

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
 Data File : BF088288.D
 Acq On : 23 Jun 2016 11:19
 Operator : UM/SJ
 Sample : H3084-07MS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 23 13:53:15 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	21261	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	83383	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	35659	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	56189	20.00	ng	0.00
75) Chrysene-d12	13.75	240	49674	20.00	ng	0.00
86) Perylene-d12	15.12	264	36588	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.21	112	13981	11.24	ng	0.03
7) Phenol-d6	6.28	99	13285	8.81	ng	0.02
23) Nitrobenzene-d5	7.18	82	23155	16.22	ng	0.00
41) 2,4,6-Tribromophenol	10.43	330	11199	29.74	ng	0.00
44) 2-Fluorobiphenyl	8.98	172	30362	8.38	ng	0.01
78) Terphenyl-d14	12.70	244	44468	20.37	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.02	88	165372	273.66	ng	# 43
4) n-Nitrosodimethylamine	2.72	42	1634	2.70	ng	# 92
6) Aniline	6.26	93	64826	30.22	ng	100
8) 2-Chlorophenol	6.40	128	20082	13.64	ng	90
9) Benzaldehyde	6.15	77	16851	13.91	ng	# 85
10) Phenol	6.30	94	13470	6.53	ng	# 70
11) bis(2-Chloroethyl)ether	6.34	93	122456	92.66	ng	85
12) 1,3-Dichlorobenzene	6.54	146	24665	15.62	ng	97
13) 1,4-Dichlorobenzene	6.62	146	52797	33.18	ng	97
14) 1,2-Dichlorobenzene	6.78	146	36252	25.05	ng	97
15) Benzyl Alcohol	6.76	79	13888	11.78	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.89	45	24911	13.95	ng	56
17) 2-Methylphenol	6.90	107	12926	10.83	ng	# 92
18) Hexachloroethane	7.11	117	4532	8.03	ng	# 83
19) n-Nitroso-di-n-propylamine	7.03	70	17260	17.90	ng	# 83
20) 3+4-Methylphenols	7.06	107	18781	13.48	ng	# 76
22) Acetophenone	7.03	105	34125	18.31	ng	# 94
24) Nitrobenzene	7.20	77	25432	18.39	ng	100
25) Isophorone	7.44	82	46901	17.73	ng	# 95
27) 2,4-Dimethylphenol	7.58	122	21837	16.01	ng	99
28) bis(2-Chloroethoxy)methane	7.66	93	31432	19.16	ng	97
29) 2,4-Dichlorophenol	7.78	162	19001	16.68	ng	94
30) 1,2,4-Trichlorobenzene	7.84	180	18946	15.28	ng	98
31) Naphthalene	7.91	128	76092	18.44	ng	98
32) Benzoic acid	7.71	122	2825	3.76	ng	99
33) 4-Chloroaniline	7.98	127	110722	60.09	ng	96
34) Hexachlorobutadiene	8.03	225	10567	16.16	ng	99
35) Caprolactam	8.38	113	3615	9.58	ng	# 69
36) 4-Chloro-3-methylphenol	8.49	107	35177	28.88	ng	# 76
37) 2-Methylnaphthalene	8.60	142	54750	20.13	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	18682	16.28	ng	# 1
42) 2,4,6-Trichlorophenol	8.92	196	14408	20.20	ng	98
43) 2,4,5-Trichlorophenol	8.97	196	7803	10.52	ng	98
45) 1,1'-Biphenyl	9.07	154	68622	22.54	ng	94

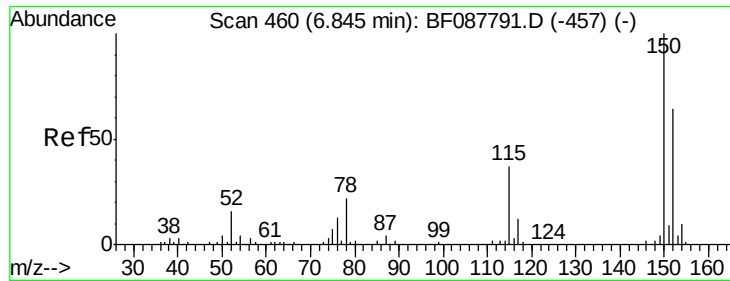
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2-Chloronaphthalene	9.10	162	52191	22.62	nq	94
47) 2-Nitroaniline	9.20	65	16618	24.41	nq	100
48) Acenaphthylene	9.50	152	72162	19.66	nq	99
49) Dimethylphthalate	9.37	163	89185	34.53	nq	# 99
50) 2,6-Dinitrotoluene	9.44	165	12529	21.18	nq	# 83
51) Acenaphthene	9.67	154	62914	27.48	nq	98
52) 3-Nitroaniline	9.61	138	12972	19.00	nq	# 95
53) 2,4-Dinitrophenol	9.76	184	221	3.94	nq	# 43
54) Dibenzofuran	9.84	168	65278	20.70	nq	# 86
55) 4-Nitrophenol	9.84	139	32630	61.59	nq	# 11
56) 2,4-Dinitrotoluene	9.85	165	15053	19.80	nq	# 81
57) Fluorene	10.18	166	66732	29.67	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.98	232	9749	16.72	nq	# 48
59) Diethylphthalate	10.07	149	61947	23.69	nq	96
60) 4-Chlorophenyl-phenylether	10.18	204	25530	24.35	nq	95
61) 4-Nitroaniline	10.23	138	10008	15.46	nq	97
62) Azobenzene	10.34	77	50116	19.38	nq	95
64) 4,6-Dinitro-2-methylphenol	10.50	198	88881	244.12	nq	# 24
65) n-Nitrosodiphenylamine	10.31	169	50683	27.18	nq	99
66) 4-Bromophenyl-phenylether	10.66	248	13112	21.75	nq	# 65
67) Hexachlorobenzene	10.73	284	13756	21.96	nq	# 85
68) Atrazine	10.84	200	6229	11.03	nq	91
69) Pentachlorophenol	10.94	266	8921	27.02	nq	95
70) Phenanthrene	11.14	178	69592	23.60	nq	98
71) Anthracene	11.19	178	71801	24.14	nq	99
72) Carbazole	11.36	167	68038	24.45	nq	99
73) Di-n-butylphthalate	11.69	149	93177	26.45	nq	98
74) Fluoranthene	12.32	202	68240	21.93	nq	94
77) Pvrene	12.55	202	73987	20.07	nq	97
79) Butylbenzylphthalate	13.18	149	34210	20.99	nq	94
80) Benzo(a)anthracene	13.74	228	61929	21.88	nq	99
82) Chrysene	13.77	228	57466	21.58	nq	95
83) Bis(2-ethylhexyl)phthalate	13.74	149	48460	24.43	nq	100
84) Di-n-octyl phthalate	14.34	149	78347	24.30	nq	# 100
85) Indeno(1,2,3-cd)pvrene	16.39	276	39239	15.86	nq	# 100
87) Benzo(b)fluoranthene	14.74	252	100734	39.50	nq	# 96
88) Benzo(k)fluoranthene	14.74	252	100734	52.36	nq	98
89) Benzo(a)pyrene	15.06	252	43004	20.84	nq	98
90) Dibenzo(a,h)anthracene	16.38	278	32981	17.21	nq	# 94
91) Benzo(g,h,i)perylene	16.77	276	31642	16.05	nq	97

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

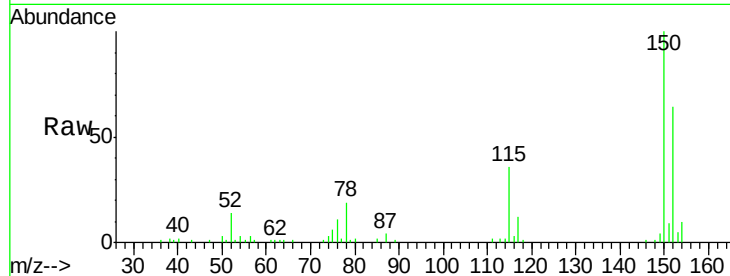


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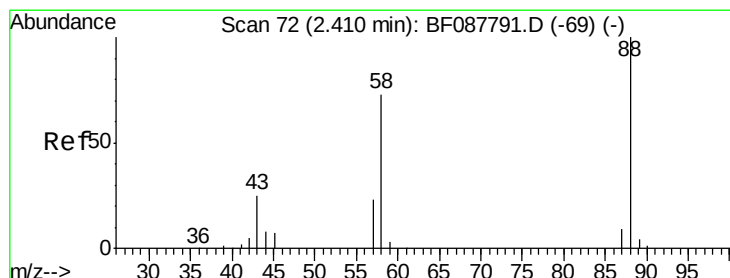
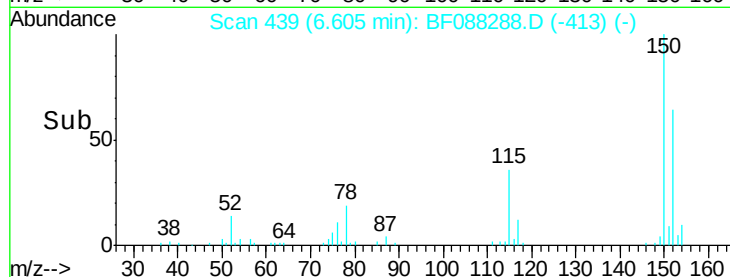
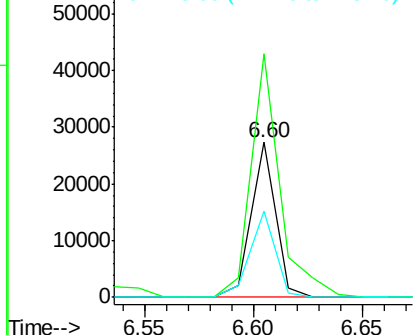
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF088288.D
Acq: 23 Jun 2016 11:19

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	123.8	185.6
115	55.9	39.6	59.4



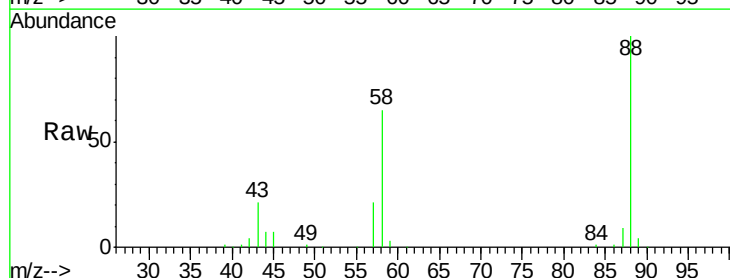
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



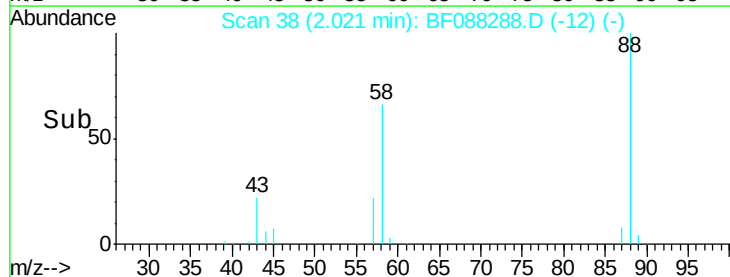
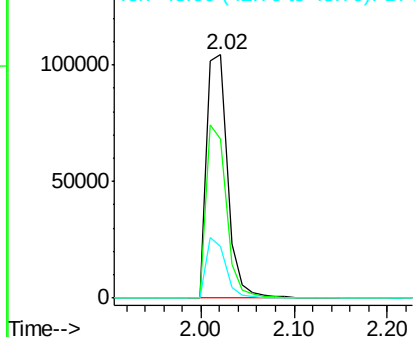
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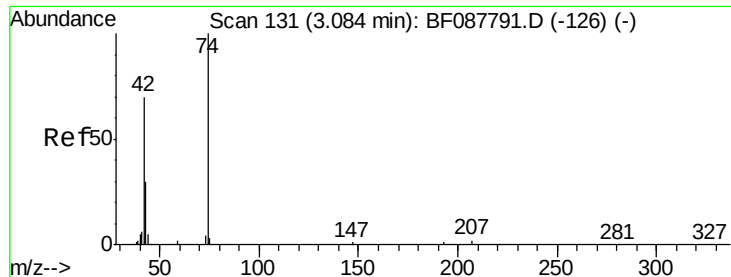
1,4-Dioxane
Concen: 273.66 ng
RT: 2.02 min Scan# 38
Delta R.T. 0.00 min
Lab File: BF088288.D
Acq: 23 Jun 2016 11:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.0	0.0	0.0#
43	23.0	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





#4

n-Nitrosodimethylamine

Concen: 2.70 ng

RT: 2.72 min Scan# 99

Delta R.T. 0.09 min

Lab File: BF088288.D

Acq: 23 Jun 2016 11:19

Instrument :

BNA_F

ClientSampled :

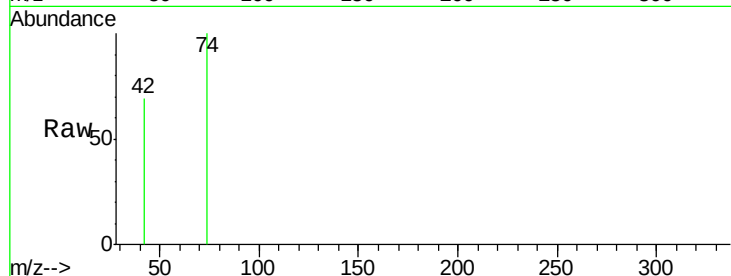
Tot Ion: 42 Resp: 1634

Ion Ratio Lower Upper

42 100

74 145.2 108.6 163.0

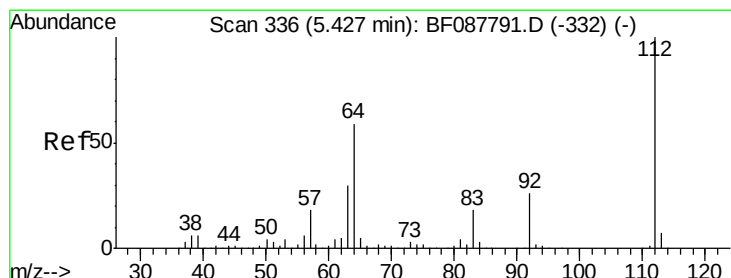
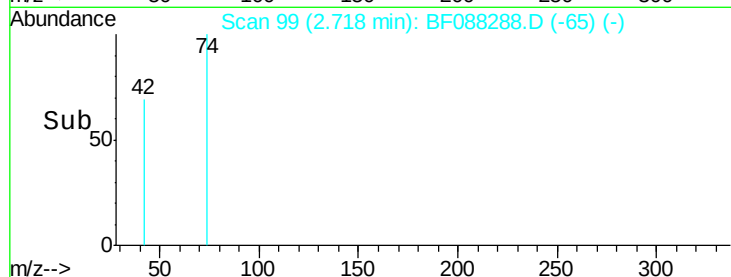
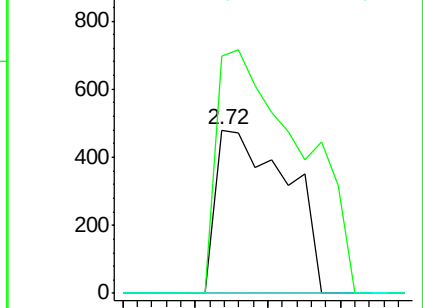
44 0.0 5.5 8.3#



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: 11.24 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.03 min

Lab File: BF088288.D

Acq: 23 Jun 2016 11:19

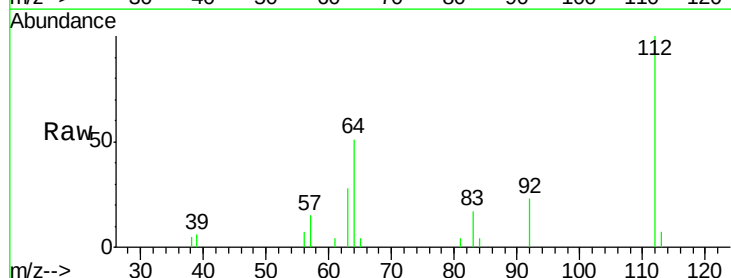
Tgt Ion: 112 Resp: 13981

Ion Ratio Lower Upper

112 100

64 50.7 42.2 63.2

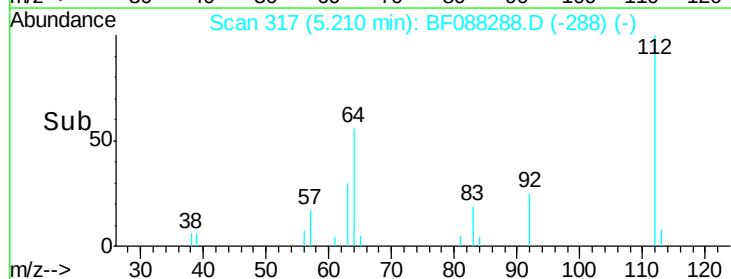
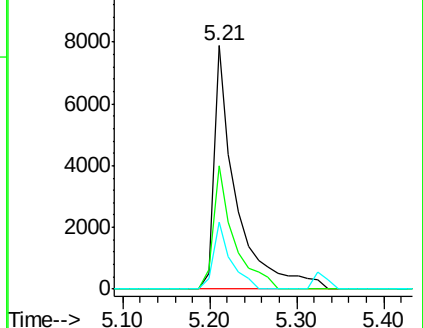
63 27.6 21.8 32.8

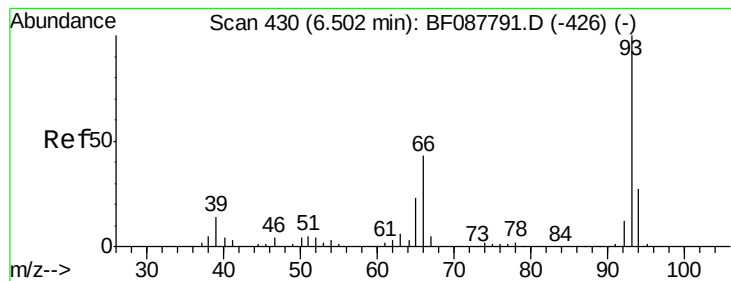


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 30.22 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF088288.D

Acq: 23 Jun 2016 11:19

Instrument :

BNA_F

ClientSampleId :

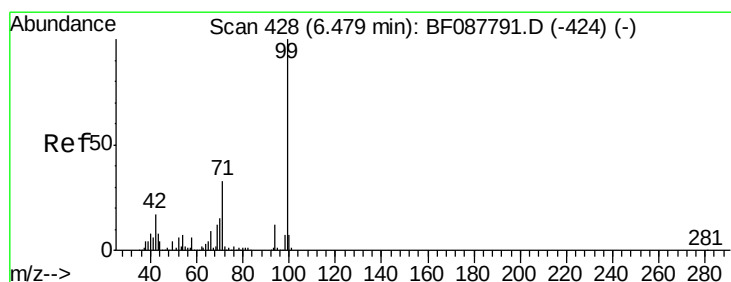
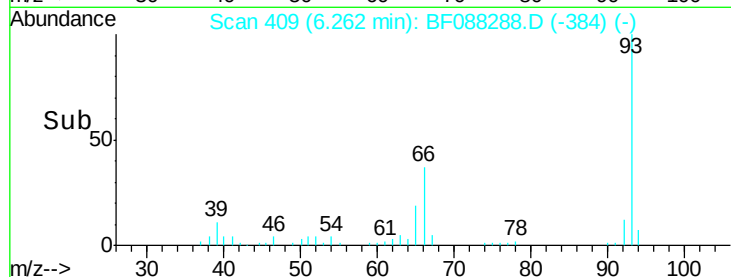
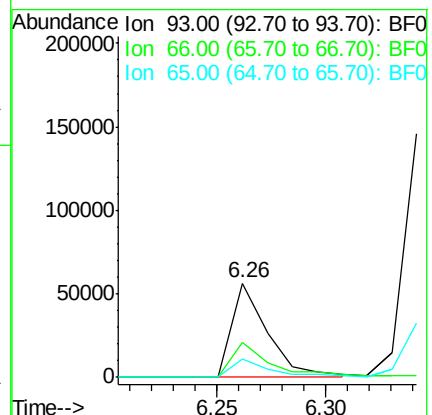
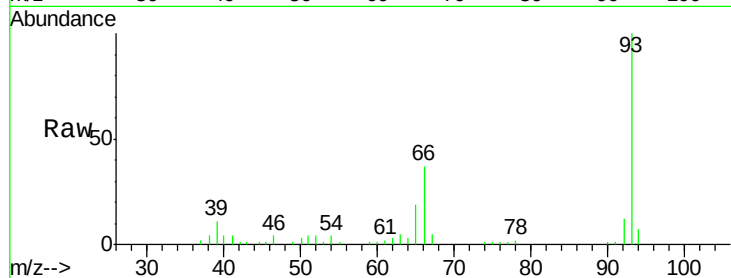
Tot Ion: 93 Resp: 64826

Ion Ratio Lower Upper

93 100

66 37.4 29.8 44.8

65 19.0 14.9 22.3



#7

Phenol-d6

Concen: 8.81 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.02 min

Lab File: BF088288.D

Acq: 23 Jun 2016 11:19

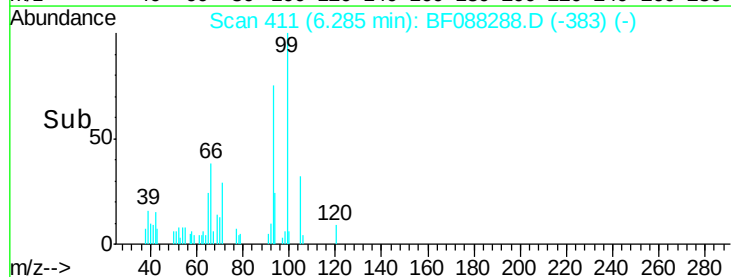
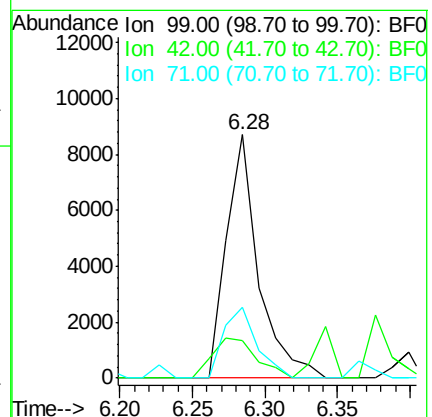
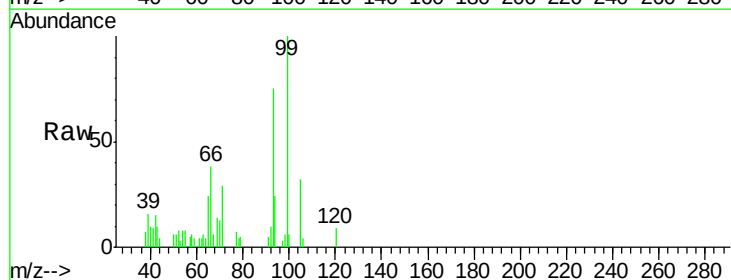
Tgt Ion: 99 Resp: 13285

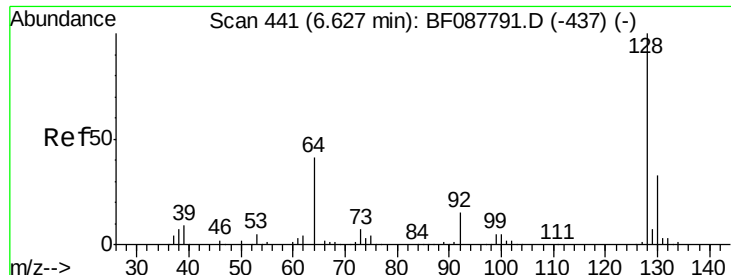
Ion Ratio Lower Upper

99 100

42 15.3 12.2 18.2

71 29.0 23.4 35.0

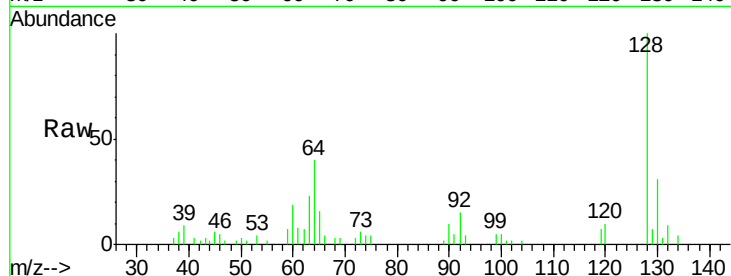




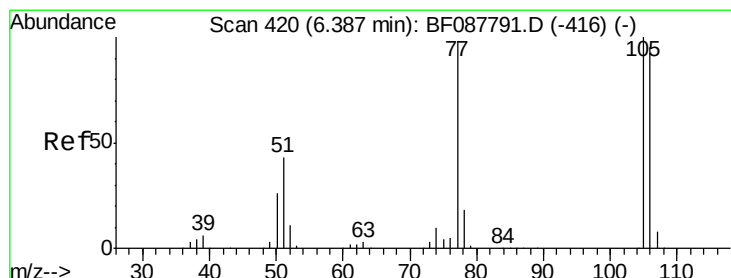
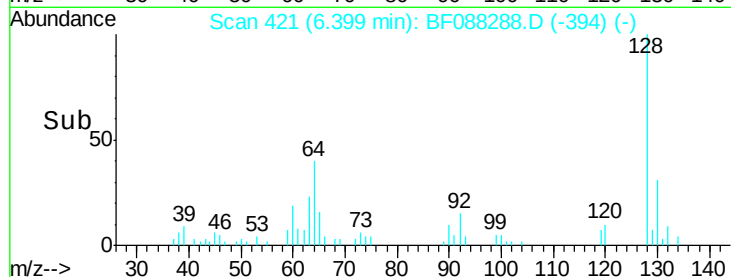
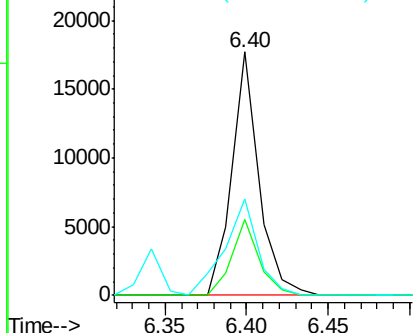
#8
2-Chlorophenol
Concen: 13.64 ng
RT: 6.40 min Scan# 421
Delta R.T. 0.01 min
Lab File: BF088288.D
Acq: 23 Jun 2016 11:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 20082
Ion Ratio Lower Upper
128 100
130 31.4 12.0 52.0
64 39.7 30.8 70.8

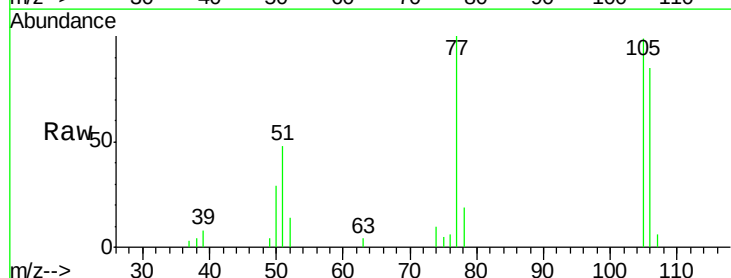


Abundance Ion 128.00 (127.70 to 128.70): B
Ion 130.00 (129.70 to 130.70): B
Ion 64.00 (63.70 to 64.70): B

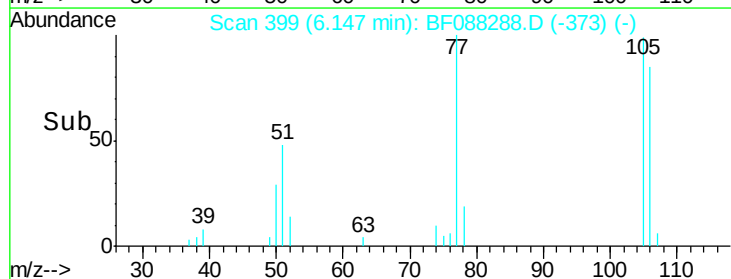
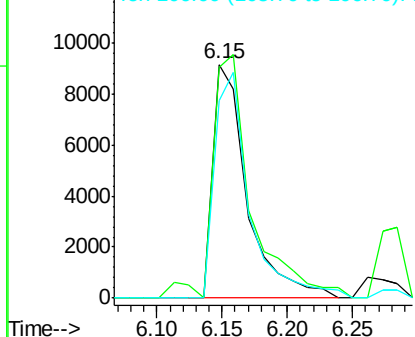


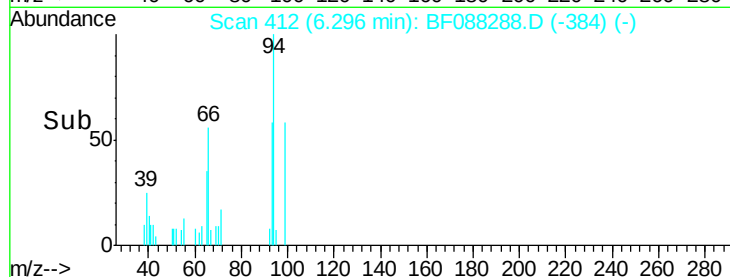
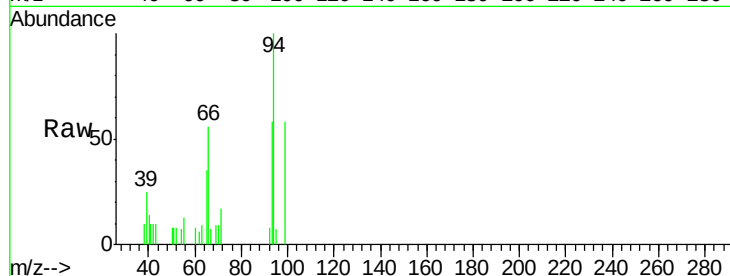
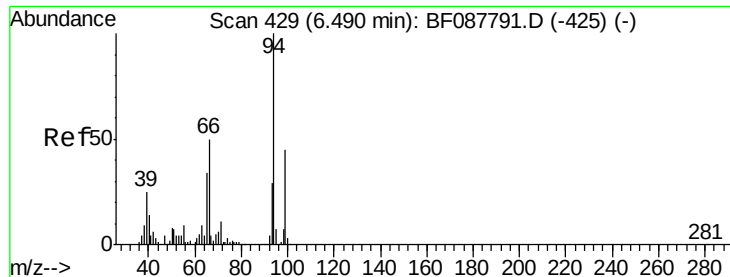
#9
Benzaldehyde
Concen: 13.91 ng
RT: 6.15 min Scan# 399
Delta R.T. 0.00 min
Lab File: BF088288.D
Acq: 23 Jun 2016 11:19

Tgt Ion: 77 Resp: 16851
Ion Ratio Lower Upper
77 100
105 98.9 90.6 130.6
106 84.5 85.3 125.3#



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): B
Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 6.53 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.02 min

Lab File: BF088288.D

Acq: 23 Jun 2016 11:19

Instrument :

BNA_F

ClientSampleId :

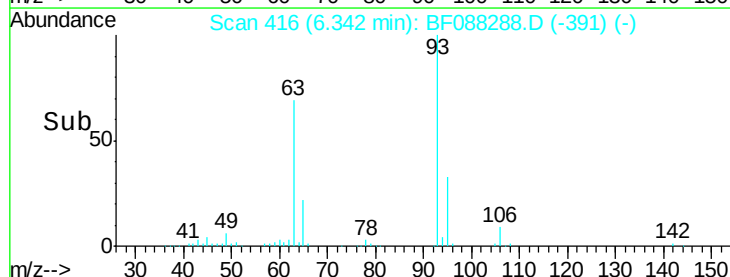
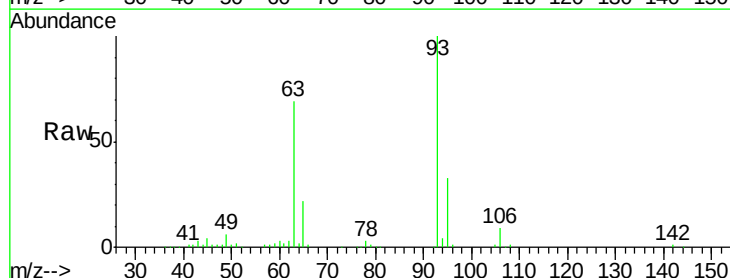
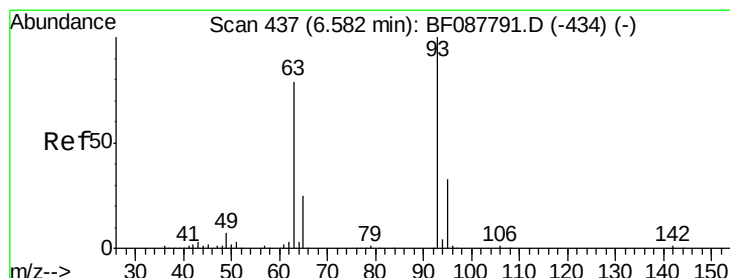
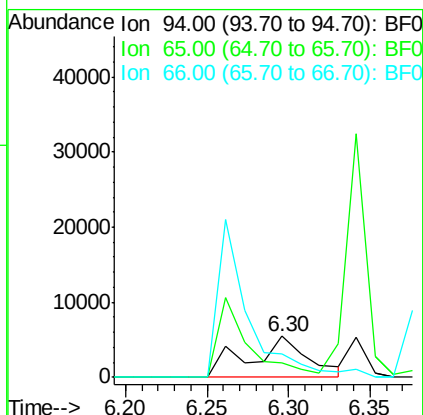
Tot Ion: 94 Resp: 13470

Ion Ratio Lower Upper

94 100

65 35.4 5.9 45.9

66 56.0 14.0 54.0#



#11

bis(2-Chloroethyl)ether

Concen: 92.66 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088288.D

Acq: 23 Jun 2016 11:19

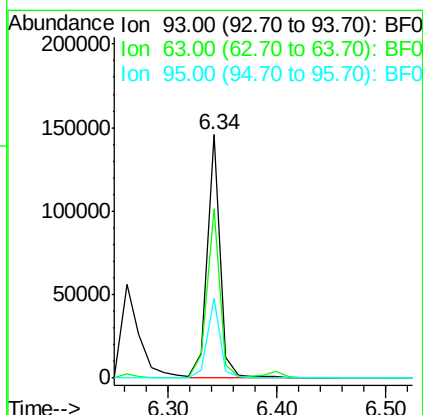
Tgt Ion: 93 Resp: 122456

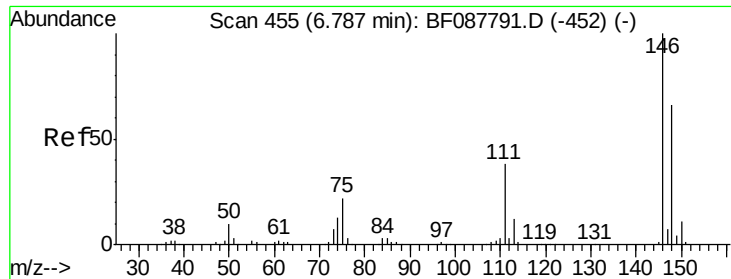
Ion Ratio Lower Upper

93 100

63 69.3 67.6 107.6

95 32.9 12.5 52.5

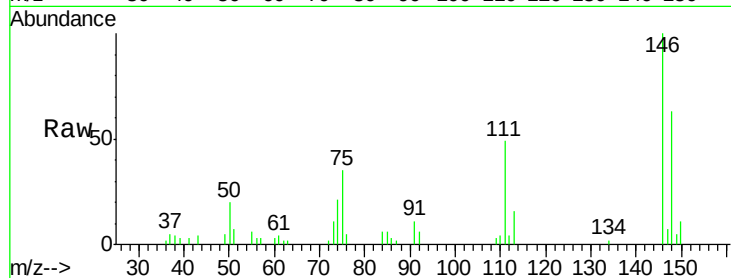




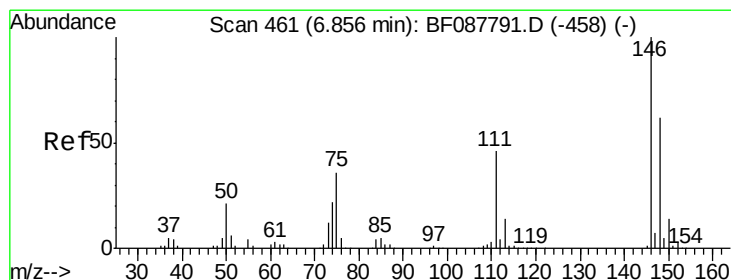
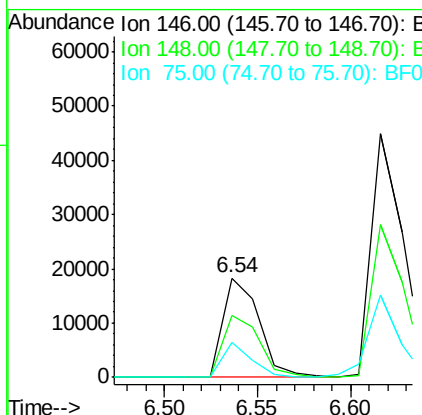
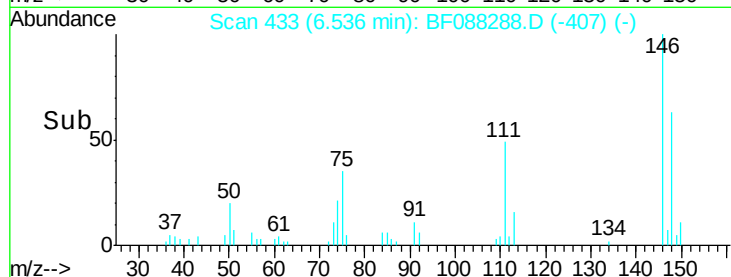
#12
 1,3-Dichlorobenzene
 Concen: 15.62 ng
 RT: 6.54 min Scan# 433
 Delta R.T. 0.00 min
 Lab File: BF088288.D
 Acq: 23 Jun 2016 11:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.9	76.3
75	35.4	25.6	38.4

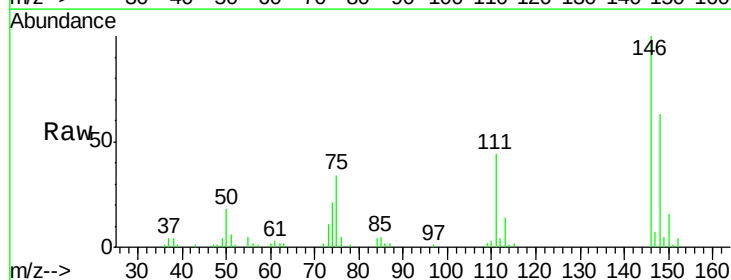


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

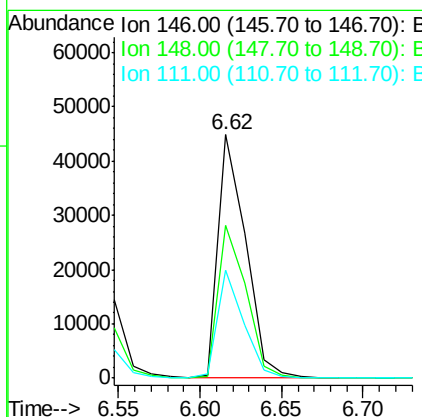
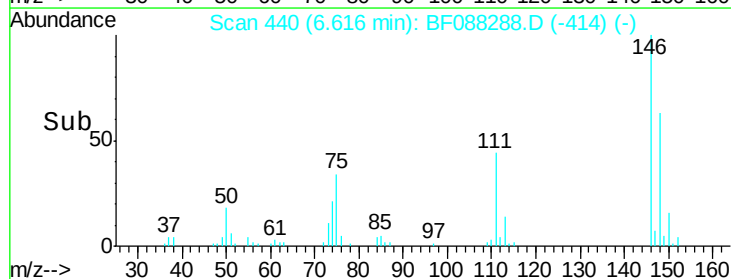


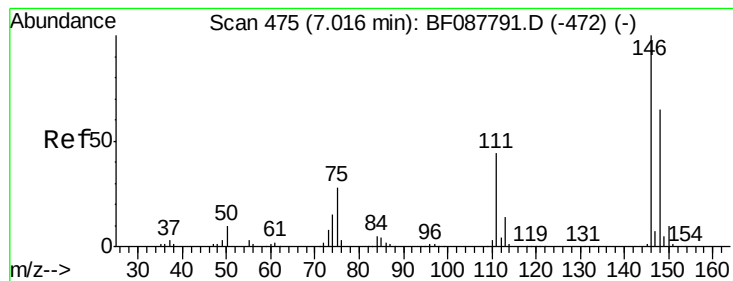
#13
 1,4-Dichlorobenzene
 Concen: 33.18 ng
 RT: 6.62 min Scan# 440
 Delta R.T. 0.00 min
 Lab File: BF088288.D
 Acq: 23 Jun 2016 11:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	52.0	78.0
111	44.2	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: 25.05 ng

RT: 6.78 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF088288.D

Acq: 23 Jun 2016 11:19

Instrument :

BNA_F

ClientSampleId :

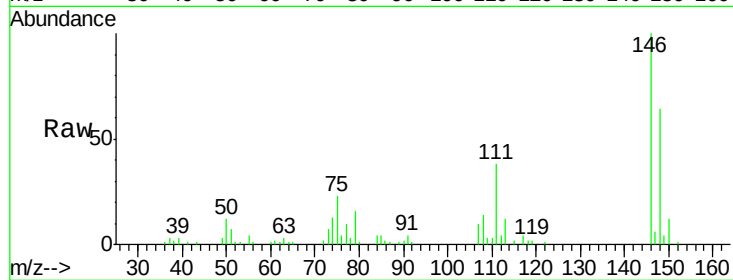
Tot Ion:146 Resp: 36252

Ion Ratio Lower Upper

146 100

148 63.7 52.3 78.5

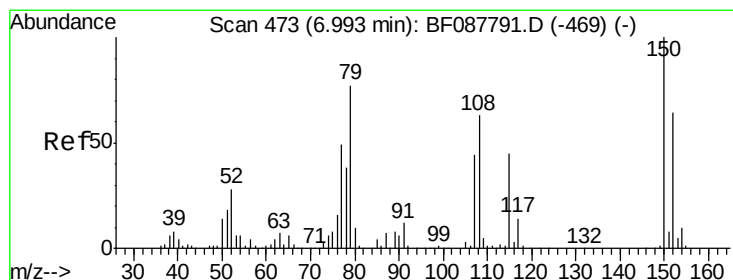
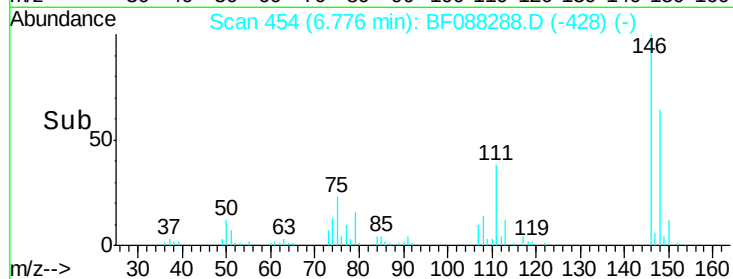
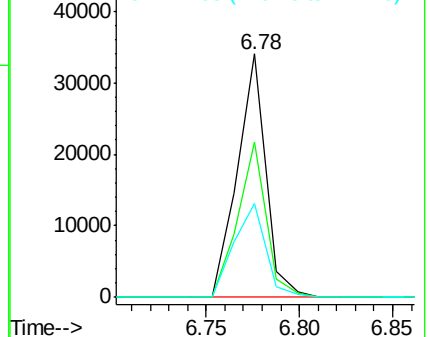
111 38.4 28.7 43.1



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: 11.78 ng

RT: 6.76 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF088288.D

Acq: 23 Jun 2016 11:19

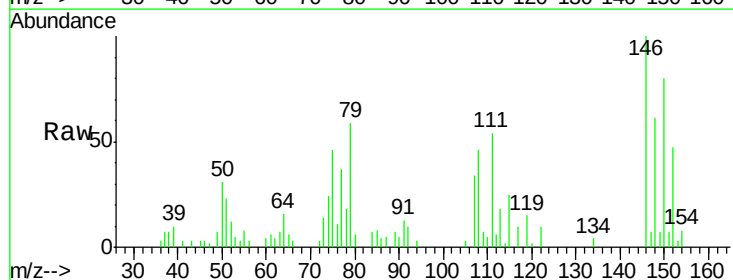
Tgt Ion: 79 Resp: 13888

Ion Ratio Lower Upper

79 100

108 78.6 65.0 97.6

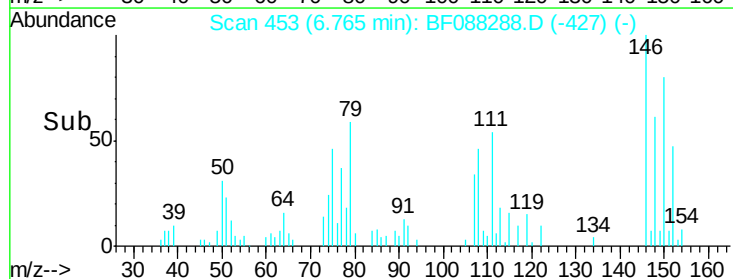
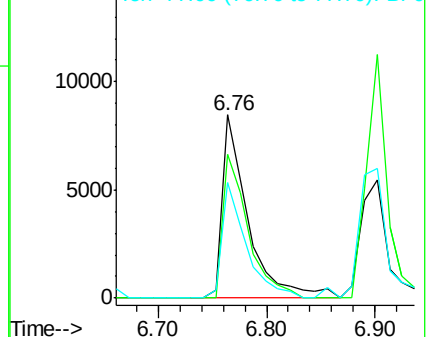
77 63.1 50.3 75.5

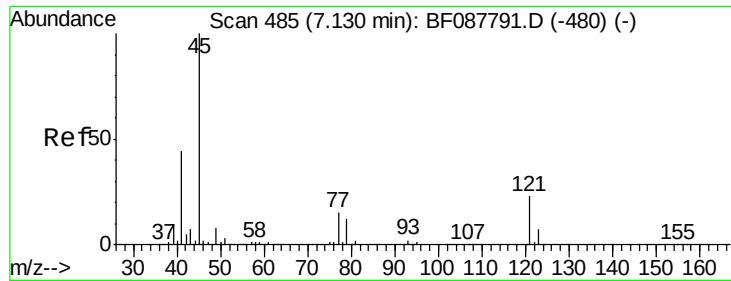


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

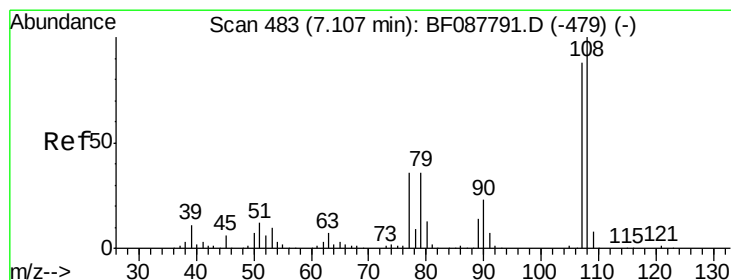
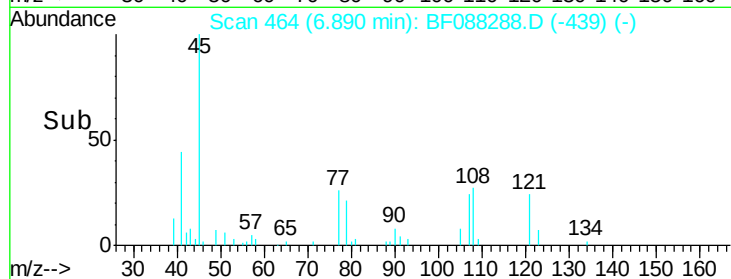
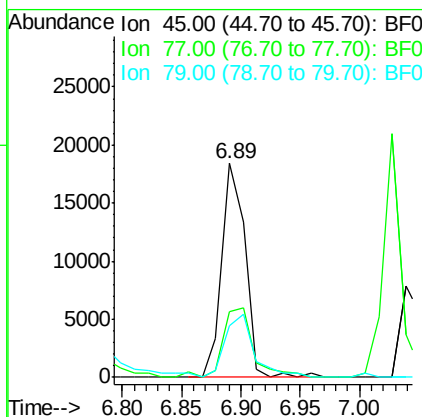
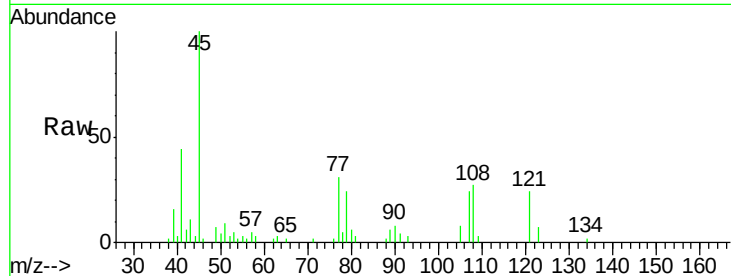




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 13.95 ng
RT: 6.89 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF088288.D
Acq: 23 Jun 2016 11:19

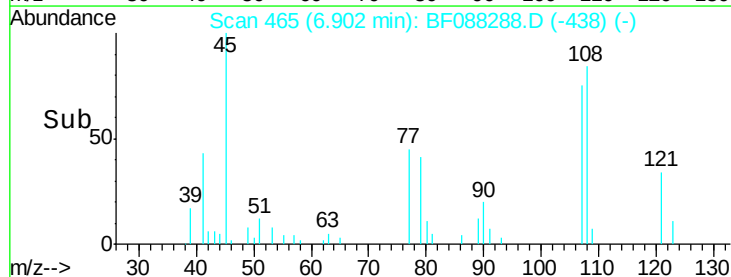
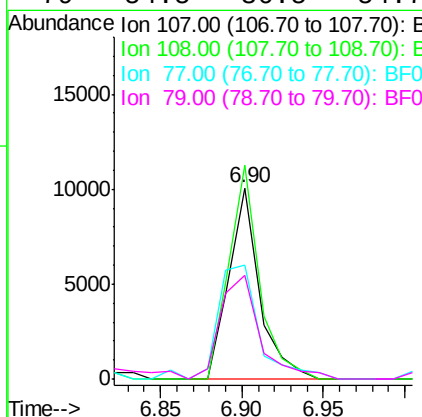
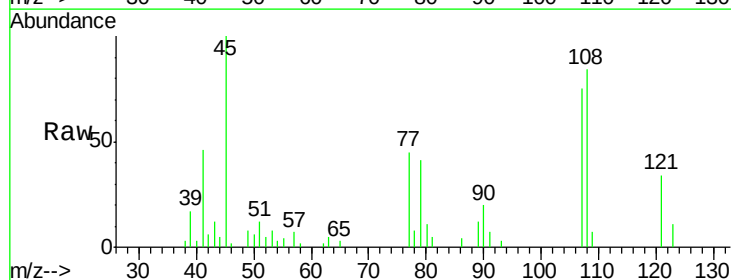
Instrument :
BNA_F
ClientSampleId :

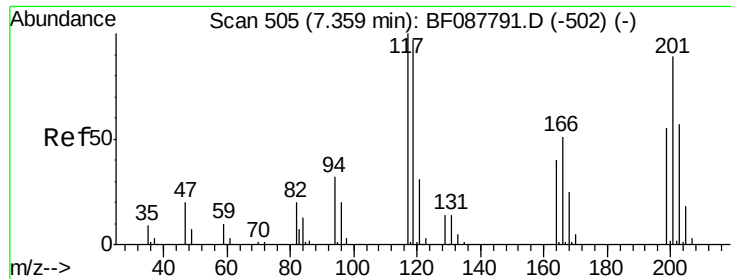
Tot Ion: 45 Resp: 24911
Ion Ratio Lower Upper
45 100
77 31.0 0.0 32.5
79 24.4 0.0 29.5



#17
2-Methylphenol
Concen: 10.83 ng
RT: 6.90 min Scan# 465
Delta R.T. 0.01 min
Lab File: BF088288.D
Acq: 23 Jun 2016 11:19

Tgt Ion: 107 Resp: 12926
Ion Ratio Lower Upper
107 100
108 111.9 90.9 136.3
77 59.4 36.6 55.0#
79 54.5 36.5 54.7

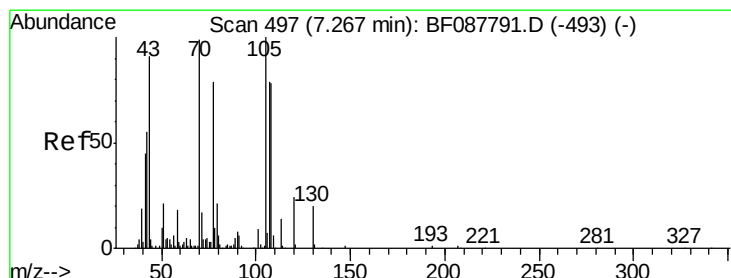
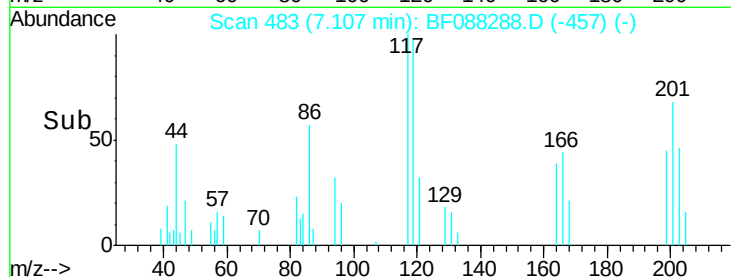
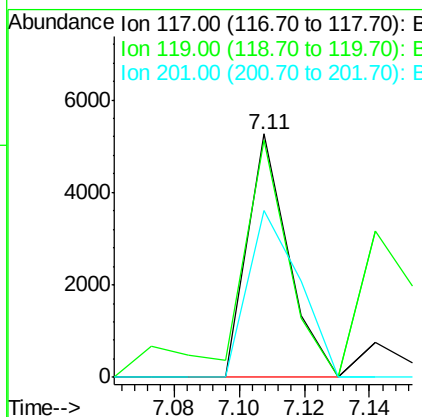
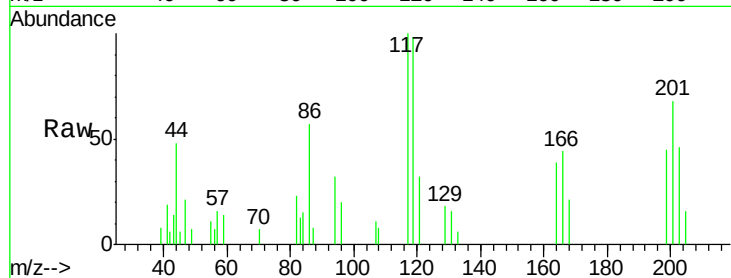




#18
Hexachloroethane
Concen: 8.03 ng
RT: 7.11 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF088288.D
Acq: 23 Jun 2016 11:19

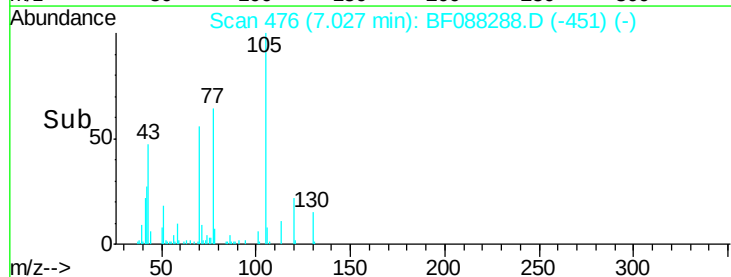
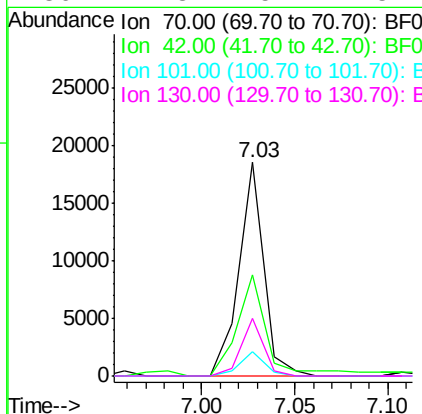
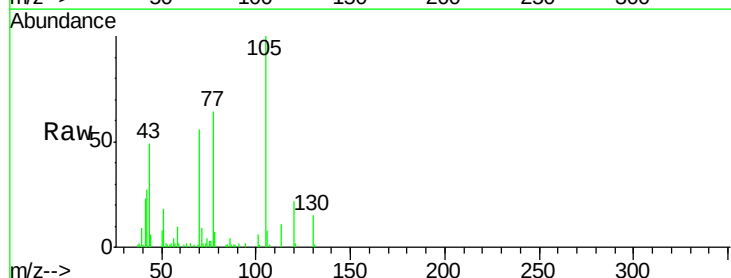
Instrument :
BNA_F
ClientSampleId :

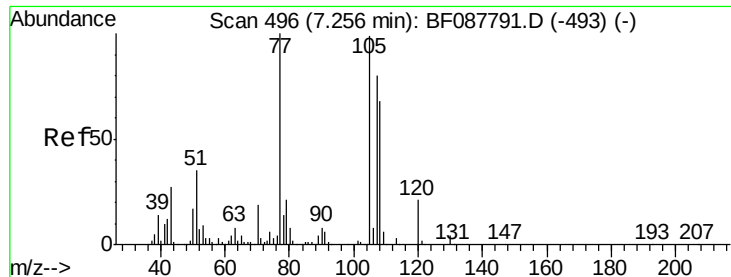
Tot Ion:117 Resp: 4532
Ion Ratio Lower Upper
117 100
119 97.6 77.4 116.2
201 68.5 80.4 120.6#



#19
n-Nitroso-di-n-propylamine
Concen: 17.90 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF088288.D
Acq: 23 Jun 2016 11:19

Tgt Ion: 70 Resp: 17260
Ion Ratio Lower Upper
70 100
42 47.3 49.6 74.4#
101 11.2 7.1 10.7#
130 27.3 15.4 23.2#

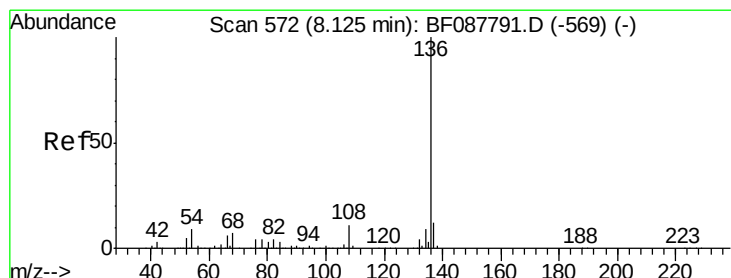
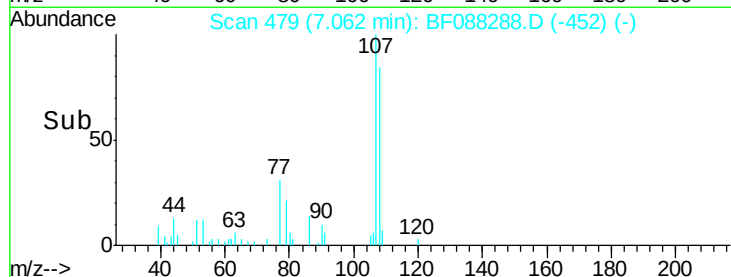
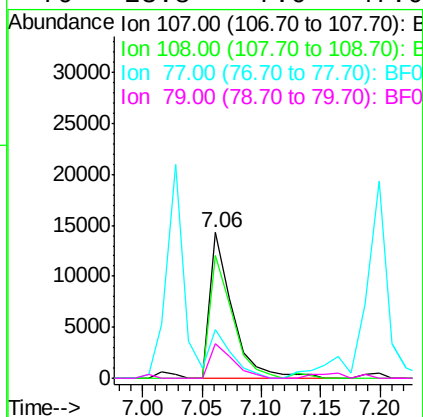
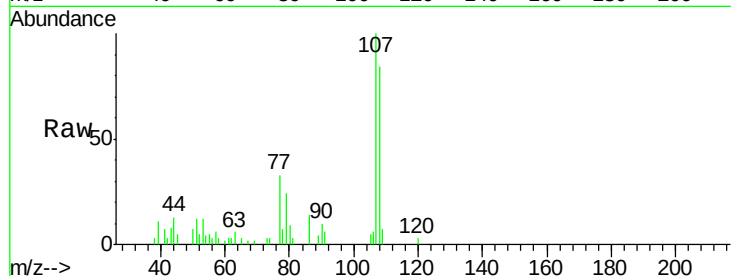




#20
3+4-Methylphenols
Concen: 13.48 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.01 min
Lab File: BF088288.D
Acq: 23 Jun 2016 11:19

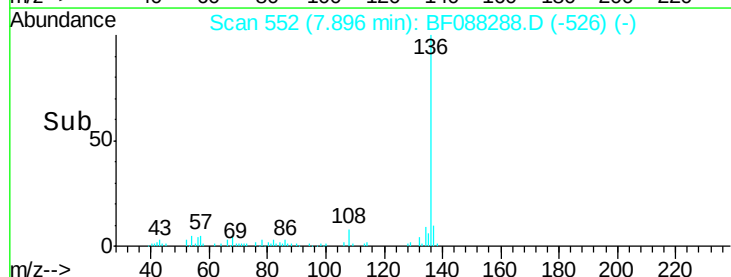
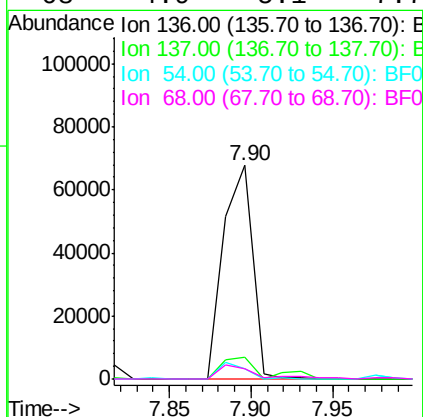
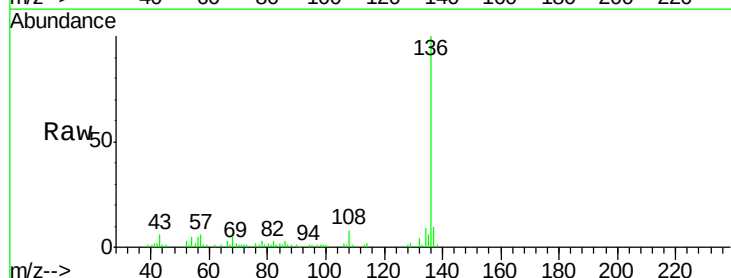
Instrument :
BNA_F
ClientSampleId :

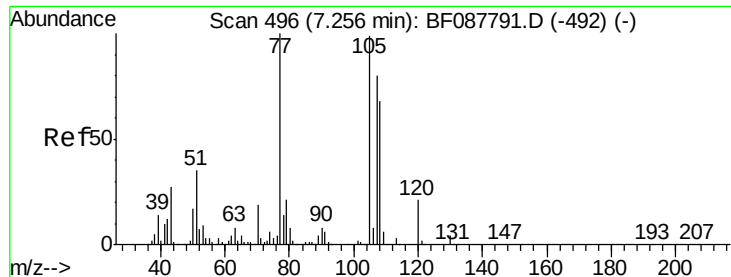
Tot Ion:	107	Resp:	18781
Ion	Ratio	Lower	Upper
107	100		
108	84.2	67.8	107.8
77	33.3	59.3	99.3#
79	23.8	7.0	47.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF088288.D
Acq: 23 Jun 2016 11:19

Tgt Ion:	136	Resp:	83383
Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.1	13.7
54	5.1	6.6	10.0#
68	4.9	5.1	7.7#

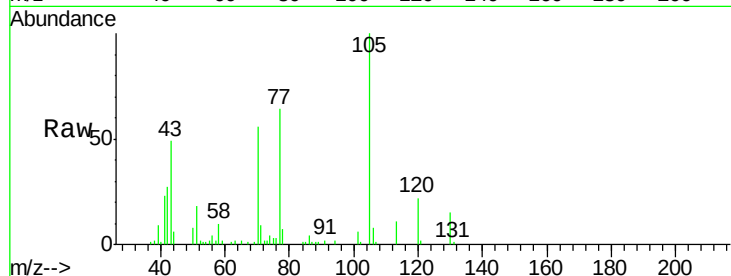




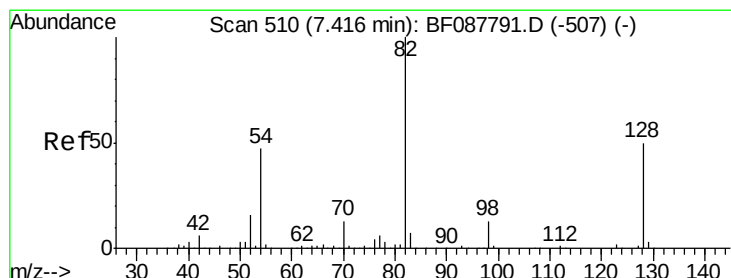
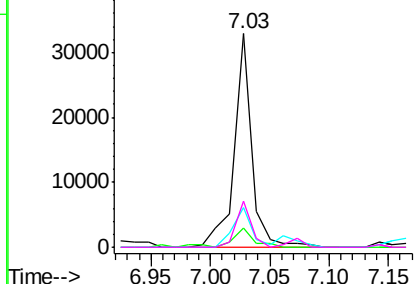
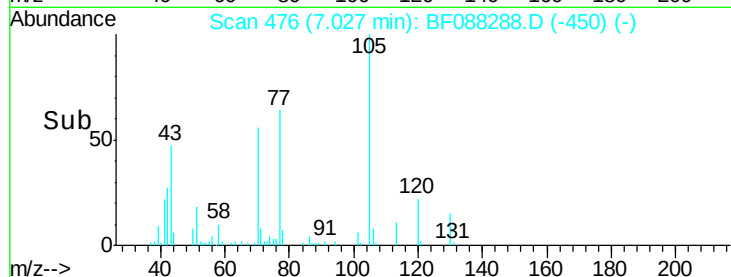
#22
Acetophenone
Concen: 18.31 ng
RT: 7.03 min Scan# 476
Delta R.T. 0.00 min
Lab File: BF088288.D
Acq: 23 Jun 2016 11:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:105 Resp: 34125
Ion Ratio Lower Upper
105 100
71 9.3 5.3 7.9#
51 18.3 18.2 27.4
120 21.9 18.0 27.0

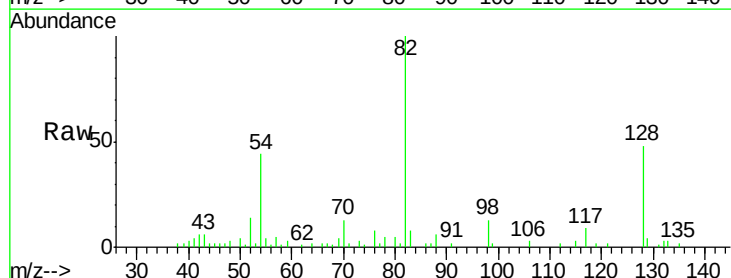


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

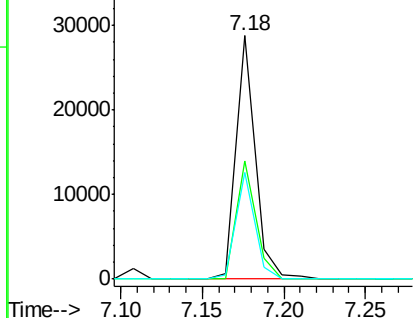
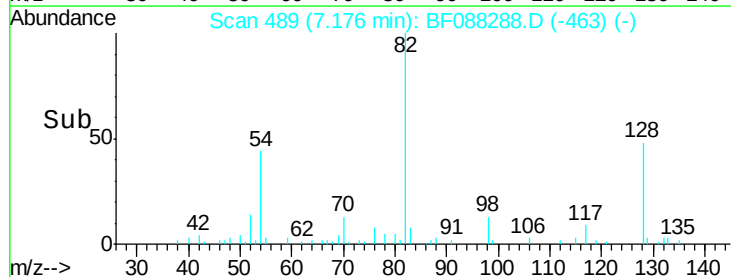


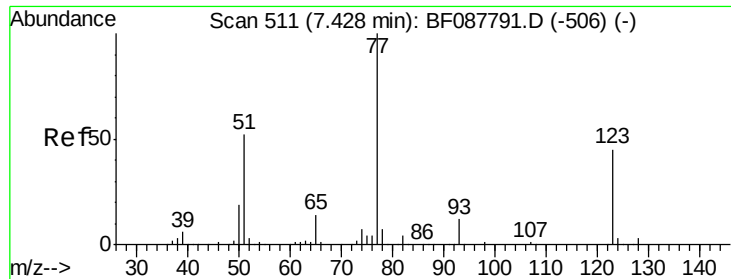
#23
Nitrobenzene-d5
Concen: 16.22 ng
RT: 7.18 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF088288.D
Acq: 23 Jun 2016 11:19

Tgt Ion: 82 Resp: 23155
Ion Ratio Lower Upper
82 100
128 48.3 35.9 53.9
54 43.8 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: 18.39 ng

RT: 7.20 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF088288.D

Acq: 23 Jun 2016 11:19

Instrument :

BNA_F

ClientSampleId :

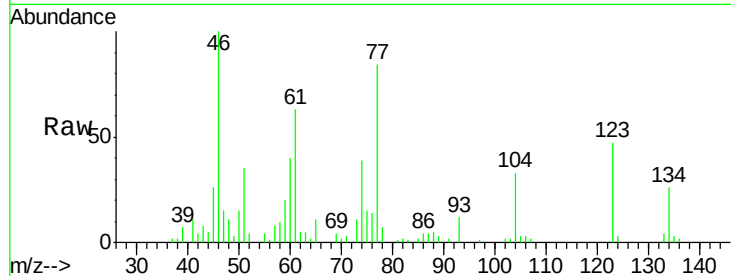
Tot Ion: 77 Resp: 25432

Ion Ratio Lower Upper

77 100

123 56.3 45.0 67.4

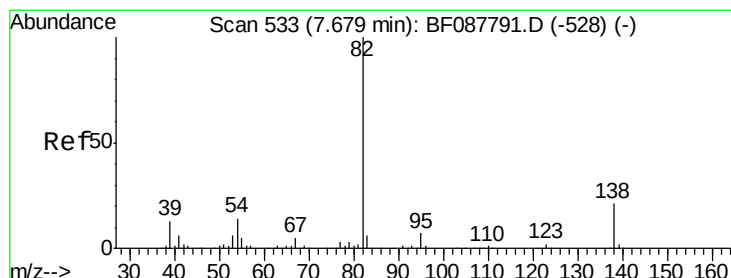
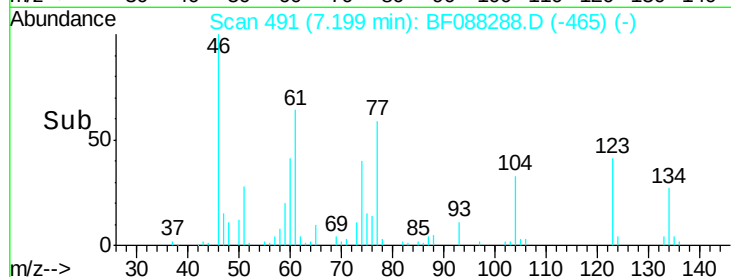
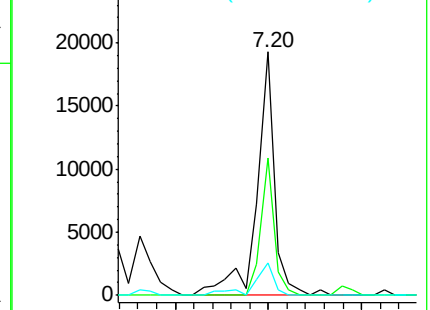
65 13.1 10.2 15.2



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: 17.73 ng

RT: 7.44 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF088288.D

Acq: 23 Jun 2016 11:19

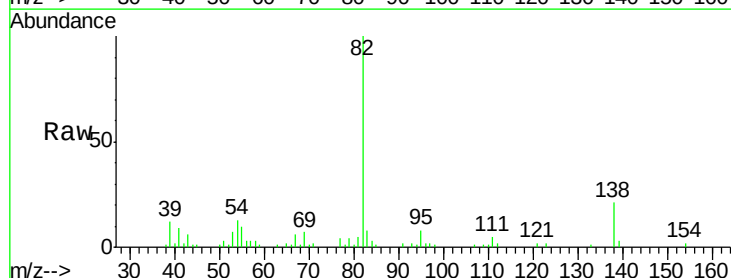
Tgt Ion: 82 Resp: 46901

Ion Ratio Lower Upper

82 100

95 8.3 5.4 8.2#

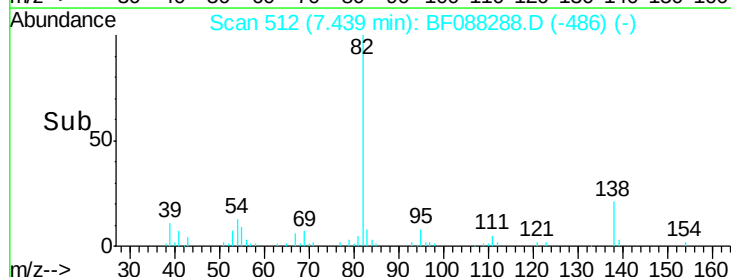
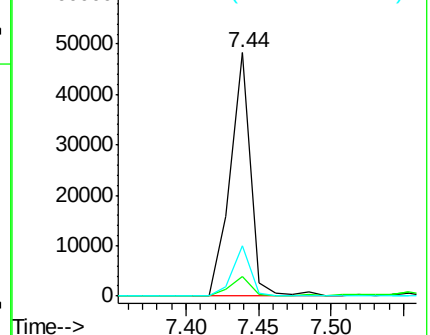
138 20.7 14.6 21.8

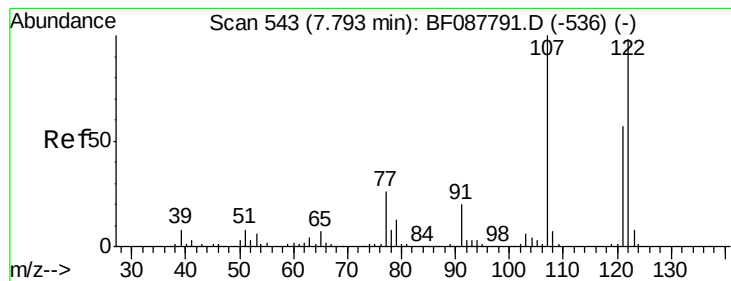


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#27

2,4-Dimethylphenol

Concen: 16.01 ng

RT: 7.58 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF088288.D

Acq: 23 Jun 2016 11:19

Instrument :

BNA_F

ClientSampleId :

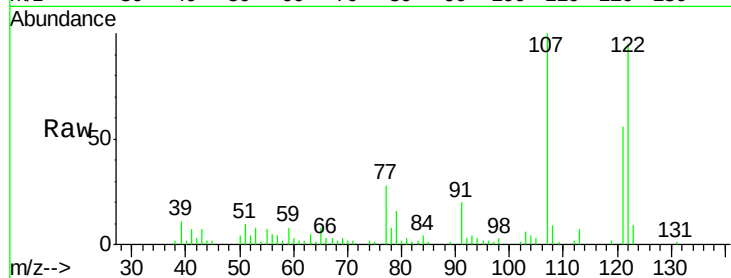
Tot Ion:122 Resp: 21837

Ion Ratio Lower Upper

122 100

107 104.7 82.4 123.6

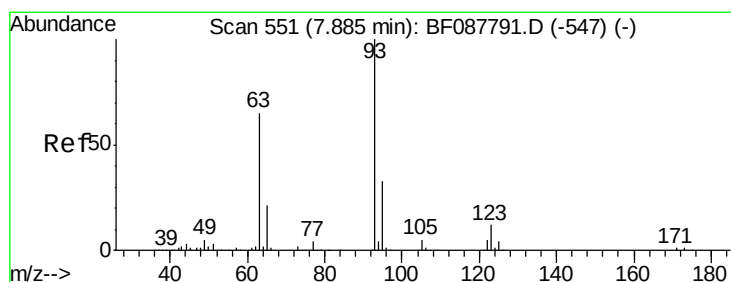
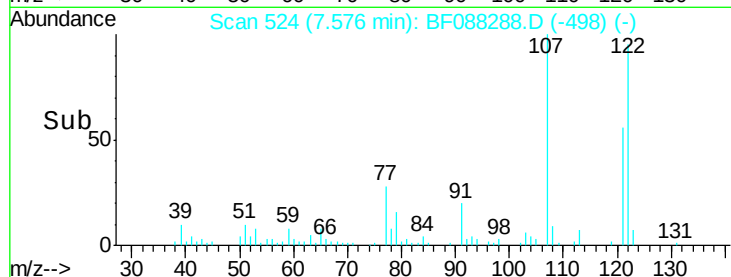
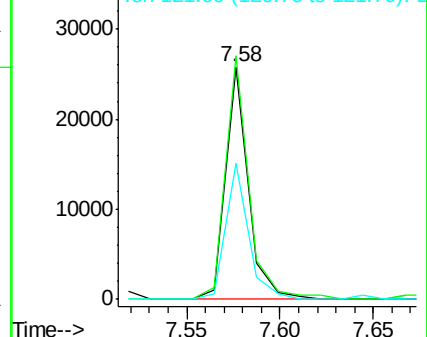
121 58.6 46.3 69.5



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: 19.16 ng

RT: 7.66 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF088288.D

Acq: 23 Jun 2016 11:19

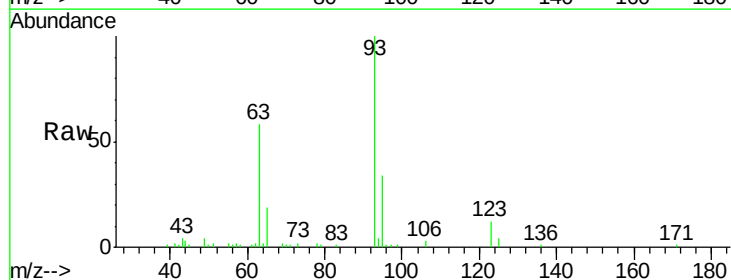
Tgt Ion: 93 Resp: 31432

Ion Ratio Lower Upper

93 100

95 33.8 26.5 39.7

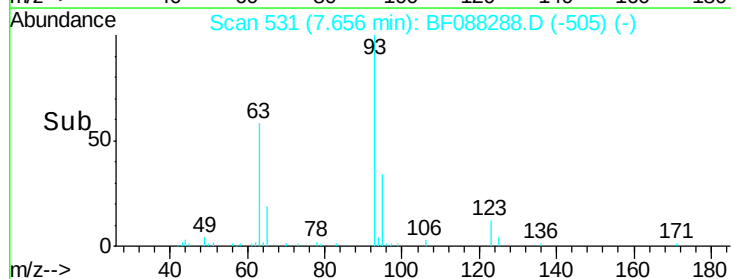
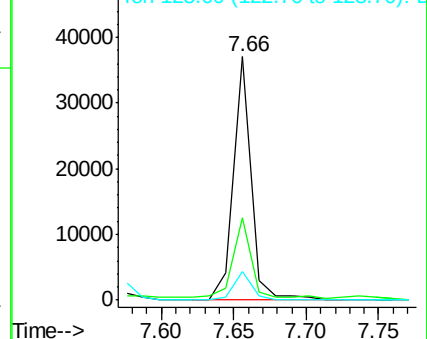
123 11.8 11.6 17.4

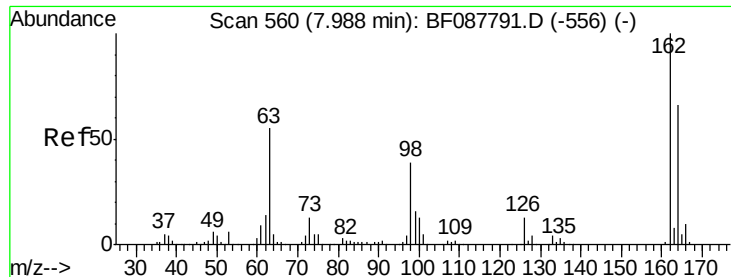


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

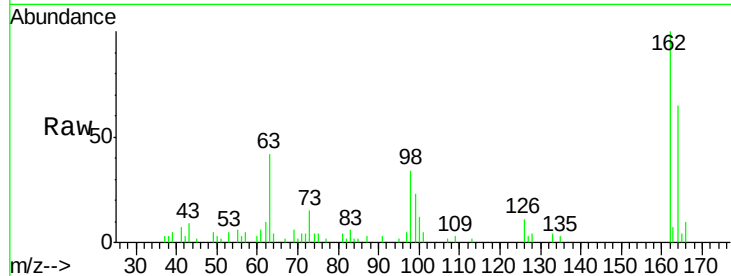




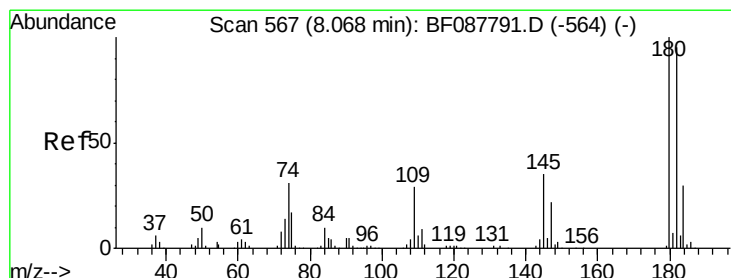
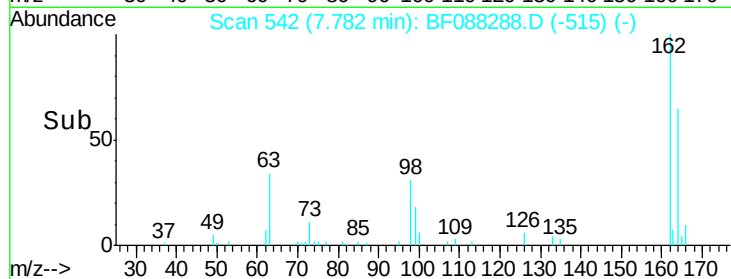
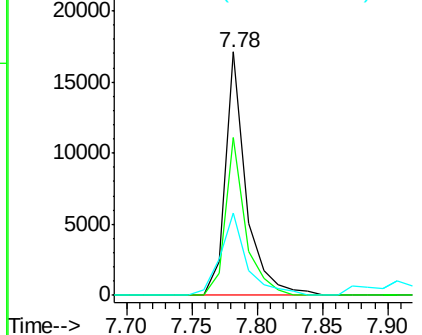
#29
 2,4-Dichlorophenol
 Concen: 16.68 ng
 RT: 7.78 min Scan# 542
 Delta R.T. 0.01 min
 Lab File: BF088288.D
 Acq: 23 Jun 2016 11:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 19001
 Ion Ratio Lower Upper
 162 100
 164 65.0 43.8 83.8
 98 34.1 21.3 61.3

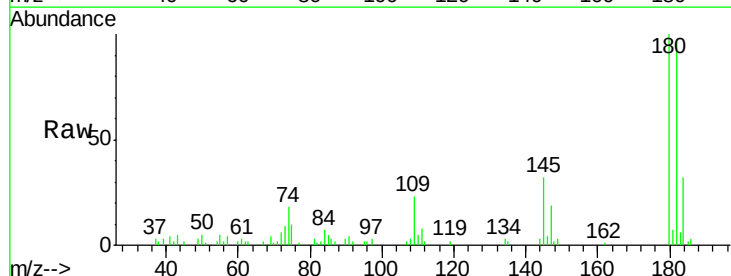


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BFO

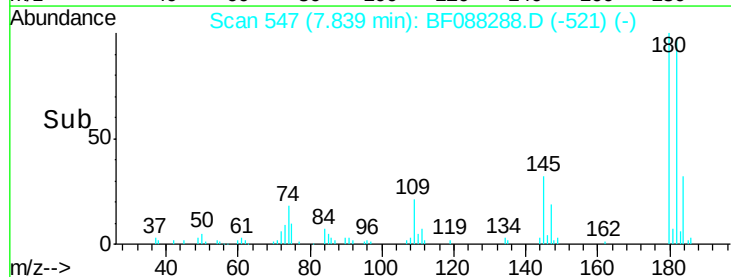
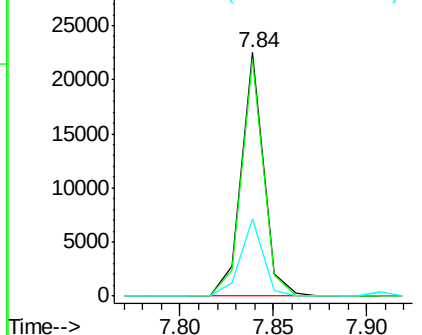


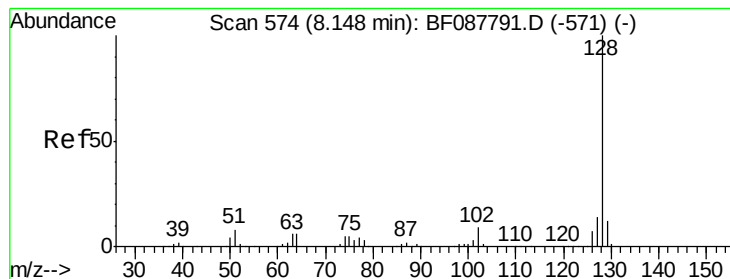
#30
 1,2,4-Trichlorobenzene
 Concen: 15.28 ng
 RT: 7.84 min Scan# 547
 Delta R.T. 0.00 min
 Lab File: BF088288.D
 Acq: 23 Jun 2016 11:19

Tgt Ion:180 Resp: 18946
 Ion Ratio Lower Upper
 180 100
 182 97.2 76.0 114.0
 145 31.9 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: 18.44 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF088288.D

Acq: 23 Jun 2016 11:19

Instrument :

BNA_F

ClientSampleId :

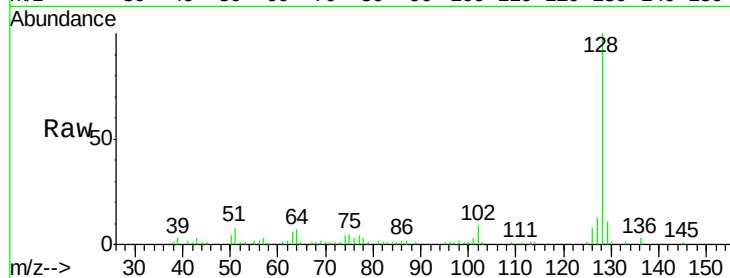
Tot Ion:128 Resp: 76092

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.2

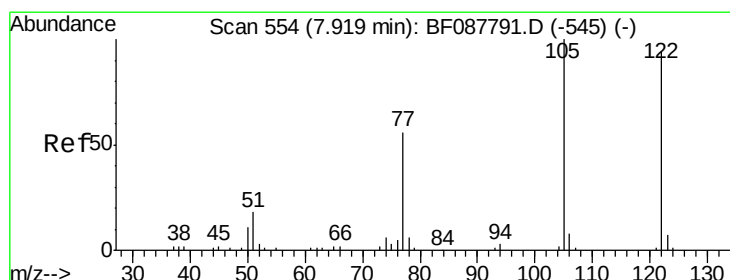
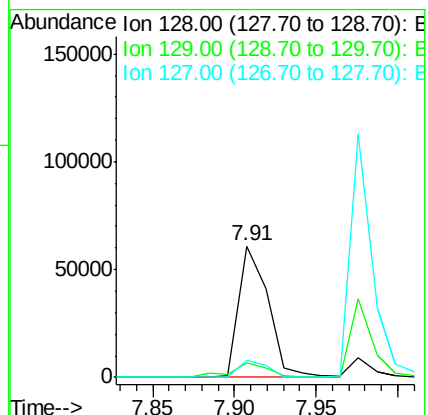
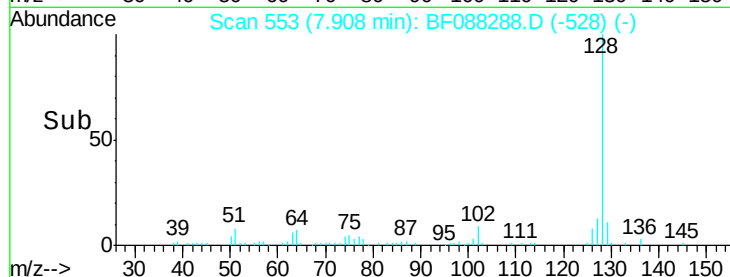
127 12.8 10.9 16.3



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: 3.76 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.01 min

Lab File: BF088288.D

Acq: 23 Jun 2016 11:19

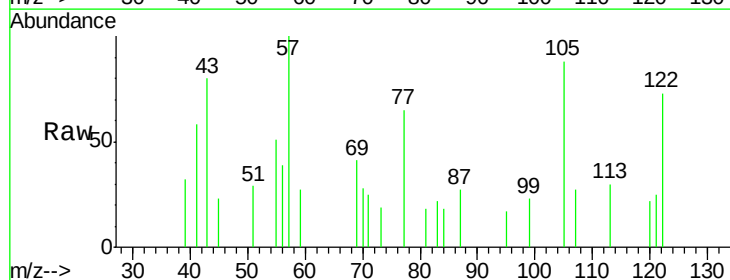
Tgt Ion:122 Resp: 2825

Ion Ratio Lower Upper

122 100

105 120.1 101.6 141.6

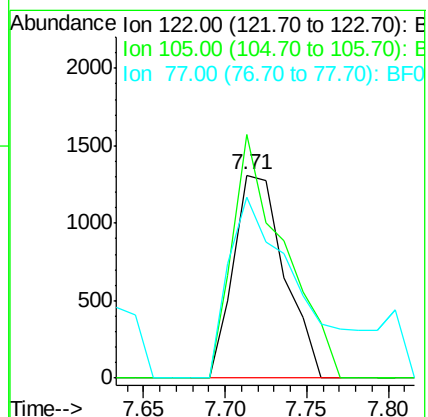
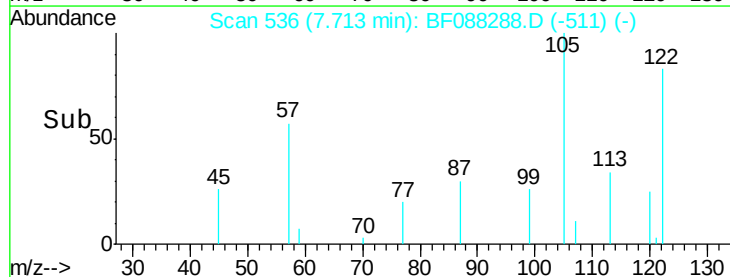
77 89.2 70.6 110.6

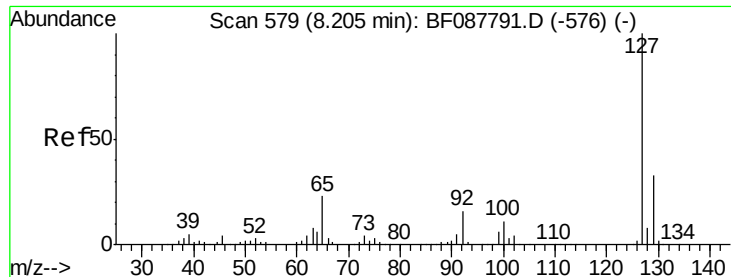


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

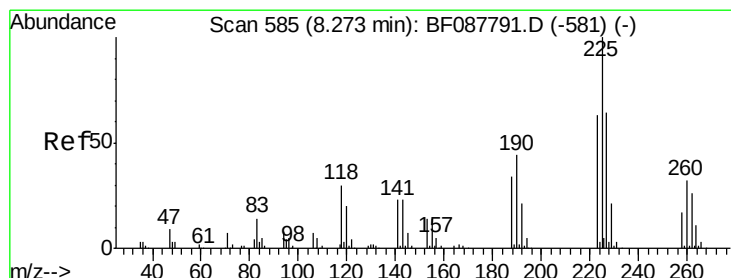
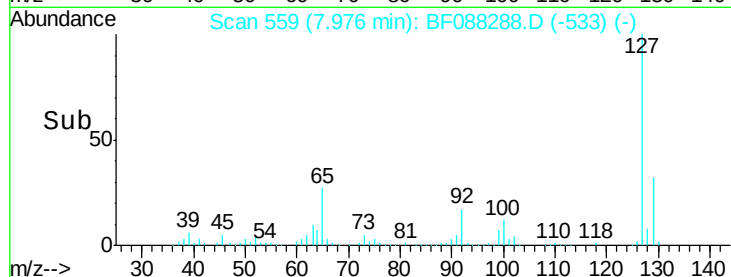
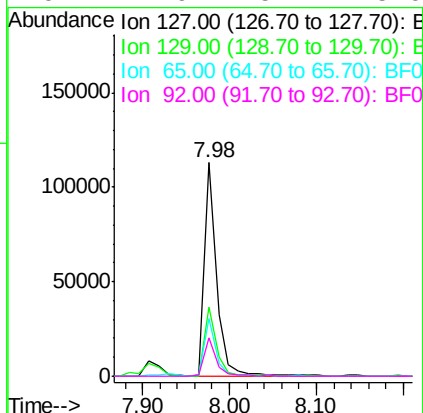
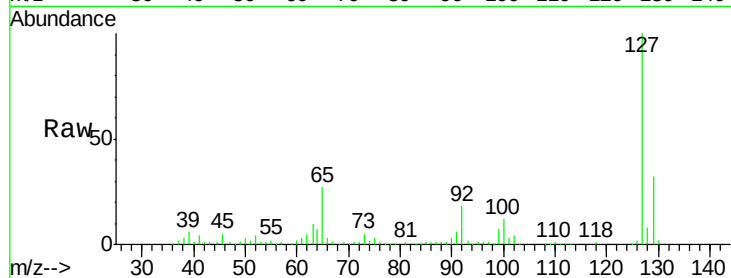




#33
4-Chloroaniline
Concen: 60.09 ng
RT: 7.98 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF088288.D
Acq: 23 Jun 2016 11:19

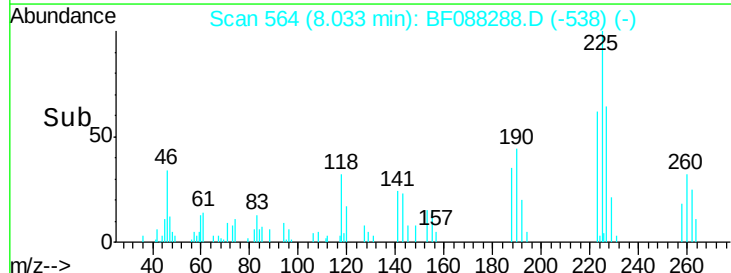
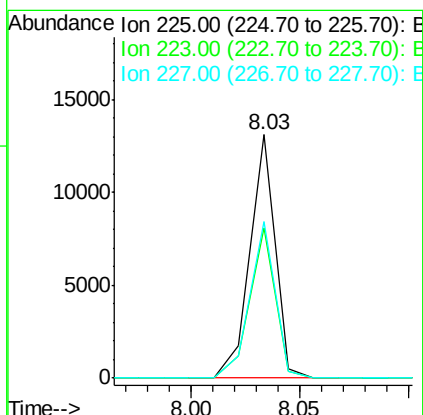
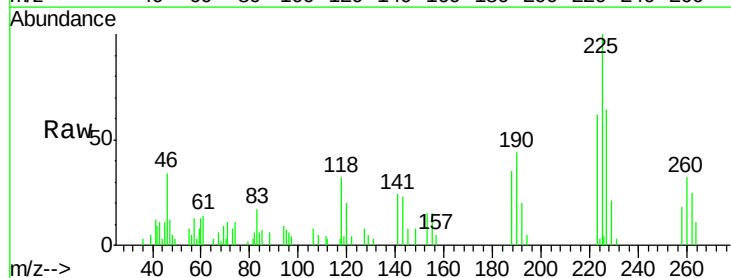
Instrument :
BNA_F
ClientSampleId :

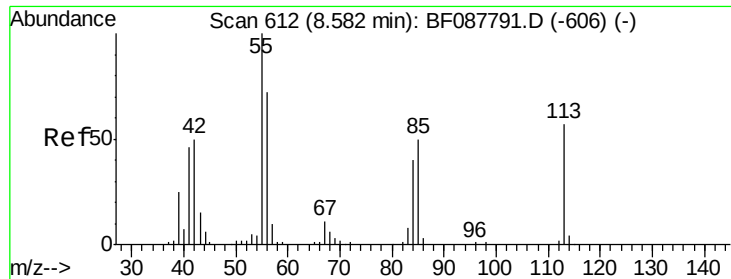
Tot Ion:	127	Resp:	110722
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.3	39.5
65	26.8	24.7	37.1
92	17.9	15.4	23.0



#34
Hexachlorobutadiene
Concen: 16.16 ng
RT: 8.03 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF088288.D
Acq: 23 Jun 2016 11:19

Tgt Ion:	225	Resp:	10567
Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.9	76.3
227	64.5	51.9	77.9

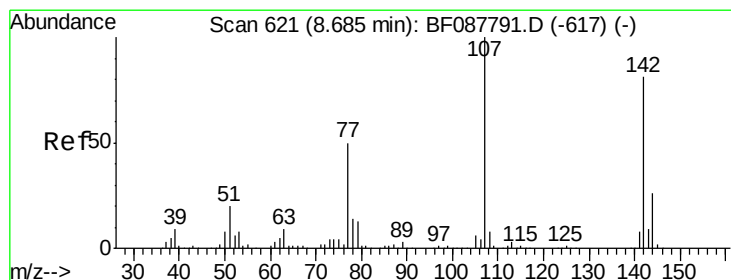
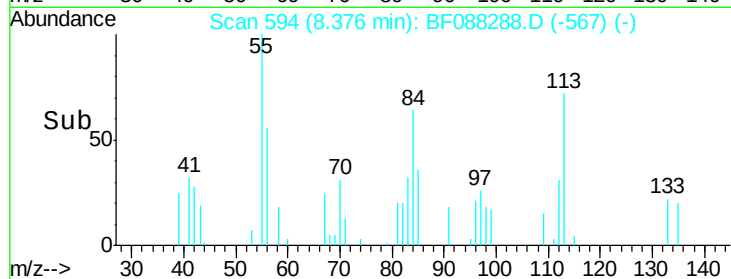
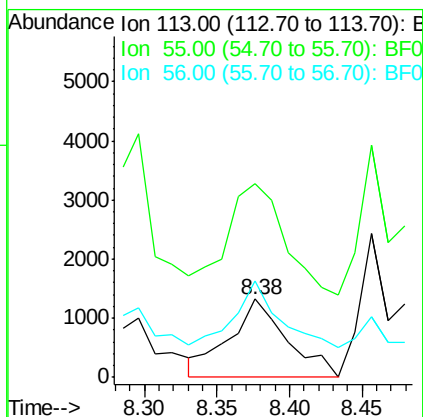
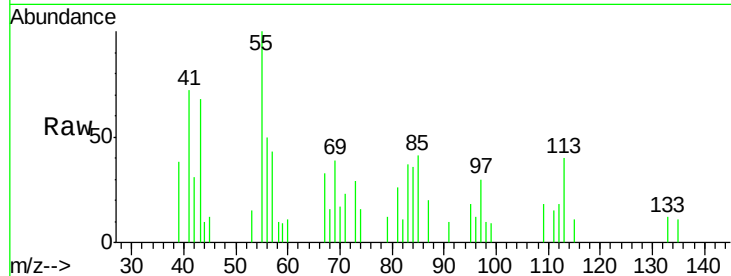




#35
 Caprolactam
 Concen: 9.58 ng
 RT: 8.38 min Scan# 594
 Delta R.T. 0.01 min
 Lab File: BF088288.D
 Acq: 23 Jun 2016 11:19

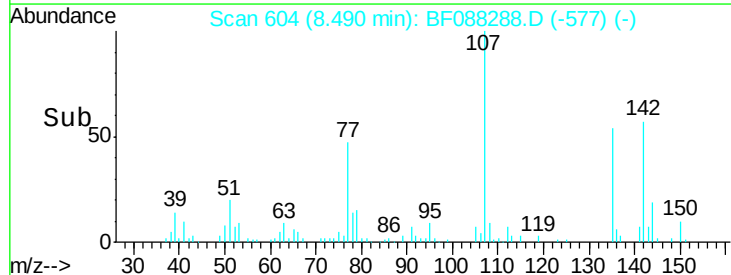
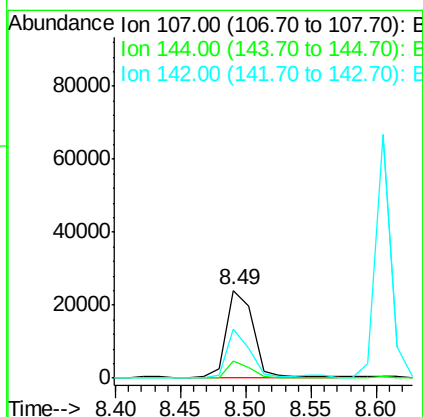
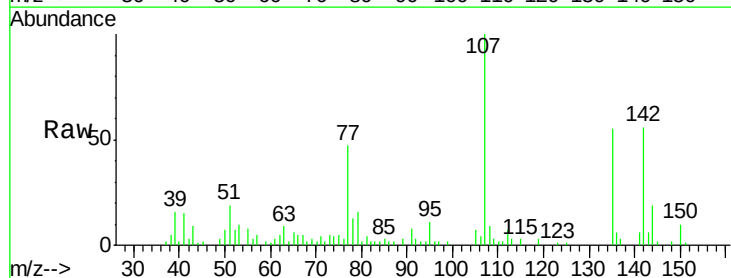
Instrument :
 BNA_F
 ClientSampled :

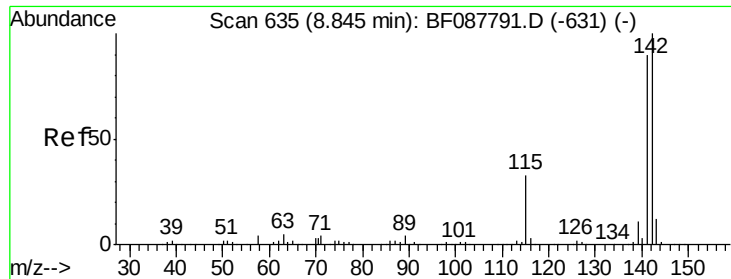
Tot Ion:113 Resp: 3615
 Ion Ratio Lower Upper
 113 100
 55 248.4 158.6 198.6#
 56 124.0 110.6 150.6



#36
 4-Chloro-3-methylphenol
 Concen: 28.88 ng
 RT: 8.49 min Scan# 604
 Delta R.T. 0.01 min
 Lab File: BF088288.D
 Acq: 23 Jun 2016 11:19

Tgt Ion:107 Resp: 35177
 Ion Ratio Lower Upper
 107 100
 144 18.8 20.8 31.2#
 142 55.9 63.4 95.2#

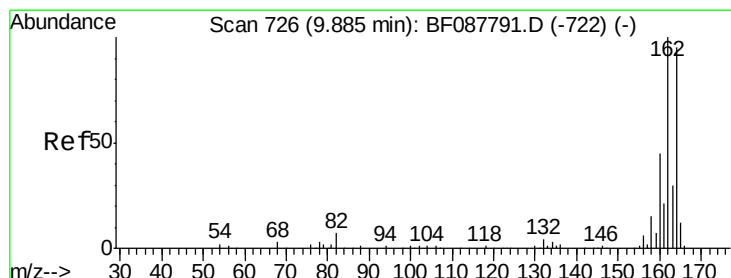
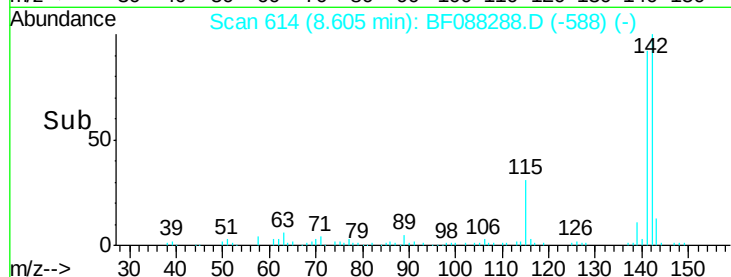
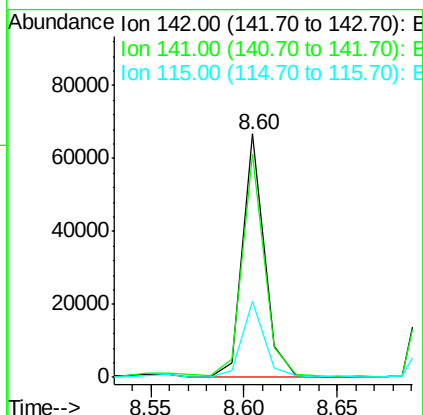
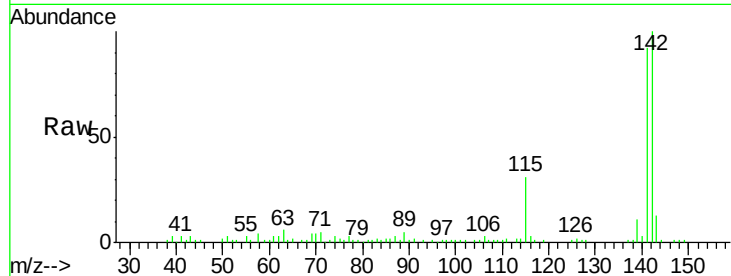




#37
2-Methylnaphthalene
Concen: 20.13 ng
RT: 8.60 min Scan# 614
Delta R.T. 0.00 min
Lab File: BF088288.D
Acq: 23 Jun 2016 11:19

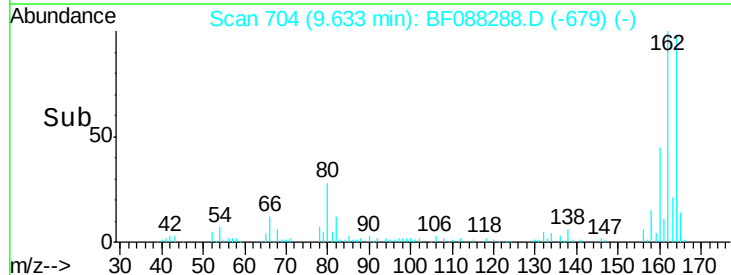
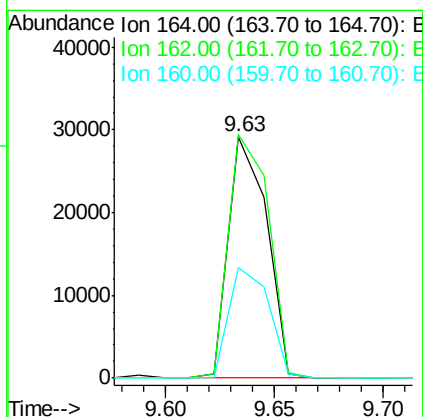
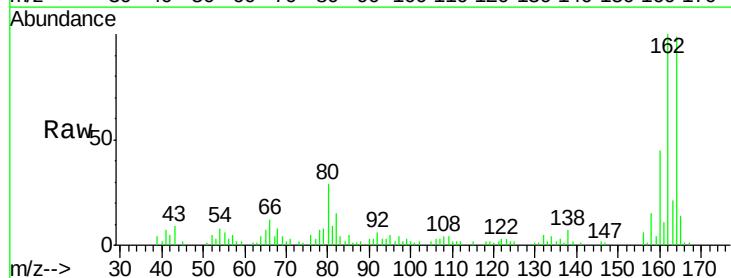
Instrument :
BNA_F
ClientSampleId :

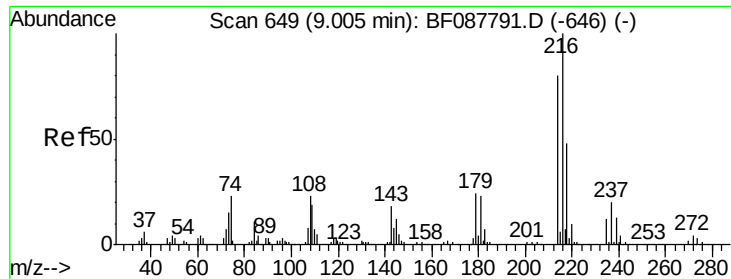
Tot Ion:142 Resp: 54750
Ion Ratio Lower Upper
142 100
141 91.8 71.0 106.6
115 31.2 22.6 33.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.01 min
Lab File: BF088288.D
Acq: 23 Jun 2016 11:19

Tgt Ion:164 Resp: 35659
Ion Ratio Lower Upper
164 100
162 101.0 85.4 128.2
160 45.8 39.5 59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 16.28 ng

RT: 8.78 min Scan# 629

Delta R.T. 0.00 min

Lab File: BF088288.D

Acq: 23 Jun 2016 11:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 18682

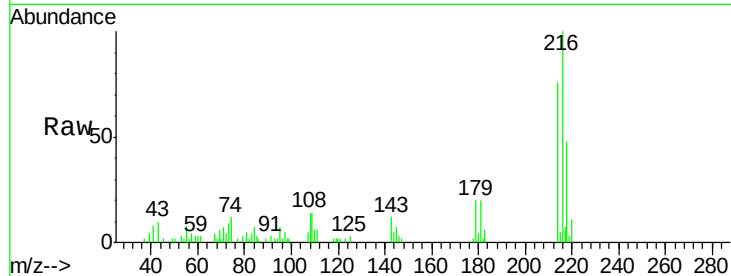
Ion Ratio Lower Upper

216 100

214 77.7 2.9 4.3#

179 21.1 0.0 0.0#

108 23.5 0.5 0.7#

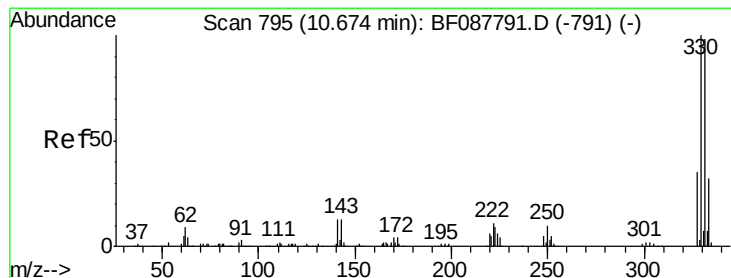
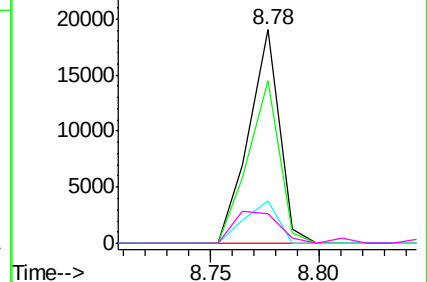
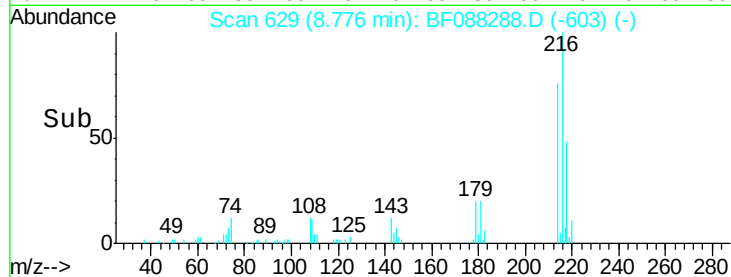


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#41

2,4,6-Tribromophenol

Concen: 29.74 ng

RT: 10.43 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF088288.D

Acq: 23 Jun 2016 11:19

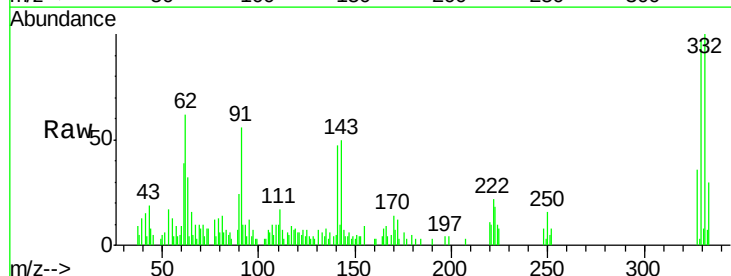
Tgt Ion:330 Resp: 11199

Ion Ratio Lower Upper

330 100

332 102.8 0.0 0.0#

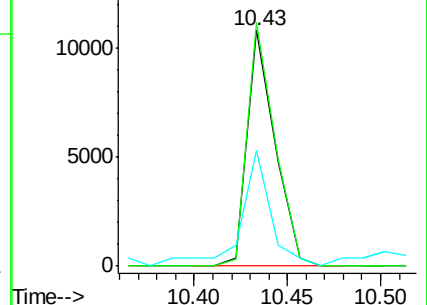
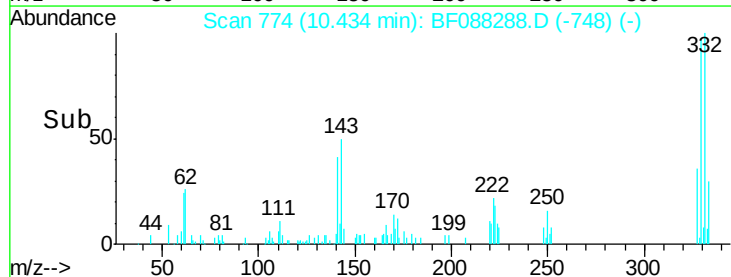
141 53.3 0.0 0.0#

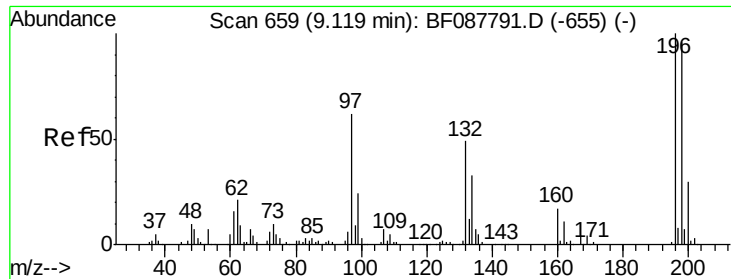


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

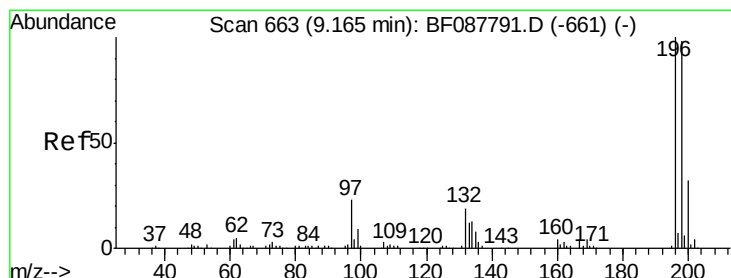
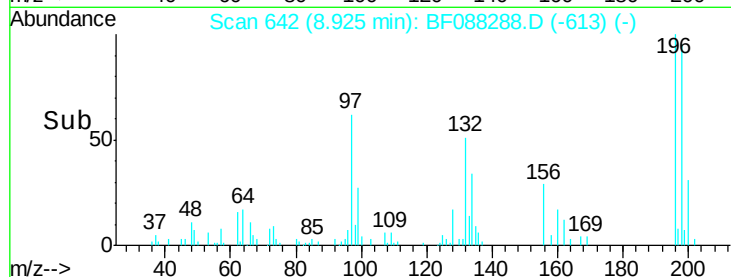
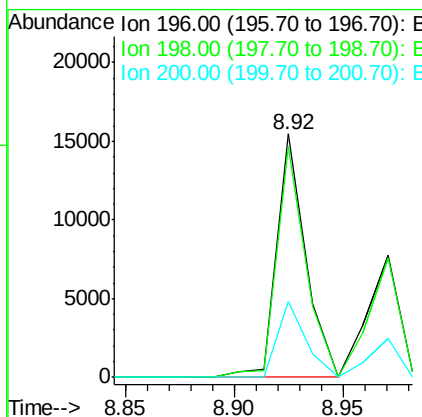
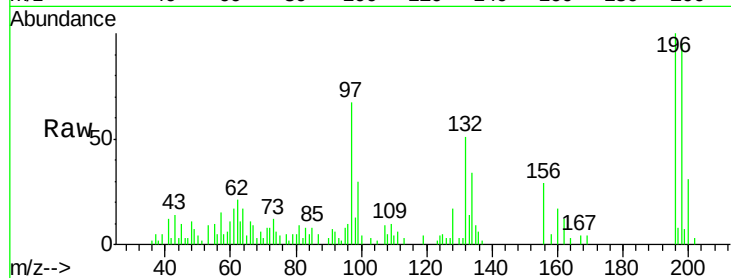




#42
 2,4,6-Trichlorophenol
 Concen: 20.20 ng
 RT: 8.92 min Scan# 642
 Delta R.T. 0.03 min
 Lab File: BF088288.D
 Acq: 23 Jun 2016 11:19

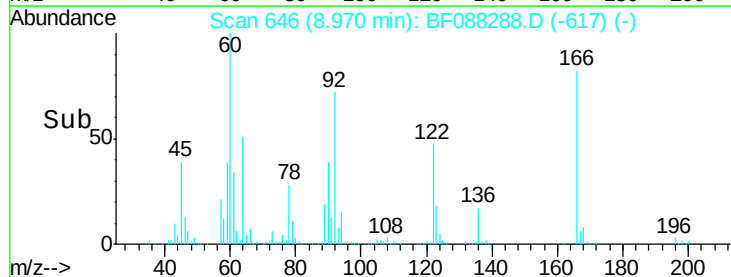
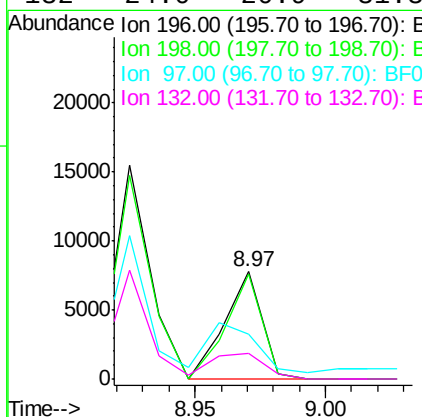
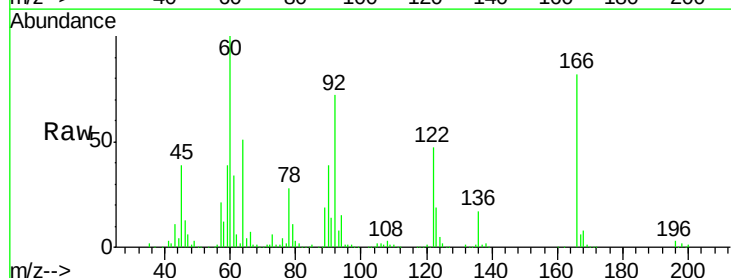
Instrument :
 BNA_F
 ClientSampled :

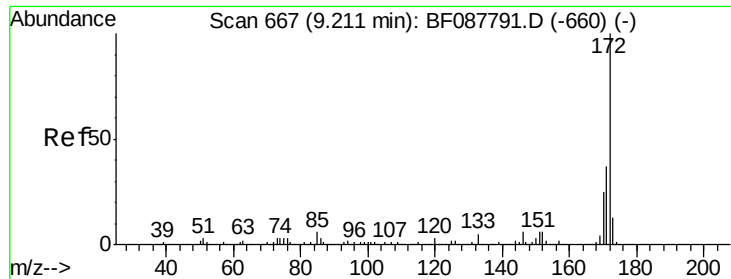
Tot Ion:196 Resp: 14408
 Ion Ratio Lower Upper
 196 100
 198 95.0 78.0 117.0
 200 31.2 25.4 38.2



#43
 2,4,5-Trichlorophenol
 Concen: 10.52 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.03 min
 Lab File: BF088288.D
 Acq: 23 Jun 2016 11:19

Tgt Ion:196 Resp: 7803
 Ion Ratio Lower Upper
 196 100
 198 98.0 77.5 116.3
 97 41.9 32.0 48.0
 132 24.0 20.9 31.3

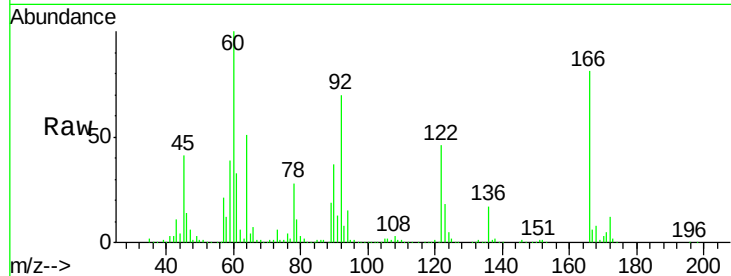




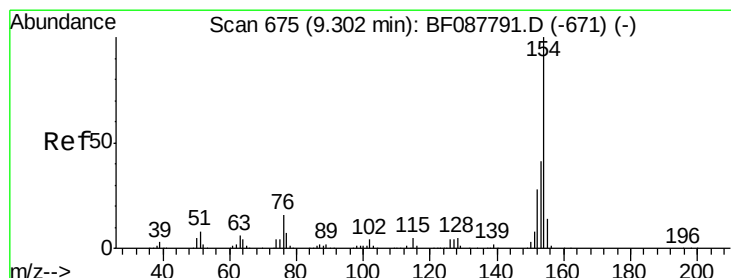
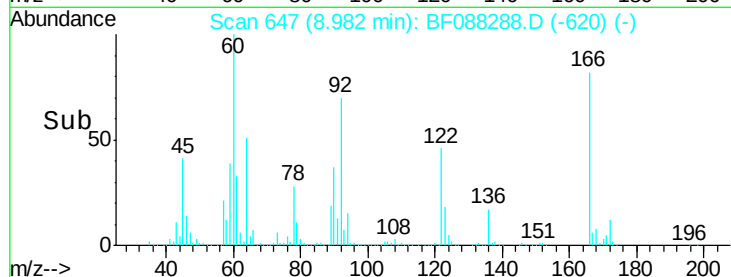
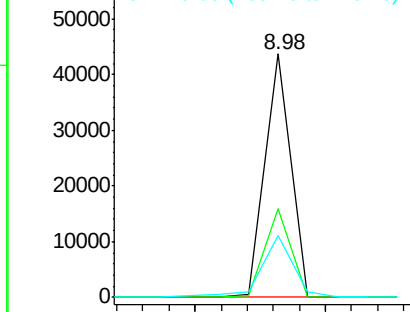
#44
2-Fluorobiphenyl
Concen: 8.38 ng
RT: 8.98 min Scan# 647
Delta R.T. 0.01 min
Lab File: BF088288.D
Acq: 23 Jun 2016 11:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 30362
Ion Ratio Lower Upper
172 100
171 36.7 28.6 43.0
170 25.4 19.2 28.8

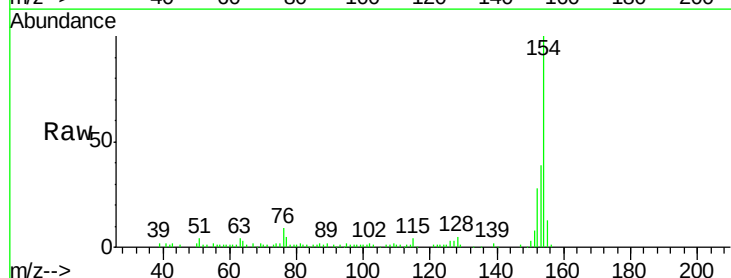


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

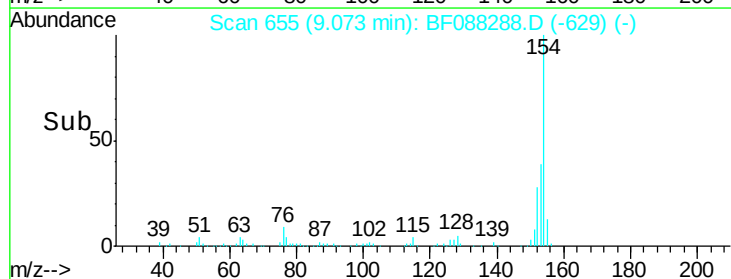
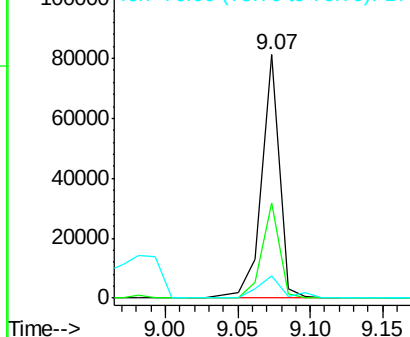


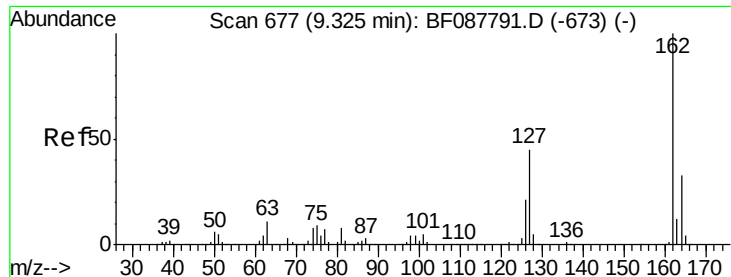
#45
1,1'-Biphenyl
Concen: 22.54 ng
RT: 9.07 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF088288.D
Acq: 23 Jun 2016 11:19

Tgt Ion:154 Resp: 68622
Ion Ratio Lower Upper
154 100
153 38.9 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

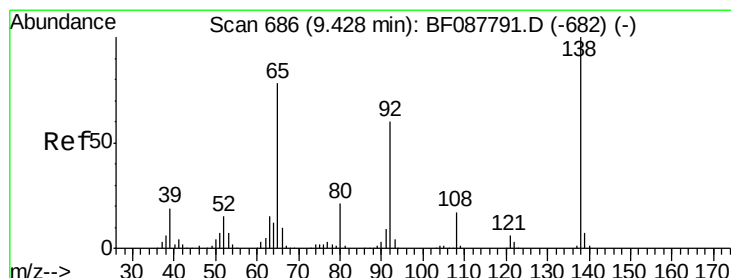
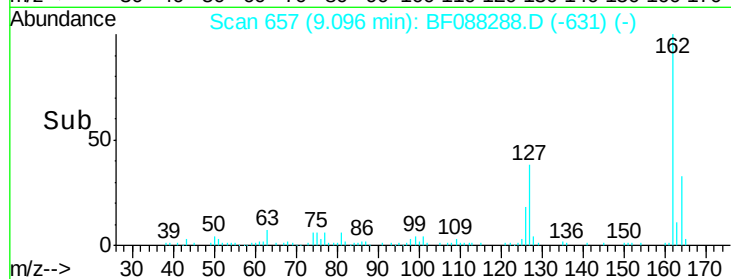
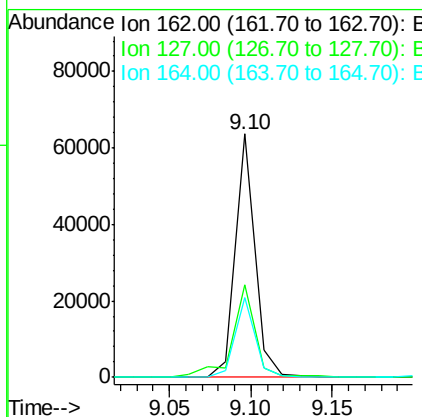
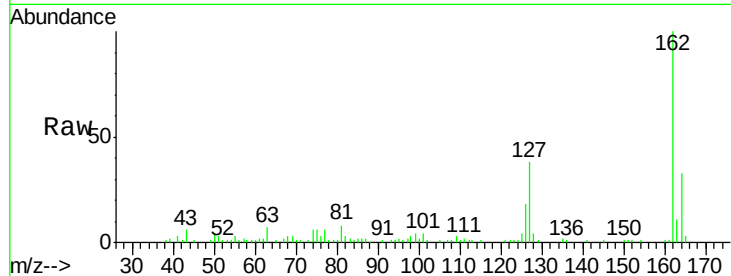




#46
2-Chloronaphthalene
Concen: 22.62 ng
RT: 9.10 min Scan# 657
Delta R.T. 0.00 min
Lab File: BF088288.D
Acq: 23 Jun 2016 11:19

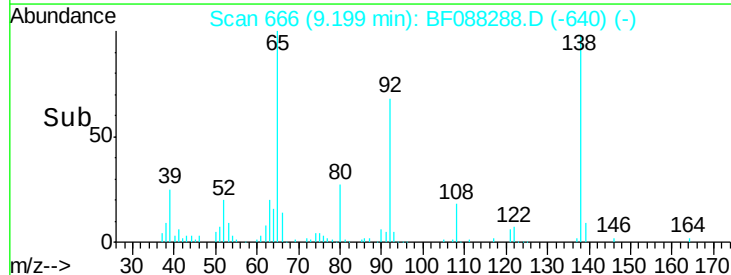
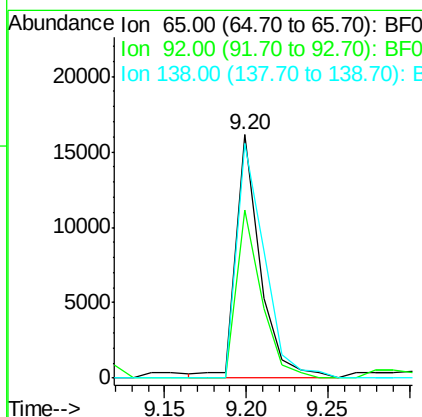
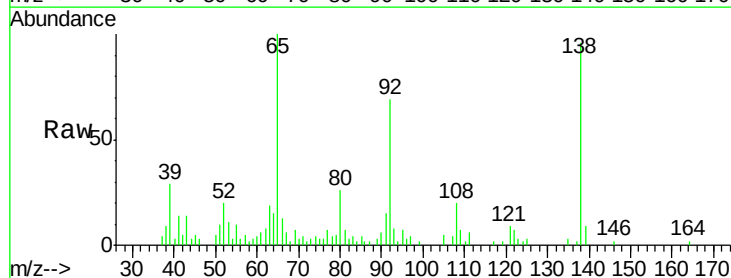
Instrument :
BNA_F
ClientSampleId :

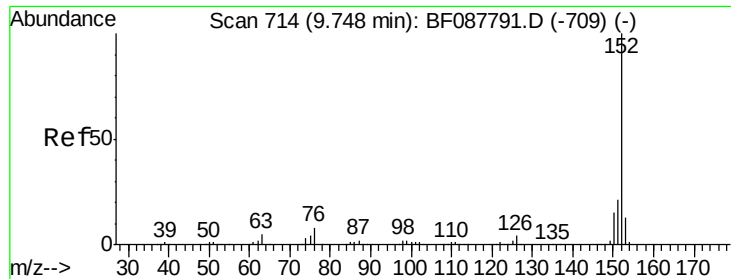
Tot Ion:162 Resp: 52191
Ion Ratio Lower Upper
162 100
127 38.0 35.2 52.8
164 32.5 26.6 39.8



#47
2-Nitroaniline
Concen: 24.41 ng
RT: 9.20 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF088288.D
Acq: 23 Jun 2016 11:19

Tgt Ion: 65 Resp: 16618
Ion Ratio Lower Upper
65 100
92 68.9 54.6 82.0
138 96.4 77.0 115.4





#48

Acenaphthylene

Concen: 19.66 ng

RT: 9.50 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF088288.D

Acq: 23 Jun 2016 11:19

Instrument :

BNA_F

ClientSampleId :

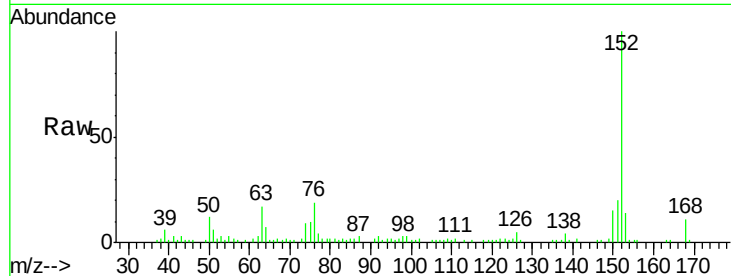
Tot Ion:152 Resp: 72162

Ion Ratio Lower Upper

152 100

151 19.8 16.2 24.4

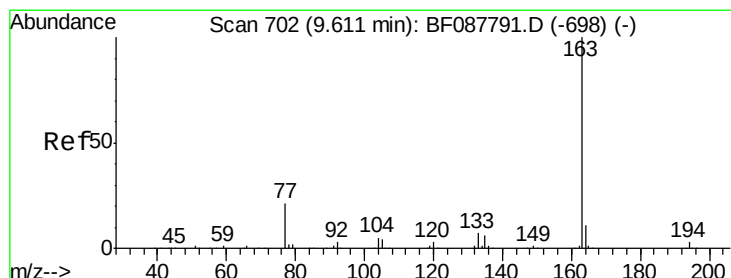
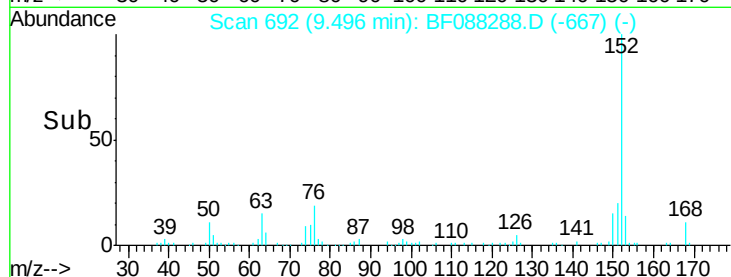
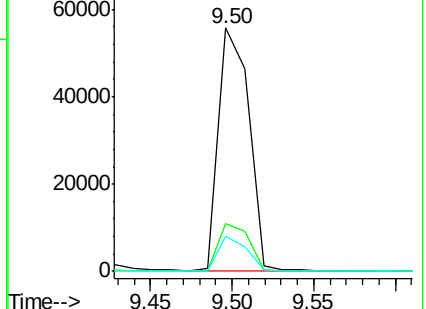
153 14.2 11.0 16.6



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: 34.53 ng

RT: 9.37 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF088288.D

Acq: 23 Jun 2016 11:19

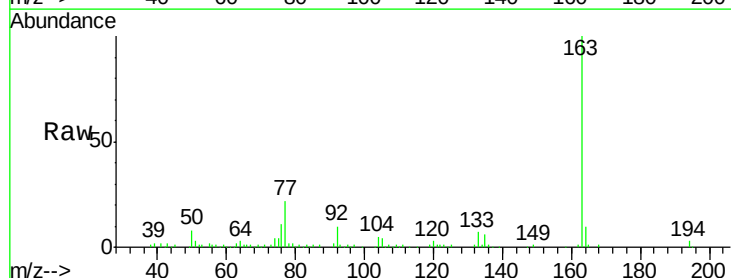
Tgt Ion:163 Resp: 89185

Ion Ratio Lower Upper

163 100

194 2.8 2.8 4.2#

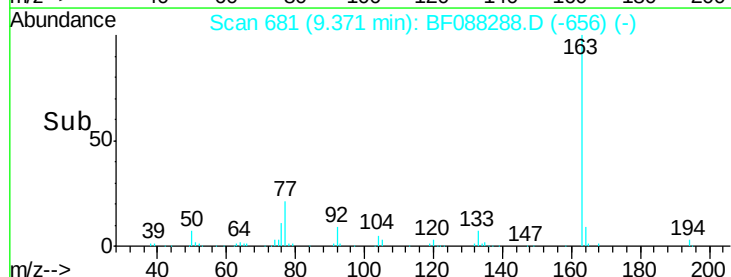
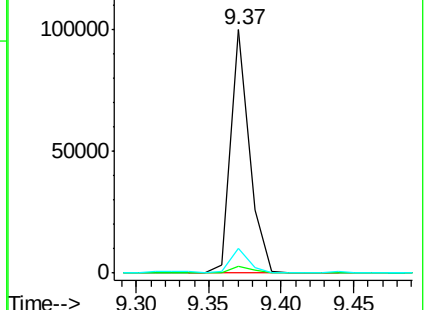
164 10.3 8.3 12.5

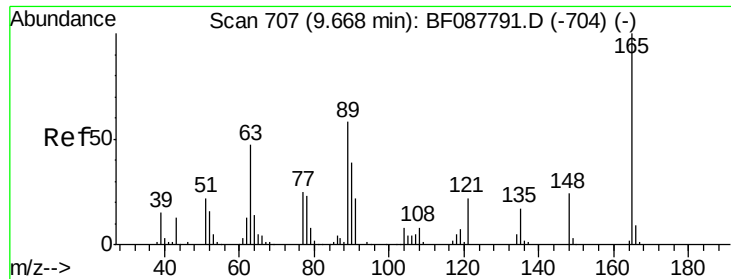


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

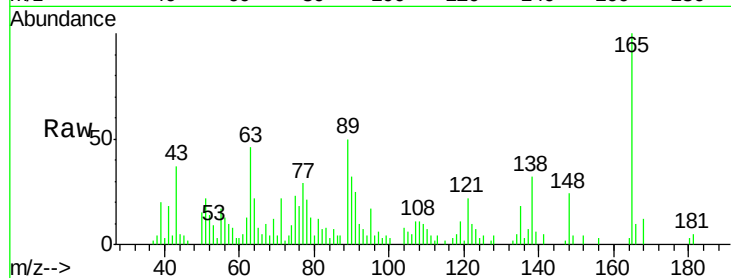




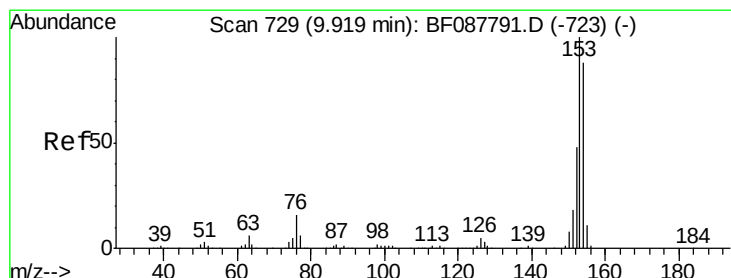
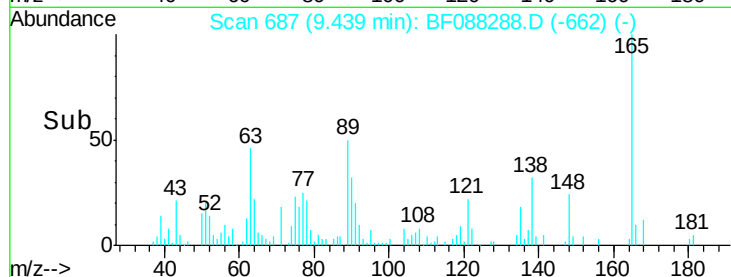
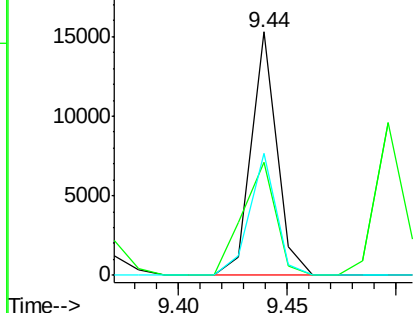
#50
2,6-Dinitrotoluene
Concen: 21.18 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF088288.D
Acq: 23 Jun 2016 11:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 12529
Ion Ratio Lower Upper
165 100
63 46.2 28.1 42.1#
89 50.1 32.2 48.2#

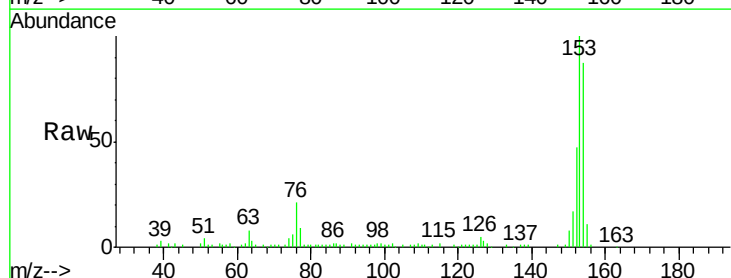


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

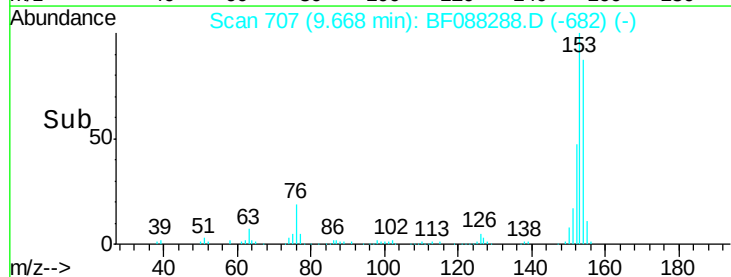
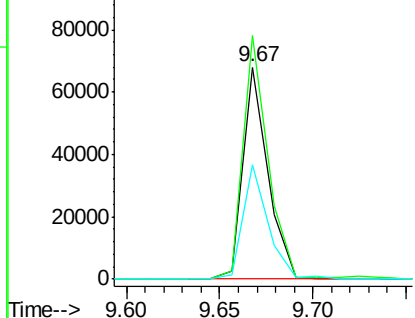


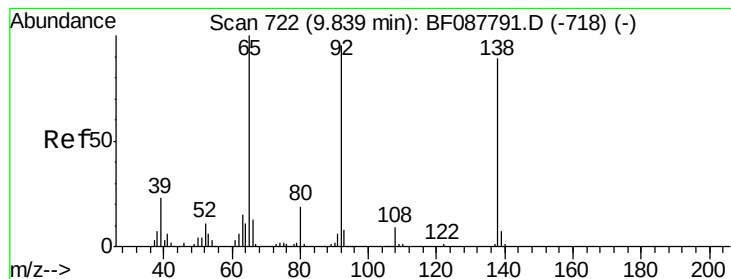
#51
Acenaphthene
Concen: 27.48 ng
RT: 9.67 min Scan# 707
Delta R.T. -0.01 min
Lab File: BF088288.D
Acq: 23 Jun 2016 11:19

Tgt Ion:154 Resp: 62914
Ion Ratio Lower Upper
154 100
153 115.0 89.5 134.3
152 53.9 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: 19.00 ng

RT: 9.61 min Scan# 702

Delta R.T. 0.00 min

Lab File: BF088288.D

Acq: 23 Jun 2016 11:19

Instrument :

BNA_F

ClientSampled :

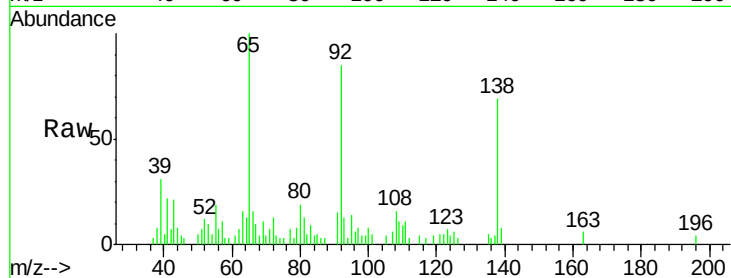
Tot Ion:138 Resp: 12972

Ion Ratio Lower Upper

138 100

108 23.8 8.5 12.7#

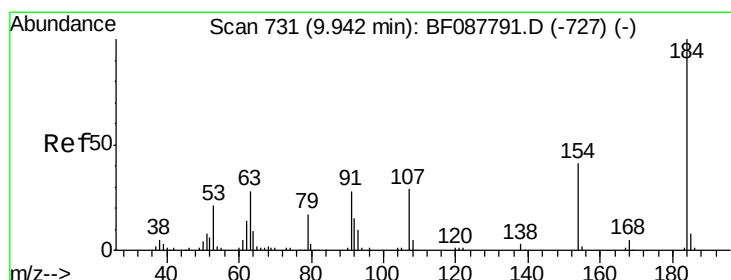
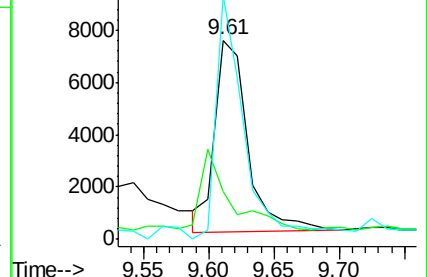
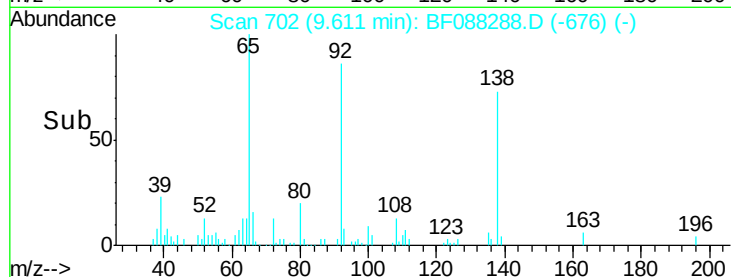
92 122.3 95.7 143.5



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: 3.94 ng

RT: 9.76 min Scan# 715

Delta R.T. 0.02 min

Lab File: BF088288.D

Acq: 23 Jun 2016 11:19

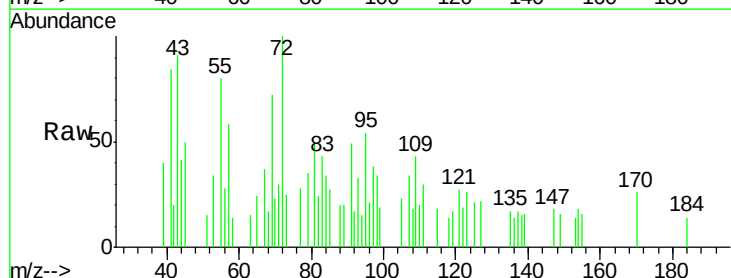
Tgt Ion:184 Resp: 221

Ion Ratio Lower Upper

184 100

63 107.8 57.6 86.4#

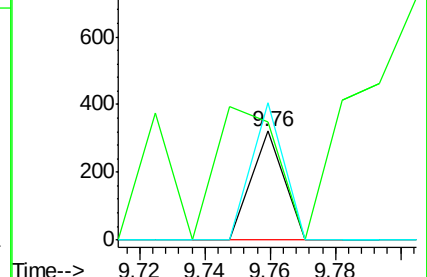
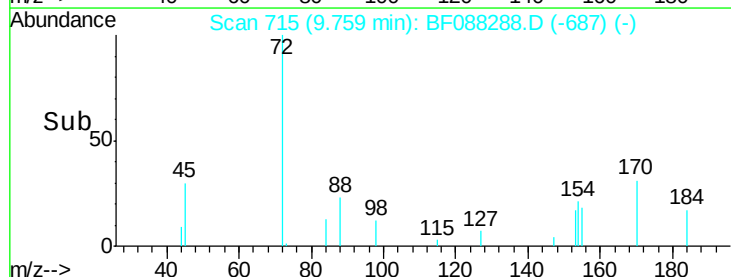
154 125.5 53.5 80.3#

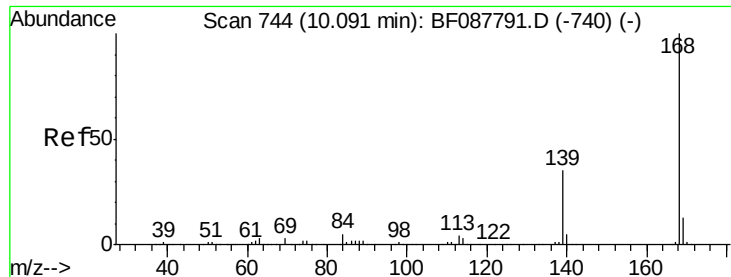


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

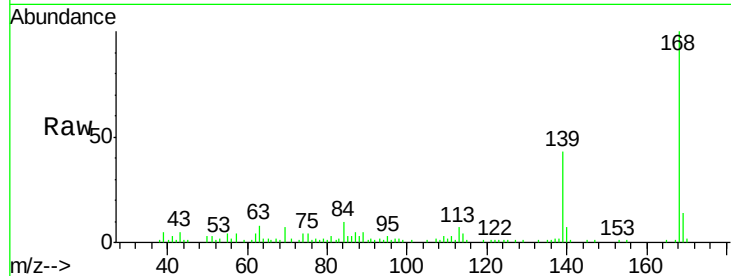




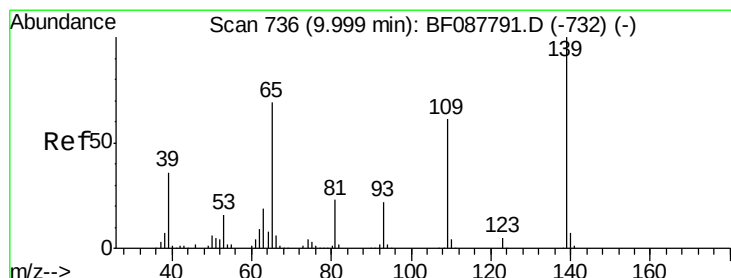
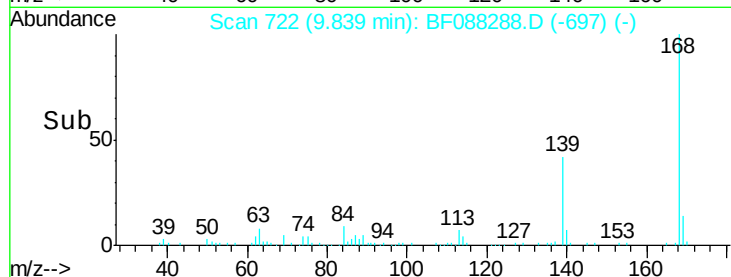
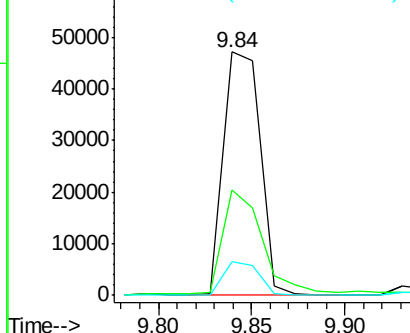
#54
Dibenzofuran
Concen: 20.70 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF088288.D
Acq: 23 Jun 2016 11:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 65278
Ion Ratio Lower Upper
168 100
139 43.3 26.4 39.6#
169 14.0 10.4 15.6

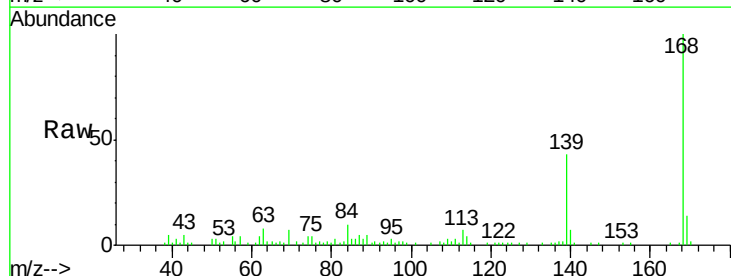


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

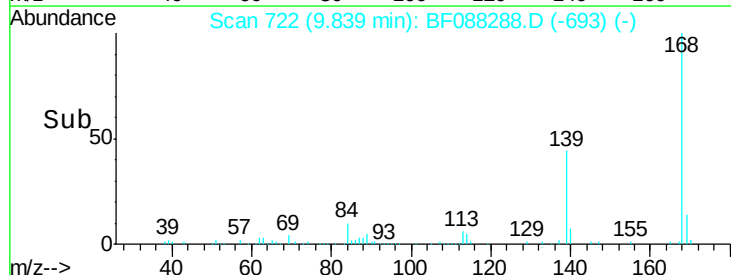
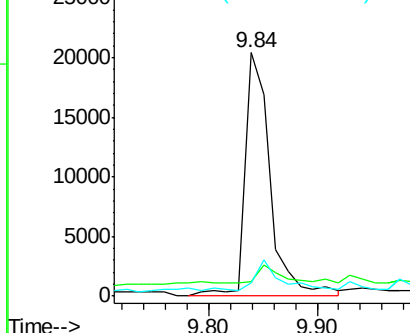


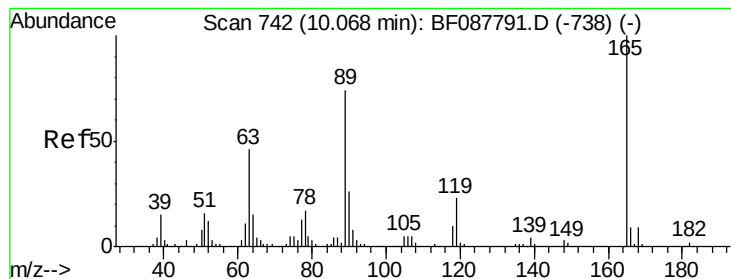
#55
4-Nitrophenol
Concen: 61.59 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.03 min
Lab File: BF088288.D
Acq: 23 Jun 2016 11:19

Tgt Ion:139 Resp: 32630
Ion Ratio Lower Upper
139 100
109 6.0 48.9 88.9#
65 5.4 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: 19.80 ng

RT: 9.85 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF088288.D

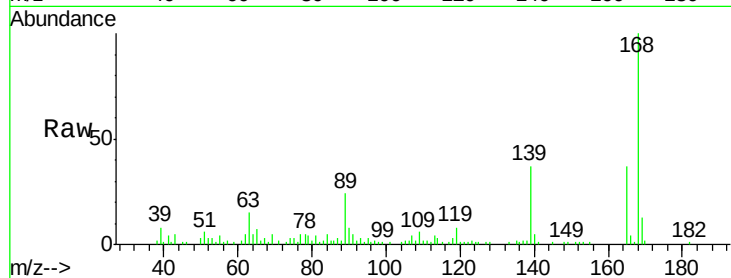
Acq: 23 Jun 2016 11:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165	Resp:	15053
Ion Ratio	Lower	Upper
165	100	
63	40.5	22.0 33.0#
89	62.8	41.1 61.7#
182	3.0	2.0 3.0#

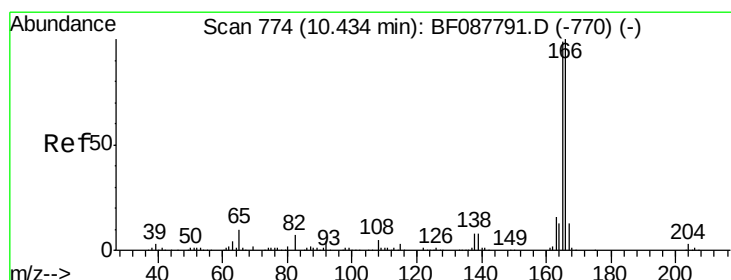
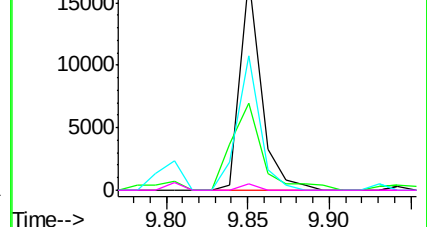
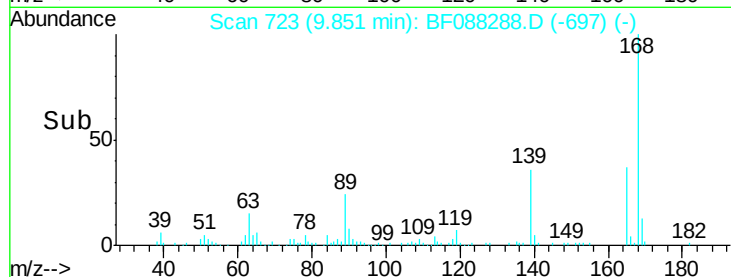


Abundance Ion 165.00 (164.70 to 165.70): E

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: 29.67 ng

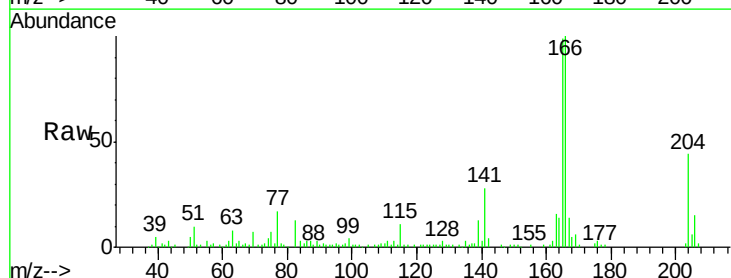
RT: 10.18 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF088288.D

Acq: 23 Jun 2016 11:19

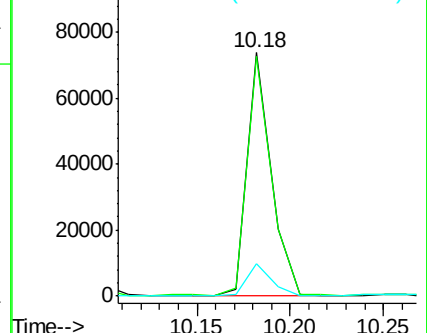
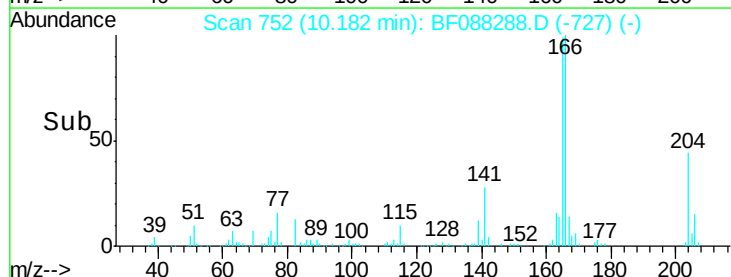
Tgt Ion:166	Resp:	66732
Ion Ratio	Lower	Upper
166	100	
165	98.6	77.8 116.8
167	13.5	11.2 16.8

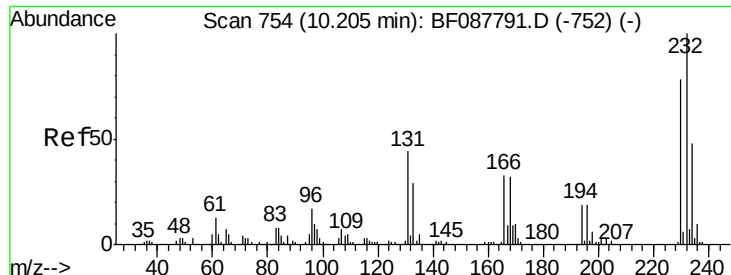


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

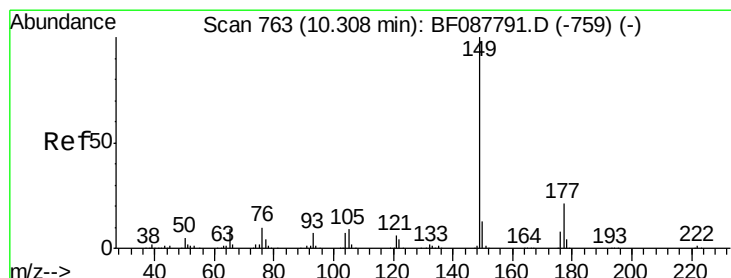
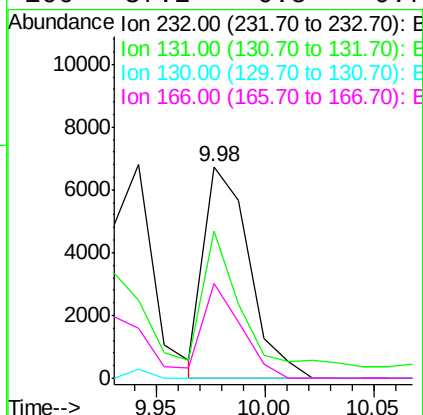
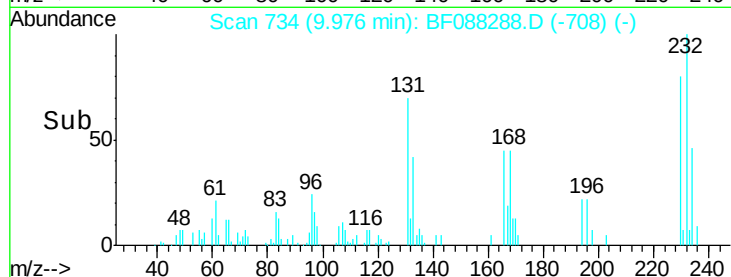
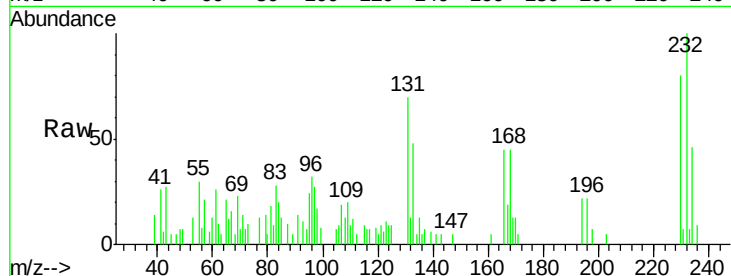




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 16.72 ng
 RT: 9.98 min Scan# 734
 Delta R.T. 0.00 min
 Lab File: BF088288.D
 Acq: 23 Jun 2016 11:19

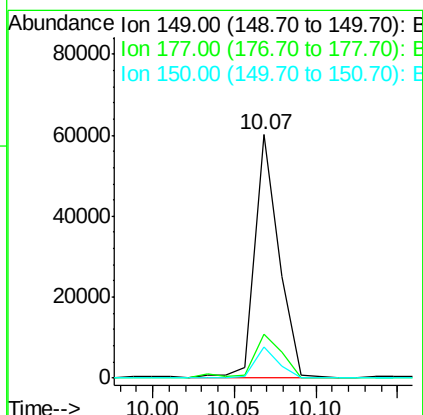
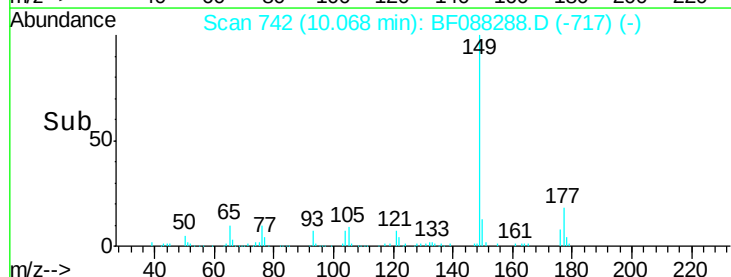
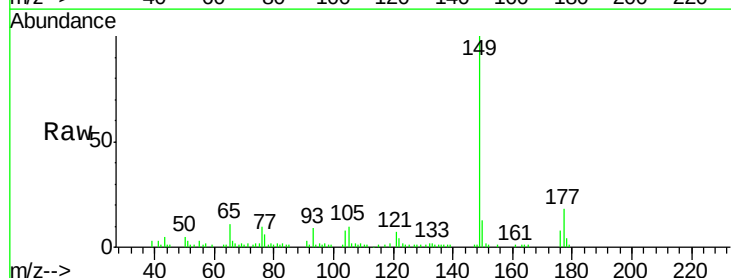
Instrument :
 BNA_F
 ClientSampleId :

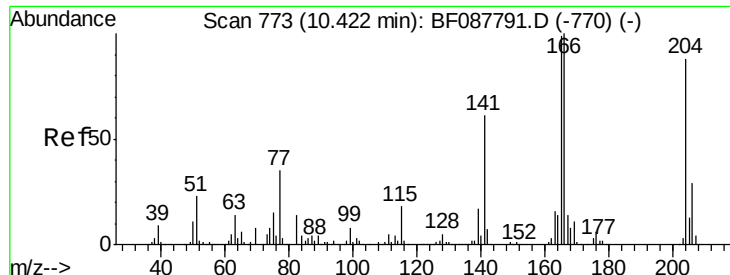
Tot Ion:232 Resp: 9749
 Ion Ratio Lower Upper
 232 100
 131 54.7 0.9 1.3#
 130 0.0 1.5 2.3#
 166 37.2 0.5 0.7#



#59
 Diethylphthalate
 Concen: 23.69 ng
 RT: 10.07 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF088288.D
 Acq: 23 Jun 2016 11:19

Tgt Ion:149 Resp: 61947
 Ion Ratio Lower Upper
 149 100
 177 18.2 16.9 25.3
 150 12.8 10.1 15.1

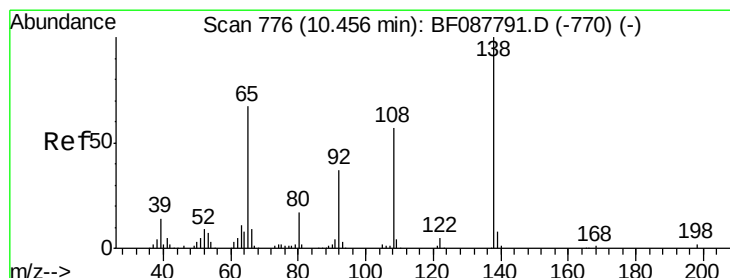
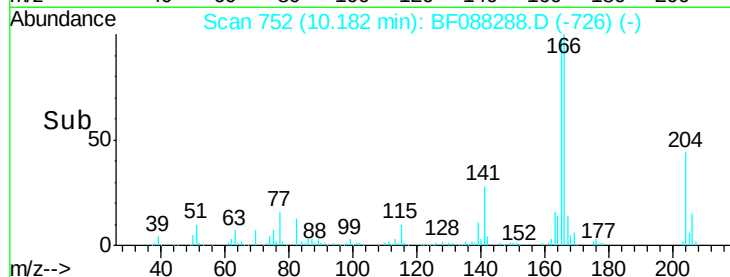
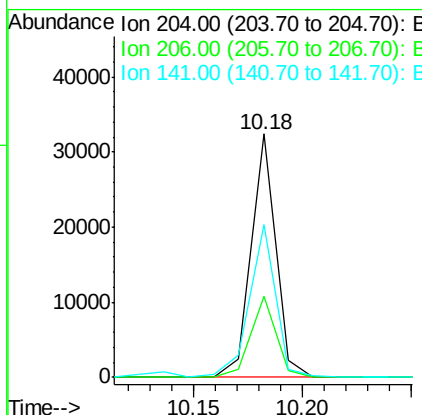
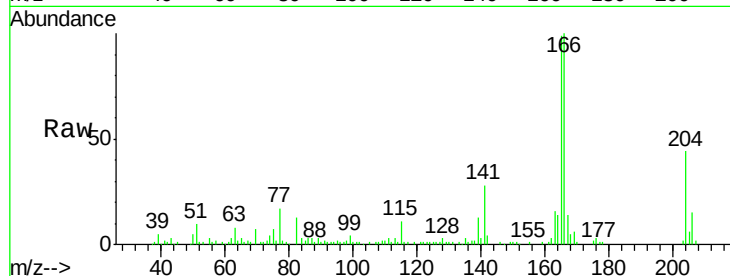




#60
4-Chlorophenyl-phenylether
Concen: 24.35 ng
RT: 10.18 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF088288.D
Acq: 23 Jun 2016 11:19

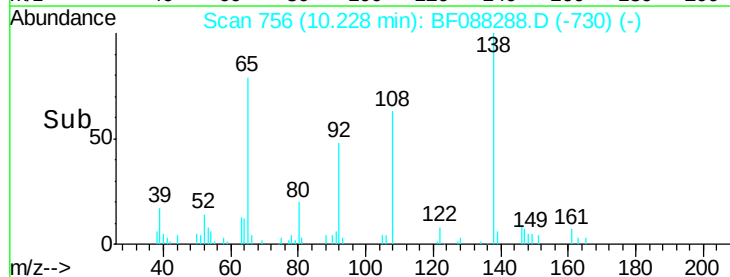
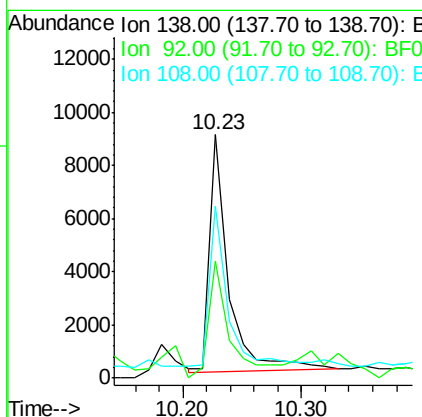
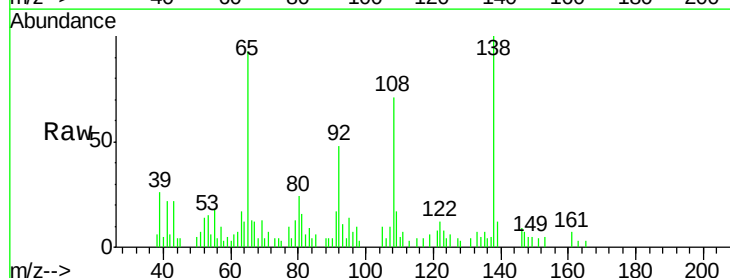
Instrument :
BNA_F
ClientSampled :

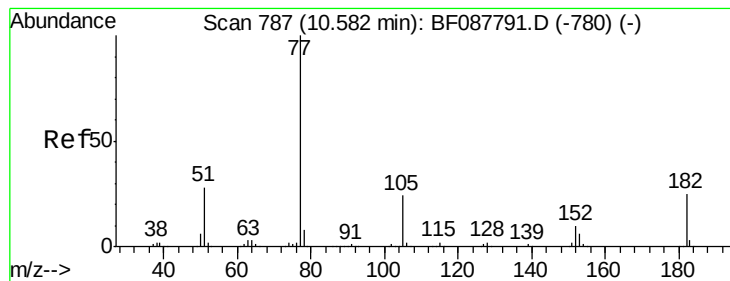
Tot Ion:204 Resp: 25530
Ion Ratio Lower Upper
204 100
206 33.0 26.3 39.5
141 62.8 55.0 82.6



#61
4-Nitroaniline
Concen: 15.46 ng
RT: 10.23 min Scan# 756
Delta R.T. 0.00 min
Lab File: BF088288.D
Acq: 23 Jun 2016 11:19

Tgt Ion:138 Resp: 10008
Ion Ratio Lower Upper
138 100
92 48.1 27.3 67.3
108 70.7 46.7 86.7





#62

Azobenzene

Concen: 19.38 ng

RT: 10.34 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF088288.D

Acq: 23 Jun 2016 11:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 50116

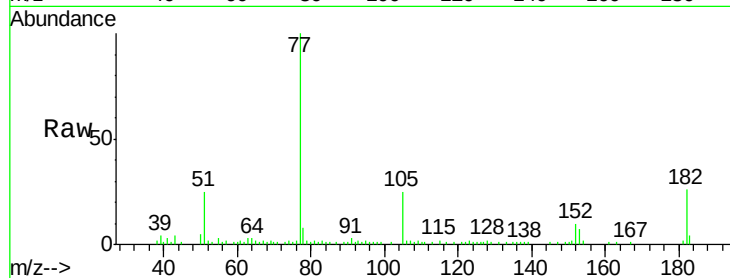
Ion Ratio Lower Upper

77 100

182 26.0 4.4 44.4

105 24.9 3.8 43.8

51 24.6 9.3 49.3

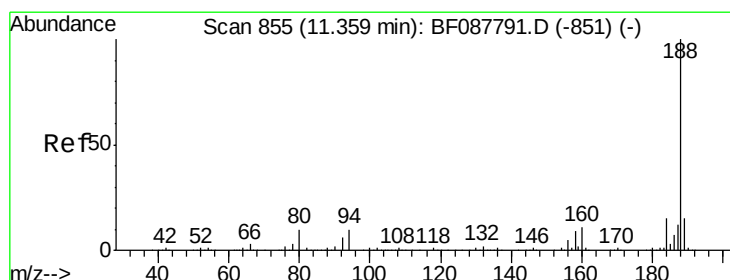
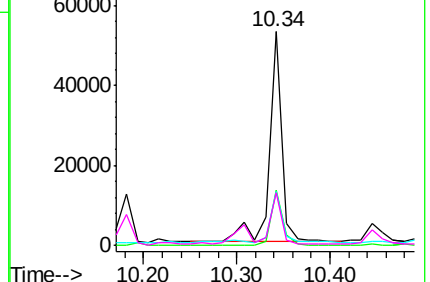
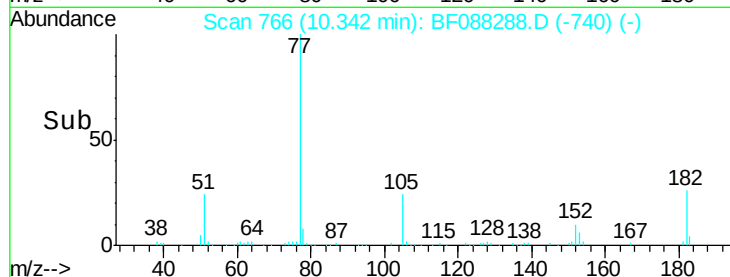


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF088288.D

Acq: 23 Jun 2016 11:19

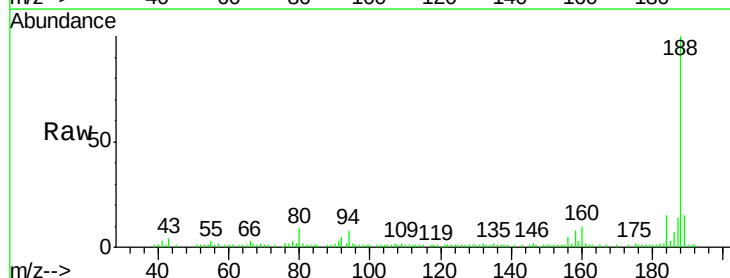
Tgt Ion: 188 Resp: 56189

Ion Ratio Lower Upper

188 100

94 8.4 9.0 13.6#

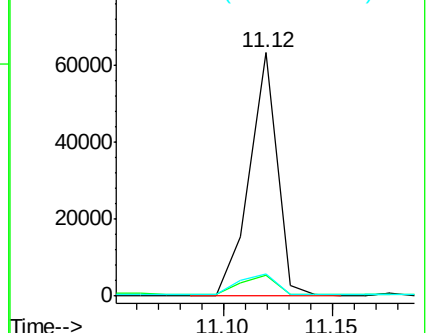
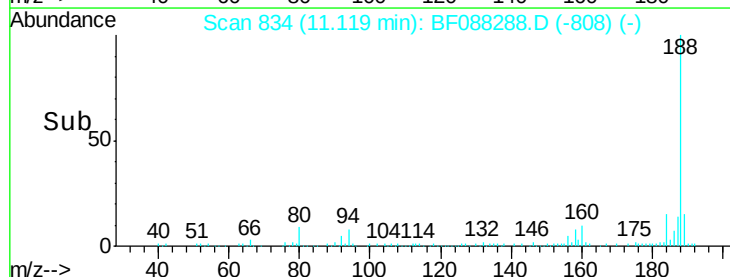
80 9.1 10.0 15.0#

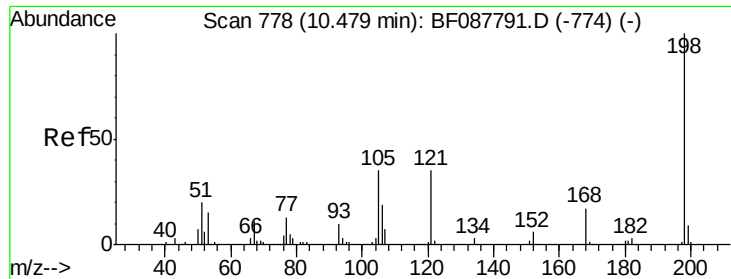


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

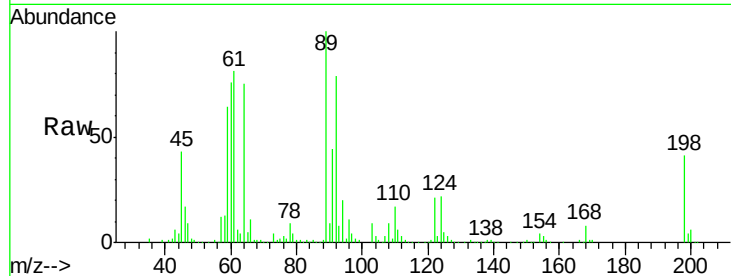




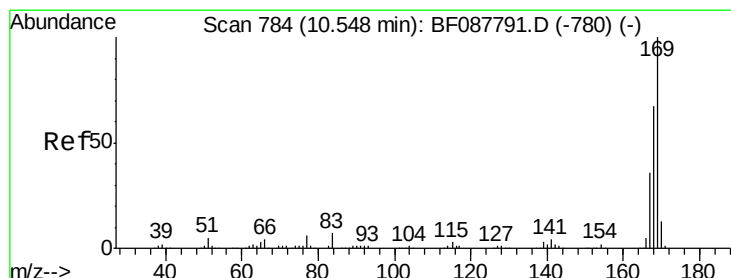
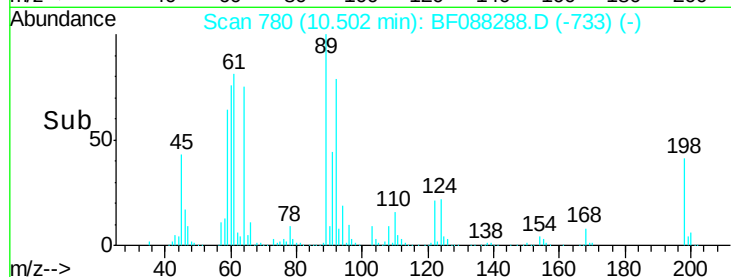
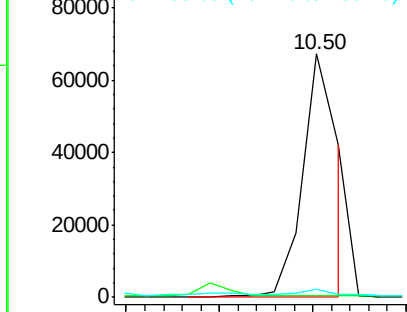
#64
4,6-Dinitro-2-methylphenol
Concen: 244.12 ng
RT: 10.50 min Scan# 780
Delta R.T. 0.24 min
Lab File: BF088288.D
Acq: 23 Jun 2016 11:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 88881
Ion Ratio Lower Upper
198 100
51 0.5 39.6 79.6#
105 3.2 36.6 76.6#

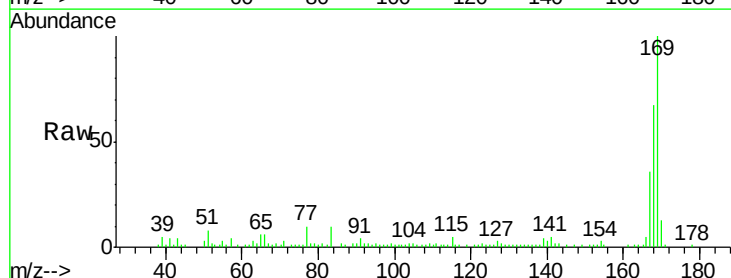


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

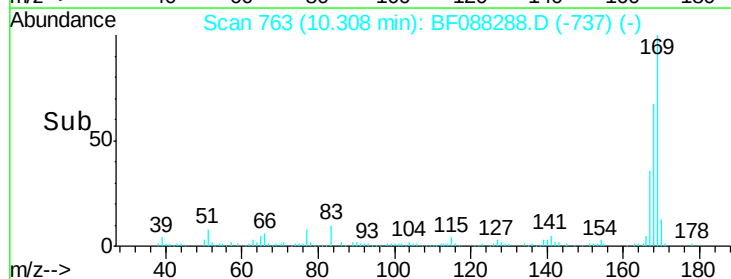
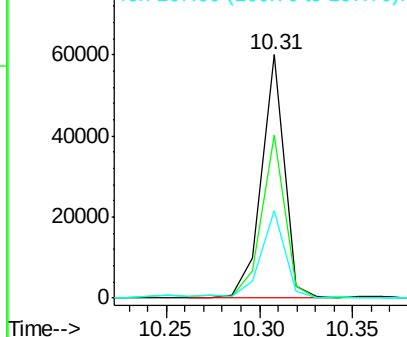


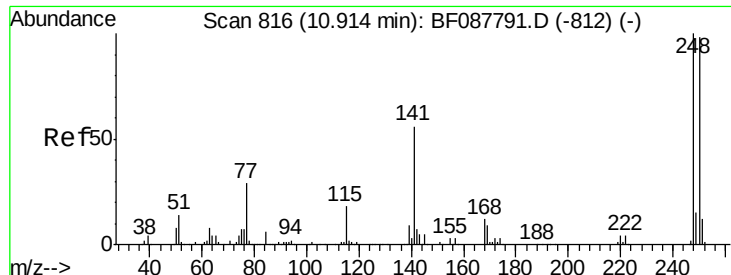
#65
n-Nitrosodiphenylamine
Concen: 27.18 ng
RT: 10.31 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF088288.D
Acq: 23 Jun 2016 11:19

Tgt Ion:169 Resp: 50683
Ion Ratio Lower Upper
169 100
168 66.8 53.4 80.0
167 35.8 29.4 44.0



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

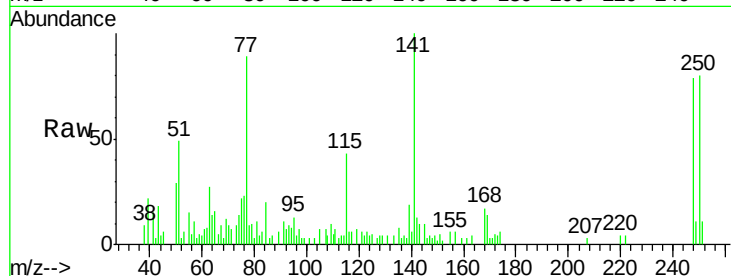




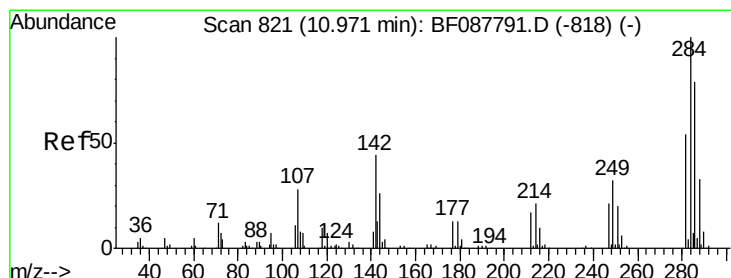
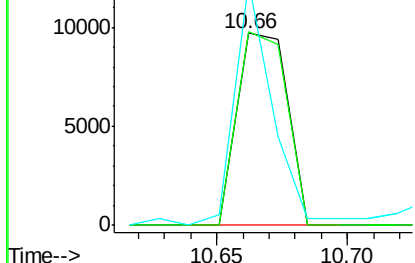
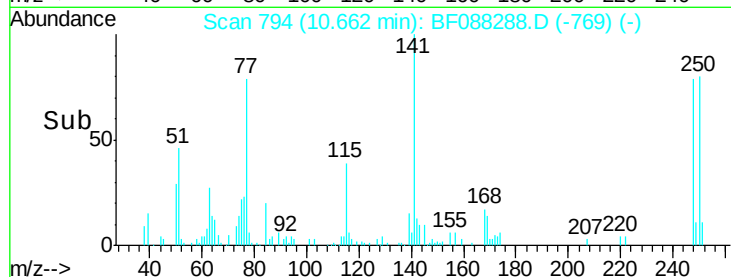
#66
 4-Bromophenyl-phenylether
 Concen: 21.75 ng
 RT: 10.66 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF088288.D
 Acq: 23 Jun 2016 11:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 13112
 Ion Ratio Lower Upper
 248 100
 250 100.9 77.1 115.7
 141 126.6 50.6 76.0#

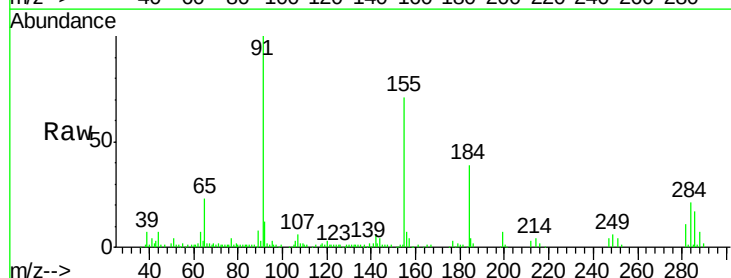


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

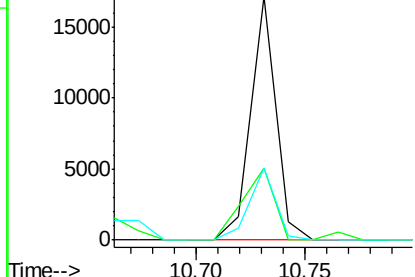
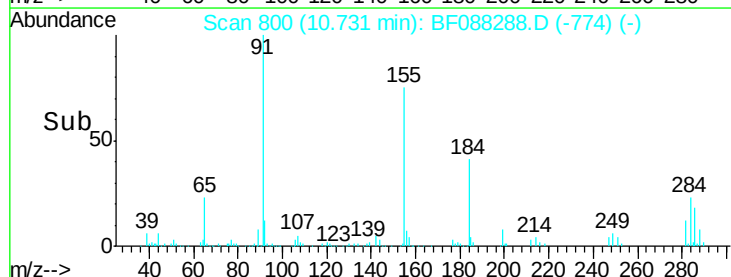


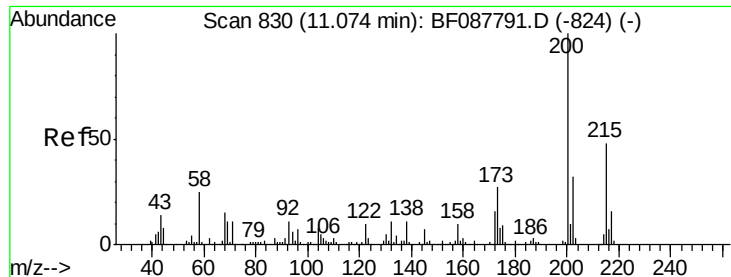
#67
 Hexachlorobenzene
 Concen: 21.96 ng
 RT: 10.73 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF088288.D
 Acq: 23 Jun 2016 11:19

Tgt Ion:284 Resp: 13756
 Ion Ratio Lower Upper
 284 100
 142 29.6 35.8 53.8#
 249 29.7 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: 11.03 ng

RT: 10.84 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF088288.D

Acq: 23 Jun 2016 11:19

Instrument :
BNA_F
ClientSampleId :

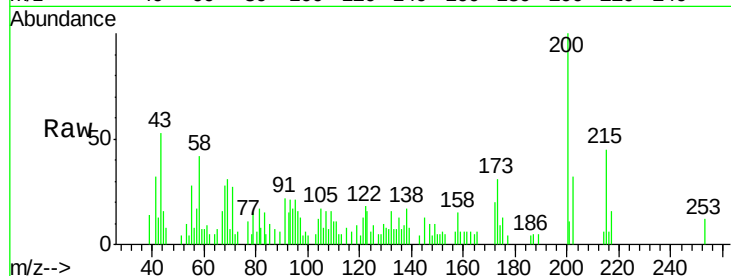
Tot Ion:200 Resp: 6229

Ion Ratio Lower Upper

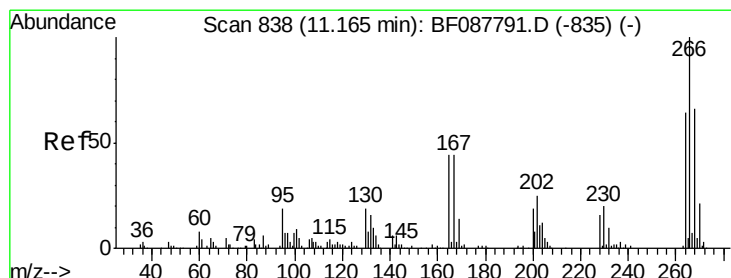
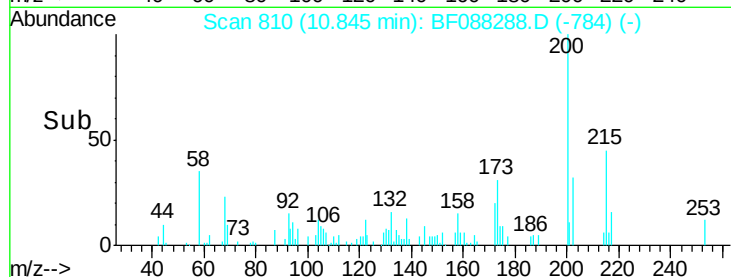
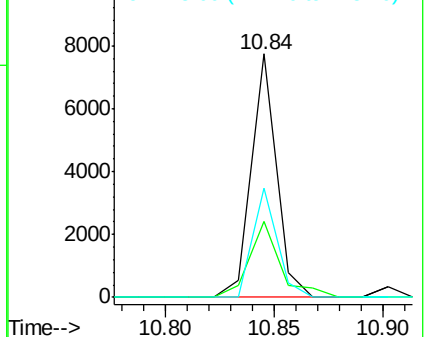
200 100

173 31.3 4.0 44.0

215 44.9 29.3 69.3



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



#69

Pentachlorophenol

Concen: 27.02 ng

RT: 10.94 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF088288.D

Acq: 23 Jun 2016 11:19

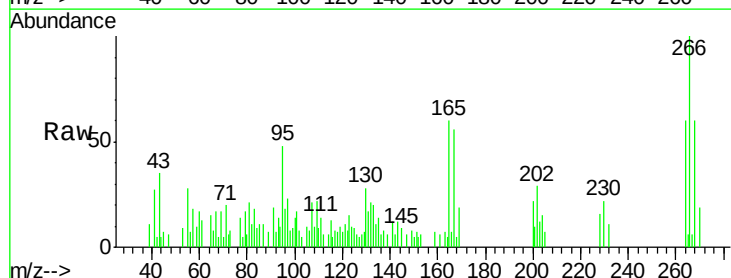
Tgt Ion:266 Resp: 8921

Ion Ratio Lower Upper

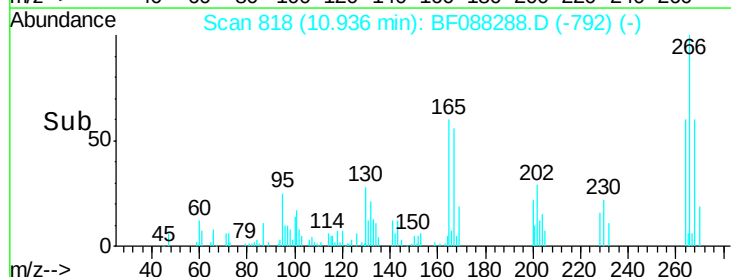
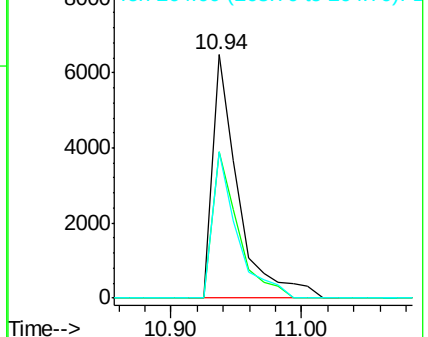
266 100

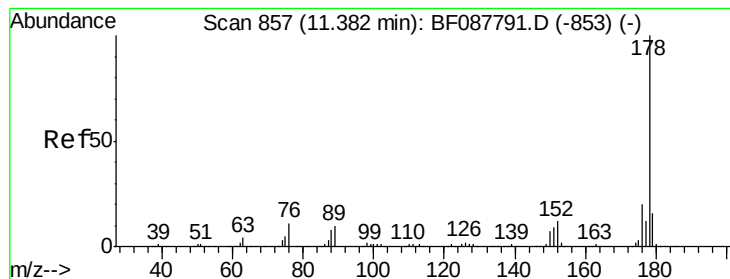
268 59.9 52.8 79.2

264 60.1 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: 23.60 ng

RT: 11.14 min Scan# 836

Delta R.T. 0.00 min

Lab File: BF088288.D

Acq: 23 Jun 2016 11:19

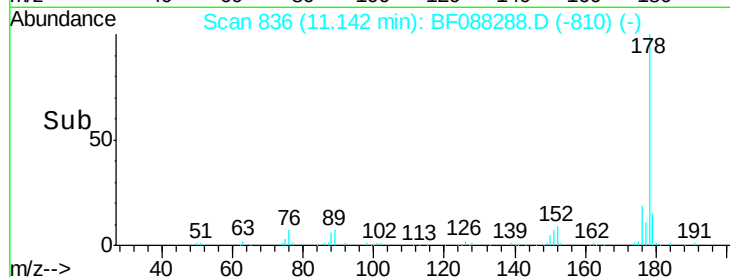
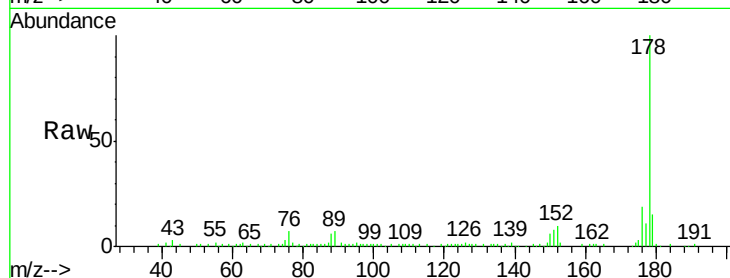
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 69592

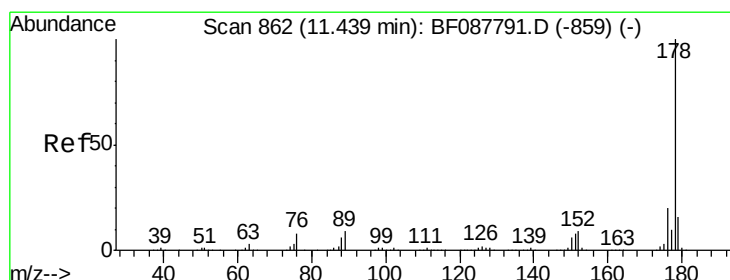
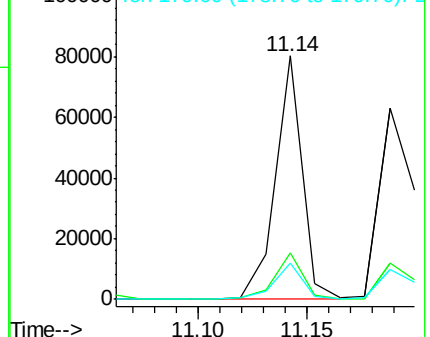
Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.6
179	14.9	13.0	19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 24.14 ng

RT: 11.19 min Scan# 840

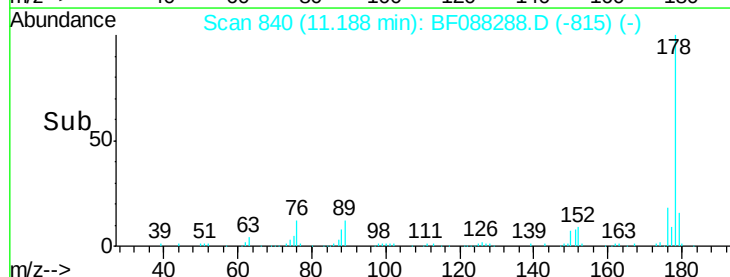
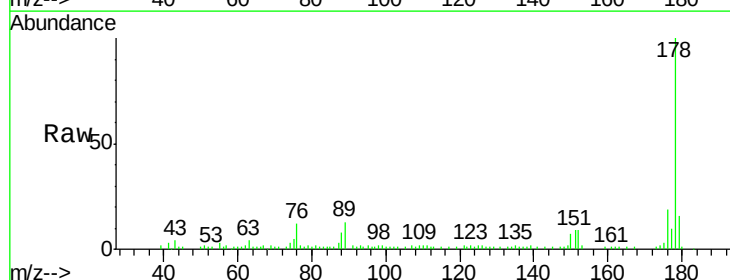
Delta R.T. -0.01 min

Lab File: BF088288.D

Acq: 23 Jun 2016 11:19

Tgt Ion:178 Resp: 71801

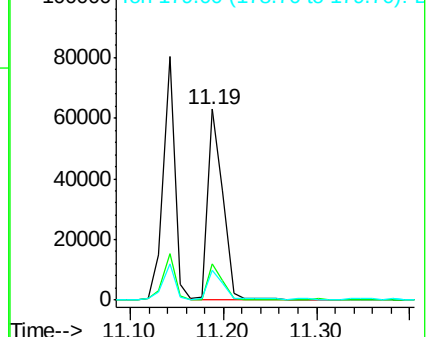
Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.6	23.4
179	15.8	12.8	19.2

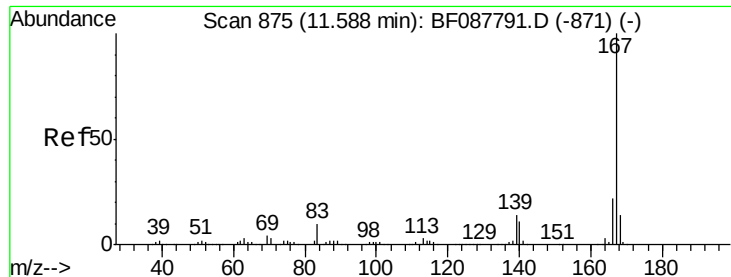


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 24.45 ng

RT: 11.36 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF088288.D

Acq: 23 Jun 2016 11:19

Instrument :

BNA_F

ClientSampleId :

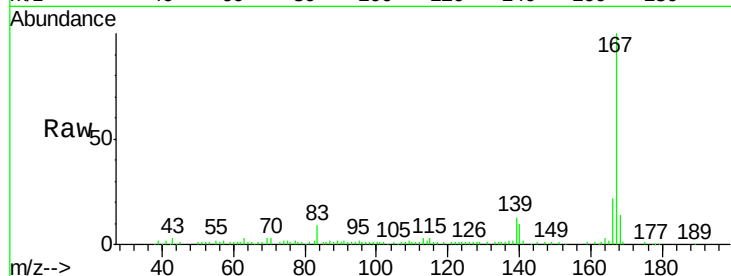
Tot Ion:167 Resp: 68038

Ion Ratio Lower Upper

167 100

166 21.7 17.8 26.6

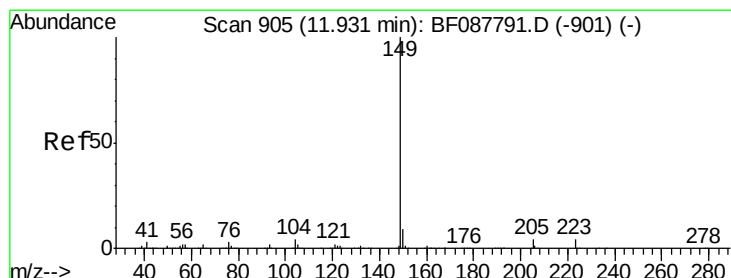
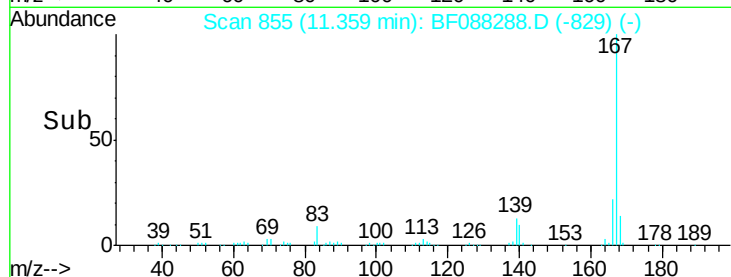
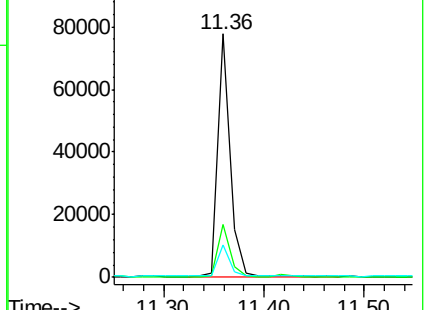
139 13.3 11.2 16.8



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: 26.45 ng

RT: 11.69 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF088288.D

Acq: 23 Jun 2016 11:19

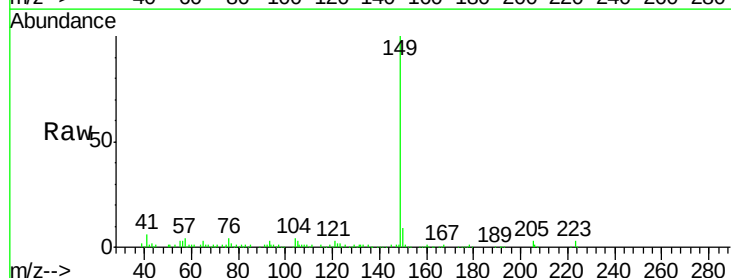
Tgt Ion:149 Resp: 93177

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

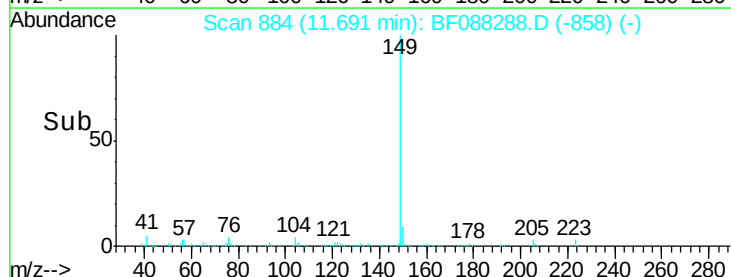
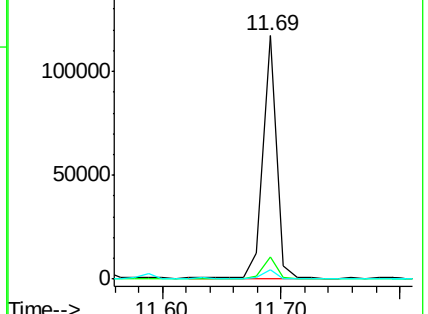
104 4.1 4.0 6.0

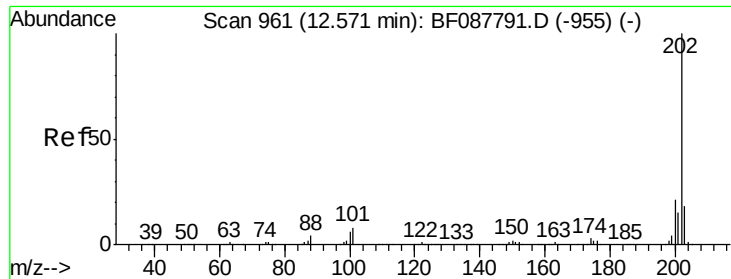


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

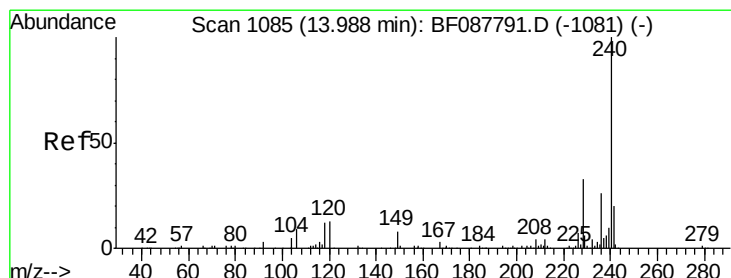
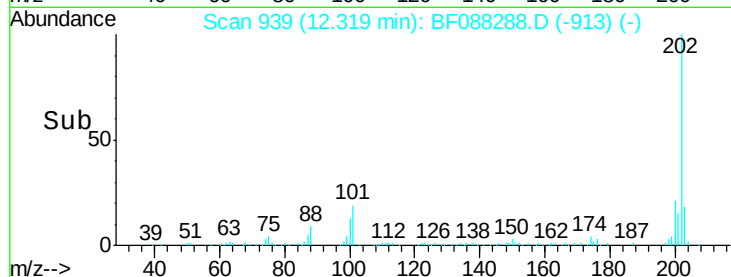
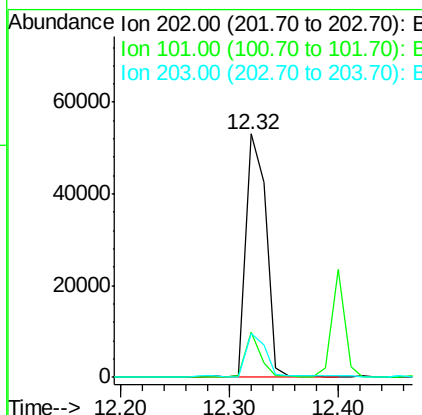
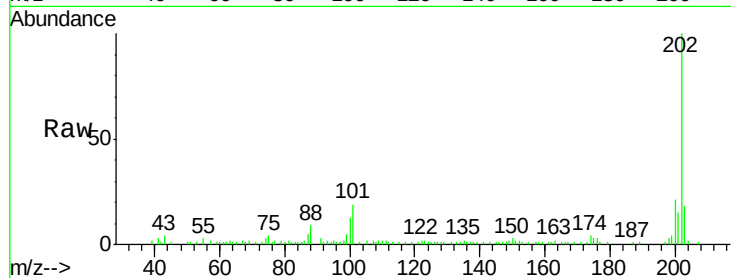




#74
Fluoranthene
Concen: 21.93 ng
RT: 12.32 min Scan# 939
Delta R.T. 0.00 min
Lab File: BF088288.D
Acq: 23 Jun 2016 11:19

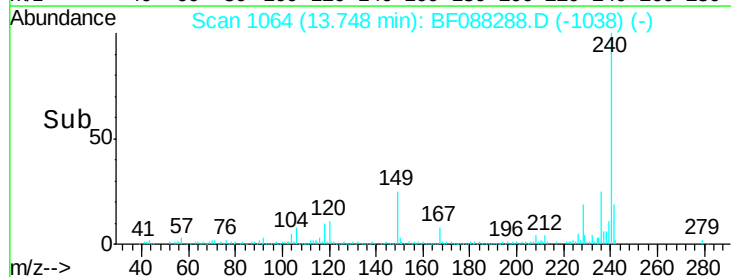
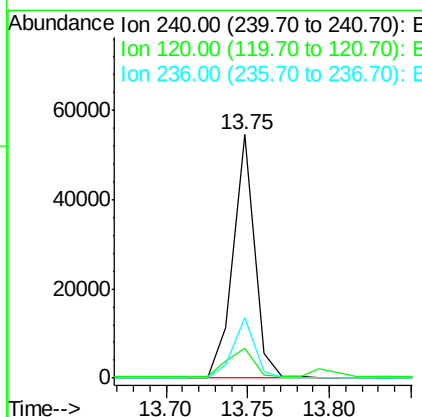
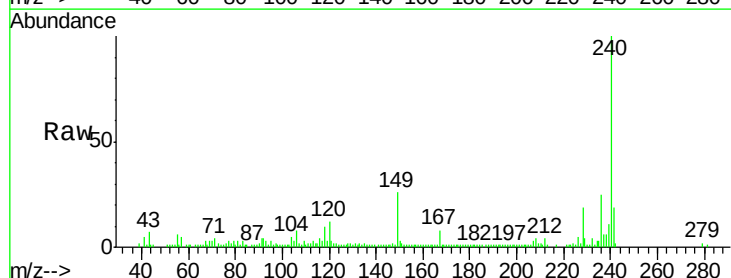
Instrument :
BNA_F
ClientSampleId :

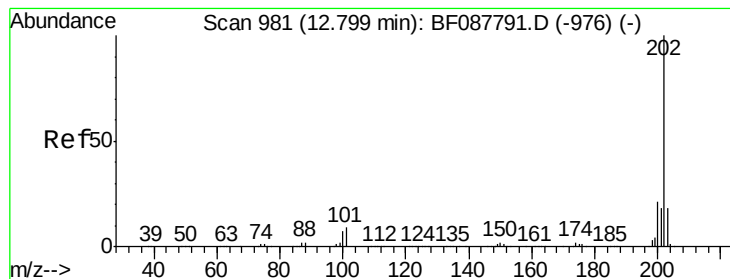
Tot Ion:202 Resp: 68240
Ion Ratio Lower Upper
202 100
101 18.5 0.0 33.1
203 18.3 0.0 38.1



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF088288.D
Acq: 23 Jun 2016 11:19

Tgt Ion:240 Resp: 49674
Ion Ratio Lower Upper
240 100
120 12.1 6.8 10.2#
236 25.0 20.2 30.2





#77

Pvrene

Concen: 20.07 ng

RT: 12.55 min Scan# 959

Delta R.T. 0.00 min

Lab File: BF088288.D

Acq: 23 Jun 2016 11:19

Instrument :

BNA_F

ClientSampleId :

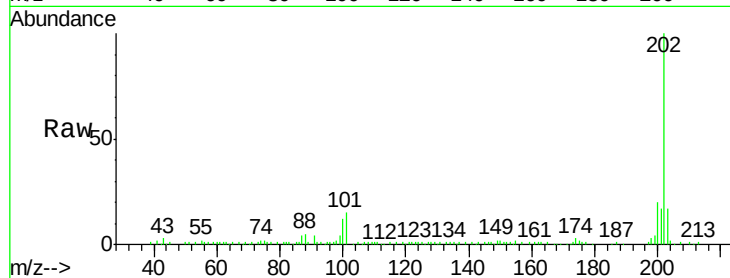
Tot Ion:202 Resp: 73987

Ion Ratio Lower Upper

202 100

200 20.1 17.4 26.2

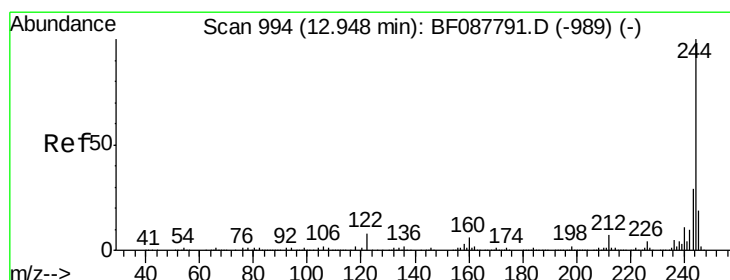
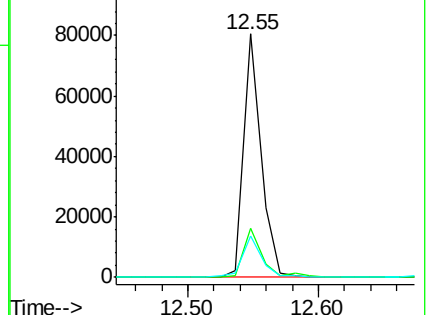
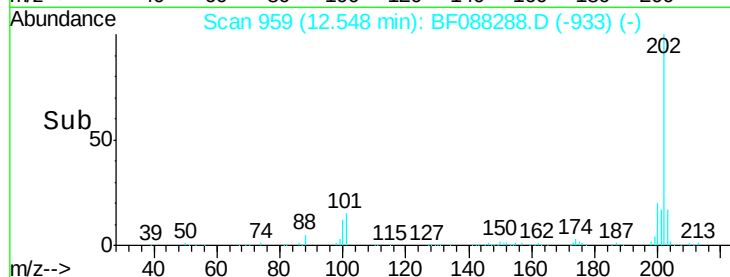
203 17.0 14.5 21.7



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: 20.37 ng

RT: 12.70 min Scan# 972

Delta R.T. 0.00 min

Lab File: BF088288.D

Acq: 23 Jun 2016 11:19

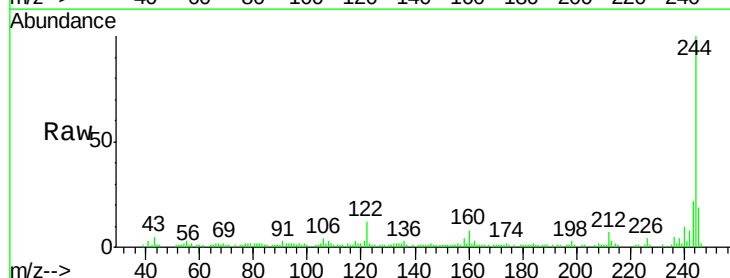
Tgt Ion:244 Resp: 44468

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

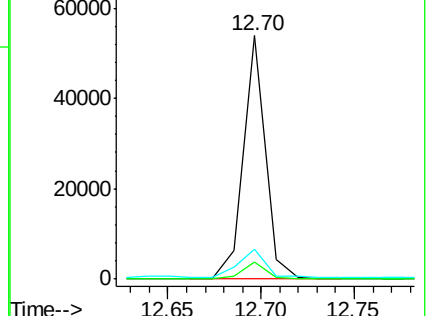
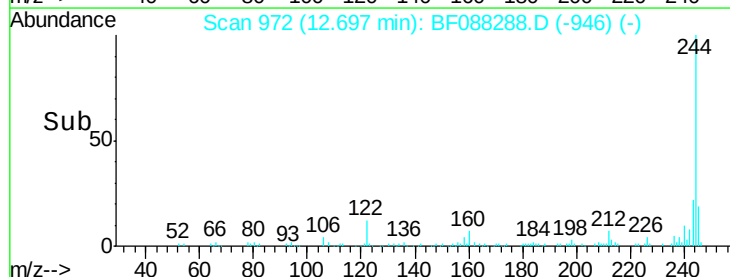
122 12.4 11.2 16.8

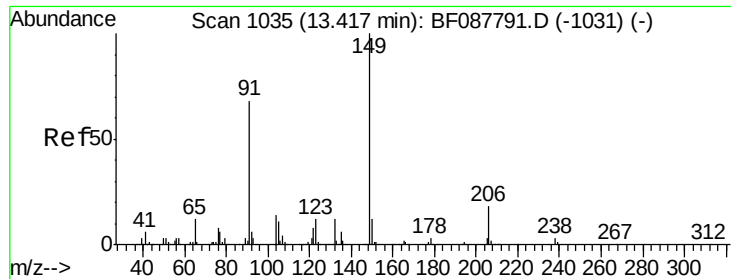


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

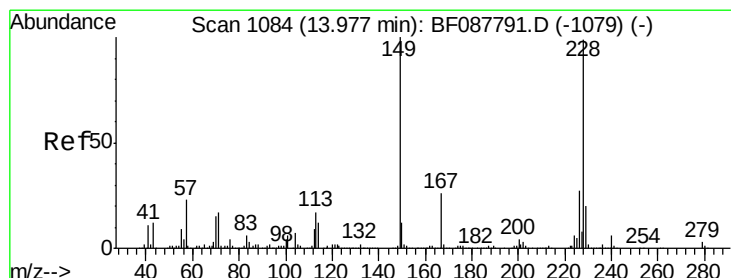
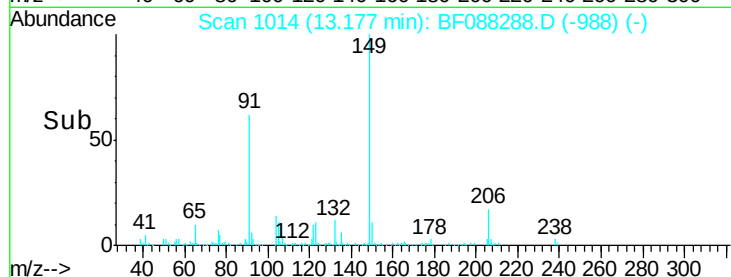
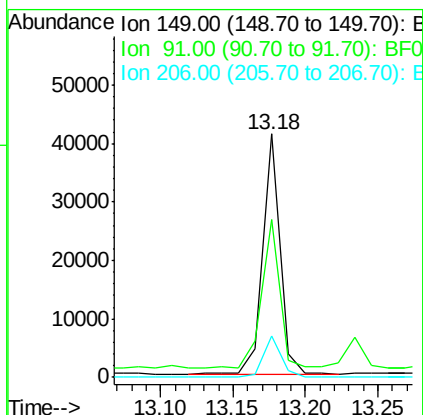
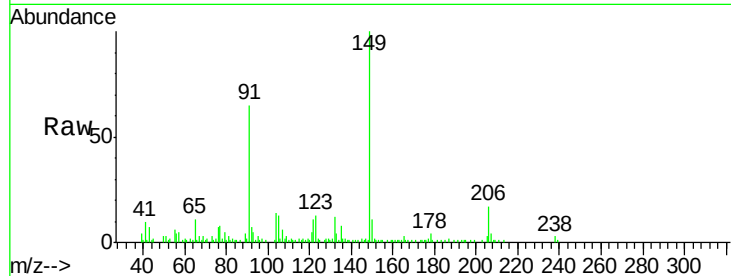




#79
Butylbenzylphthalate
Concen: 20.99 ng
RT: 13.18 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF088288.D
Acq: 23 Jun 2016 11:19

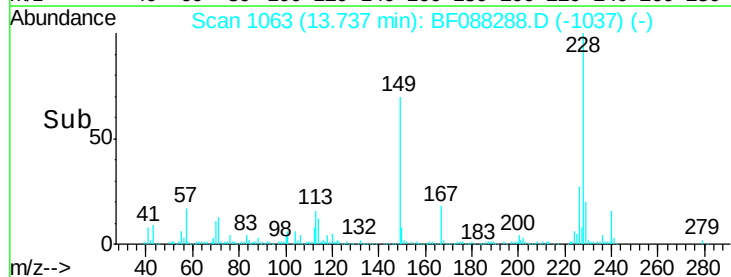
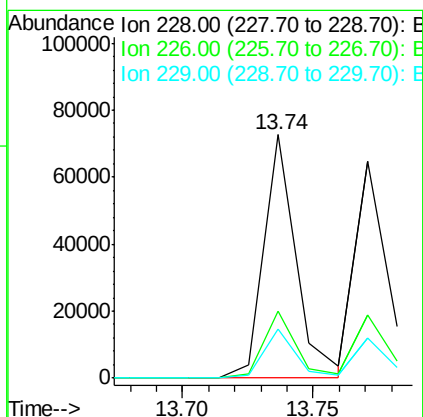
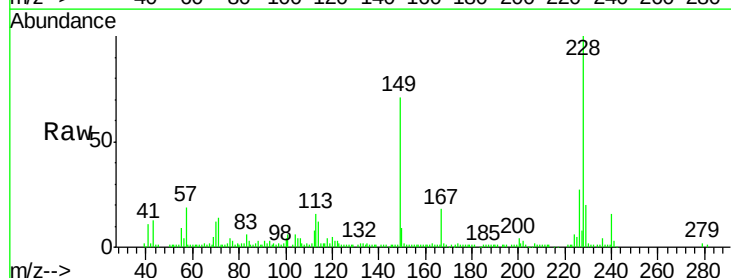
Instrument :
BNA_F
ClientSampled :

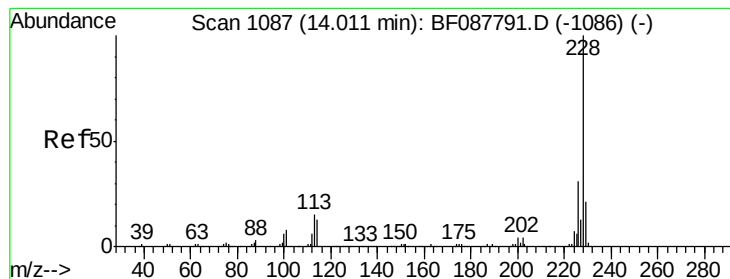
Tot Ion:149 Resp: 34210
Ion Ratio Lower Upper
149 100
91 64.7 48.0 72.0
206 17.1 16.0 24.0



#80
Benzo(a)anthracene
Concen: 21.88 ng
RT: 13.74 min Scan# 1063
Delta R.T. 0.00 min
Lab File: BF088288.D
Acq: 23 Jun 2016 11:19

Tgt Ion:228 Resp: 61929
Ion Ratio Lower Upper
228 100
226 27.3 22.3 33.5
229 20.0 16.0 24.0





#82

Chrysene

Concen: 21.58 ng

RT: 13.77 min Scan# 1066

Delta R.T. 0.00 min

Lab File: BF088288.D

Acq: 23 Jun 2016 11:19

Instrument :

BNA_F

ClientSampleId :

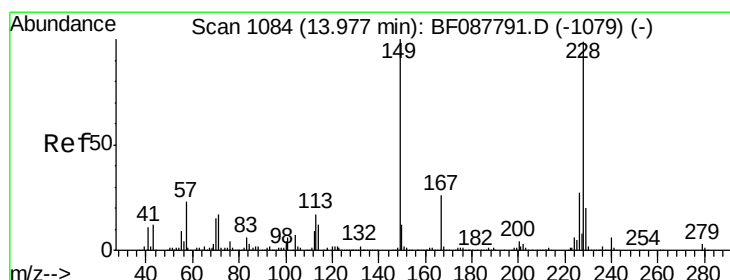
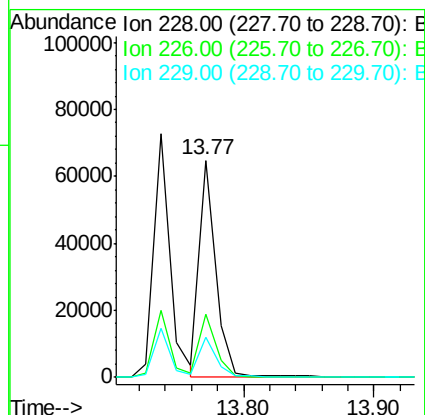
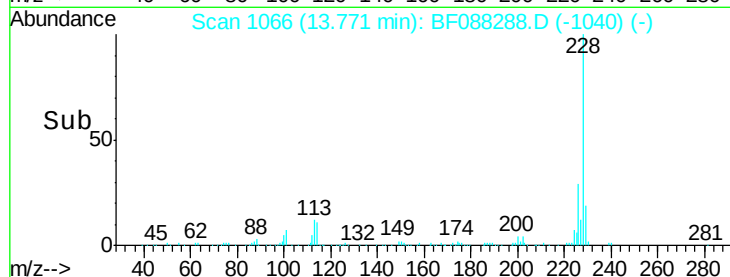
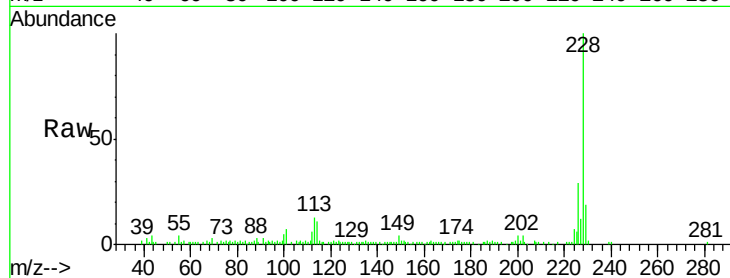
Tot Ion:228 Resp: 57466

Ion Ratio Lower Upper

228 100

226 28.8 25.4 38.2

229 18.7 16.3 24.5



#83

Bis(2-ethylhexyl)phthalate

Concen: 24.43 ng

RT: 13.74 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BF088288.D

Acq: 23 Jun 2016 11:19

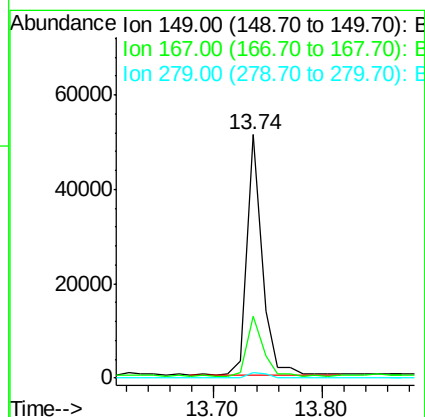
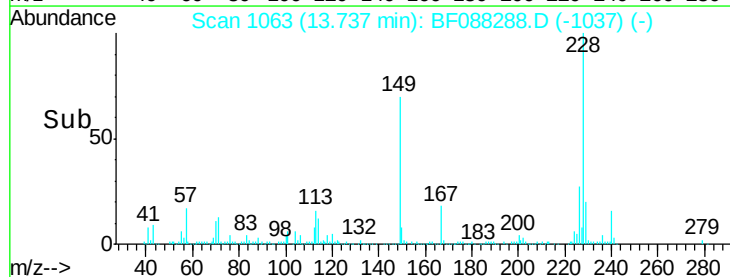
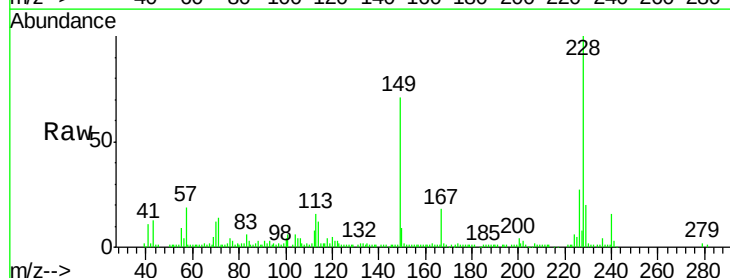
Tgt Ion:149 Resp: 48460

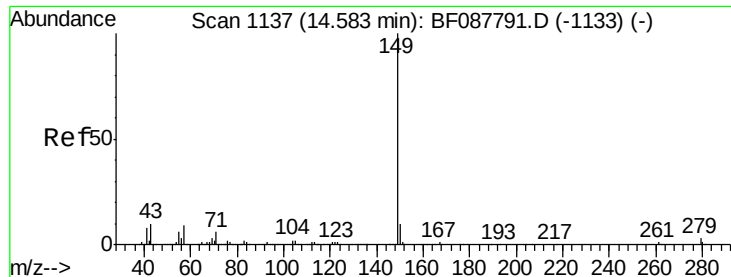
Ion Ratio Lower Upper

149 100

167 25.5 20.5 30.7

279 2.2 2.0 3.0

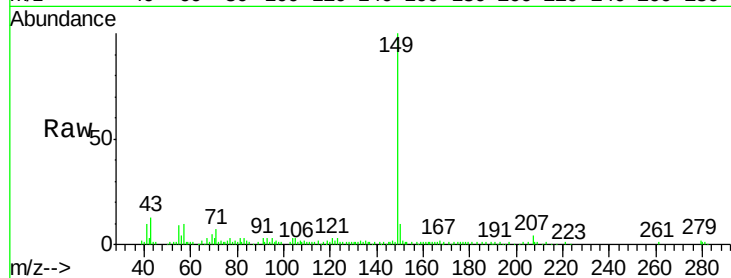




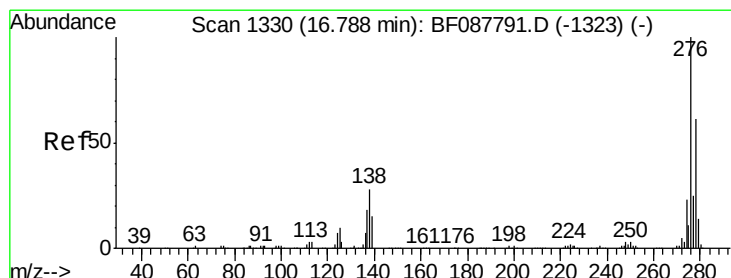
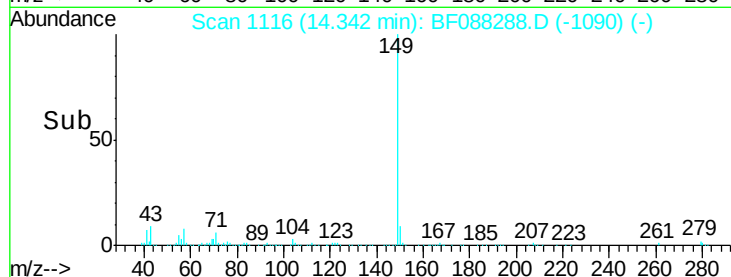
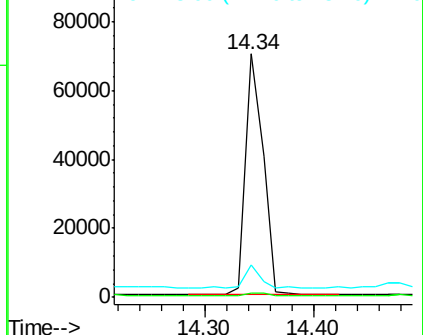
#84
Di-n-octyl phthalate
Concen: 24.30 ng
RT: 14.34 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BF088288.D
Acq: 23 Jun 2016 11:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 78347
Ion Ratio Lower Upper
149 100
167 1.9 0.0 0.0#
43 8.3 0.0 0.0#

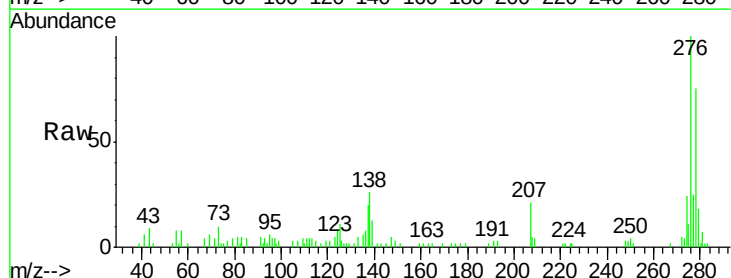


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

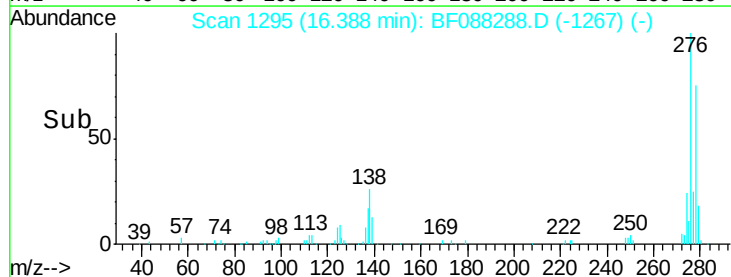
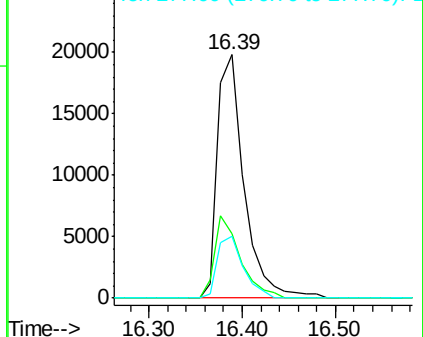


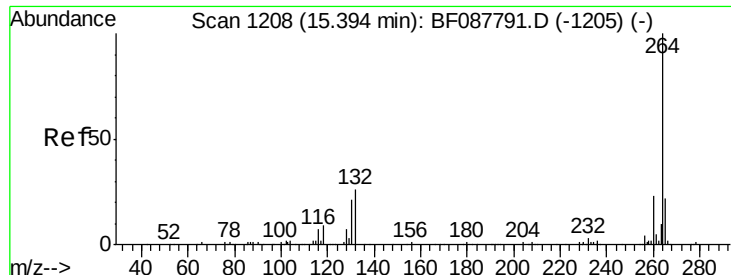
#85
Indeno(1,2,3-cd)pyrene
Concen: 15.86 ng
RT: 16.39 min Scan# 1295
Delta R.T. 0.02 min
Lab File: BF088288.D
Acq: 23 Jun 2016 11:19

Tgt Ion:276 Resp: 39239
Ion Ratio Lower Upper
276 100
138 32.5 0.0 0.0#
277 25.1 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

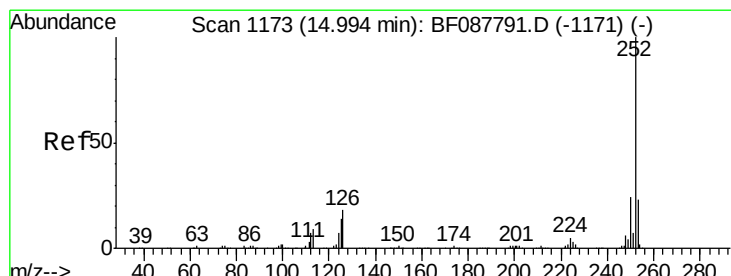
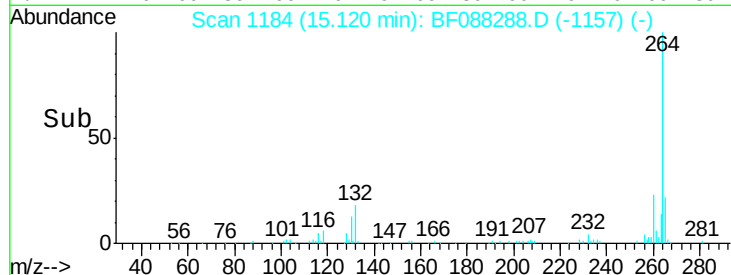
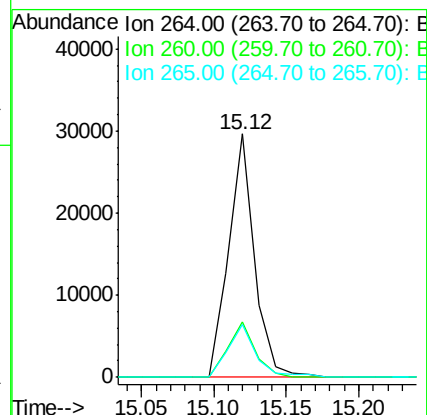
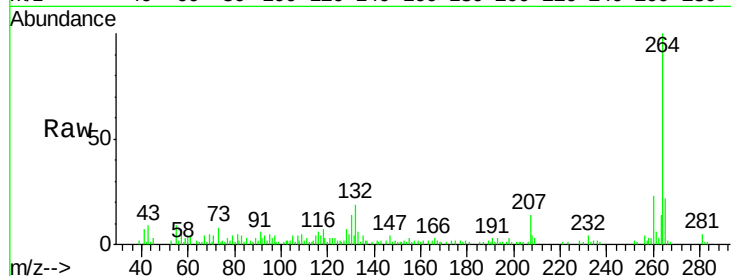




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.12 min Scan# 1184
Delta R.T. 0.01 min
Lab File: BF088288.D
Acq: 23 Jun 2016 11:19

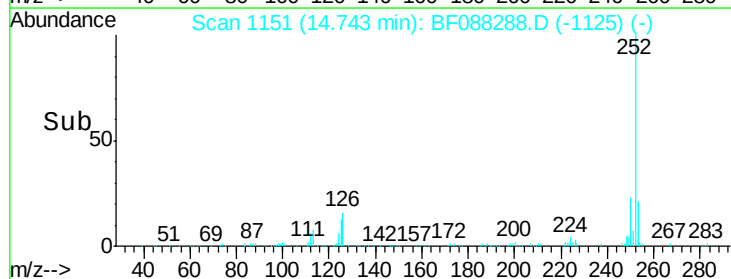
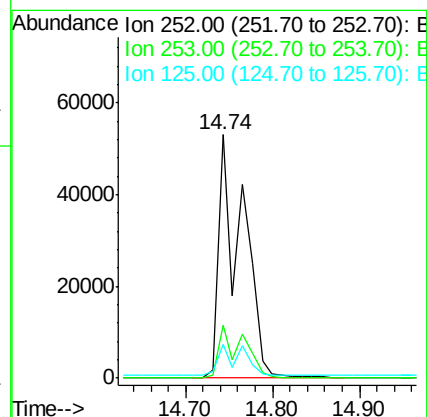
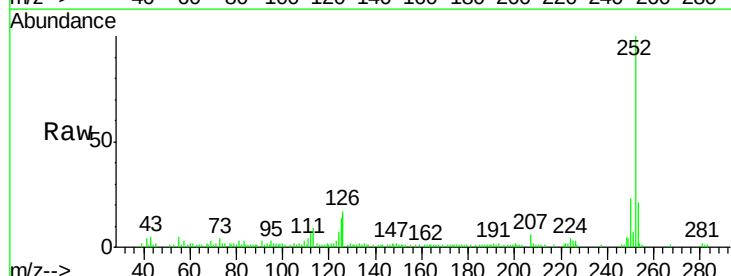
Instrument :
BNA_F
ClientSampleId :

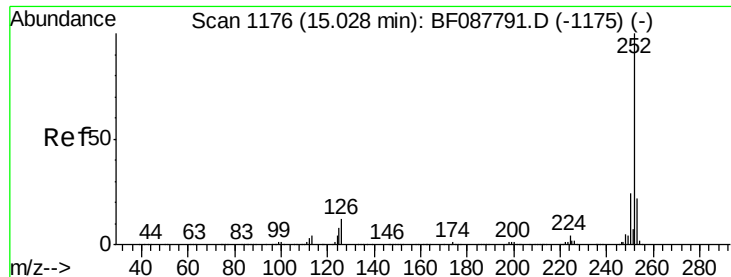
Tot Ion:264 Resp: 36588
Ion Ratio Lower Upper
264 100
260 22.8 19.2 28.8
265 22.0 16.9 25.3



#87
Benzo(b)fluoranthene
Concen: 39.50 ng
RT: 14.74 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF088288.D
Acq: 23 Jun 2016 11:19

Tgt Ion:252 Resp: 100734
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.2
125 13.7 7.1 10.7#





#88

Benzo(k)fluoranthene

Concen: 52.36 ng

RT: 14.74 min Scan# 1151

Delta R.T. -0.02 min

Lab File: BF088288.D

Acq: 23 Jun 2016 11:19

Instrument :

BNA_F

ClientSampleId :

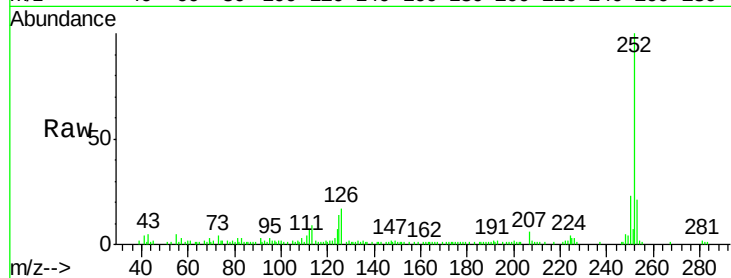
Tot Ion:252 Resp: 100734

Ion Ratio Lower Upper

252 100

253 21.5 18.0 27.0

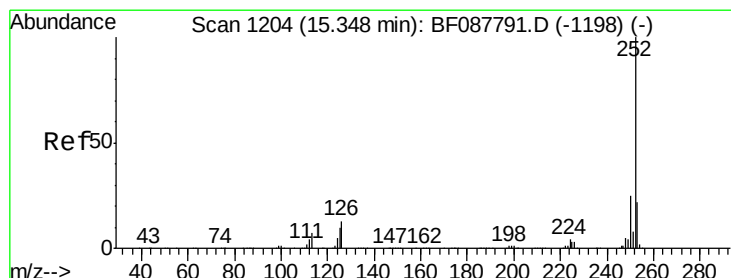
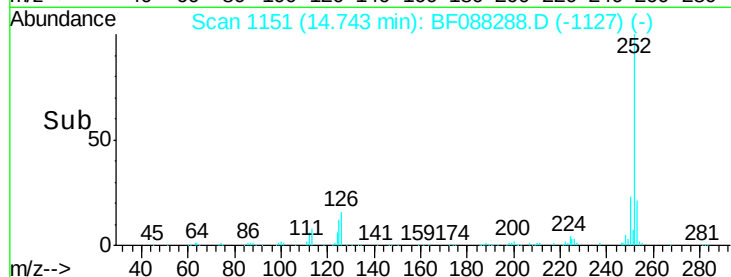
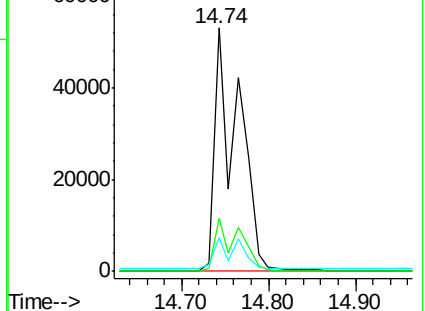
125 13.7 11.2 16.8



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: 20.84 ng

RT: 15.06 min Scan# 1179

Delta R.T. 0.01 min

Lab File: BF088288.D

Acq: 23 Jun 2016 11:19

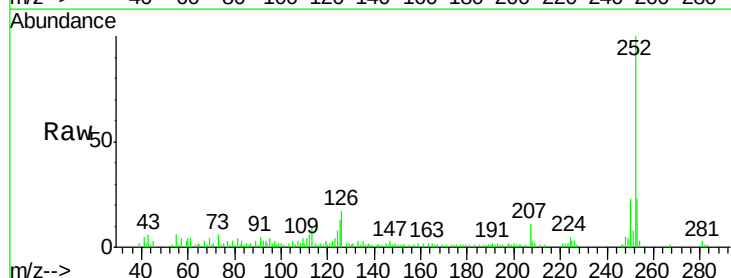
Tgt Ion:252 Resp: 43004

Ion Ratio Lower Upper

252 100

253 22.5 17.9 26.9

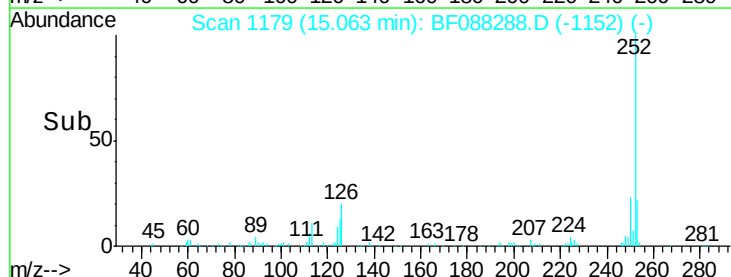
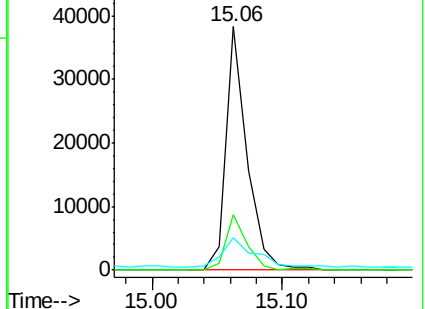
125 13.3 12.5 18.7

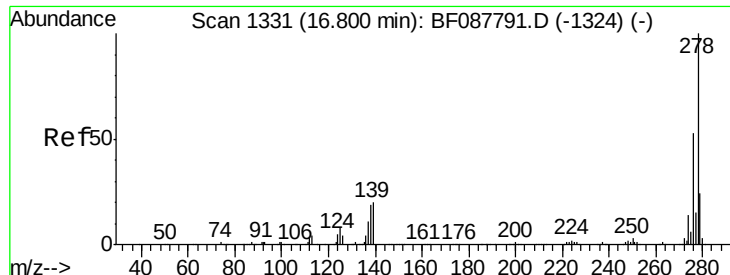


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

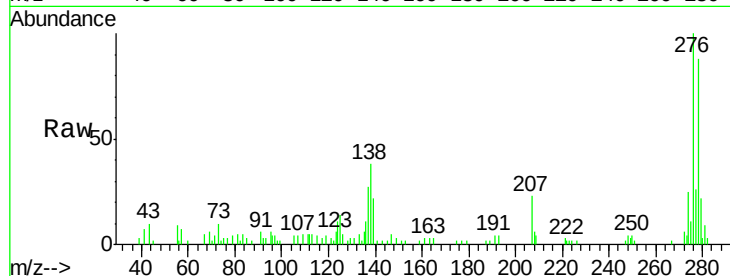




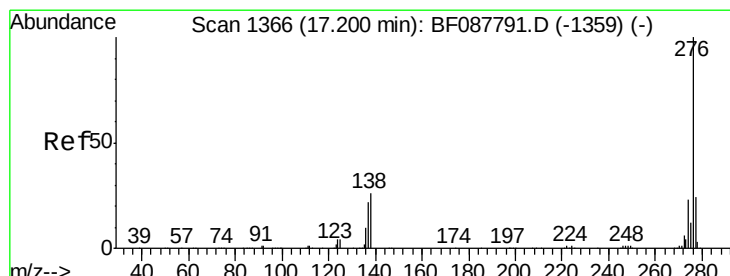
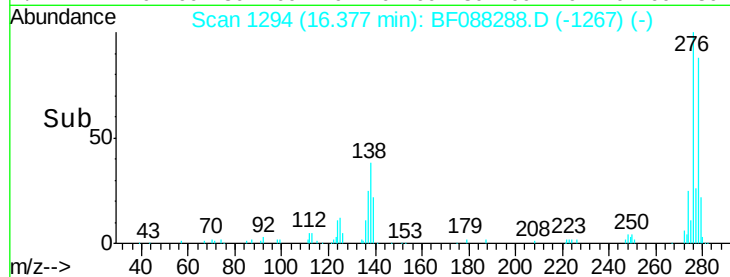
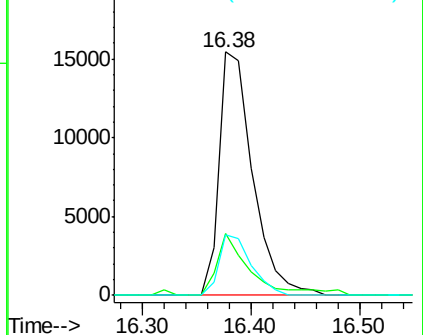
#90
Dibenzo(a,h)anthracene
Concen: 17.21 ng
RT: 16.38 min Scan# 1294
Delta R.T. 0.01 min
Lab File: BF088288.D
Acq: 23 Jun 2016 11:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 32981
Ion Ratio Lower Upper
278 100
139 25.3 15.7 23.5#
279 24.8 19.4 29.2

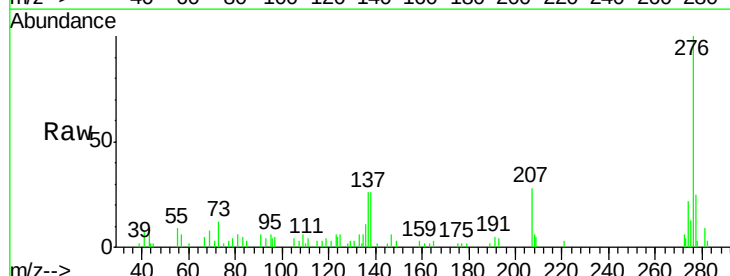


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 16.05 ng
RT: 16.77 min Scan# 1328
Delta R.T. 0.02 min
Lab File: BF088288.D
Acq: 23 Jun 2016 11:19

Tgt Ion:276 Resp: 31642
Ion Ratio Lower Upper
276 100
277 25.5 18.9 28.3
138 25.9 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

