

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
 Data File : BF088289.D
 Acq On : 23 Jun 2016 11:49
 Operator : UM/SJ
 Sample : H3084-08MSD
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 23 13:53:48 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	21302	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	81307	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	35511	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	54871	20.00	ng	0.00
75) Chrysene-d12	13.75	240	47116	20.00	ng	0.00
86) Perylene-d12	15.12	264	35367	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	14830	11.90	ng	0.03
7) Phenol-d6	6.28	99	13786	9.13	ng	0.02
23) Nitrobenzene-d5	7.18	82	23160	16.63	ng	0.00
41) 2,4,6-Tribromophenol	10.43	330	10436	27.83	ng	0.00
44) 2-Fluorobiphenyl	8.98	172	32759	9.58	ng	0.01
78) Terphenyl-d14	12.70	244	40776	19.69	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.02	88	168693	278.61	ng	# 44
4) n-Nitrosodimethylamine	2.72	42	1584	2.62	ng	# 75
6) Aniline	6.27	93	5742	2.67	ng	# 84
8) 2-Chlorophenol	6.40	128	20076	13.61	ng	88
9) Benzaldehyde	6.15	77	17219	14.21	ng	86
10) Phenol	6.30	94	7920	2.74	ng	86
11) bis(2-Chloroethyl)ether	6.34	93	114590	86.54	ng	86
12) 1,3-Dichlorobenzene	6.54	146	23384	14.78	ng	95
13) 1,4-Dichlorobenzene	6.62	146	50001	31.37	ng	98
14) 1,2-Dichlorobenzene	6.78	146	33789	23.31	ng	97
15) Benzyl Alcohol	6.76	79	13165	11.14	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.89	45	24461	13.67	ng	74
17) 2-Methylphenol	6.90	107	12381	10.35	ng	# 91
18) Hexachloroethane	7.11	117	5127	9.06	ng	# 86
19) n-Nitroso-di-n-propylamine	7.03	70	17286	17.89	ng	# 85
20) 3+4-Methylphenols	7.06	107	18052	12.94	ng	# 76
22) Acetophenone	7.03	105	32570	17.93	ng	# 96
24) Nitrobenzene	7.20	77	24360	18.06	ng	98
25) Isophorone	7.44	82	45340	17.58	ng	94
27) 2,4-Dimethylphenol	7.58	122	21372	16.07	ng	97
28) bis(2-Chloroethoxy)methane	7.66	93	31740	19.84	ng	98
29) 2,4-Dichlorophenol	7.78	162	18142	16.33	ng	96
30) 1,2,4-Trichlorobenzene	7.84	180	18774	15.52	ng	98
31) Naphthalene	7.91	128	72198	17.94	ng	99
32) Benzoic acid	7.71	122	3244	4.43	ng	92
33) 4-Chloroaniline	7.99	127	5615	3.13	ng	97
34) Hexachlorobutadiene	8.03	225	10663	16.72	ng	96
35) Caprolactam	8.38	113	2953	8.03	ng	# 69
36) 4-Chloro-3-methylphenol	8.49	107	32234	27.14	ng	# 76
37) 2-Methylnaphthalene	8.60	142	53693	20.25	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	18728	16.41	ng	# 1
42) 2,4,6-Trichlorophenol	8.92	196	13542	19.07	ng	99
43) 2,4,5-Trichlorophenol	8.97	196	7114	9.63	ng	98
45) 1,1'-Biphenyl	9.07	154	64514	20.88	ng	94

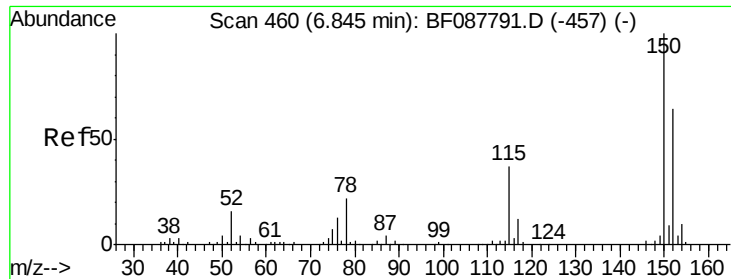
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
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 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2-Chloronaphthalene	9.10	162	48463	21.09	nq	94
47) 2-Nitroaniline	9.20	65	15734	23.21	nq	95
48) Acenaphthylene	9.50	152	68422	18.72	nq	100
49) Dimethylphthalate	9.37	163	81627	31.73	nq	99
50) 2,6-Dinitrotoluene	9.44	165	11606	19.70	nq	# 80
51) Acenaphthene	9.67	154	58198	25.52	nq	100
52) 3-Nitroaniline	9.62	138	12838	18.89	nq	# 73
53) 2,4-Dinitrophenol	9.76	184	292	4.21	nq	# 81
54) Dibenzofuran	9.84	168	60896	19.39	nq	# 87
55) 4-Nitrophenol	9.84	139	31896	60.45	nq	# 13
56) 2,4-Dinitrotoluene	9.85	165	13014	17.19	nq	# 75
57) Fluorene	10.18	166	60969	26.78	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.98	232	8777	15.12	nq	# 52
59) Diethylphthalate	10.07	149	59003	22.66	nq	96
60) 4-Chlorophenyl-phenylether	10.18	204	23674	22.67	nq	95
61) 4-Nitroaniline	10.23	138	10602	16.44	nq	98
62) Azobenzene	10.34	77	45865	17.81	nq	94
64) 4,6-Dinitro-2-methylphenol	10.50	198	75541	212.75	nq	# 24
65) n-Nitrosodiphenylamine	10.31	169	44483	24.43	nq	99
66) 4-Bromophenyl-phenylether	10.66	248	12349	20.98	nq	# 72
67) Hexachlorobenzene	10.73	284	12859	21.02	nq	# 86
68) Atrazine	10.84	200	6059	10.99	nq	90
69) Pentachlorophenol	10.94	266	7855	24.36	nq	98
70) Phenanthrene	11.14	178	65169	22.63	nq	98
71) Anthracene	11.19	178	65001	22.38	nq	97
72) Carbazole	11.36	167	63537	23.38	nq	99
73) Di-n-butylphthalate	11.69	149	88959	25.86	nq	98
74) Fluoranthene	12.33	202	61053	20.09	nq	95
77) Pvrene	12.55	202	68436	19.57	nq	98
79) Butylbenzylphthalate	13.18	149	29891	19.34	nq	88
80) Benzo(a)anthracene	13.74	228	59220	22.06	nq	98
82) Chrysene	13.77	228	51678	20.46	nq	97
83) Bis(2-ethylhexyl)phthalate	13.74	149	47511	25.25	nq	# 99
84) Di-n-octyl phthalate	14.34	149	75088	24.56	nq	# 100
85) Indeno(1,2,3-cd)pvrene	16.39	276	36578	15.59	nq	# 100
87) Benzo(b)fluoranthene	14.74	252	97447	39.53	nq	# 96
88) Benzo(k)fluoranthene	14.74	252	97447	52.41	nq	98
89) Benzo(a)pyrene	15.06	252	40178	20.15	nq	99
90) Dibenzo(a,h)anthracene	16.39	278	30981	16.73	nq	97
91) Benzo(g,h,i)perylene	16.77	276	28919	15.18	nq	97

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

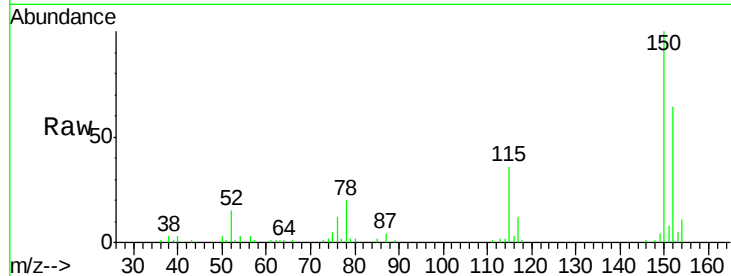


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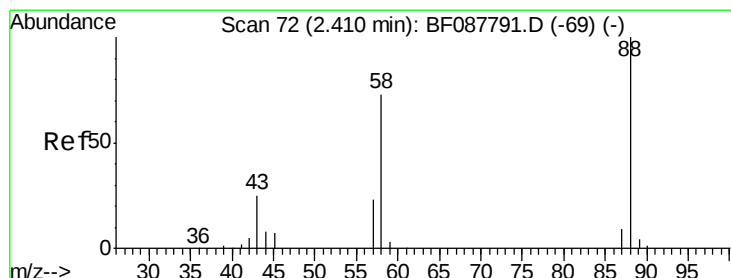
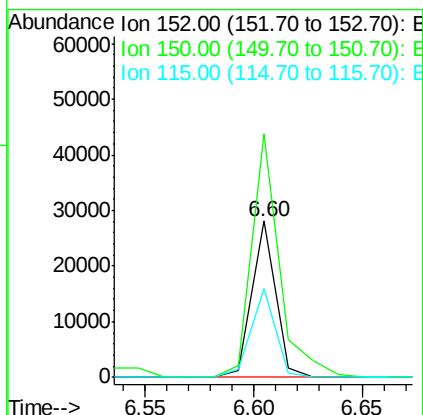
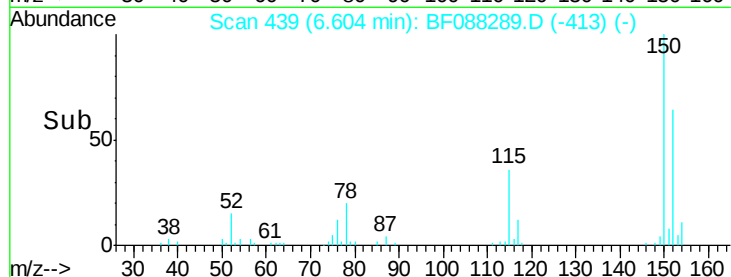
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF088289.D
Acq: 23 Jun 2016 11:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 21302
Ion Ratio Lower Upper
152 100
150 156.1 123.8 185.6
115 56.6 39.6 59.4



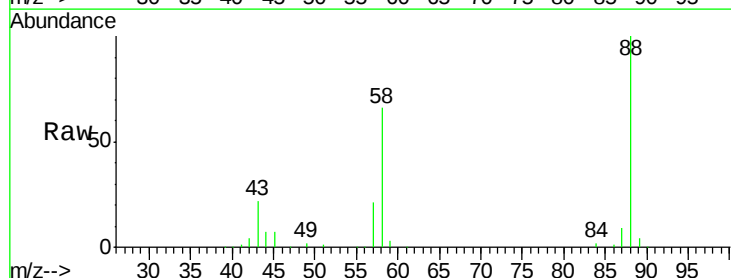
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



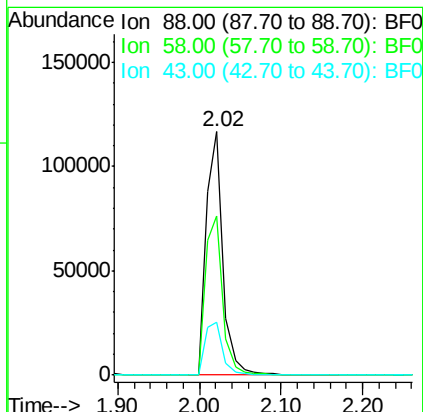
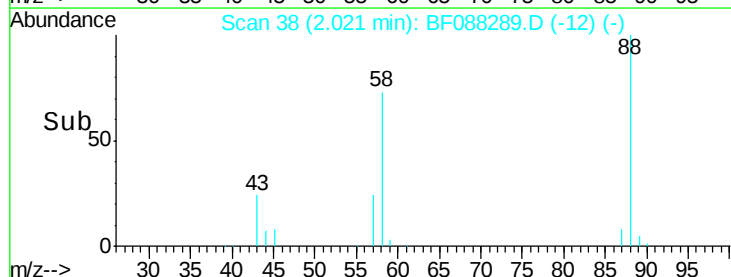
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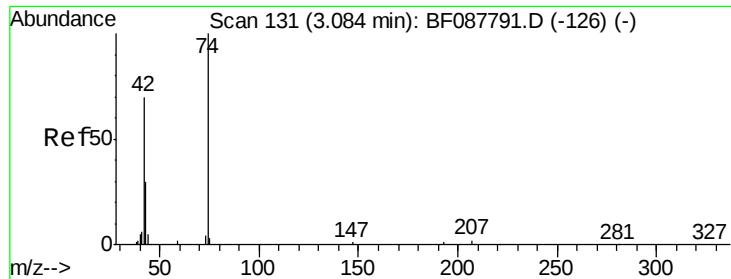
1,4-Dioxane
Concen: 278.61 ng
RT: 2.02 min Scan# 38
Delta R.T. 0.00 min
Lab File: BF088289.D
Acq: 23 Jun 2016 11:49

Tgt Ion: 88 Resp: 168693
Ion Ratio Lower Upper
88 100
58 67.5 0.0 0.0#
43 22.9 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





#4

n-Nitrosodimethylamine

Concen: 2.62 ng

RT: 2.72 min Scan# 99

Delta R.T. 0.09 min

Lab File: BF088289.D

Acq: 23 Jun 2016 11:49

Instrument :

BNA_F

ClientSampleId :

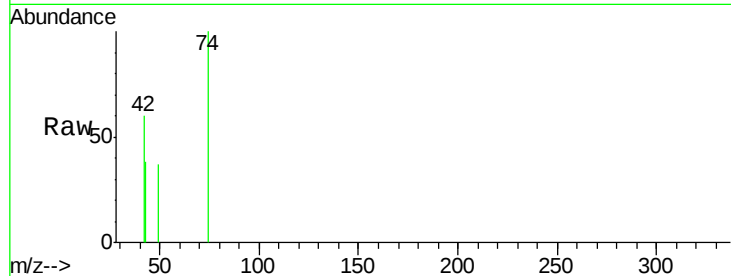
Tot Ion: 42 Resp: 1584

Ion Ratio Lower Upper

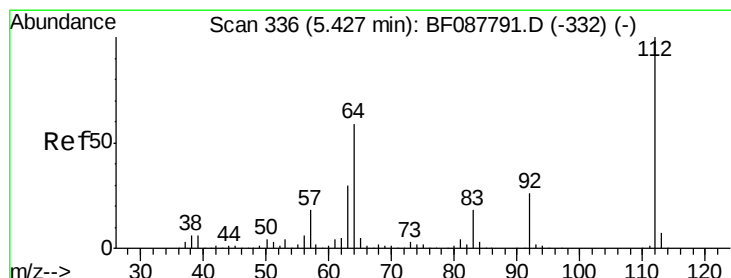
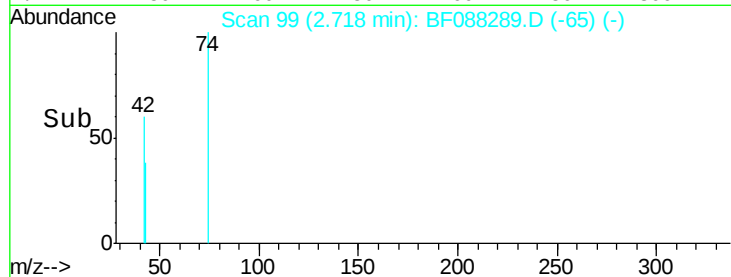
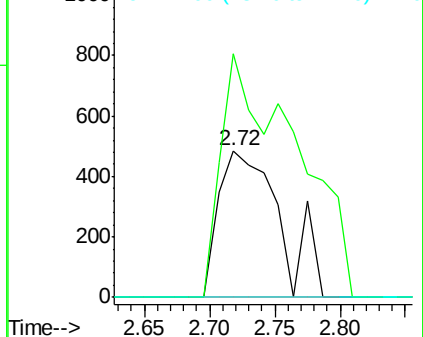
42 100

74 166.2 108.6 163.0#

44 0.0 5.5 8.3#



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0



#5

2-Fluorophenol

Concen: 11.90 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.03 min

Lab File: BF088289.D

Acq: 23 Jun 2016 11:49

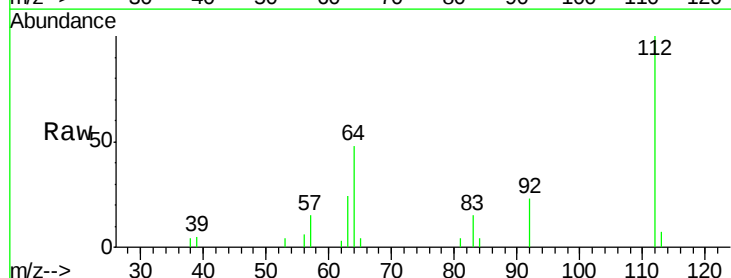
Tgt Ion: 112 Resp: 14830

Ion Ratio Lower Upper

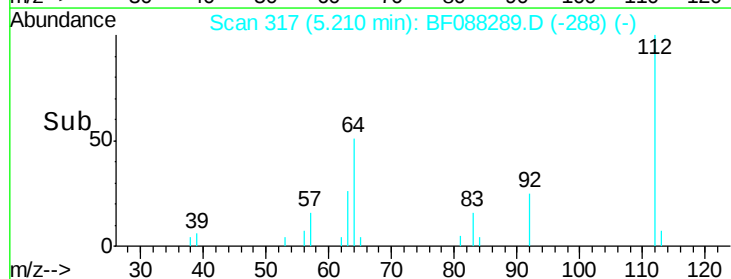
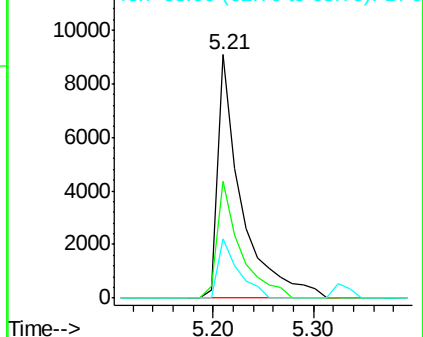
112 100

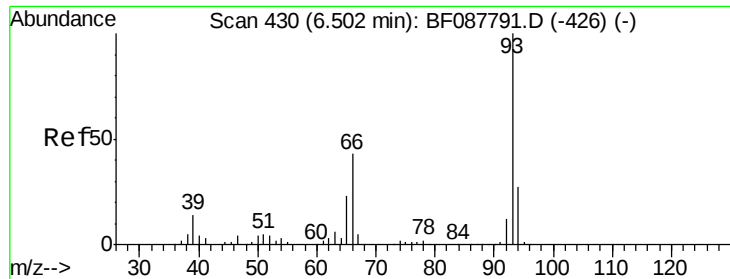
64 47.7 42.2 63.2

63 24.4 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 2.67 ng

RT: 6.27 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF088289.D

Acq: 23 Jun 2016 11:49

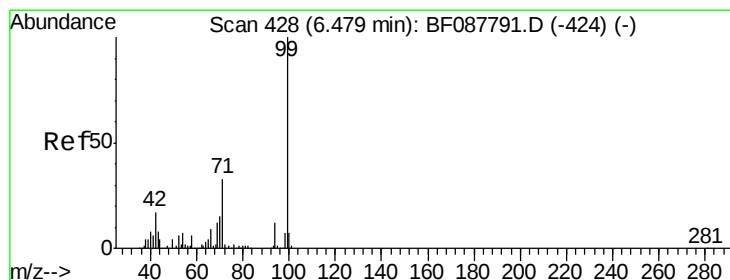
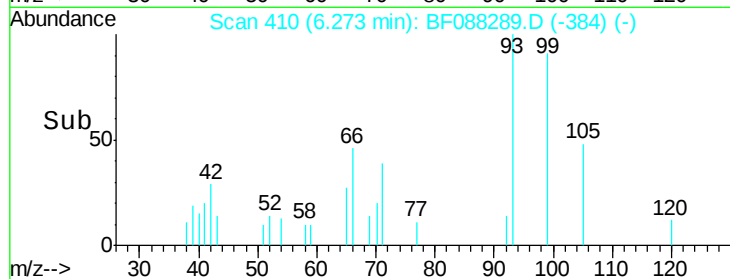
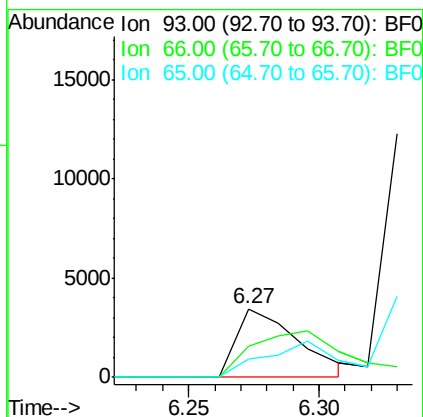
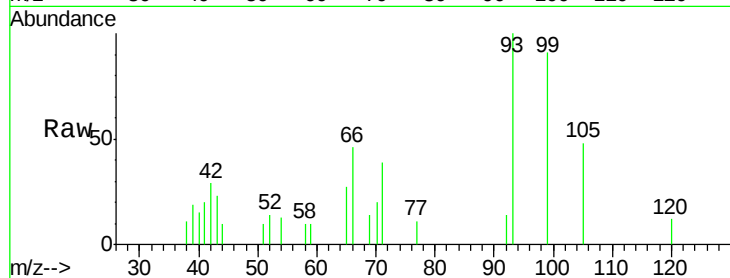
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 93 Resp: 5742

Ion	Ratio	Lower	Upper
93	100		
66	46.2	29.8	44.8#
65	26.7	14.9	22.3#



#7

Phenol-d6

Concen: 9.13 ng

RT: 6.28 min Scan# 411

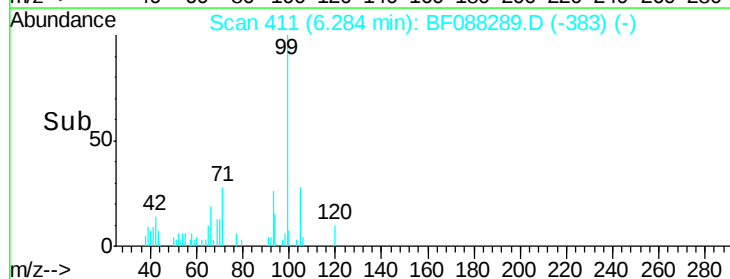
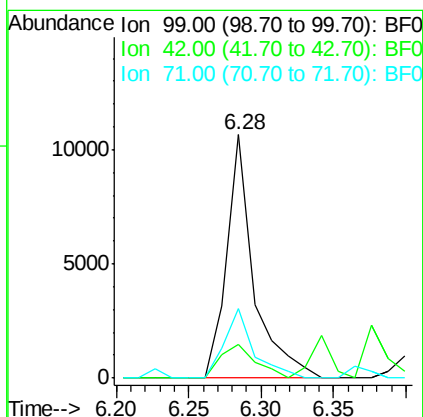
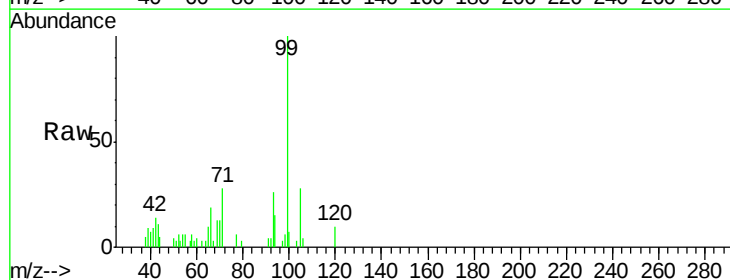
Delta R.T. 0.02 min

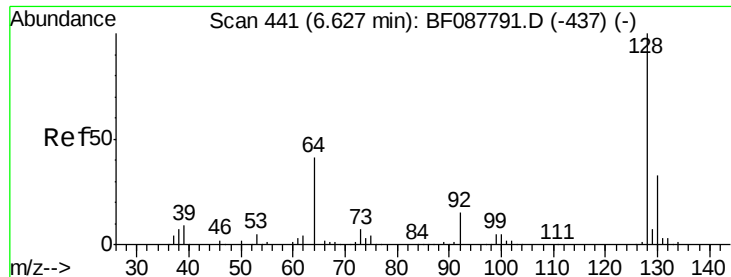
Lab File: BF088289.D

Acq: 23 Jun 2016 11:49

Tgt Ion: 99 Resp: 13786

Ion	Ratio	Lower	Upper
99	100		
42	13.7	12.2	18.2
71	28.4	23.4	35.0





#8

2-Chlorophenol

Concen: 13.61 ng

RT: 6.40 min Scan# 421

Delta R.T. 0.01 min

Lab File: BF088289.D

Acq: 23 Jun 2016 11:49

Instrument :

BNA_F

ClientSampled :

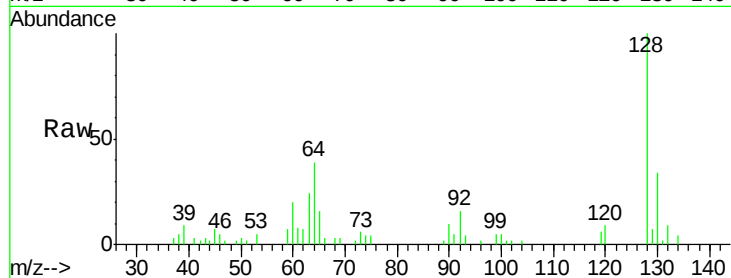
Tot Ion:128 Resp: 20076

Ion Ratio Lower Upper

128 100

130 34.2 12.0 52.0

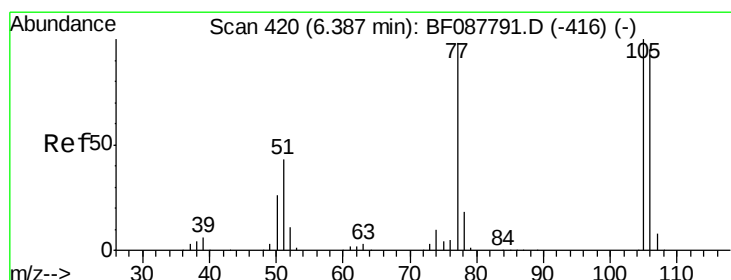
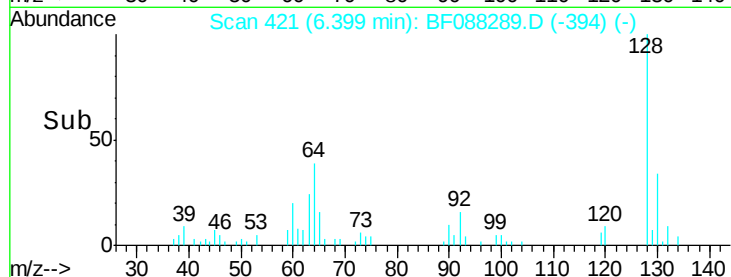
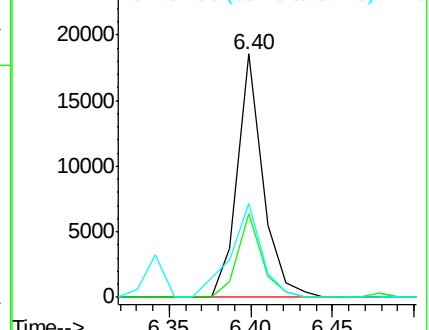
64 38.6 30.8 70.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



#9

Benzaldehyde

Concen: 14.21 ng

RT: 6.15 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF088289.D

Acq: 23 Jun 2016 11:49

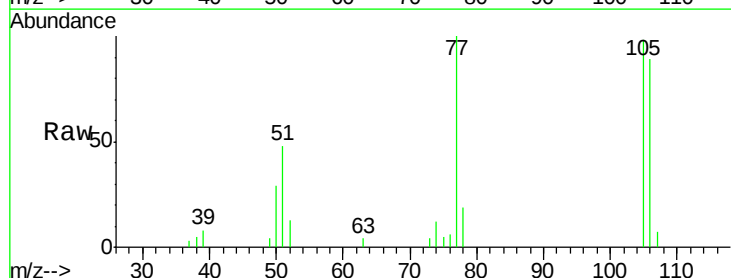
Tgt Ion: 77 Resp: 17219

Ion Ratio Lower Upper

77 100

105 97.5 90.6 130.6

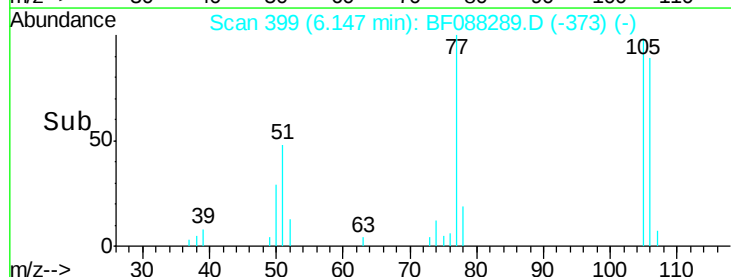
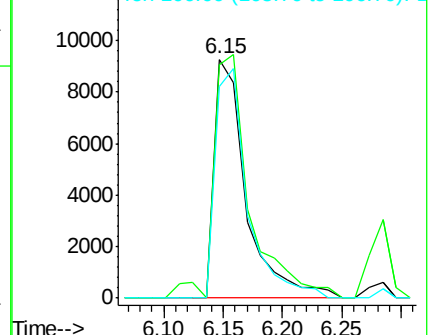
106 88.6 85.3 125.3

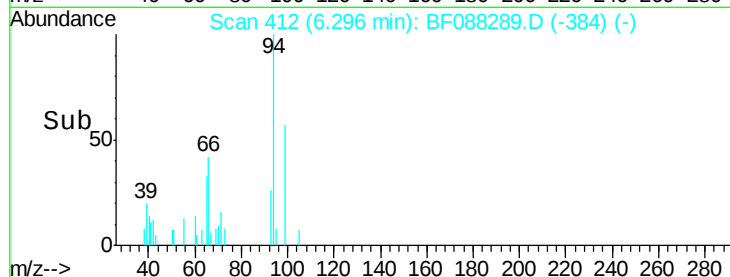
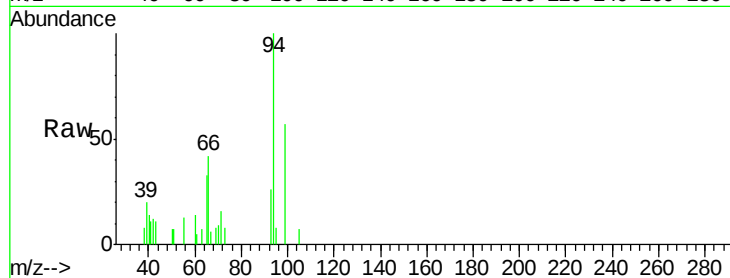


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.74 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.02 min

Lab File: BF088289.D

Acq: 23 Jun 2016 11:49

Instrument :

BNA_F

ClientSampled :

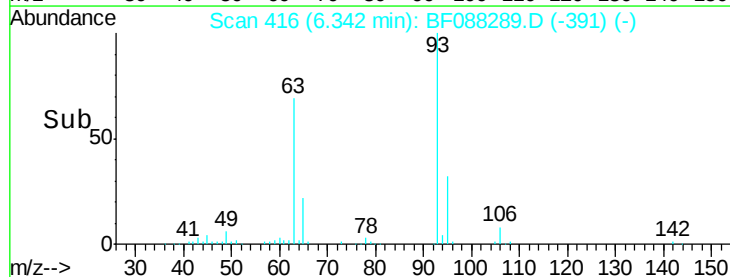
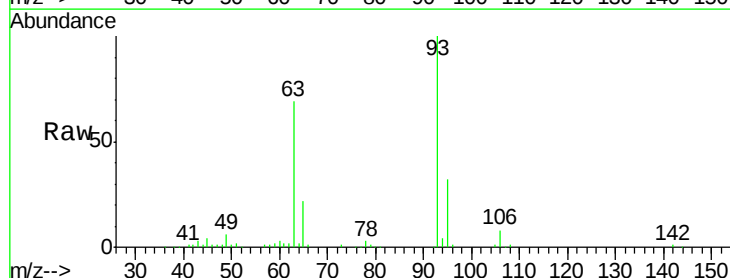
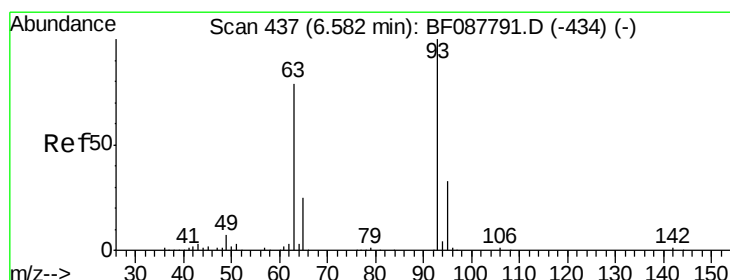
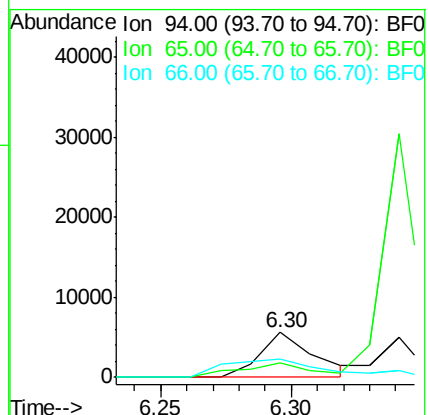
Tot Ion: 94 Resp: 7920

Ion Ratio Lower Upper

94 100

65 32.9 5.9 45.9

66 42.3 14.0 54.0



#11

bis(2-Chloroethyl)ether

Concen: 86.54 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088289.D

Acq: 23 Jun 2016 11:49

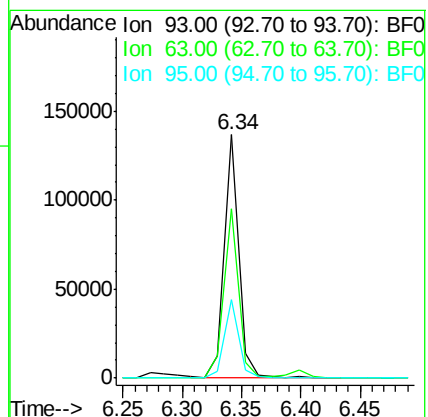
Tgt Ion: 93 Resp: 114590

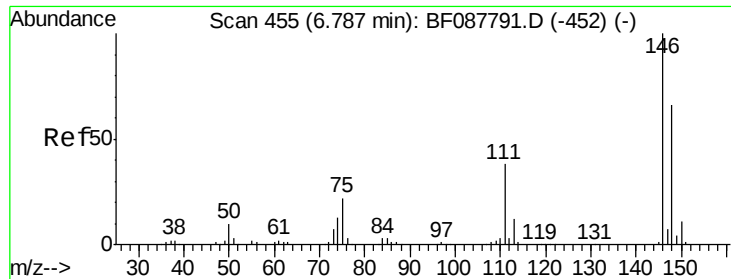
Ion Ratio Lower Upper

93 100

63 69.4 67.6 107.6

95 32.5 12.5 52.5

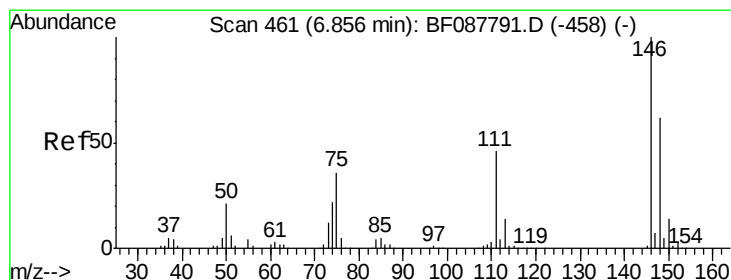
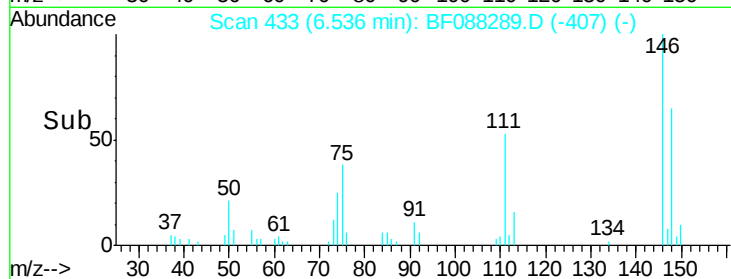
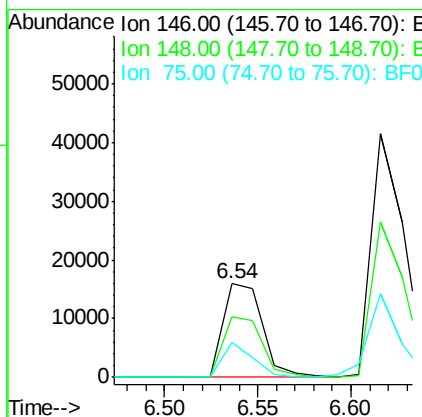
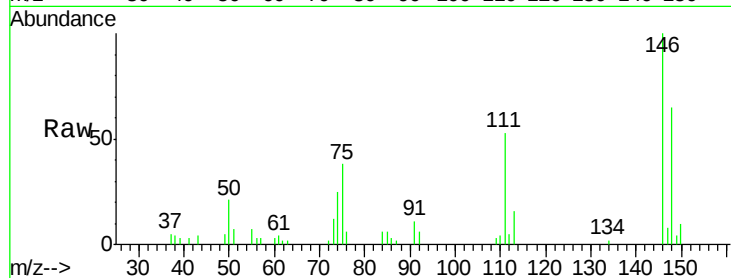




#12
 1,3-Dichlorobenzene
 Concen: 14.78 ng
 RT: 6.54 min Scan# 433
 Delta R.T. 0.00 min
 Lab File: BF088289.D
 Acq: 23 Jun 2016 11:49

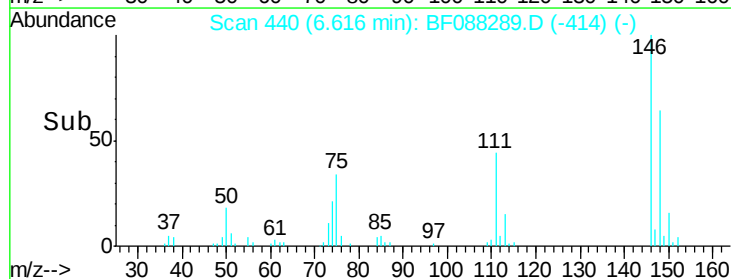
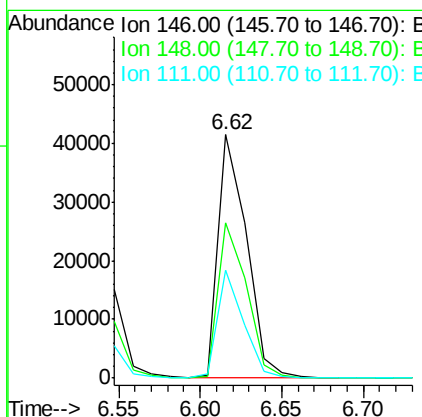
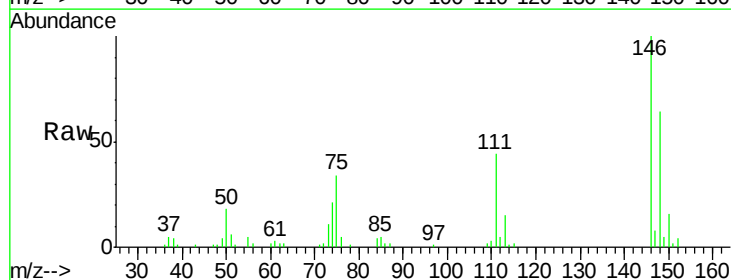
Instrument :
 BNA_F
 ClientSampleId :

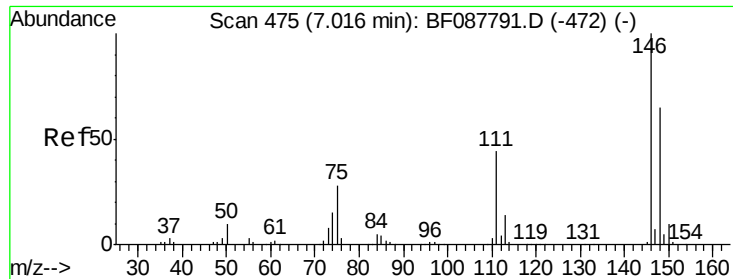
Tot Ion:146 Resp: 23384
 Ion Ratio Lower Upper
 146 100
 148 65.0 50.9 76.3
 75 37.8 25.6 38.4



#13
 1,4-Dichlorobenzene
 Concen: 31.37 ng
 RT: 6.62 min Scan# 440
 Delta R.T. 0.00 min
 Lab File: BF088289.D
 Acq: 23 Jun 2016 11:49

Tgt Ion:146 Resp: 50001
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.0 78.0
 111 44.4 33.8 50.8





#14

1,2-Dichlorobenzene

Concen: 23.31 ng

RT: 6.78 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF088289.D

Acq: 23 Jun 2016 11:49

Instrument :

BNA_F

ClientSampleId :

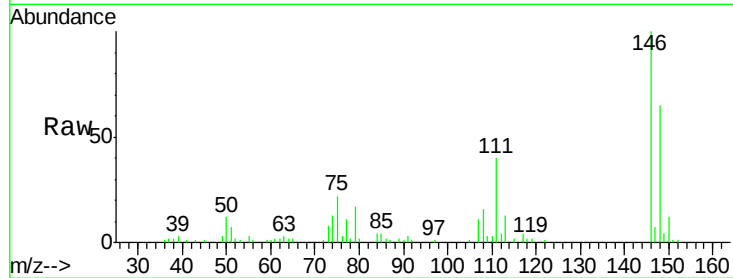
Tot Ion:146 Resp: 33789

Ion Ratio Lower Upper

146 100

148 65.0 52.3 78.5

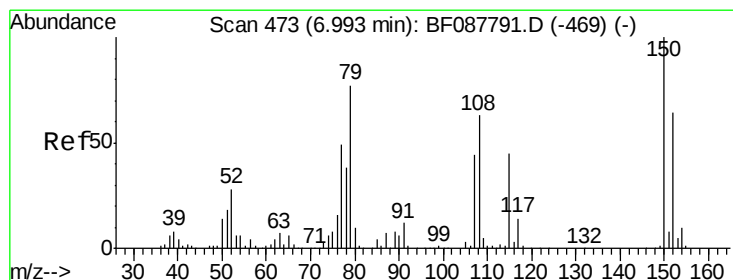
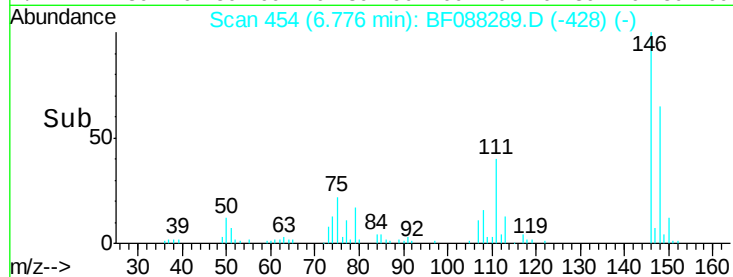
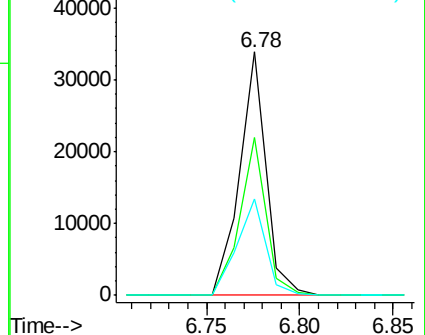
111 39.7 28.7 43.1



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: 11.14 ng

RT: 6.76 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF088289.D

Acq: 23 Jun 2016 11:49

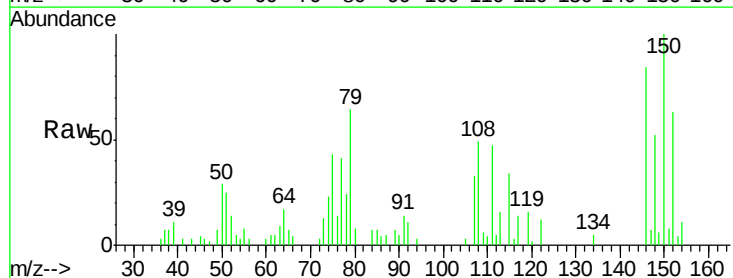
Tgt Ion: 79 Resp: 13165

Ion Ratio Lower Upper

79 100

108 76.1 65.0 97.6

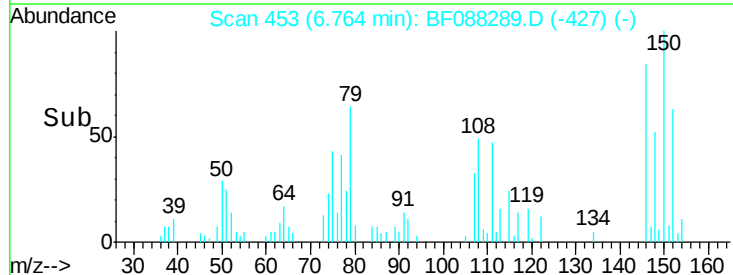
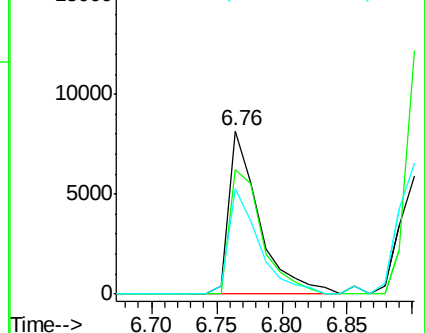
77 64.5 50.3 75.5



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

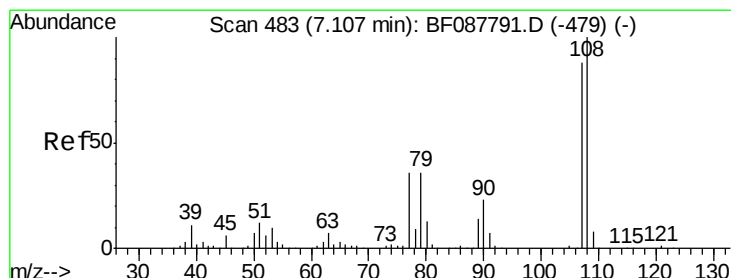
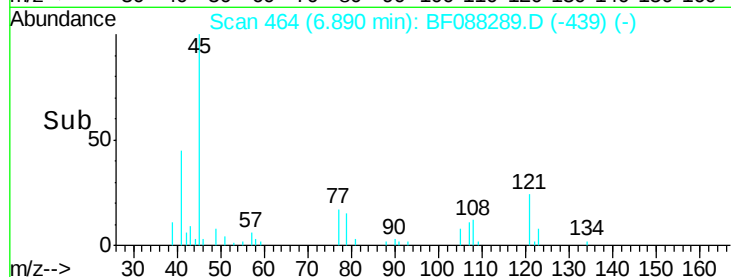
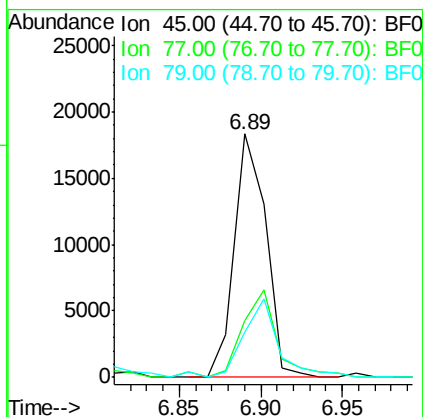
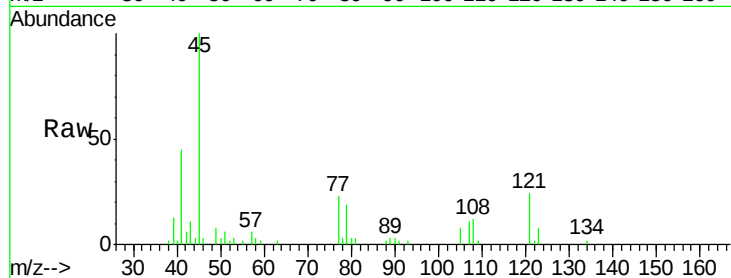




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 13.67 ng
RT: 6.89 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF088289.D
Acq: 23 Jun 2016 11:49

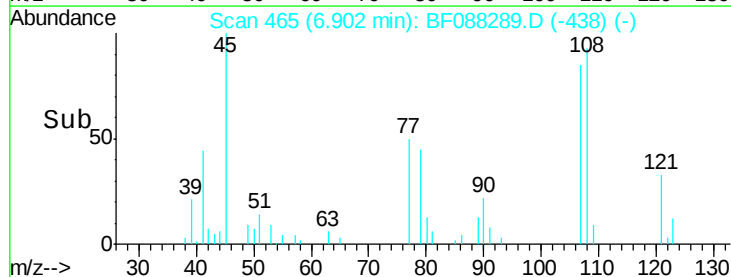
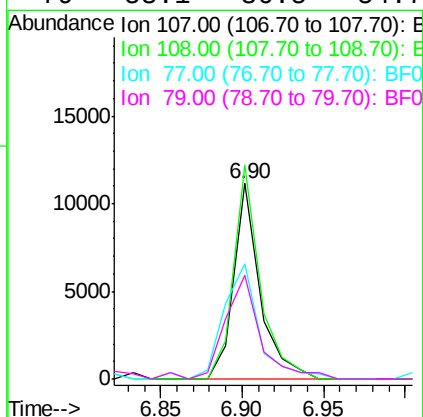
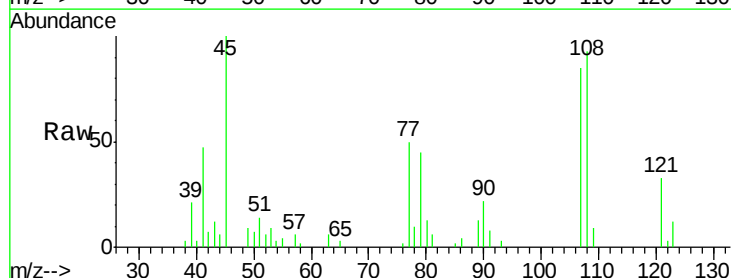
Instrument :
BNA_F
ClientSampleId :

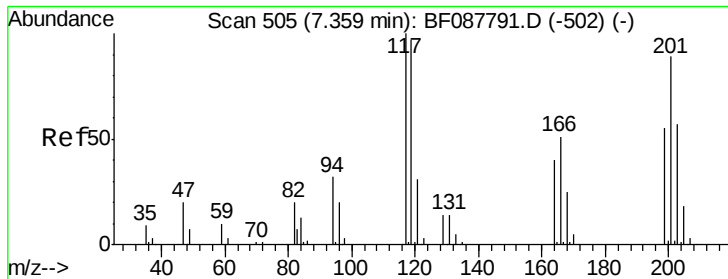
Tot Ion: 45 Resp: 24461
Ion Ratio Lower Upper
45 100
77 23.3 0.0 32.5
79 18.7 0.0 29.5



#17
2-Methylphenol
Concen: 10.35 ng
RT: 6.90 min Scan# 465
Delta R.T. 0.01 min
Lab File: BF088289.D
Acq: 23 Jun 2016 11:49

Tgt Ion: 107 Resp: 12381
Ion Ratio Lower Upper
107 100
108 109.1 90.9 136.3
77 59.0 36.6 55.0#
79 53.1 36.5 54.7

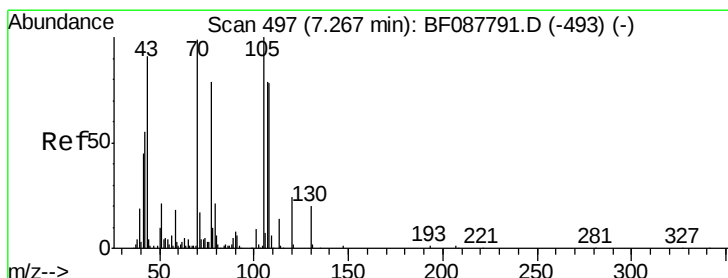
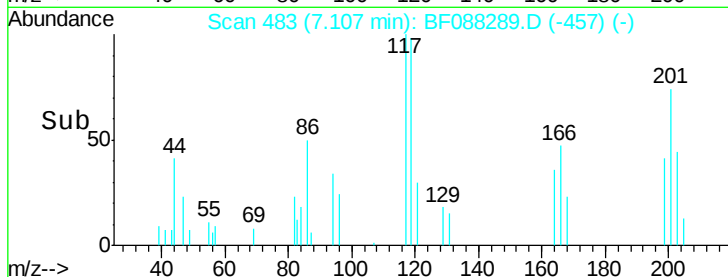
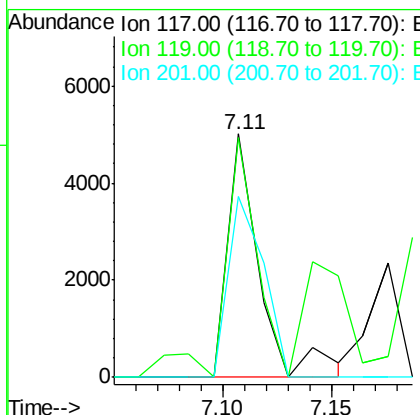
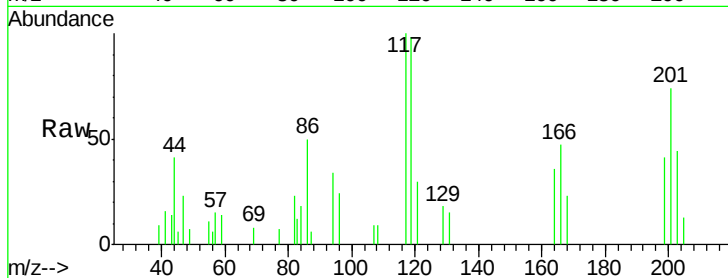




#18
Hexachloroethane
Concen: 9.06 ng
RT: 7.11 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF088289.D
Acq: 23 Jun 2016 11:49

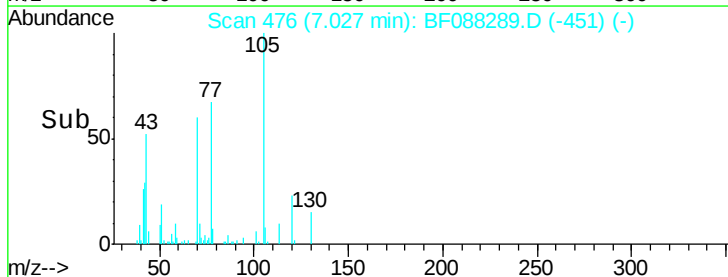
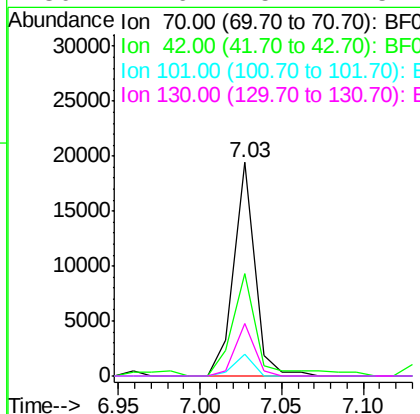
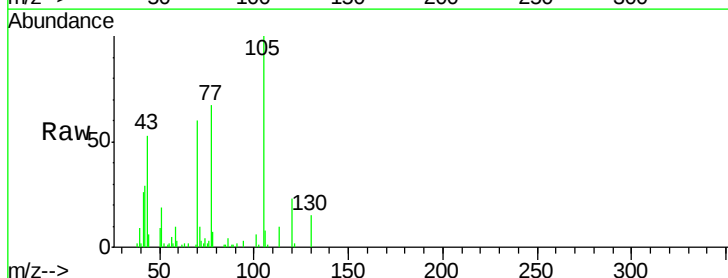
Instrument :
BNA_F
ClientSampleId :

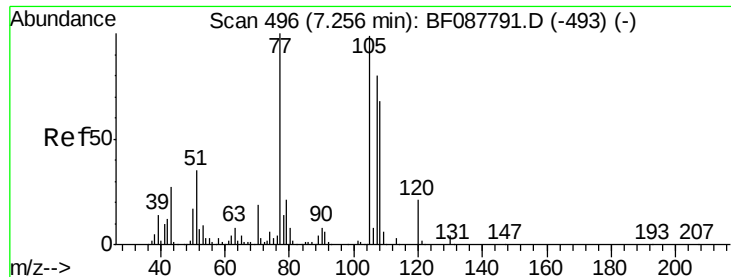
Tot Ion:117 Resp: 5127
Ion Ratio Lower Upper
117 100
119 98.2 77.4 116.2
201 74.4 80.4 120.6#



#19
n-Nitroso-di-n-propylamine
Concen: 17.89 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF088289.D
Acq: 23 Jun 2016 11:49

Tgt Ion: 70 Resp: 17286
Ion Ratio Lower Upper
70 100
42 48.0 49.6 74.4#
101 10.3 7.1 10.7
130 24.6 15.4 23.2#

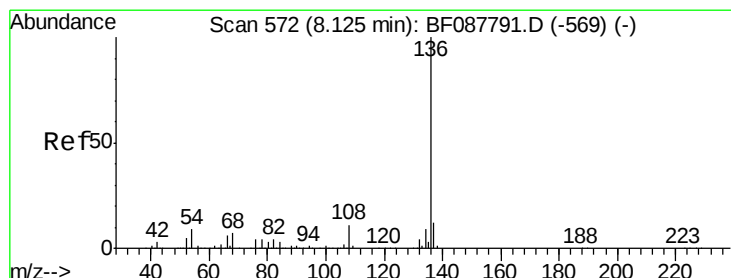
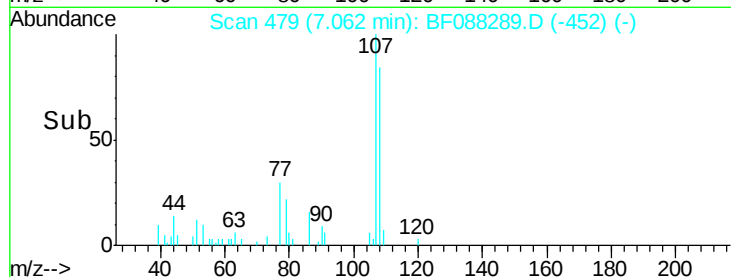
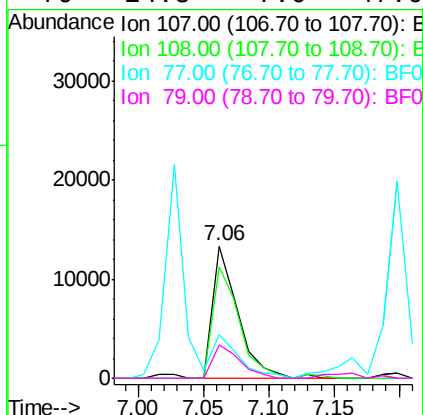
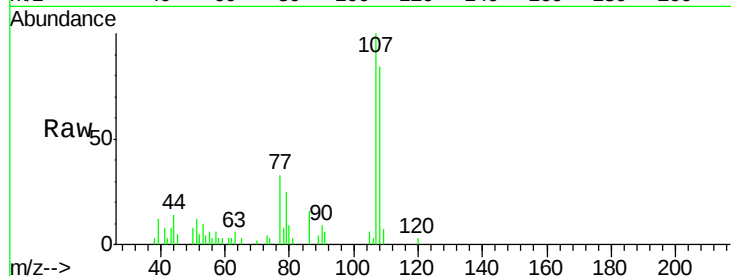




#20
3+4-Methylphenols
Concen: 12.94 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.01 min
Lab File: BF088289.D
Acq: 23 Jun 2016 11:49

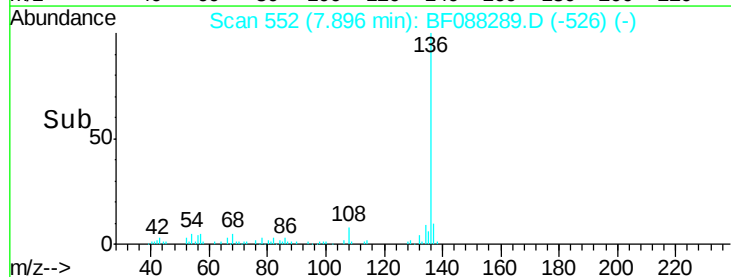
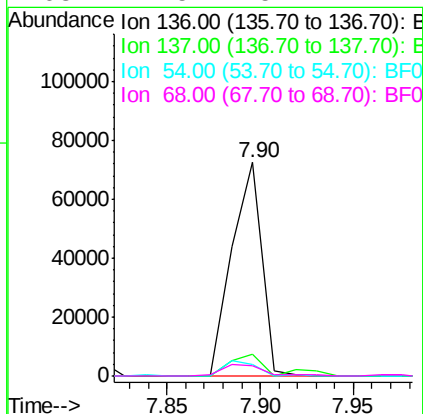
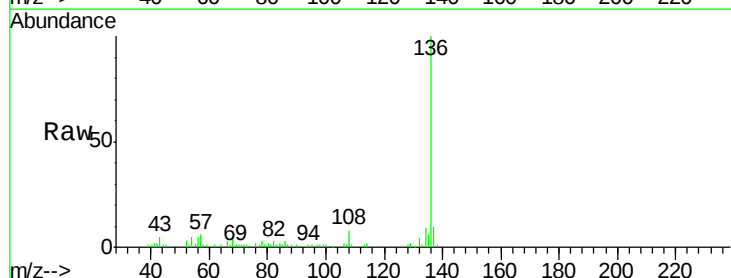
Instrument :
BNA_F
ClientSampleId :

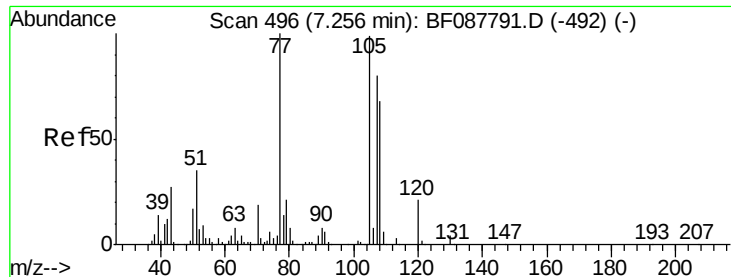
Tot Ion	Ratio	Lower	Upper
107	100		
108	83.9	67.8	107.8
77	33.4	59.3	99.3#
79	24.8	7.0	47.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF088289.D
Acq: 23 Jun 2016 11:49

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	5.2	6.6	10.0#
68	4.5	5.1	7.7#

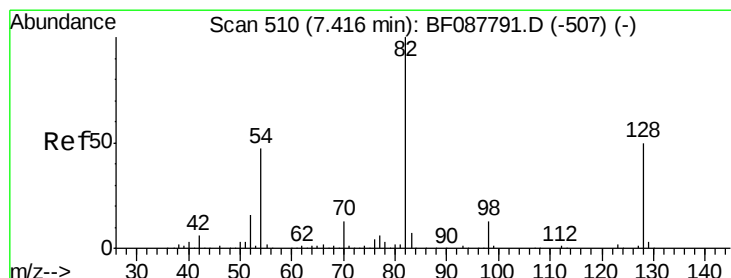
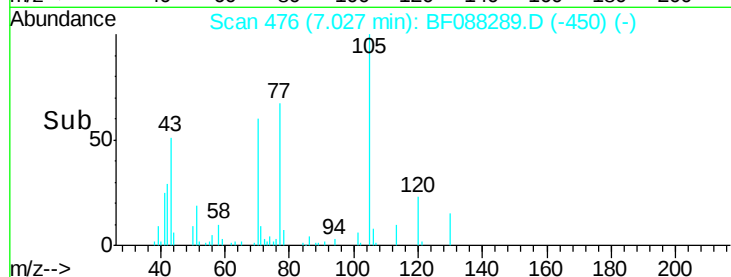
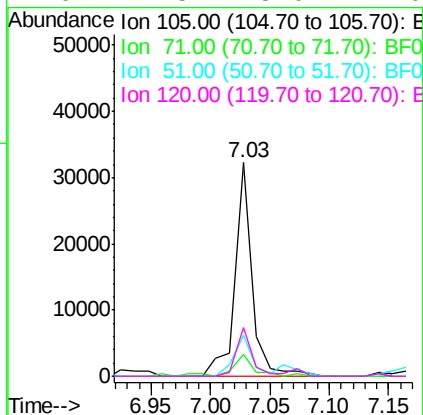
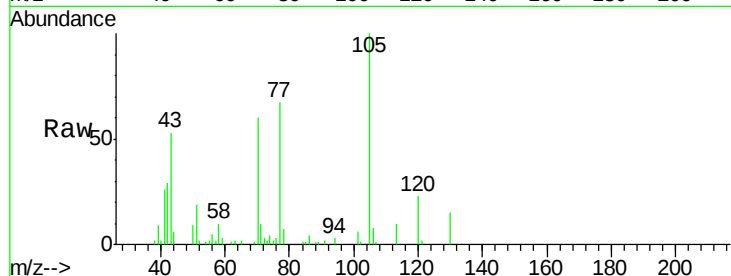




#22
Acetophenone
Concen: 17.93 ng
RT: 7.03 min Scan# 476
Delta R.T. 0.00 min
Lab File: BF088289.D
Acq: 23 Jun 2016 11:49

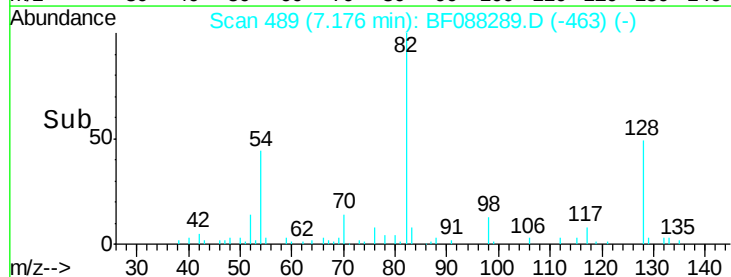
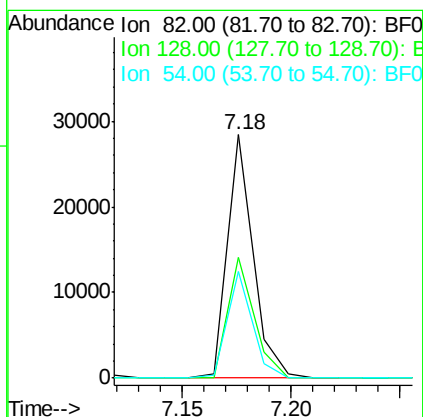
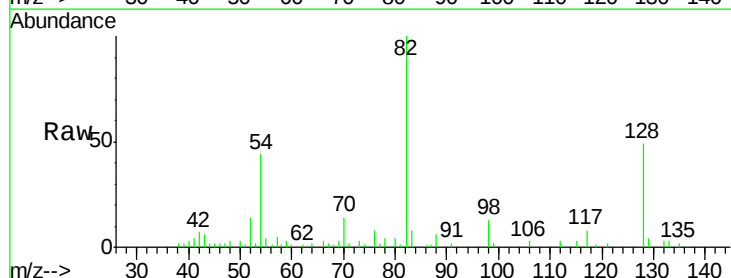
Instrument :
BNA_F
ClientSampled :

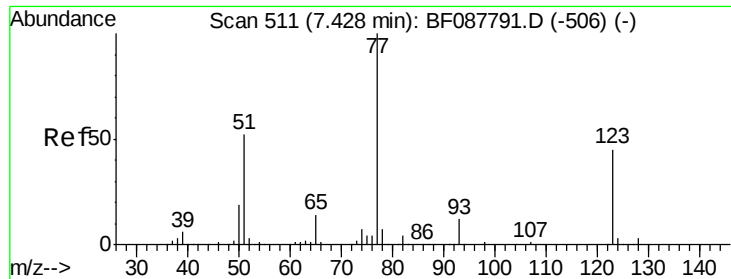
Tot Ion:105 Resp: 32570
Ion Ratio Lower Upper
105 100
71 10.0 5.3 7.9#
51 19.4 18.2 27.4
120 22.5 18.0 27.0



#23
Nitrobenzene-d5
Concen: 16.63 ng
RT: 7.18 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF088289.D
Acq: 23 Jun 2016 11:49

Tgt Ion: 82 Resp: 23160
Ion Ratio Lower Upper
82 100
128 49.4 35.9 53.9
54 44.1 40.9 61.3





#24

Nitrobenzene

Concen: 18.06 ng

RT: 7.20 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF088289.D

Acq: 23 Jun 2016 11:49

Instrument :

BNA_F

ClientSampleId :

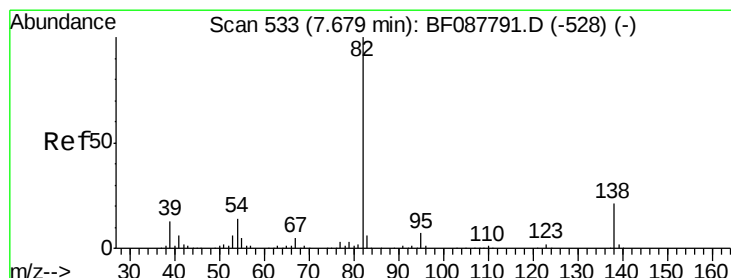
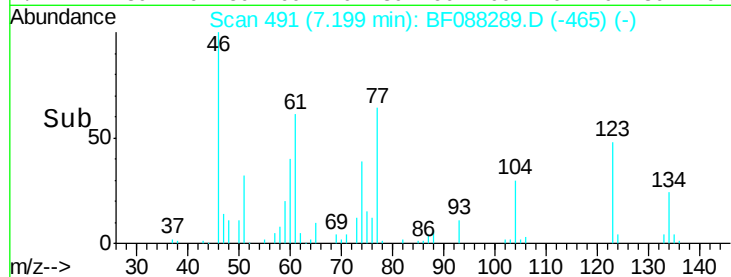
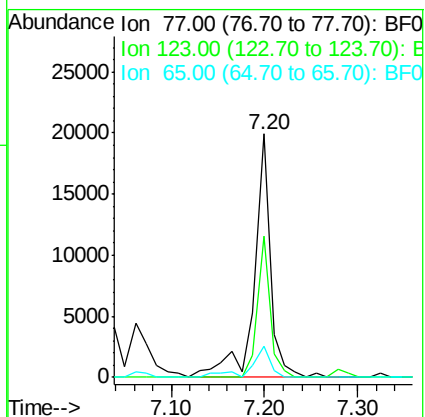
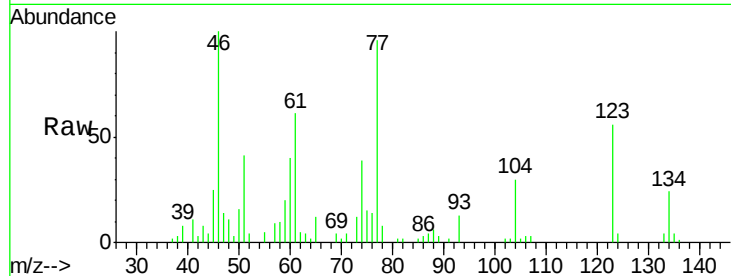
Tot Ion: 77 Resp: 24360

Ion Ratio Lower Upper

77 100

123 58.2 45.0 67.4

65 12.7 10.2 15.2



#25

Isophorone

Concen: 17.58 ng

RT: 7.44 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF088289.D

Acq: 23 Jun 2016 11:49

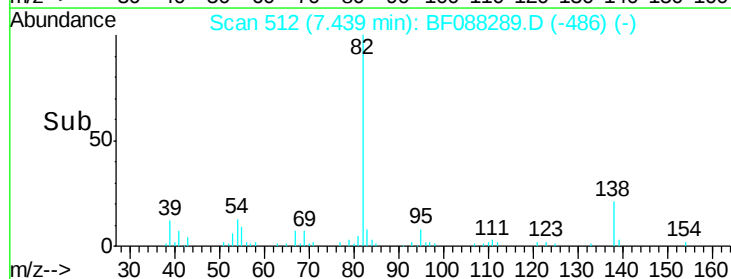
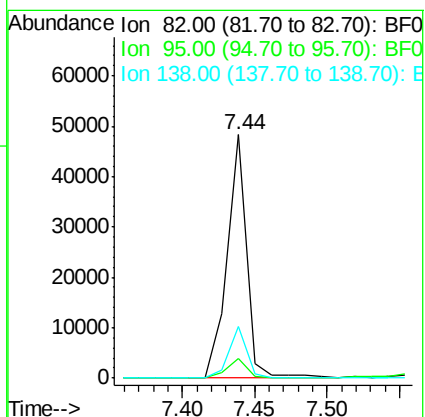
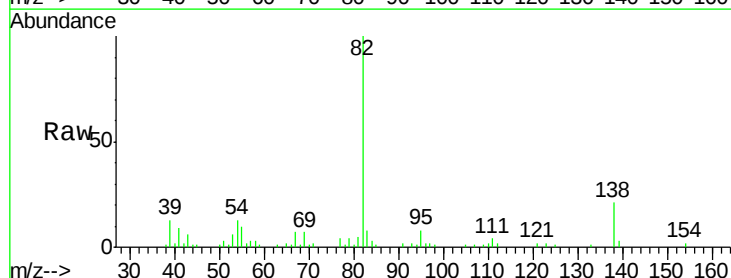
Tgt Ion: 82 Resp: 45340

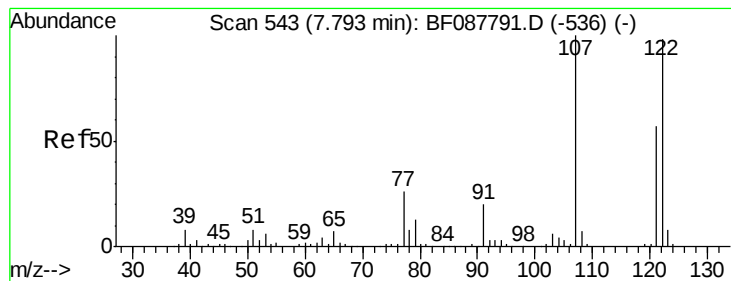
Ion Ratio Lower Upper

82 100

95 8.1 5.4 8.2

138 21.2 14.6 21.8

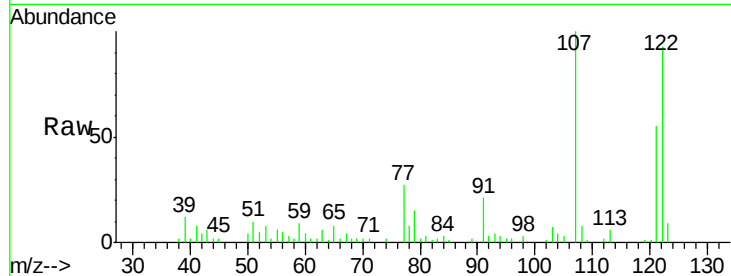




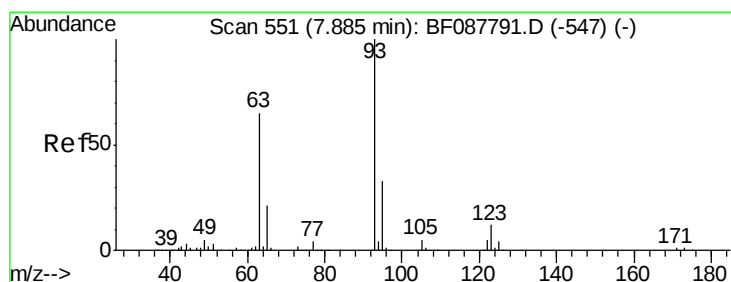
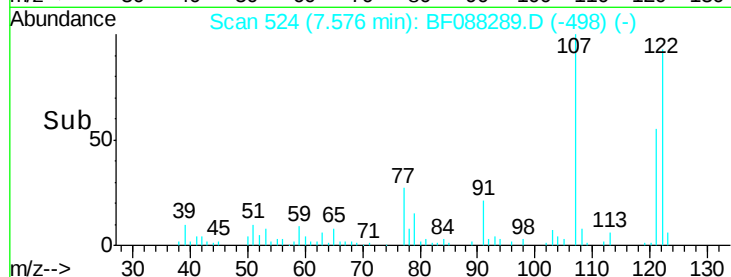
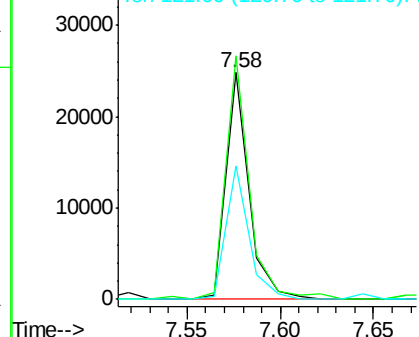
#27
2,4-Dimethylphenol
Concen: 16.07 ng
RT: 7.58 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF088289.D
Acq: 23 Jun 2016 11:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 21372
Ion Ratio Lower Upper
122 100
107 107.5 82.4 123.6
121 58.9 46.3 69.5

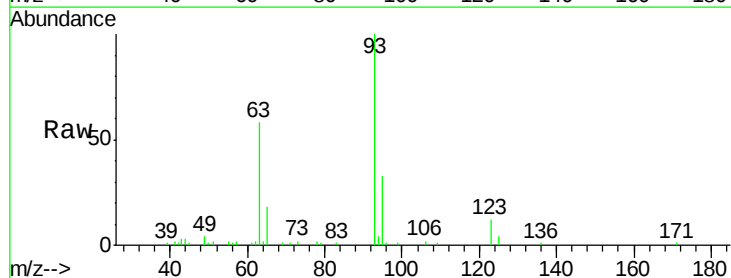


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

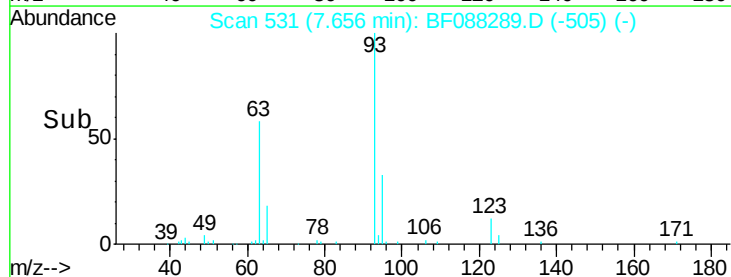
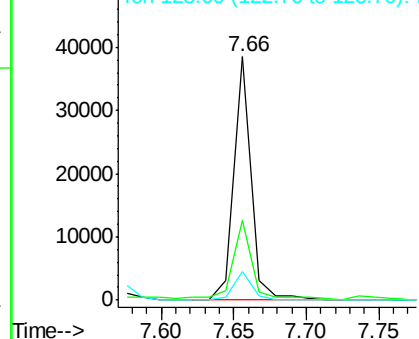


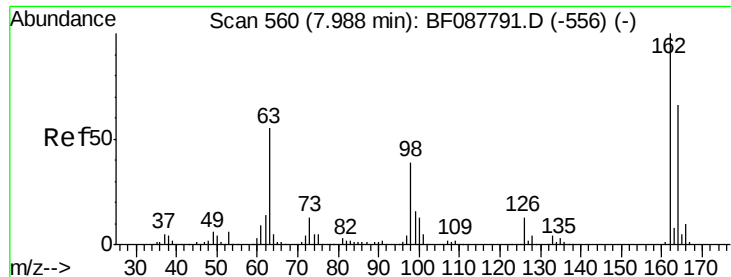
#28
bis(2-Chloroethoxy)methane
Concen: 19.84 ng
RT: 7.66 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF088289.D
Acq: 23 Jun 2016 11:49

Tgt Ion: 93 Resp: 31740
Ion Ratio Lower Upper
93 100
95 32.8 26.5 39.7
123 11.8 11.6 17.4



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E

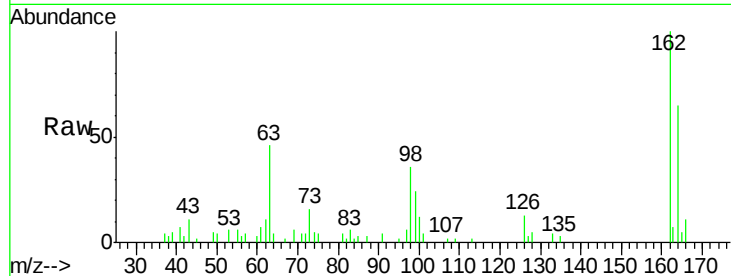




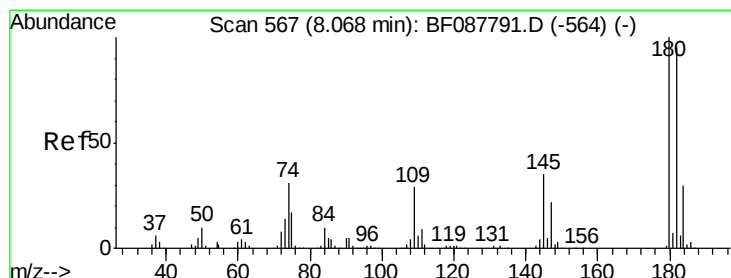
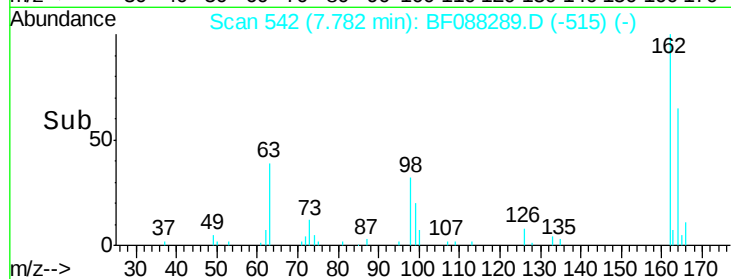
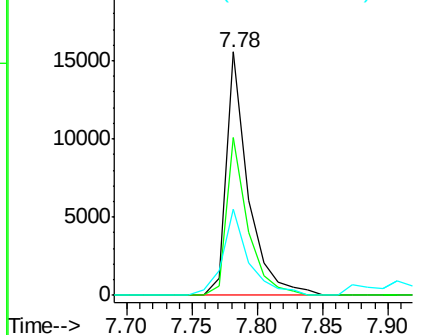
#29
 2,4-Dichlorophenol
 Concen: 16.33 ng
 RT: 7.78 min Scan# 542
 Delta R.T. 0.01 min
 Lab File: BF088289.D
 Acq: 23 Jun 2016 11:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	43.8	83.8
98	35.6	21.3	61.3

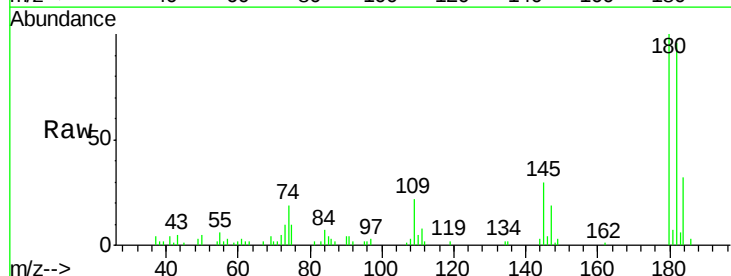


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

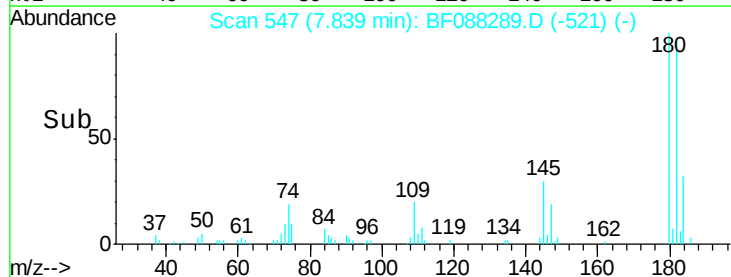
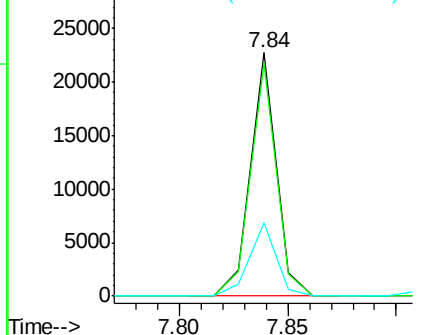


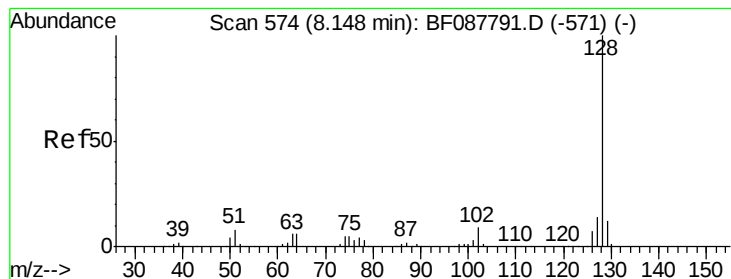
#30
 1,2,4-Trichlorobenzene
 Concen: 15.52 ng
 RT: 7.84 min Scan# 547
 Delta R.T. 0.00 min
 Lab File: BF088289.D
 Acq: 23 Jun 2016 11:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.0	114.0
145	30.1	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: 17.94 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF088289.D

Acq: 23 Jun 2016 11:49

Instrument :

BNA_F

ClientSampleId :

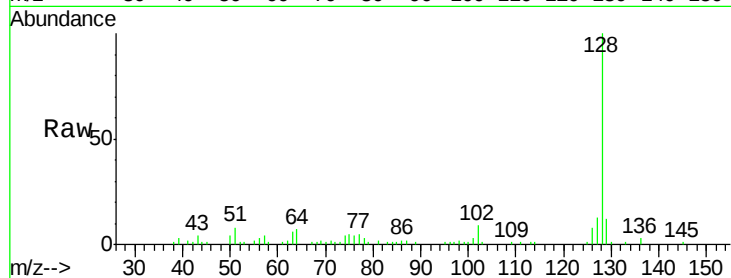
Tot Ion:128 Resp: 72198

Ion Ratio Lower Upper

128 100

129 12.1 9.4 14.2

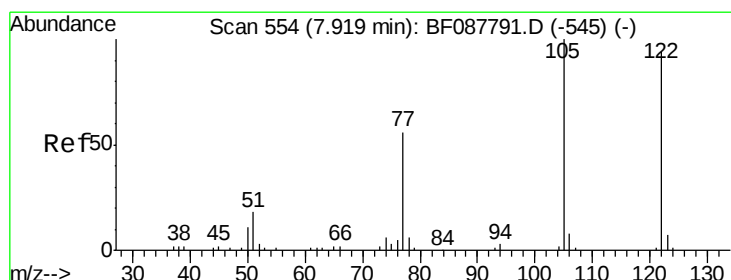
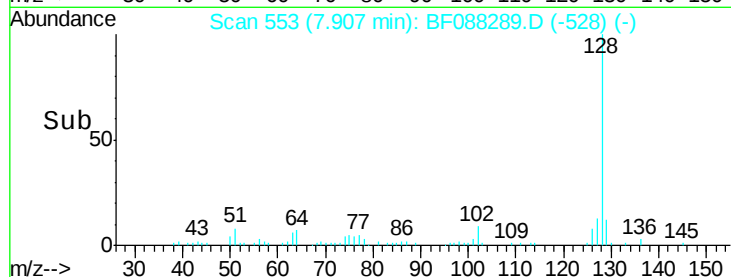
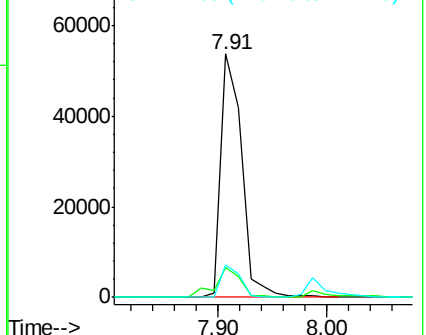
127 13.1 10.9 16.3



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: 4.43 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.01 min

Lab File: BF088289.D

Acq: 23 Jun 2016 11:49

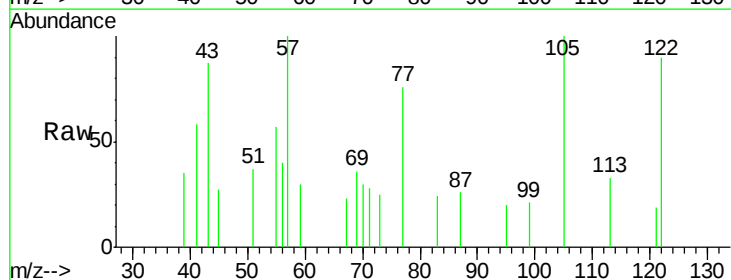
Tgt Ion:122 Resp: 3244

Ion Ratio Lower Upper

122 100

105 110.6 101.6 141.6

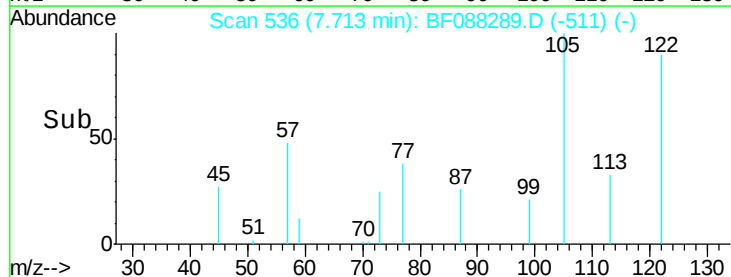
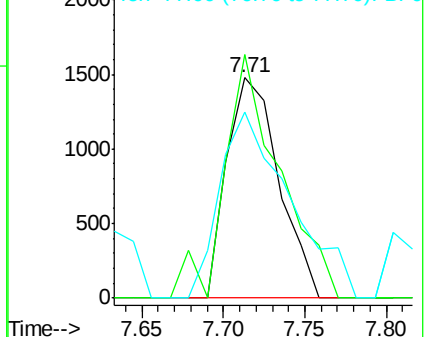
77 84.4 70.6 110.6

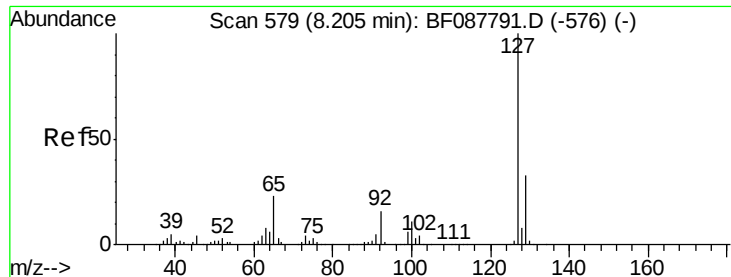


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

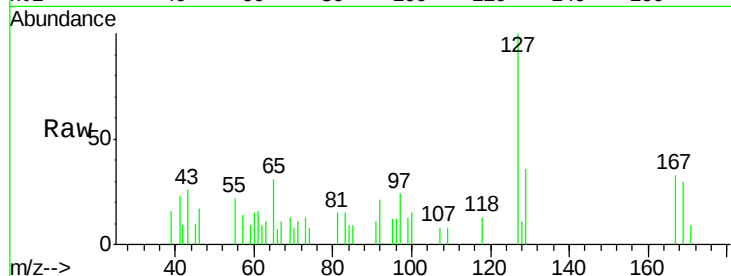




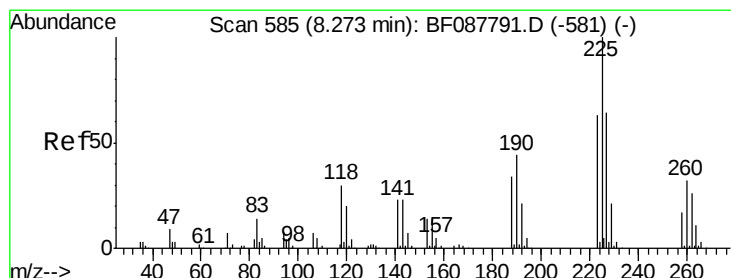
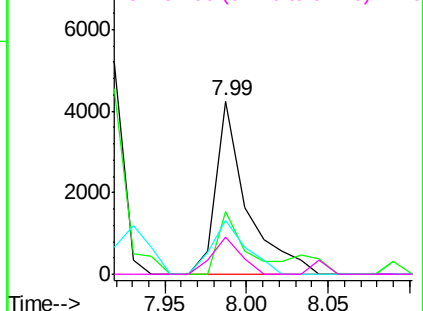
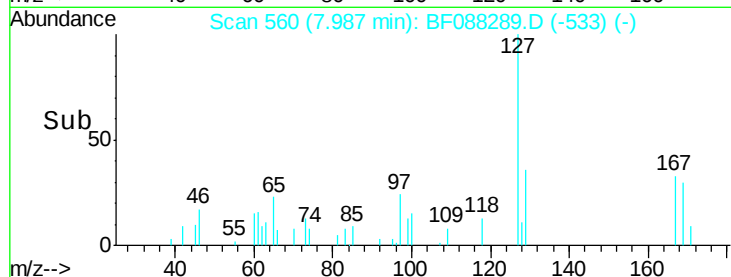
#33
4-Chloroaniline
Concen: 3.13 ng
RT: 7.99 min Scan# 560
Delta R.T. 0.01 min
Lab File: BF088289.D
Acq: 23 Jun 2016 11:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	5615
Ion Ratio	Lower	Upper
127	100	
129	36.2	26.3 39.5
65	30.9	24.7 37.1
92	21.3	15.4 23.0

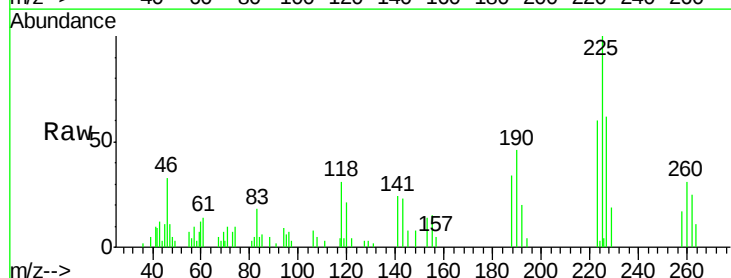


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

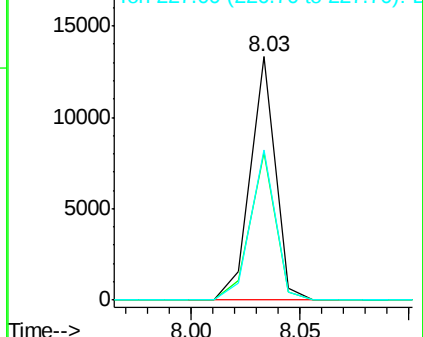
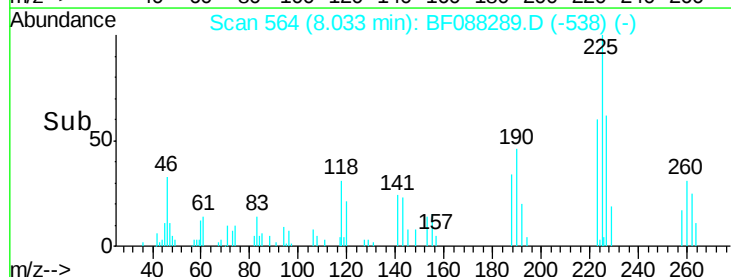


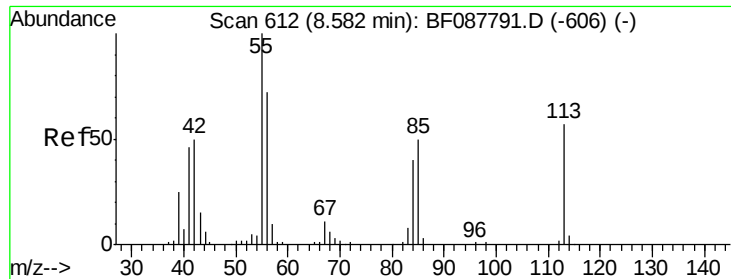
#34
Hexachlorobutadiene
Concen: 16.72 ng
RT: 8.03 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF088289.D
Acq: 23 Jun 2016 11:49

Tgt Ion:225	Resp:	10663
Ion Ratio	Lower	Upper
225	100	
223	60.5	50.9 76.3
227	61.6	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

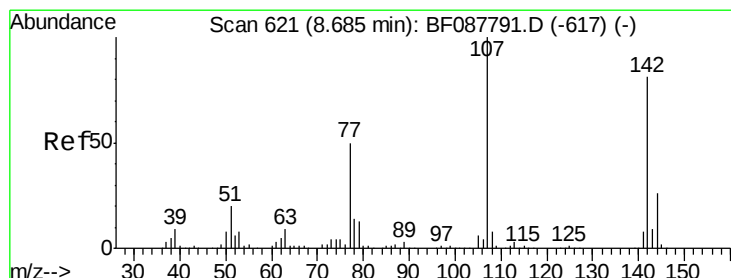
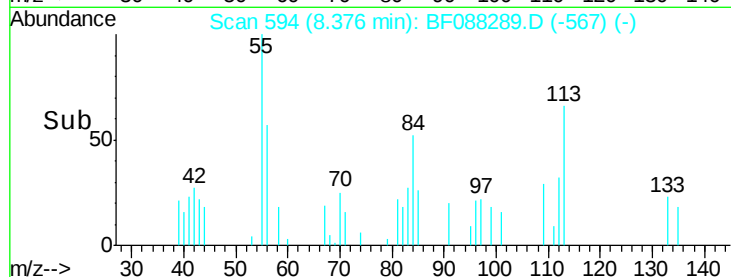
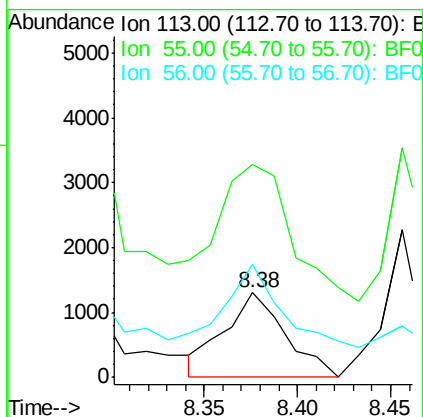
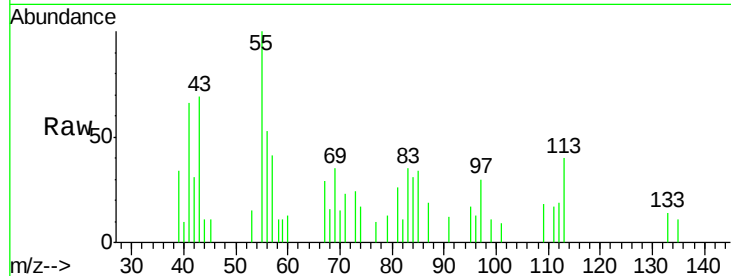




#35
 Caprolactam
 Concen: 8.03 ng
 RT: 8.38 min Scan# 594
 Delta R.T. 0.01 min
 Lab File: BF088289.D
 Acq: 23 Jun 2016 11:49

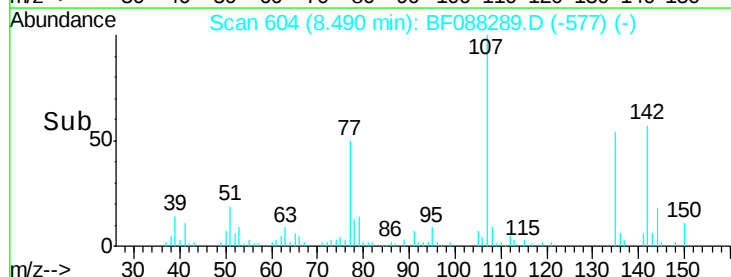
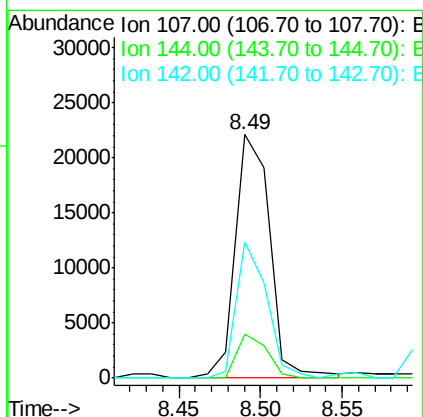
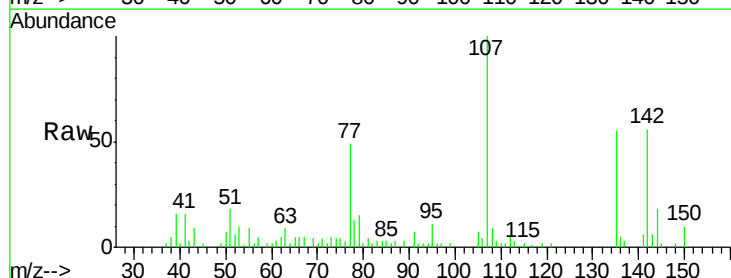
Instrument :
 BNA_F
 ClientSampled :

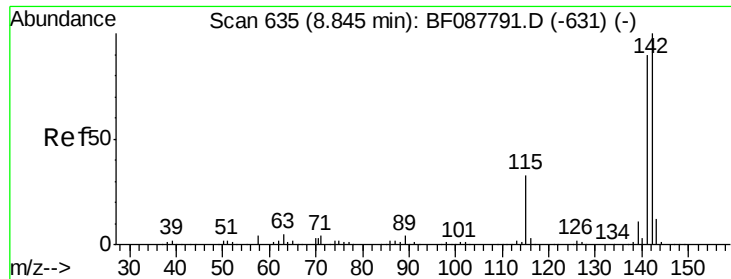
Tot Ion:113 Resp: 2953
 Ion Ratio Lower Upper
 113 100
 55 251.1 158.6 198.6#
 56 133.3 110.6 150.6



#36
 4-Chloro-3-methylphenol
 Concen: 27.14 ng
 RT: 8.49 min Scan# 604
 Delta R.T. 0.01 min
 Lab File: BF088289.D
 Acq: 23 Jun 2016 11:49

Tgt Ion:107 Resp: 32234
 Ion Ratio Lower Upper
 107 100
 144 18.1 20.8 31.2#
 142 56.1 63.4 95.2#

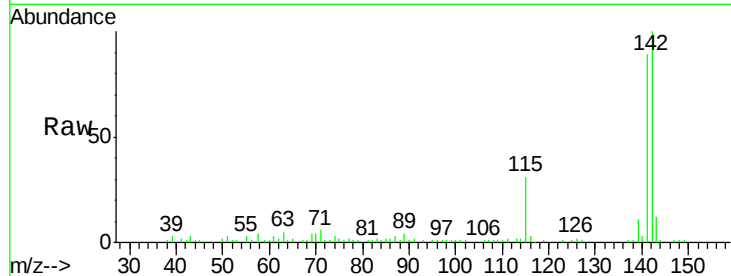




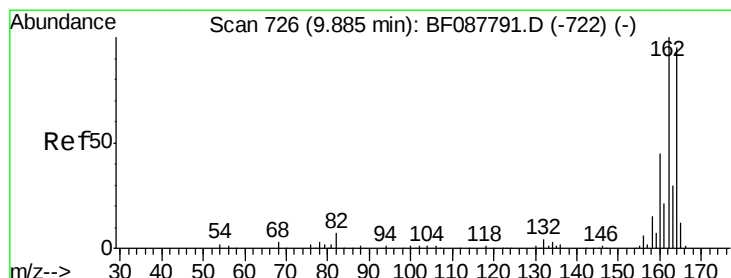
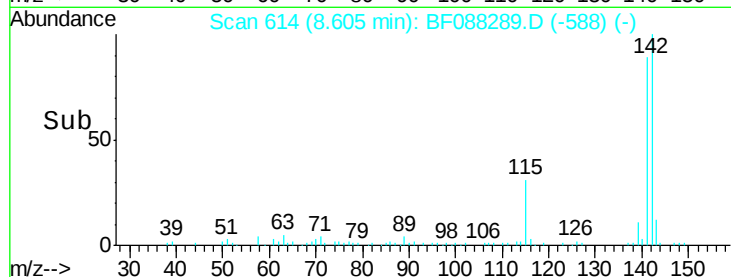
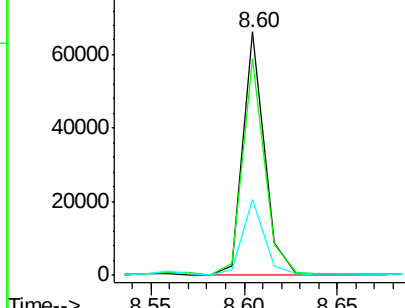
#37
 2-Methylnaphthalene
 Concen: 20.25 ng
 RT: 8.60 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF088289.D
 Acq: 23 Jun 2016 11:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 53693
 Ion Ratio Lower Upper
 142 100
 141 88.8 71.0 106.6
 115 31.4 22.6 33.8

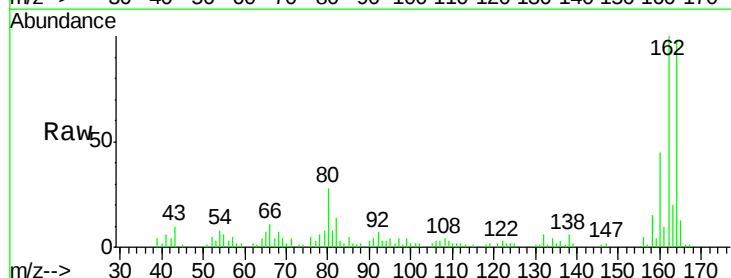


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

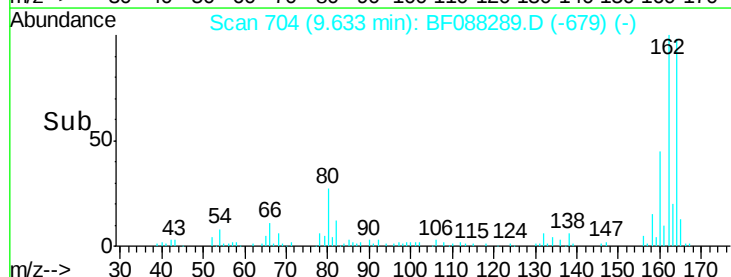
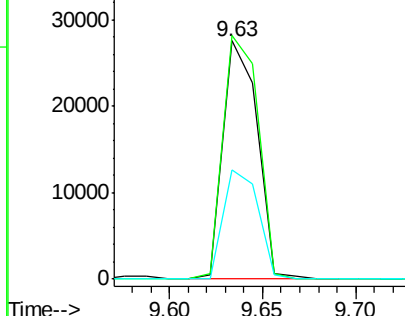


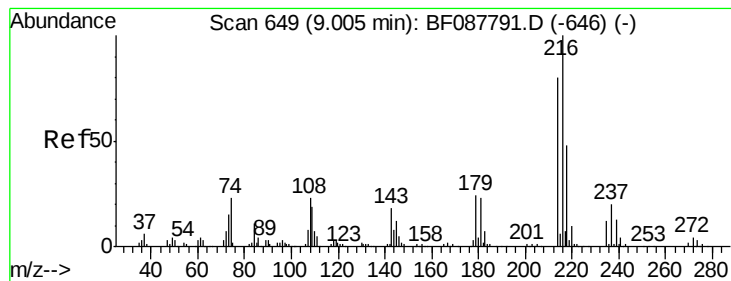
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 704
 Delta R.T. -0.01 min
 Lab File: BF088289.D
 Acq: 23 Jun 2016 11:49

Tgt Ion:164 Resp: 35511
 Ion Ratio Lower Upper
 164 100
 162 102.3 85.4 128.2
 160 45.8 39.5 59.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 16.41 ng

RT: 8.78 min Scan# 629

Delta R.T. 0.00 min

Lab File: BF088289.D

Acq: 23 Jun 2016 11:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 18728

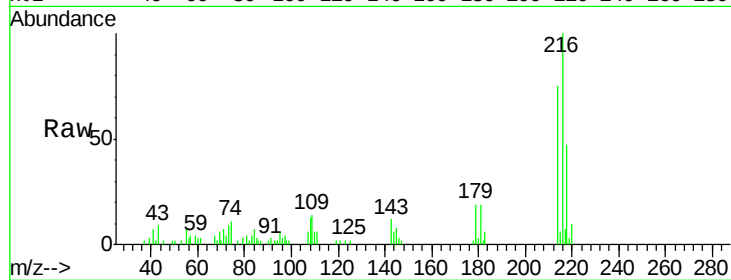
Ion Ratio Lower Upper

216 100

214 75.5 2.9 4.3#

179 20.4 0.0 0.0#

108 22.4 0.5 0.7#

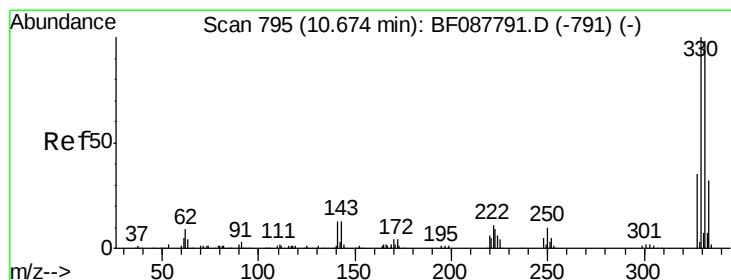
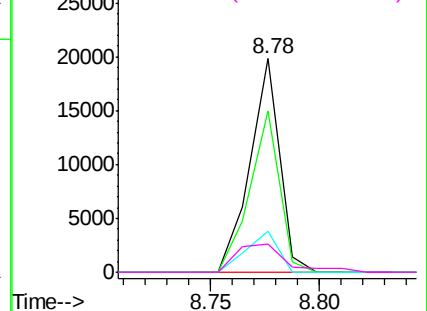
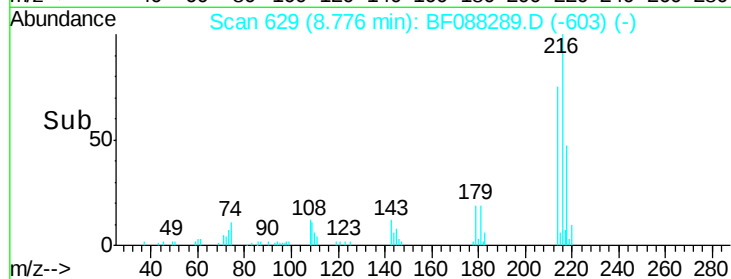


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#41

2,4,6-Tribromophenol

Concen: 27.83 ng

RT: 10.43 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF088289.D

Acq: 23 Jun 2016 11:49

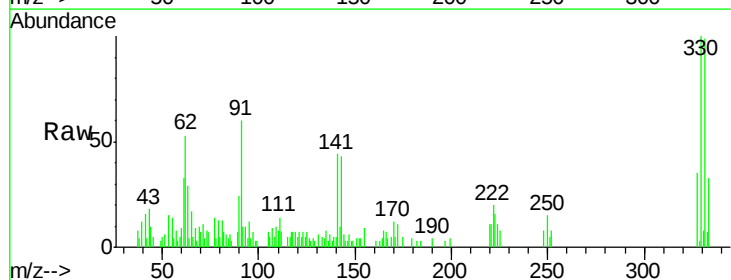
Tgt Ion:330 Resp: 10436

Ion Ratio Lower Upper

330 100

332 101.8 0.0 0.0#

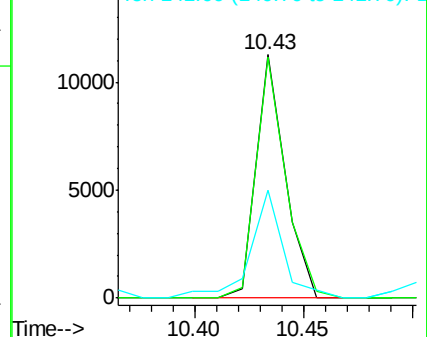
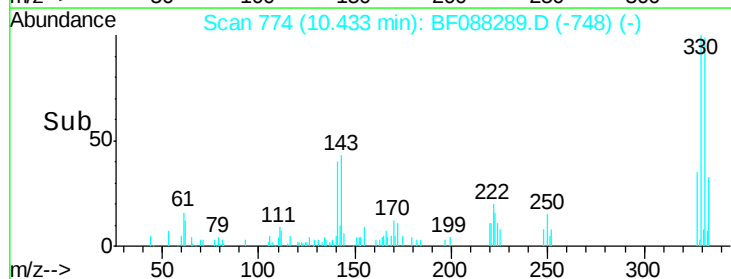
141 49.9 0.0 0.0#

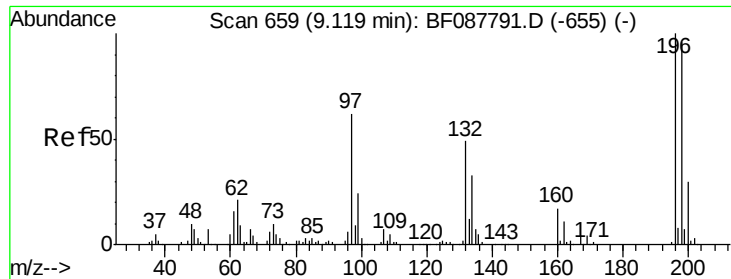


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

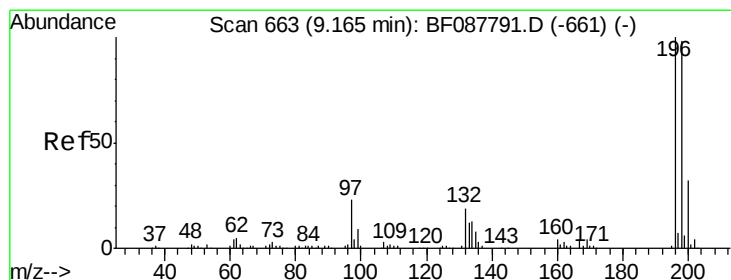
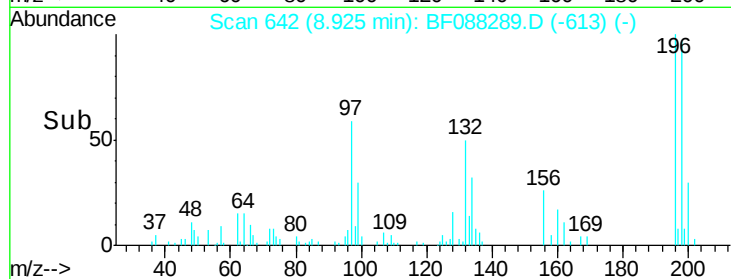
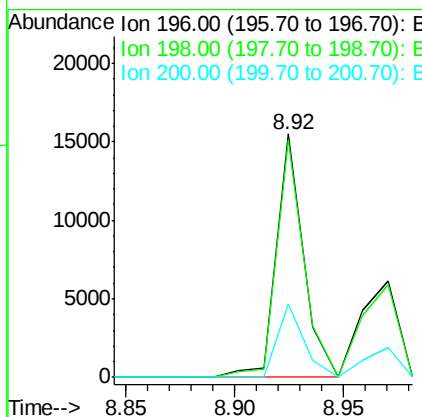
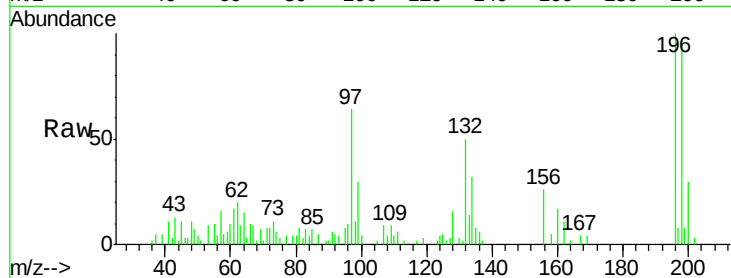




#42
 2,4,6-Trichlorophenol
 Concen: 19.07 ng
 RT: 8.92 min Scan# 642
 Delta R.T. 0.03 min
 Lab File: BF088289.D
 Acq: 23 Jun 2016 11:49

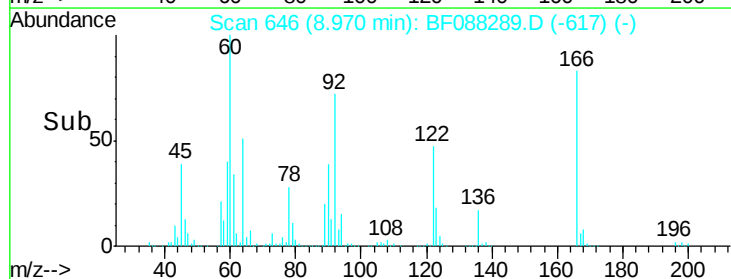
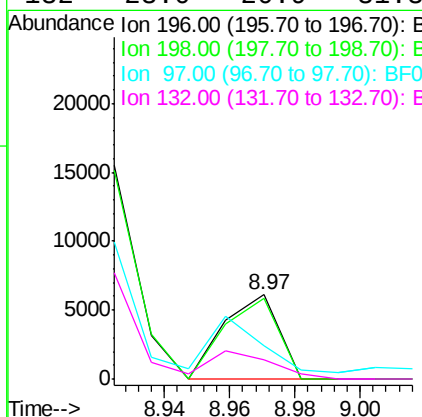
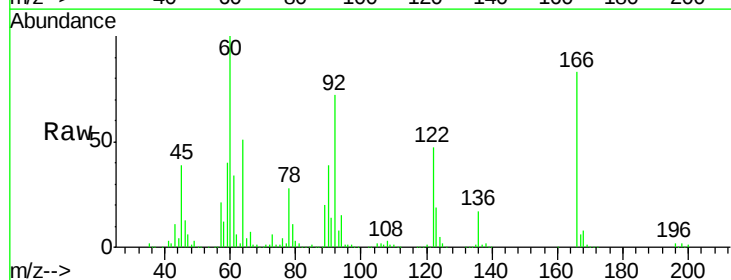
Instrument :
 BNA_F
 ClientSampled :

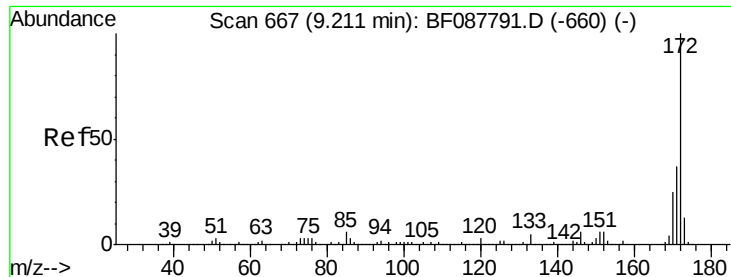
Tot Ion:196 Resp: 13542
 Ion Ratio Lower Upper
 196 100
 198 97.4 78.0 117.0
 200 30.3 25.4 38.2



#43
 2,4,5-Trichlorophenol
 Concen: 9.63 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.03 min
 Lab File: BF088289.D
 Acq: 23 Jun 2016 11:49

Tgt Ion:196 Resp: 7114
 Ion Ratio Lower Upper
 196 100
 198 95.8 77.5 116.3
 97 40.0 32.0 48.0
 132 23.0 20.9 31.3

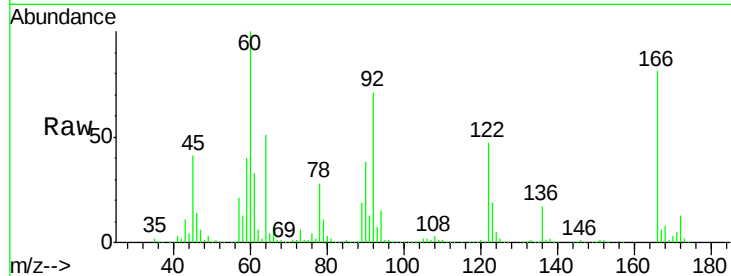




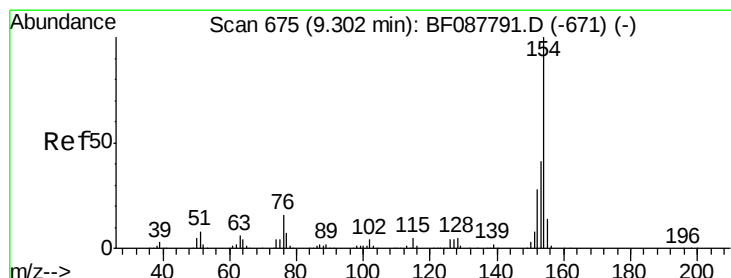
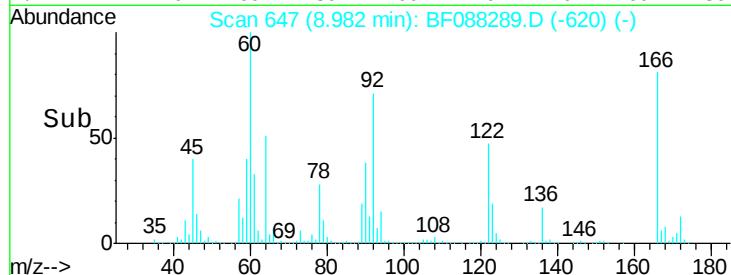
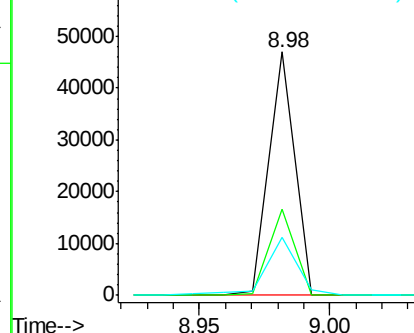
#44
2-Fluorobiphenyl
Concen: 9.58 ng
RT: 8.98 min Scan# 647
Delta R.T. 0.01 min
Lab File: BF088289.D
Acq: 23 Jun 2016 11:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 32759
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.6 19.2 28.8

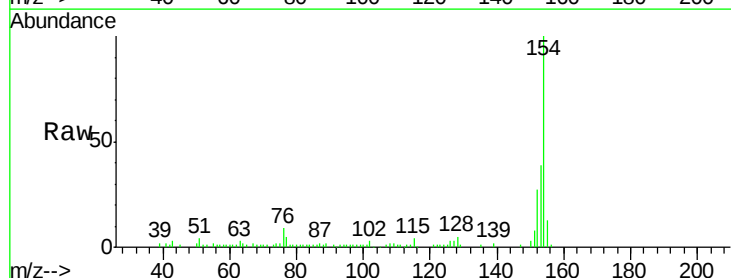


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

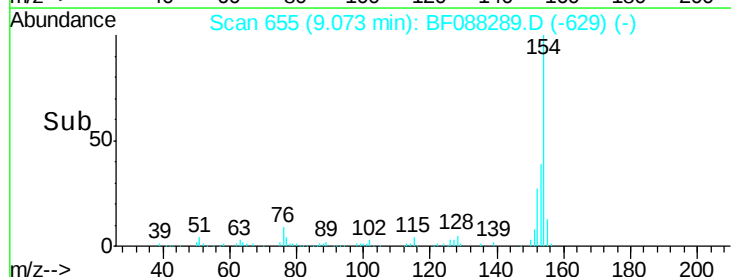
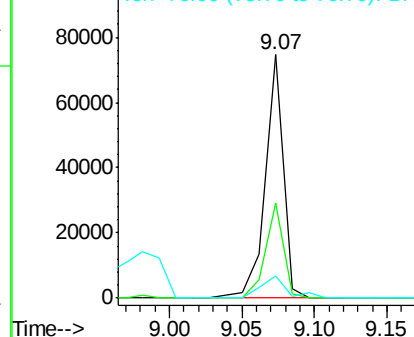


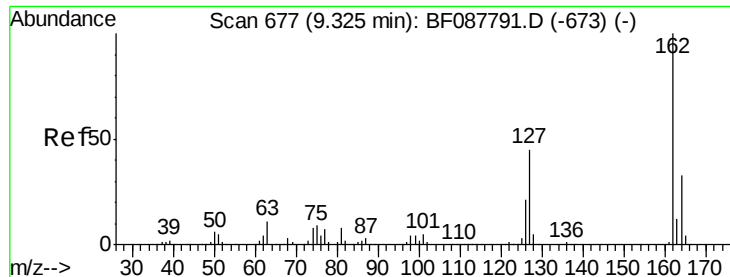
#45
1,1'-Biphenyl
Concen: 20.88 ng
RT: 9.07 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF088289.D
Acq: 23 Jun 2016 11:49

Tgt Ion:154 Resp: 64514
Ion Ratio Lower Upper
154 100
153 39.0 20.6 60.6
76 9.2 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

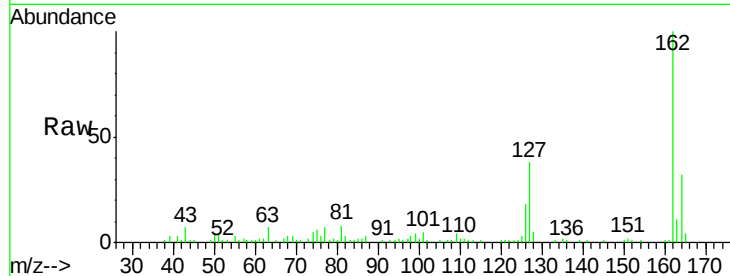




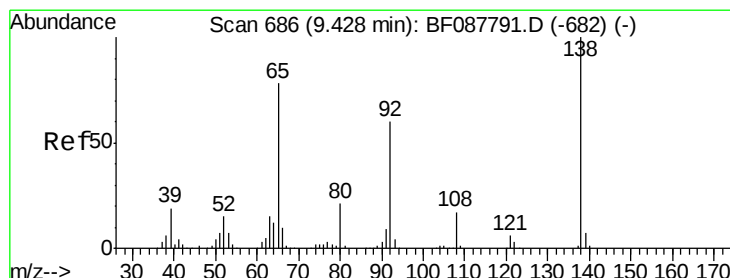
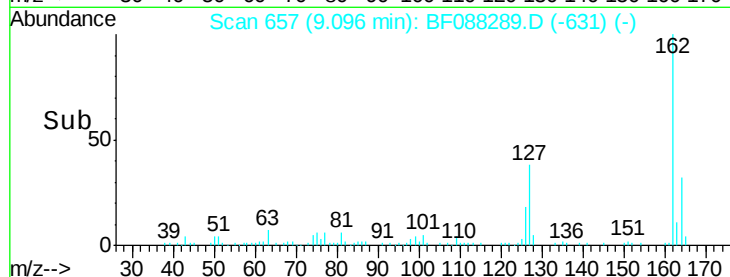
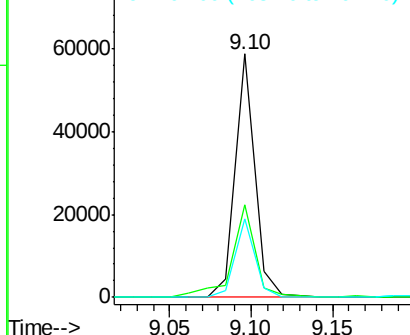
#46
2-Chloronaphthalene
Concen: 21.09 ng
RT: 9.10 min Scan# 657
Delta R.T. 0.00 min
Lab File: BF088289.D
Acq: 23 Jun 2016 11:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 48463
Ion Ratio Lower Upper
162 100
127 38.0 35.2 52.8
164 32.2 26.6 39.8

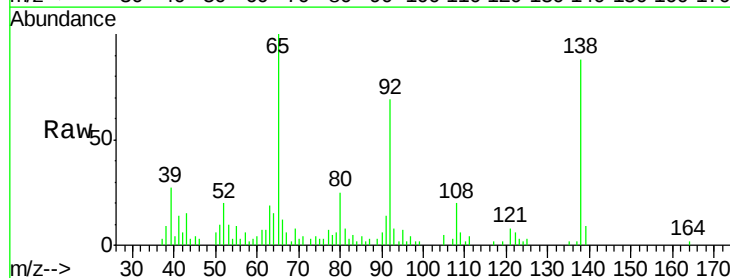


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

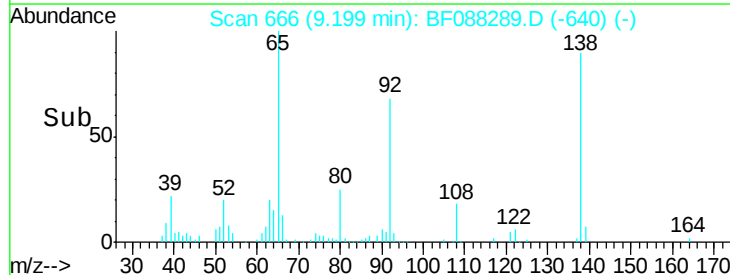
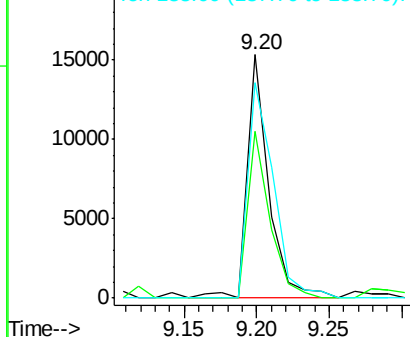


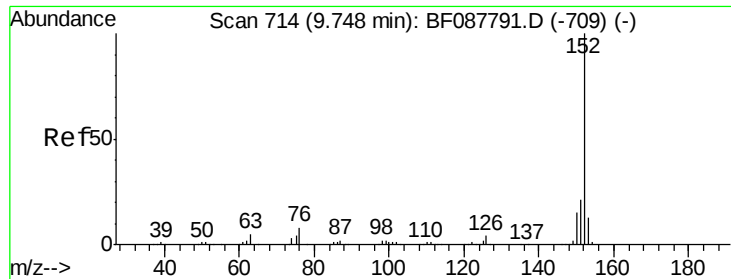
#47
2-Nitroaniline
Concen: 23.21 ng
RT: 9.20 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF088289.D
Acq: 23 Jun 2016 11:49

Tgt Ion: 65 Resp: 15734
Ion Ratio Lower Upper
65 100
92 68.6 54.6 82.0
138 88.4 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: 18.72 ng

RT: 9.50 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF088289.D

Acq: 23 Jun 2016 11:49

Instrument :

BNA_F

ClientSampleId :

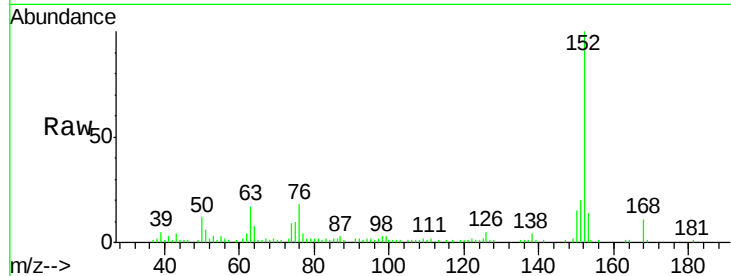
Tot Ion:152 Resp: 68422

Ion Ratio Lower Upper

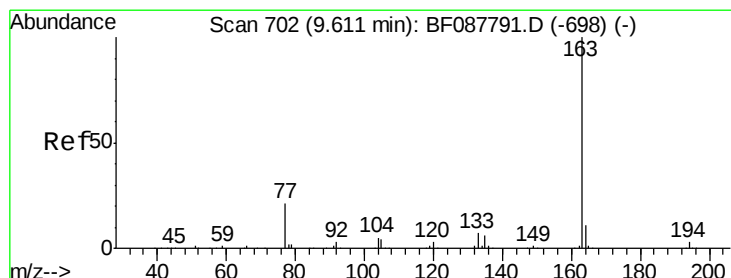
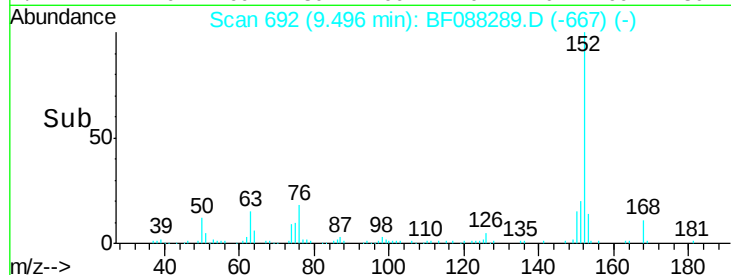
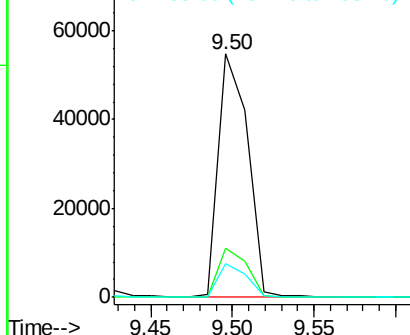
152 100

151 20.2 16.2 24.4

153 13.9 11.0 16.6



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



#49

Dimethylphthalate

Concen: 31.73 ng

RT: 9.37 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF088289.D

Acq: 23 Jun 2016 11:49

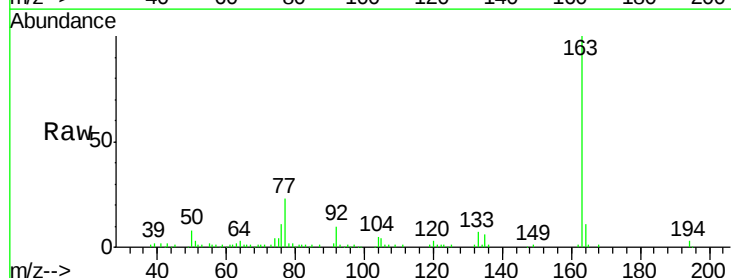
Tgt Ion:163 Resp: 81627

Ion Ratio Lower Upper

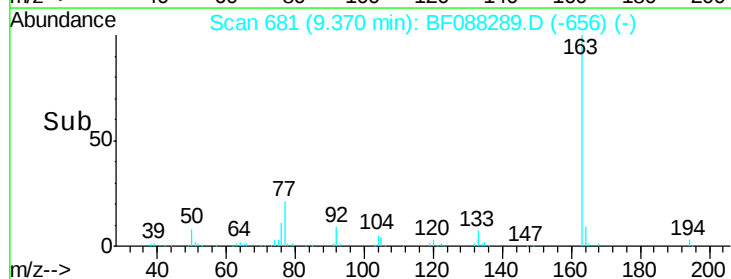
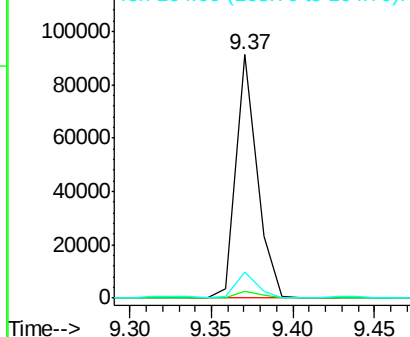
163 100

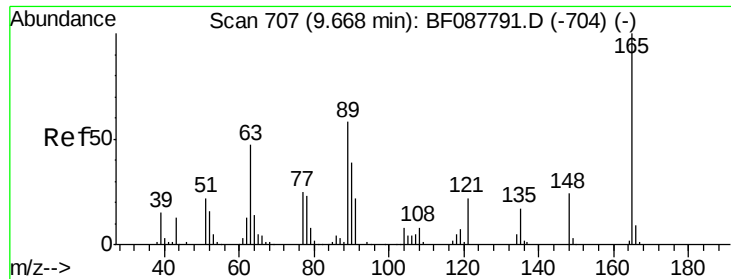
194 3.1 2.8 4.2

164 10.5 8.3 12.5



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

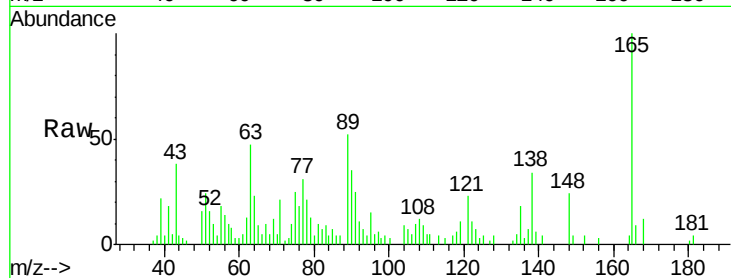




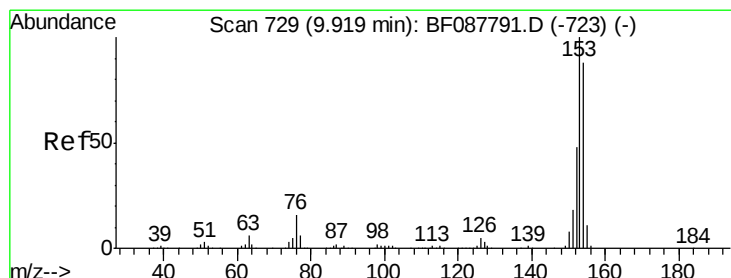
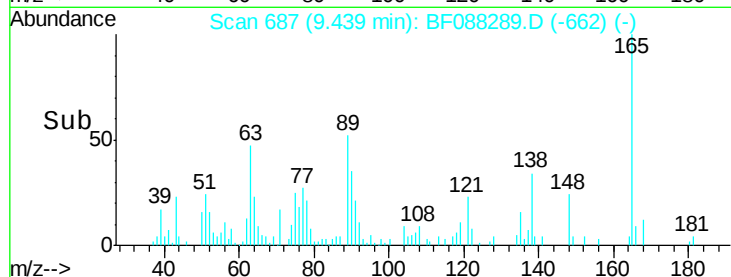
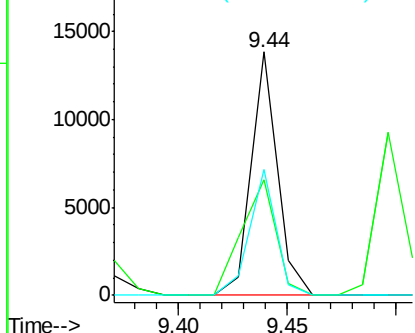
#50
2,6-Dinitrotoluene
Concen: 19.70 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF088289.D
Acq: 23 Jun 2016 11:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 11606
Ion Ratio Lower Upper
165 100
63 47.5 28.1 42.1#
89 51.7 32.2 48.2#

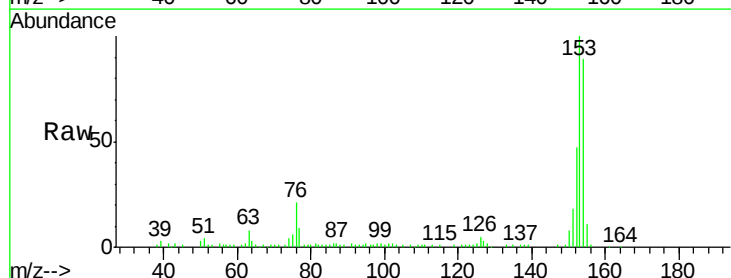


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

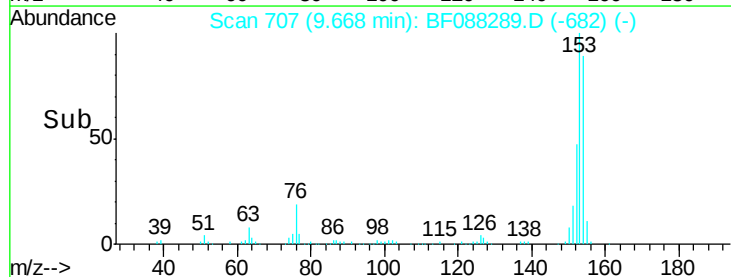
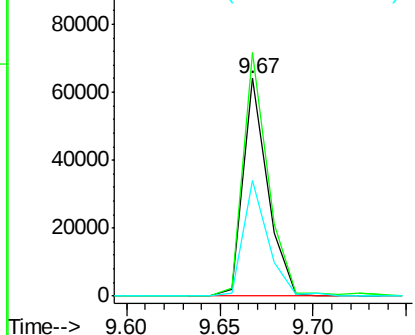


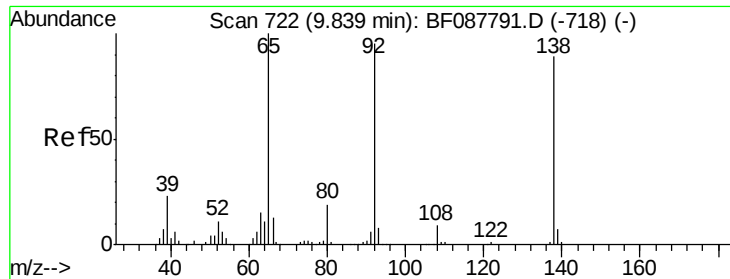
#51
Acenaphthene
Concen: 25.52 ng
RT: 9.67 min Scan# 707
Delta R.T. -0.01 min
Lab File: BF088289.D
Acq: 23 Jun 2016 11:49

Tgt Ion:154 Resp: 58198
Ion Ratio Lower Upper
154 100
153 111.9 89.5 134.3
152 53.0 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: 18.89 ng

RT: 9.62 min Scan# 703

Delta R.T. 0.01 min

Lab File: BF088289.D

Acq: 23 Jun 2016 11:49

Instrument :

BNA_F

ClientSampleId :

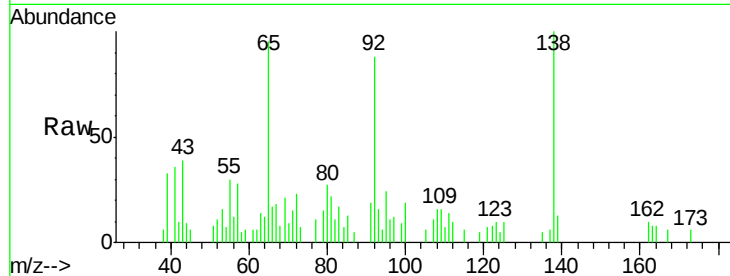
Tot Ion:138 Resp: 12838

Ion Ratio Lower Upper

138 100

108 16.1 8.5 12.7#

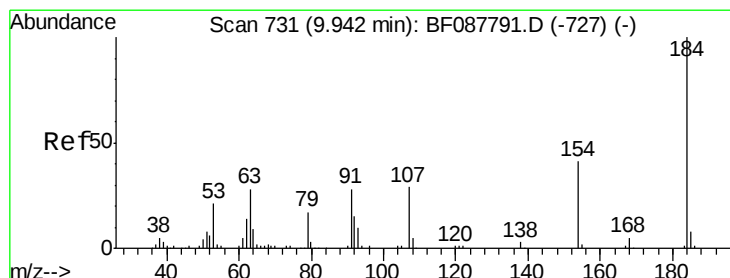
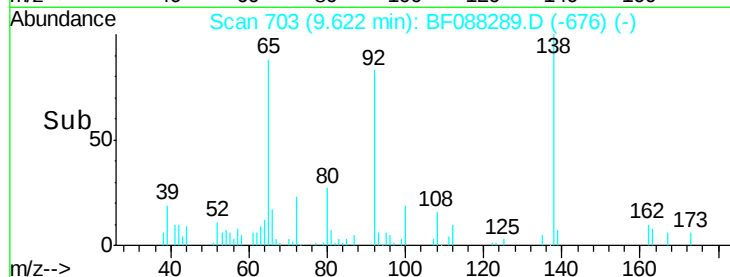
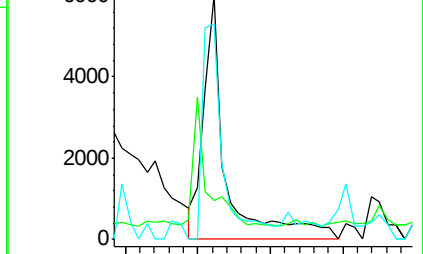
92 88.4 95.7 143.5#



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: 4.21 ng

RT: 9.76 min Scan# 715

Delta R.T. 0.02 min

Lab File: BF088289.D

Acq: 23 Jun 2016 11:49

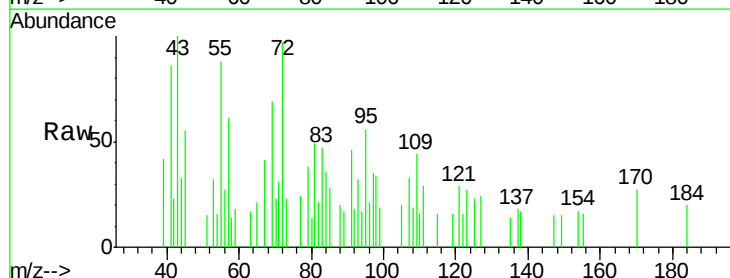
Tgt Ion:184 Resp: 292

Ion Ratio Lower Upper

184 100

63 83.8 57.6 86.4

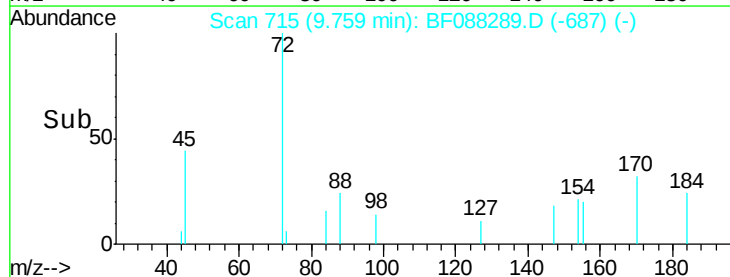
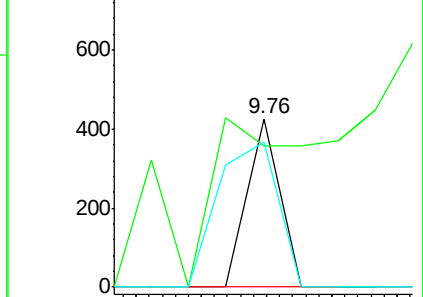
154 85.9 53.5 80.3#

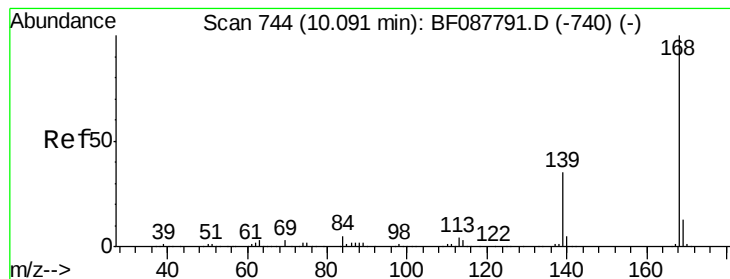


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 19.39 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF088289.D

Acq: 23 Jun 2016 11:49

Instrument :

BNA_F

ClientSampled :

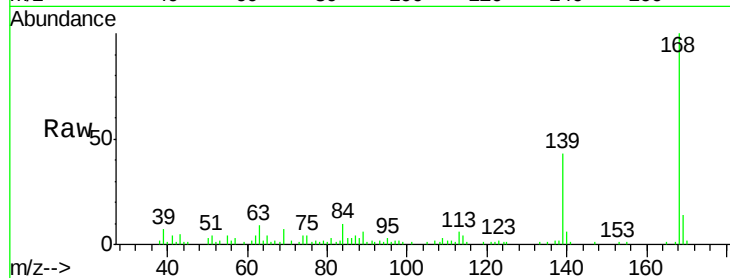
Tot Ion:168 Resp: 60896

Ion Ratio Lower Upper

168 100

139 43.3 26.4 39.6#

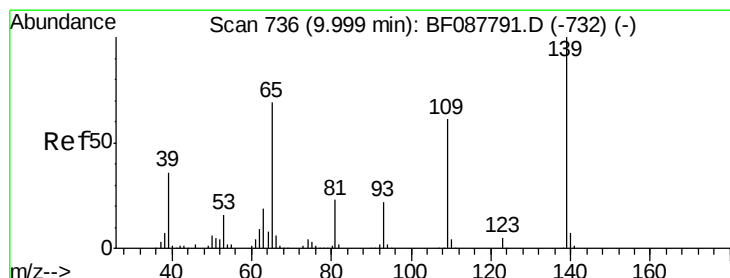
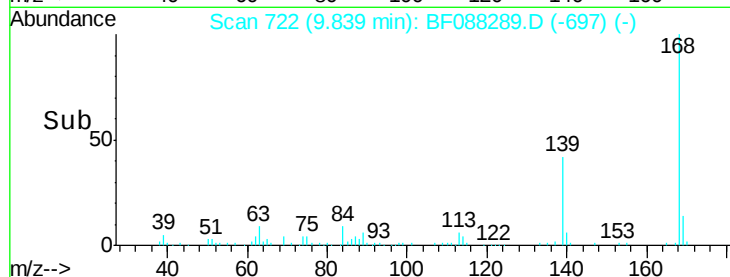
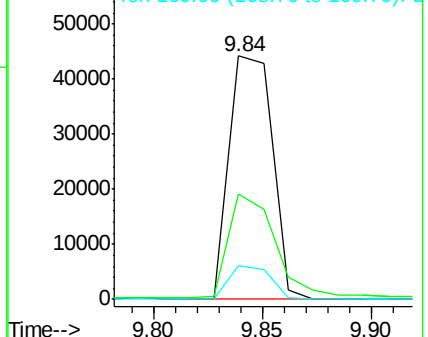
169 13.6 10.4 15.6



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: 60.45 ng

RT: 9.84 min Scan# 722

Delta R.T. 0.03 min

Lab File: BF088289.D

Acq: 23 Jun 2016 11:49

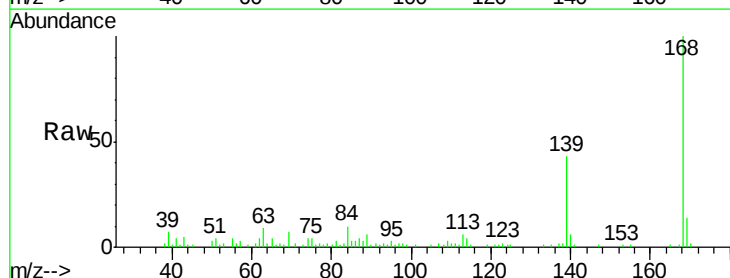
Tgt Ion:139 Resp: 31896

Ion Ratio Lower Upper

139 100

109 7.5 48.9 88.9#

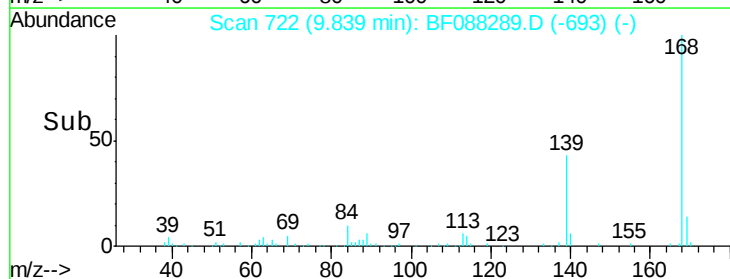
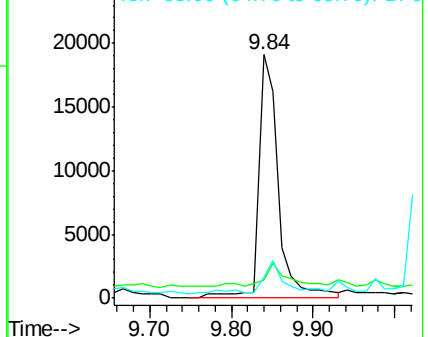
65 8.4 84.9 124.9#

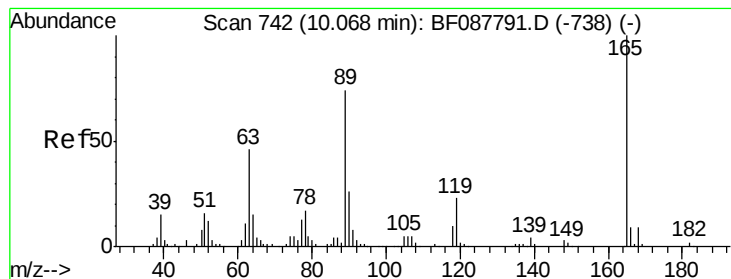


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 17.19 ng

RT: 9.85 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF088289.D

Acq: 23 Jun 2016 11:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 13014

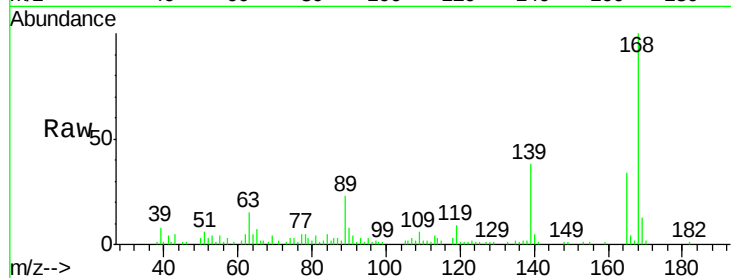
Ion Ratio Lower Upper

165 100

63 44.2 22.0 33.0#

89 67.5 41.1 61.7#

182 3.0 2.0 3.0#

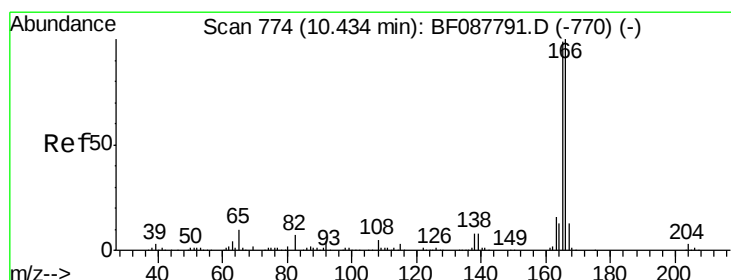
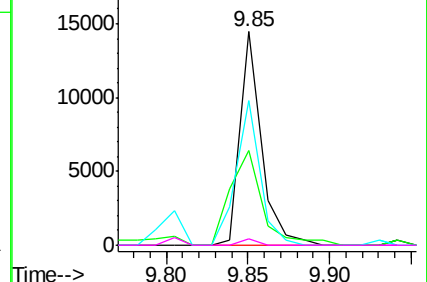
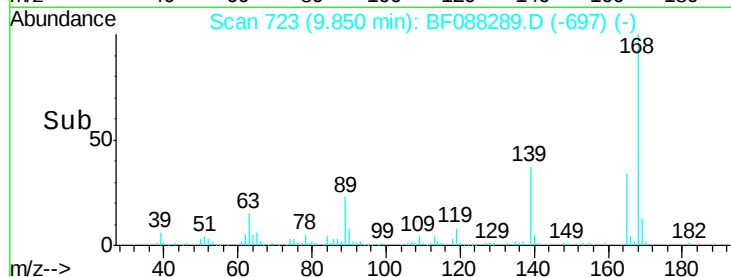


Abundance Ion 165.00 (164.70 to 165.70): E

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: 26.78 ng

RT: 10.18 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF088289.D

Acq: 23 Jun 2016 11:49

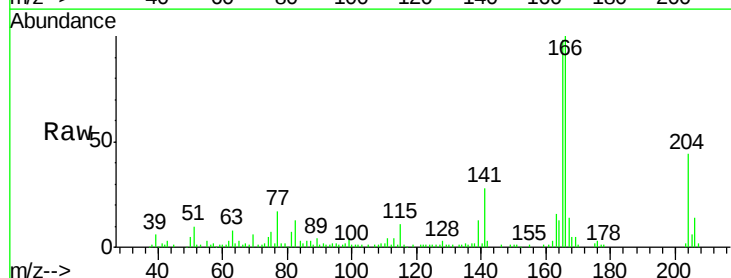
Tgt Ion:166 Resp: 60969

Ion Ratio Lower Upper

166 100

165 97.9 77.8 116.8

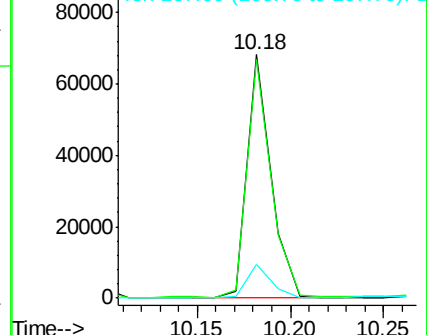
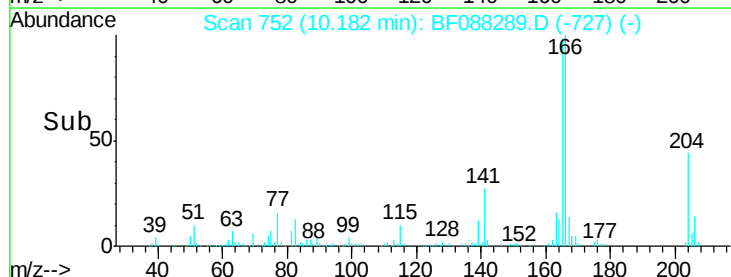
167 13.9 11.2 16.8

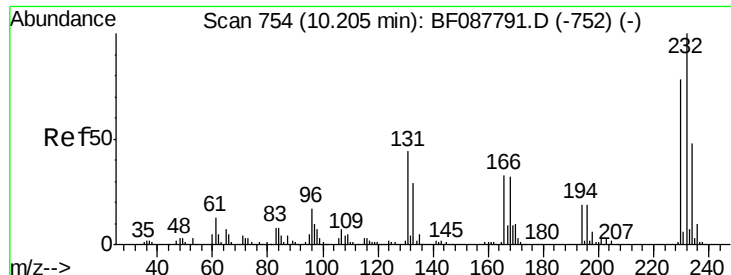


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

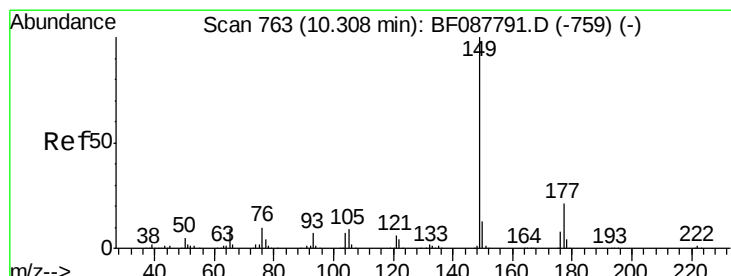
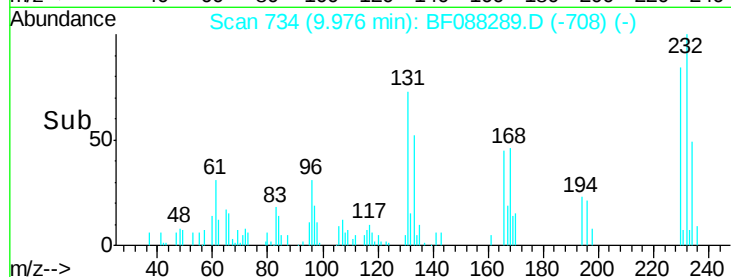
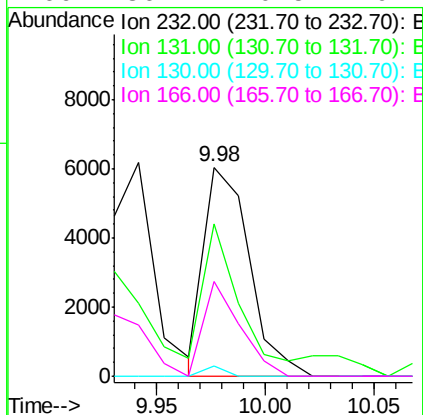
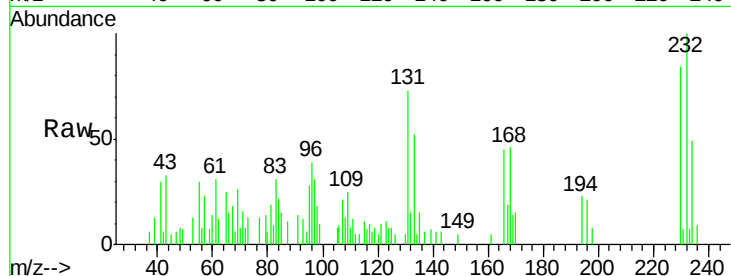




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 15.12 ng
 RT: 9.98 min Scan# 734
 Delta R.T. 0.00 min
 Lab File: BF088289.D
 Acq: 23 Jun 2016 11:49

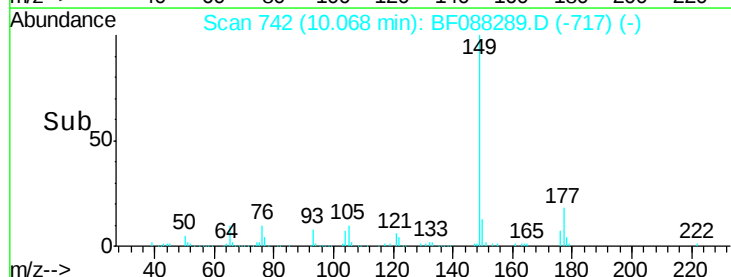
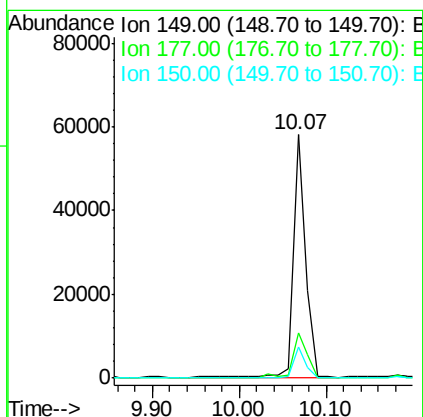
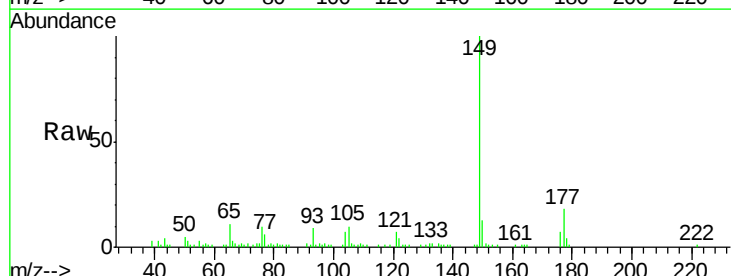
Instrument :
 BNA_F
 ClientSampled :

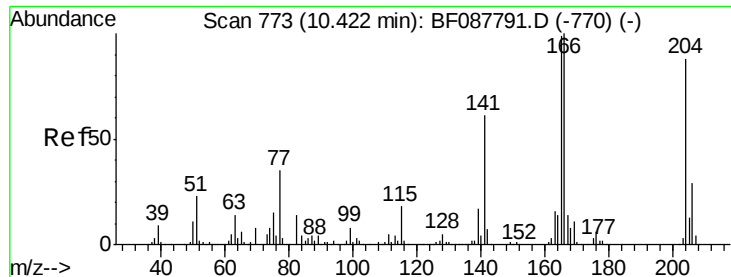
Tot Ion:232 Resp: 8777
 Ion Ratio Lower Upper
 232 100
 131 52.7 0.9 1.3#
 130 2.4 1.5 2.3#
 166 36.7 0.5 0.7#



#59
 Diethylphthalate
 Concen: 22.66 ng
 RT: 10.07 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF088289.D
 Acq: 23 Jun 2016 11:49

Tgt Ion:149 Resp: 59003
 Ion Ratio Lower Upper
 149 100
 177 18.5 16.9 25.3
 150 12.8 10.1 15.1

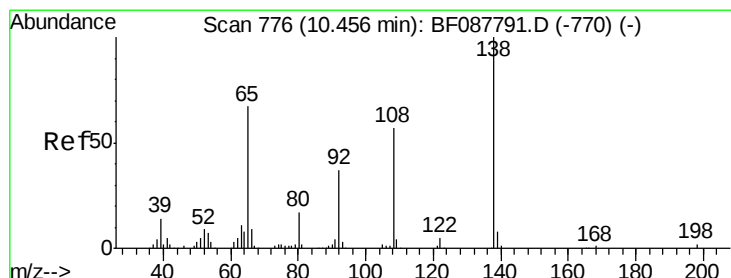
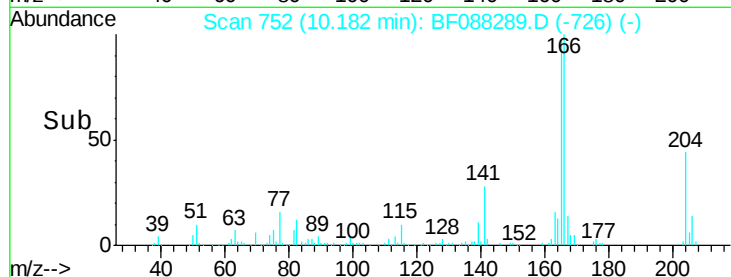
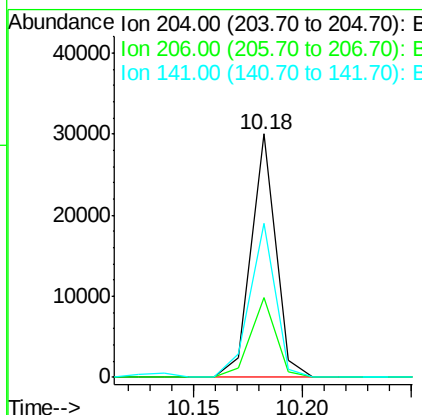
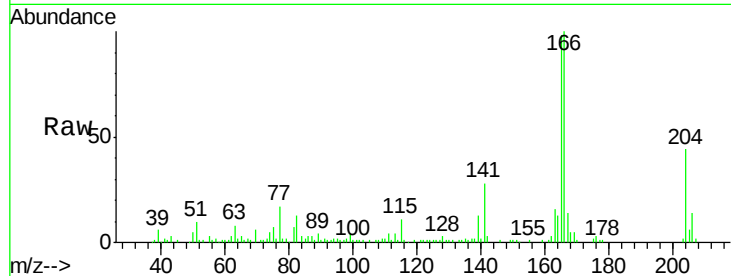




#60
4-Chlorophenyl-phenylether
Concen: 22.67 ng
RT: 10.18 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF088289.D
Acq: 23 Jun 2016 11:49

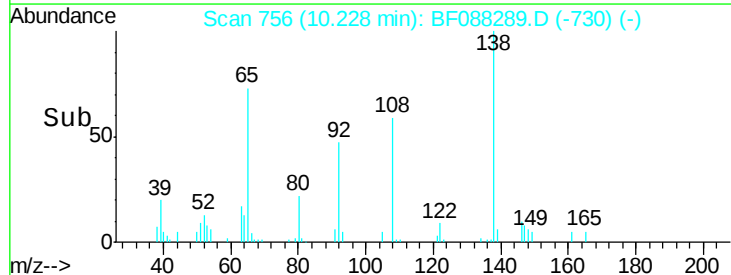
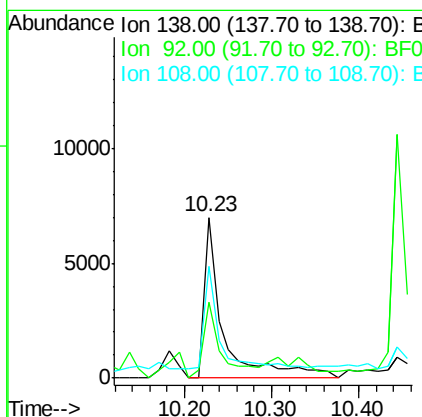
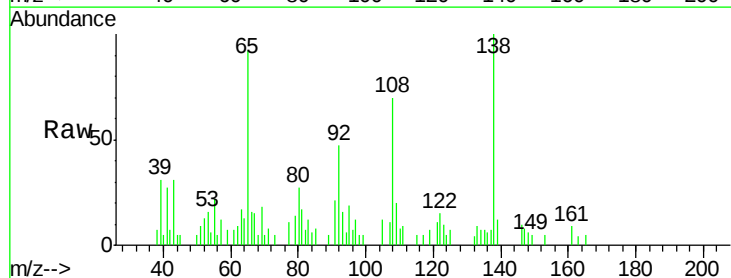
Instrument :
BNA_F
ClientSampled :

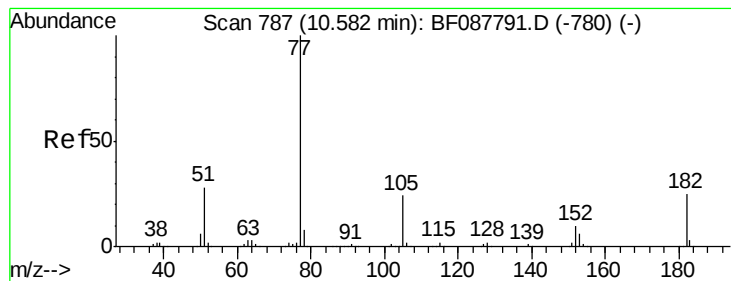
Tot Ion:204 Resp: 23674
Ion Ratio Lower Upper
204 100
206 32.7 26.3 39.5
141 63.4 55.0 82.6



#61
4-Nitroaniline
Concen: 16.44 ng
RT: 10.23 min Scan# 756
Delta R.T. 0.00 min
Lab File: BF088289.D
Acq: 23 Jun 2016 11:49

Tgt Ion:138 Resp: 10602
Ion Ratio Lower Upper
138 100
92 47.0 27.3 67.3
108 69.5 46.7 86.7





#62

Azobenzene

Concen: 17.81 ng

RT: 10.34 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF088289.D

Acq: 23 Jun 2016 11:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 45865

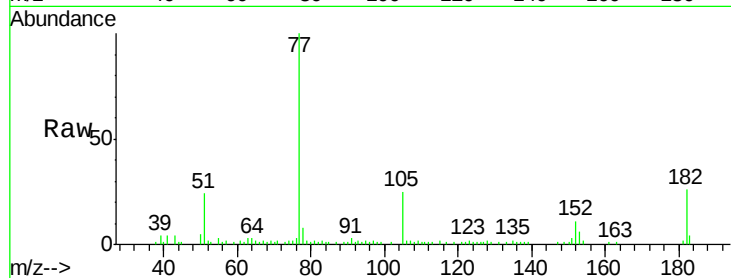
Ion Ratio Lower Upper

77 100

182 26.4 4.4 44.4

105 25.5 3.8 43.8

51 24.3 9.3 49.3

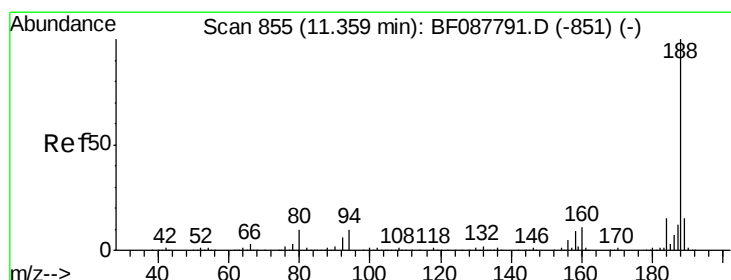
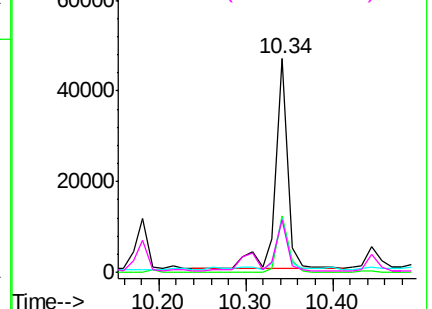
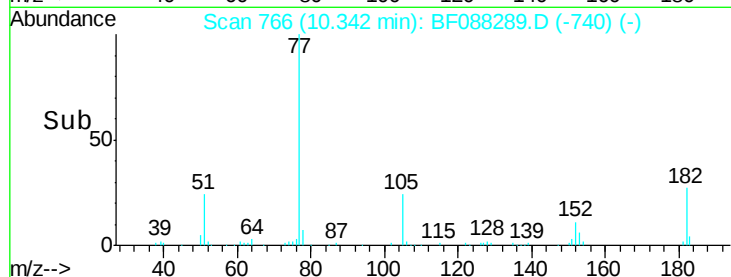


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.12 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF088289.D

Acq: 23 Jun 2016 11:49

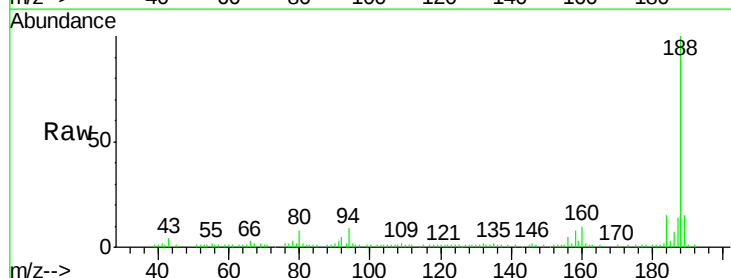
Tgt Ion: 188 Resp: 54871

Ion Ratio Lower Upper

188 100

94 8.5 9.0 13.6#

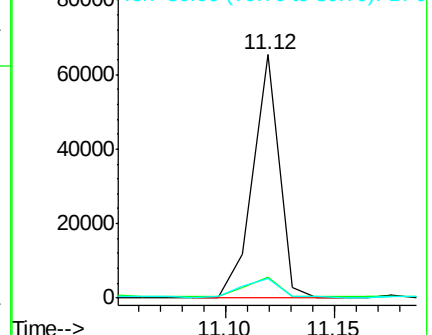
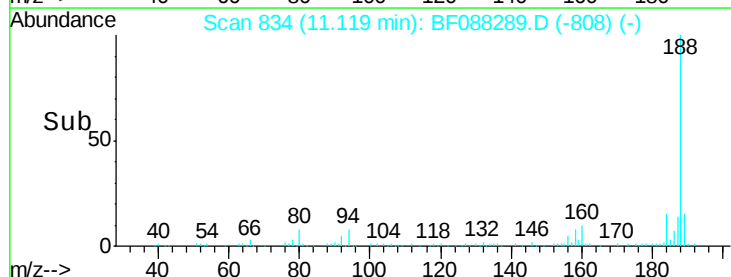
80 8.1 10.0 15.0#

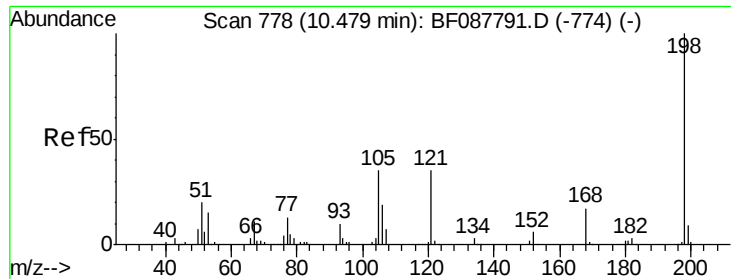


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 212.75 ng

RT: 10.50 min Scan# 780

Delta R.T. 0.24 min

Lab File: BF088289.D

Acq: 23 Jun 2016 11:49

Instrument :

BNA_F

ClientSampleId :

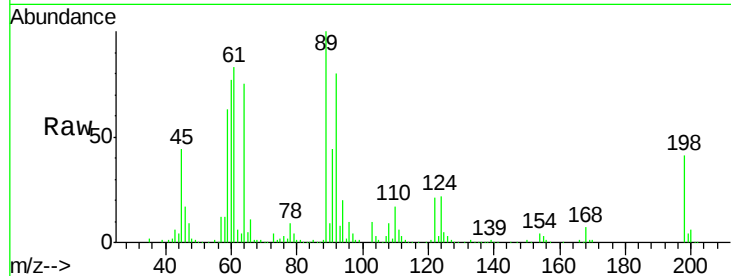
Tot Ion:198 Resp: 75541

Ion Ratio Lower Upper

198 100

51 0.5 39.6 79.6#

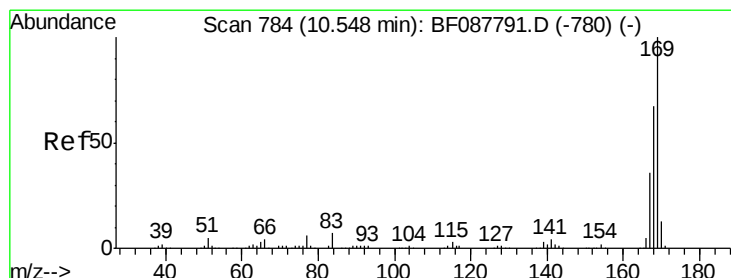
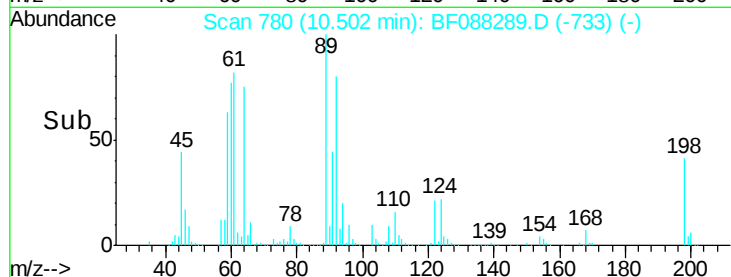
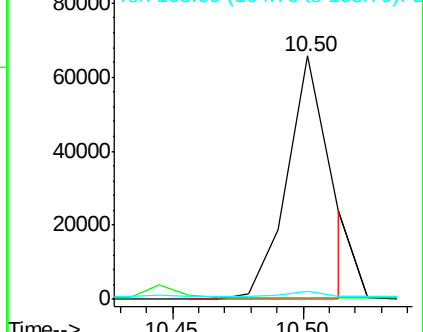
105 3.1 36.6 76.6#



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: 24.43 ng

RT: 10.31 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF088289.D

Acq: 23 Jun 2016 11:49

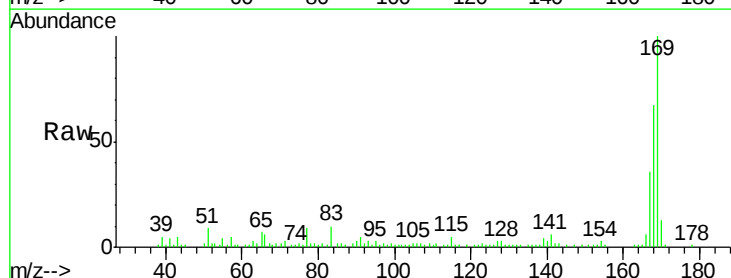
Tgt Ion:169 Resp: 44483

Ion Ratio Lower Upper

169 100

168 67.5 53.4 80.0

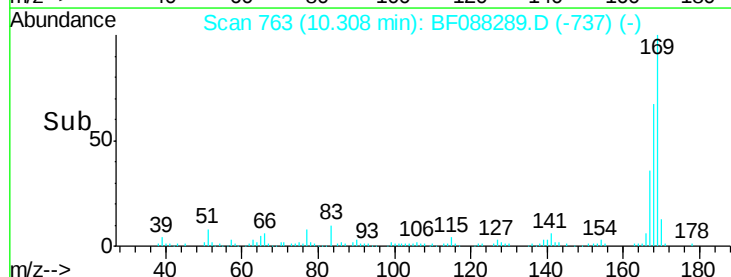
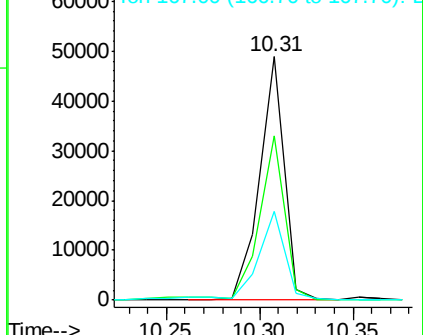
167 36.3 29.4 44.0

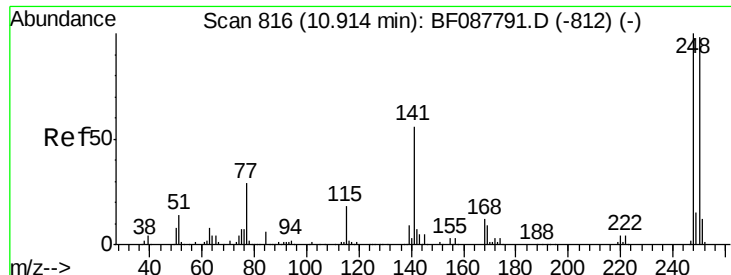


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

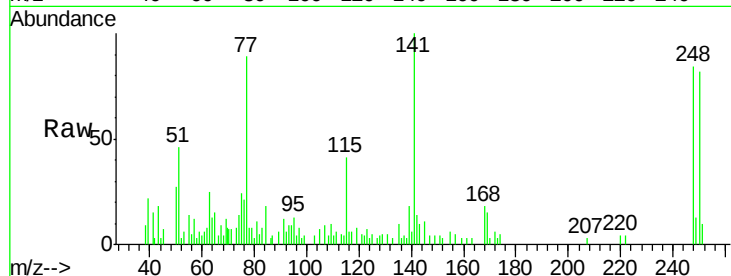




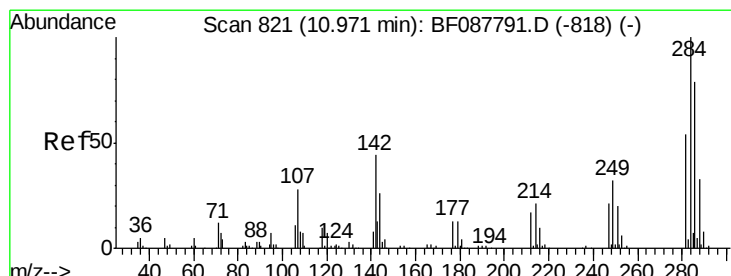
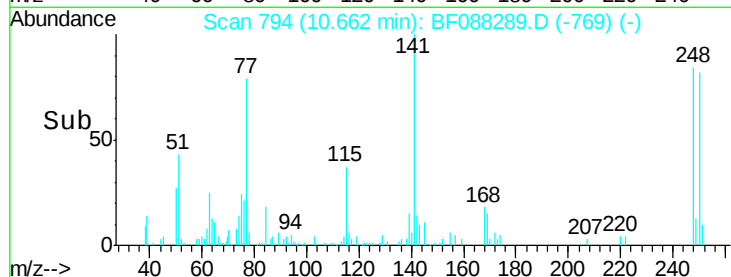
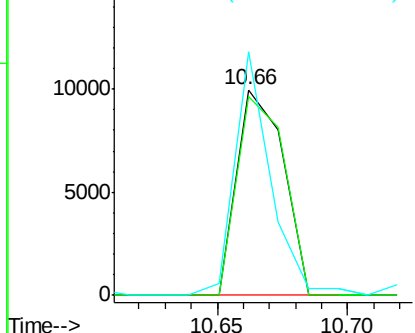
#66
4-Bromophenyl-phenylether
Concen: 20.98 ng
RT: 10.66 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF088289.D
Acq: 23 Jun 2016 11:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 12349
Ion Ratio Lower Upper
248 100
250 96.6 77.1 115.7
141 118.4 50.6 76.0#

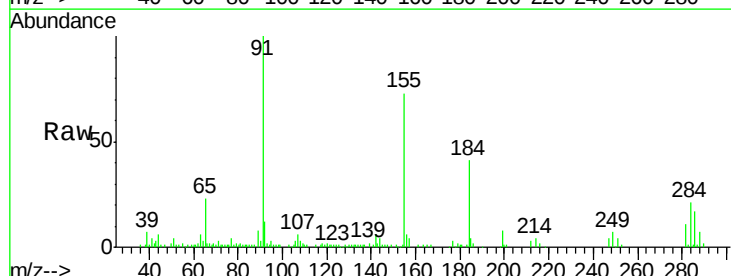


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

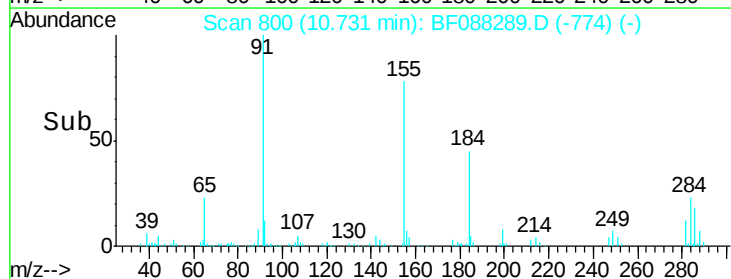
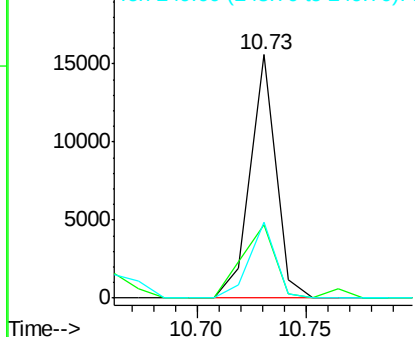


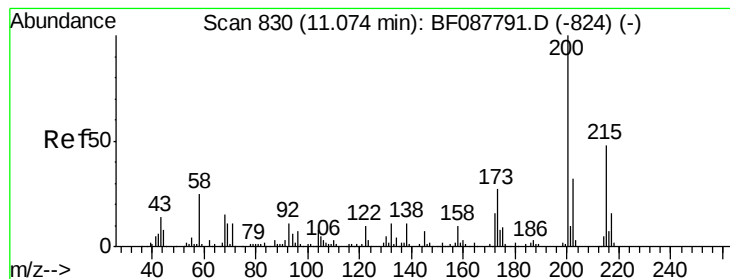
#67
Hexachlorobenzene
Concen: 21.02 ng
RT: 10.73 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF088289.D
Acq: 23 Jun 2016 11:49

Tgt Ion:284 Resp: 12859
Ion Ratio Lower Upper
284 100
142 30.2 35.8 53.8#
249 31.4 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: 10.99 ng

RT: 10.84 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF088289.D

Acq: 23 Jun 2016 11:49

Instrument :

BNA_F

ClientSampled :

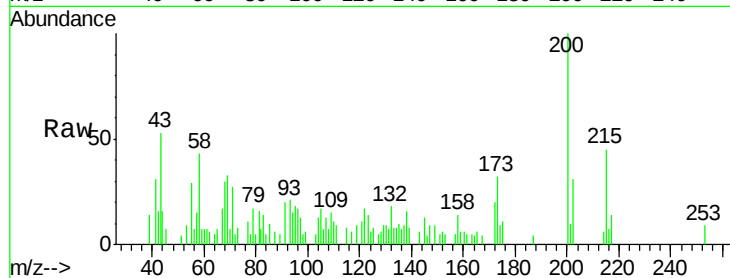
Tot Ion:200 Resp: 6059

Ion Ratio Lower Upper

200 100

173 31.8 4.0 44.0

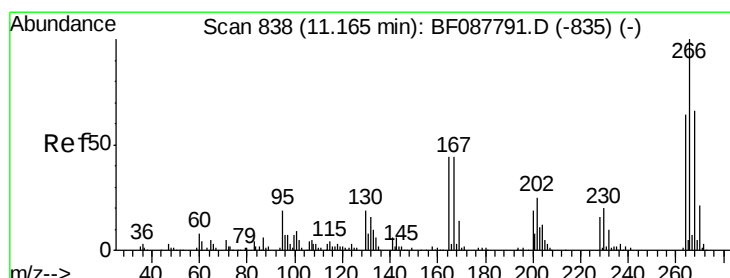
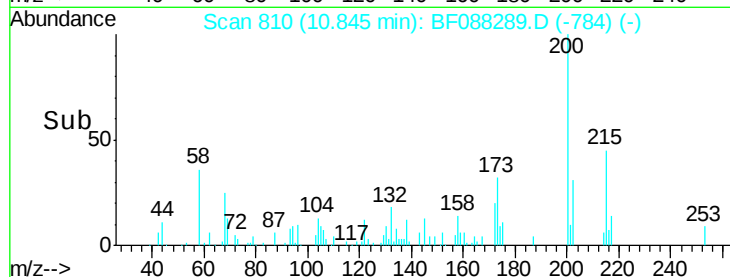
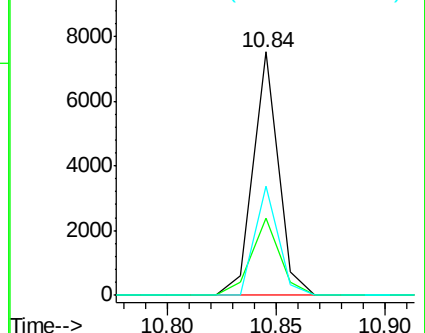
215 44.7 29.3 69.3



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: 24.36 ng

RT: 10.94 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF088289.D

Acq: 23 Jun 2016 11:49

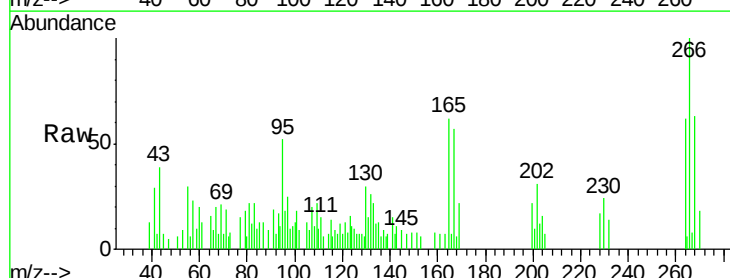
Tgt Ion:266 Resp: 7855

Ion Ratio Lower Upper

266 100

268 63.5 52.8 79.2

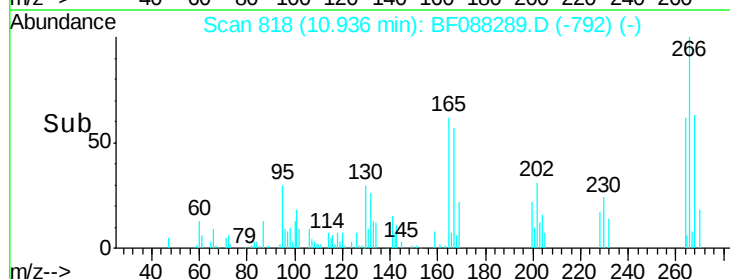
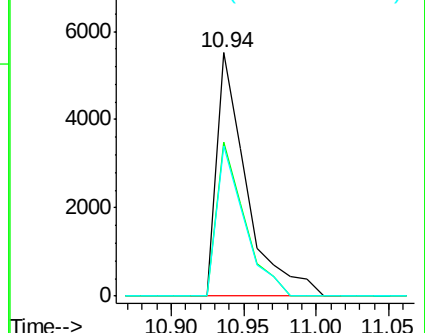
264 61.9 49.6 74.4

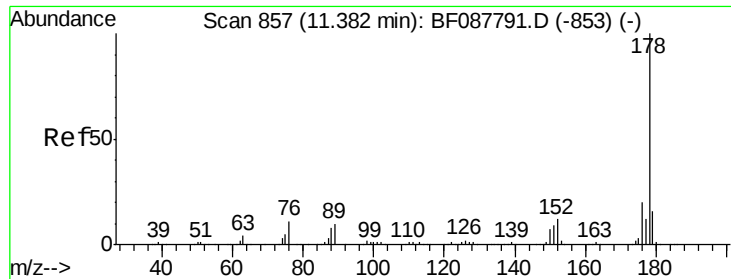


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

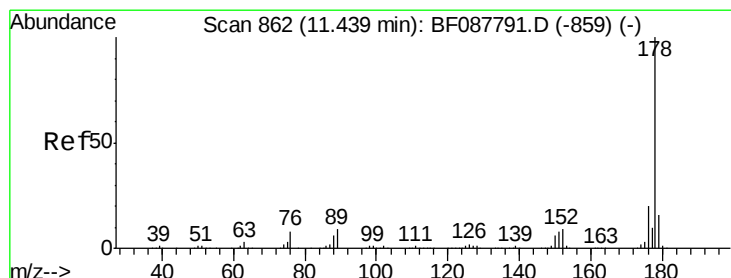
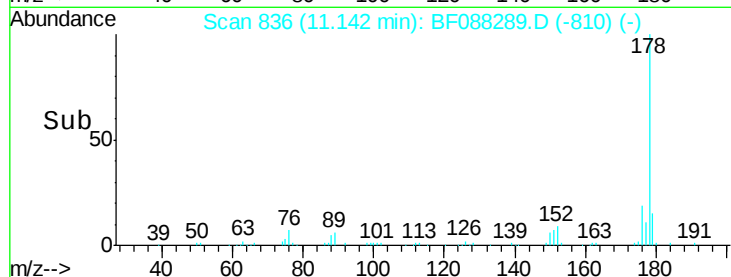
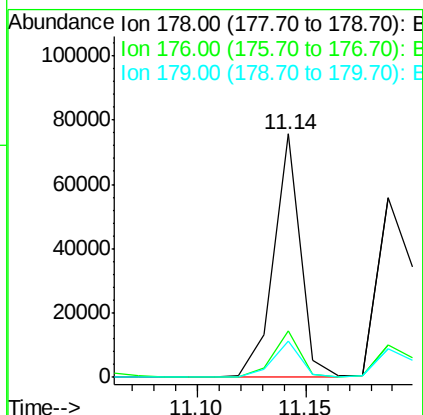
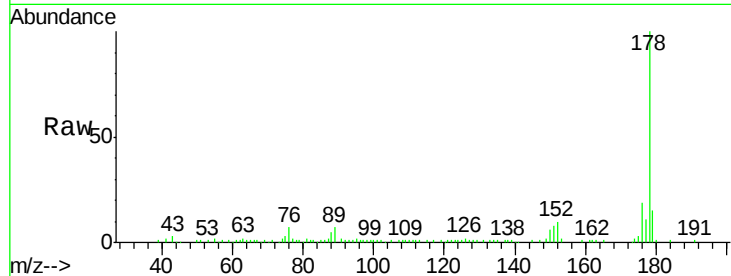




#70
Phenanthrene
Concen: 22.63 ng
RT: 11.14 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF088289.D
Acq: 23 Jun 2016 11:49

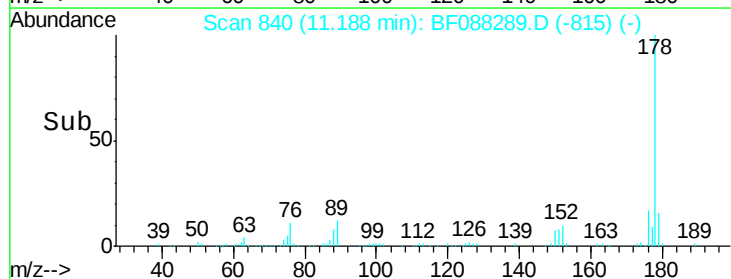
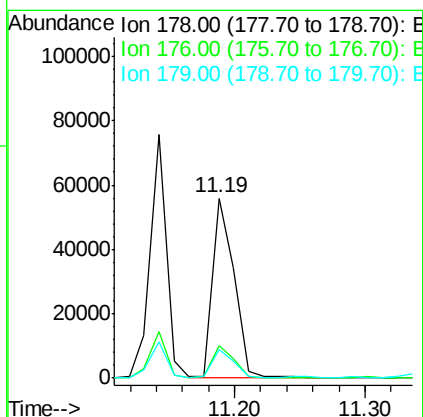
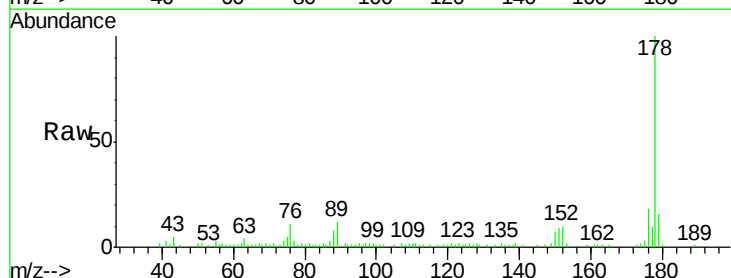
Instrument :
BNA_F
ClientSampleId :

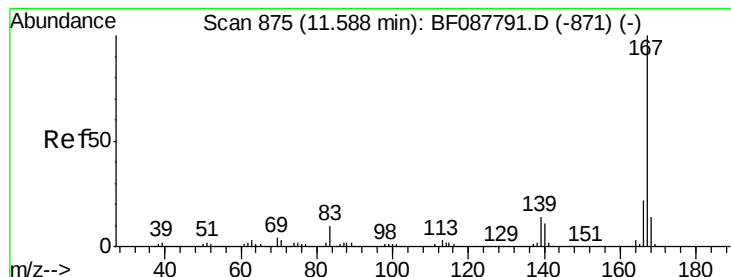
Tot Ion:178 Resp: 65169
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.6
179 15.1 13.0 19.4



#71
Anthracene
Concen: 22.38 ng
RT: 11.19 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF088289.D
Acq: 23 Jun 2016 11:49

Tgt Ion:178 Resp: 65001
Ion Ratio Lower Upper
178 100
176 17.8 15.6 23.4
179 15.5 12.8 19.2





#72

Carbazole

Concen: 23.38 ng

RT: 11.36 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF088289.D

Acq: 23 Jun 2016 11:49

Instrument :

BNA_F

ClientSampleId :

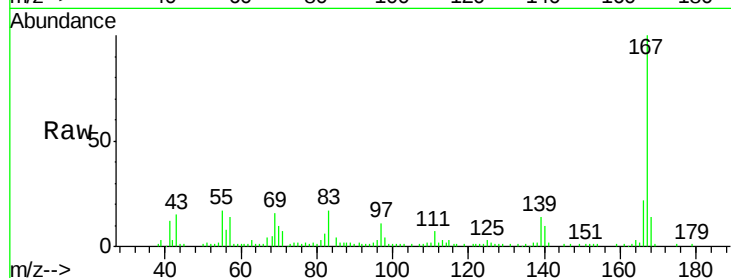
Tot Ion:167 Resp: 63537

Ion Ratio Lower Upper

167 100

166 21.9 17.8 26.6

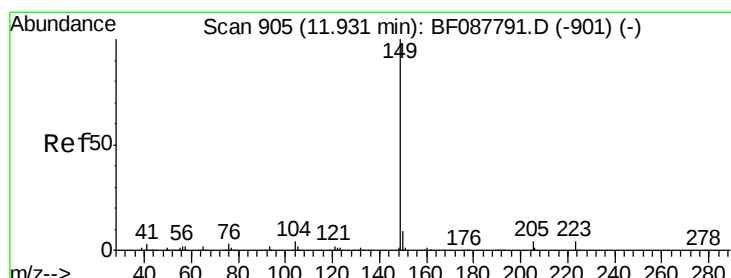
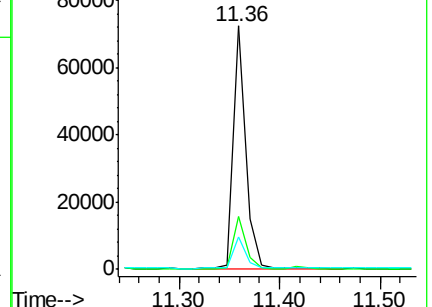
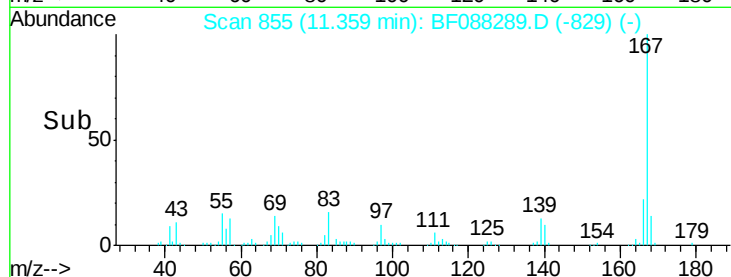
139 13.6 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 25.86 ng

RT: 11.69 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF088289.D

Acq: 23 Jun 2016 11:49

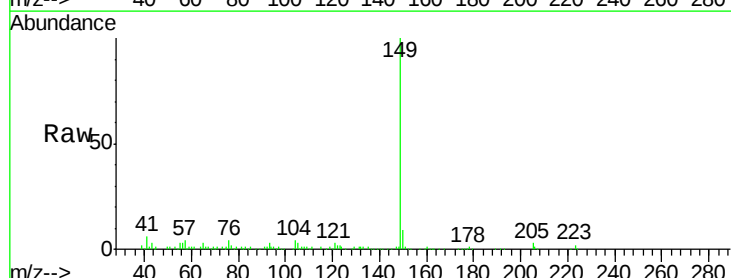
Tgt Ion:149 Resp: 88959

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

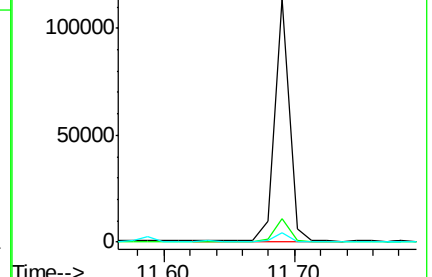
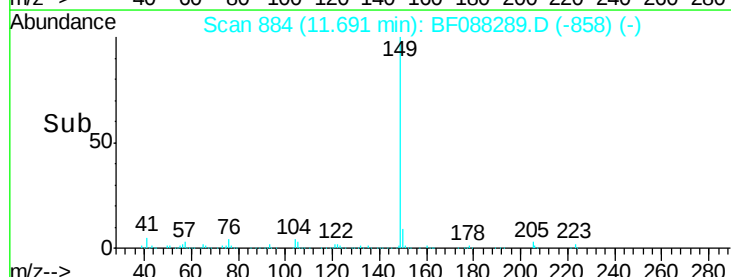
104 4.1 4.0 6.0

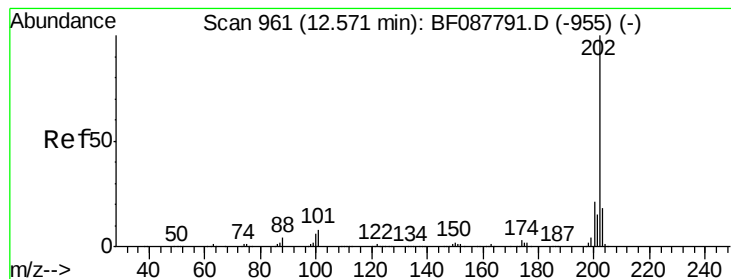


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 20.09 ng

RT: 12.33 min Scan# 940

Delta R.T. 0.01 min

Lab File: BF088289.D

Acq: 23 Jun 2016 11:49

Instrument :

BNA_F

ClientSampled :

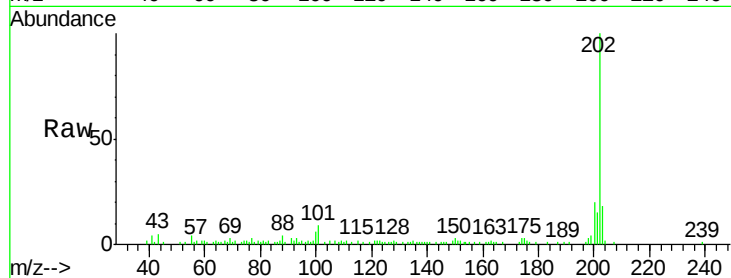
Tot Ion:202 Resp: 61053

Ion Ratio Lower Upper

202 100

101 8.6 0.0 33.1

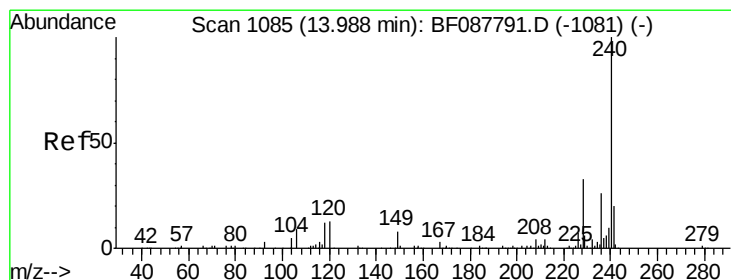
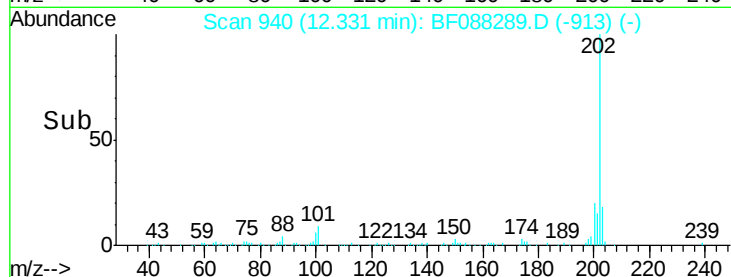
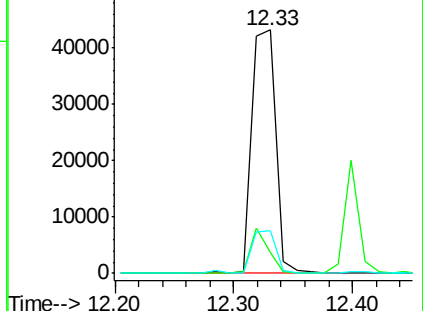
203 17.6 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF088289.D

Acq: 23 Jun 2016 11:49

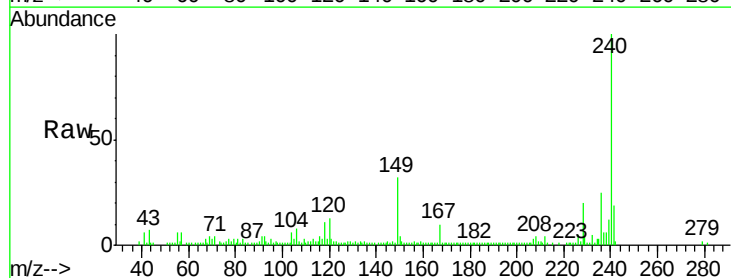
Tgt Ion:240 Resp: 47116

Ion Ratio Lower Upper

240 100

120 12.5 6.8 10.2#

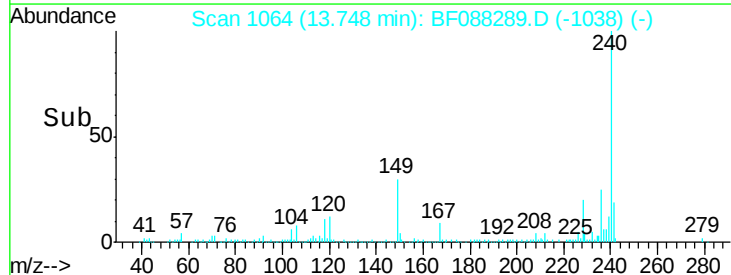
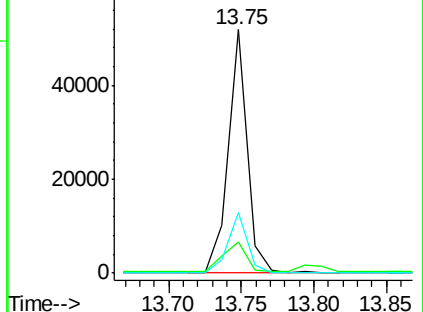
236 24.9 20.2 30.2

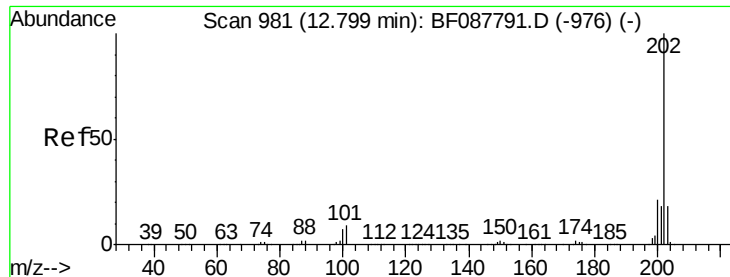


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 19.57 ng

RT: 12.55 min Scan# 959

Delta R.T. 0.00 min

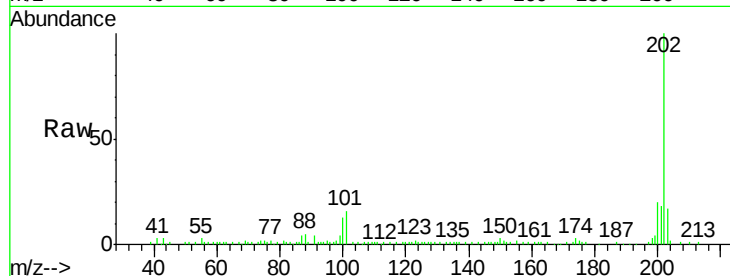
Lab File: BF088289.D

Acq: 23 Jun 2016 11:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 68436

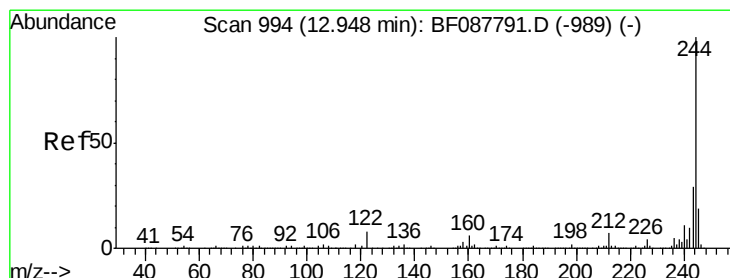
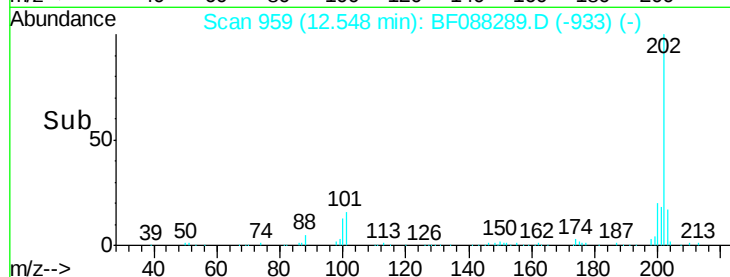
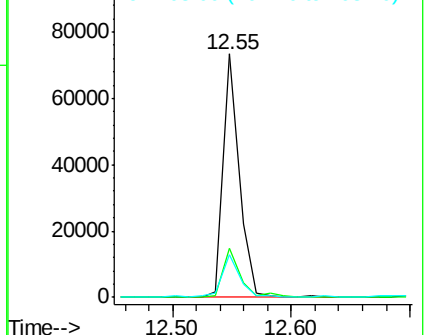
Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.4	26.2
203	17.5	14.5	21.7



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: 19.69 ng

RT: 12.70 min Scan# 972

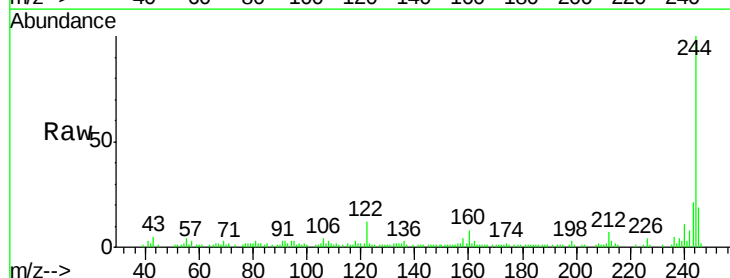
Delta R.T. 0.00 min

Lab File: BF088289.D

Acq: 23 Jun 2016 11:49

Tgt Ion:244 Resp: 40776

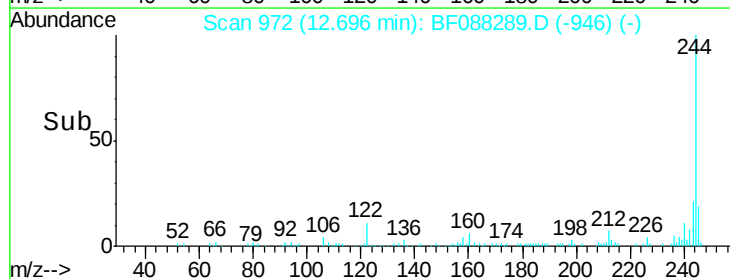
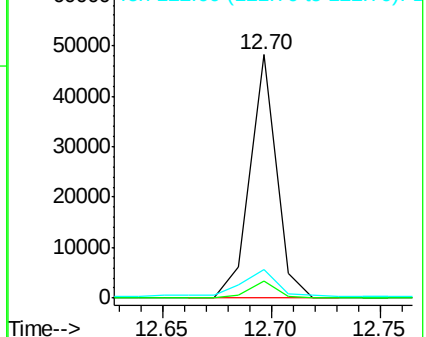
Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	11.6	11.2	16.8

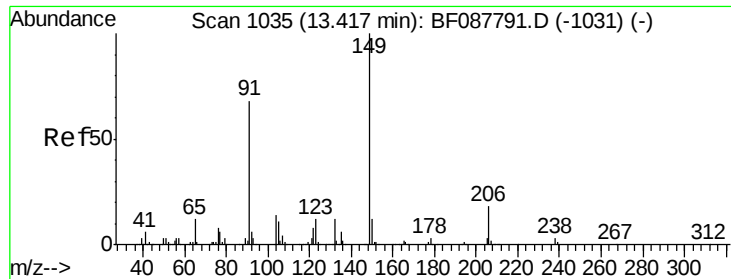


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

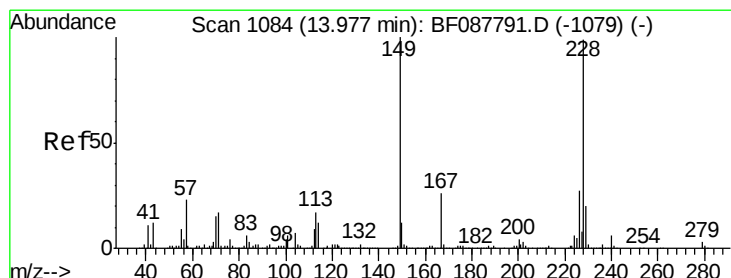
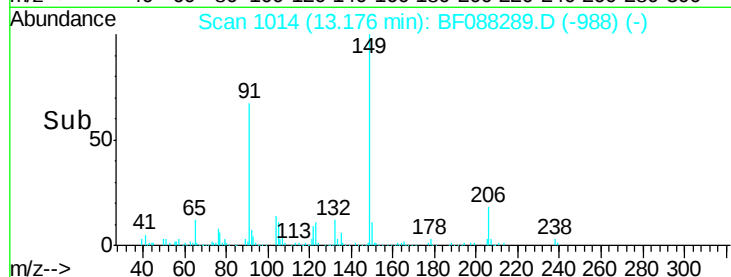
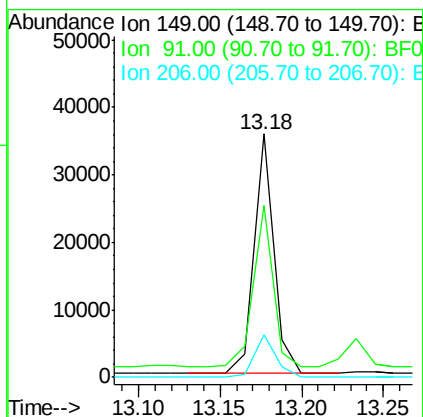
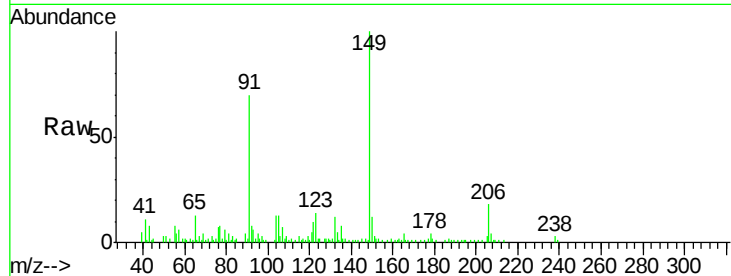




#79
Butylbenzylphthalate
Concen: 19.34 ng
RT: 13.18 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF088289.D
Acq: 23 Jun 2016 11:49

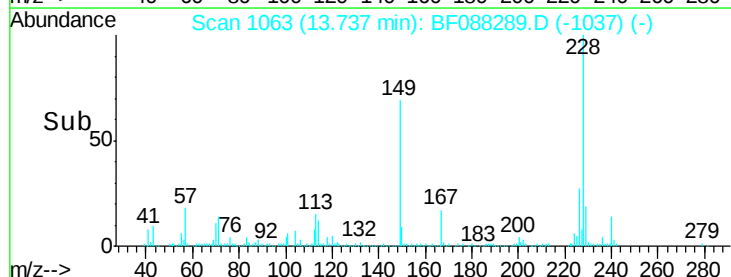
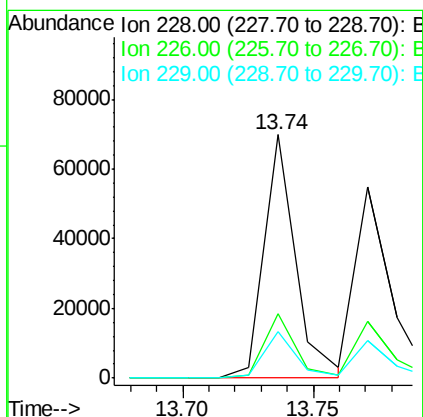
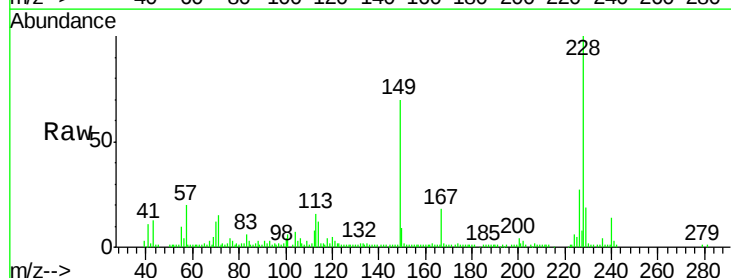
Instrument :
BNA_F
ClientSampled :

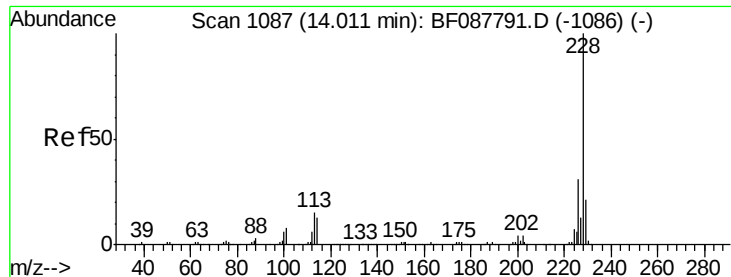
Tot Ion:149 Resp: 29891
Ion Ratio Lower Upper
149 100
91 70.4 48.0 72.0
206 17.5 16.0 24.0



#80
Benzo(a)anthracene
Concen: 22.06 ng
RT: 13.74 min Scan# 1063
Delta R.T. 0.00 min
Lab File: BF088289.D
Acq: 23 Jun 2016 11:49

Tgt Ion:228 Resp: 59220
Ion Ratio Lower Upper
228 100
226 26.7 22.3 33.5
229 19.2 16.0 24.0

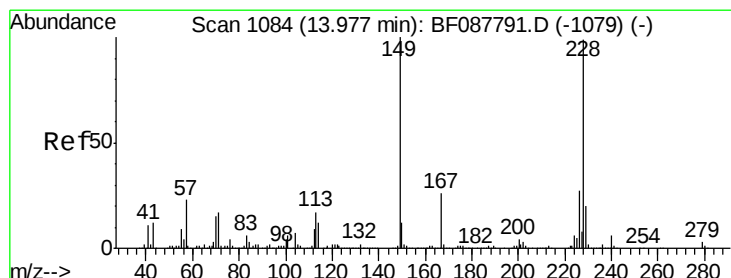
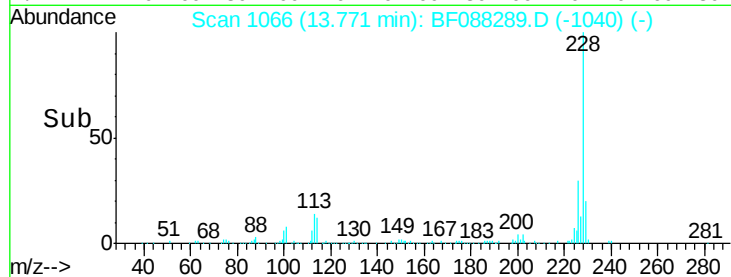
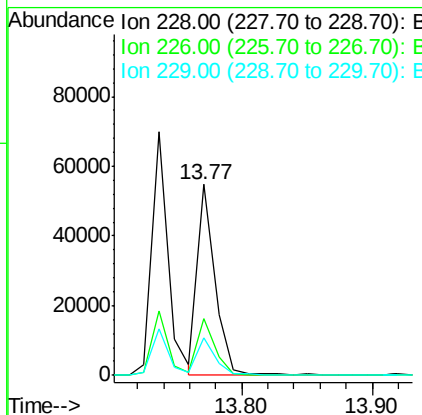
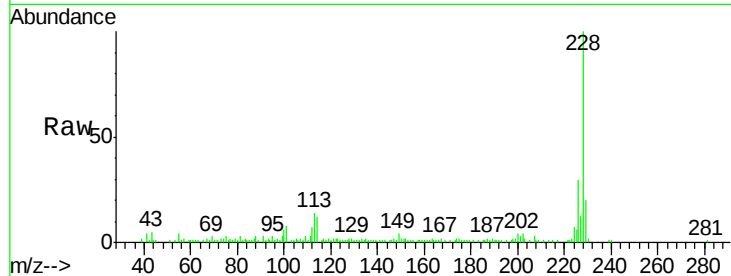




#82
 Chrysene
 Concen: 20.46 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: BF088289.D
 Acq: 23 Jun 2016 11:49

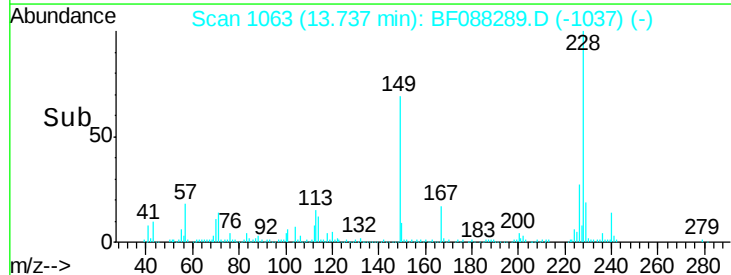
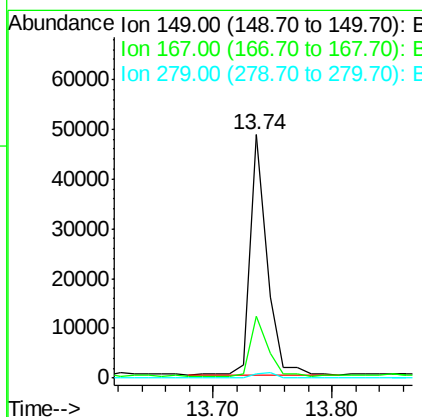
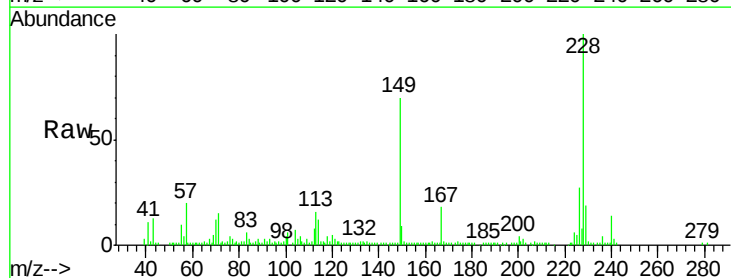
Instrument :
 BNA_F
 ClientSampled :

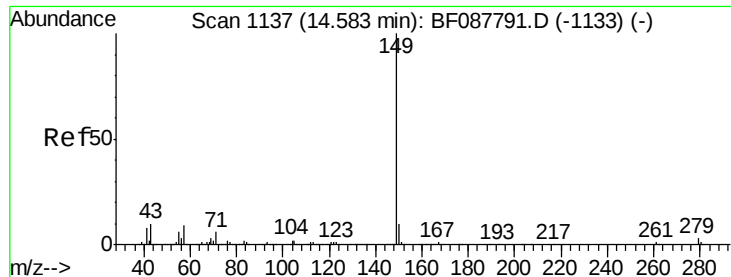
Tot Ion:228 Resp: 51678
 Ion Ratio Lower Upper
 228 100
 226 29.8 25.4 38.2
 229 19.8 16.3 24.5



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 25.25 ng
 RT: 13.74 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: BF088289.D
 Acq: 23 Jun 2016 11:49

Tgt Ion:149 Resp: 47511
 Ion Ratio Lower Upper
 149 100
 167 25.3 20.5 30.7
 279 2.0 2.0 3.0#

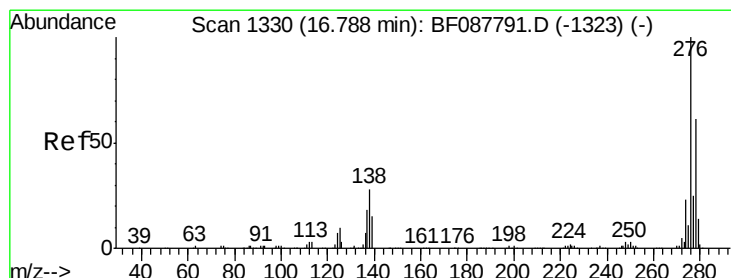
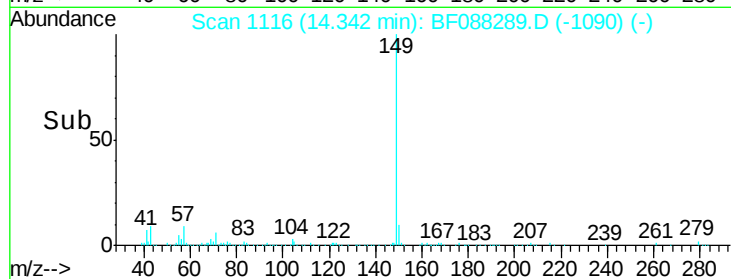
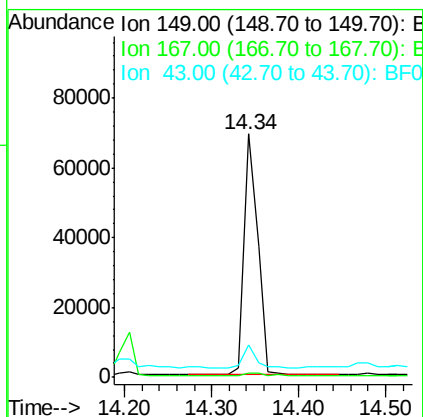
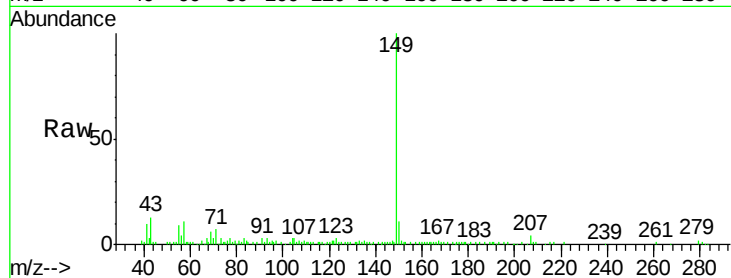




#84
Di-n-octyl phthalate
Concen: 24.56 ng
RT: 14.34 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BF088289.D
Acq: 23 Jun 2016 11:49

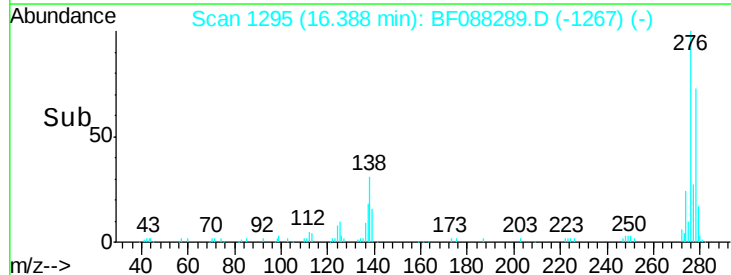
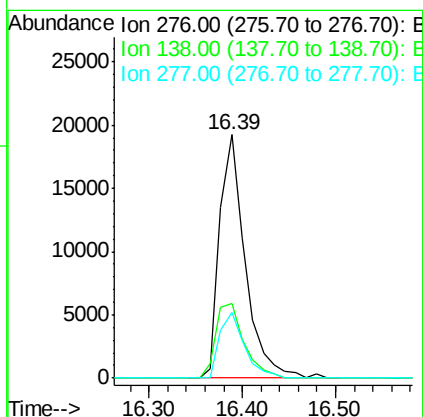
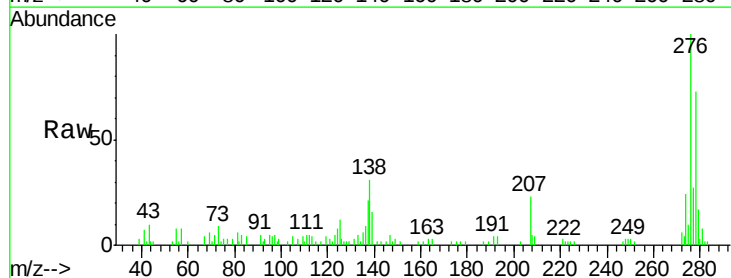
Instrument :
BNA_F
ClientSampleId :

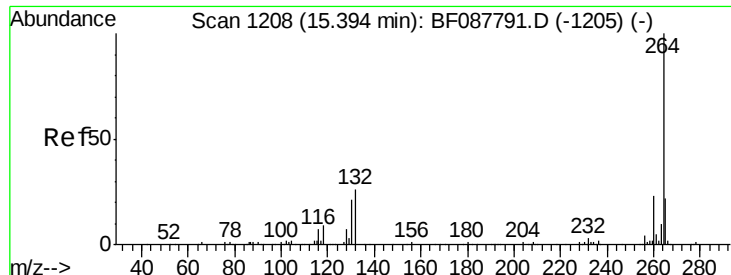
Tot Ion	Ratio	Lower	Upper
149	100		
167	2.5	0.0	0.0#
43	8.7	0.0	0.0#



#85
Indeno(1,2,3-cd)pyrene
Concen: 15.59 ng
RT: 16.39 min Scan# 1295
Delta R.T. 0.02 min
Lab File: BF088289.D
Acq: 23 Jun 2016 11:49

Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.0	0.0	0.0#
277	26.0	0.0	0.0#

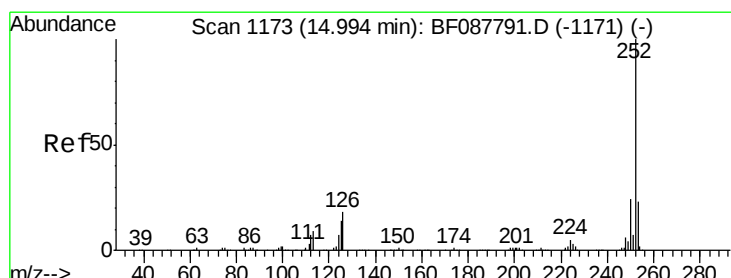
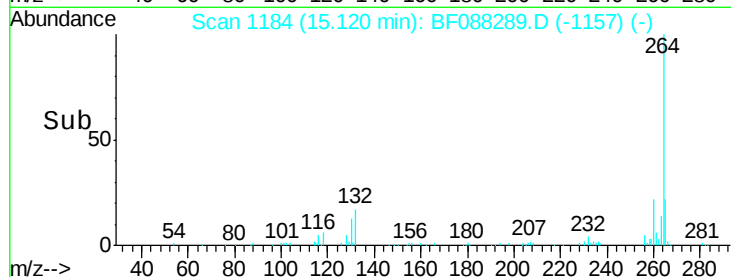
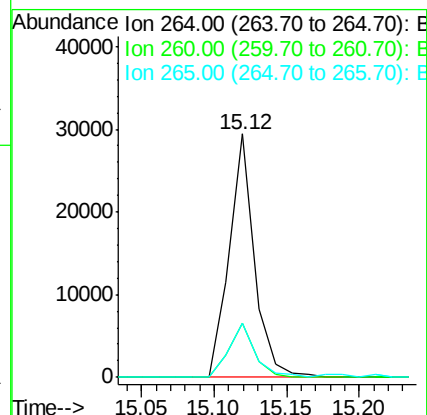
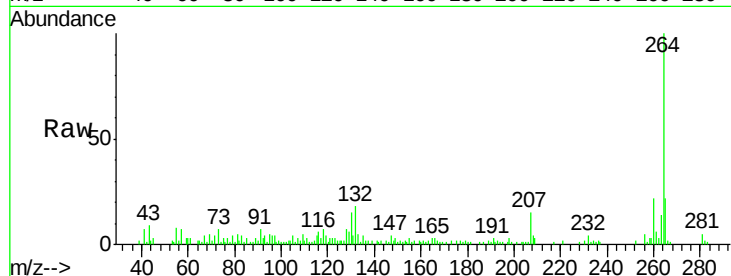




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.12 min Scan# 1184
Delta R.T. 0.01 min
Lab File: BF088289.D
Acq: 23 Jun 2016 11:49

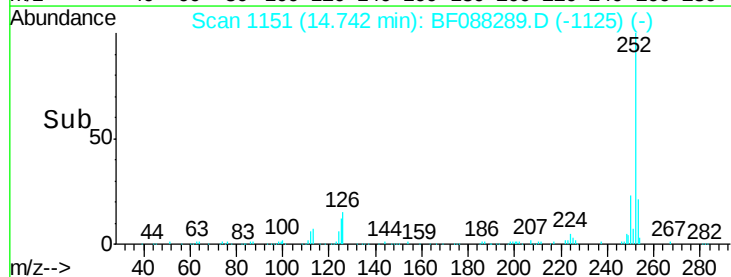
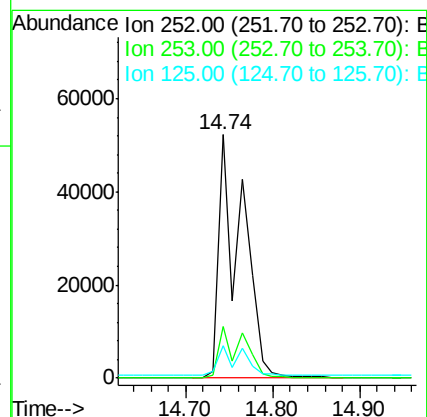
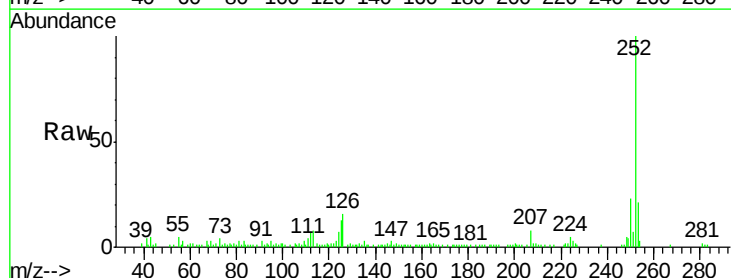
Instrument :
BNA_F
ClientSampleId :

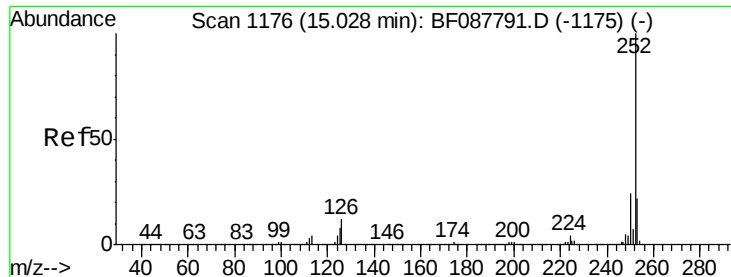
Tot Ion:264 Resp: 35367
Ion Ratio Lower Upper
264 100
260 22.4 19.2 28.8
265 22.3 16.9 25.3



#87
Benzo(b)fluoranthene
Concen: 39.53 ng
RT: 14.74 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF088289.D
Acq: 23 Jun 2016 11:49

Tgt Ion:252 Resp: 97447
Ion Ratio Lower Upper
252 100
253 21.3 17.4 26.2
125 13.1 7.1 10.7#

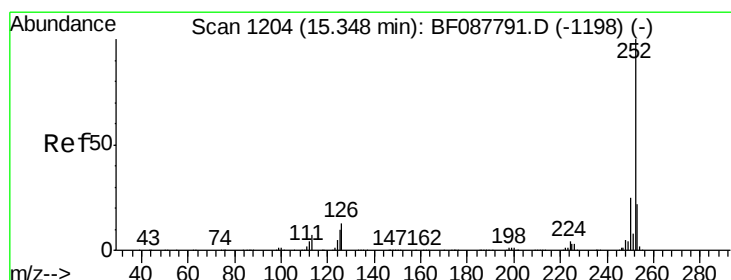
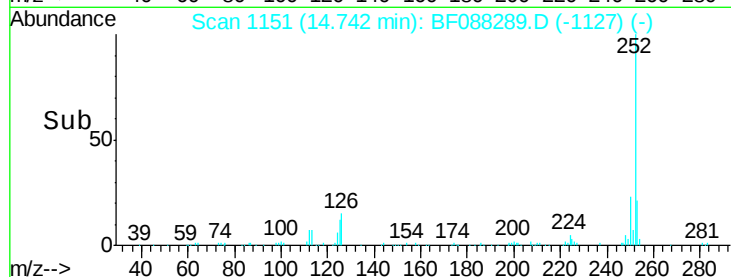
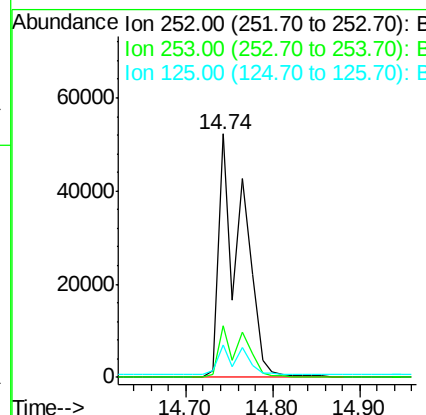
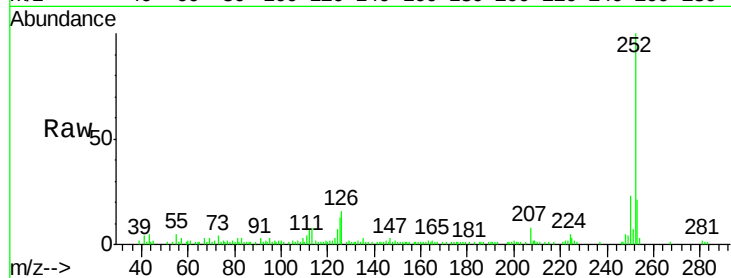




#88
Benzo(k)fluoranthene
Concen: 52.41 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.02 min
Lab File: BF088289.D
Acq: 23 Jun 2016 11:49

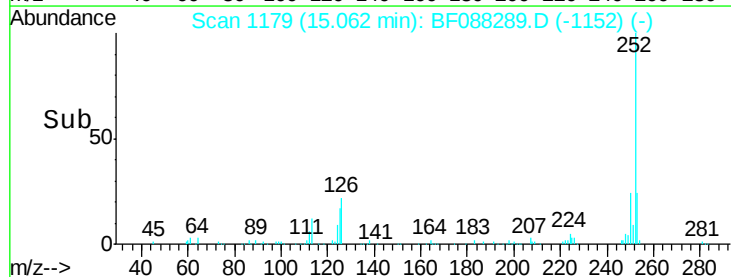
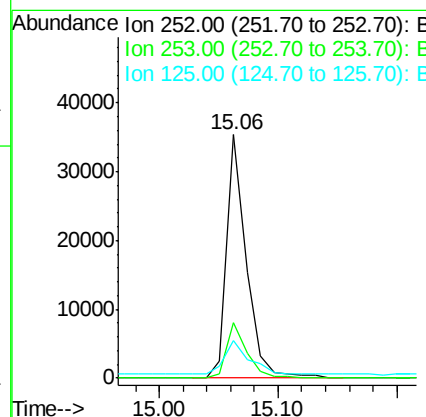
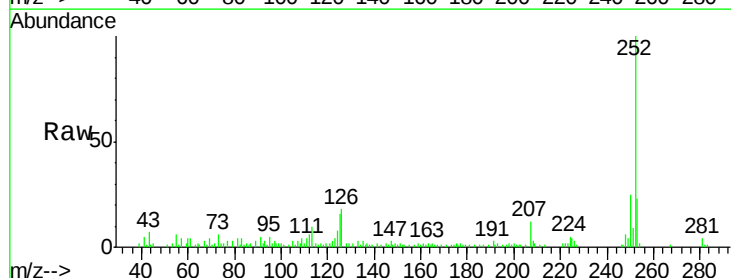
Instrument :
BNA_F
ClientSampleId :

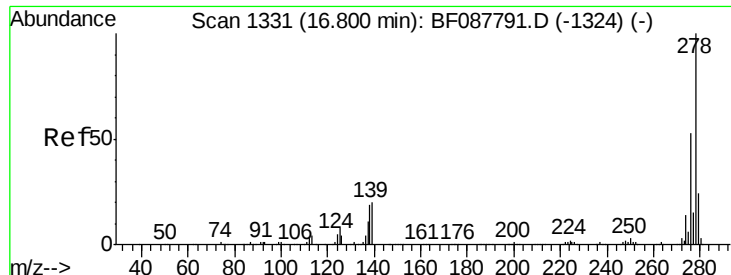
Tot Ion:252 Resp: 97447
Ion Ratio Lower Upper
252 100
253 21.3 18.0 27.0
125 13.1 11.2 16.8



#89
Benzo(a)pyrene
Concen: 20.15 ng
RT: 15.06 min Scan# 1179
Delta R.T. 0.01 min
Lab File: BF088289.D
Acq: 23 Jun 2016 11:49

Tgt Ion:252 Resp: 40178
Ion Ratio Lower Upper
252 100
253 22.9 17.9 26.9
125 15.6 12.5 18.7





#90

Dibenzo(a,h)anthracene

Concen: 16.73 ng

RT: 16.39 min Scan# 1295

Delta R.T. 0.02 min

Lab File: BF088289.D

Acq: 23 Jun 2016 11:49

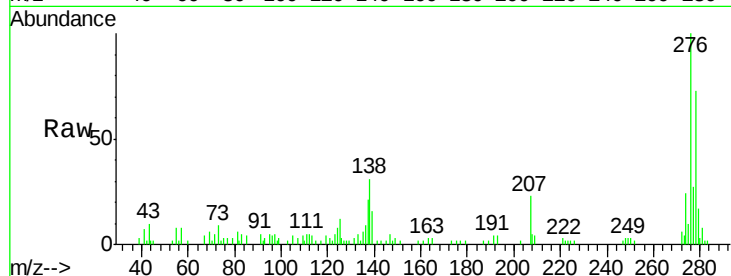
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 30981

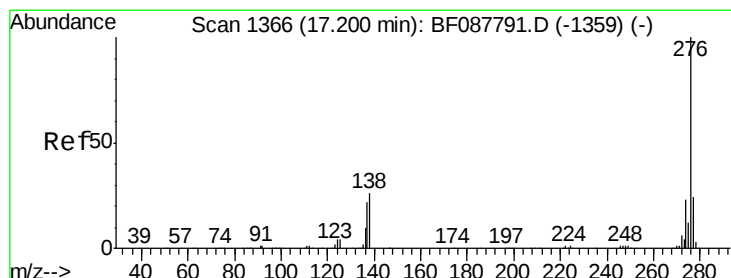
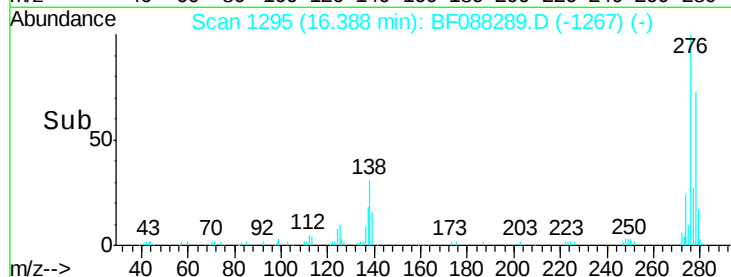
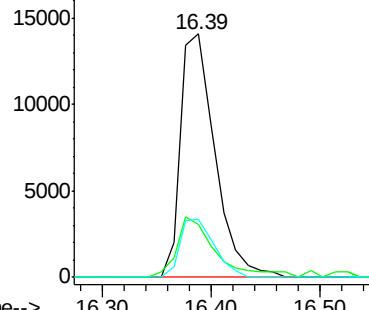
Ion	Ratio	Lower	Upper
278	100		
139	21.7	15.7	23.5
279	23.7	19.4	29.2



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: 15.18 ng

RT: 16.77 min Scan# 1328

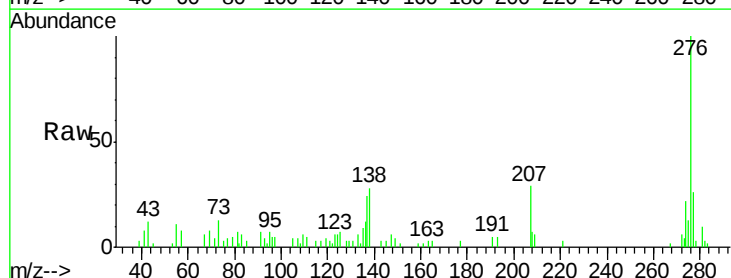
Delta R.T. 0.02 min

Lab File: BF088289.D

Acq: 23 Jun 2016 11:49

Tgt Ion:276 Resp: 28919

Ion	Ratio	Lower	Upper
276	100		
277	25.7	18.9	28.3
138	27.6	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

