 2016 2:34

Instrument :

BNA_F

ClientSampleId :

PB91486BS

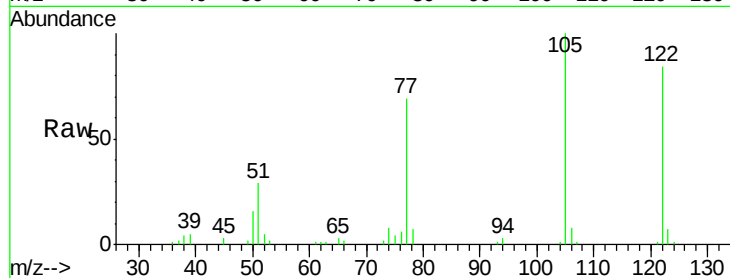
Tgt Ion:122 Resp: 112202

Ion Ratio Lower Upper

122 100

105 119.0 101.6 141.6

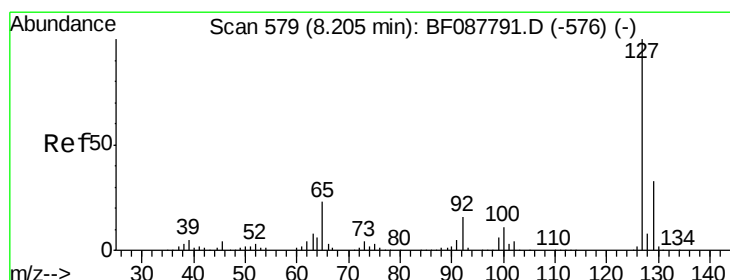
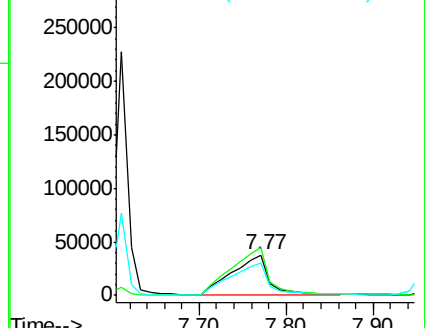
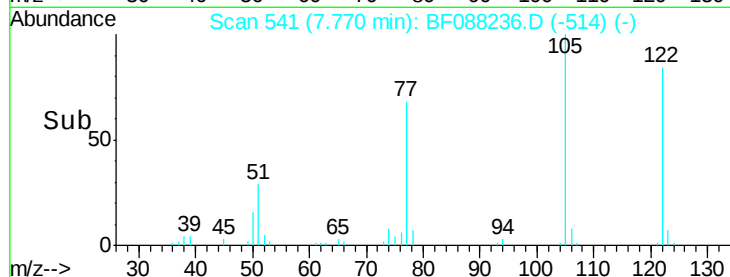
77 81.8 70.6 110.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 14.91 ng

RT: 8.02 min Scan# 563

Delta R.T. 0.00 min

Lab File: BF088236.D

Acq: 22 Jun 2016 2:34

Tgt Ion:127 Resp: 118641

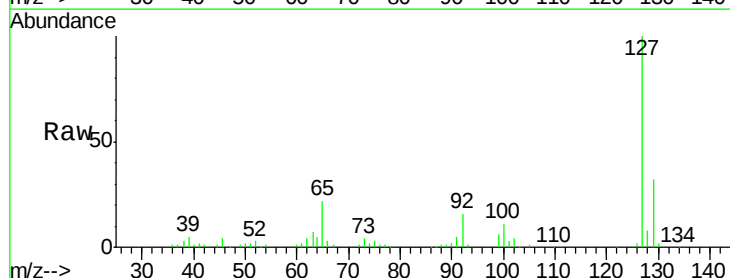
Ion Ratio Lower Upper

127 100

129 31.8 26.3 39.5

65 21.7 24.7 37.1#

92 15.5 15.4 23.0

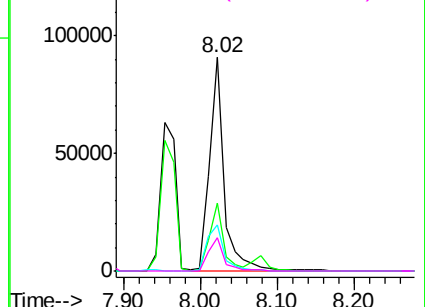
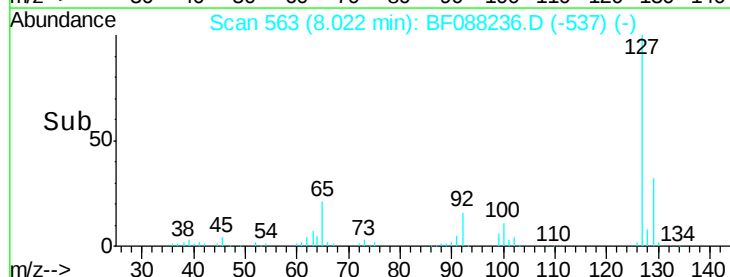


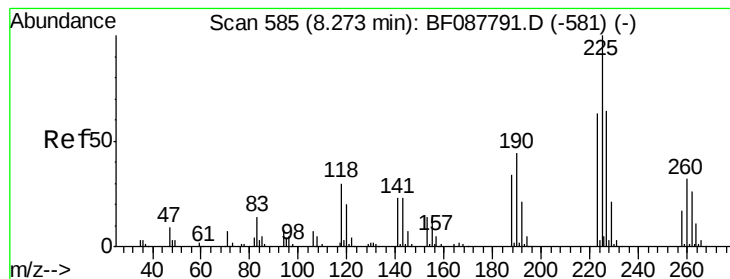
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





#34

Hexachlorobutadiene

Concen: 38.85 ng

RT: 8.08 min Scan# 568

Delta R.T. 0.00 min

Lab File: BF088236.D

Acq: 22 Jun 2016 2:34

Instrument :

BNA_F

ClientSampleId :

PB91486BS

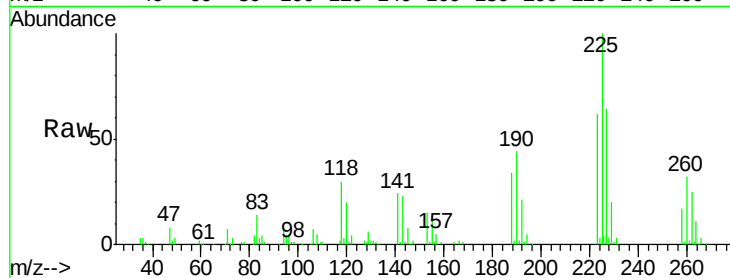
Tgt Ion:225 Resp: 109766

Ion Ratio Lower Upper

225 100

223 62.3 50.9 76.3

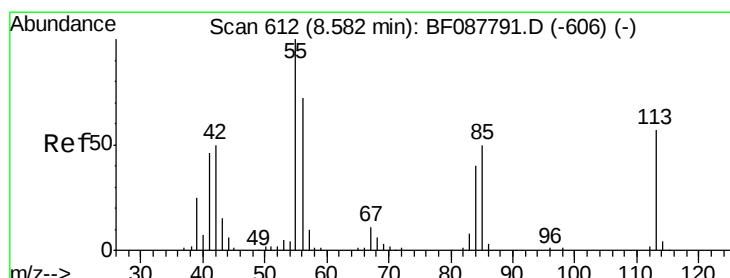
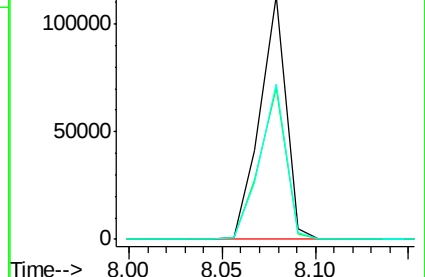
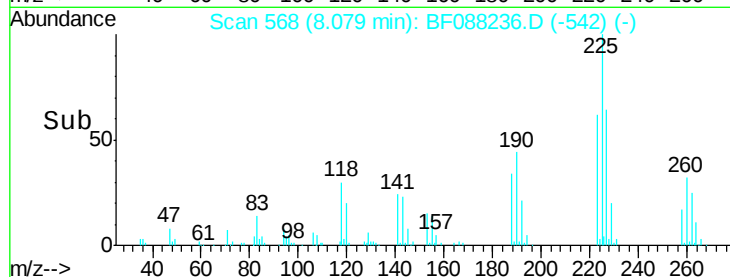
227 63.9 51.9 77.9



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 27.72 ng

RT: 8.40 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF088236.D

Acq: 22 Jun 2016 2:34

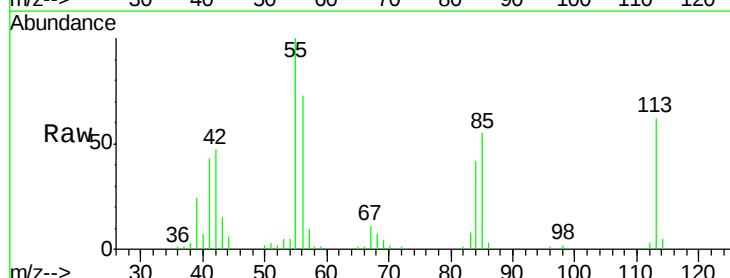
Tgt Ion:113 Resp: 45165

Ion Ratio Lower Upper

113 100

55 162.4 158.6 198.6

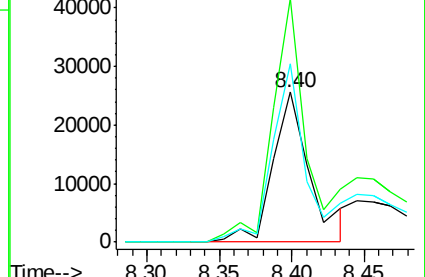
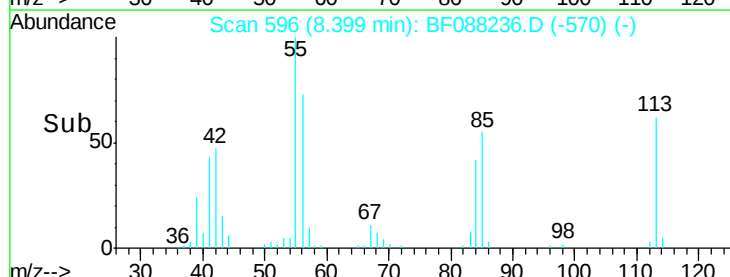
56 118.7 110.6 150.6

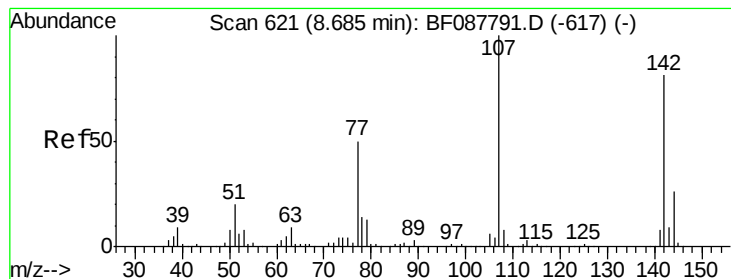


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0





#36

4-Chloro-3-methylphenol

Concen: 42.62 ng

RT: 8.52 min Scan# 607

Delta R.T. 0.01 min

Lab File: BF088236.D

Acq: 22 Jun 2016 2:34

Instrument :

BNA_F

ClientSampleId :

PB91486BS

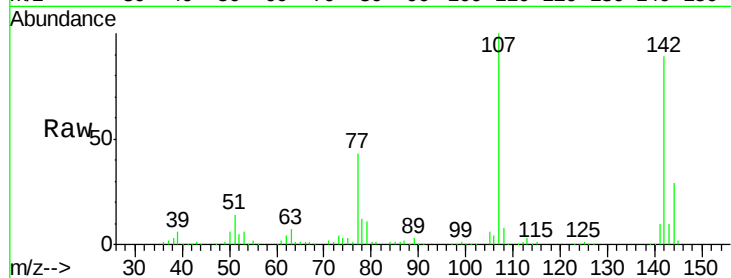
Tgt Ion:107 Resp: 224255

Ion Ratio Lower Upper

107 100

144 29.1 20.8 31.2

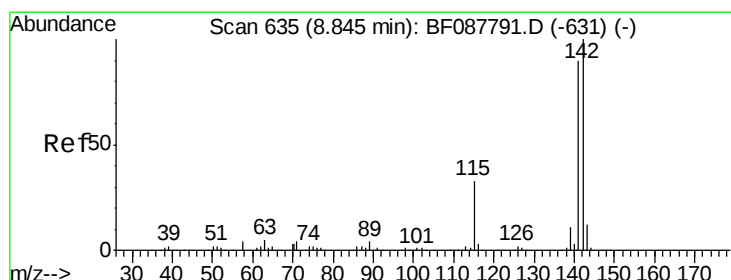
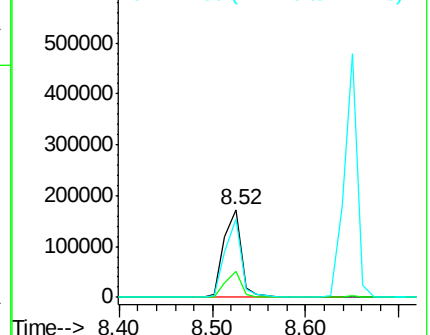
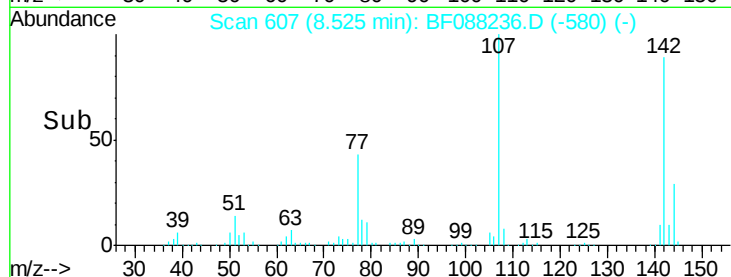
142 89.1 63.4 95.2



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: 40.18 ng

RT: 8.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: BF088236.D

Acq: 22 Jun 2016 2:34

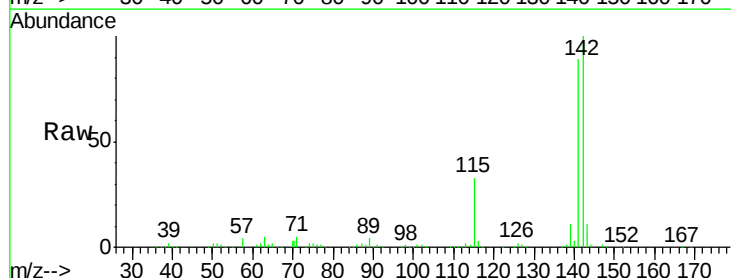
Tgt Ion:142 Resp: 472042

Ion Ratio Lower Upper

142 100

141 89.0 71.0 106.6

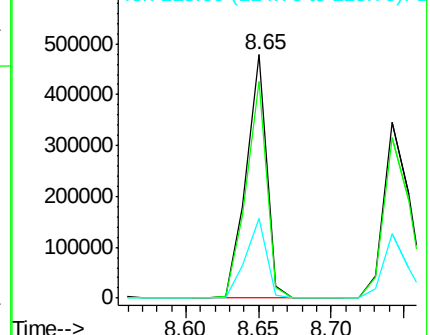
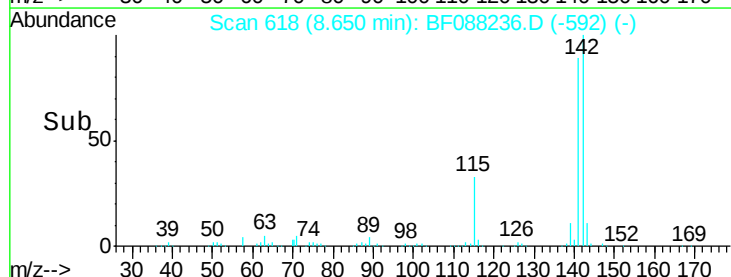
115 32.5 22.6 33.8

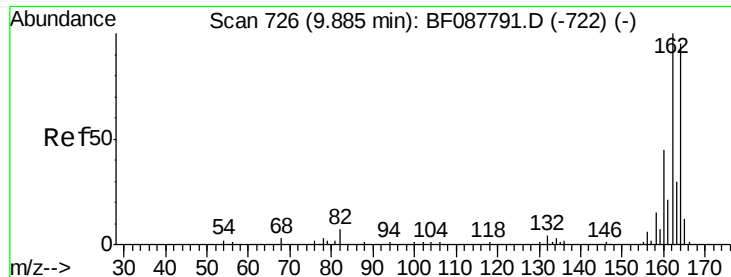


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

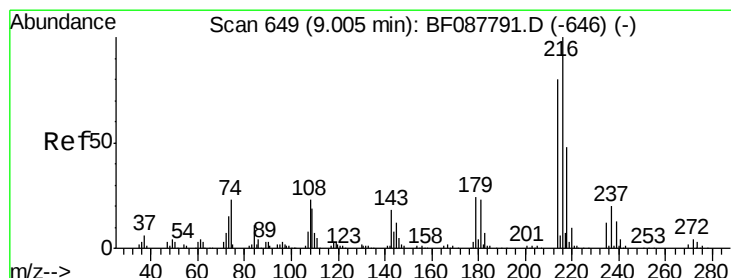
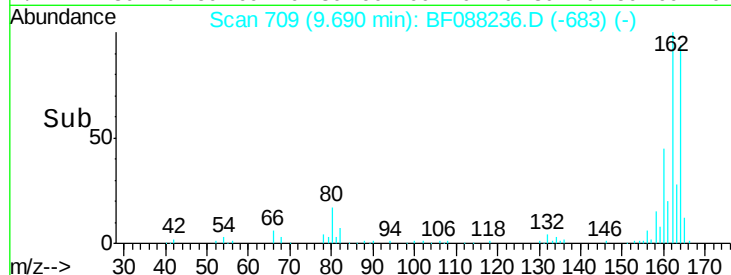
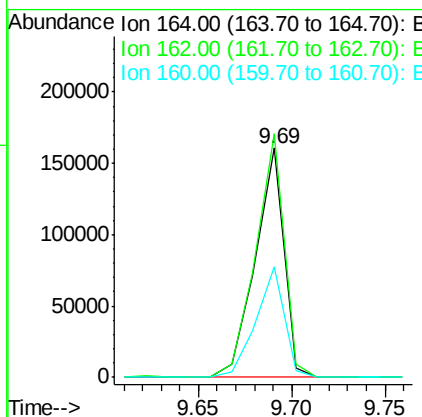
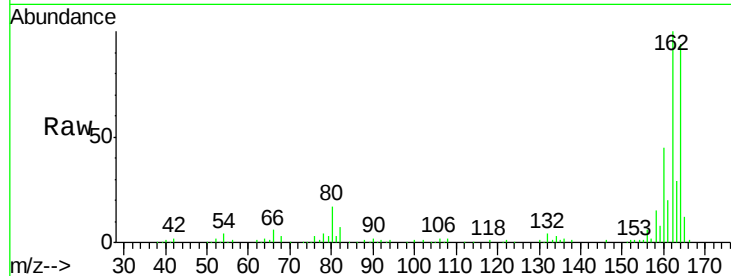




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.69 min Scan# 709
Delta R.T. 0.00 min
Lab File: BF088236.D
Acq: 22 Jun 2016 2:34

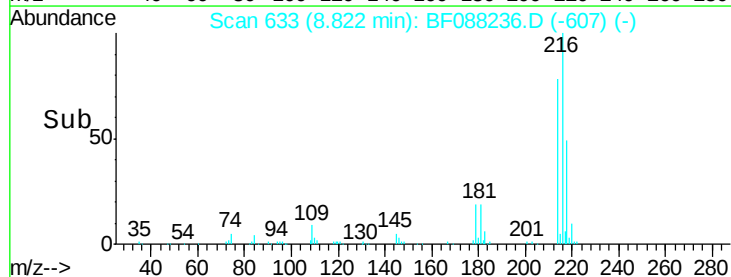
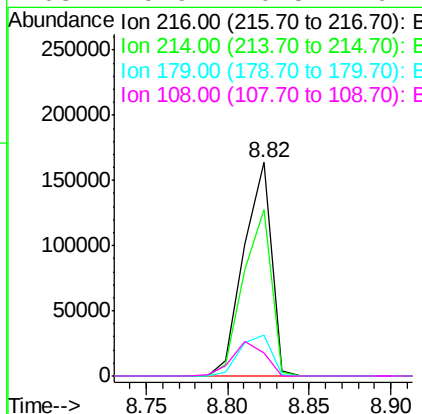
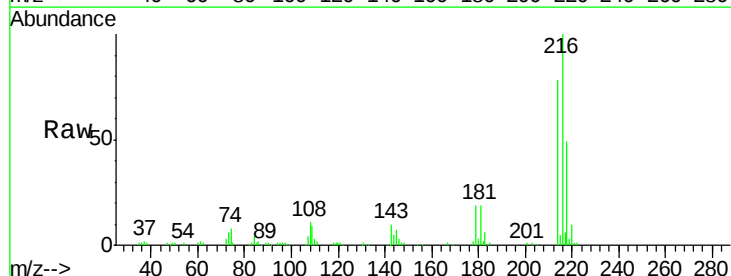
Instrument :
BNA_F
ClientSampleId :
PB91486BS

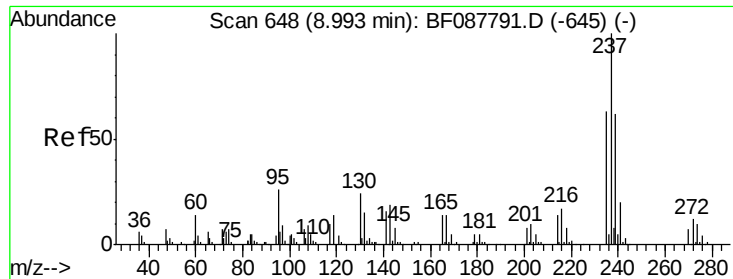
Tgt Ion:164 Resp: 169440
Ion Ratio Lower Upper
164 100
162 106.1 85.4 128.2
160 48.2 39.5 59.3



#39
1,2,4,5-Tetrachlorobenzene
Concen: 42.97 ng
RT: 8.82 min Scan# 633
Delta R.T. 0.00 min
Lab File: BF088236.D
Acq: 22 Jun 2016 2:34

Tgt Ion:216 Resp: 192402
Ion Ratio Lower Upper
216 100
214 78.9 2.9 4.3#
179 21.7 0.0 0.0#
108 19.9 0.5 0.7#

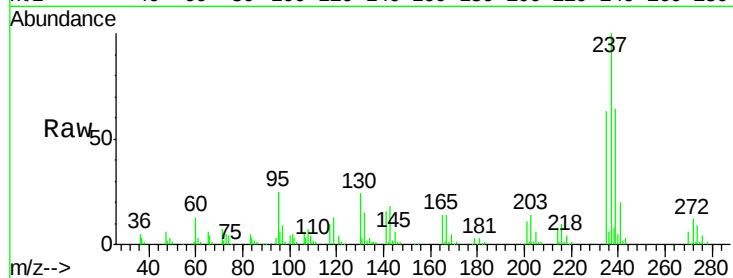




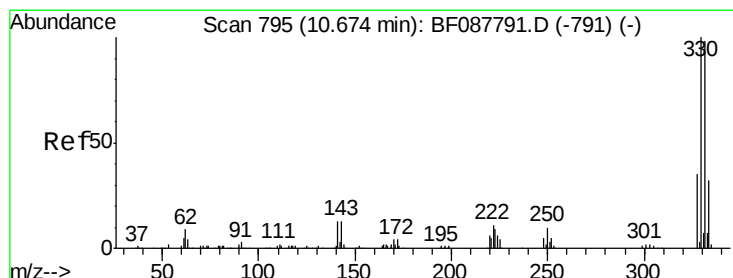
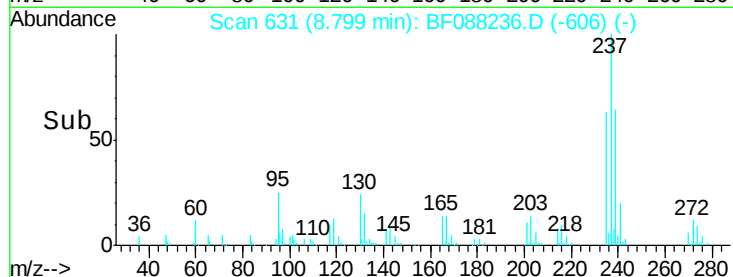
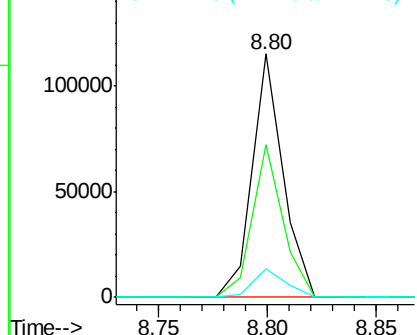
#40
Hexachlorocyclopentadiene
Concen: 41.44 ng
RT: 8.80 min Scan# 631
Delta R.T. -0.01 min
Lab File: BF088236.D
Acq: 22 Jun 2016 2:34

Instrument :
BNA_F
ClientSampleId :
PB91486BS

Tgt Ion: 237 Resp: 113274
Ion Ratio Lower Upper
237 100
235 62.5 43.4 83.4
272 11.8 0.0 32.3

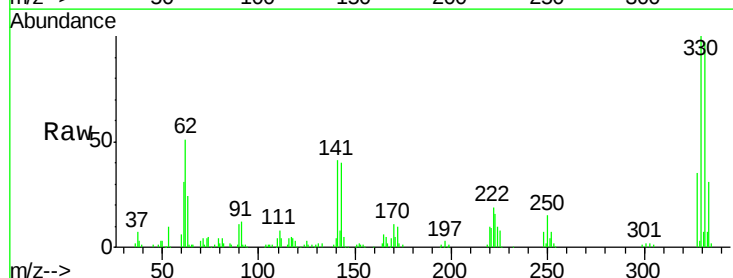


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

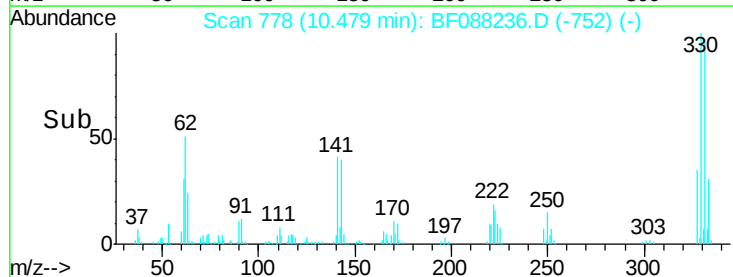
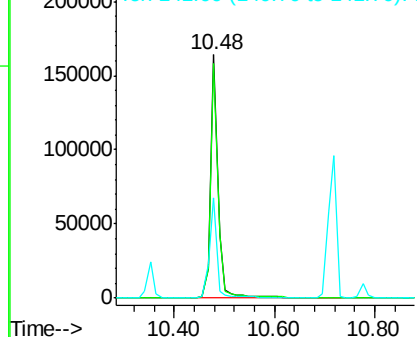


#41
2,4,6-Tribromophenol
Concen: 96.77 ng
RT: 10.48 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF088236.D
Acq: 22 Jun 2016 2:34

Tgt Ion: 330 Resp: 173131
Ion Ratio Lower Upper
330 100
332 96.9 0.0 0.0#
141 40.0 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

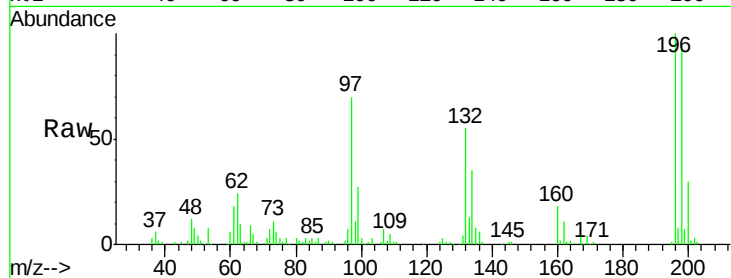




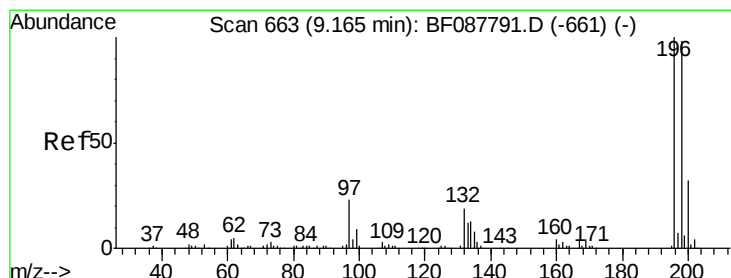
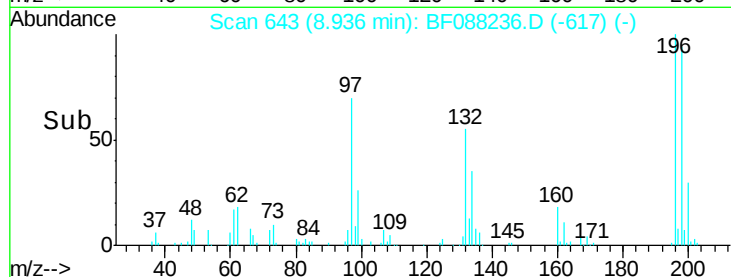
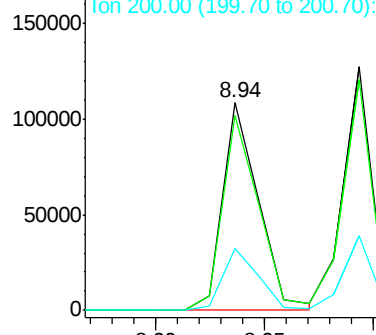
#42
 2,4,6-Trichlorophenol
 Concen: 36.82 ng
 RT: 8.94 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: BF088236.D
 Acq: 22 Jun 2016 2:34

Instrument :
 BNA_F
 ClientSampleId :
 PB91486BS

Tgt Ion:196 Resp: 124772
 Ion Ratio Lower Upper
 196 100
 198 94.4 78.0 117.0
 200 29.9 25.4 38.2

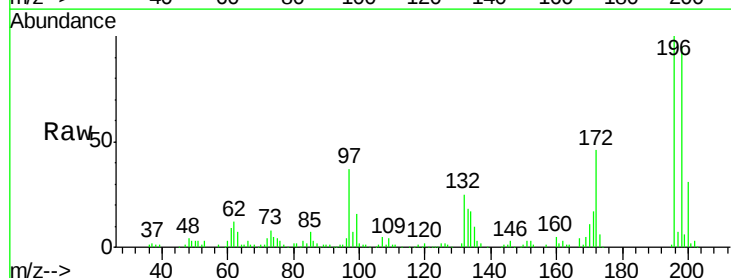


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

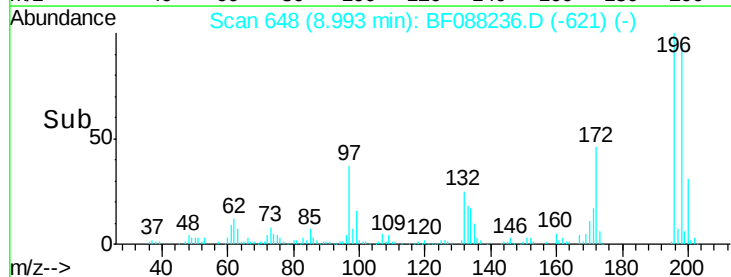
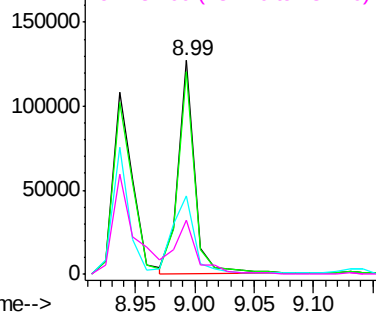


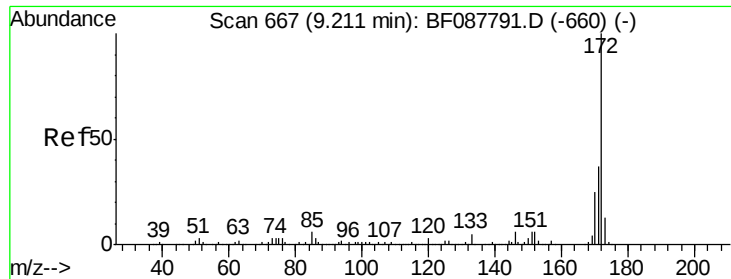
#43
 2,4,5-Trichlorophenol
 Concen: 34.92 ng
 RT: 8.99 min Scan# 648
 Delta R.T. 0.01 min
 Lab File: BF088236.D
 Acq: 22 Jun 2016 2:34

Tgt Ion:196 Resp: 123118
 Ion Ratio Lower Upper
 196 100
 198 94.9 77.5 116.3
 97 36.6 32.0 48.0
 132 25.5 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

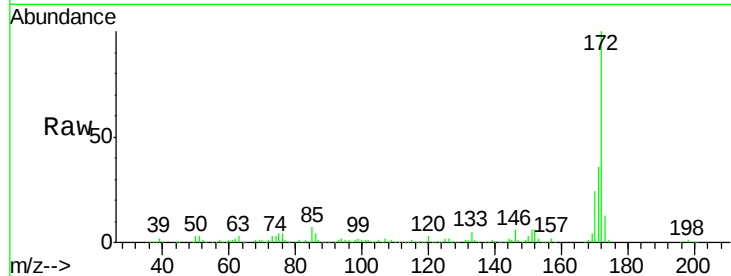




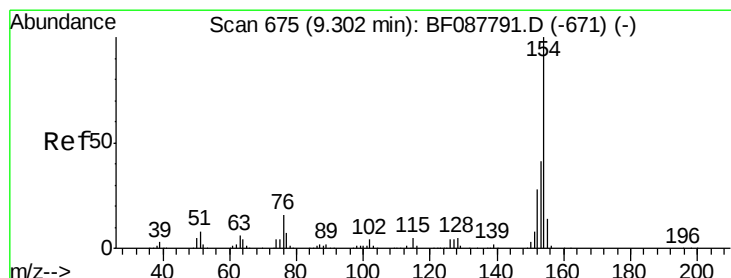
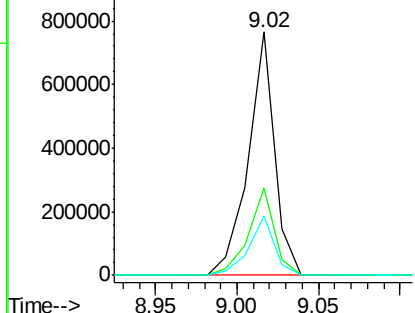
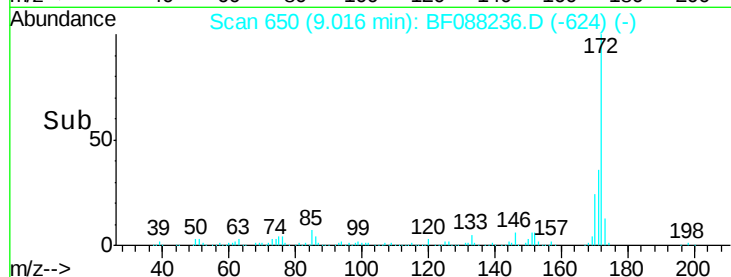
#44
 2-Fluorobiphenyl
 Concen: 78.73 ng
 RT: 9.02 min Scan# 650
 Delta R.T. 0.00 min
 Lab File: BF088236.D
 Acq: 22 Jun 2016 2:34

Instrument :
 BNA_F
 ClientSampleId :
 PB91486BS

Tgt Ion:172 Resp: 853580
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 43.0
 170 24.2 19.2 28.8

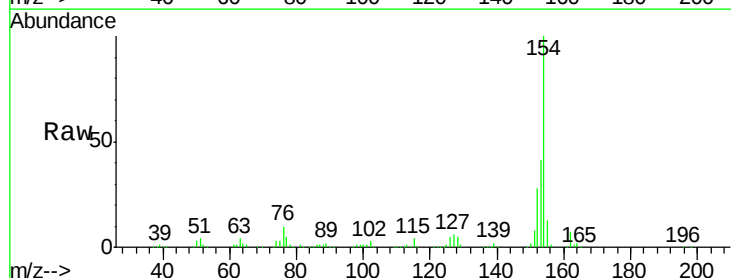


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

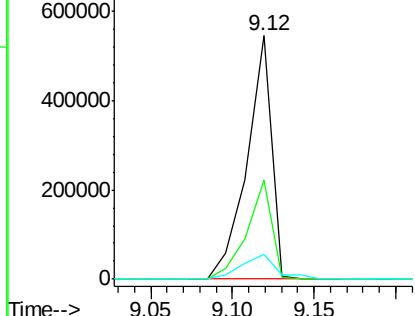
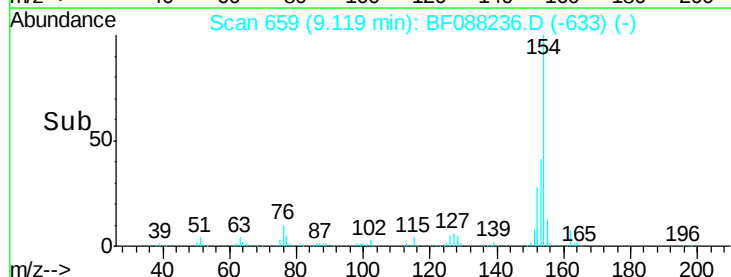


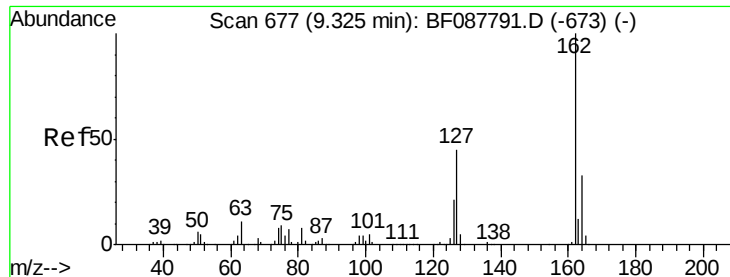
#45
 1,1'-Biphenyl
 Concen: 45.05 ng
 RT: 9.12 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: BF088236.D
 Acq: 22 Jun 2016 2:34

Tgt Ion:154 Resp: 572840
 Ion Ratio Lower Upper
 154 100
 153 40.7 20.6 60.6
 76 10.2 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

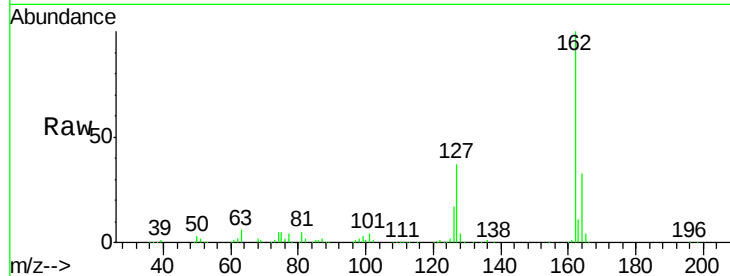




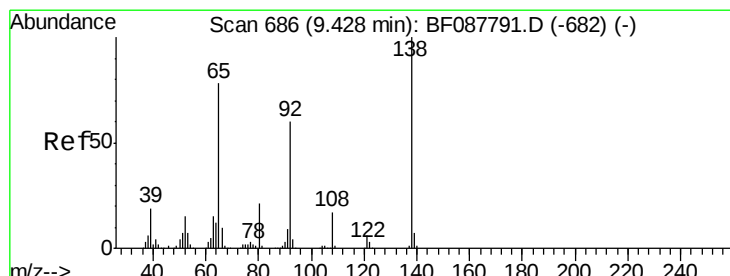
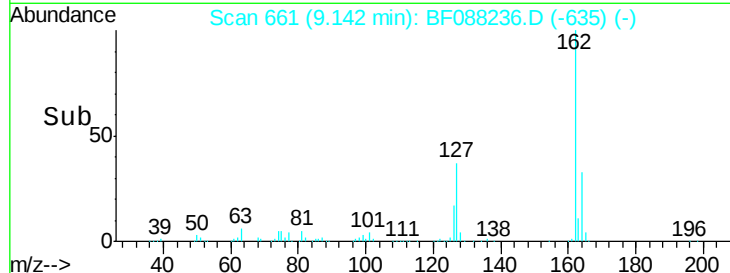
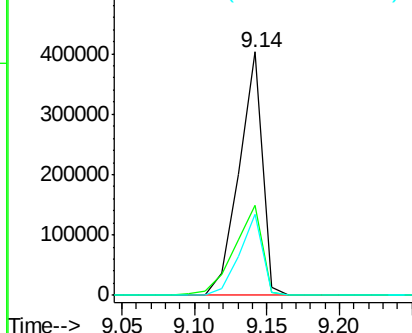
#46
 2-Chloronaphthalene
 Concen: 41.00 ng
 RT: 9.14 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF088236.D
 Acq: 22 Jun 2016 2:34

Instrument :
 BNA_F
 ClientSampleId :
 PB91486BS

Tgt Ion: 162 Resp: 449532
 Ion Ratio Lower Upper
 162 100
 127 37.0 35.2 52.8
 164 33.1 26.6 39.8

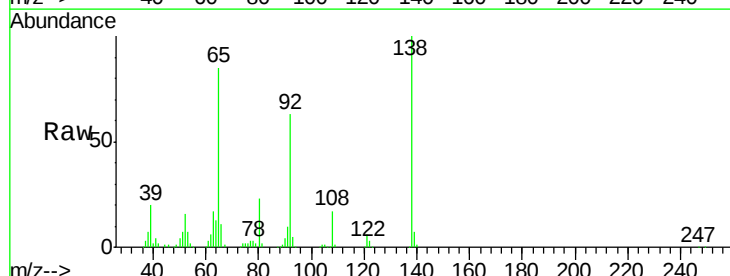


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

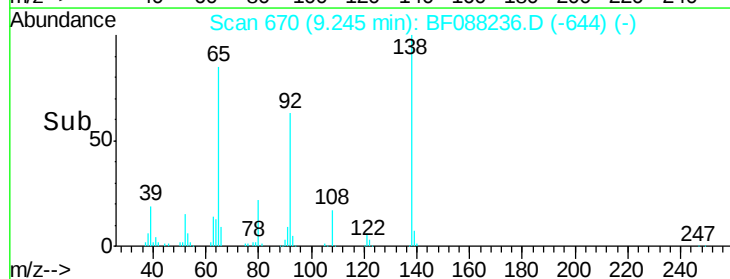
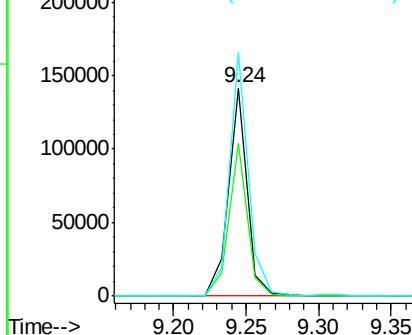


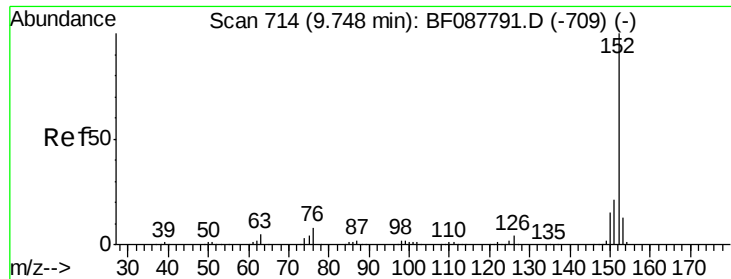
#47
 2-Nitroaniline
 Concen: 39.20 ng
 RT: 9.24 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF088236.D
 Acq: 22 Jun 2016 2:34

Tgt Ion: 65 Resp: 126804
 Ion Ratio Lower Upper
 65 100
 92 73.7 54.6 82.0
 138 117.1 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

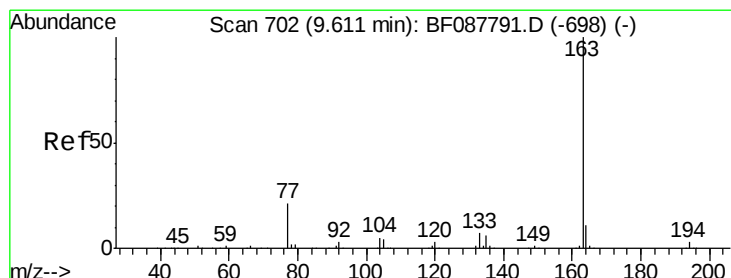
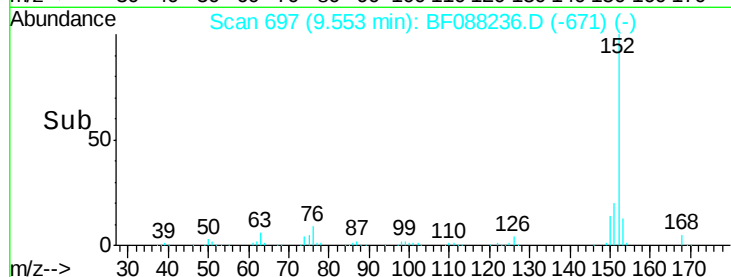
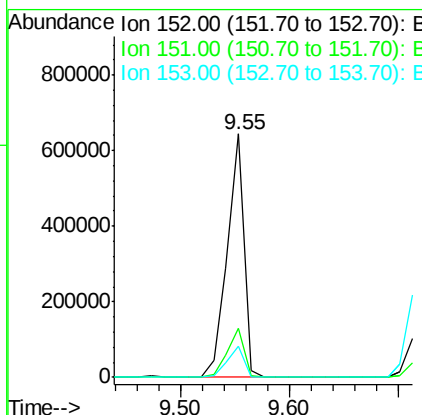
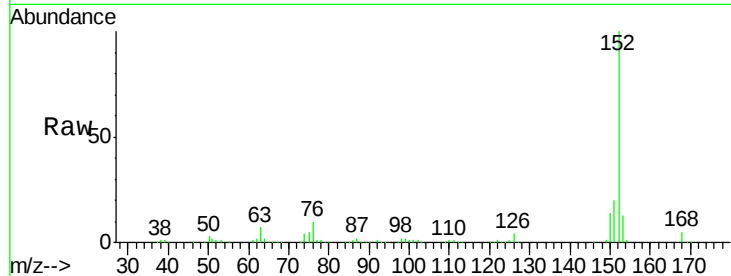




#48
Acenaphthylene
Concen: 39.35 ng
RT: 9.55 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF088236.D
Acq: 22 Jun 2016 2:34

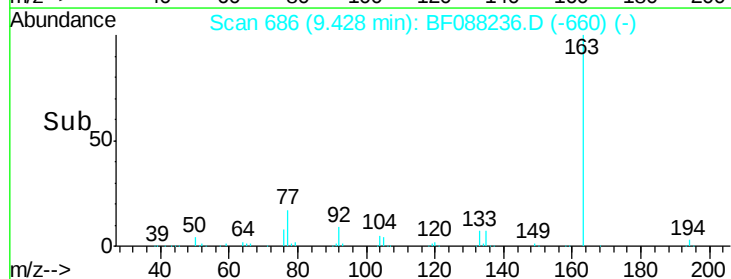
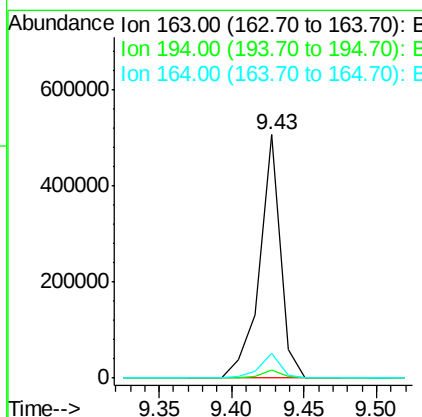
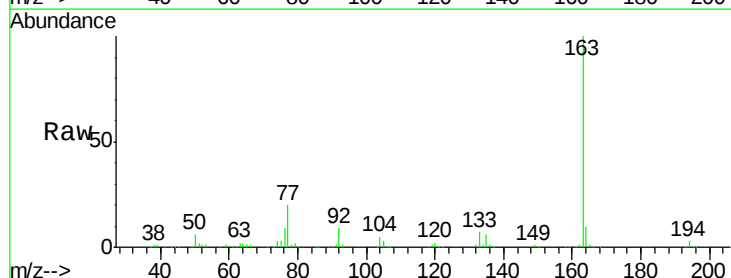
Instrument :
BNA_F
ClientSampleId :
PB91486BS

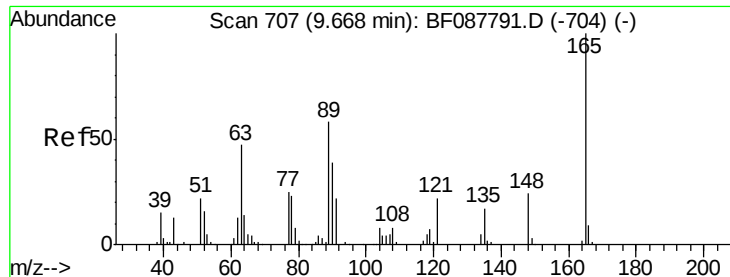
Tgt Ion:152 Resp: 686237
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 13.0 11.0 16.6



#49
Dimethylphthalate
Concen: 41.31 ng
RT: 9.43 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF088236.D
Acq: 22 Jun 2016 2:34

Tgt Ion:163 Resp: 507068
Ion Ratio Lower Upper
163 100
194 3.1 2.8 4.2
164 10.4 8.3 12.5

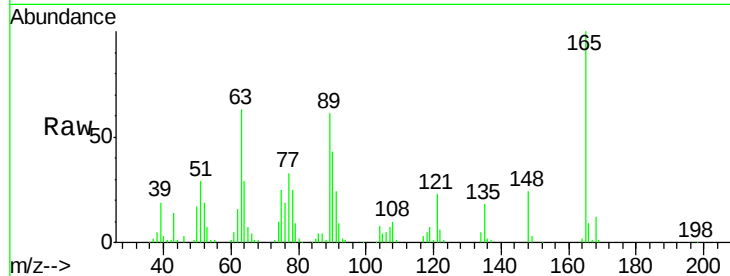




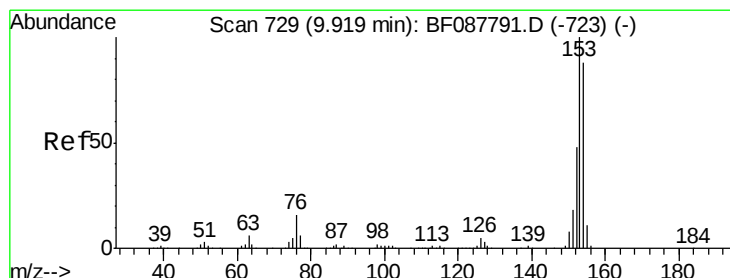
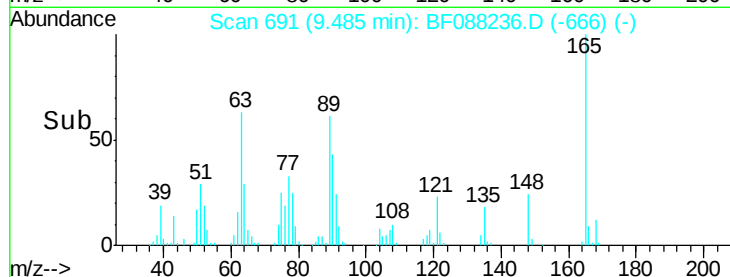
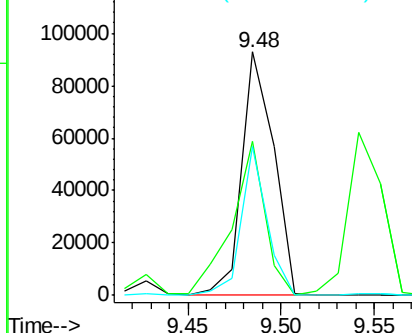
#50
2,6-Dinitrotoluene
Concen: 39.49 ng
RT: 9.48 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF088236.D
Acq: 22 Jun 2016 2:34

Instrument :
BNA_F
ClientSampleId :
PB91486BS

Tgt Ion:165 Resp: 110989
Ion Ratio Lower Upper
165 100
63 63.1 28.1 42.1#
89 61.0 32.2 48.2#

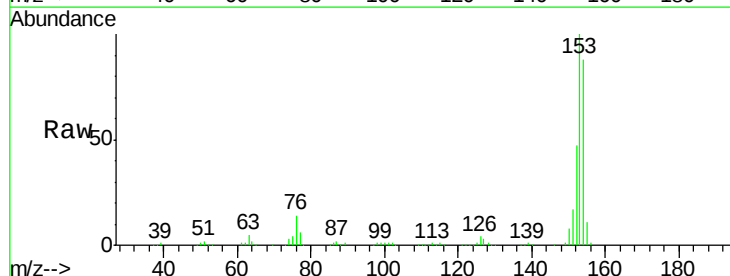


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

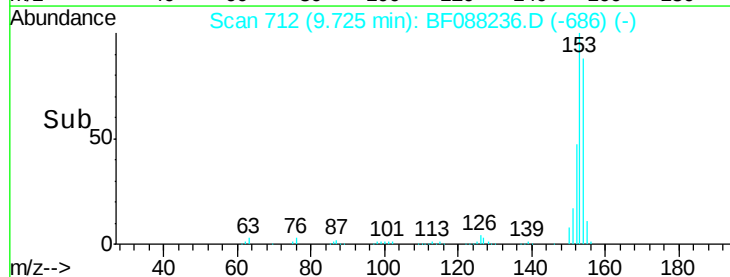
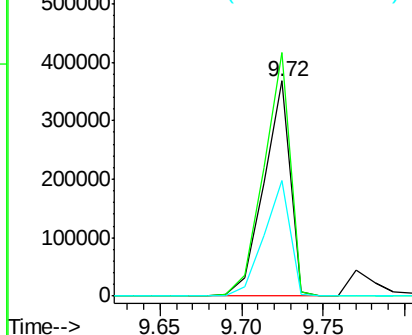


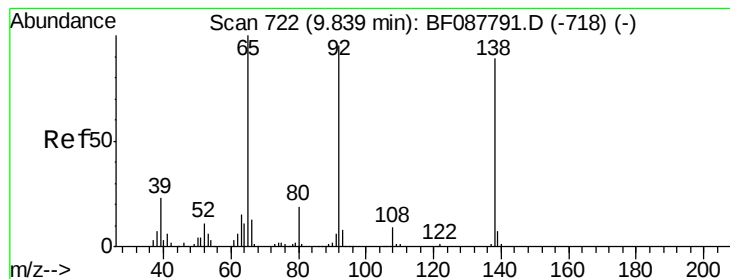
#51
Acenaphthene
Concen: 37.92 ng
RT: 9.72 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF088236.D
Acq: 22 Jun 2016 2:34

Tgt Ion:154 Resp: 412554
Ion Ratio Lower Upper
154 100
153 113.2 89.5 134.3
152 53.7 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: 22.44 ng

RT: 9.66 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF088236.D

Acq: 22 Jun 2016 2:34

Instrument :

BNA_F

ClientSampleId :

PB91486BS

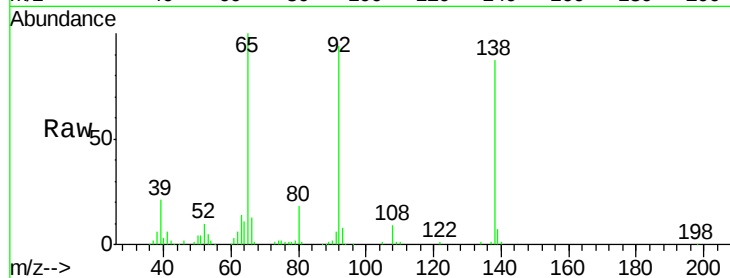
Tgt Ion:138 Resp: 72792

Ion Ratio Lower Upper

138 100

108 10.3 8.5 12.7

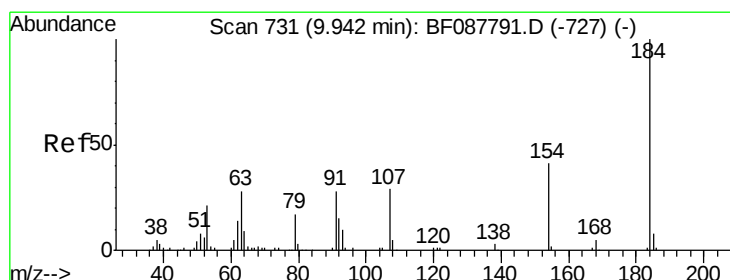
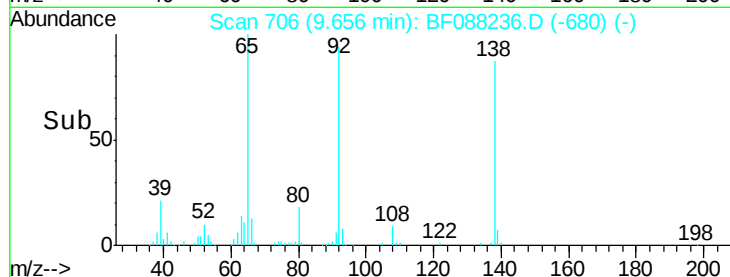
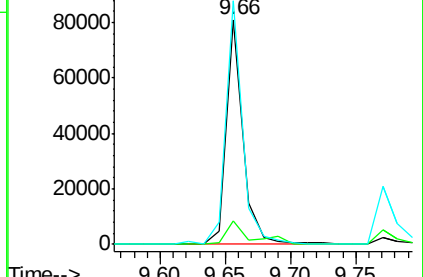
92 108.4 95.7 143.5



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



#53

2,4-Dinitrophenol

Concen: 62.57 ng

RT: 9.77 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF088236.D

Acq: 22 Jun 2016 2:34

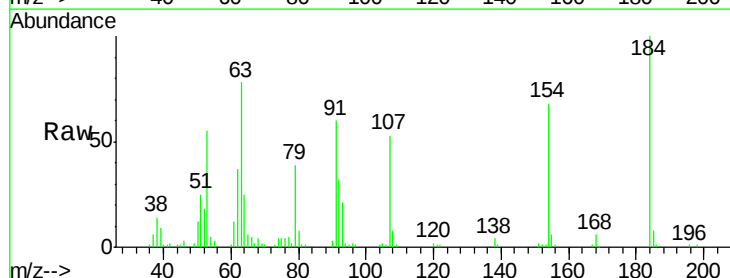
Tgt Ion:184 Resp: 90734

Ion Ratio Lower Upper

184 100

63 78.3 57.6 86.4

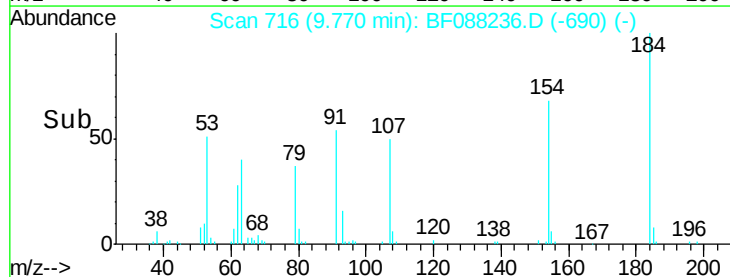
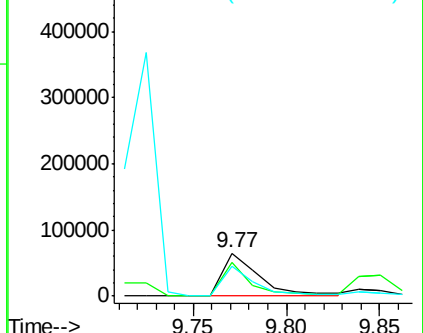
154 67.8 53.5 80.3

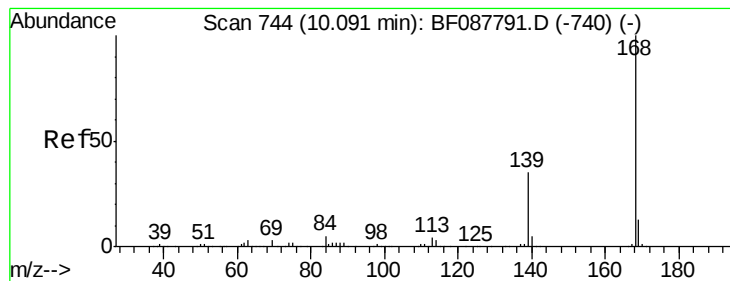


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 37.57 ng

RT: 9.90 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF088236.D

Acq: 22 Jun 2016 2:34

Instrument :

BNA_F

ClientSampleId :

PB91486BS

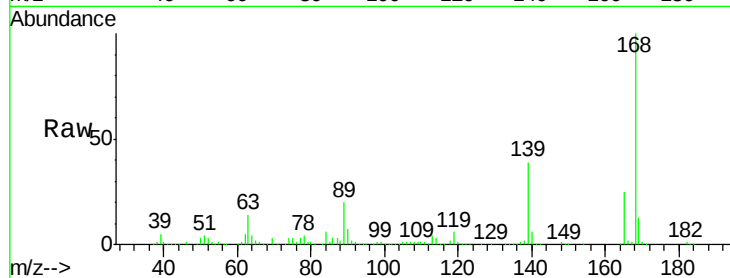
Tgt Ion:168 Resp: 562925

Ion Ratio Lower Upper

168 100

139 39.1 26.4 39.6

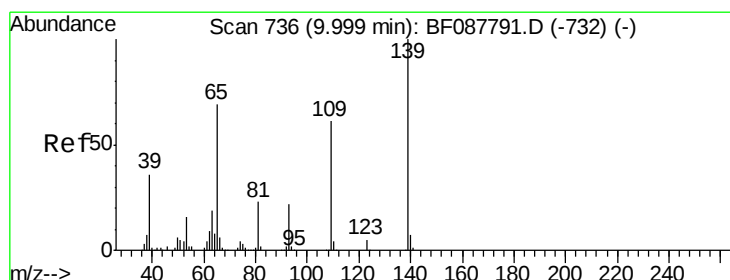
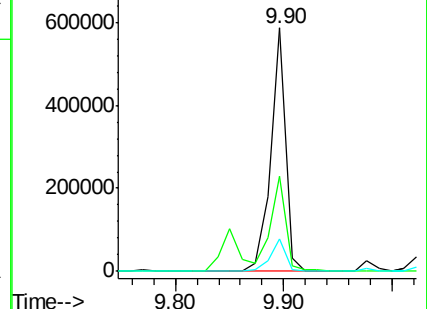
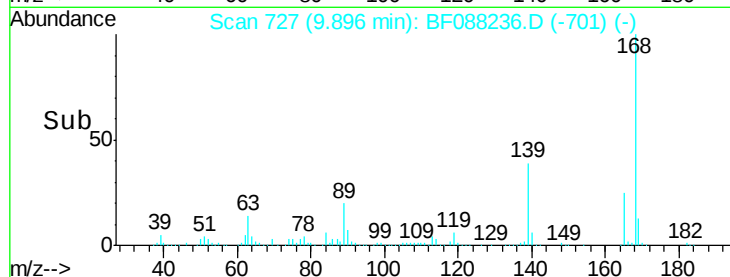
169 13.5 10.4 15.6



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: 50.96 ng

RT: 9.85 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF088236.D

Acq: 22 Jun 2016 2:34

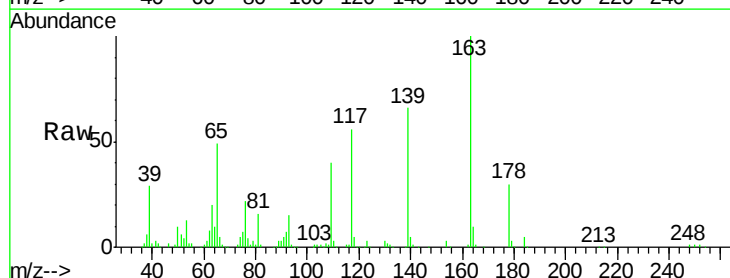
Tgt Ion:139 Resp: 128289

Ion Ratio Lower Upper

139 100

109 60.9 48.9 88.9

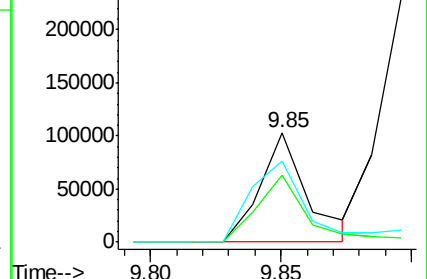
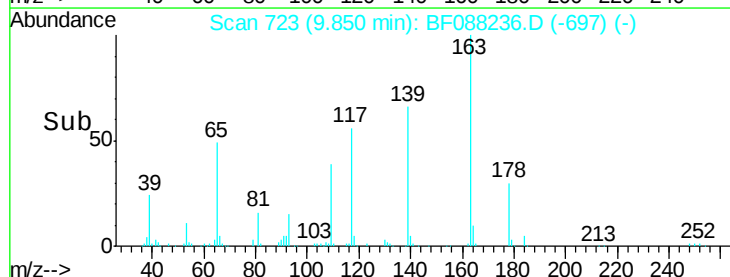
65 74.5 84.9 124.9#

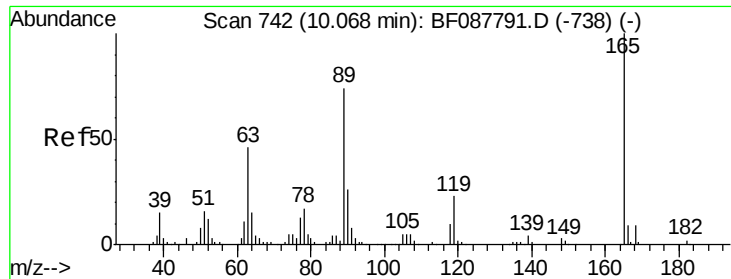


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

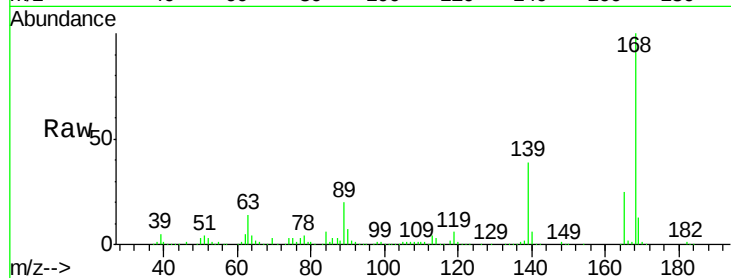




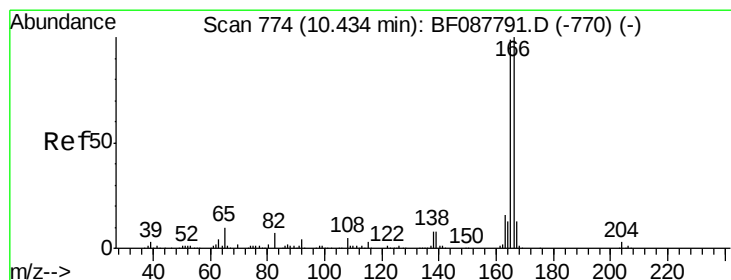
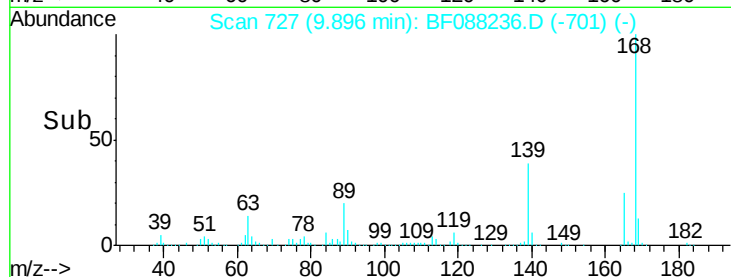
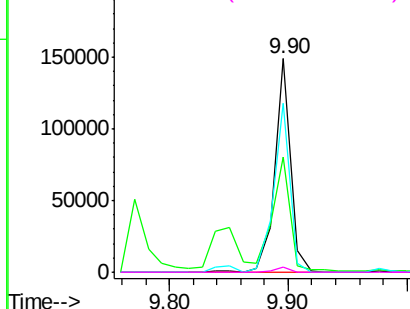
#56
2,4-Dinitrotoluene
Concen: 38.10 ng
RT: 9.90 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF088236.D
Acq: 22 Jun 2016 2:34

Instrument :
BNA_F
ClientSampleId :
PB91486BS

Tgt Ion:165 Resp: 137643
Ion Ratio Lower Upper
165 100
63 54.0 22.0 33.0#
89 78.9 41.1 61.7#
182 2.2 2.0 3.0

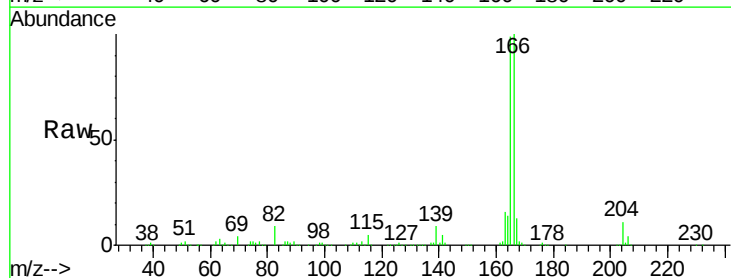


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

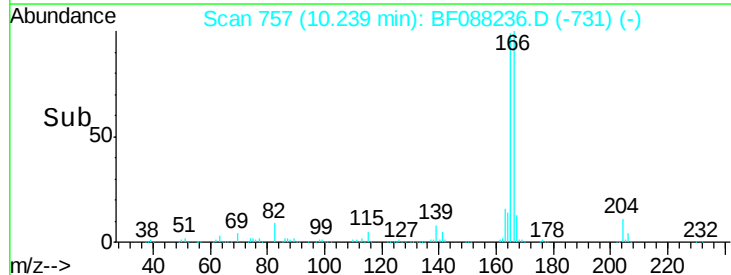
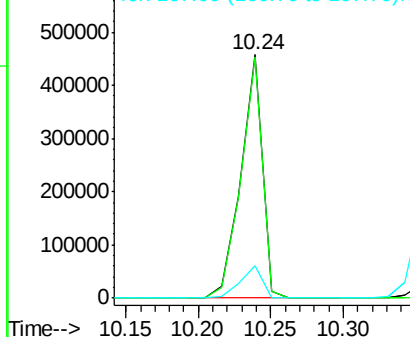


#57
Fluorene
Concen: 46.61 ng
RT: 10.24 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF088236.D
Acq: 22 Jun 2016 2:34

Tgt Ion:166 Resp: 470167
Ion Ratio Lower Upper
166 100
165 99.1 77.8 116.8
167 13.2 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

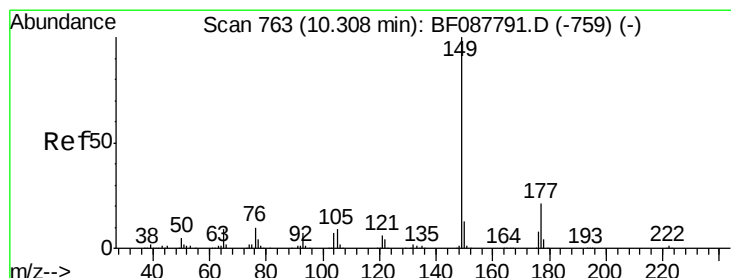
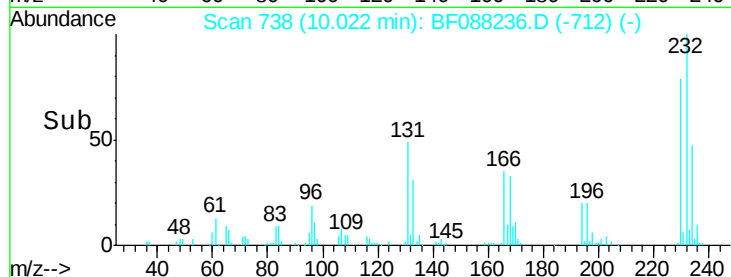
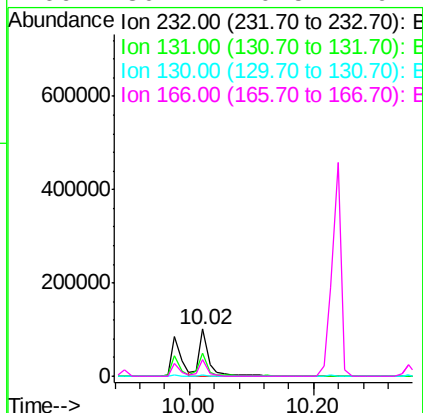
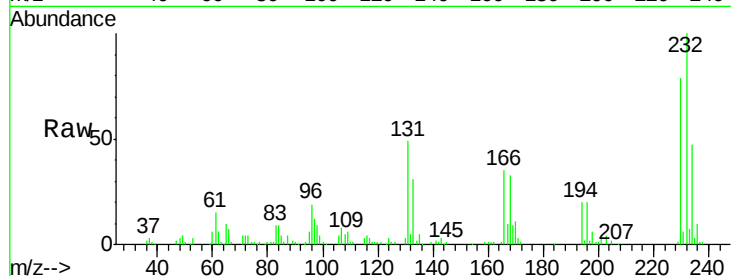




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.49 ng
 RT: 10.02 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF088236.D
 Acq: 22 Jun 2016 2:34

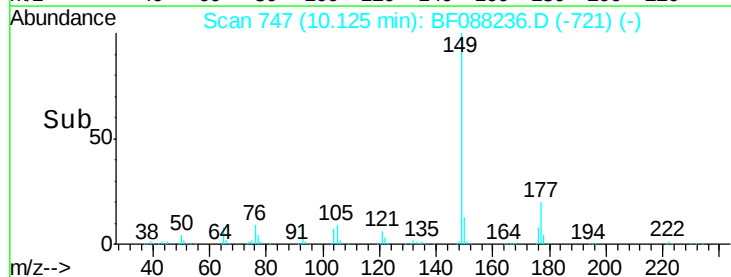
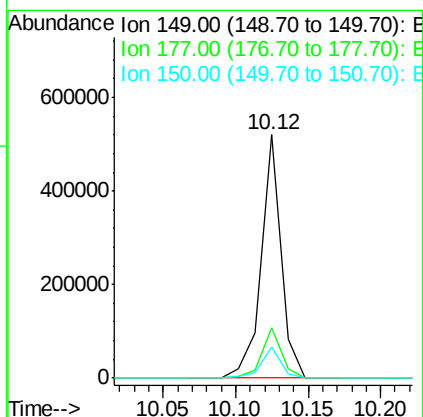
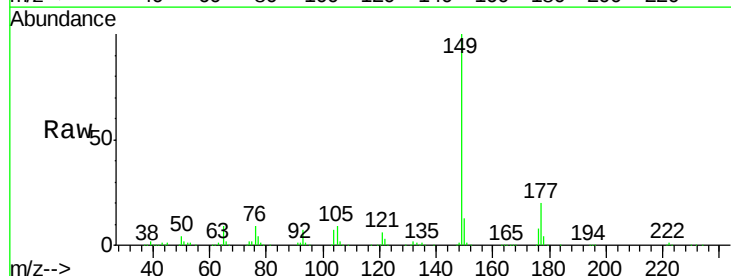
Instrument :
 BNA_F
 ClientSampleId :
 PB91486BS

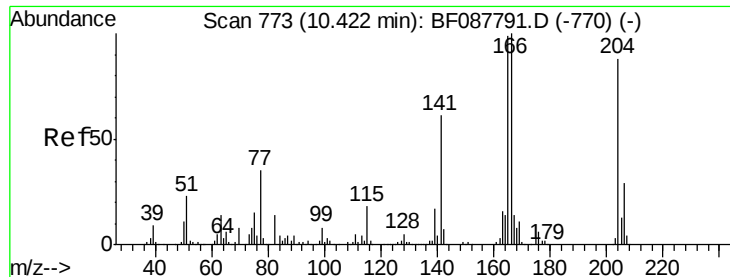
Tgt Ion	Ratio	Lower	Upper
232	100		
131	46.3	0.9	1.3#
130	2.2	1.5	2.3
166	30.7	0.5	0.7#



#59
 Diethylphthalate
 Concen: 39.85 ng
 RT: 10.12 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF088236.D
 Acq: 22 Jun 2016 2:34

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.4	16.9	25.3
150	12.6	10.1	15.1

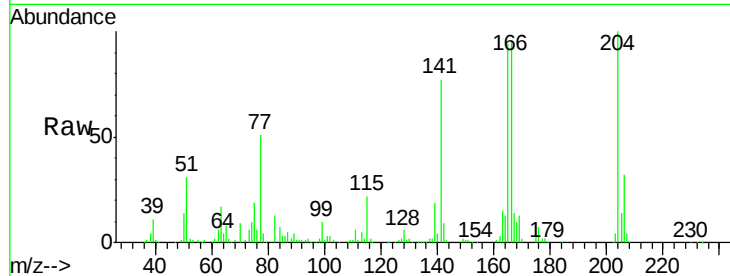




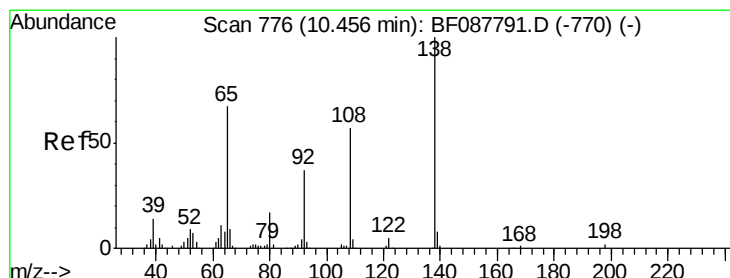
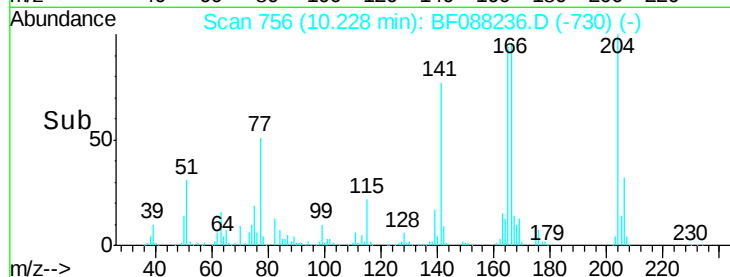
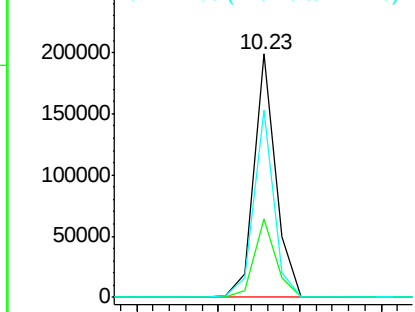
#60
 4-Chlorophenyl-phenylether
 Concen: 36.95 ng
 RT: 10.23 min Scan# 756
 Delta R.T. 0.00 min
 Lab File: BF088236.D
 Acq: 22 Jun 2016 2:34

Instrument :
 BNA_F
 ClientSampleId :
 PB91486BS

Tgt Ion: 204 Resp: 184138
 Ion Ratio Lower Upper
 204 100
 206 32.0 26.3 39.5
 141 76.7 55.0 82.6

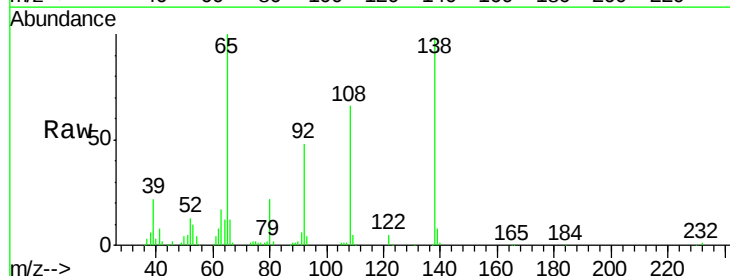


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

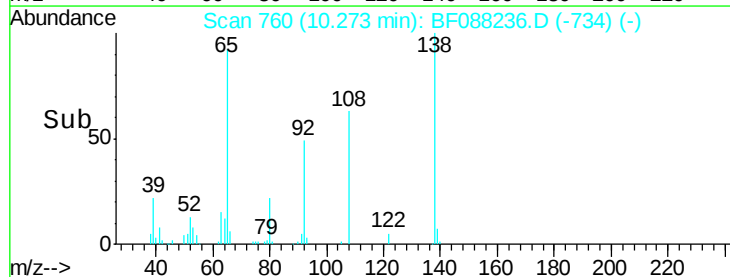
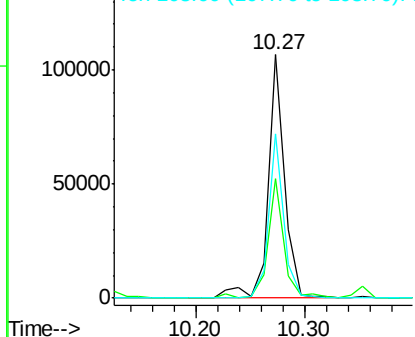


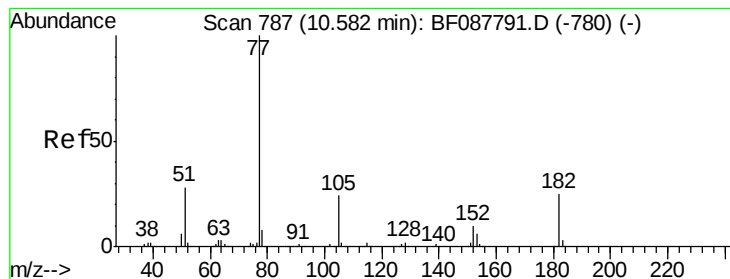
#61
 4-Nitroaniline
 Concen: 36.52 ng
 RT: 10.27 min Scan# 760
 Delta R.T. 0.00 min
 Lab File: BF088236.D
 Acq: 22 Jun 2016 2:34

Tgt Ion: 138 Resp: 112348
 Ion Ratio Lower Upper
 138 100
 92 48.9 27.3 67.3
 108 67.3 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: 39.47 ng

RT: 10.39 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF088236.D

Acq: 22 Jun 2016 2:34

Instrument :

BNA_F

ClientSampleId :

PB91486BS

Tgt Ion: 77 Resp: 484908

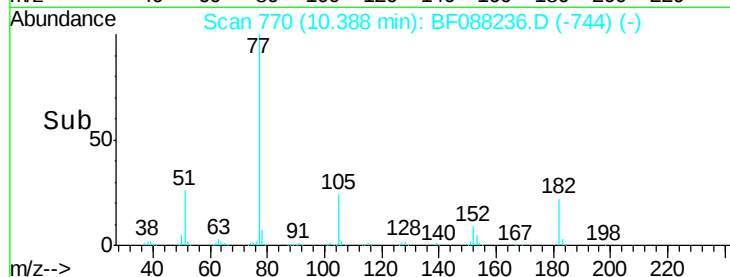
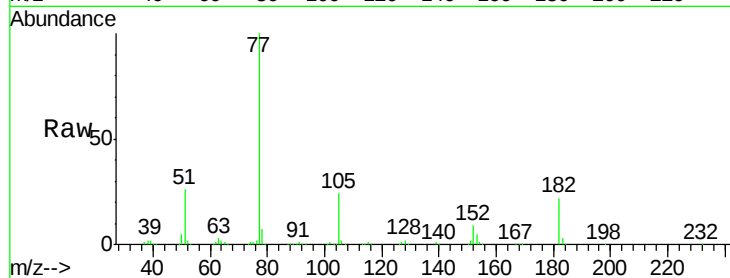
Ion Ratio Lower Upper

77 100

182 22.1 4.4 44.4

105 23.7 3.8 43.8

51 26.1 9.3 49.3

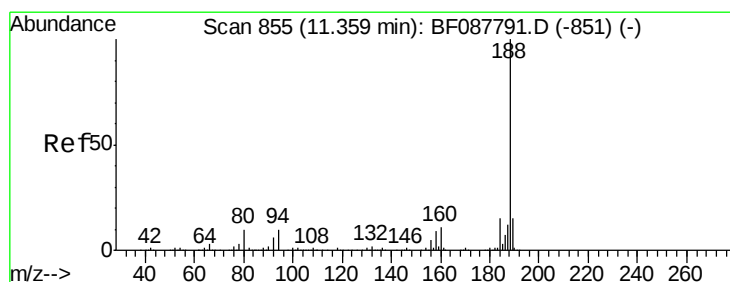
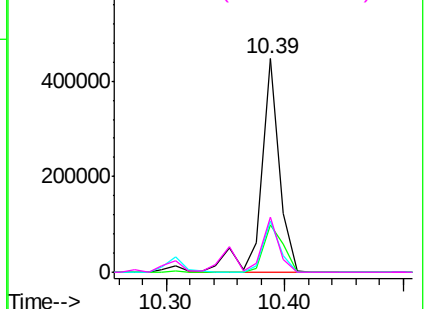


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.16 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF088236.D

Acq: 22 Jun 2016 2:34

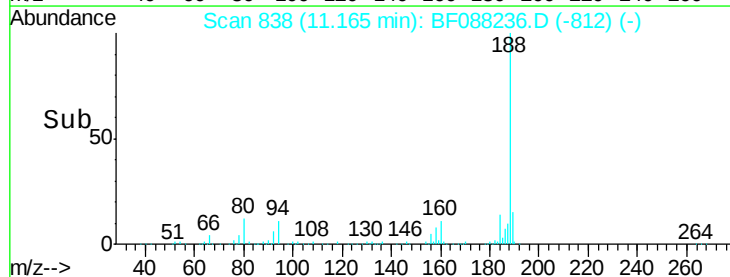
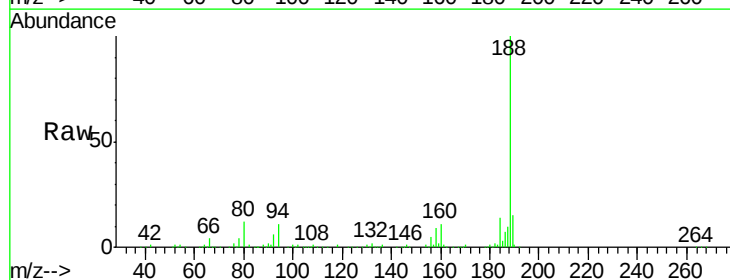
Tgt Ion: 188 Resp: 303368

Ion Ratio Lower Upper

188 100

94 11.2 9.0 13.6

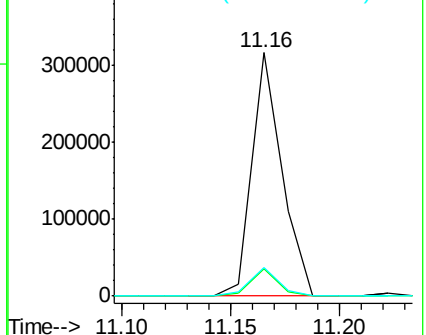
80 11.6 10.0 15.0

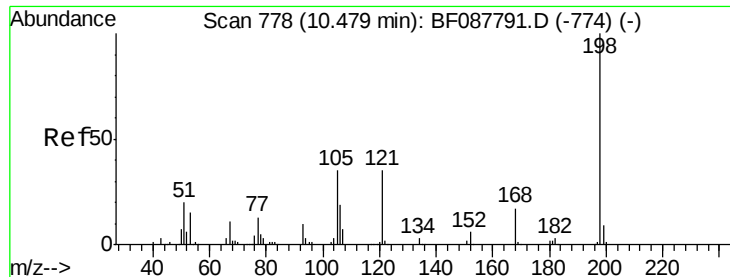


Abundance Ion 188.00 (187.70 to 188.70): BF0

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

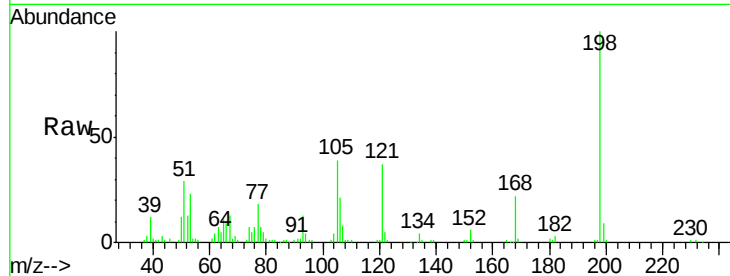




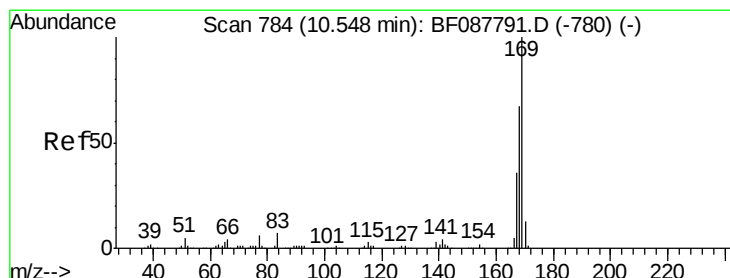
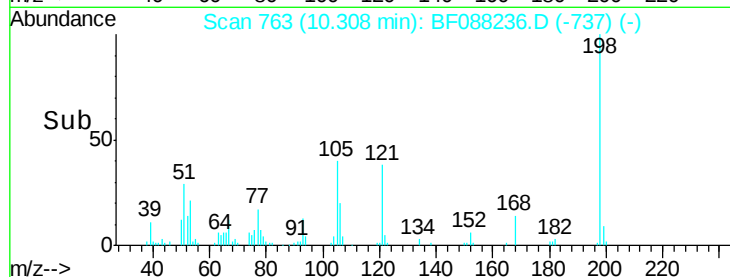
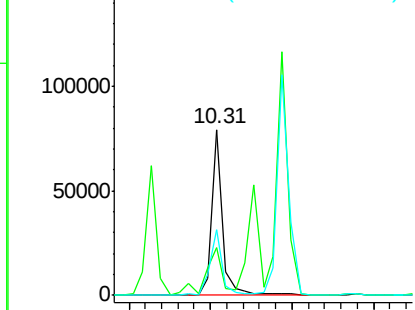
#64
4,6-Dinitro-2-methylphenol
Concen: 40.20 ng
RT: 10.31 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF088236.D
Acq: 22 Jun 2016 2:34

Instrument :
BNA_F
ClientSampleId :
PB91486BS

Tgt Ion:198 Resp: 75446
Ion Ratio Lower Upper
198 100
51 29.0 39.6 79.6#
105 39.3 36.6 76.6

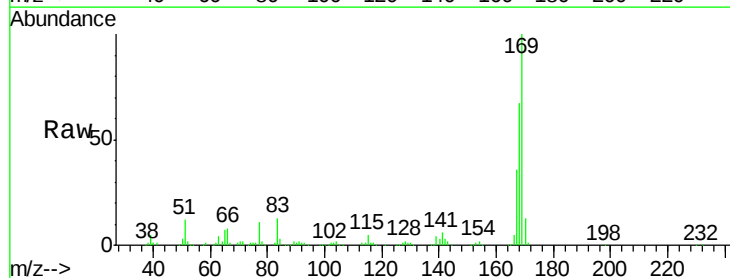


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

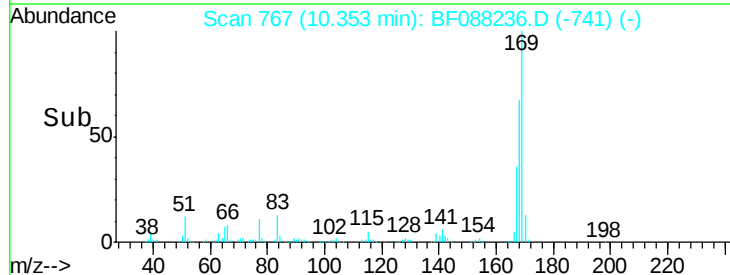
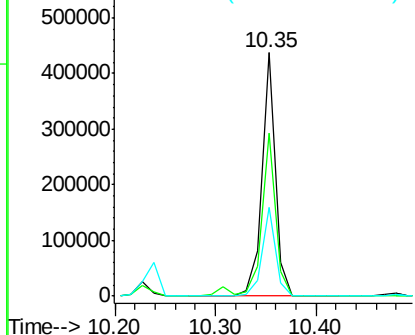


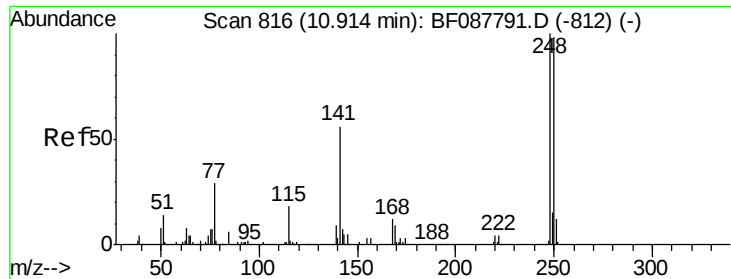
#65
n-Nitrosodiphenylamine
Concen: 40.36 ng
RT: 10.35 min Scan# 767
Delta R.T. 0.00 min
Lab File: BF088236.D
Acq: 22 Jun 2016 2:34

Tgt Ion:169 Resp: 406230
Ion Ratio Lower Upper
169 100
168 67.1 53.4 80.0
167 36.4 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

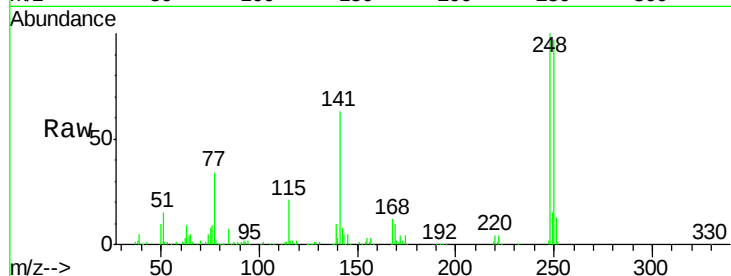




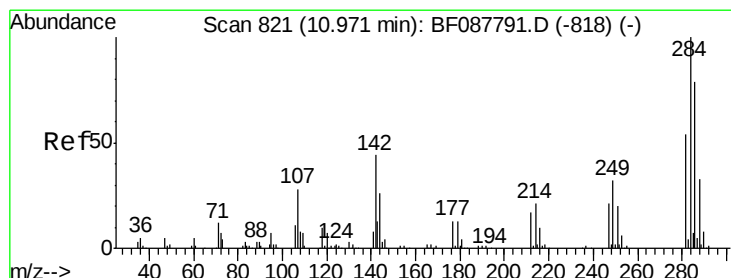
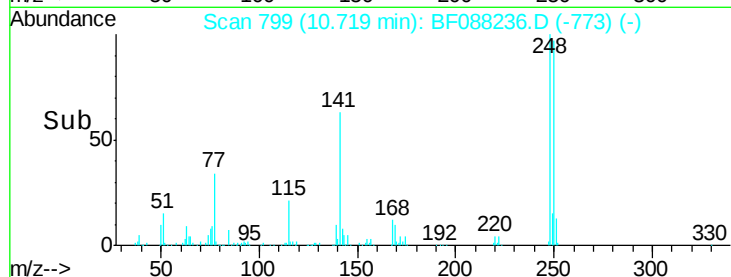
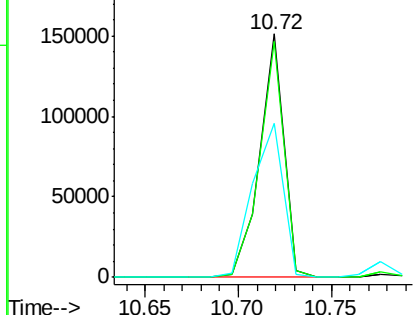
#66
 4-Bromophenyl-phenylether
 Concen: 41.55 ng
 RT: 10.72 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF088236.D
 Acq: 22 Jun 2016 2:34

Instrument :
 BNA_F
 ClientSampleId :
 PB91486BS

Tgt Ion:248 Resp: 135212
 Ion Ratio Lower Upper
 248 100
 250 96.9 77.1 115.7
 141 63.3 50.6 76.0

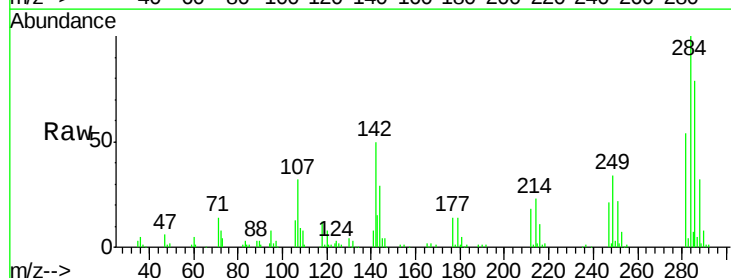


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

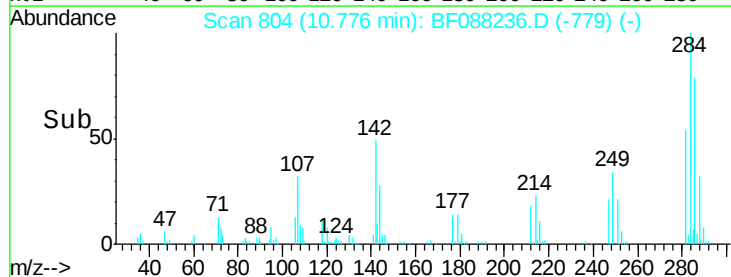
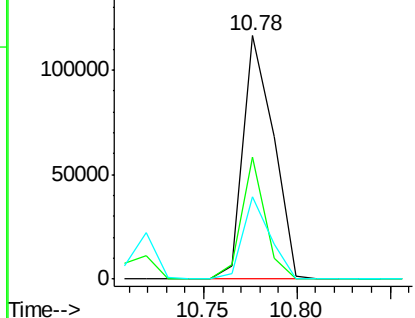


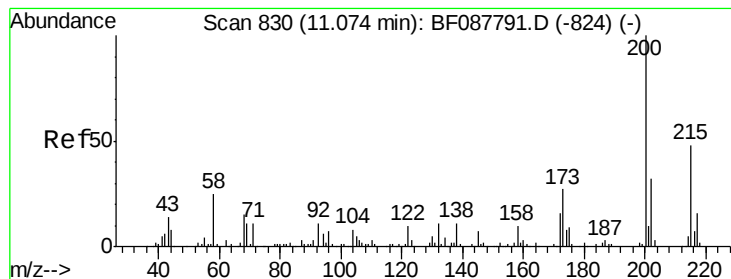
#67
 Hexachlorobenzene
 Concen: 38.97 ng
 RT: 10.78 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF088236.D
 Acq: 22 Jun 2016 2:34

Tgt Ion:284 Resp: 131796
 Ion Ratio Lower Upper
 284 100
 142 50.3 35.8 53.8
 249 34.1 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: 44.54 ng

RT: 10.89 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF088236.D

Acq: 22 Jun 2016 2:34

Instrument :

BNA_F

ClientSampleId :

PB91486BS

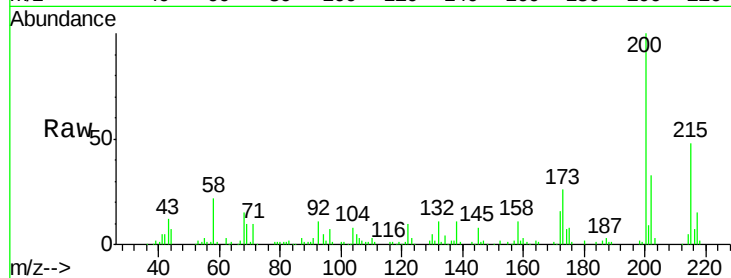
Tgt Ion:200 Resp: 135772

Ion Ratio Lower Upper

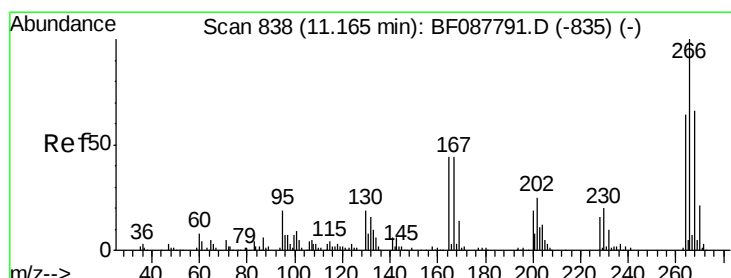
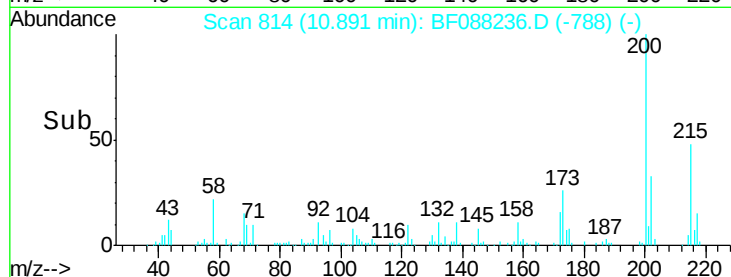
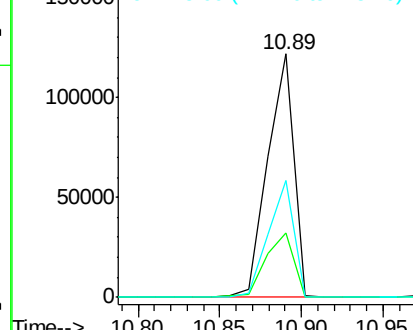
200 100

173 26.4 4.0 44.0

215 47.8 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: 57.23 ng

RT: 10.98 min Scan# 822

Delta R.T. 0.00 min

Lab File: BF088236.D

Acq: 22 Jun 2016 2:34

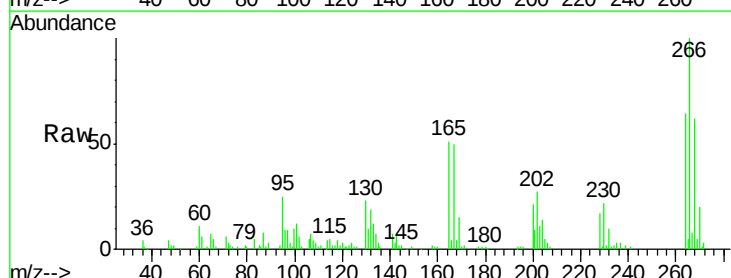
Tgt Ion:266 Resp: 102010

Ion Ratio Lower Upper

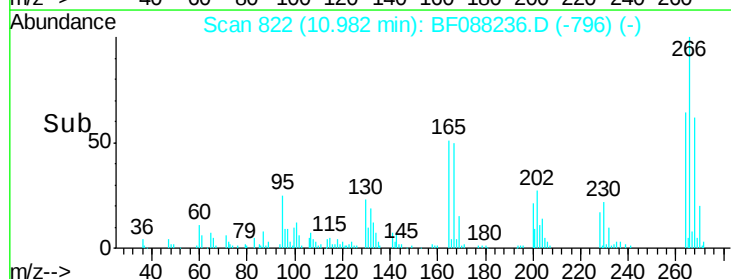
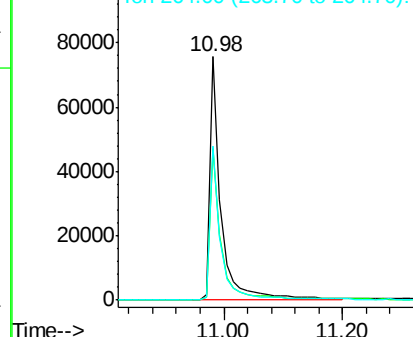
266 100

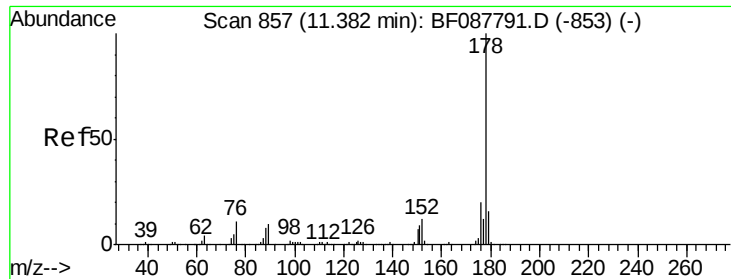
268 62.4 52.8 79.2

264 63.5 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

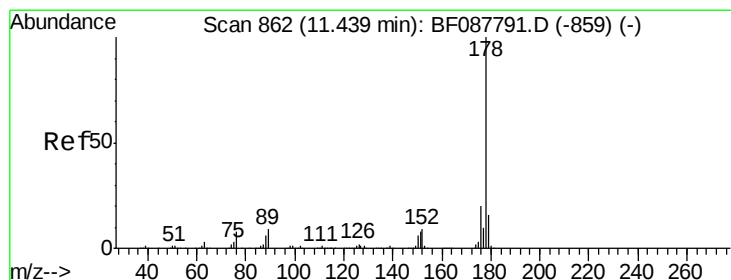
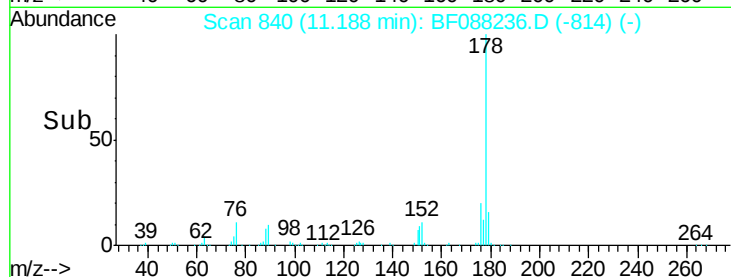
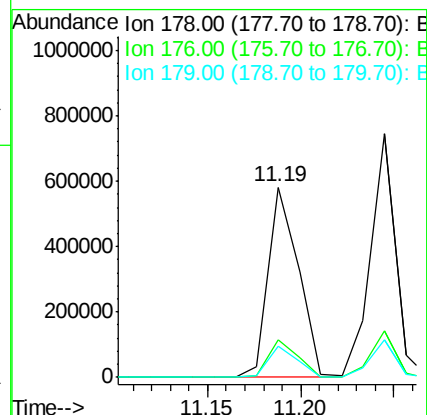
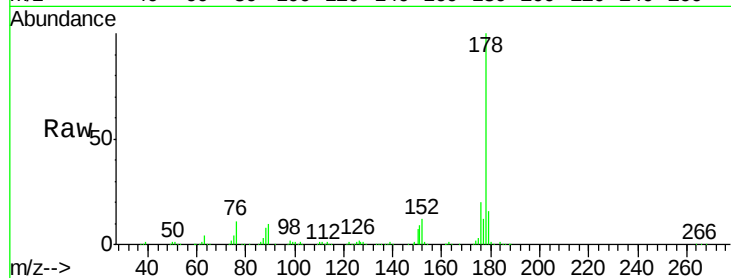




#70
Phenanthrene
Concen: 40.95 ng
RT: 11.19 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF088236.D
Acq: 22 Jun 2016 2:34

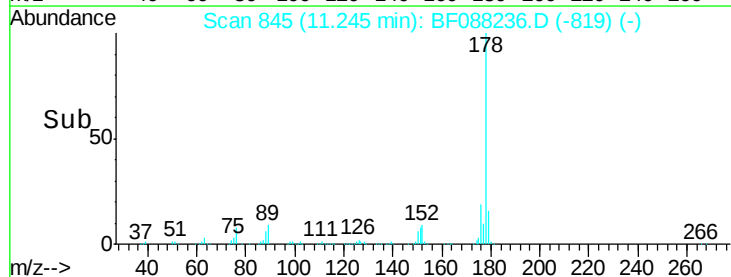
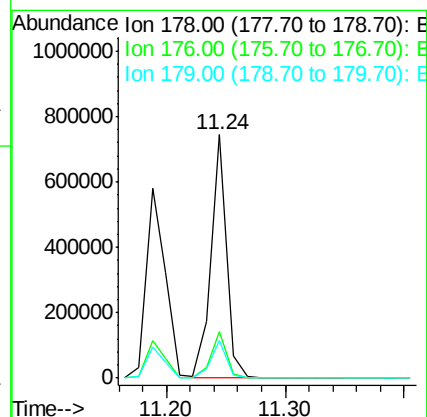
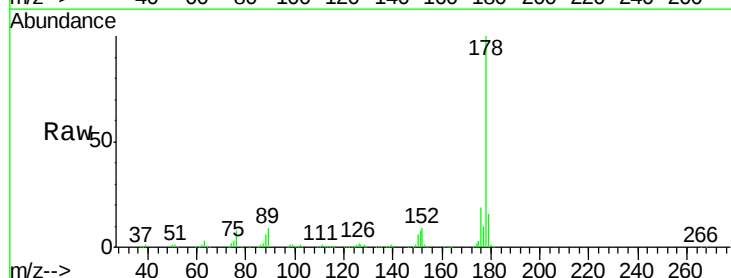
Instrument :
BNA_F
ClientSampleId :
PB91486BS

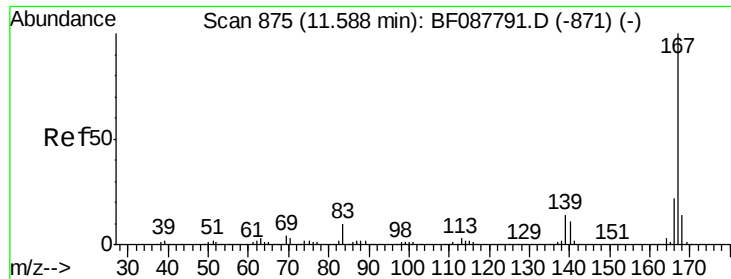
Tgt Ion:178 Resp: 651829
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.6
179 16.1 13.0 19.4



#71
Anthracene
Concen: 42.55 ng
RT: 11.24 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF088236.D
Acq: 22 Jun 2016 2:34

Tgt Ion:178 Resp: 683189
Ion Ratio Lower Upper
178 100
176 19.0 15.6 23.4
179 15.6 12.8 19.2





#72

Carbazole

Concen: 43.67 ng

RT: 11.40 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF088236.D

Acq: 22 Jun 2016 2:34

Instrument :

BNA_F

ClientSampleId :

PB91486BS

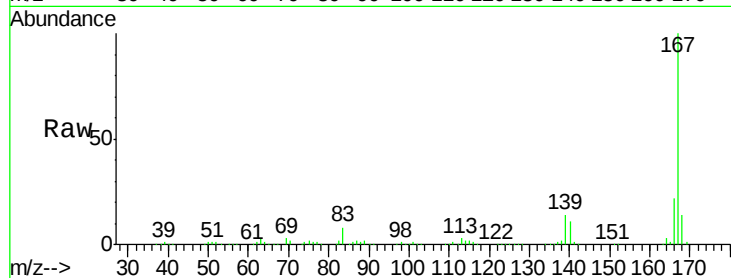
Tgt Ion:167 Resp: 656182

Ion Ratio Lower Upper

167 100

166 22.2 17.8 26.6

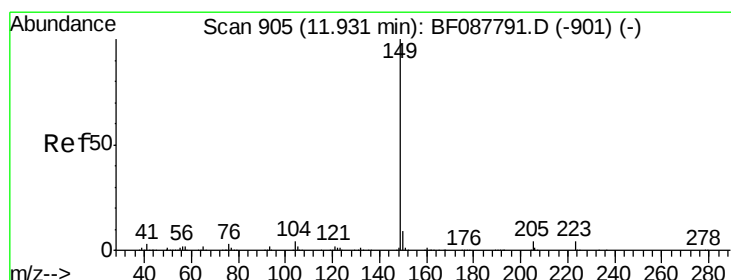
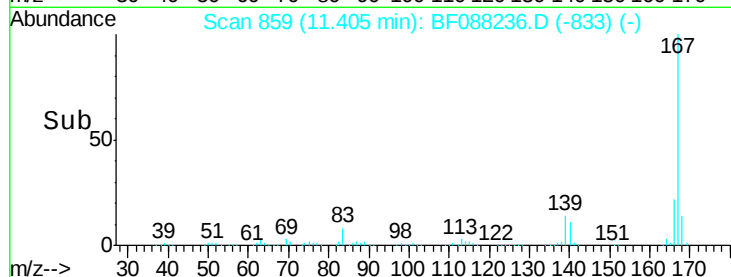
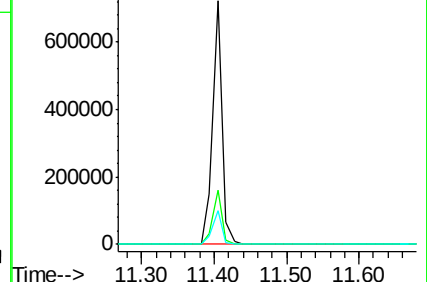
139 13.7 11.2 16.8



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: 39.59 ng

RT: 11.74 min Scan# 888

Delta R.T. 0.00 min

Lab File: BF088236.D

Acq: 22 Jun 2016 2:34

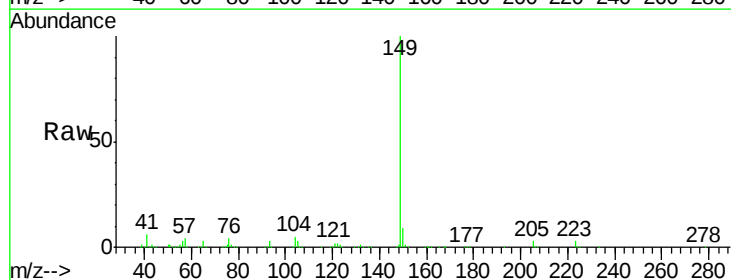
Tgt Ion:149 Resp: 753160

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

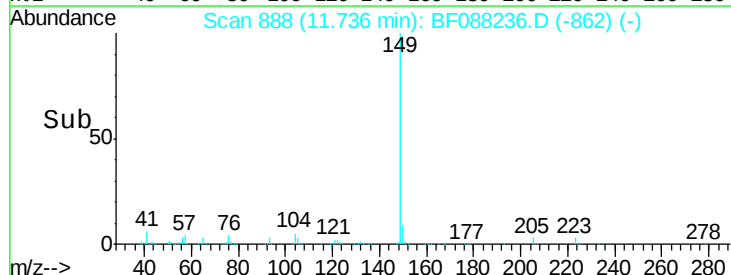
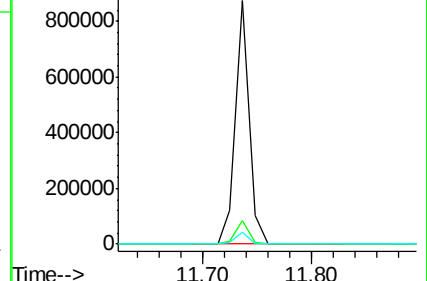
104 4.8 4.0 6.0

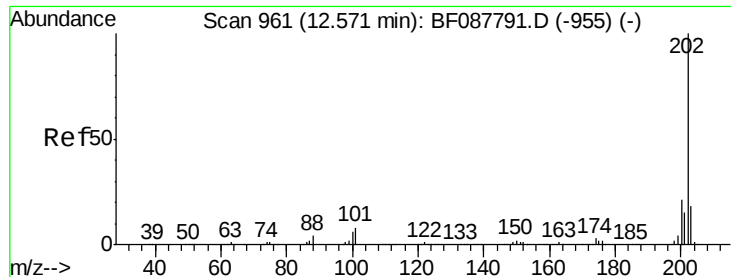


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

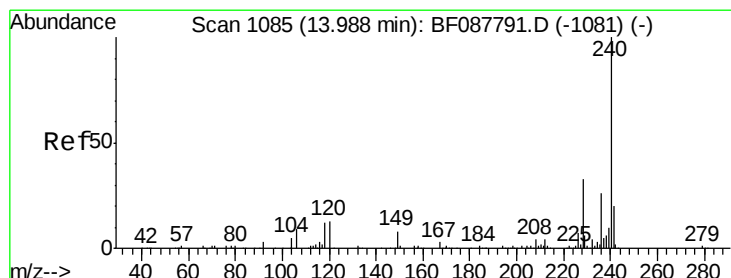
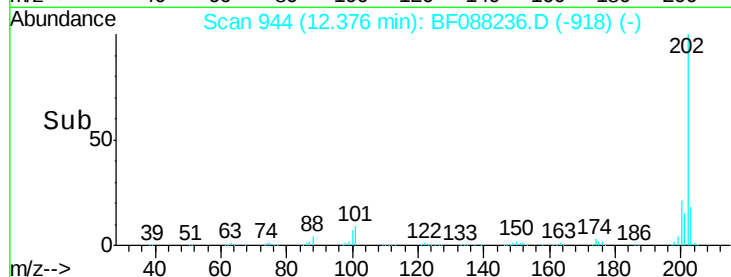
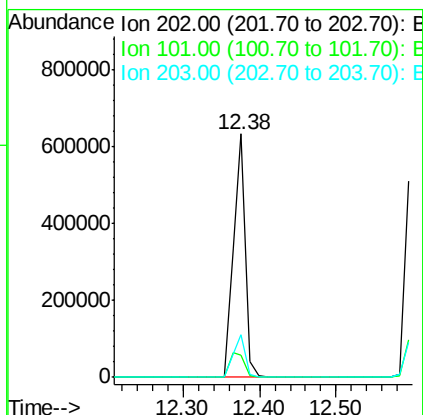
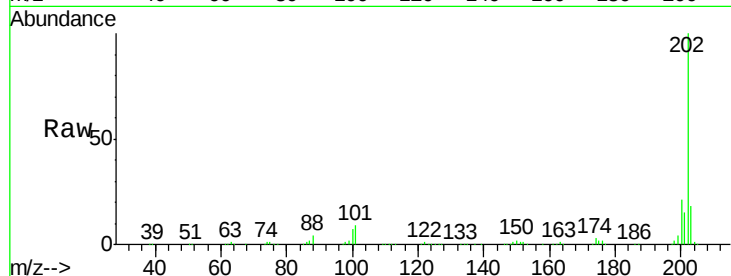




#74
 Fluoranthene
 Concen: 41.49 ng
 RT: 12.38 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: BF088236.D
 Acq: 22 Jun 2016 2:34

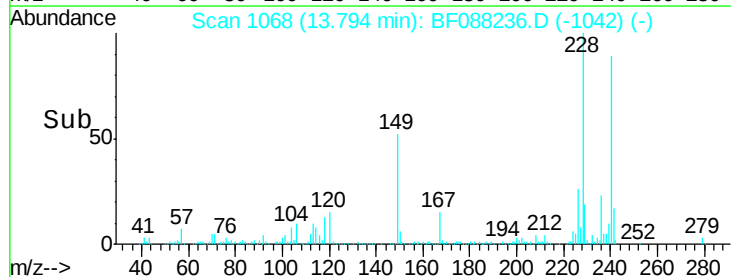
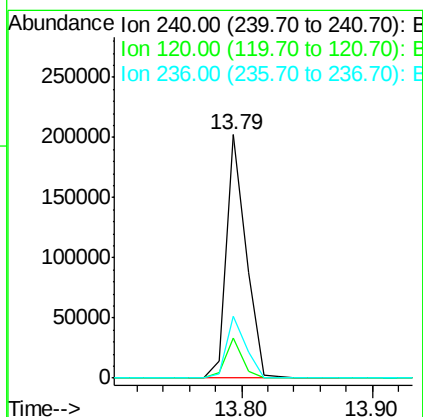
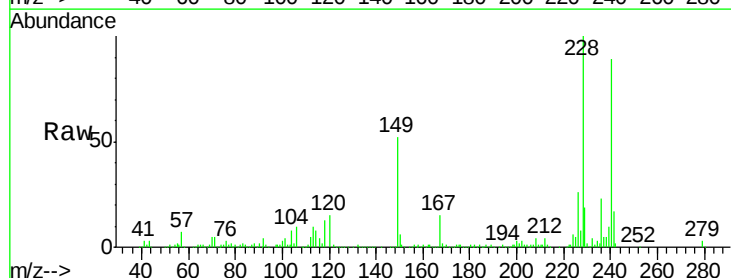
Instrument :
 BNA_F
 ClientSampleId :
 PB91486BS

Tgt Ion: 202 Resp: 697097
 Ion Ratio Lower Upper
 202 100
 101 9.3 0.0 33.1
 203 17.5 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.79 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: BF088236.D
 Acq: 22 Jun 2016 2:34

Tgt Ion: 240 Resp: 211795
 Ion Ratio Lower Upper
 240 100
 120 16.6 6.8 10.2#
 236 25.6 20.2 30.2

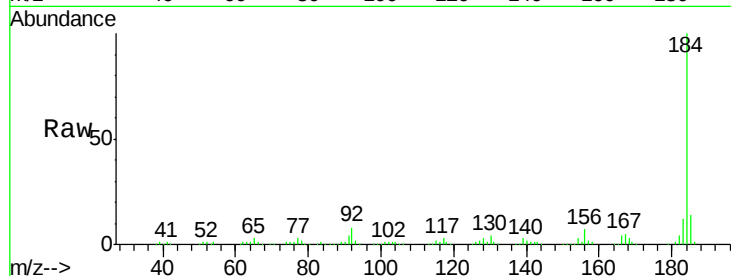




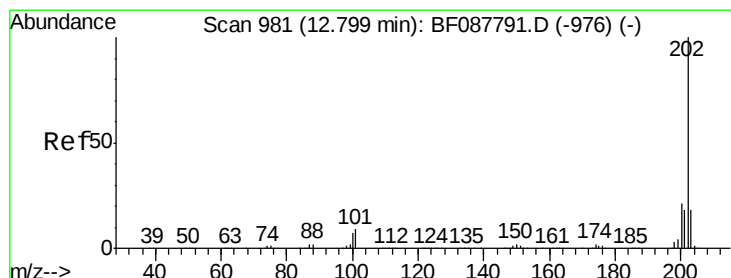
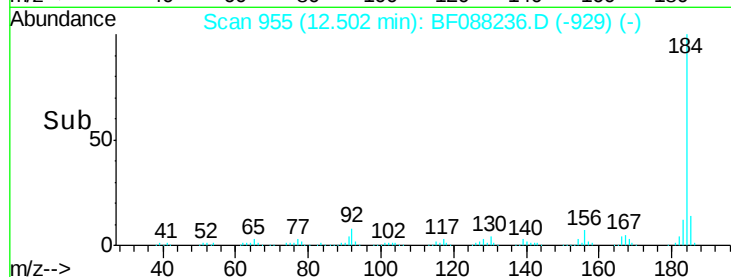
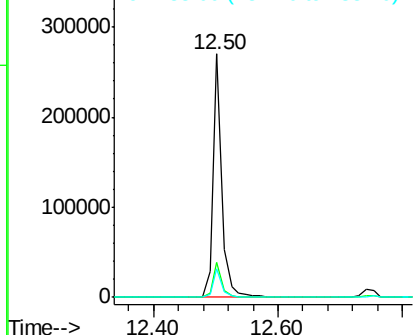
#76
Benzidine
Concen: 44.63 ng
RT: 12.50 min Scan# 955
Delta R.T. 0.00 min
Lab File: BF088236.D
Acq: 22 Jun 2016 2:34

Instrument :
BNA_F
ClientSampleId :
PB91486BS

Tgt Ion:184 Resp: 261751
Ion Ratio Lower Upper
184 100
185 14.5 12.5 18.7
183 11.5 9.3 13.9

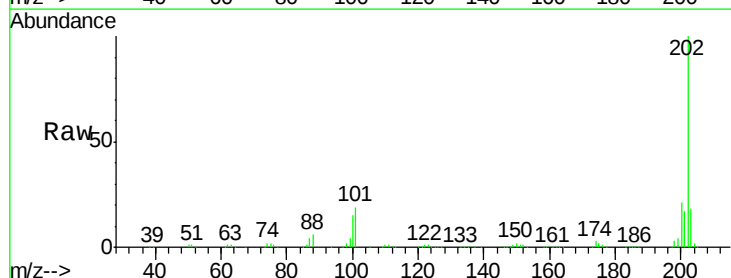


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

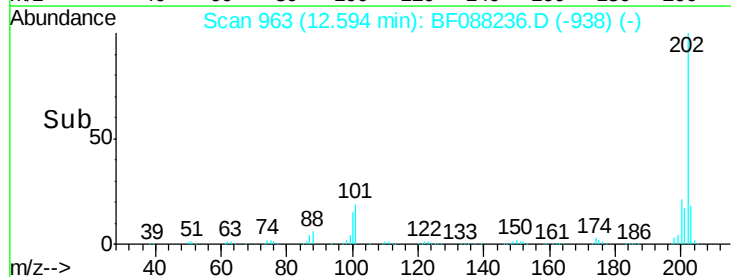
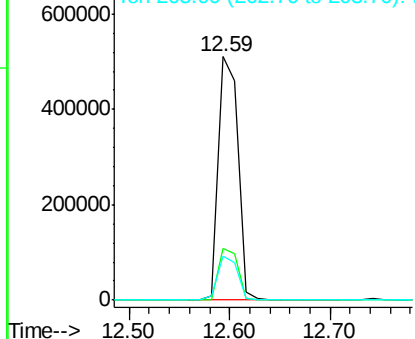


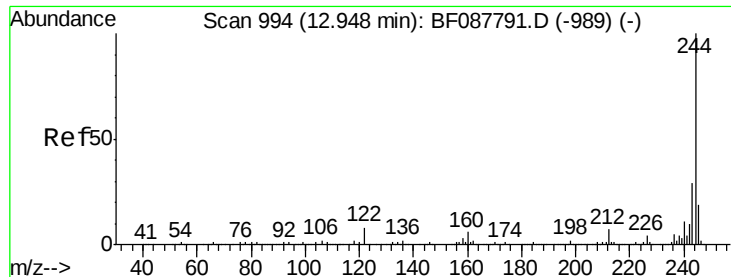
#77
Pyrene
Concen: 43.75 ng
RT: 12.59 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF088236.D
Acq: 22 Jun 2016 2:34

Tgt Ion:202 Resp: 687575
Ion Ratio Lower Upper
202 100
200 21.0 17.4 26.2
203 18.0 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

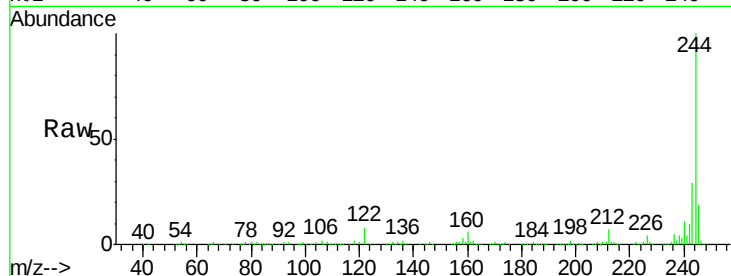




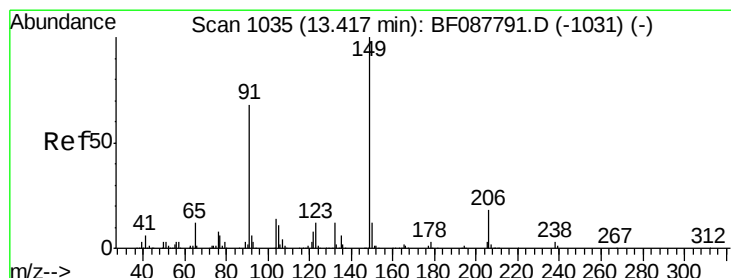
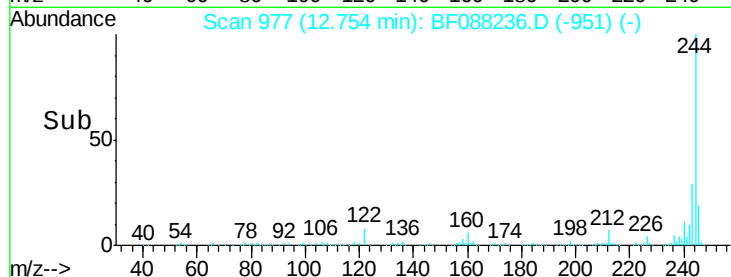
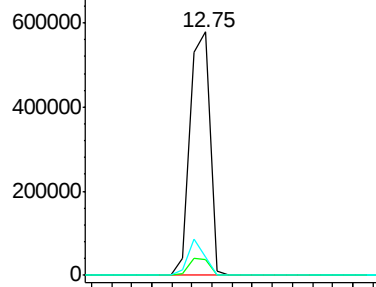
#78
 Terphenyl-d14
 Concen: 85.79 ng
 RT: 12.75 min Scan# 977
 Delta R.T. 0.00 min
 Lab File: BF088236.D
 Acq: 22 Jun 2016 2:34

Instrument :
 BNA_F
 ClientSampleId :
 PB91486BS

Tgt Ion: 244 Resp: 798446
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 7.6 11.2 16.8#

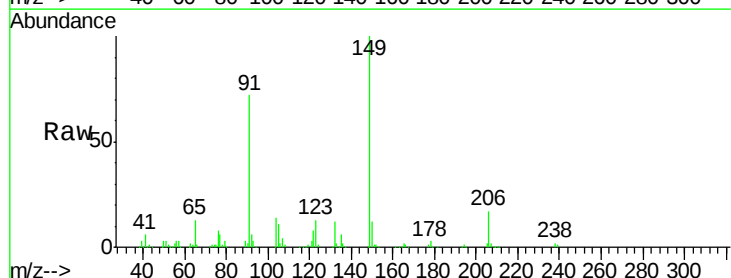


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

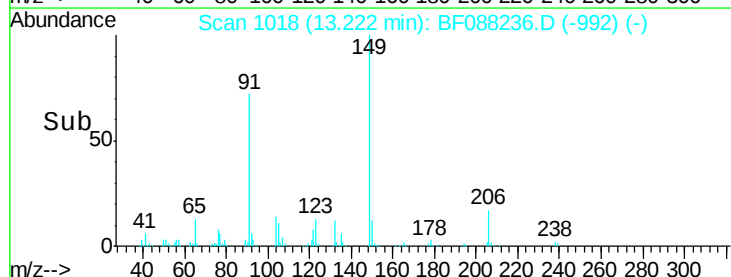
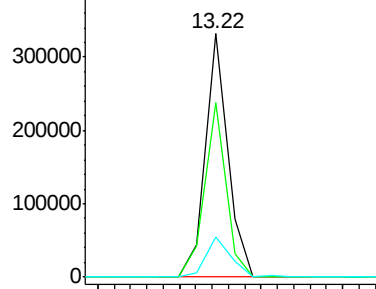


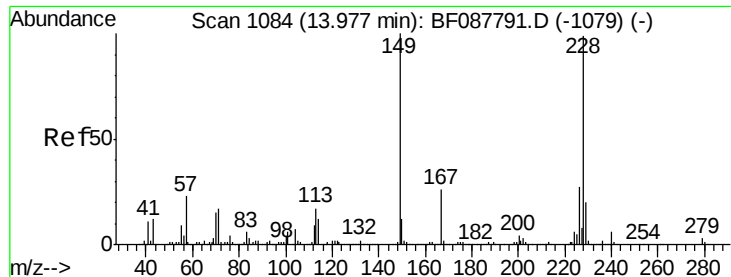
#79
 Butylbenzylphthalate
 Concen: 45.13 ng
 RT: 13.22 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF088236.D
 Acq: 22 Jun 2016 2:34

Tgt Ion: 149 Resp: 313596
 Ion Ratio Lower Upper
 149 100
 91 71.8 48.0 72.0
 206 16.6 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: 40.09 ng

RT: 13.78 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BF088236.D

Acq: 22 Jun 2016 2:34

Instrument :

BNA_F

ClientSampleId :

PB91486BS

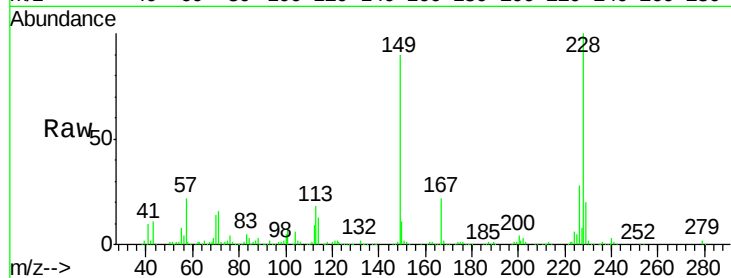
Tgt Ion:228 Resp: 483812

Ion Ratio Lower Upper

228 100

226 27.7 22.3 33.5

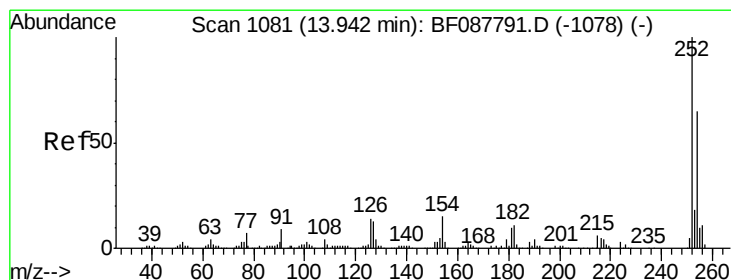
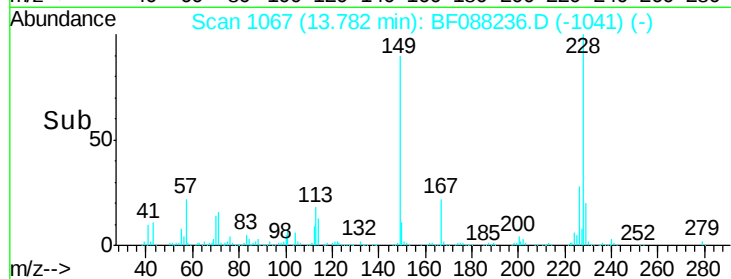
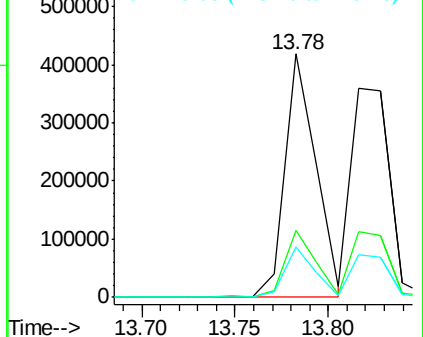
229 20.4 16.0 24.0



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: 31.94 ng

RT: 13.75 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF088236.D

Acq: 22 Jun 2016 2:34

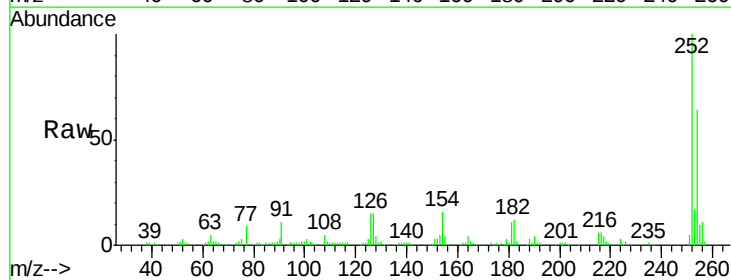
Tgt Ion:252 Resp: 103683

Ion Ratio Lower Upper

252 100

254 63.6 52.6 78.8

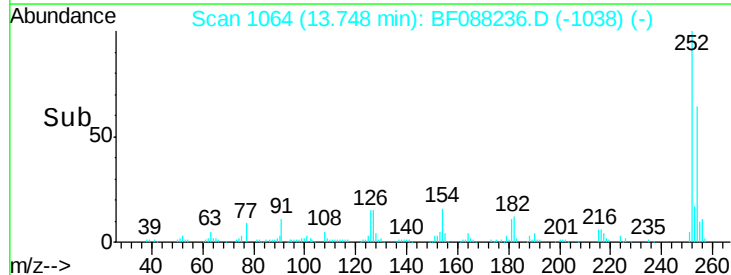
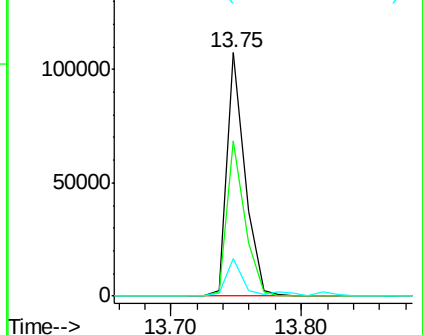
126 15.3 6.2 9.2#

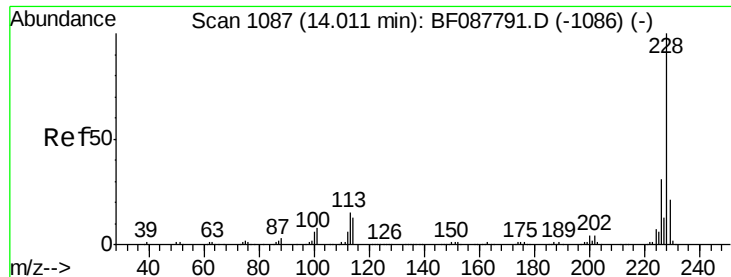


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 45.72 ng

RT: 13.82 min Scan# 1070

Delta R.T. -0.01 min

Lab File: BF088236.D

Acq: 22 Jun 2016 2:34

Instrument :

BNA_F

ClientSampleId :

PB91486BS

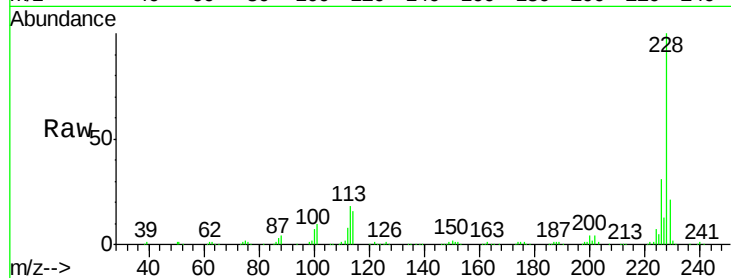
Tgt Ion: 228 Resp: 519159

Ion Ratio Lower Upper

228 100

226 31.1 25.4 38.2

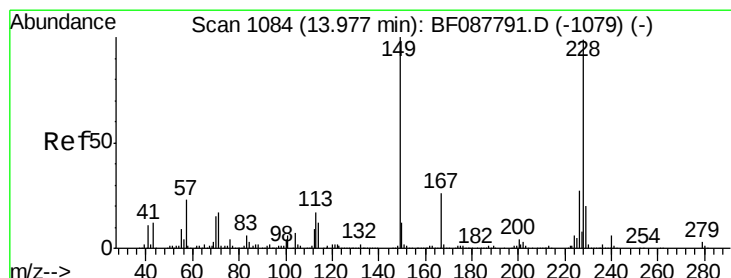
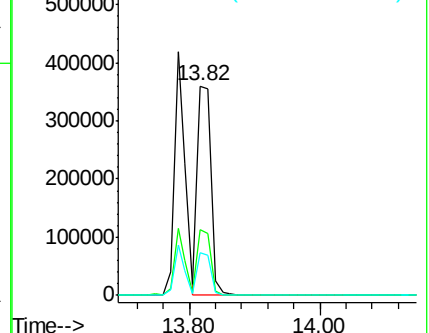
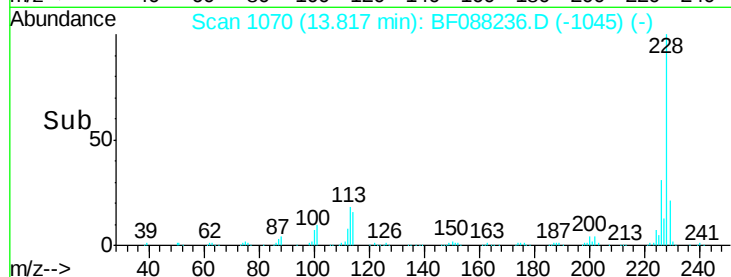
229 20.6 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 44.01 ng

RT: 13.78 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BF088236.D

Acq: 22 Jun 2016 2:34

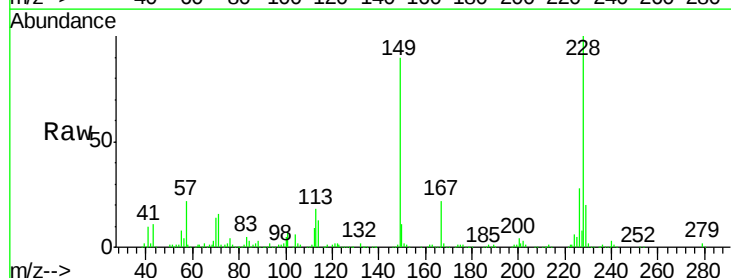
Tgt Ion: 149 Resp: 372254

Ion Ratio Lower Upper

149 100

167 24.8 20.5 30.7

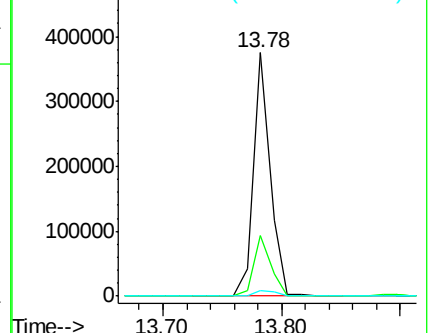
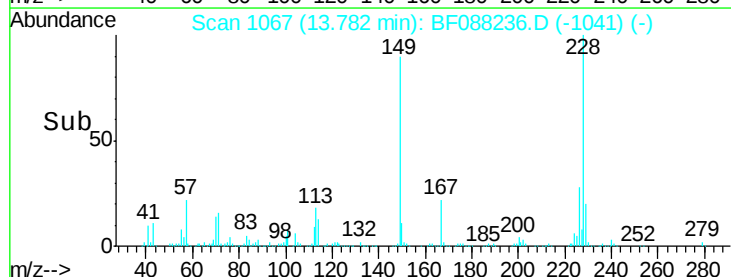
279 2.4 2.0 3.0

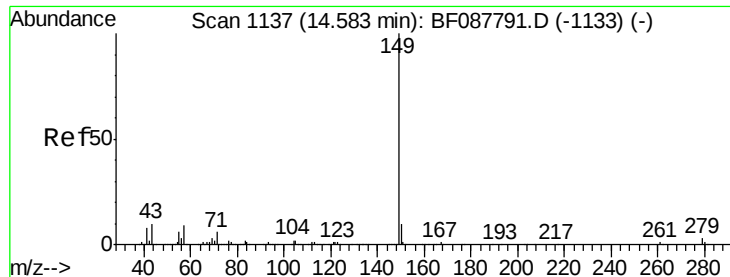


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

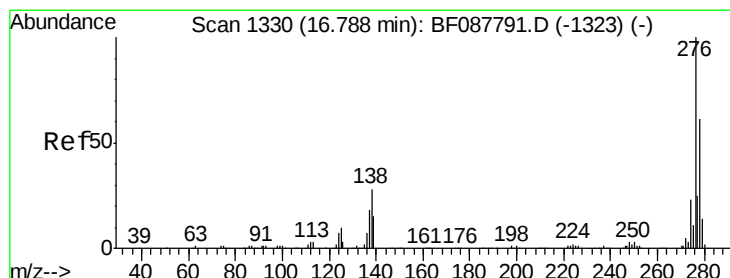
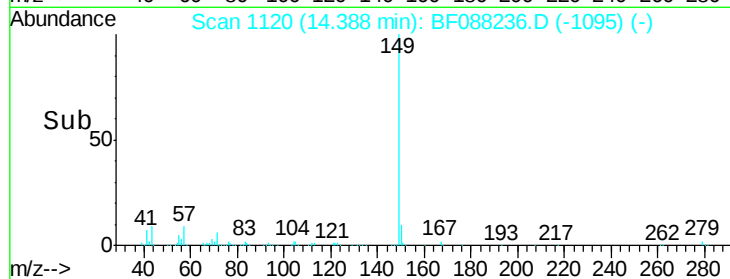
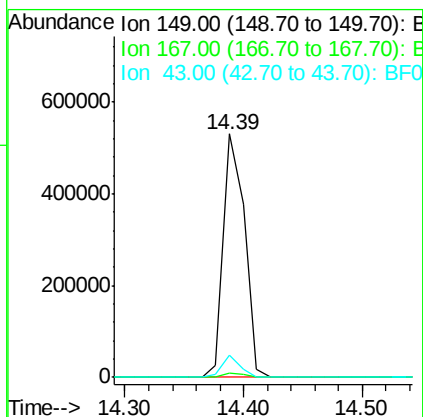
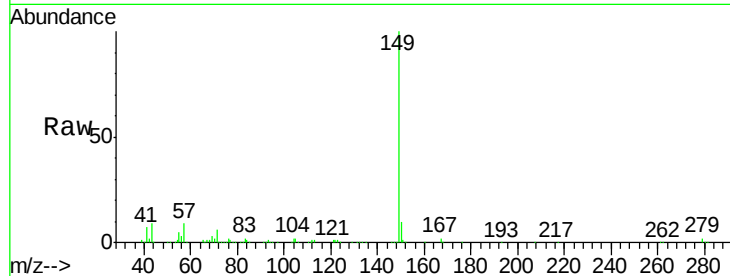




#84
Di-n-octyl phthalate
Concen: 47.76 ng
RT: 14.39 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF088236.D
Acq: 22 Jun 2016 2:34

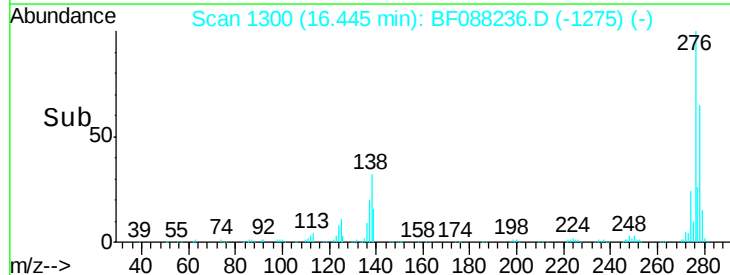
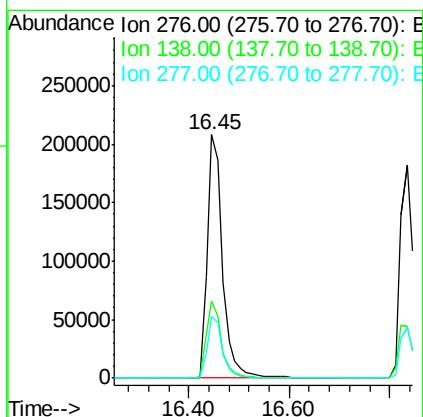
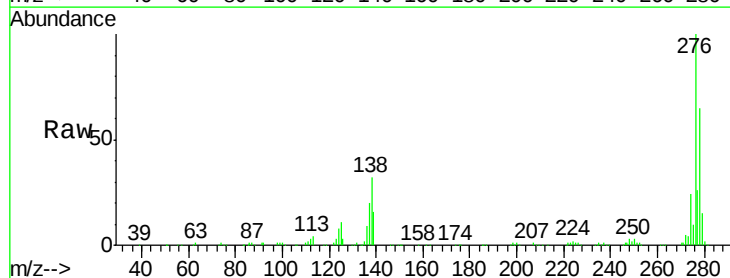
Instrument :
BNA_F
ClientSampleId :
PB91486BS

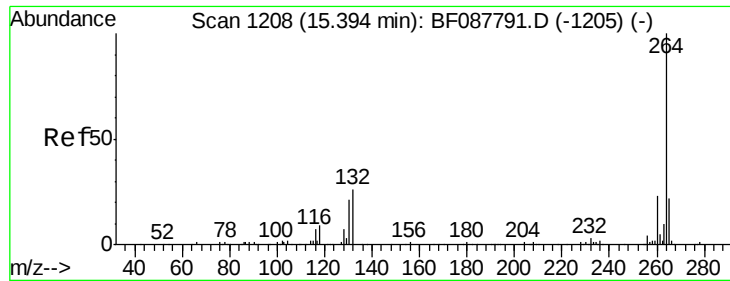
Tgt Ion:149 Resp: 656477
Ion Ratio Lower Upper
149 100
167 1.6 0.0 0.0#
43 7.7 0.0 0.0#



#85
Indeno(1,2,3-cd)pyrene
Concen: 41.58 ng
RT: 16.45 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF088236.D
Acq: 22 Jun 2016 2:34

Tgt Ion:276 Resp: 438612
Ion Ratio Lower Upper
276 100
138 31.2 0.0 0.0#
277 24.8 0.0 0.0#

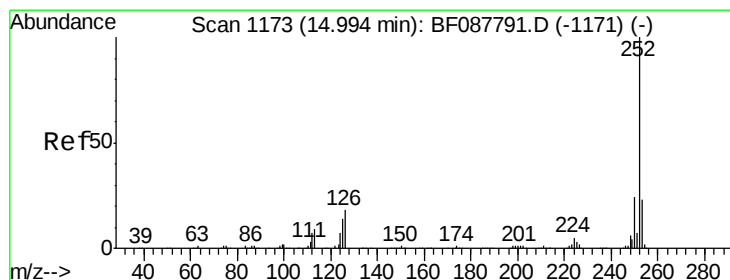
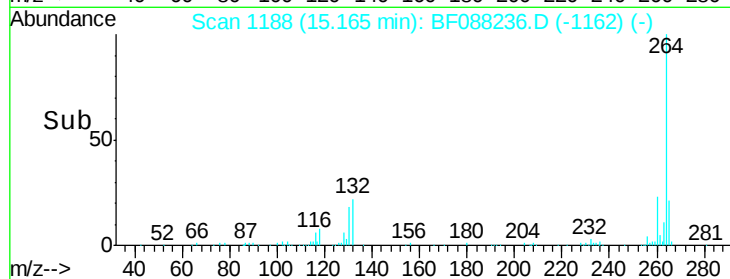
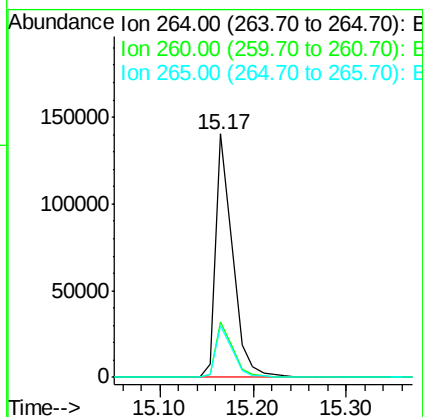
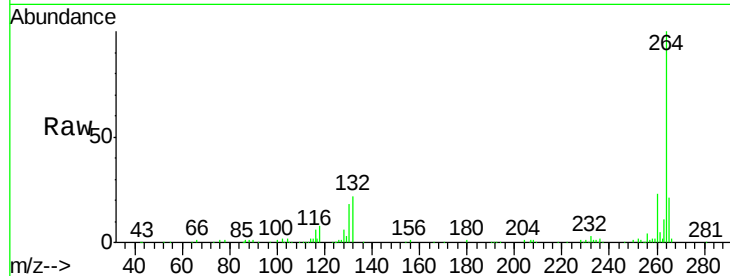




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF088236.D
Acq: 22 Jun 2016 2:34

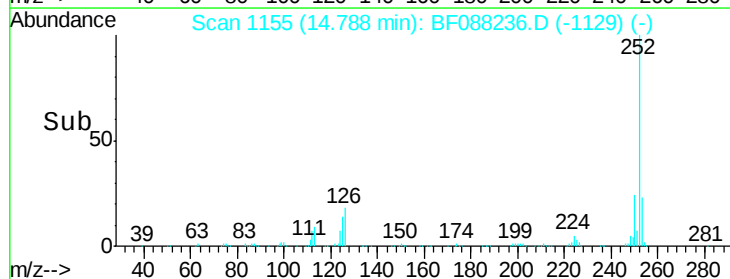
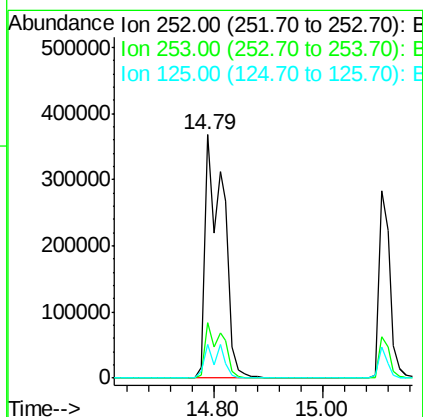
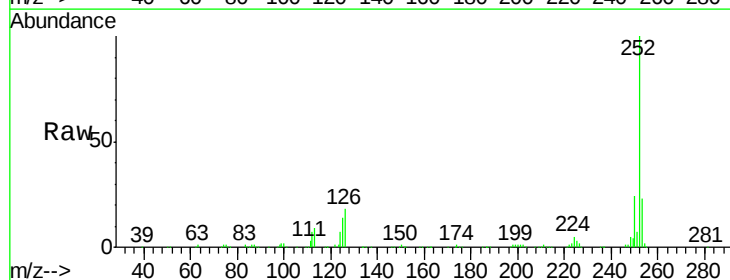
Instrument :
BNA_F
ClientSampleId :
PB91486BS

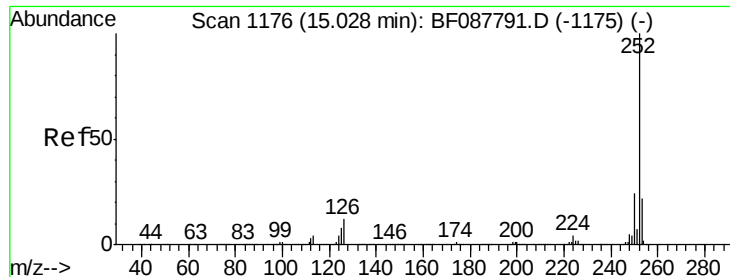
Tgt Ion: 264 Resp: 175200
Ion Ratio Lower Upper
264 100
260 22.7 19.2 28.8
265 21.2 16.9 25.3



#87
Benzo(b)fluoranthene
Concen: 70.98 ng
RT: 14.79 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF088236.D
Acq: 22 Jun 2016 2:34

Tgt Ion: 252 Resp: 866767
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 14.1 7.1 10.7#





#88

Benzo(k)fluoranthene

Concen: 94.12 ng

RT: 14.79 min Scan# 1155

Delta R.T. -0.03 min

Lab File: BF088236.D

Acq: 22 Jun 2016 2:34

Instrument :

BNA_F

ClientSampleId :

PB91486BS

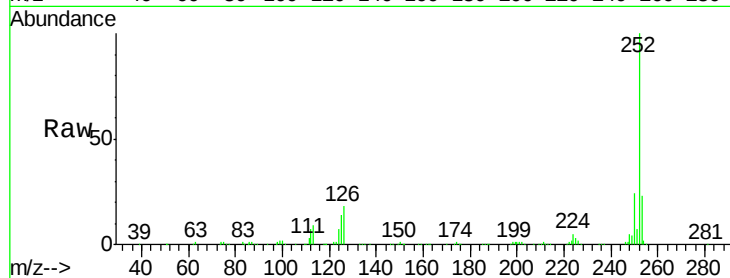
Tgt Ion:252 Resp: 867017

Ion Ratio Lower Upper

252 100

253 22.6 18.0 27.0

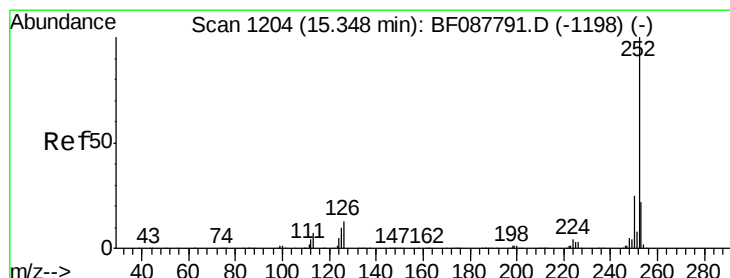
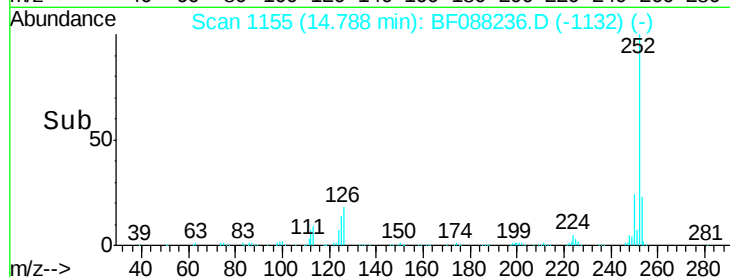
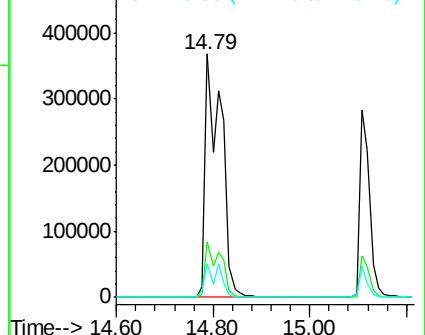
125 14.1 11.2 16.8



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: 41.06 ng

RT: 15.11 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF088236.D

Acq: 22 Jun 2016 2:34

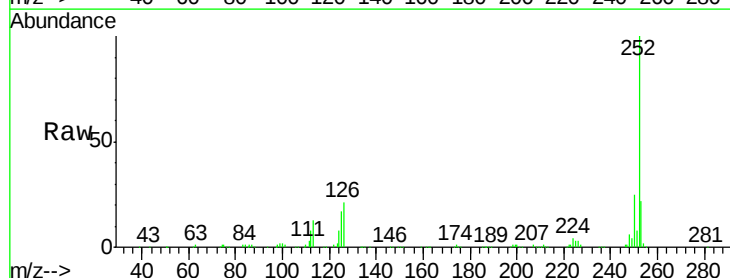
Tgt Ion:252 Resp: 405682

Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

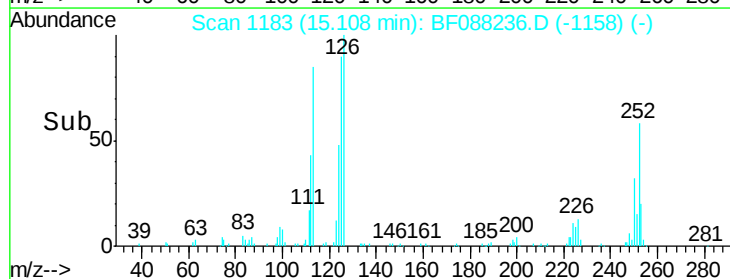
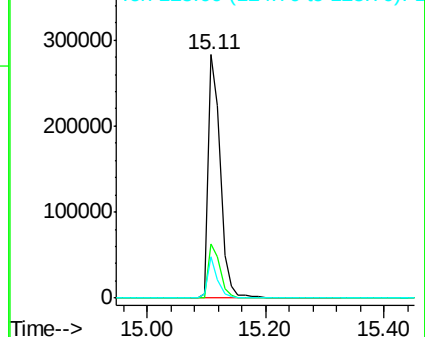
125 16.8 12.5 18.7



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

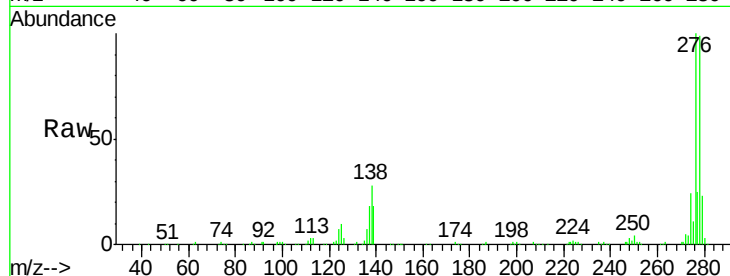




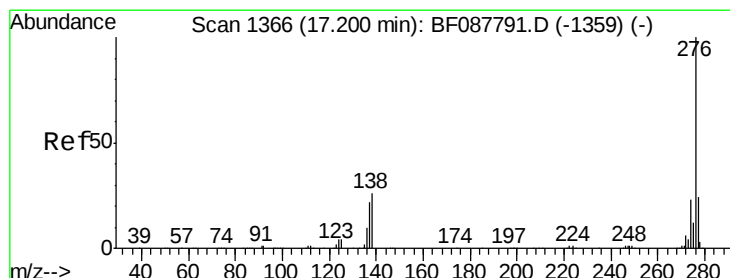
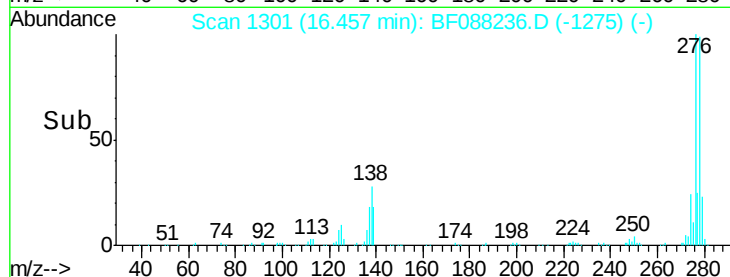
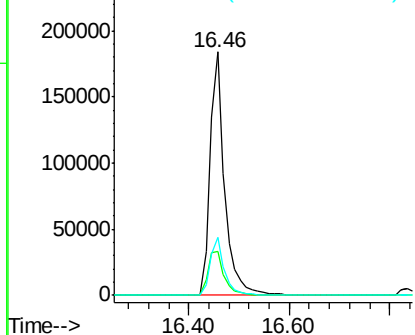
#90
Dibenzo(a,h)anthracene
Concen: 40.12 ng
RT: 16.46 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF088236.D
Acq: 22 Jun 2016 2:34

Instrument :
BNA_F
ClientSampleId :
PB91486BS

Tgt Ion:278 Resp: 368104
Ion Ratio Lower Upper
278 100
139 18.2 15.7 23.5
279 23.6 19.4 29.2

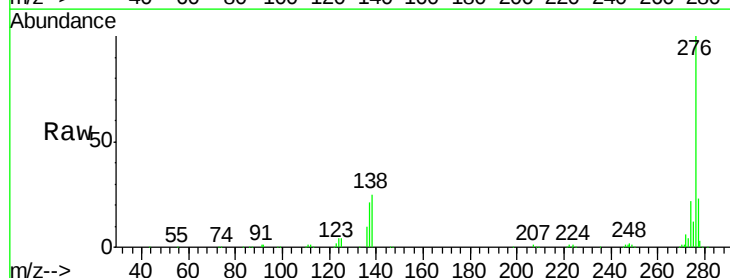


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 41.51 ng
RT: 16.83 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF088236.D
Acq: 22 Jun 2016 2:34

Tgt Ion:276 Resp: 391854
Ion Ratio Lower Upper
276 100
277 23.5 18.9 28.3
138 24.6 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

