

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061416\
 Data File : BF088029.D
 Acq On : 15 Jun 2016 6:16
 Operator : UM/SJ
 Sample : H3425-07MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MSD

Quant Time: Jun 15 07:21:19 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 15 04:08:24 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	119875	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	467063	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	203240	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	331025	20.00	ng	0.00
75) Chrysene-d12	13.94	240	271636	20.00	ng	0.00
86) Perylene-d12	15.35	264	215275	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	459172	65.48	ng	0.01
7) Phenol-d6	6.42	99	333720	39.27	ng	0.00
23) Nitrobenzene-d5	7.36	82	712644	89.10	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	192568	89.73	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1041452	80.18	ng	0.00
78) Terphenyl-d14	12.89	244	801332	67.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	56968	16.72	ng	# 38
3) Pyridine	3.14	79	24437	3.04	ng	96
4) n-Nitrosodimethylamine	2.99	42	58279	17.11	ng	87
6) Aniline	6.44	93	124579	10.30	ng	# 75
8) 2-Chlorophenol	6.57	128	316434	38.13	ng	90
9) Benzaldehyde	6.32	77	29501	4.44	ng	86
10) Phenol	6.43	94	133114	13.43	ng	81
11) bis(2-Chloroethyl)ether	6.52	93	368650	49.47	ng	87
12) 1,3-Dichlorobenzene	6.72	146	330217	37.08	ng	100
13) 1,4-Dichlorobenzene	6.80	146	338987	37.79	ng	99
14) 1,2-Dichlorobenzene	6.96	146	342564	41.99	ng	97
15) Benzyl Alcohol	6.92	79	180899	27.21	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	447664	44.47	ng	90
17) 2-Methylphenol	7.05	107	197946	29.41	ng	99
18) Hexachloroethane	7.30	117	112865	35.46	ng	92
19) n-Nitroso-di-n-propylamine	7.21	70	232268	42.72	ng	90
20) 3+4-Methylphenols	7.21	107	217018	27.63	ng	# 81
22) Acetophenone	7.20	105	468261	44.86	ng	# 95
24) Nitrobenzene	7.37	77	322033	41.56	ng	89
25) Isophorone	7.62	82	681191	45.98	ng	94
26) 2-Nitrophenol	7.69	139	183898	44.31	ng	# 87
27) 2,4-Dimethylphenol	7.74	122	293331	38.39	ng	96
28) bis(2-Chloroethoxy)methane	7.83	93	400037	43.53	ng	# 97
29) 2,4-Dichlorophenol	7.94	162	277162	43.44	ng	89
30) 1,2,4-Trichlorobenzene	8.02	180	290050	41.75	ng	95
31) Naphthalene	8.09	128	976766	42.26	ng	100
32) Benzoic acid	7.83	122	50598	12.02	ng	97
33) 4-Chloroaniline	8.15	127	199447	19.32	ng	96
34) Hexachlorobutadiene	8.22	225	150515	41.08	ng	99
35) Caprolactam	8.52	113	13670	6.47	ng	88
36) 4-Chloro-3-methylphenol	8.63	107	237743	34.84	ng	99
37) 2-Methylnaphthalene	8.89	142	626223	41.11	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	279666	59.08	ng	# 1
40) Hexachlorocyclopentadiene	8.94	237	39817	12.15	ng	98

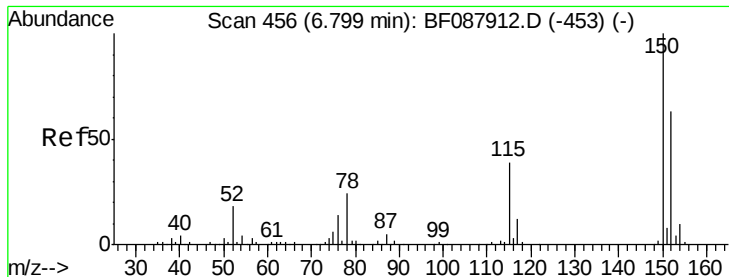
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061416\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	179598	44.19	ng	100
43) 2,4,5-Trichlorophenol	9.12	196	197531	46.71	ng	97
45) 1,1'-Biphenyl	9.26	154	798464	53.51	ng	97
46) 2-Chloronaphthalene	9.28	162	615661	46.81	ng	96
47) 2-Nitroaniline	9.37	65	162690	41.93	ng	94
48) Acenaphthylene	9.69	152	877264	41.94	ng	99
49) Dimethylphthalate	9.56	163	794225	53.95	ng	99
50) 2,6-Dinitrotoluene	9.62	165	169706	50.33	ng	# 87
51) Acenaphthene	9.86	154	524969	40.23	ng	98
52) 3-Nitroaniline	9.78	138	124395	31.97	ng	99
53) 2,4-Dinitrophenol	9.90	184	53832	35.06	ng	# 70
54) Dibenzofuran	10.03	168	773037	43.01	ng	91
55) 4-Nitrophenol	9.95	139	85526	28.32	ng	# 72
56) 2,4-Dinitrotoluene	10.02	165	188200	43.43	ng	# 72
57) Fluorene	10.38	166	571737	47.32	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.15	232	134829	40.57	ng	# 57
59) Diethylphthalate	10.26	149	716162	48.06	ng	96
60) 4-Chlorophenyl-phenylether	10.36	204	238027	39.83	ng	94
61) 4-Nitroaniline	10.40	138	142864	38.71	ng	99
62) Azobenzene	10.52	77	611819	41.52	ng	95
64) 4,6-Dinitro-2-methylphenol	10.43	198	42835	21.96	ng	# 58
65) n-Nitrosodiphenylamine	10.49	169	514368	46.83	ng	99
66) 4-Bromophenyl-phenylether	10.86	248	162153	45.66	ng	# 87
67) Hexachlorobenzene	10.93	284	175427	47.54	ng	# 84
68) Atrazine	11.02	200	46357	13.94	ng	96
69) Pentachlorophenol	11.12	266	168846	86.81	ng	98
70) Phenanthrene	11.34	178	841029	48.42	ng	99
71) Anthracene	11.38	178	732752	41.82	ng	100
72) Carbazole	11.54	167	765613	46.69	ng	100
73) Di-n-butylphthalate	11.87	149	902839	43.50	ng	100
74) Fluoranthene	12.51	202	797529	43.51	ng	97
76) Benzidine	12.64	184	227159	30.20	ng	98
77) Pyrene	12.74	202	768961	38.15	ng	100
79) Butylbenzylphthalate	13.37	149	428093	48.04	ng	93
80) Benzo(a)anthracene	13.93	228	637834	41.21	ng	100
81) 3,3'-Dichlorobenzidine	13.90	252	183059	43.98	ng	# 97
82) Chrysene	13.98	228	694213	47.67	ng	98
83) Bis(2-ethylhexyl)phthalate	13.93	149	476645	43.94	ng	# 99
84) Di-n-octyl phthalate	14.54	149	968964	54.97	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.71	276	560616	41.43	ng	# 100
87) Benzo(b)fluoranthene	14.98	252	1281857	85.43	ng	# 96
88) Benzo(k)fluoranthene	14.98	252	1282128	113.28	ng	98
89) Benzo(a)pyrene	15.29	252	597710	49.24	ng	99
90) Dibenzo(a,h)anthracene	16.72	278	470590	41.74	ng	97
91) Benzo(g,h,i)perylene	17.12	276	468791	40.42	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.79 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MSD

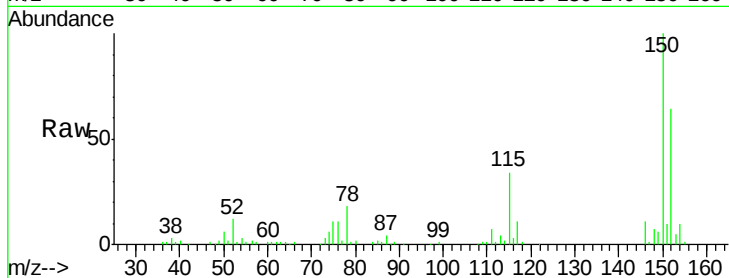
Tgt Ion:152 Resp: 119875

Ion Ratio Lower Upper

152 100

150 155.6 123.8 185.6

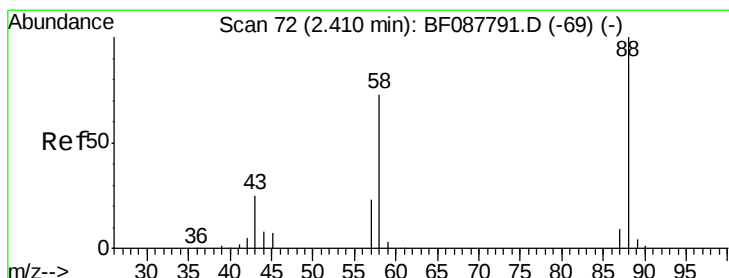
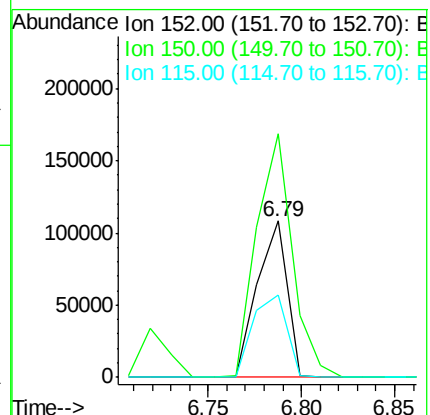
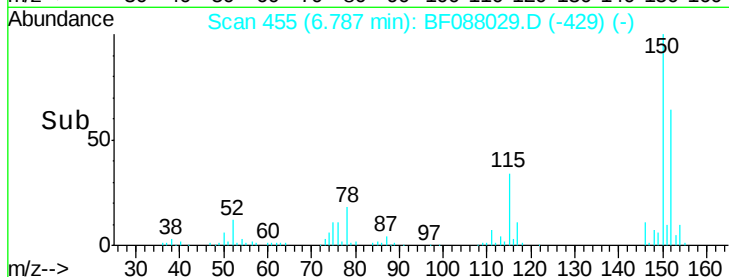
115 52.4 39.6 59.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 16.72 ng

RT: 2.35 min Scan# 67

Delta R.T. 0.05 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

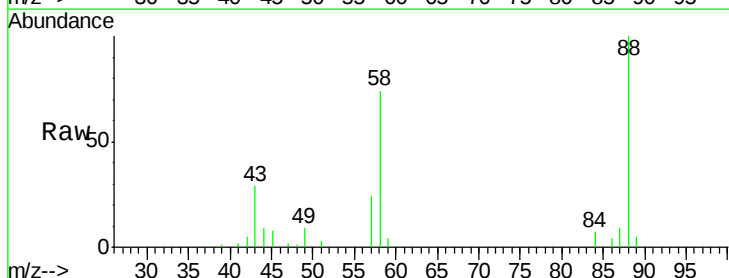
Tgt Ion: 88 Resp: 56968

Ion Ratio Lower Upper

88 100

58 74.0 0.0 0.0#

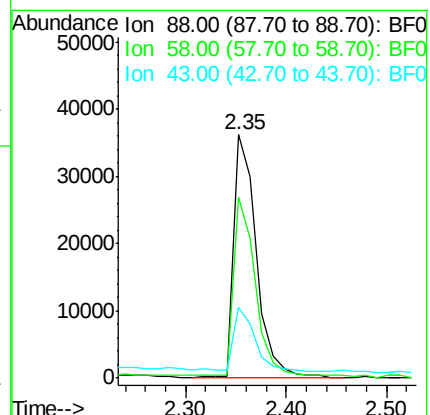
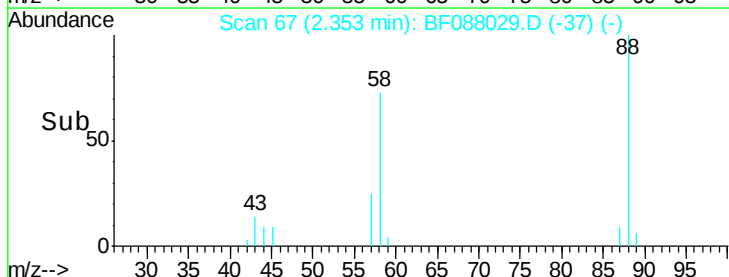
43 24.8 3.4 5.2#

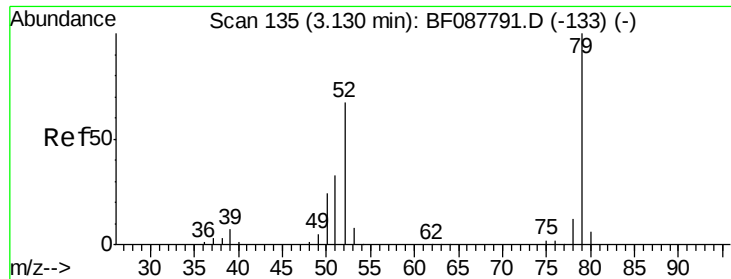


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

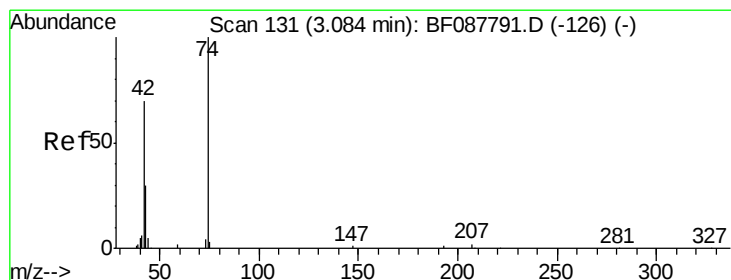
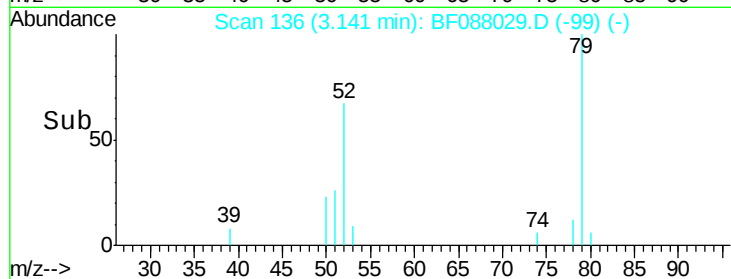
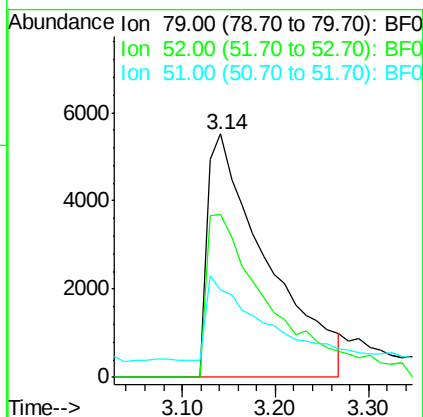
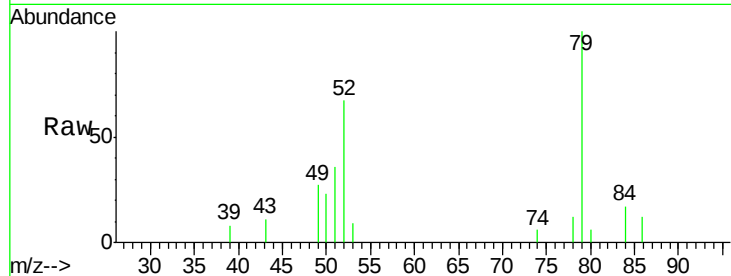




#3
 Pyridine
 Concen: 3.04 ng
 RT: 3.14 min Scan# 136
 Delta R.T. 0.13 min
 Lab File: BF088029.D
 Acq: 15 Jun 2016 6:16

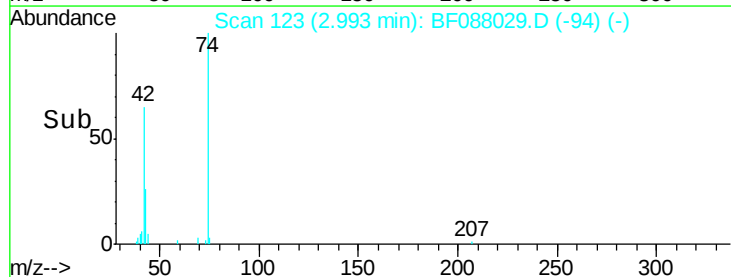
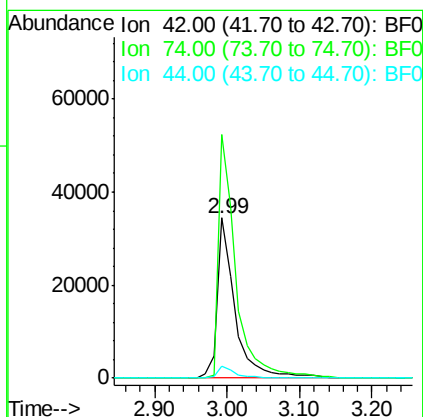
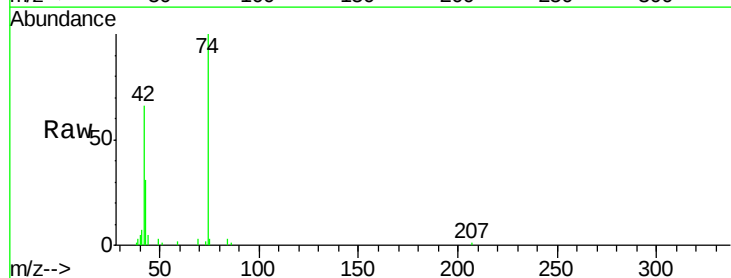
Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MSD

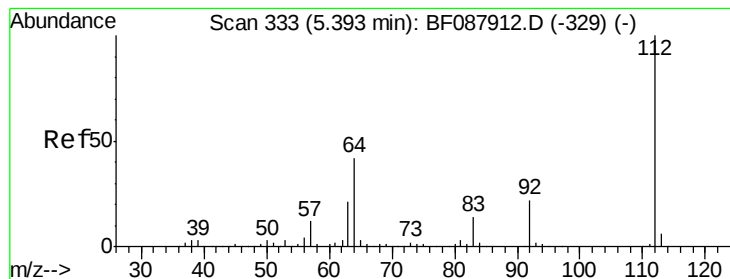
Tgt Ion: 79 Resp: 24437
 Ion Ratio Lower Upper
 79 100
 52 67.1 56.3 84.5
 51 35.8 27.4 41.2



#4
 n-Nitrosodimethylamine
 Concen: 17.11 ng
 RT: 2.99 min Scan# 123
 Delta R.T. 0.03 min
 Lab File: BF088029.D
 Acq: 15 Jun 2016 6:16

Tgt Ion: 42 Resp: 58279
 Ion Ratio Lower Upper
 42 100
 74 152.0 108.6 163.0
 44 7.7 5.5 8.3





#5

2-Fluorophenol

Concen: 65.48 ng

RT: 5.38 min Scan# 332

Delta R.T. 0.01 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MSD

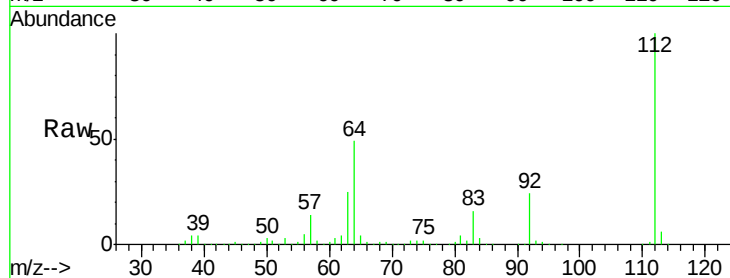
Tgt Ion: 112 Resp: 459172

Ion Ratio Lower Upper

112 100

64 48.6 42.2 63.2

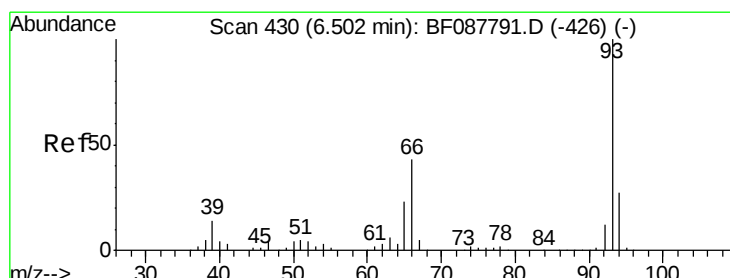
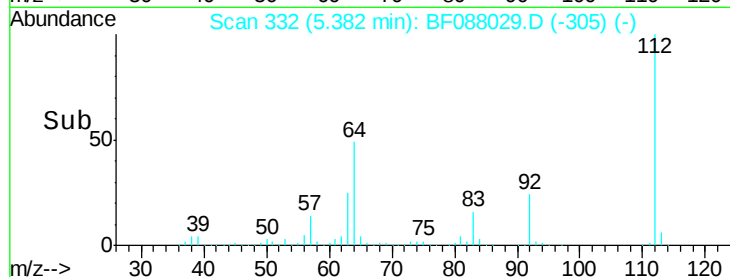
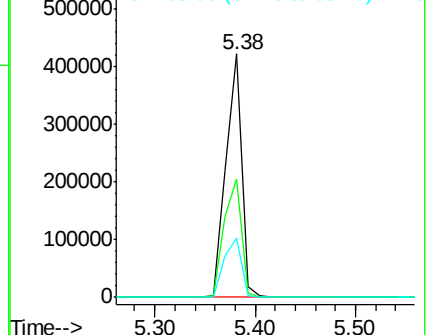
63 24.6 21.8 32.8



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: 10.30 ng

RT: 6.44 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

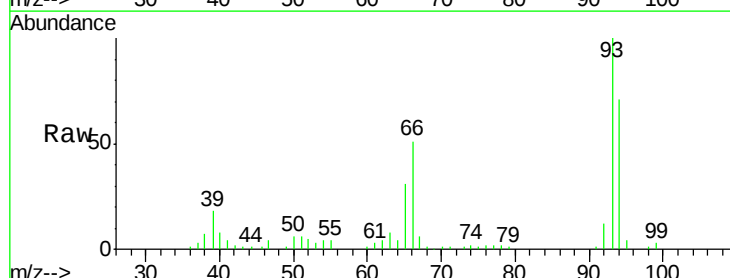
Tgt Ion: 93 Resp: 124579

Ion Ratio Lower Upper

93 100

66 51.1 29.8 44.8#

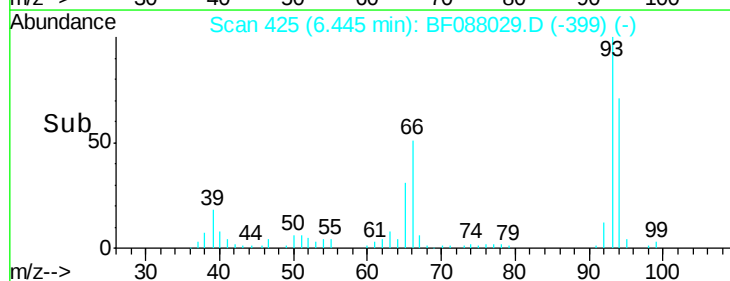
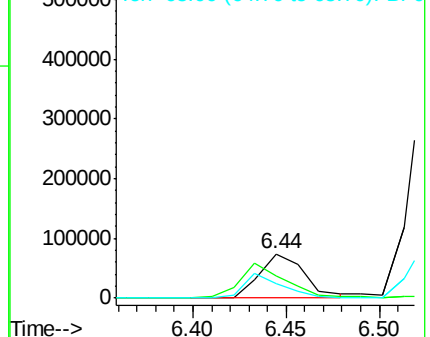
65 31.3 14.9 22.3#

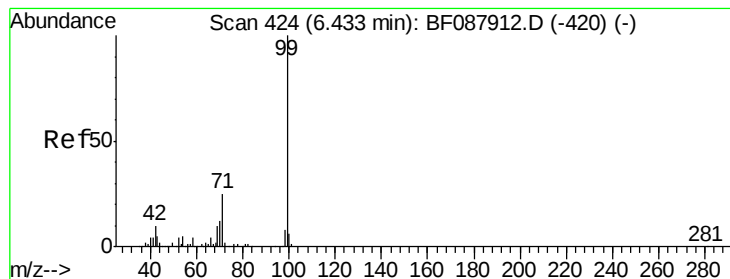


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 39.27 ng

RT: 6.42 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MSD

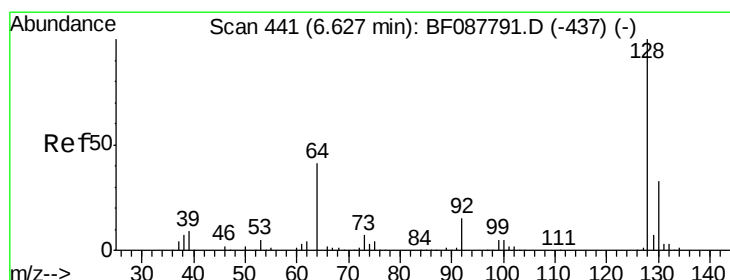
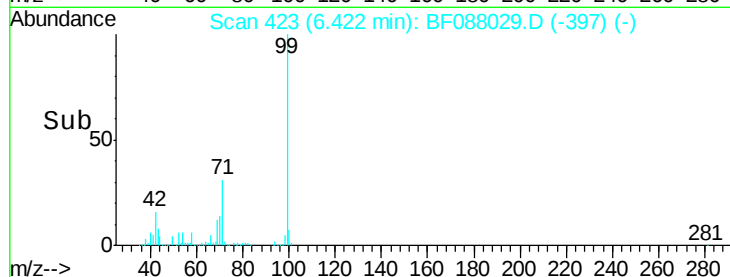
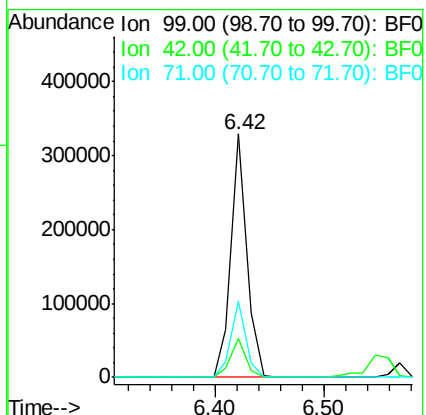
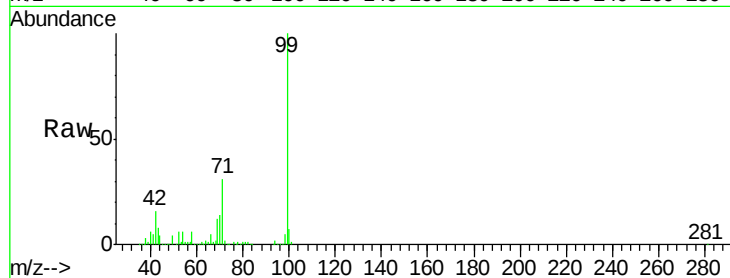
Tgt Ion: 99 Resp: 333720

Ion Ratio Lower Upper

99 100

42 15.9 12.2 18.2

71 31.4 23.4 35.0



#8

2-Chlorophenol

Concen: 38.13 ng

RT: 6.57 min Scan# 436

Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

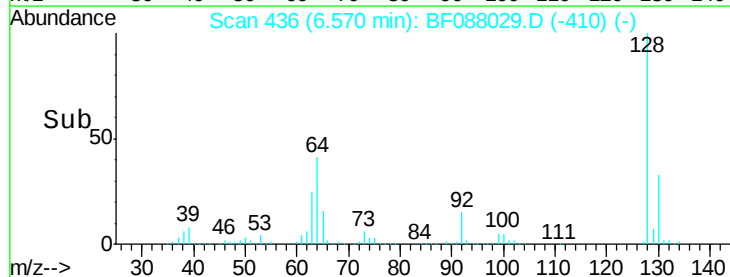
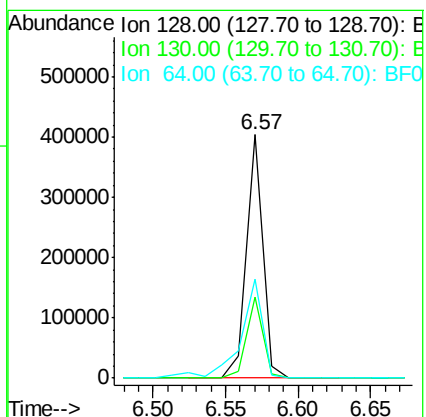
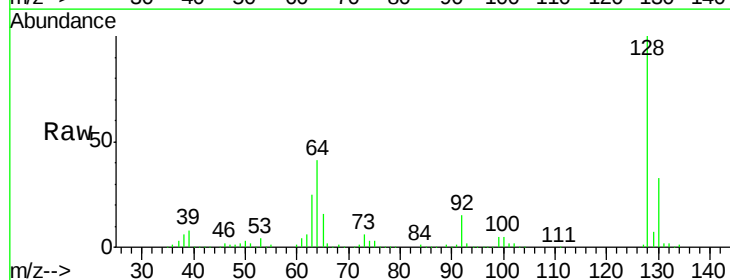
Tgt Ion: 128 Resp: 316434

Ion Ratio Lower Upper

128 100

130 33.1 12.0 52.0

64 40.6 30.8 70.8





#9

Benzaldehyde

Concen: 4.44 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MSD

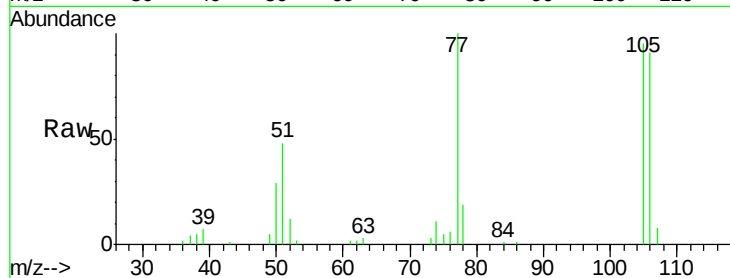
Tgt Ion: 77 Resp: 29501

Ion Ratio Lower Upper

77 100

105 95.3 90.6 130.6

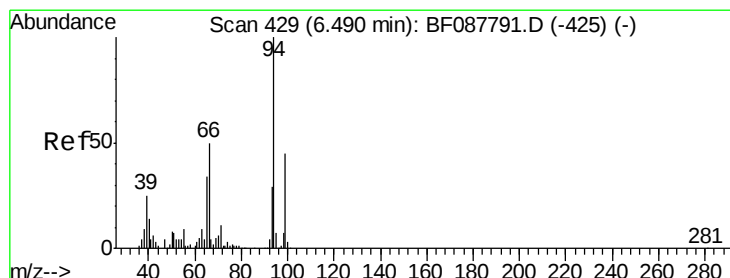
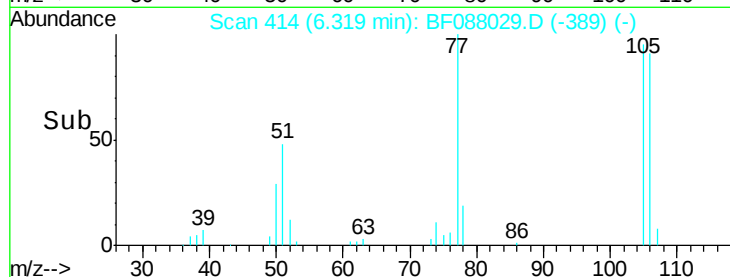
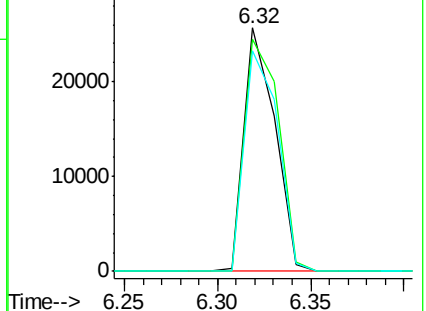
106 90.7 85.3 125.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 13.43 ng

RT: 6.43 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

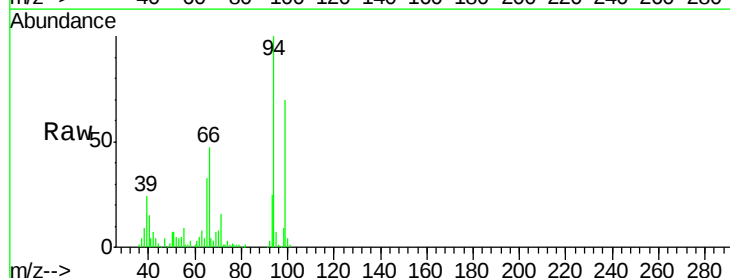
Tgt Ion: 94 Resp: 133114

Ion Ratio Lower Upper

94 100

65 32.8 5.9 45.9

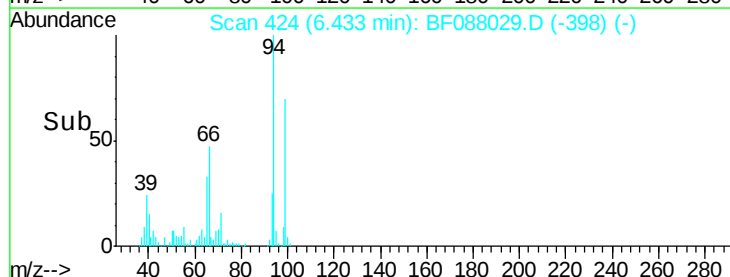
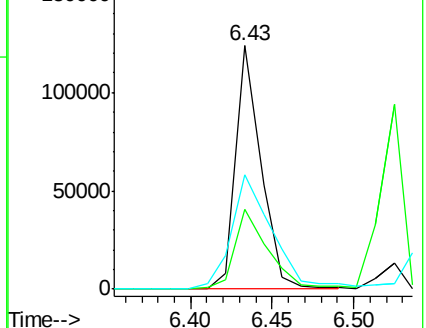
66 46.8 14.0 54.0



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

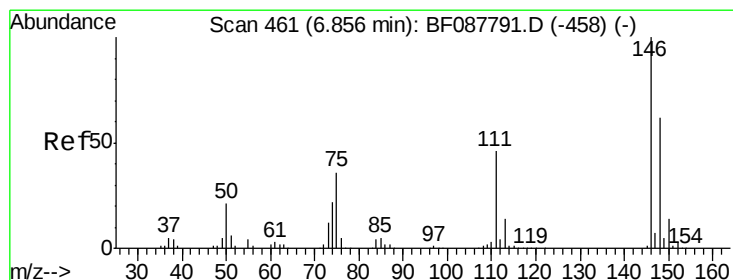
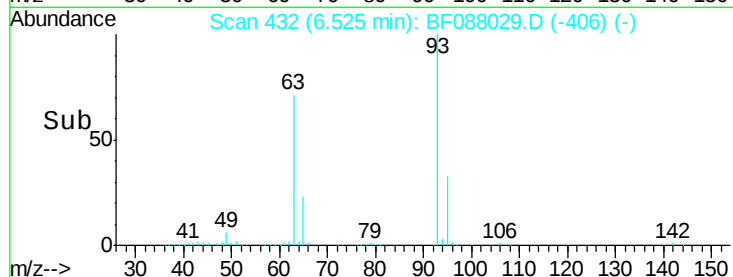
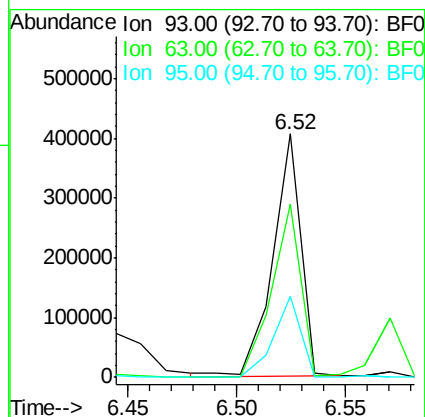
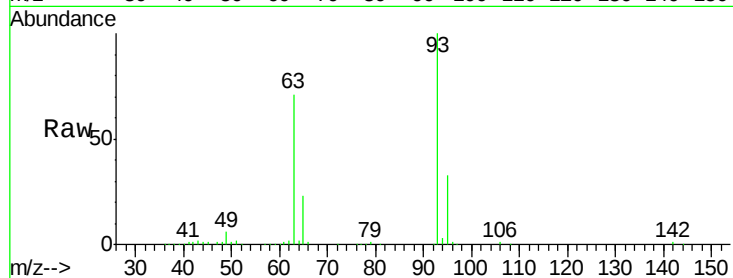




#11
bis(2-Chloroethyl)ether
Concen: 49.47 ng
RT: 6.52 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF088029.D
Acq: 15 Jun 2016 6:16

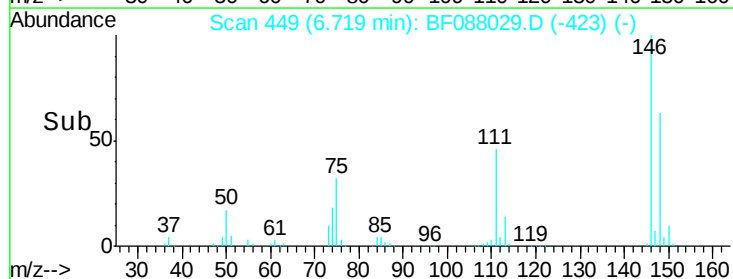
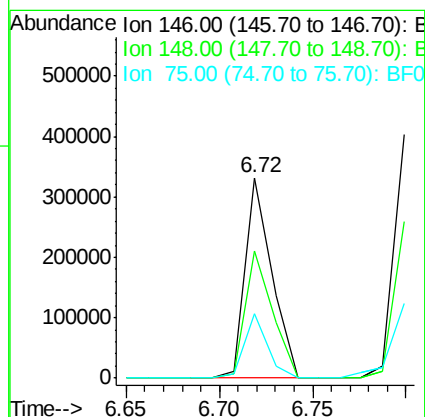
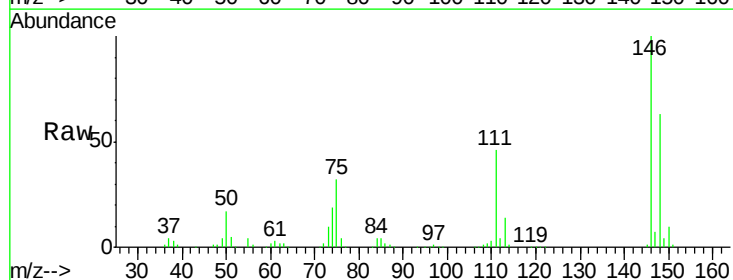
Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

Tgt Ion: 93 Resp: 368650
Ion Ratio Lower Upper
93 100
63 71.1 67.6 107.6
95 33.2 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 37.08 ng
RT: 6.72 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF088029.D
Acq: 15 Jun 2016 6:16

Tgt Ion: 146 Resp: 330217
Ion Ratio Lower Upper
146 100
148 63.2 50.9 76.3
75 32.1 25.6 38.4

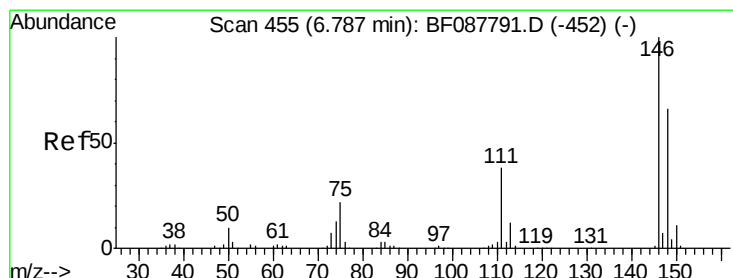
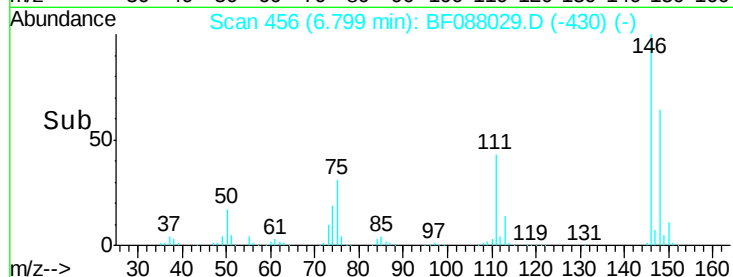
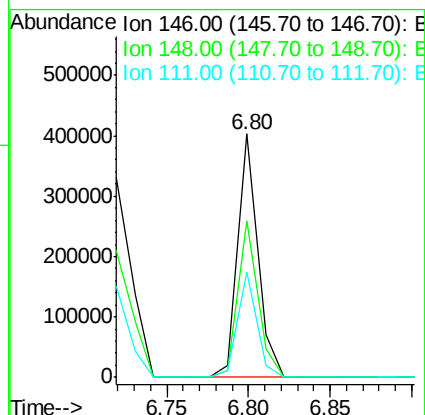
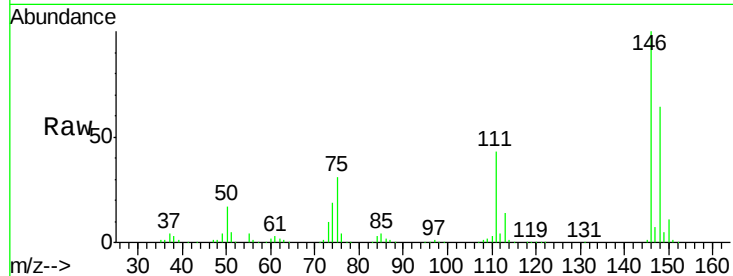




#13
 1,4-Dichlorobenzene
 Concen: 37.79 ng
 RT: 6.80 min Scan# 456
 Delta R.T. 0.00 min
 Lab File: BF088029.D
 Acq: 15 Jun 2016 6:16

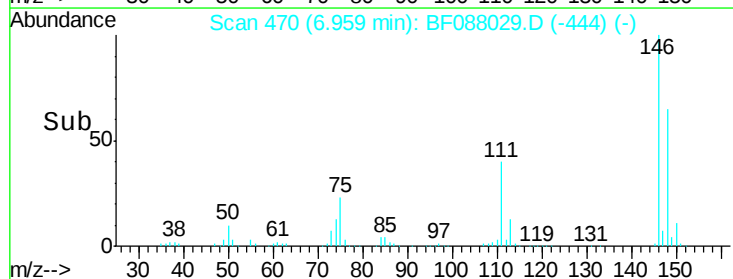
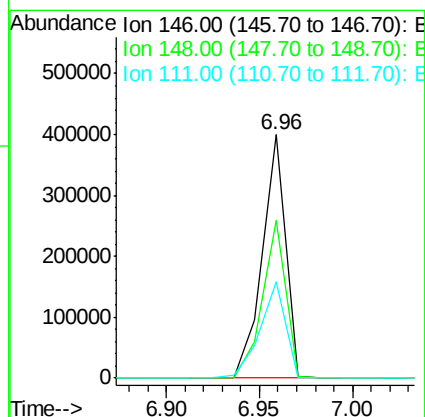
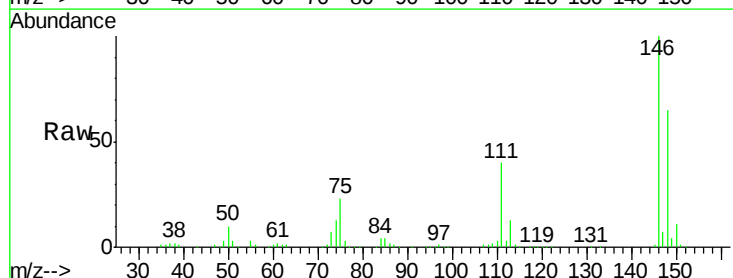
Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MSD

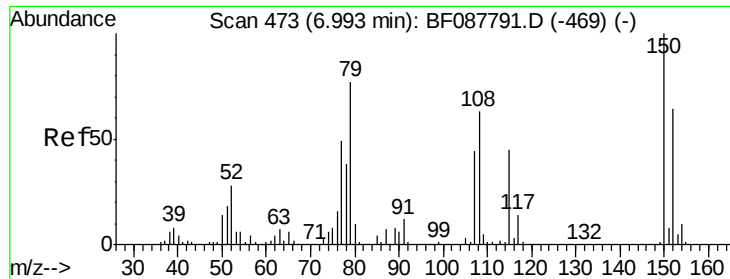
Tgt Ion:146 Resp: 338987
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.0 78.0
 111 43.3 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 41.99 ng
 RT: 6.96 min Scan# 470
 Delta R.T. 0.00 min
 Lab File: BF088029.D
 Acq: 15 Jun 2016 6:16

Tgt Ion:146 Resp: 342564
 Ion Ratio Lower Upper
 146 100
 148 65.0 52.3 78.5
 111 39.8 28.7 43.1

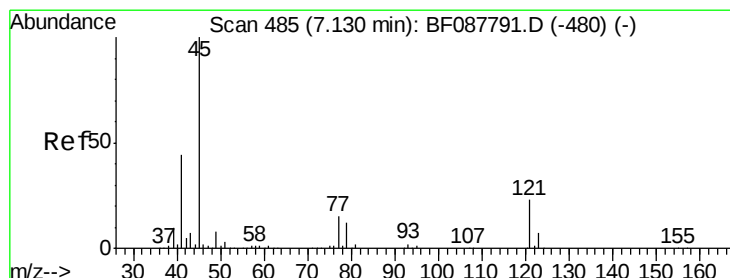
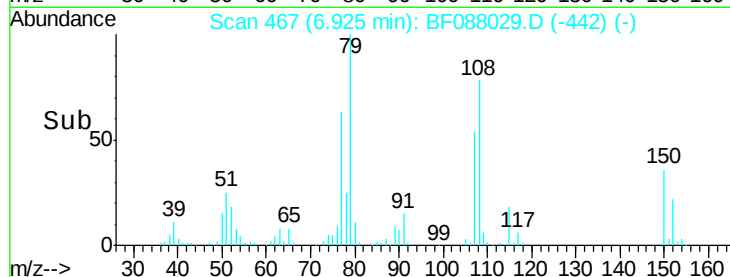
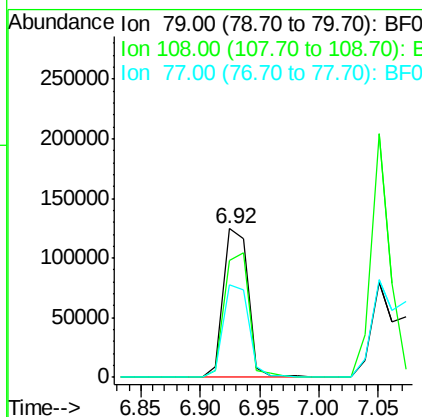
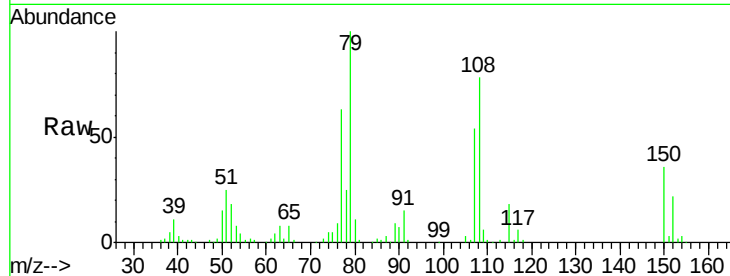




#15
Benzyl Alcohol
Concen: 27.21 ng
RT: 6.92 min Scan# 467
Delta R.T. -0.01 min
Lab File: BF088029.D
Acq: 15 Jun 2016 6:16

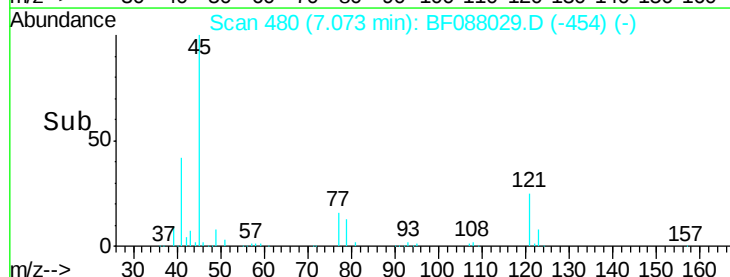
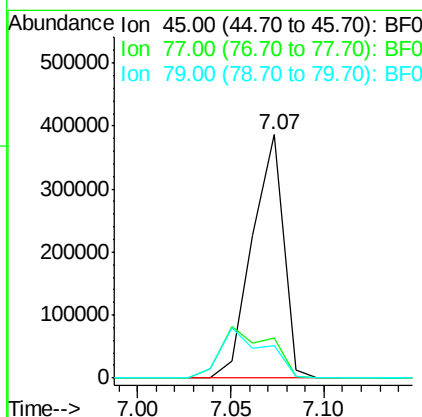
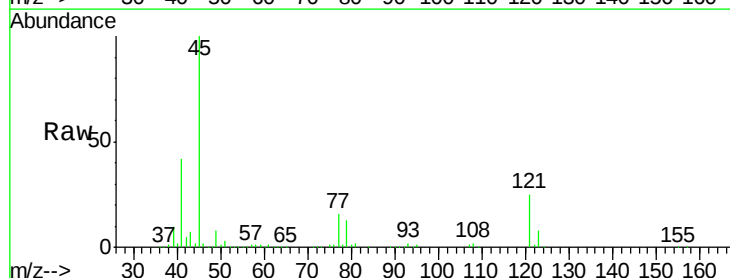
Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

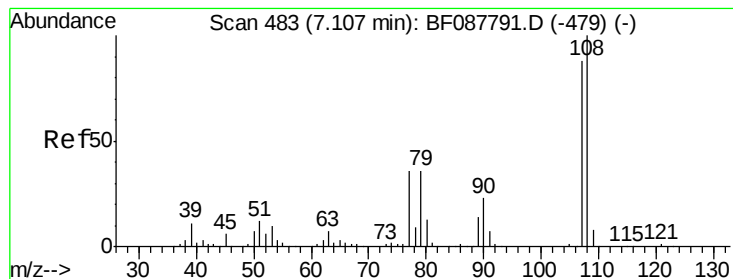
Tgt Ion: 79 Resp: 180899
Ion Ratio Lower Upper
79 100
108 78.2 65.0 97.6
77 62.5 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.47 ng
RT: 7.07 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF088029.D
Acq: 15 Jun 2016 6:16

Tgt Ion: 45 Resp: 447664
Ion Ratio Lower Upper
45 100
77 16.5 0.0 32.5
79 13.2 0.0 29.5





#17

2-Methylphenol

Concen: 29.41 ng

RT: 7.05 min Scan# 478

Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MSD

Tgt Ion:107 Resp: 197946

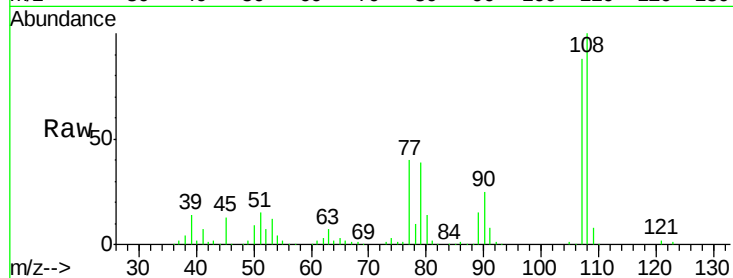
Ion Ratio Lower Upper

107 100

108 113.6 90.9 136.3

77 45.6 36.6 55.0

79 44.2 36.5 54.7

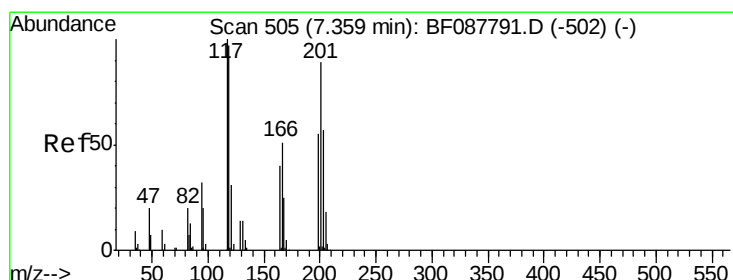
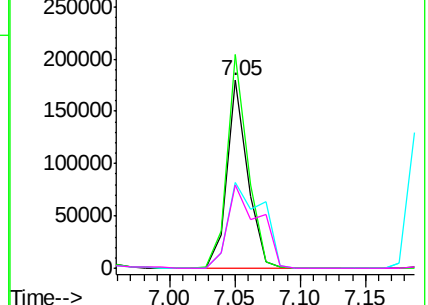
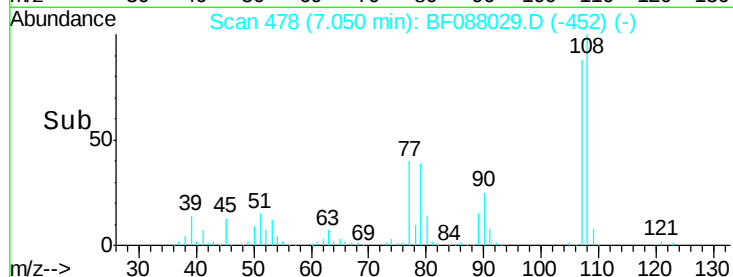


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 35.46 ng

RT: 7.30 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

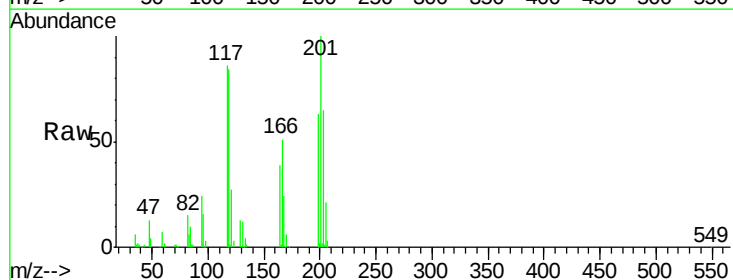
Tgt Ion:117 Resp: 112865

Ion Ratio Lower Upper

117 100

119 97.4 77.4 116.2

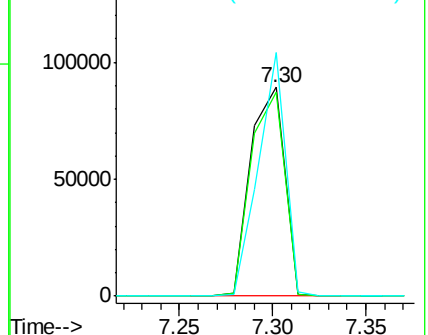
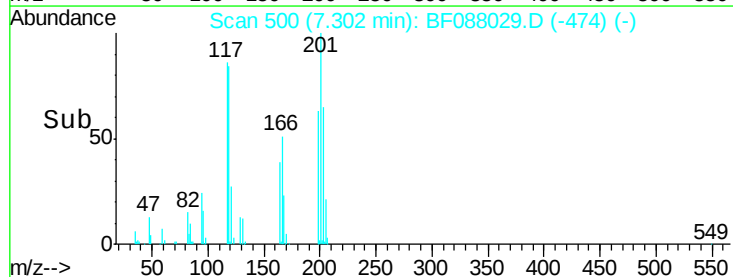
201 116.5 80.4 120.6

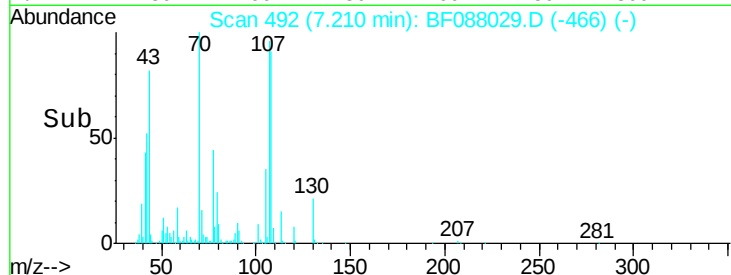
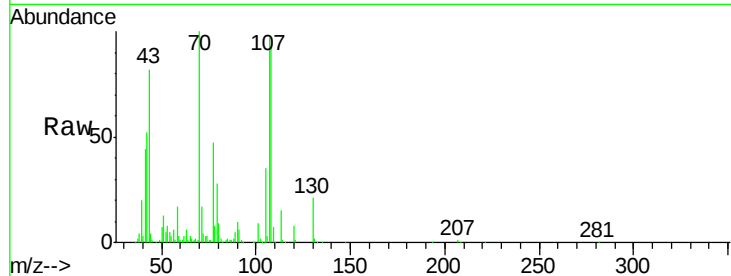


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

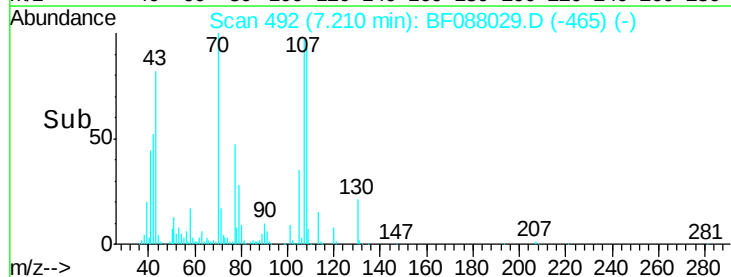
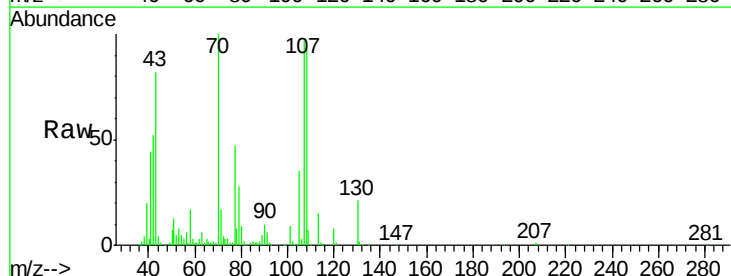
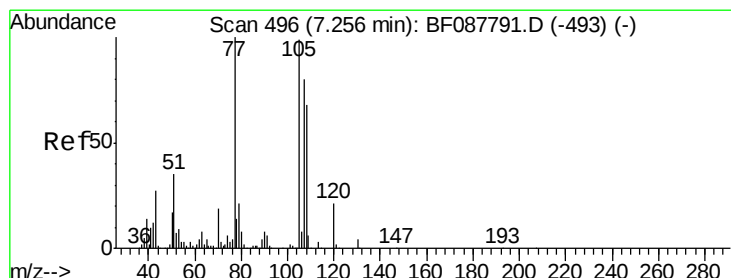
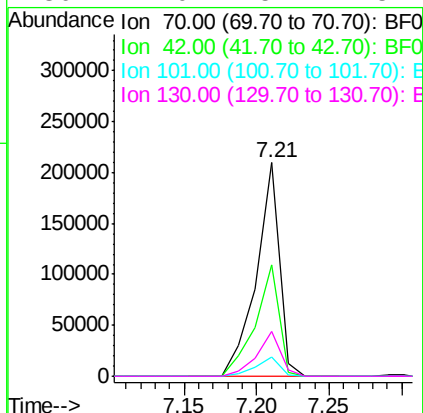




#19
n-Nitroso-di-n-propylamine
Concen: 42.72 ng
RT: 7.21 min Scan# 492
Delta R.T. 0.00 min
Lab File: BF088029.D
Acq: 15 Jun 2016 6:16

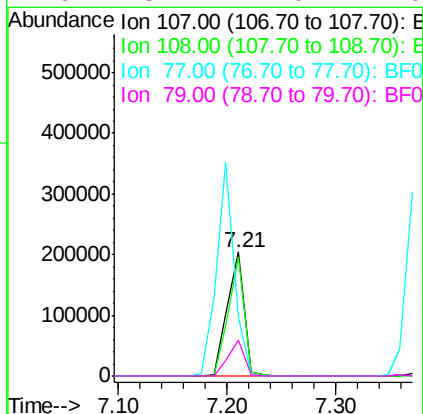
Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

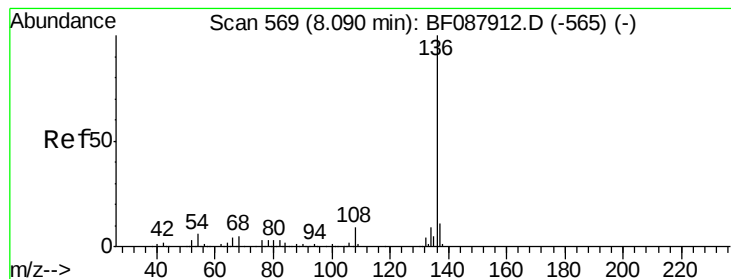
Tgt Ion:	70	Resp:	232268
Ion	Ratio	Lower	Upper
70	100		
42	52.3	49.6	74.4
101	9.2	7.1	10.7
130	21.0	15.4	23.2



#20
3+4-Methylphenols
Concen: 27.63 ng
RT: 7.21 min Scan# 492
Delta R.T. 0.01 min
Lab File: BF088029.D
Acq: 15 Jun 2016 6:16

Tgt Ion:	107	Resp:	217018
Ion	Ratio	Lower	Upper
107	100		
108	95.9	67.8	107.8
77	48.1	59.3	99.3#
79	28.7	7.0	47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MSD

Tgt Ion:136 Resp: 467063

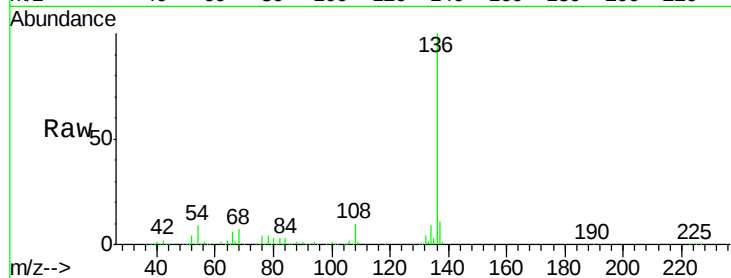
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 8.8 6.6 10.0

68 7.2 5.1 7.7

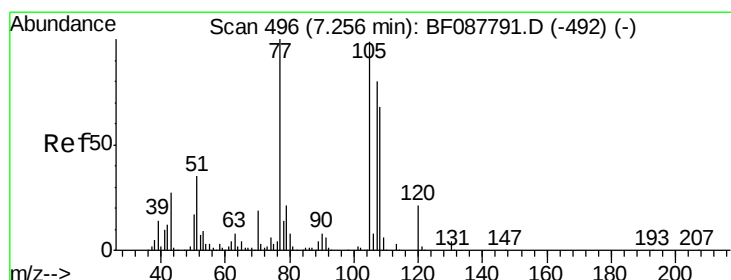
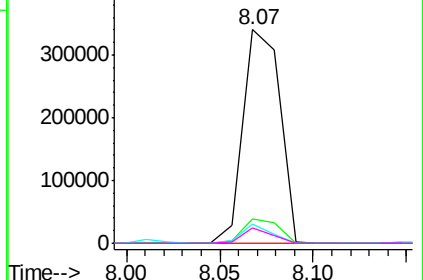
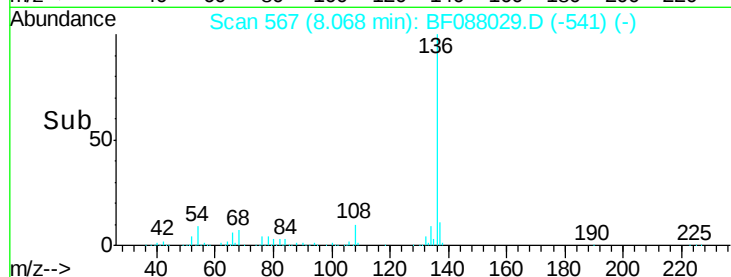


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 44.86 ng

RT: 7.20 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

Tgt Ion:105 Resp: 468261

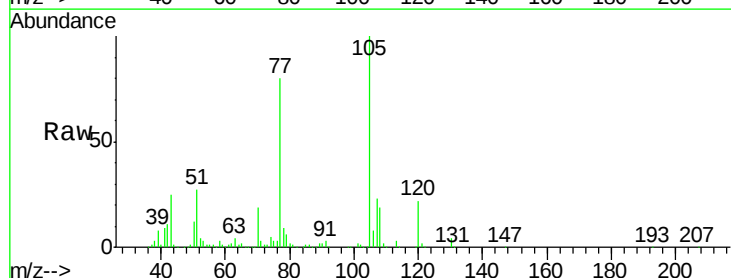
Ion Ratio Lower Upper

105 100

71 3.3 5.3 7.9#

51 26.5 18.2 27.4

120 22.1 18.0 27.0

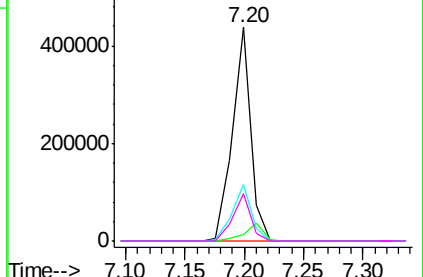
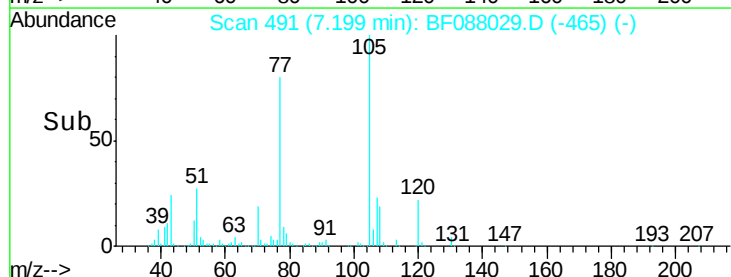


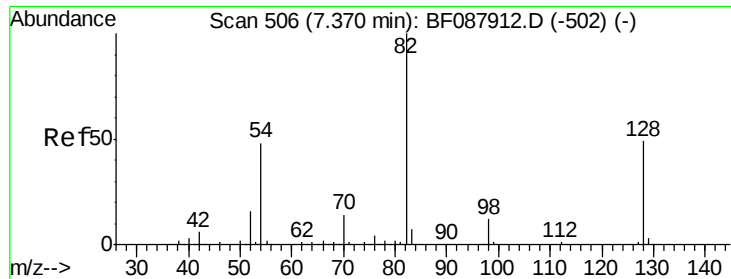
Abundance Ion 105.00 (104.70 to 105.70): E

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

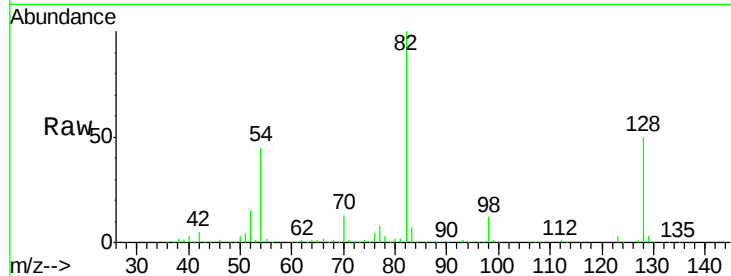




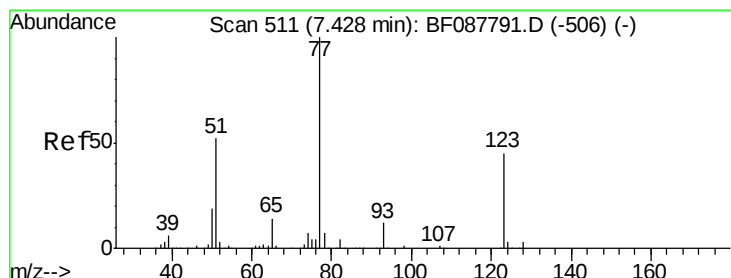
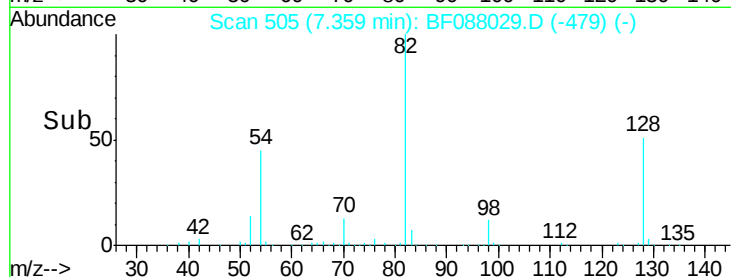
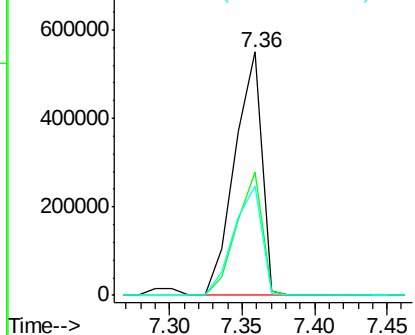
#23
 Nitrobenzene-d5
 Concen: 89.10 ng
 RT: 7.36 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: BF088029.D
 Acq: 15 Jun 2016 6:16

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MSD

Tgt Ion: 82 Resp: 712644
 Ion Ratio Lower Upper
 82 100
 128 50.5 35.9 53.9
 54 45.1 40.9 61.3

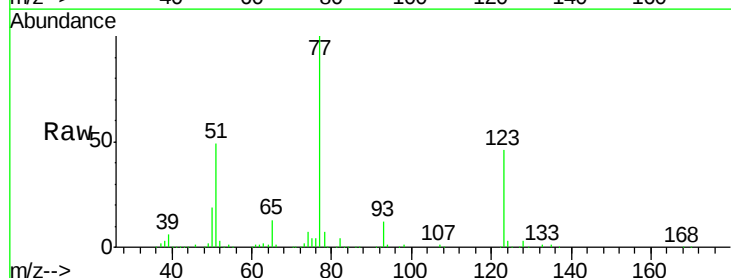


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

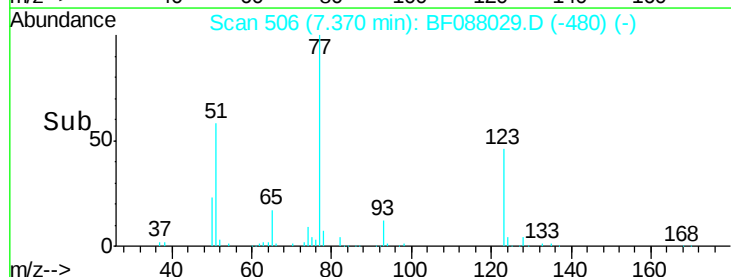
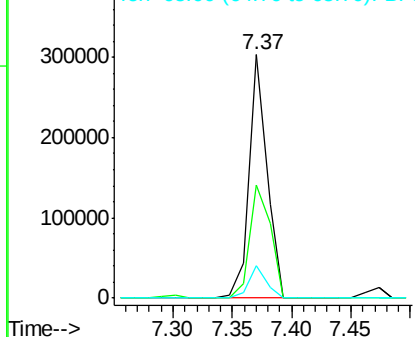


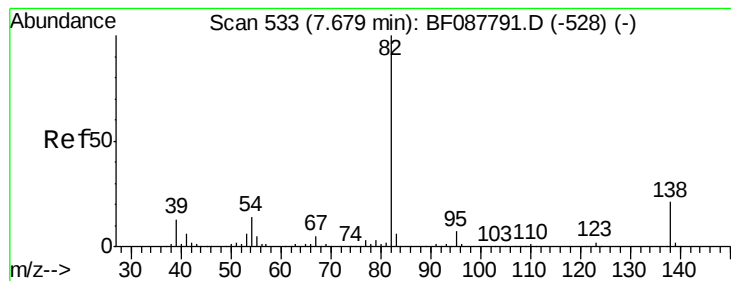
#24
 Nitrobenzene
 Concen: 41.56 ng
 RT: 7.37 min Scan# 506
 Delta R.T. 0.00 min
 Lab File: BF088029.D
 Acq: 15 Jun 2016 6:16

Tgt Ion: 77 Resp: 322033
 Ion Ratio Lower Upper
 77 100
 123 46.2 45.0 67.4
 65 13.4 10.2 15.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 45.98 ng

RT: 7.62 min Scan# 528

Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MSD

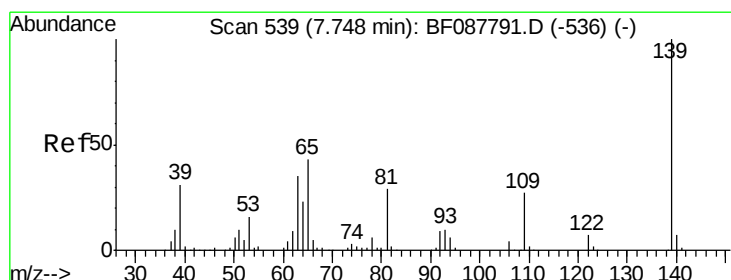
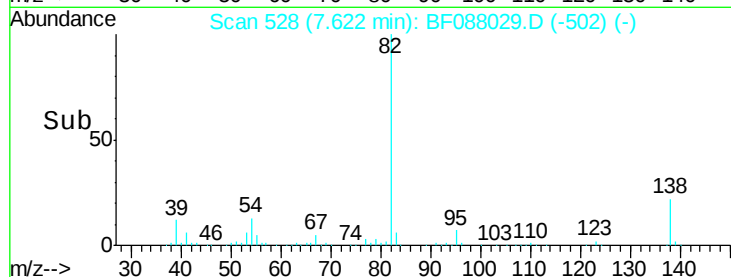
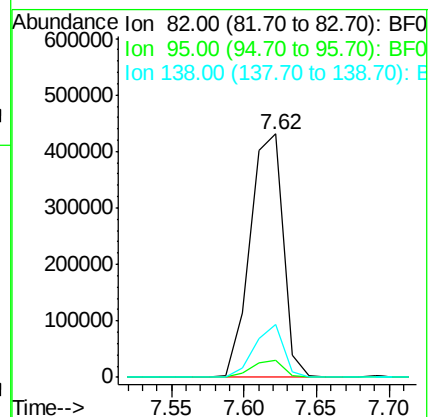
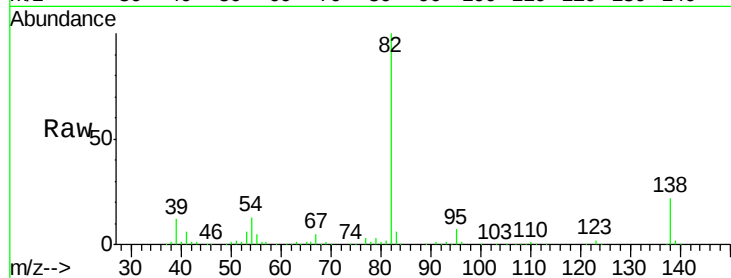
Tgt Ion: 82 Resp: 681191

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

138 21.7 14.6 21.8



#26

2-Nitrophenol

Concen: 44.31 ng

RT: 7.69 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

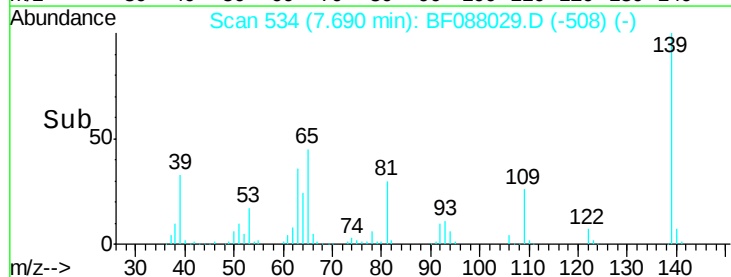
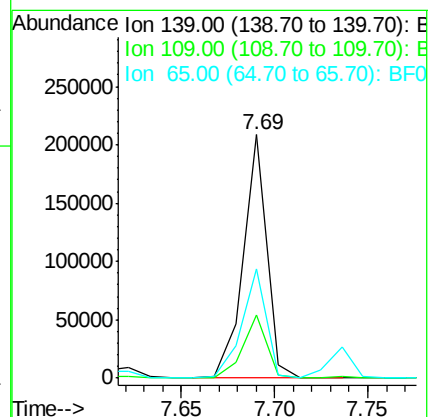
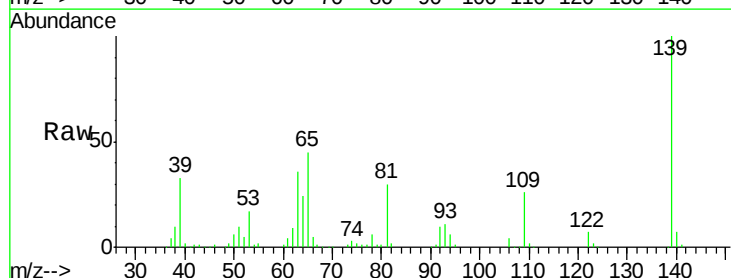
Tgt Ion: 139 Resp: 183898

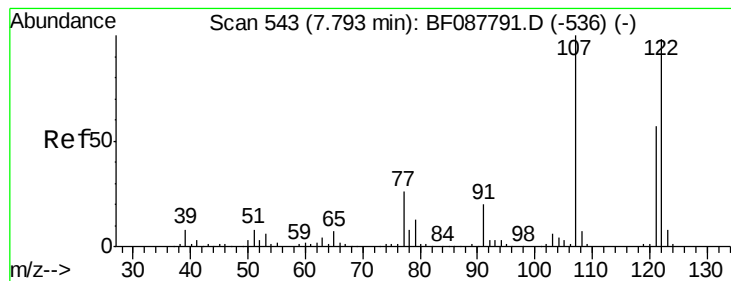
Ion Ratio Lower Upper

139 100

109 26.1 23.0 34.4

65 44.8 45.8 68.8#

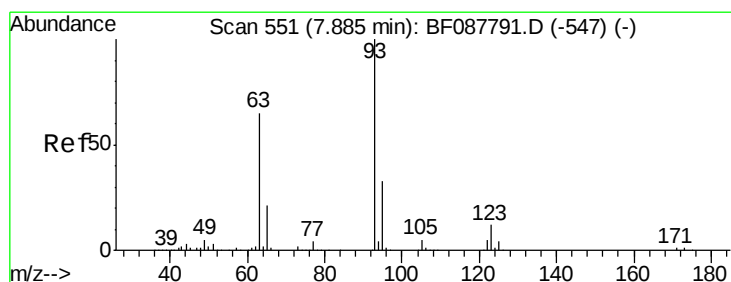
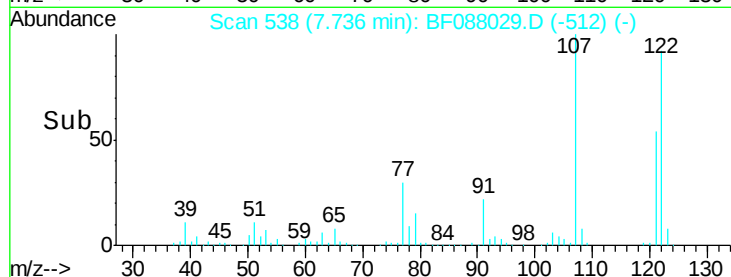
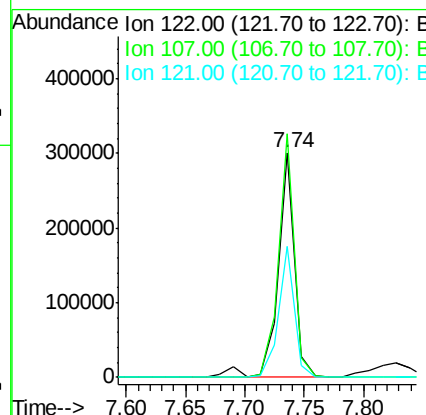
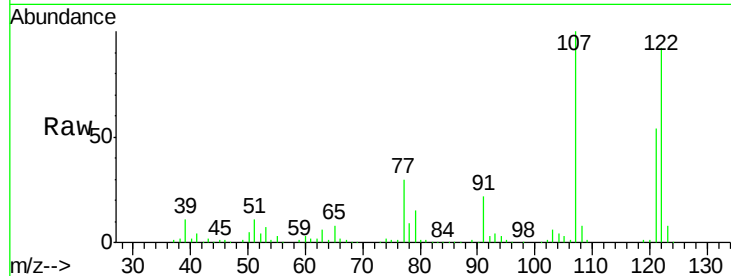




#27
2,4-Dimethylphenol
Concen: 38.39 ng
RT: 7.74 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF088029.D
Acq: 15 Jun 2016 6:16

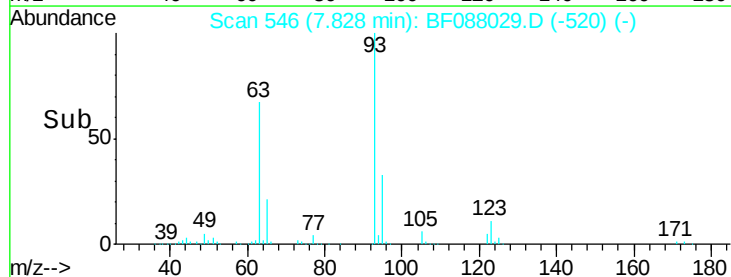
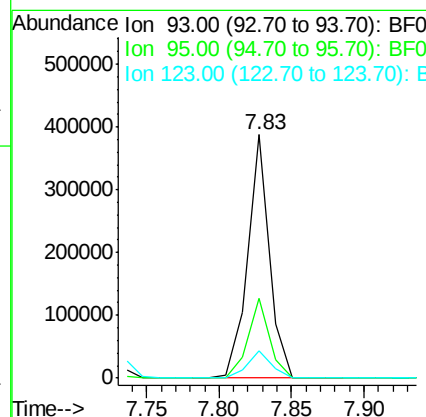
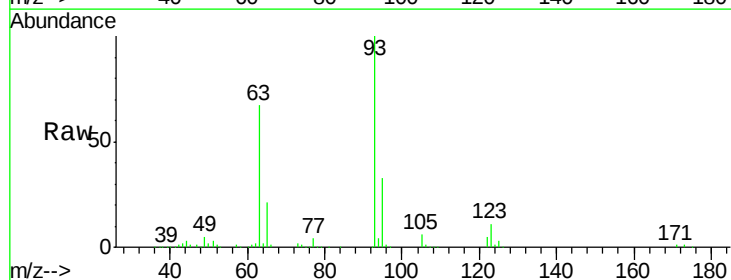
Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

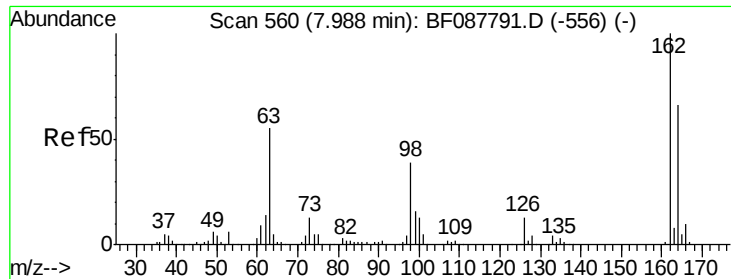
Tgt Ion:122 Resp: 293331
Ion Ratio Lower Upper
122 100
107 108.4 82.4 123.6
121 58.1 46.3 69.5



#28
bis(2-Chloroethoxy)methane
Concen: 43.53 ng
RT: 7.83 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF088029.D
Acq: 15 Jun 2016 6:16

Tgt Ion: 93 Resp: 400037
Ion Ratio Lower Upper
93 100
95 32.7 26.5 39.7
123 11.4 11.6 17.4#

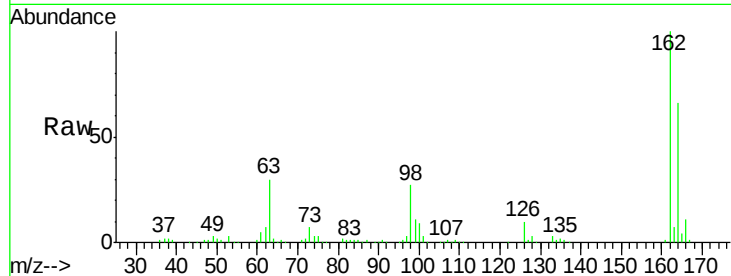




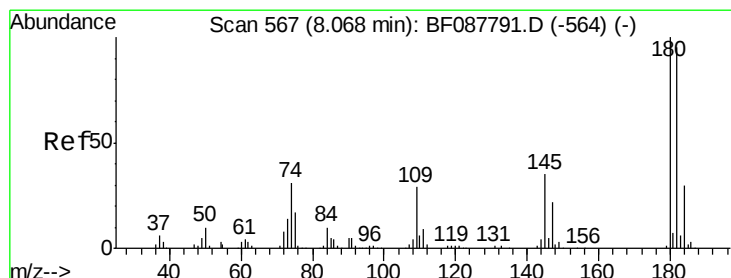
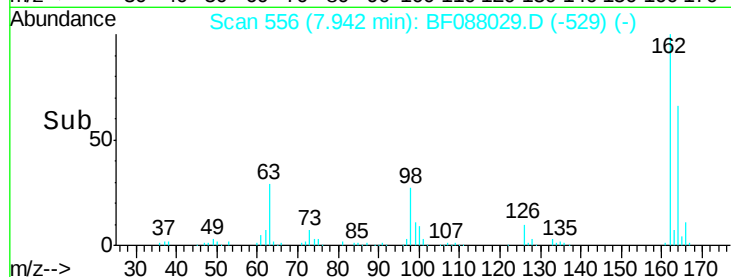
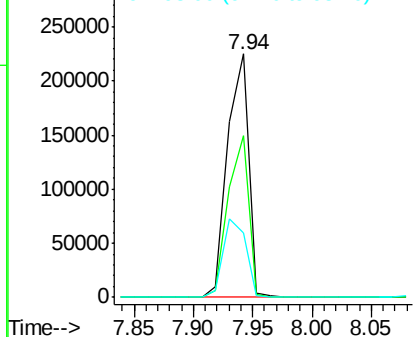
#29
 2,4-Dichlorophenol
 Concen: 43.44 ng
 RT: 7.94 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: BF088029.D
 Acq: 15 Jun 2016 6:16

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.5	43.8	83.8
98	26.5	21.3	61.3

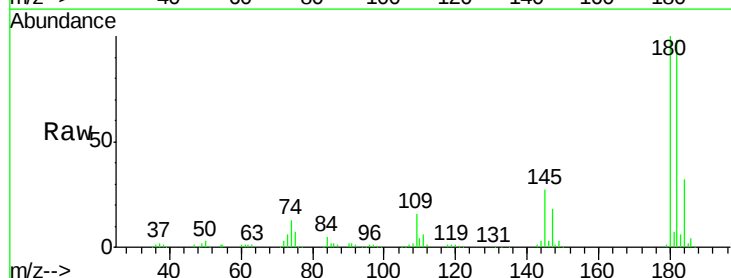


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

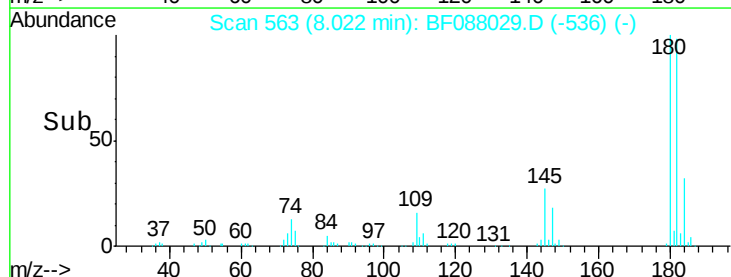
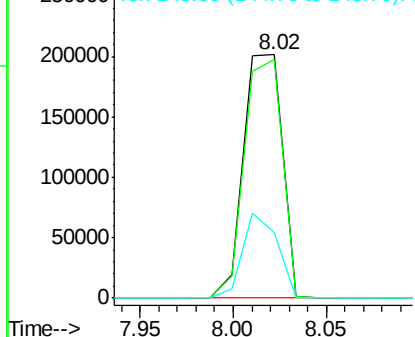


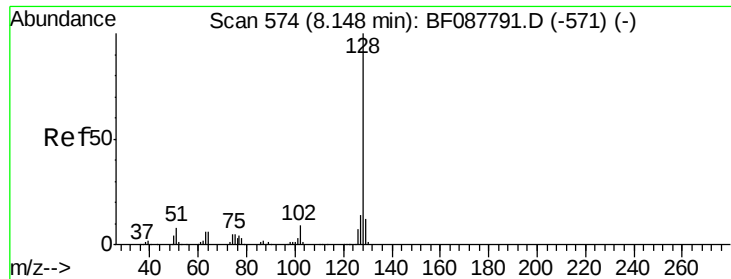
#30
 1,2,4-Trichlorobenzene
 Concen: 41.75 ng
 RT: 8.02 min Scan# 563
 Delta R.T. 0.01 min
 Lab File: BF088029.D
 Acq: 15 Jun 2016 6:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.7	76.0	114.0
145	27.1	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

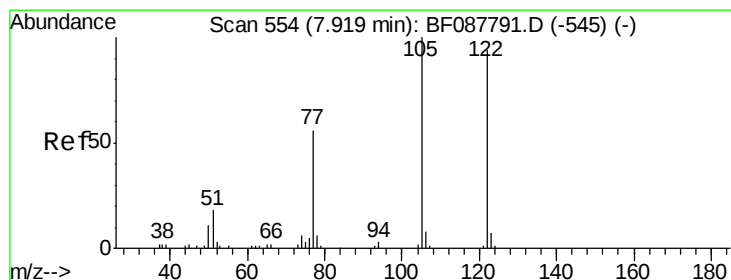
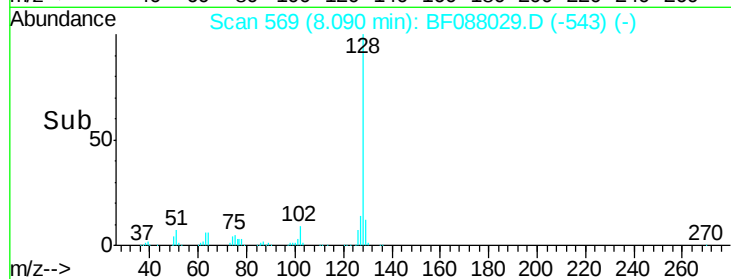
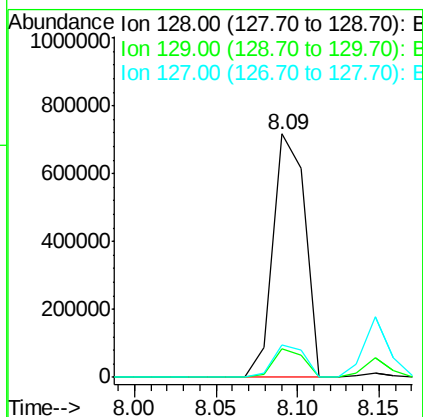
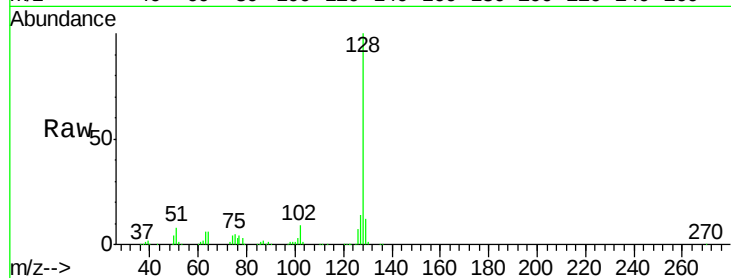




#31
Naphthalene
Concen: 42.26 ng
RT: 8.09 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF088029.D
Acq: 15 Jun 2016 6:16

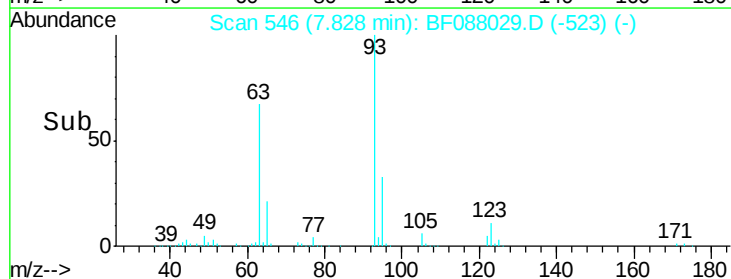
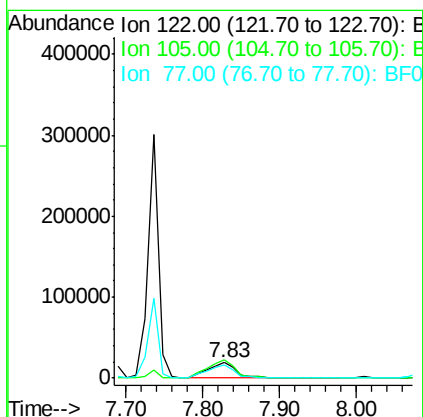
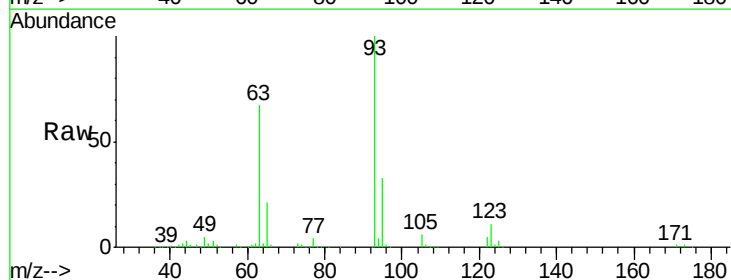
Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

Tgt Ion:128 Resp: 976766
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.2
127 13.5 10.9 16.3



#32
Benzoic acid
Concen: 12.02 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.03 min
Lab File: BF088029.D
Acq: 15 Jun 2016 6:16

Tgt Ion:122 Resp: 50598
Ion Ratio Lower Upper
122 100
105 121.4 101.6 141.6
77 84.7 70.6 110.6

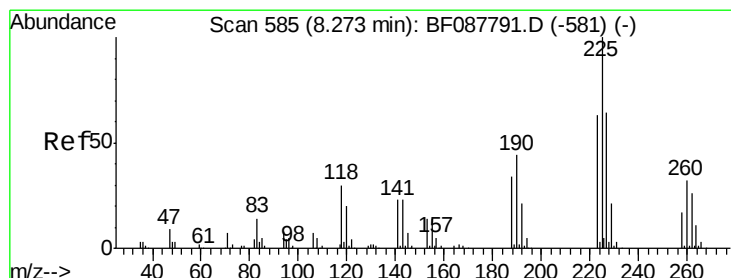
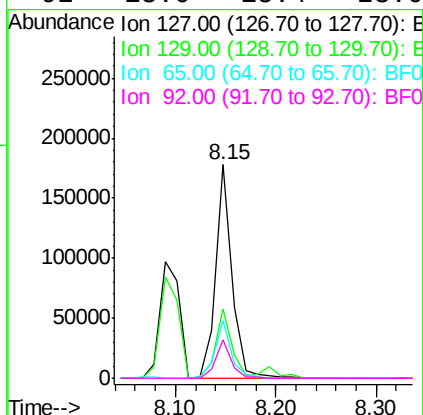
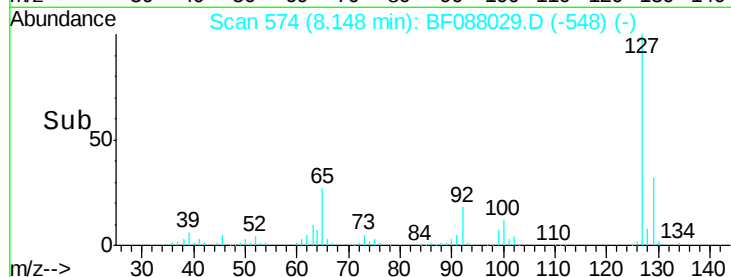
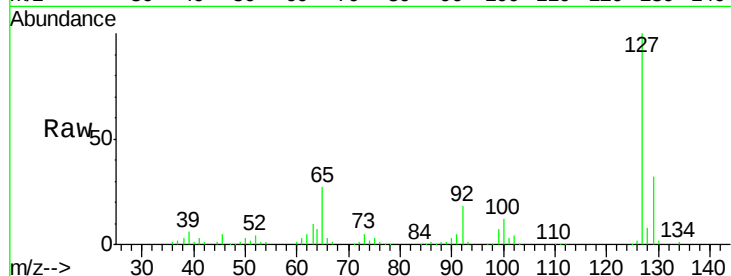




#33
4-Chloroaniline
Concen: 19.32 ng
RT: 8.15 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF088029.D
Acq: 15 Jun 2016 6:16

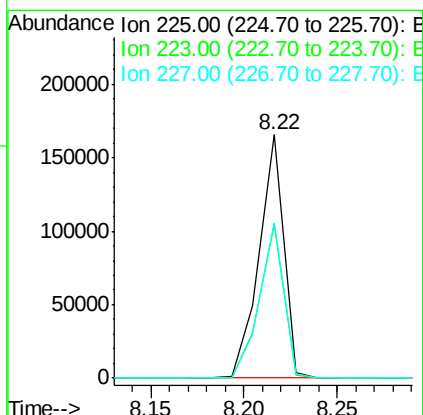
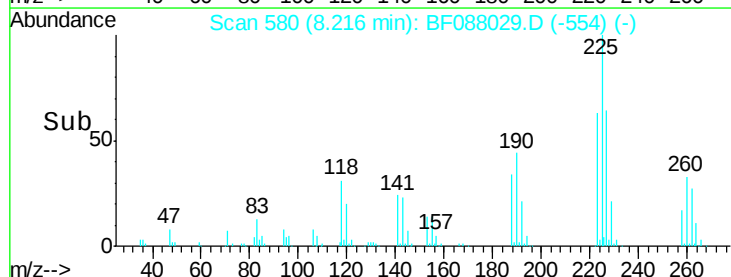
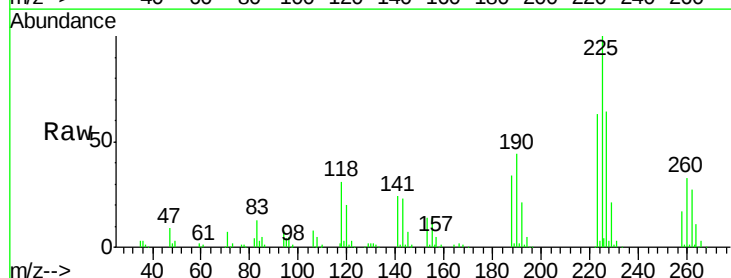
Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

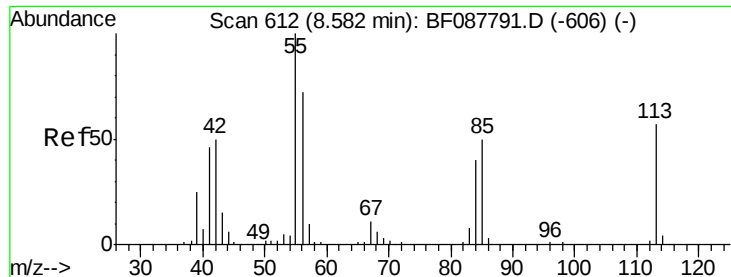
Tgt Ion:	127	Resp:	199447
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.3	39.5
65	27.2	24.7	37.1
92	18.0	15.4	23.0



#34
Hexachlorobutadiene
Concen: 41.08 ng
RT: 8.22 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF088029.D
Acq: 15 Jun 2016 6:16

Tgt Ion:	225	Resp:	150515
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.9	76.3
227	63.9	51.9	77.9

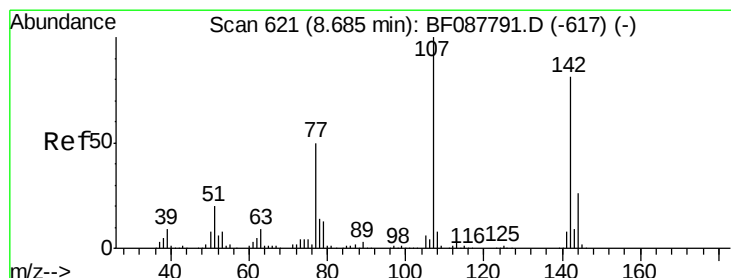
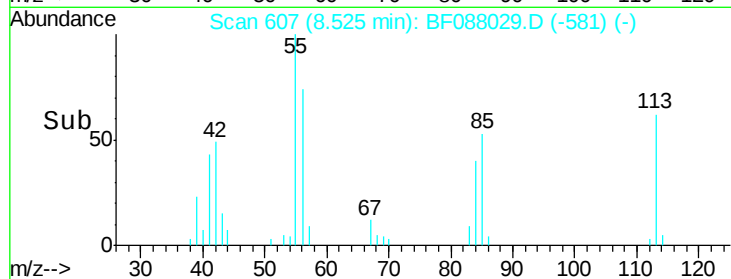
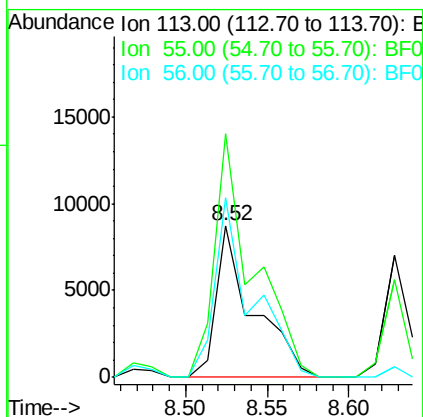
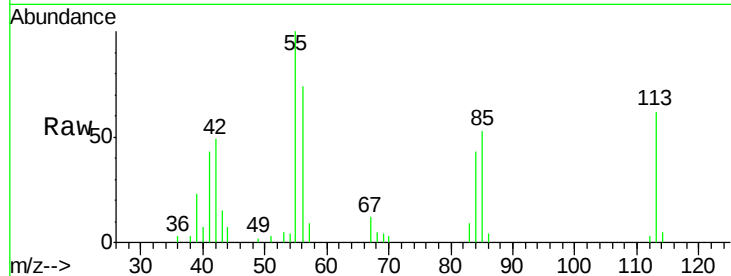




#35
 Caprolactam
 Concen: 6.47 ng
 RT: 8.52 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF088029.D
 Acq: 15 Jun 2016 6:16

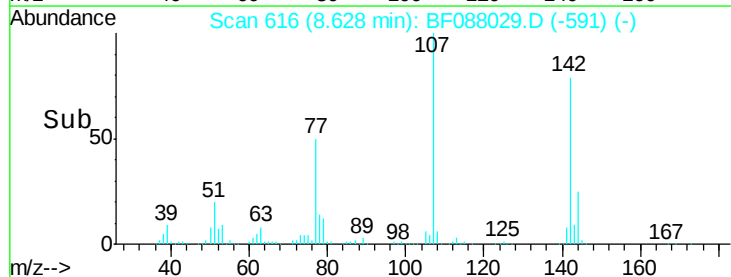
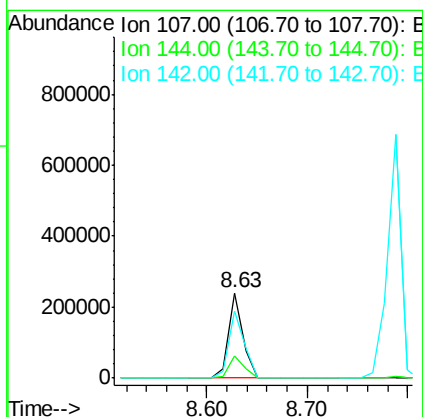
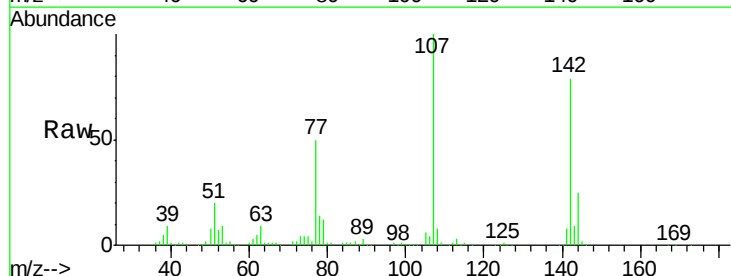
Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MSD

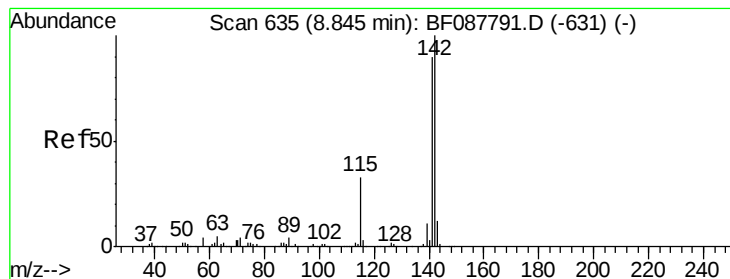
Tgt Ion:113 Resp: 13670
 Ion Ratio Lower Upper
 113 100
 55 160.4 158.6 198.6
 56 118.6 110.6 150.6



#36
 4-Chloro-3-methylphenol
 Concen: 34.84 ng
 RT: 8.63 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF088029.D
 Acq: 15 Jun 2016 6:16

Tgt Ion:107 Resp: 237743
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.8 31.2
 142 79.0 63.4 95.2





#37

2-Methylnaphthalene

Concen: 41.11 ng

RT: 8.89 min Scan# 639

Delta R.T. 0.10 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MSD

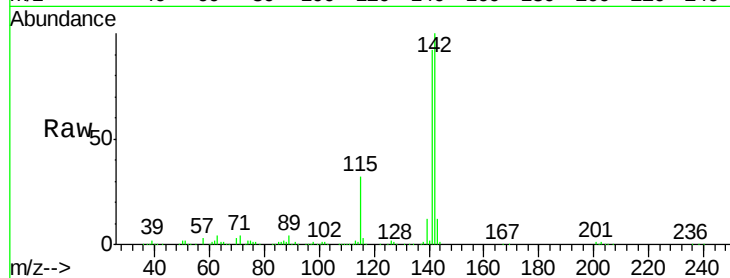
Tgt Ion:142 Resp: 626223

Ion Ratio Lower Upper

142 100

141 92.2 71.0 106.6

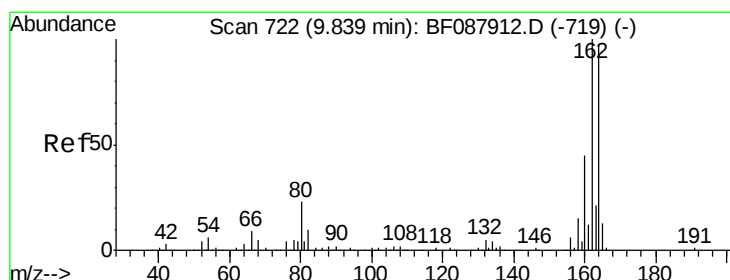
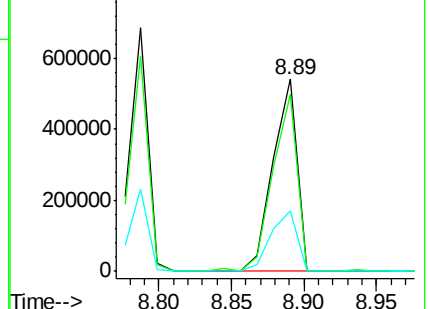
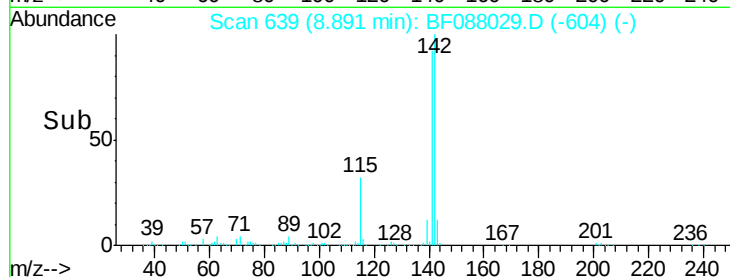
115 31.6 22.6 33.8



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: 9.83 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

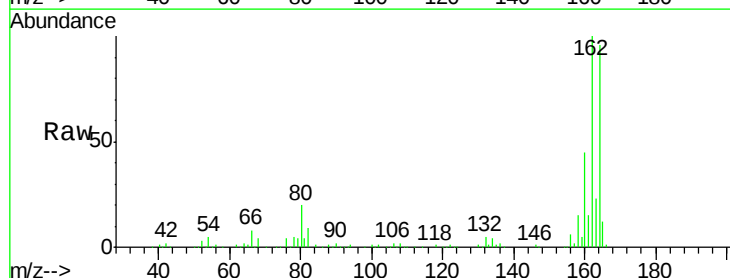
Tgt Ion:164 Resp: 203240

Ion Ratio Lower Upper

164 100

162 104.1 85.4 128.2

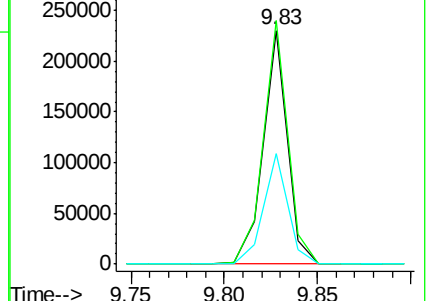
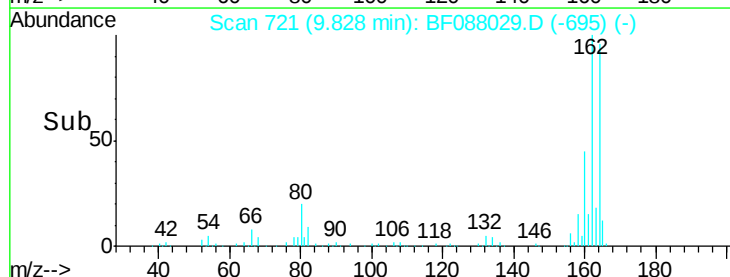
160 47.1 39.5 59.3



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

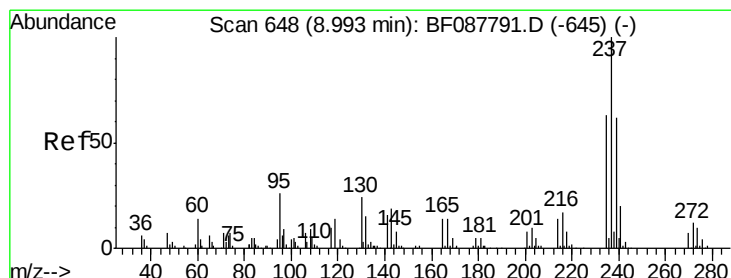
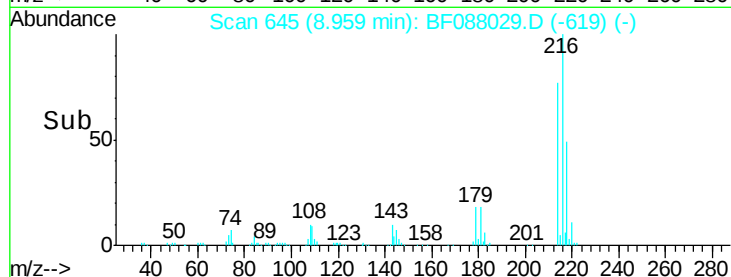
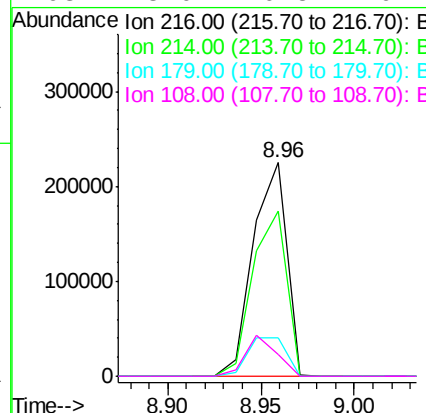
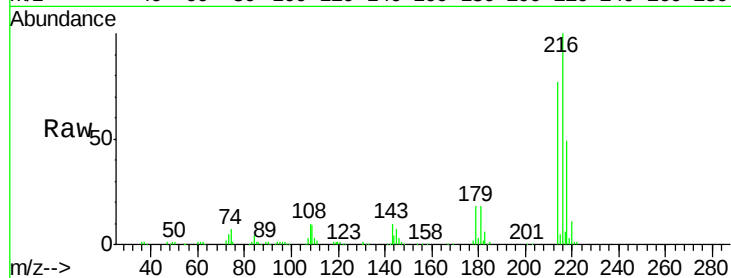




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 59.08 ng
 RT: 8.96 min Scan# 645
 Delta R.T. 0.00 min
 Lab File: BF088029.D
 Acq: 15 Jun 2016 6:16

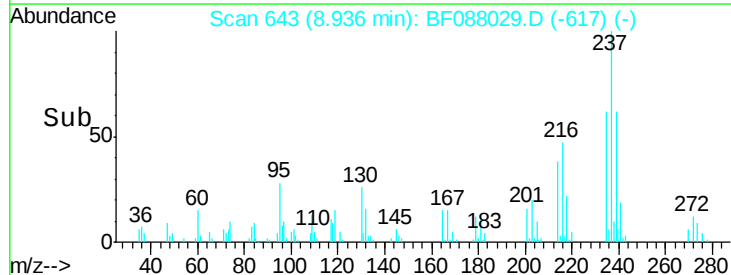
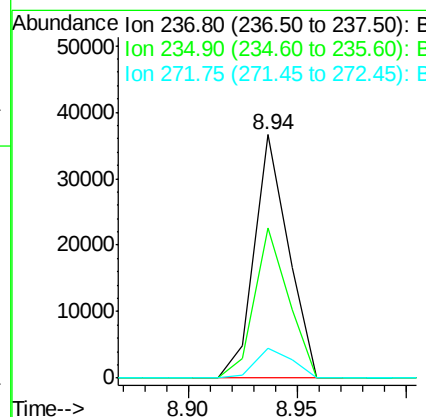
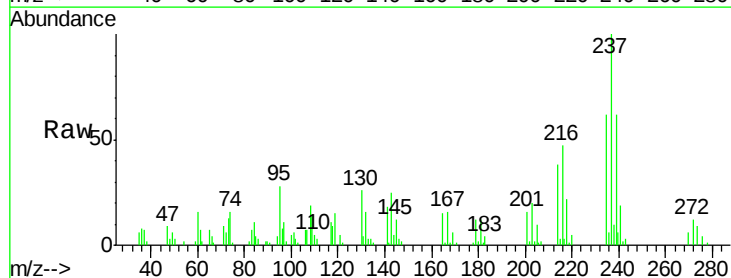
Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MSD

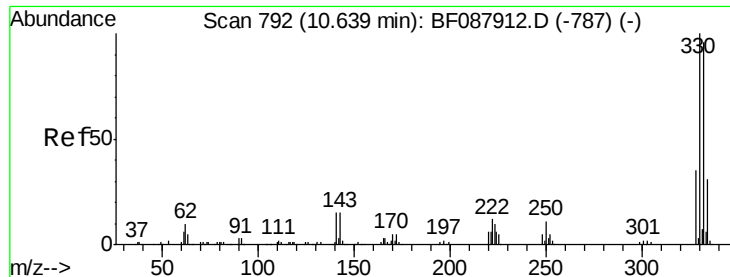
Tgt Ion:	216	Resp:	279666
Ion	Ratio	Lower	Upper
216	100		
214	78.6	2.9	4.3#
179	21.2	0.0	0.0#
108	18.0	0.5	0.7#



#40
 Hexachlorocyclopentadiene
 Concen: 12.15 ng
 RT: 8.94 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: BF088029.D
 Acq: 15 Jun 2016 6:16

Tgt Ion:	237	Resp:	39817
Ion	Ratio	Lower	Upper
237	100		
235	61.9	43.4	83.4
272	12.3	0.0	32.3

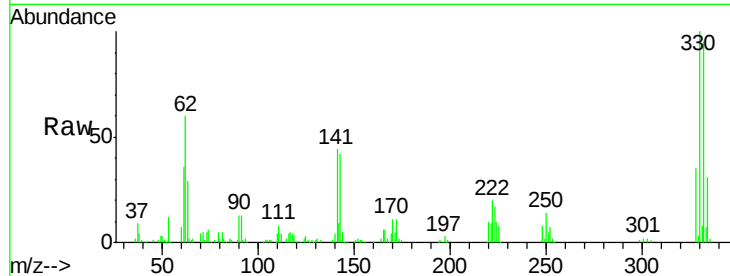




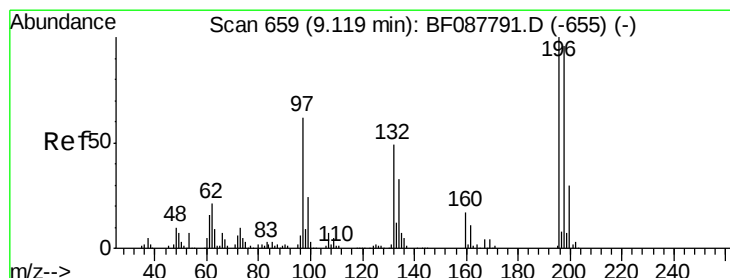
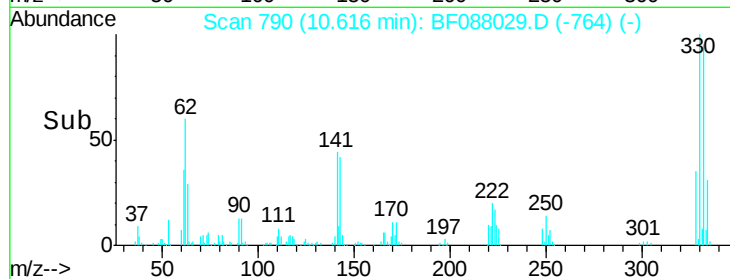
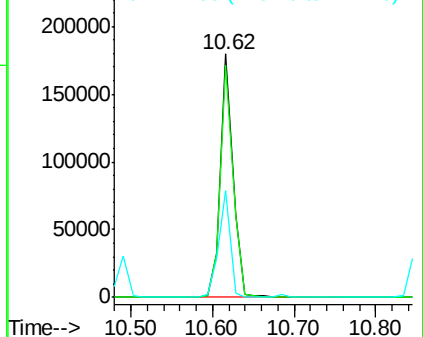
#41
 2,4,6-Tribromophenol
 Concen: 89.73 ng
 RT: 10.62 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF088029.D
 Acq: 15 Jun 2016 6:16

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MSD

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	40.7	0.0	0.0#

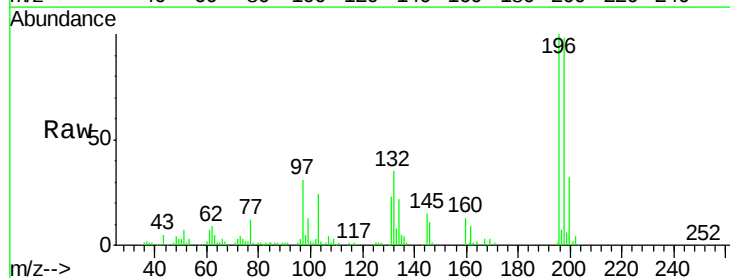


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

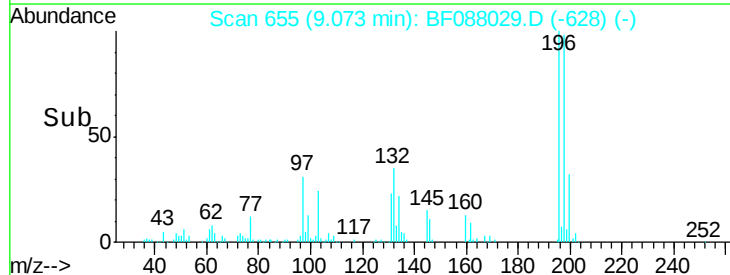
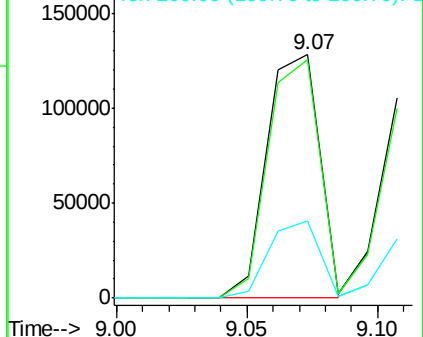


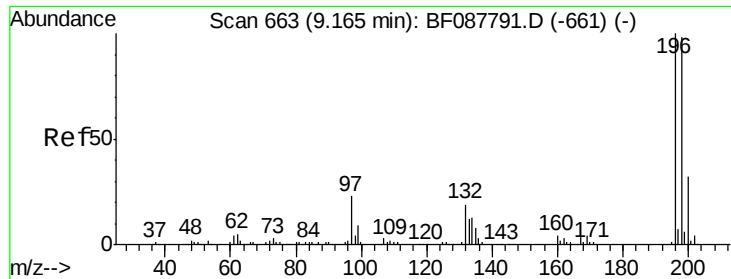
#42
 2,4,6-Trichlorophenol
 Concen: 44.19 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.01 min
 Lab File: BF088029.D
 Acq: 15 Jun 2016 6:16

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.9	78.0	117.0
200	31.9	25.4	38.2



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

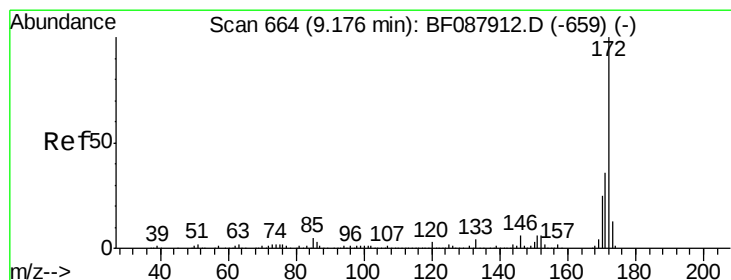
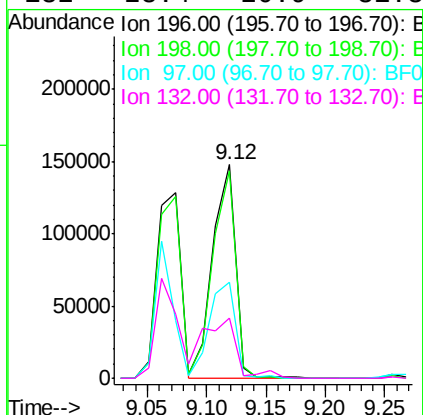
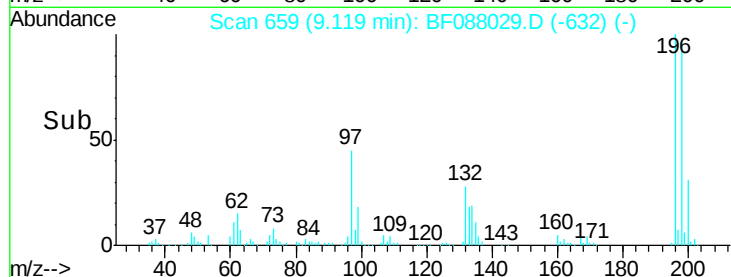
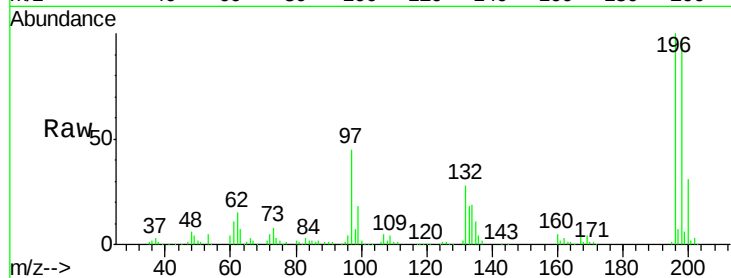




#43
 2,4,5-Trichlorophenol
 Concen: 46.71 ng
 RT: 9.12 min Scan# 659
 Delta R.T. 0.01 min
 Lab File: BF088029.D
 Acq: 15 Jun 2016 6:16

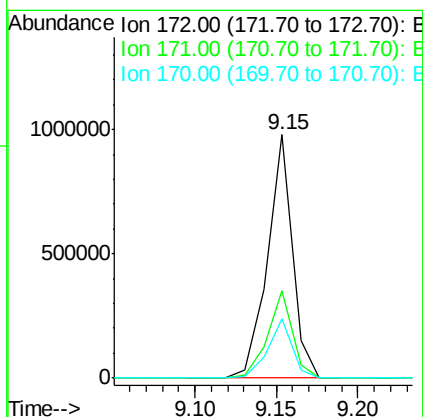
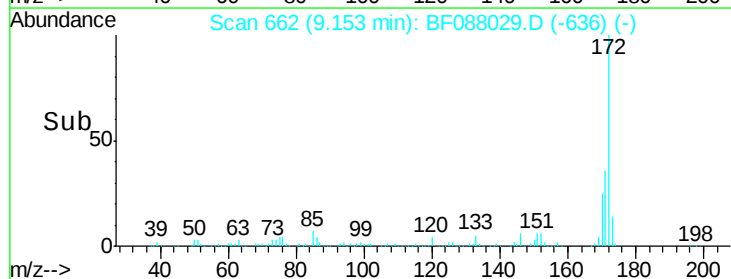
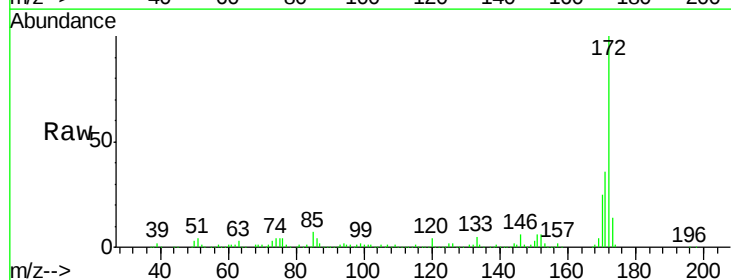
Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MSD

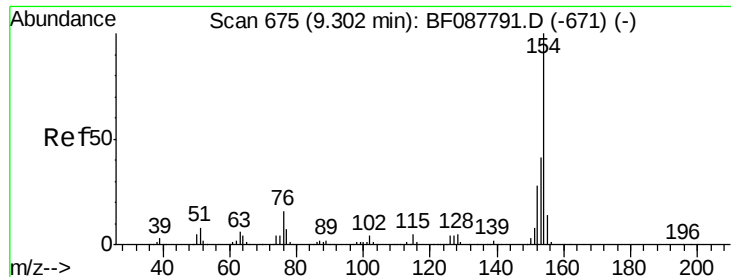
Tgt Ion:196 Resp: 197531
 Ion Ratio Lower Upper
 196 100
 198 97.1 77.5 116.3
 97 45.0 32.0 48.0
 132 28.4 20.9 31.3



#44
 2-Fluorobiphenyl
 Concen: 80.18 ng
 RT: 9.15 min Scan# 662
 Delta R.T. 0.00 min
 Lab File: BF088029.D
 Acq: 15 Jun 2016 6:16

Tgt Ion:172 Resp: 1041452
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 43.0
 170 24.5 19.2 28.8





#45

1,1'-Biphenyl

Concen: 53.51 ng

RT: 9.26 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MSD

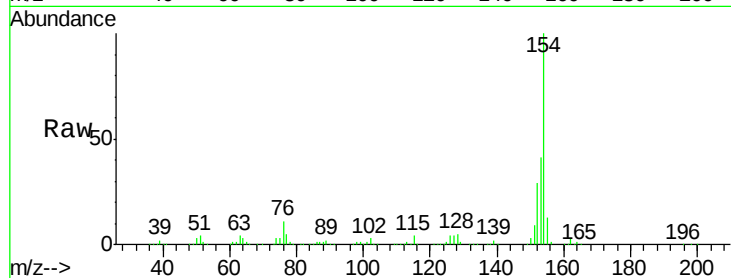
Tgt Ion:154 Resp: 798464

Ion Ratio Lower Upper

154 100

153 41.0 20.6 60.6

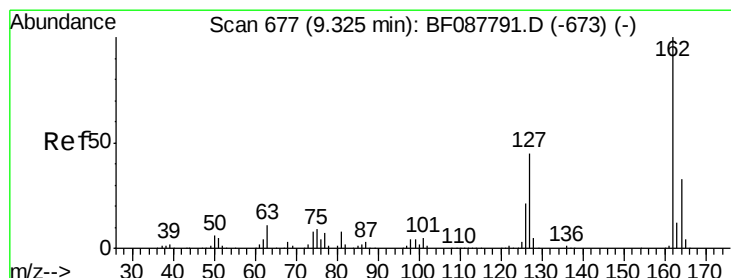
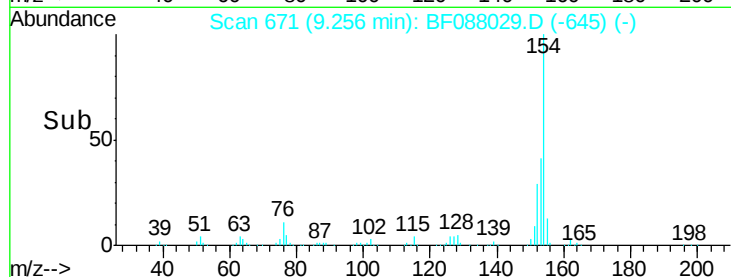
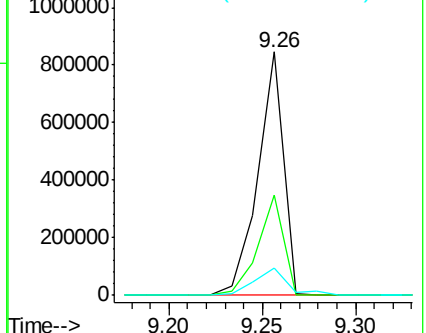
76 11.1 0.0 35.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 46.81 ng

RT: 9.28 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

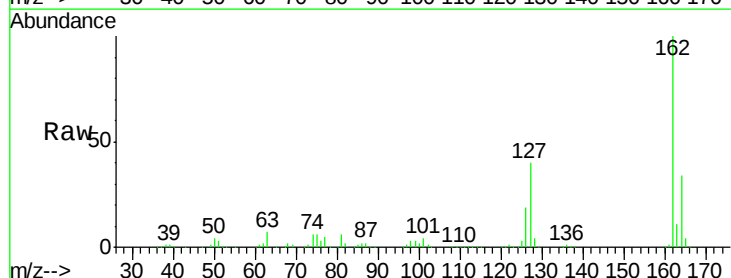
Tgt Ion:162 Resp: 615661

Ion Ratio Lower Upper

162 100

127 40.3 35.2 52.8

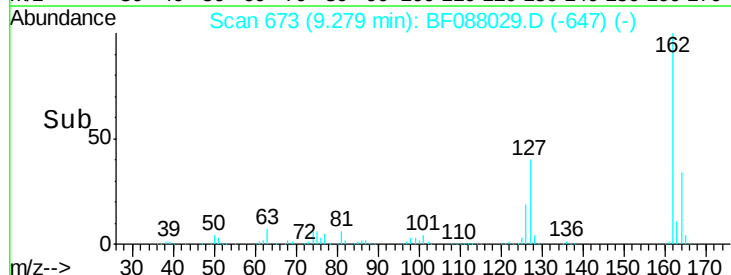
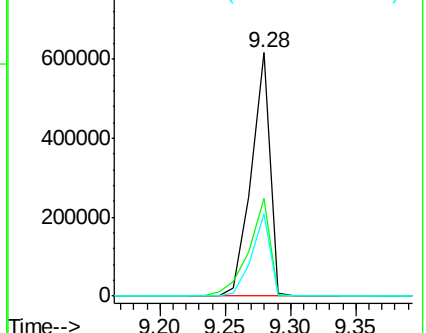
164 33.9 26.6 39.8

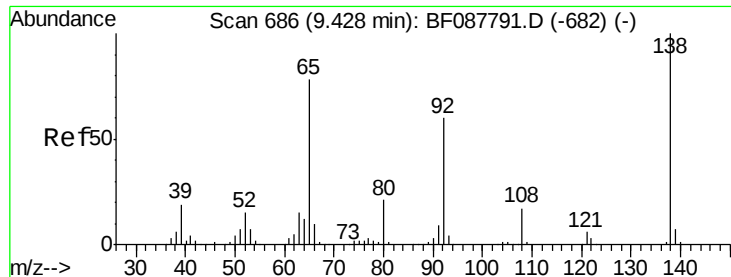


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

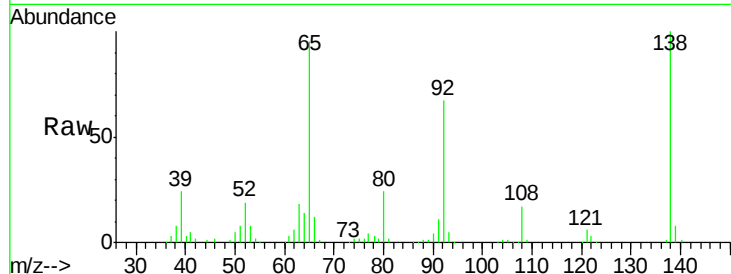




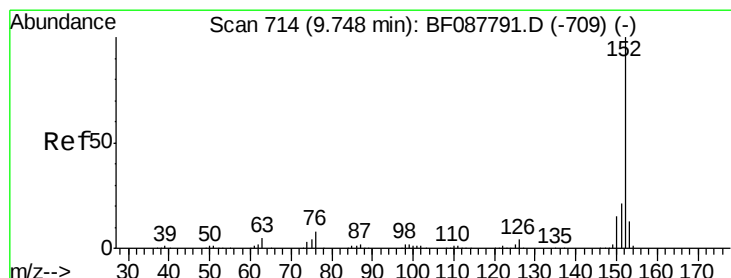
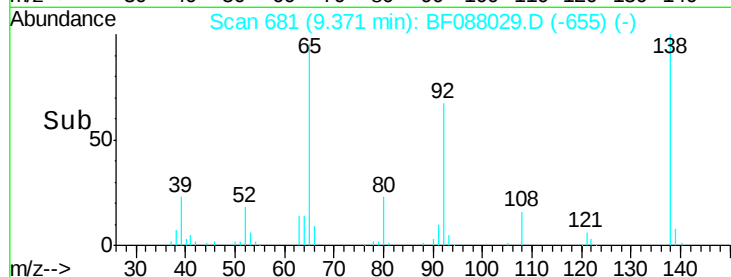
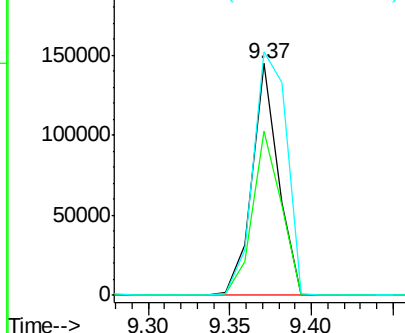
#47
2-Nitroaniline
Concen: 41.93 ng
RT: 9.37 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF088029.D
Acq: 15 Jun 2016 6:16

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

Tgt Ion: 65 Resp: 162690
Ion Ratio Lower Upper
65 100
92 70.7 54.6 82.0
138 105.0 77.0 115.4

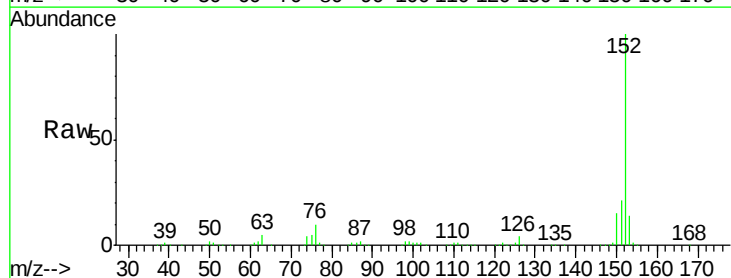


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

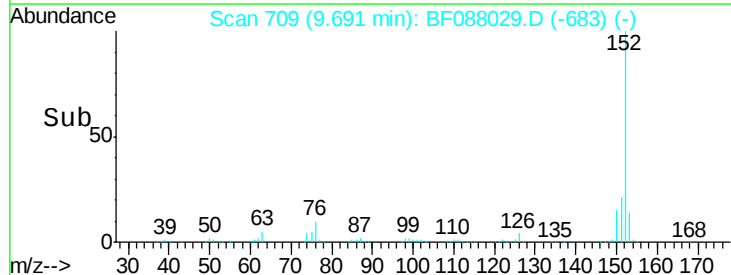
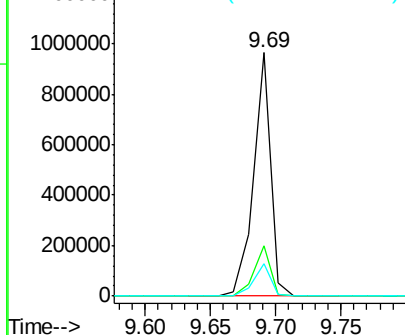


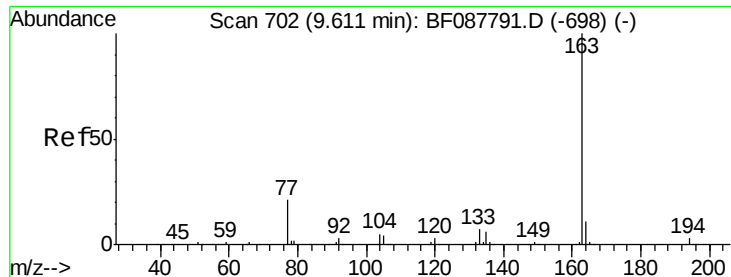
#48
Acenaphthylene
Concen: 41.94 ng
RT: 9.69 min Scan# 709
Delta R.T. 0.00 min
Lab File: BF088029.D
Acq: 15 Jun 2016 6:16

Tgt Ion: 152 Resp: 877264
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 13.5 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: 53.95 ng

RT: 9.56 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MSD

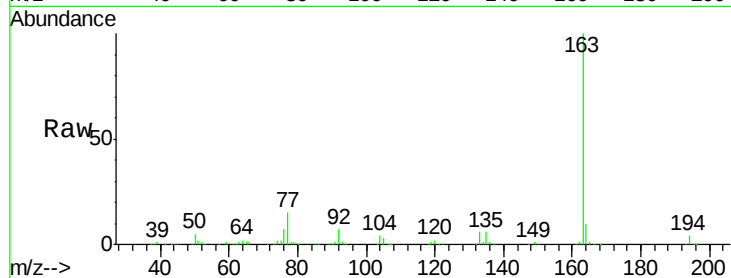
Tgt Ion:163 Resp: 794225

Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

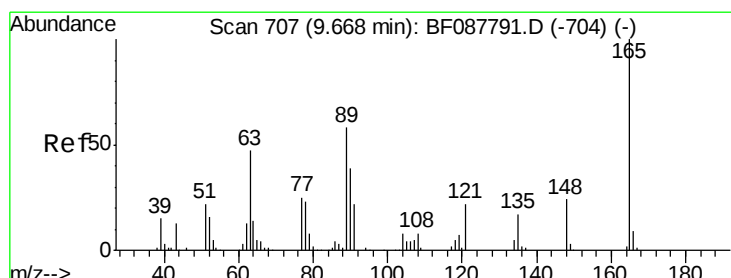
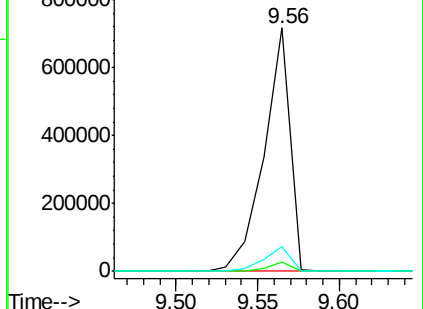
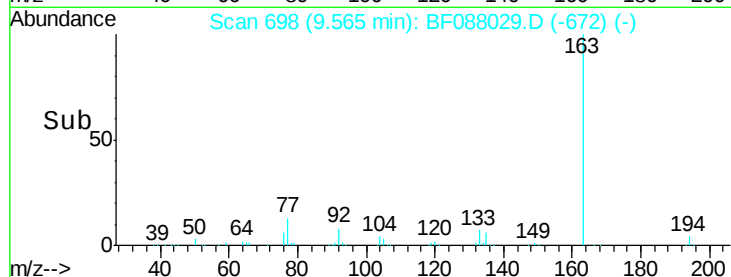
164 10.2 8.3 12.5



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: 50.33 ng

RT: 9.62 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

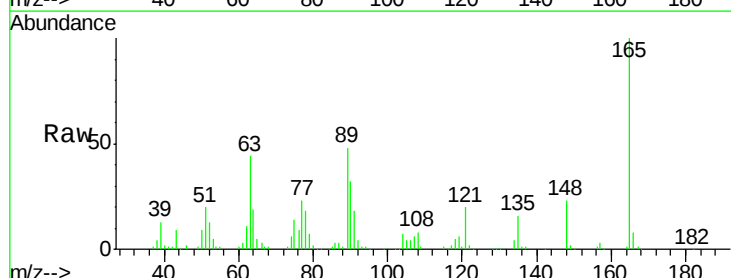
Tgt Ion:165 Resp: 169706

Ion Ratio Lower Upper

165 100

63 43.5 28.1 42.1#

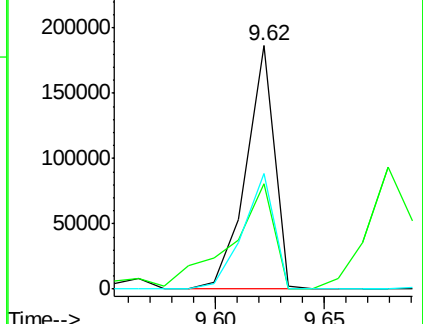
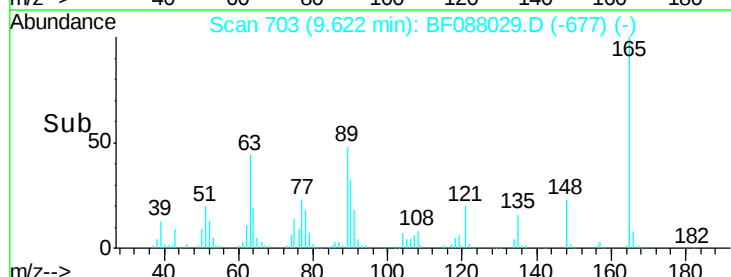
89 47.5 32.2 48.2

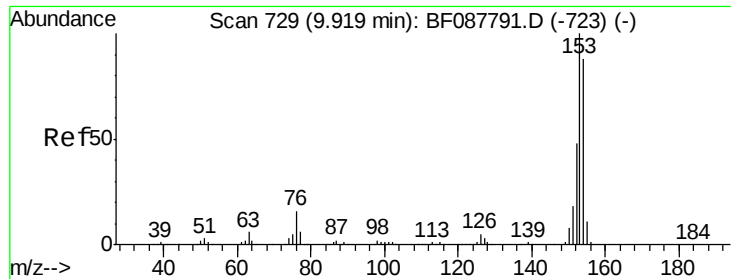


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.23 ng

RT: 9.86 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MSD

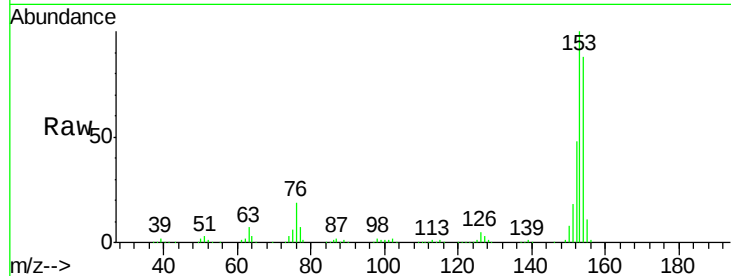
Tgt Ion:154 Resp: 524969

Ion Ratio Lower Upper

154 100

153 114.1 89.5 134.3

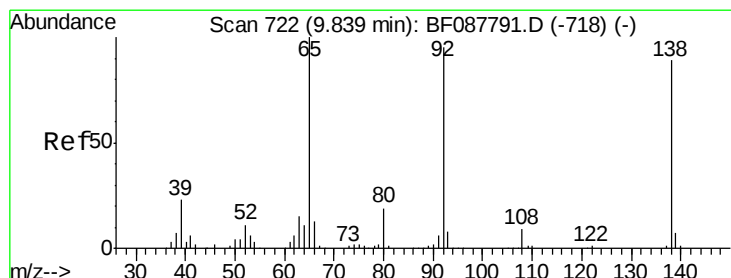
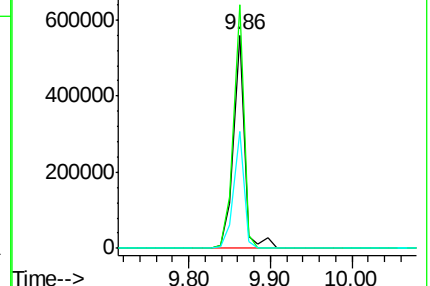
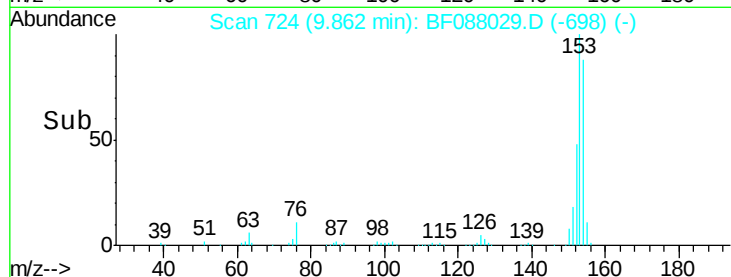
152 54.8 42.7 64.1



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: 31.97 ng

RT: 9.78 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

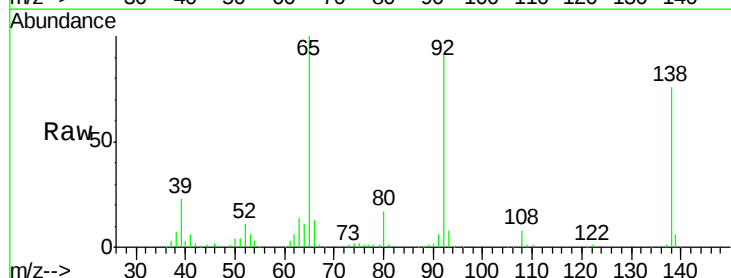
Tgt Ion:138 Resp: 124395

Ion Ratio Lower Upper

138 100

108 10.3 8.5 12.7

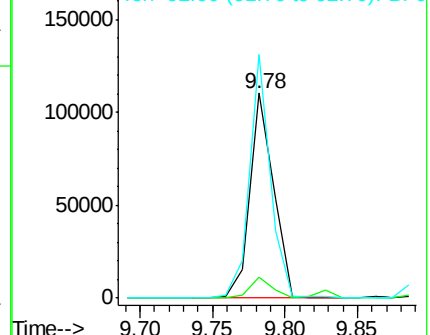
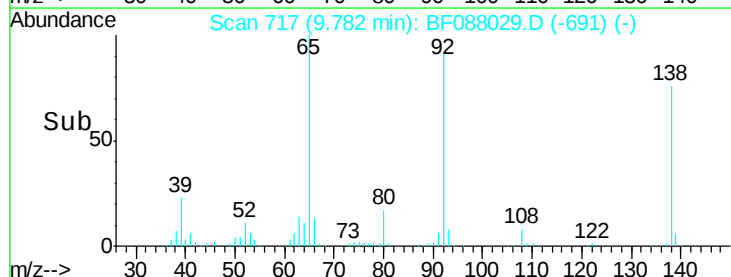
92 118.9 95.7 143.5

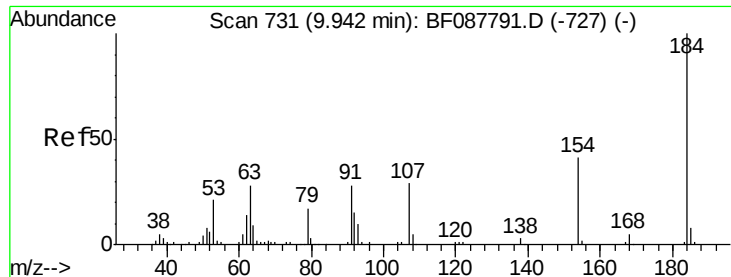


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

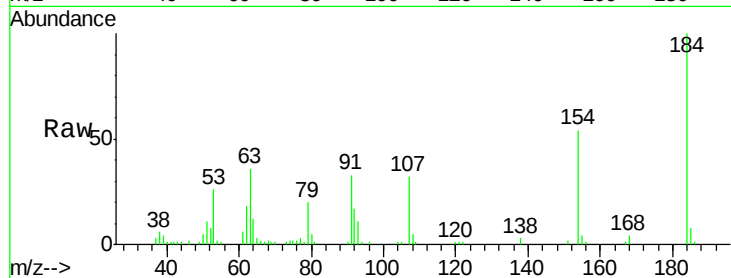




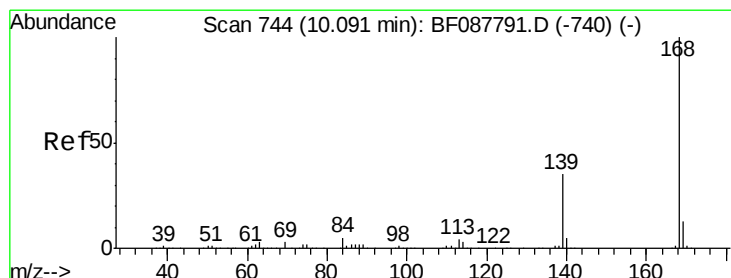
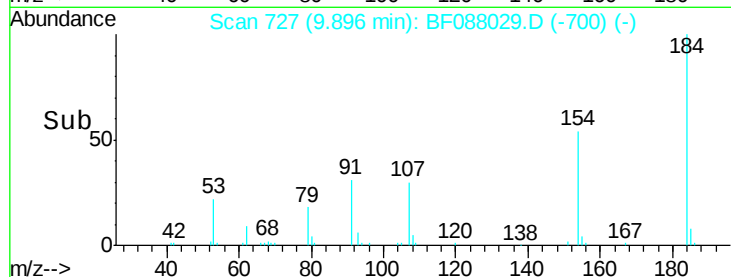
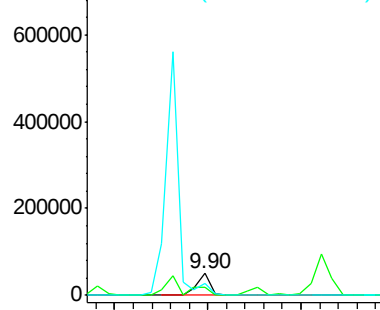
#53
 2,4-Dinitrophenol
 Concen: 35.06 ng
 RT: 9.90 min Scan# 727
 Delta R.T. 0.01 min
 Lab File: BF088029.D
 Acq: 15 Jun 2016 6:16

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MSD

Tgt Ion:184 Resp: 53832
 Ion Ratio Lower Upper
 184 100
 63 35.5 57.6 86.4#
 154 54.3 53.5 80.3

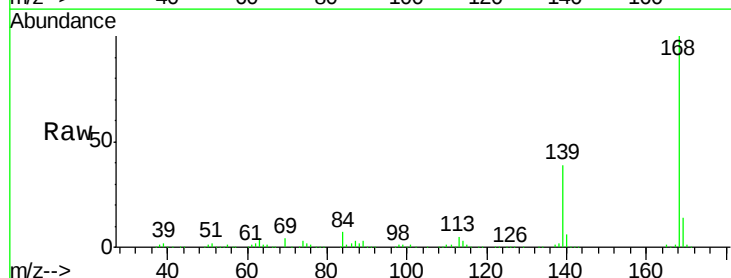


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

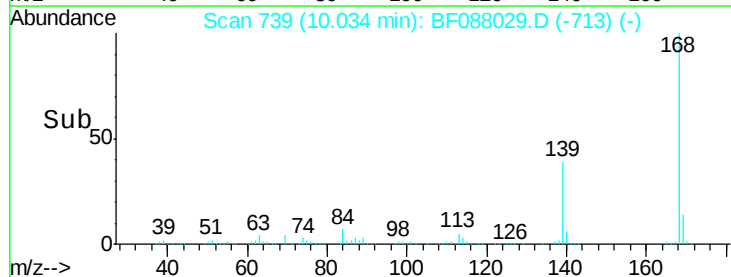
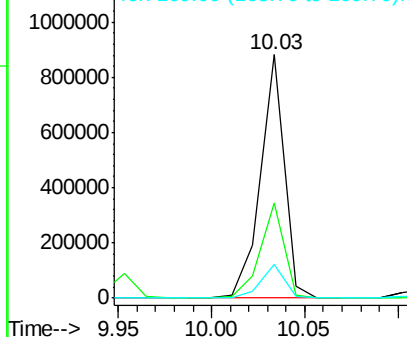


#54
 Dibenzofuran
 Concen: 43.01 ng
 RT: 10.03 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF088029.D
 Acq: 15 Jun 2016 6:16

Tgt Ion:168 Resp: 773037
 Ion Ratio Lower Upper
 168 100
 139 39.3 26.4 39.6
 169 13.8 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: 28.32 ng

RT: 9.95 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MSD

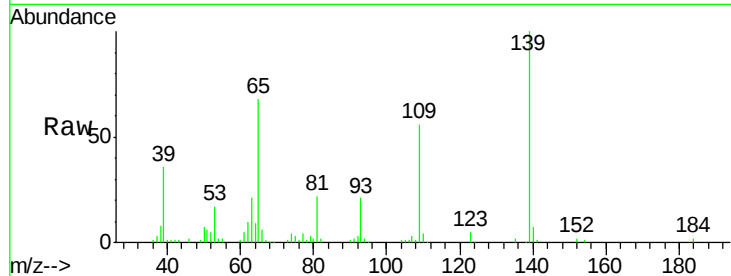
Tgt Ion:139 Resp: 85526

Ion Ratio Lower Upper

139 100

109 56.1 48.9 88.9

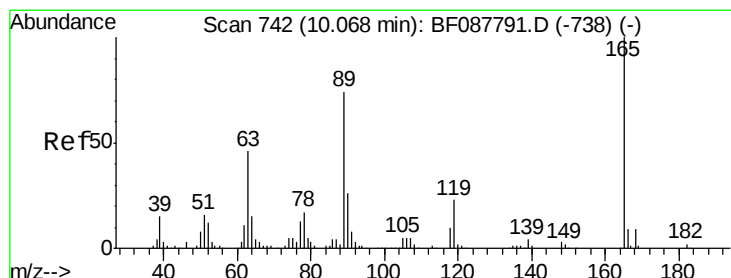
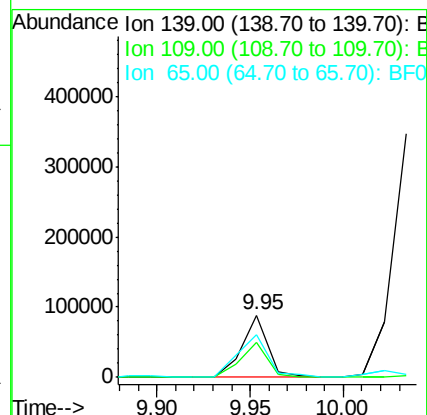
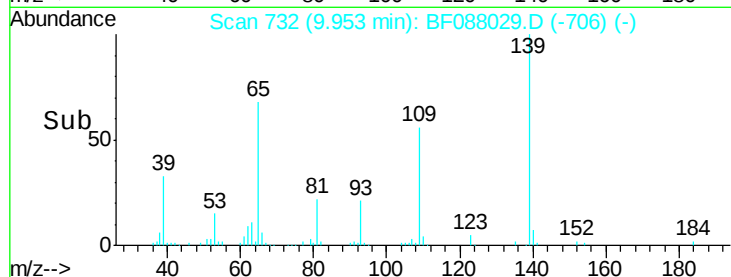
65 68.4 84.9 124.9#



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: 43.43 ng

RT: 10.02 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

Tgt Ion:165 Resp: 188200

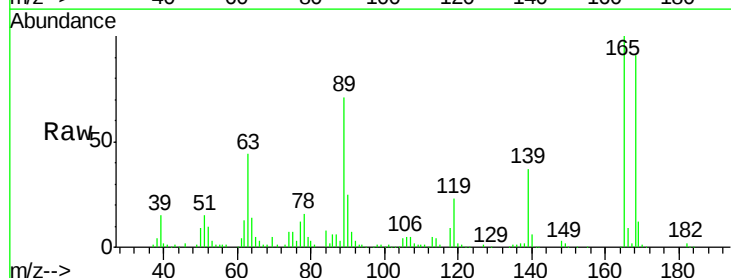
Ion Ratio Lower Upper

165 100

63 44.4 22.0 33.0#

89 70.6 41.1 61.7#

182 2.4 2.0 3.0

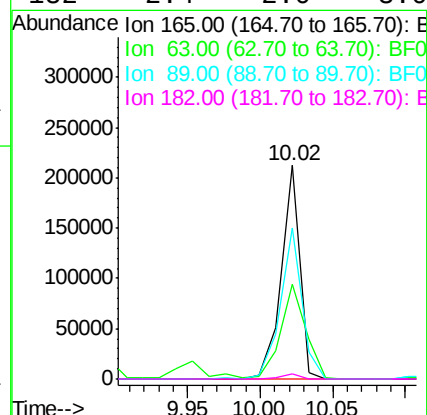
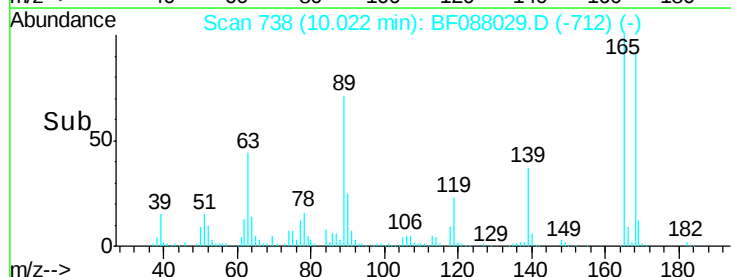


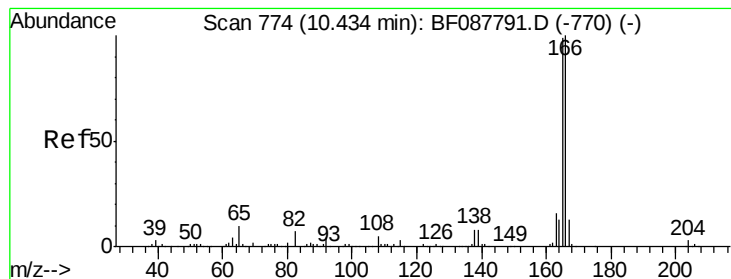
Abundance Ion 165.00 (164.70 to 165.70): E

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: 47.32 ng

RT: 10.38 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MSD

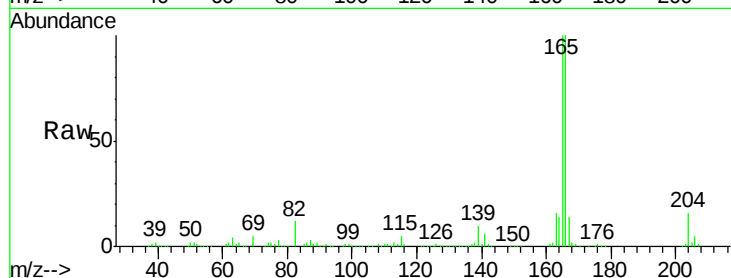
Tgt Ion:166 Resp: 571737

Ion Ratio Lower Upper

166 100

165 99.6 77.8 116.8

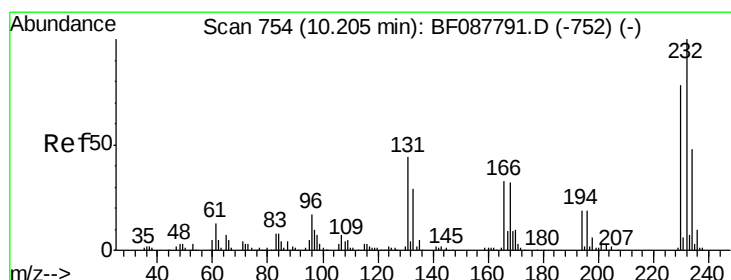
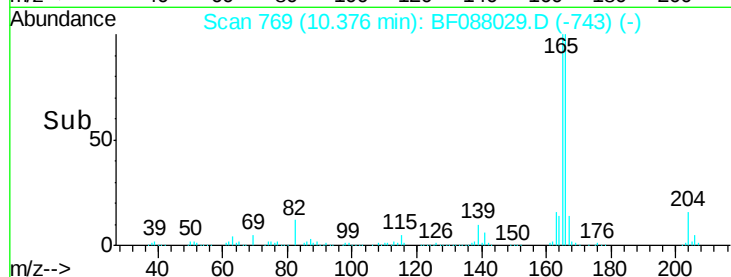
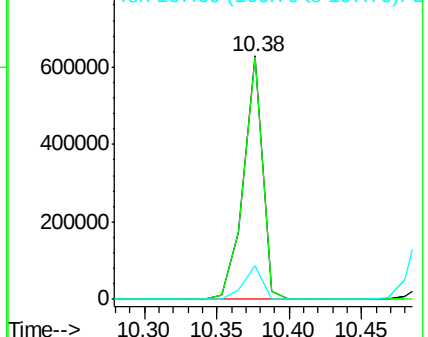
167 13.6 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.57 ng

RT: 10.15 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

Tgt Ion:232 Resp: 134829

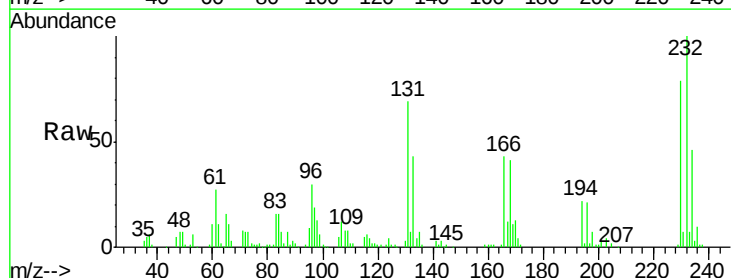
Ion Ratio Lower Upper

232 100

131 48.1 0.9 1.3#

130 2.1 1.5 2.3

166 32.8 0.5 0.7#

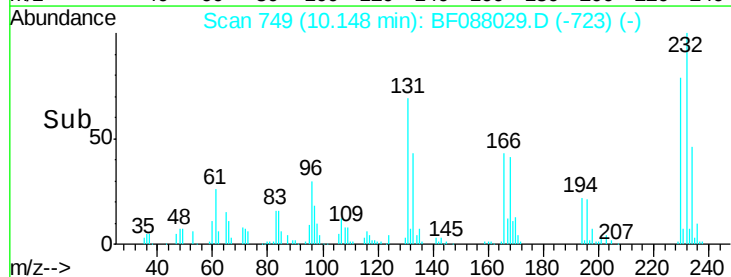
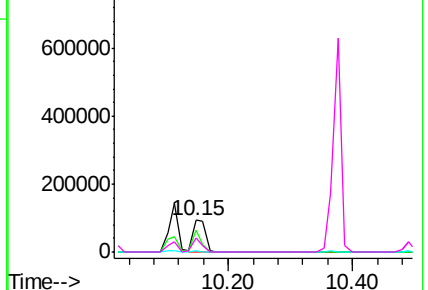


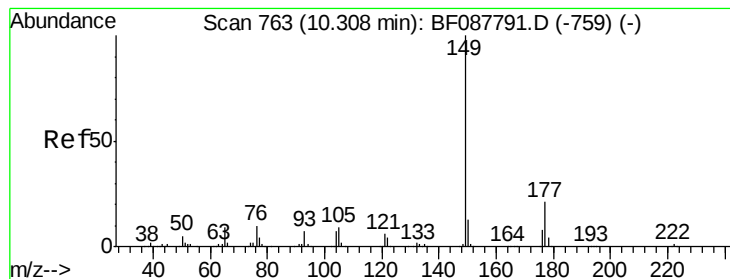
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 48.06 ng

RT: 10.26 min Scan# 759

Delta R.T. 0.01 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MSD

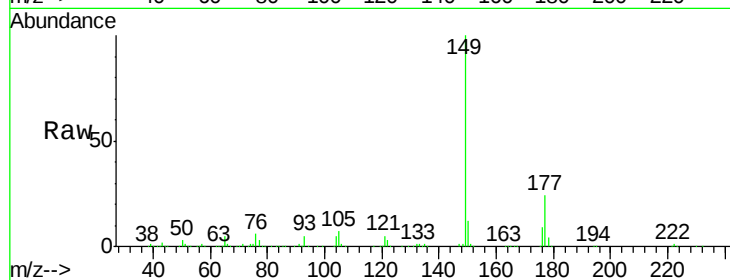
Tgt Ion:149 Resp: 716162

Ion Ratio Lower Upper

149 100

177 23.7 16.9 25.3

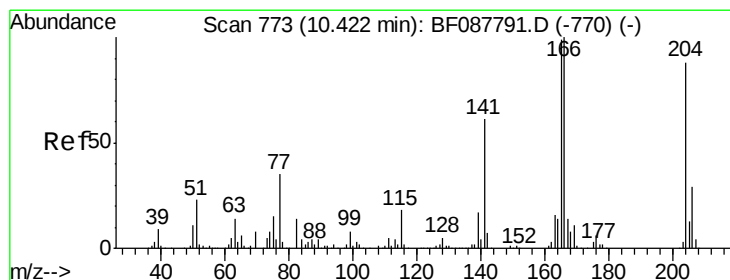
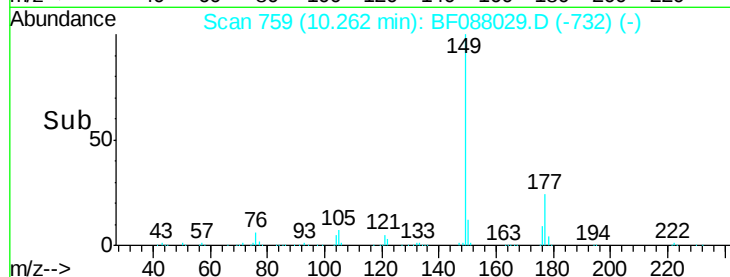
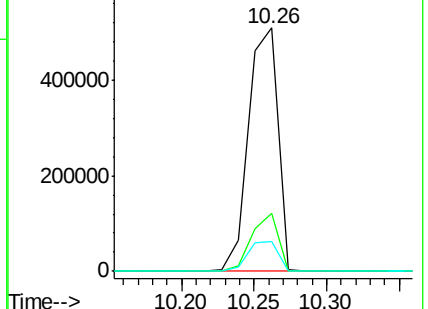
150 12.2 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.83 ng

RT: 10.36 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

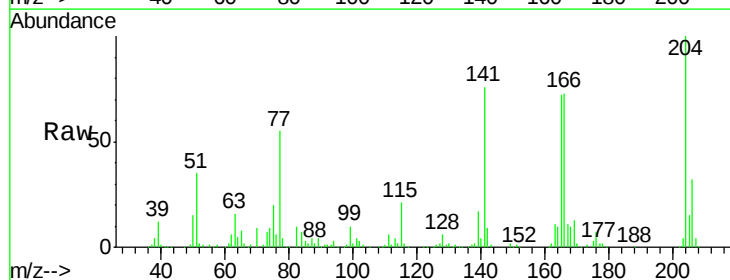
Tgt Ion:204 Resp: 238027

Ion Ratio Lower Upper

204 100

206 32.3 26.3 39.5

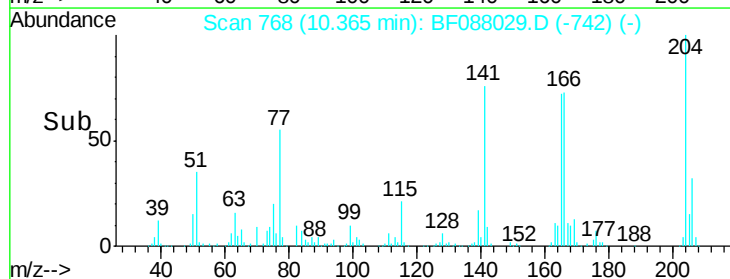
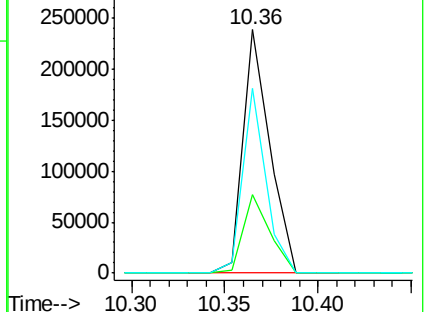
141 76.1 55.0 82.6



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.71 ng

RT: 10.40 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MSD

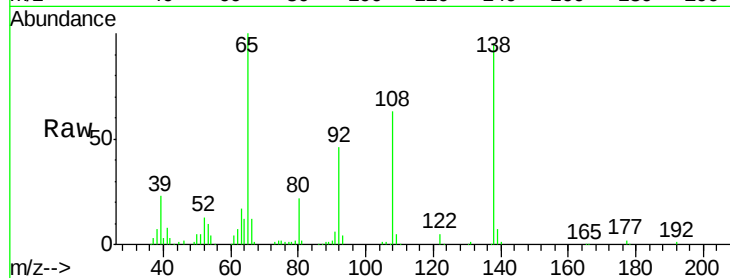
Tgt Ion:138 Resp: 142864

Ion Ratio Lower Upper

138 100

92 49.0 27.3 67.3

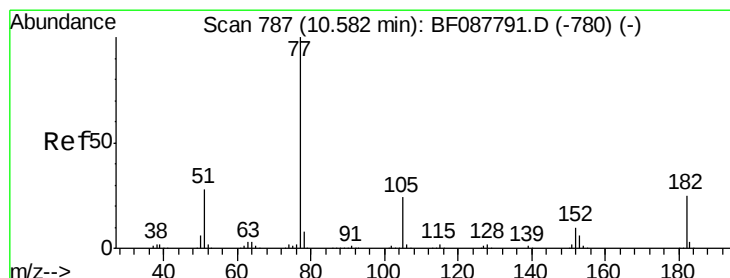
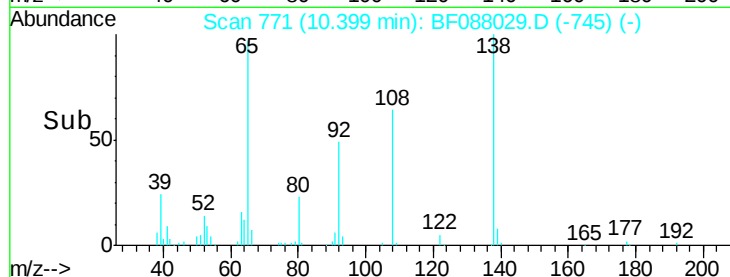
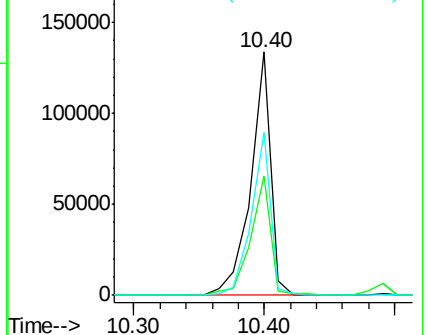
108 66.9 46.7 86.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 41.52 ng

RT: 10.52 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

Tgt Ion: 77 Resp: 611819

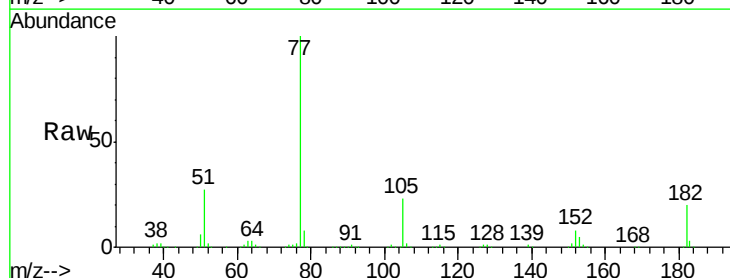
Ion Ratio Lower Upper

77 100

182 20.5 4.4 44.4

105 22.7 3.8 43.8

51 26.8 9.3 49.3

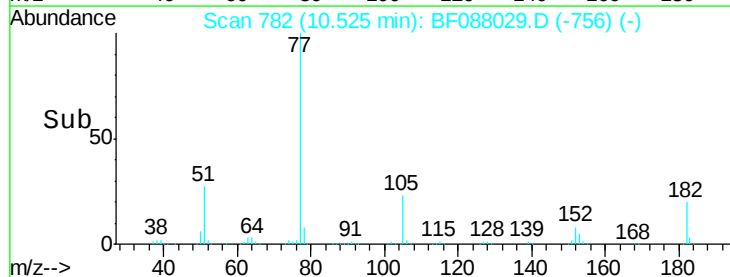
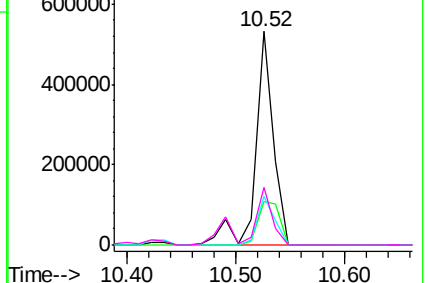


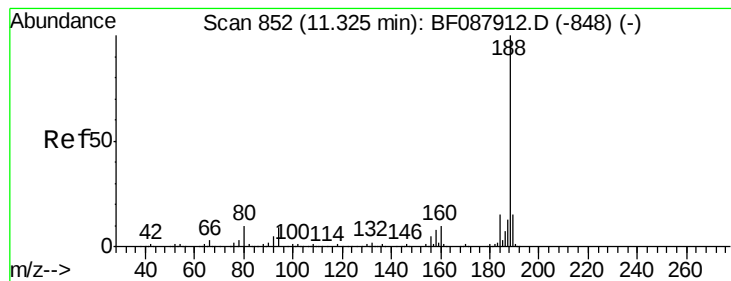
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.30 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MSD

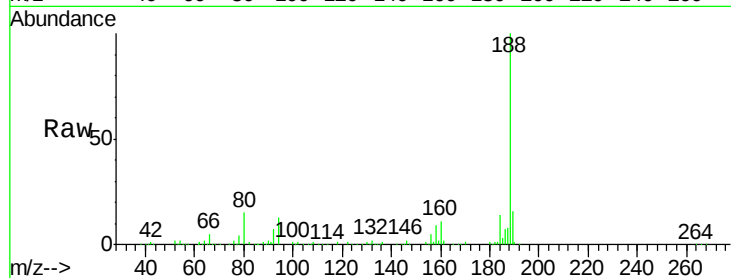
Tgt Ion:188 Resp: 331025

Ion Ratio Lower Upper

188 100

94 13.4 9.0 13.6

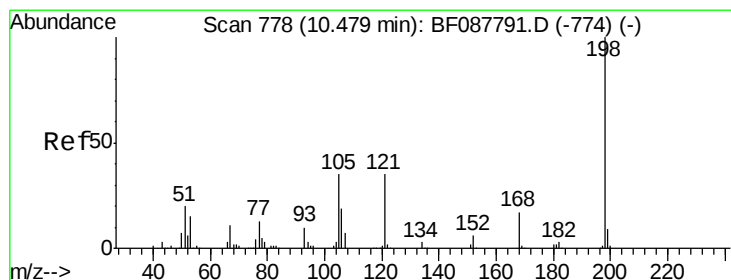
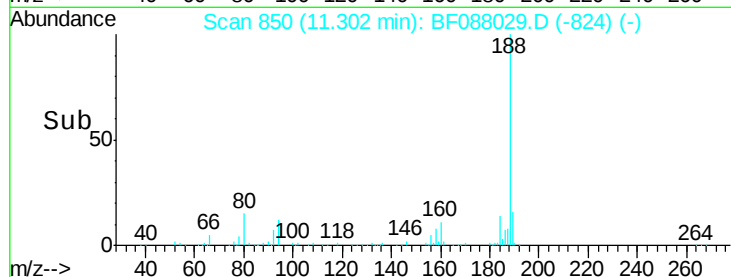
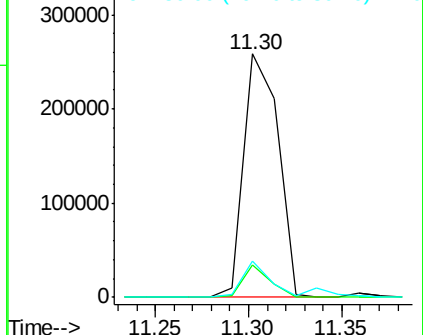
80 14.7 10.0 15.0



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: 21.96 ng

RT: 10.43 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

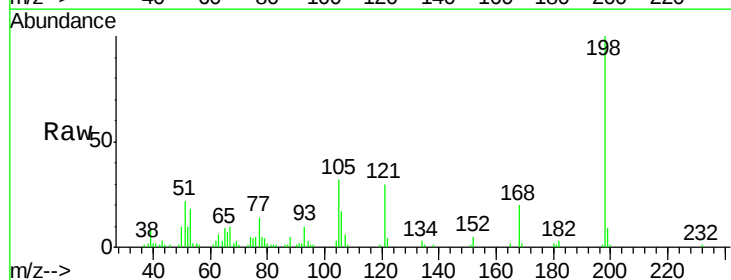
Tgt Ion:198 Resp: 42835

Ion Ratio Lower Upper

198 100

51 21.8 39.6 79.6#

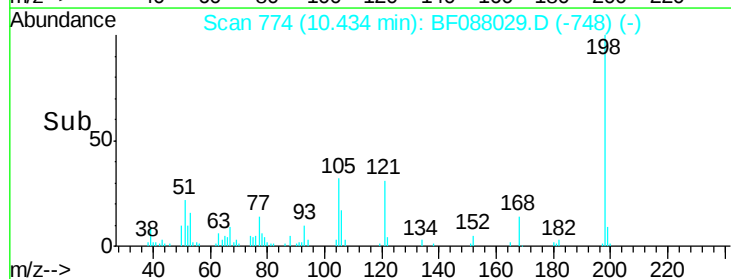
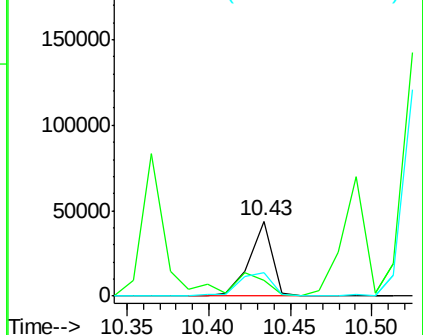
105 31.5 36.6 76.6#

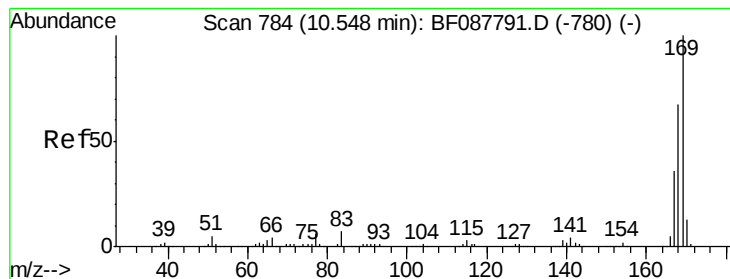


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 46.83 ng

RT: 10.49 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MSD

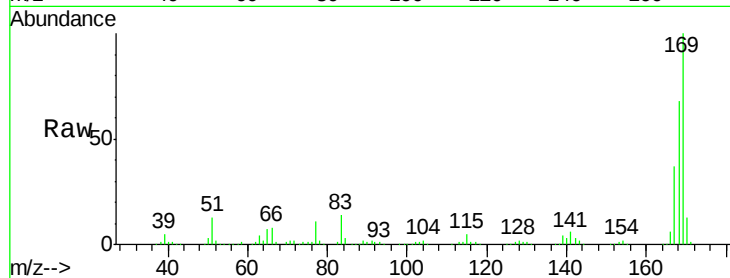
Tgt Ion:169 Resp: 514368

Ion Ratio Lower Upper

169 100

168 68.0 53.4 80.0

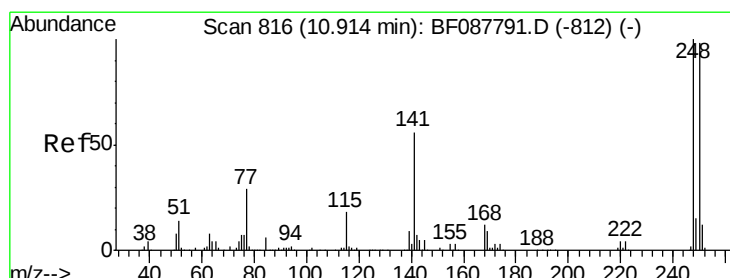
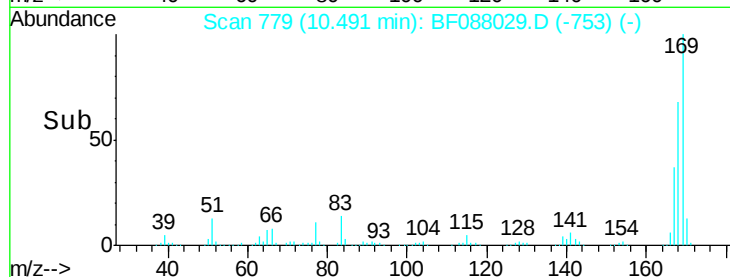
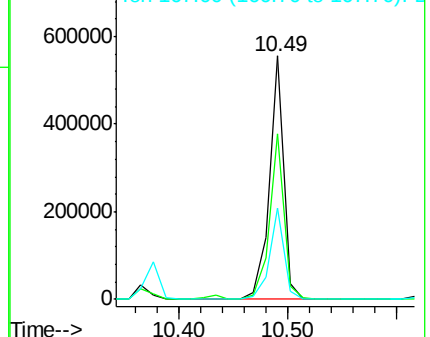
167 37.4 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 45.66 ng

RT: 10.86 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

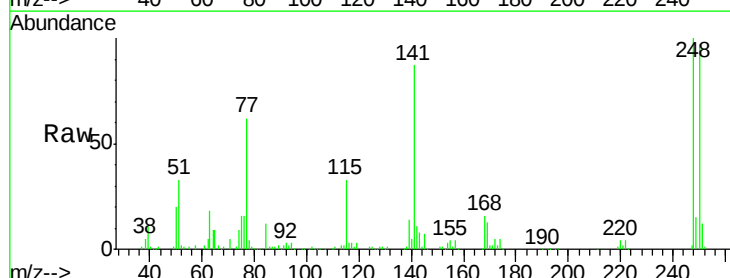
Tgt Ion:248 Resp: 162153

Ion Ratio Lower Upper

248 100

250 96.8 77.1 115.7

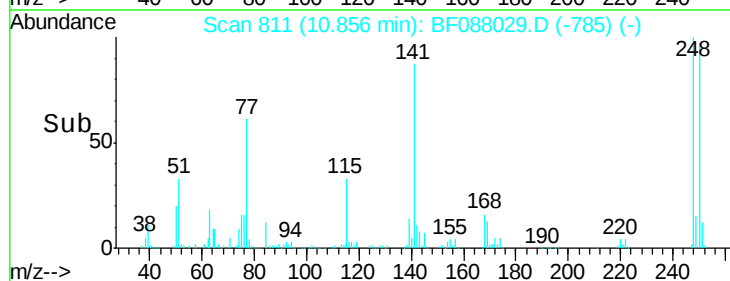
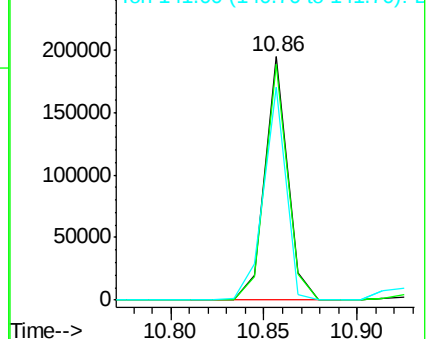
141 87.4 50.6 76.0#

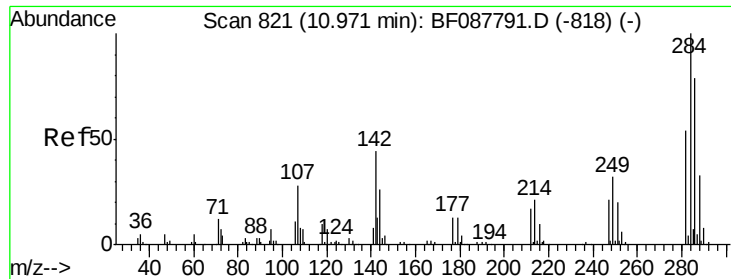


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

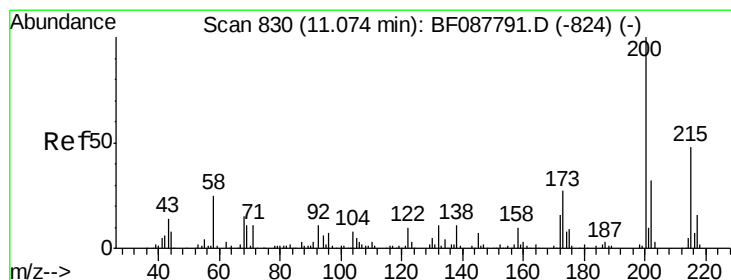
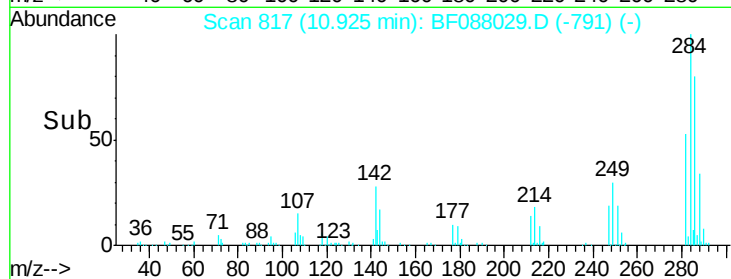
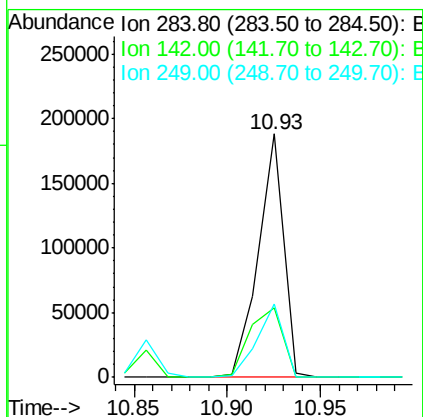
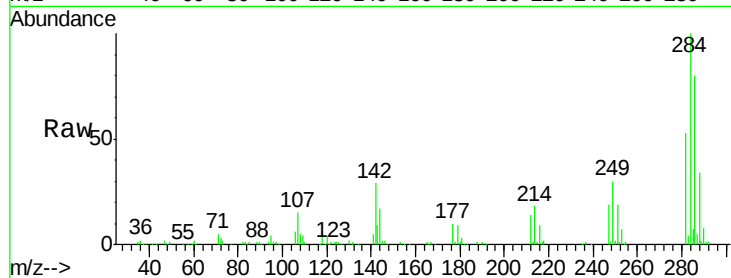




#67
Hexachlorobenzene
Concen: 47.54 ng
RT: 10.93 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF088029.D
Acq: 15 Jun 2016 6:16

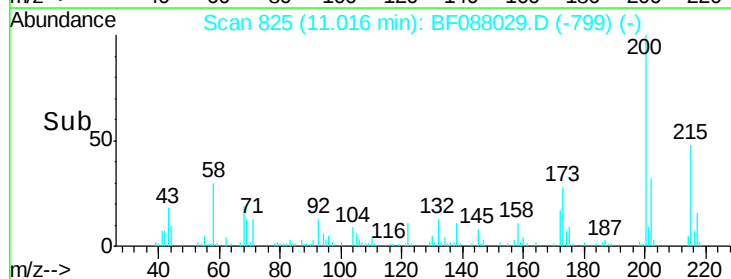
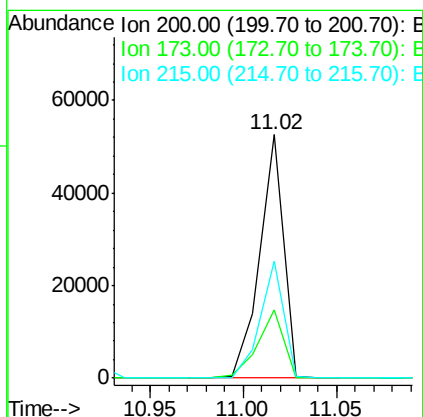
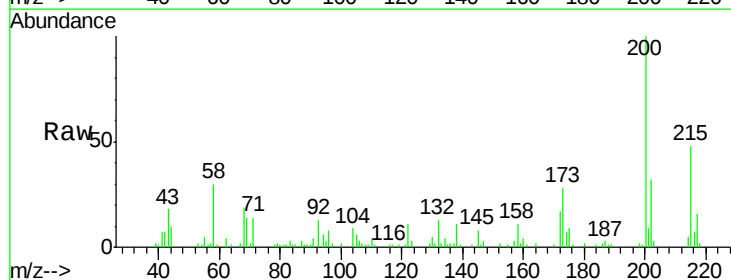
Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

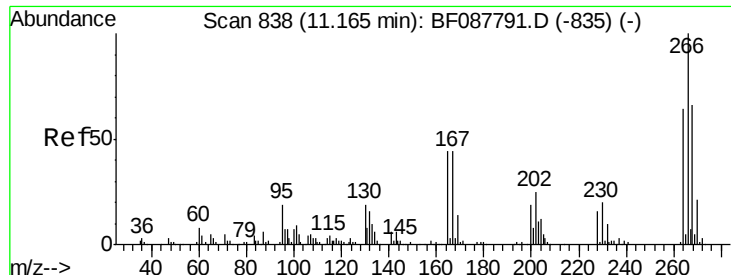
Tgt Ion: 284 Resp: 175427
Ion Ratio Lower Upper
284 100
142 28.6 35.8 53.8#
249 30.3 25.8 38.6



#68
Atrazine
Concen: 13.94 ng
RT: 11.02 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF088029.D
Acq: 15 Jun 2016 6:16

Tgt Ion: 200 Resp: 46357
Ion Ratio Lower Upper
200 100
173 27.8 4.0 44.0
215 48.3 29.3 69.3

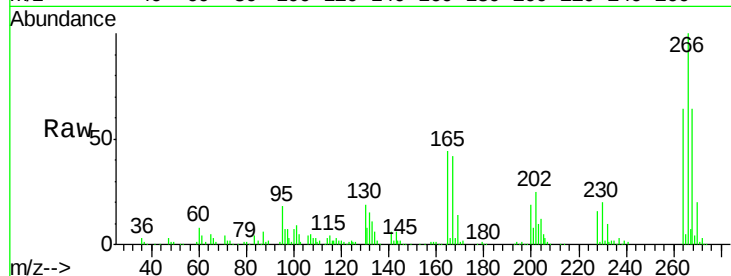




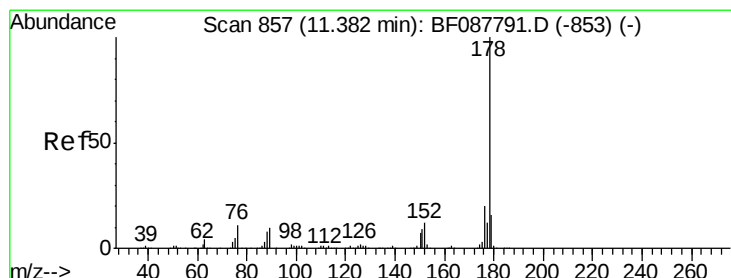
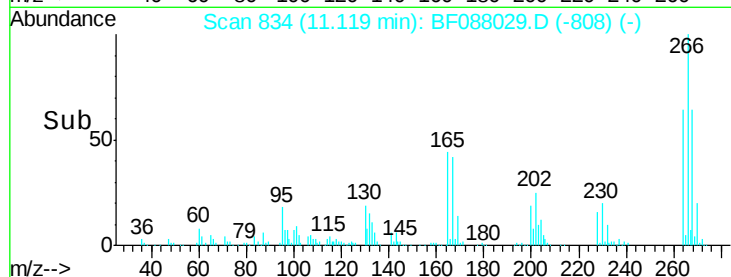
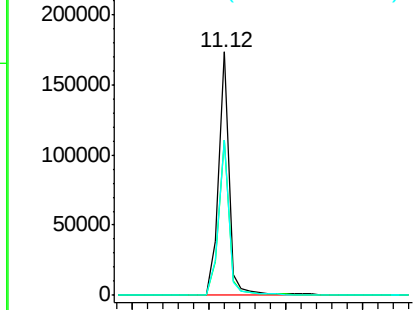
#69
 Pentachlorophenol
 Concen: 86.81 ng
 RT: 11.12 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF088029.D
 Acq: 15 Jun 2016 6:16

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MSD

Tgt Ion: 266 Resp: 168846
 Ion Ratio Lower Upper
 266 100
 268 63.7 52.8 79.2
 264 63.6 49.6 74.4

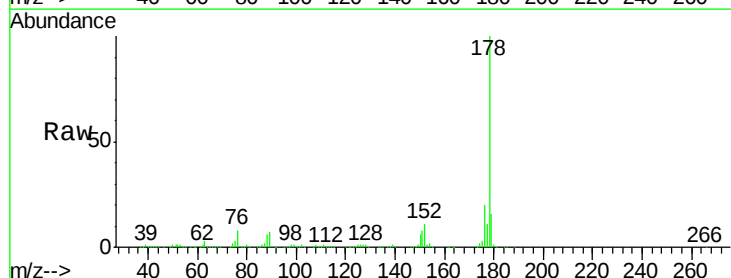


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

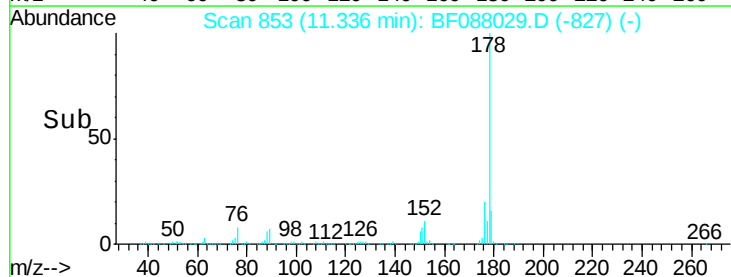
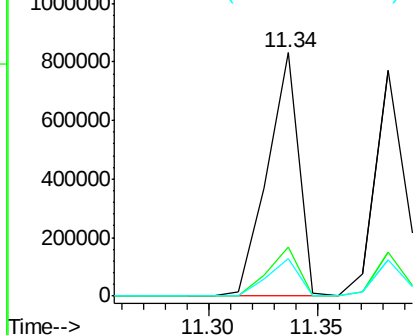


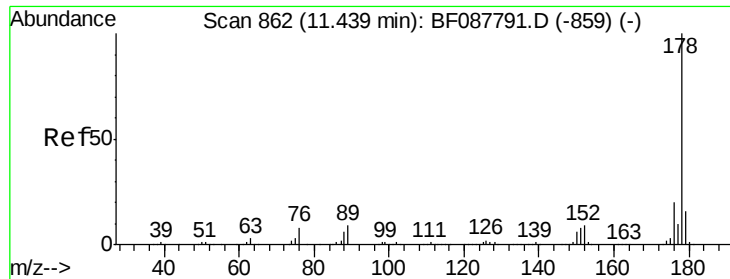
#70
 Phenanthrene
 Concen: 48.42 ng
 RT: 11.34 min Scan# 853
 Delta R.T. 0.00 min
 Lab File: BF088029.D
 Acq: 15 Jun 2016 6:16

Tgt Ion: 178 Resp: 841029
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.6
 179 15.7 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

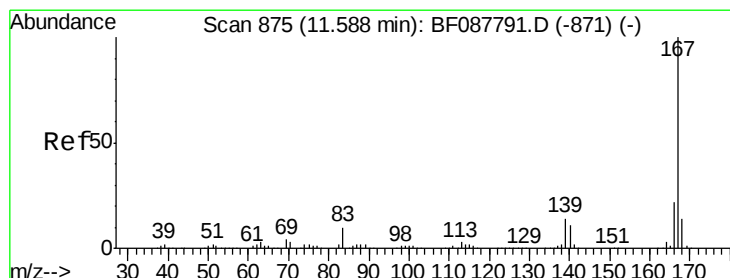
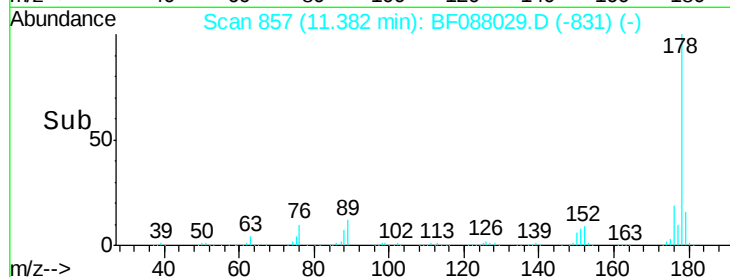
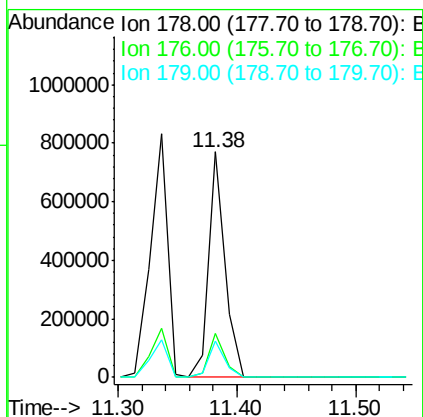
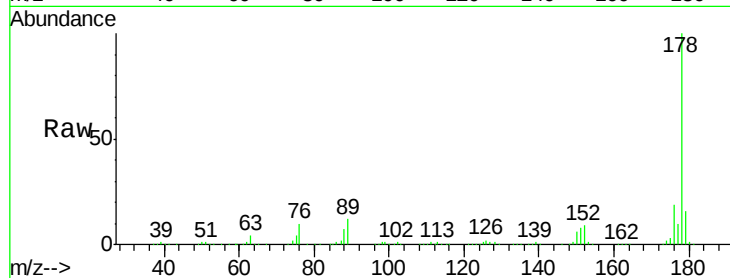




#71
 Anthracene
 Concen: 41.82 ng
 RT: 11.38 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF088029.D
 Acq: 15 Jun 2016 6:16

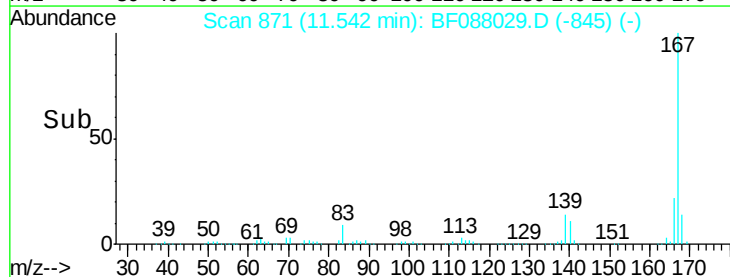
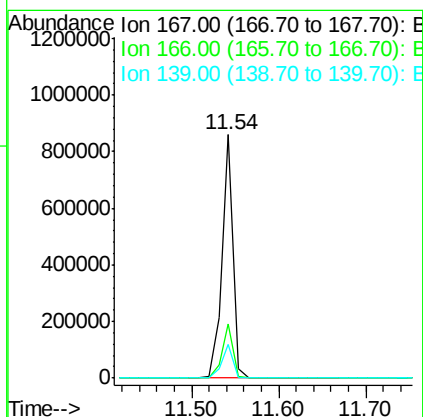
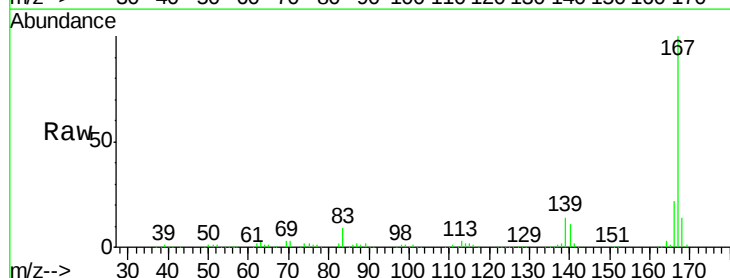
Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MSD

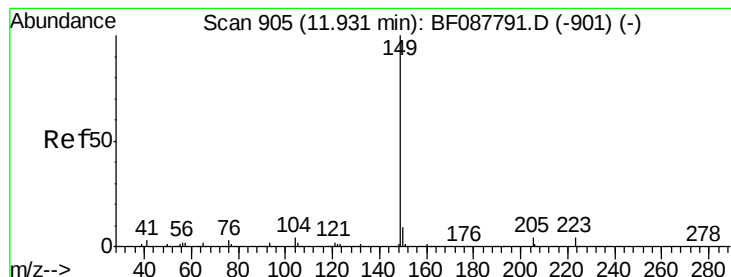
Tgt Ion:178 Resp: 732752
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.6 23.4
 179 16.1 12.8 19.2



#72
 Carbazole
 Concen: 46.69 ng
 RT: 11.54 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: BF088029.D
 Acq: 15 Jun 2016 6:16

Tgt Ion:167 Resp: 765613
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.8 26.6
 139 13.9 11.2 16.8





#73

Di-n-butylphthalate

Concen: 43.50 ng

RT: 11.87 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MSD

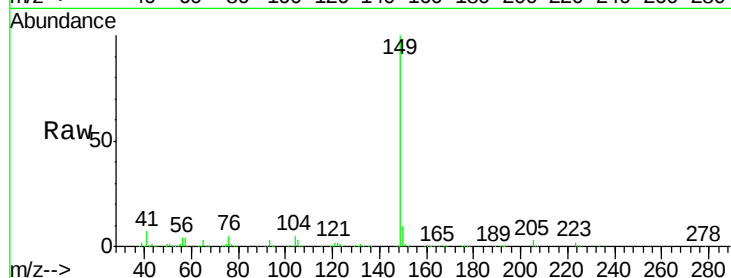
Tgt Ion:149 Resp: 902839

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

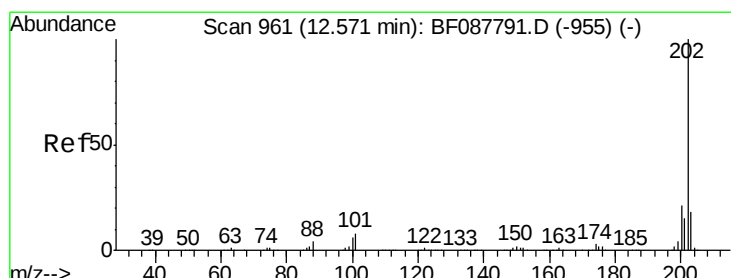
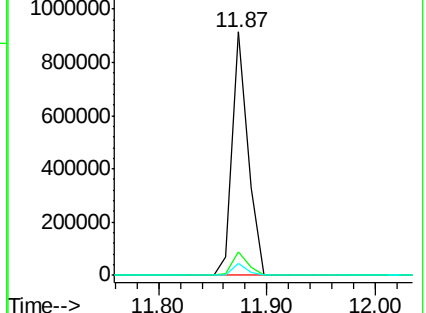
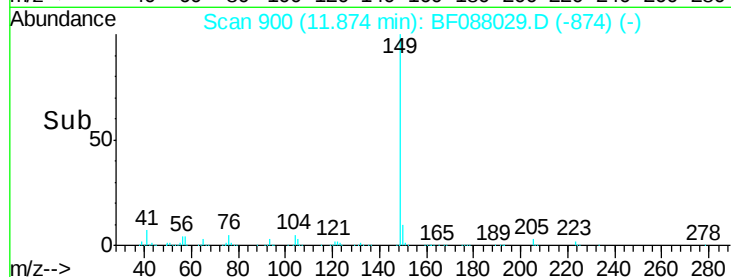
104 5.0 4.0 6.0



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: 43.51 ng

RT: 12.51 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

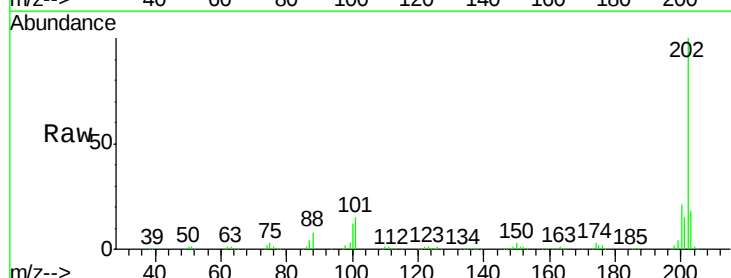
Tgt Ion:202 Resp: 797529

Ion Ratio Lower Upper

202 100

101 15.5 0.0 33.1

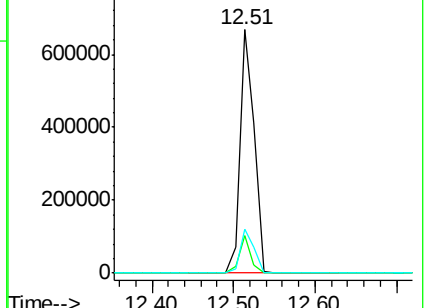
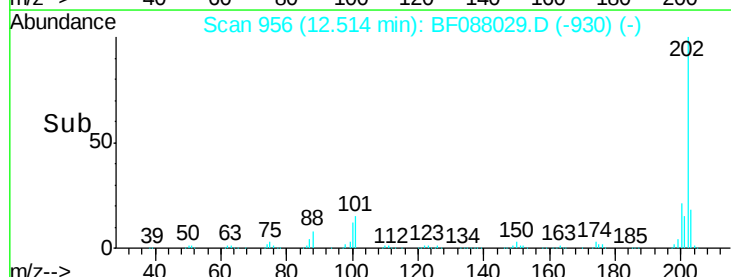
203 18.1 0.0 38.1

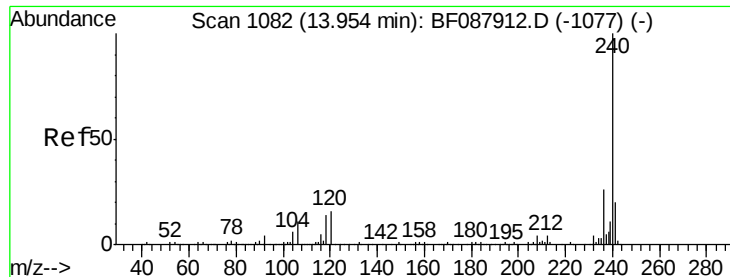


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.94 min Scan# 1081

Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MSD

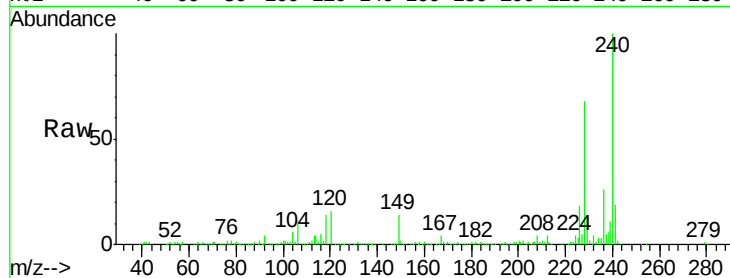
Tgt Ion:240 Resp: 271636

Ion Ratio Lower Upper

240 100

120 16.0 6.8 10.2#

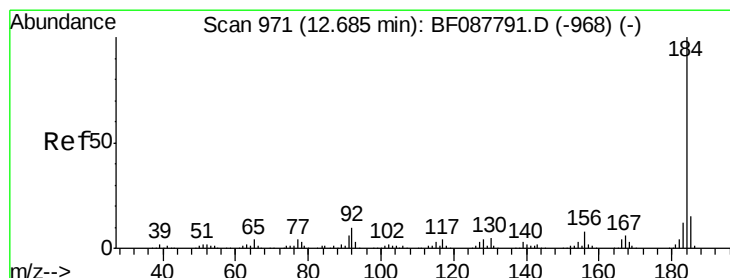
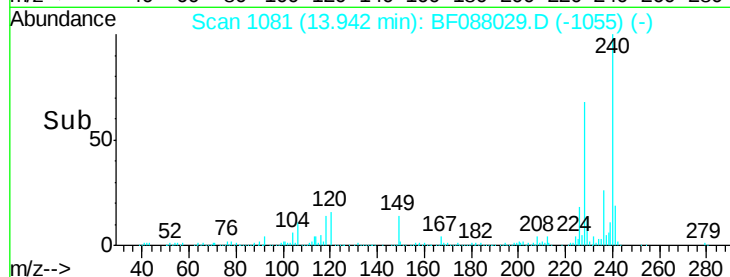
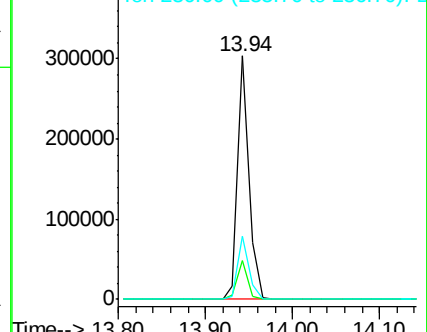
236 25.7 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 30.20 ng

RT: 12.64 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

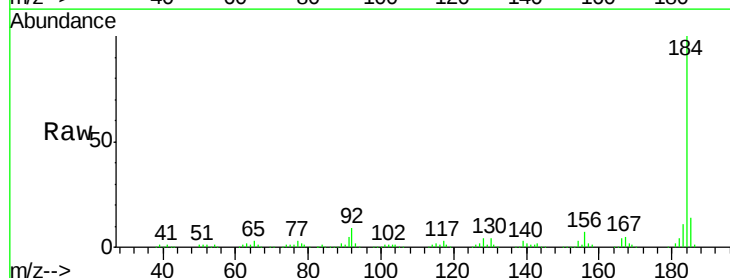
Tgt Ion:184 Resp: 227159

Ion Ratio Lower Upper

184 100

185 14.2 12.5 18.7

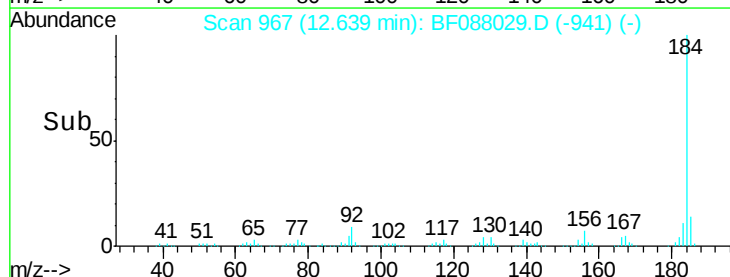
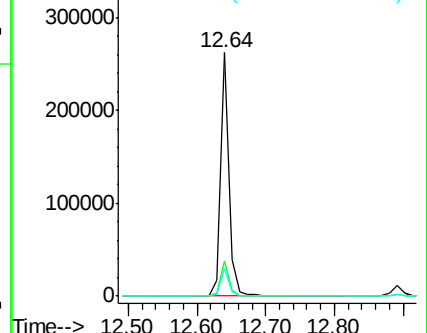
183 11.4 9.3 13.9

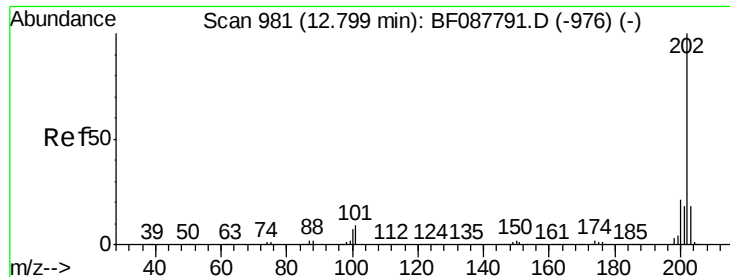


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

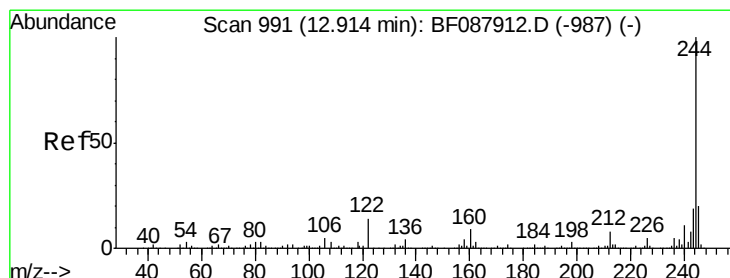
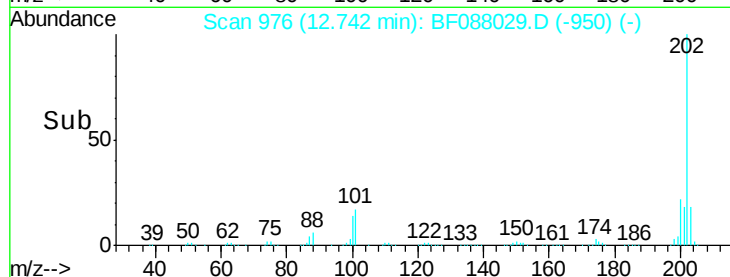
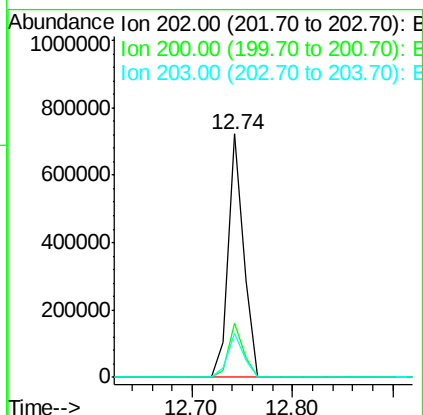
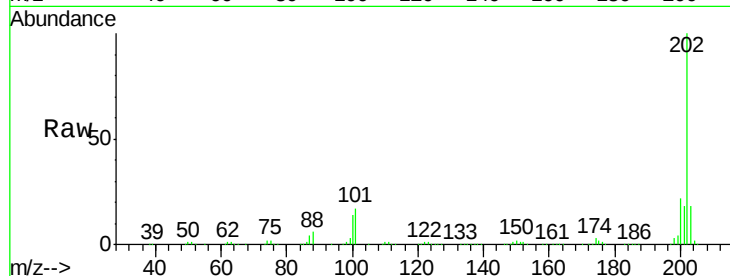




#77
 Pyrene
 Concen: 38.15 ng
 RT: 12.74 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: BF088029.D
 Acq: 15 Jun 2016 6:16

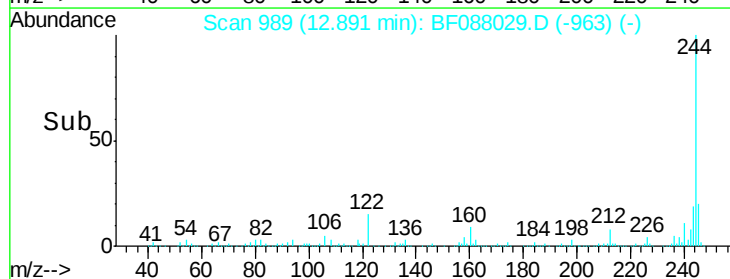
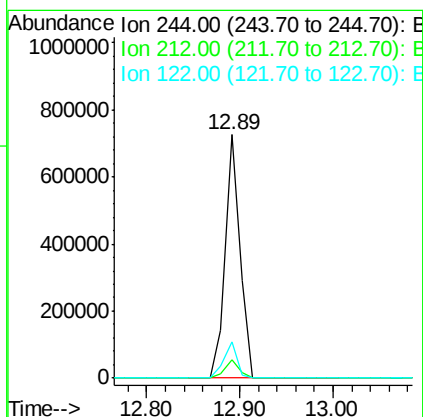
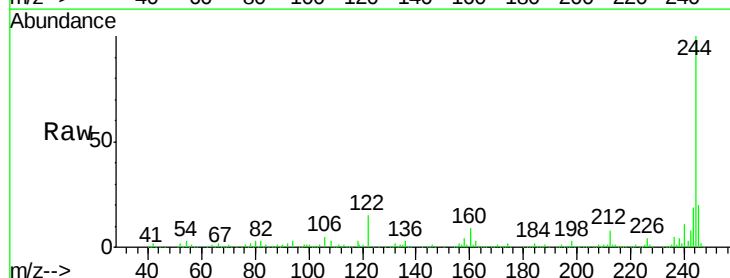
Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MSD

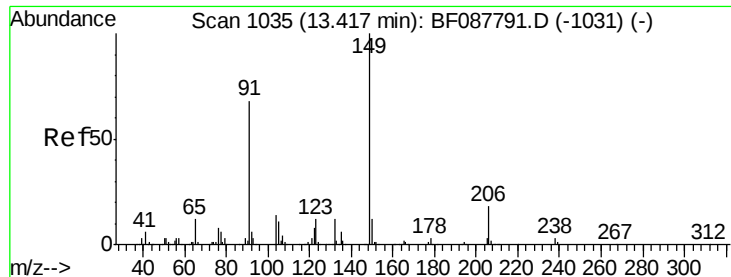
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.4	26.2
203	18.2	14.5	21.7



#78
 Terphenyl-d14
 Concen: 67.13 ng
 RT: 12.89 min Scan# 989
 Delta R.T. 0.00 min
 Lab File: BF088029.D
 Acq: 15 Jun 2016 6:16

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	14.7	11.2	16.8

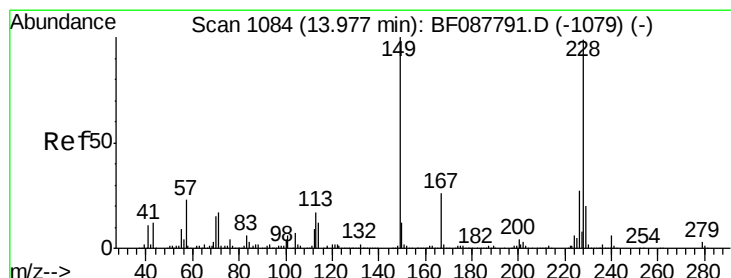
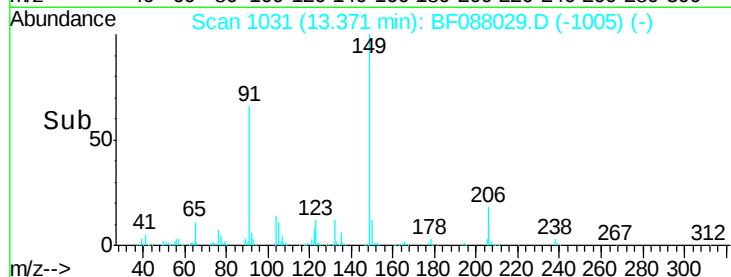
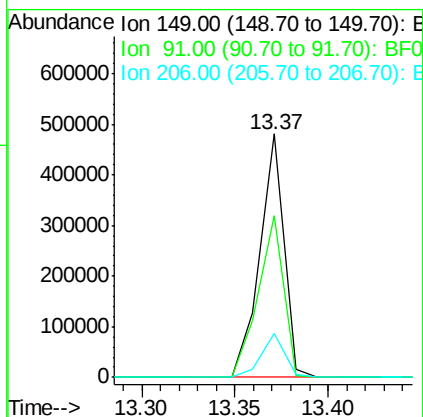
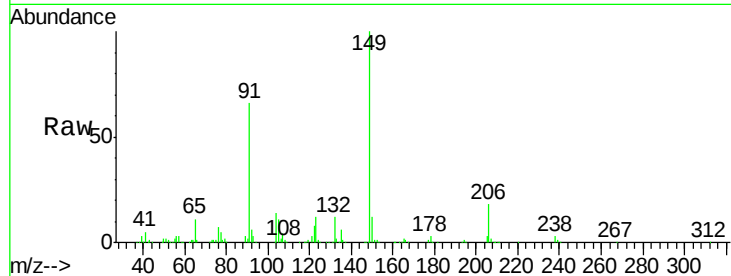




#79
Butylbenzylphthalate
Concen: 48.04 ng
RT: 13.37 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF088029.D
Acq: 15 Jun 2016 6:16

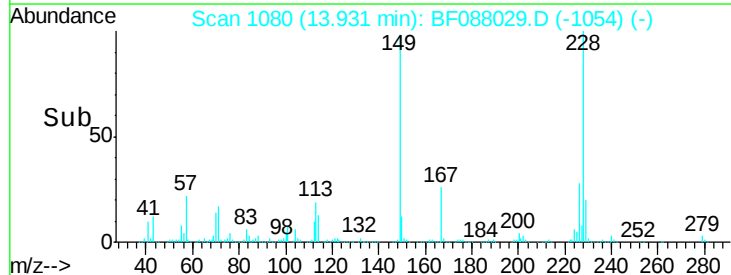
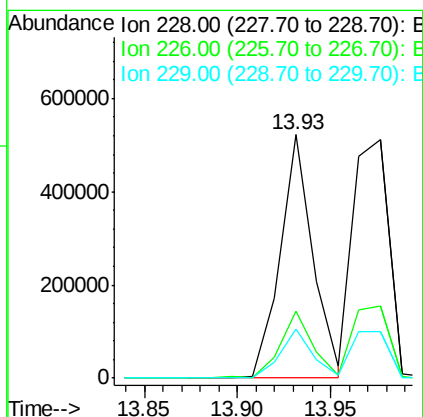
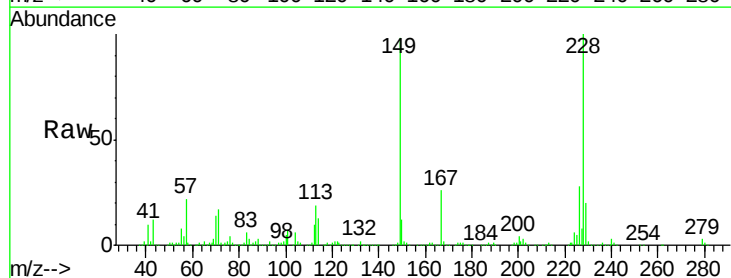
Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

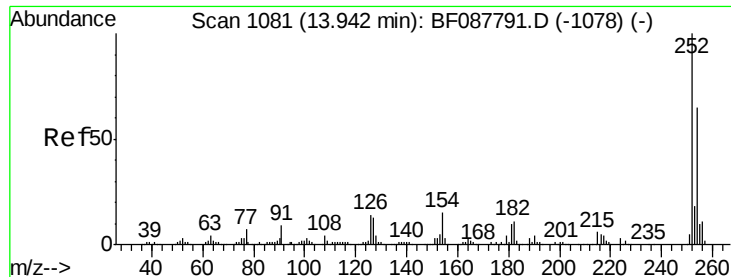
Tgt Ion:149 Resp: 428093
Ion Ratio Lower Upper
149 100
91 66.4 48.0 72.0
206 18.1 16.0 24.0



#80
Benzo(a)anthracene
Concen: 41.21 ng
RT: 13.93 min Scan# 1080
Delta R.T. 0.00 min
Lab File: BF088029.D
Acq: 15 Jun 2016 6:16

Tgt Ion:228 Resp: 637834
Ion Ratio Lower Upper
228 100
226 27.7 22.3 33.5
229 20.2 16.0 24.0

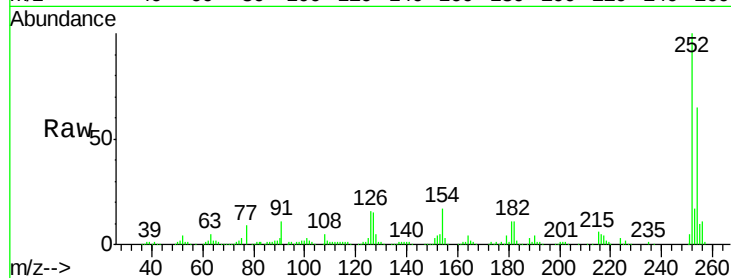




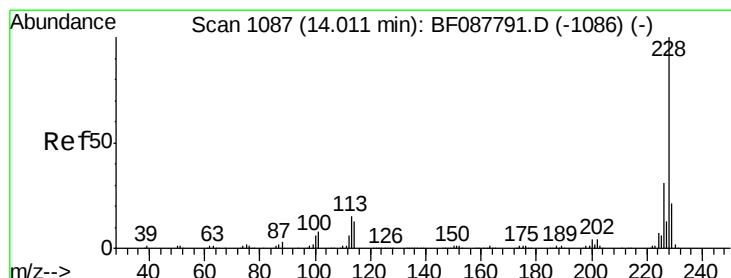
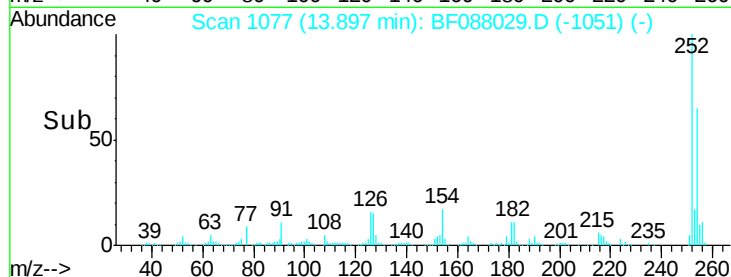
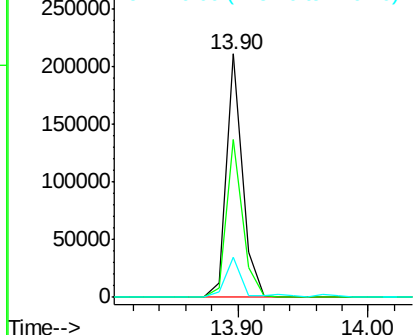
#81
 3,3'-Dichlorobenzidine
 Concen: 43.98 ng
 RT: 13.90 min Scan# 1077
 Delta R.T. 0.00 min
 Lab File: BF088029.D
 Acq: 15 Jun 2016 6:16

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MSD

Tgt Ion: 252 Resp: 183059
 Ion Ratio Lower Upper
 252 100
 254 65.0 52.6 78.8
 126 16.2 6.2 9.2#

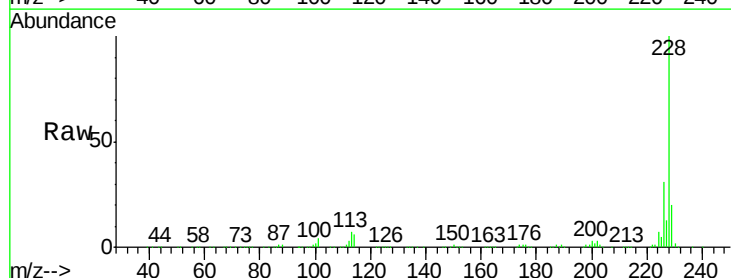


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

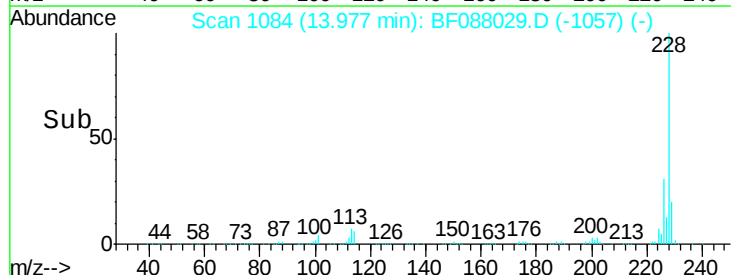
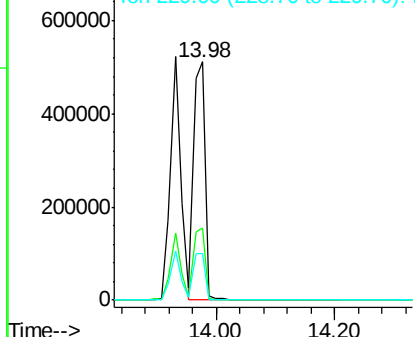


#82
 Chrysene
 Concen: 47.67 ng
 RT: 13.98 min Scan# 1084
 Delta R.T. 0.01 min
 Lab File: BF088029.D
 Acq: 15 Jun 2016 6:16

Tgt Ion: 228 Resp: 694213
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.4 38.2
 229 19.6 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.94 ng

RT: 13.93 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MSD

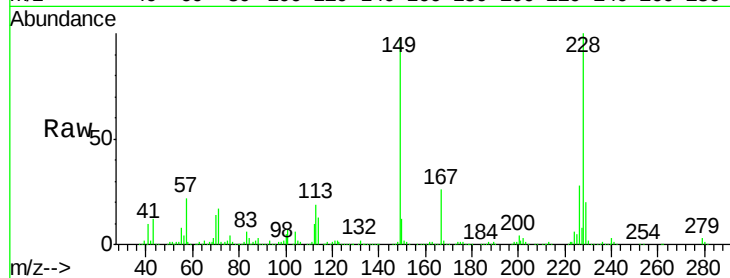
Tgt Ion:149 Resp: 476645

Ion Ratio Lower Upper

149 100

167 26.1 20.5 30.7

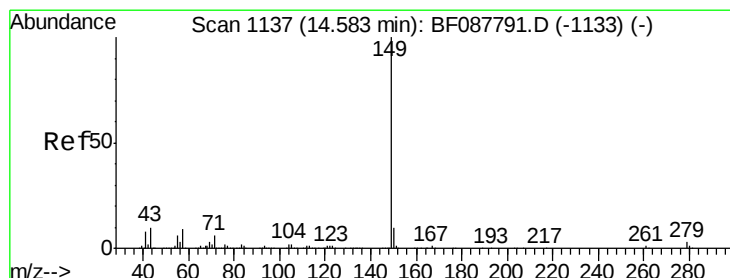
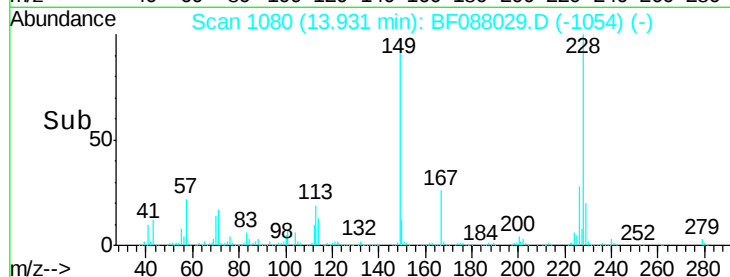
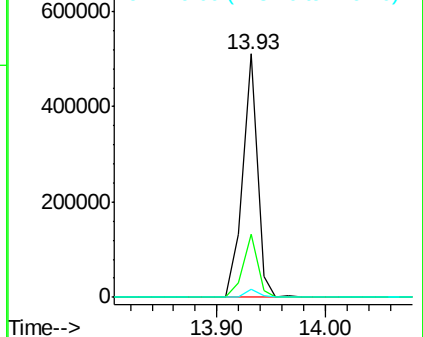
279 3.1 2.0 3.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 54.97 ng

RT: 14.54 min Scan# 1133

Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

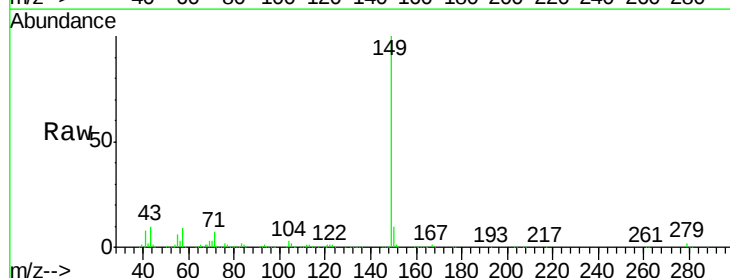
Tgt Ion:149 Resp: 968964

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

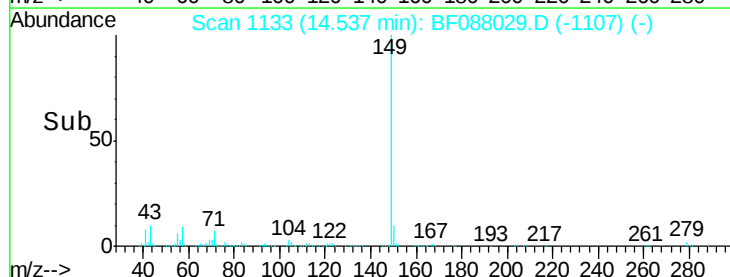
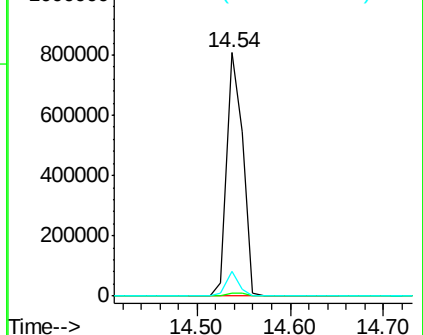
43 8.1 0.0 0.0#



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

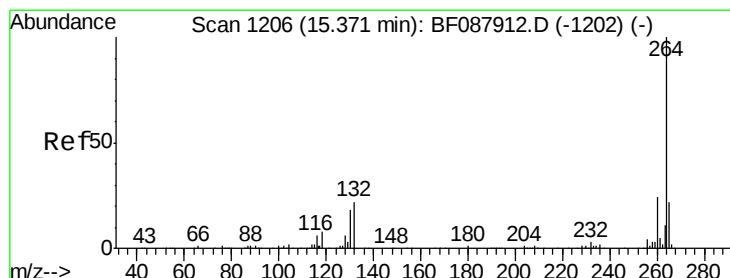
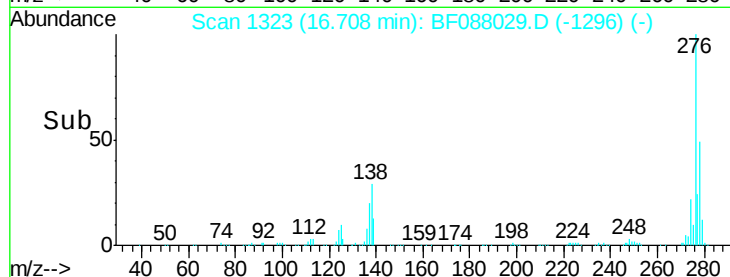
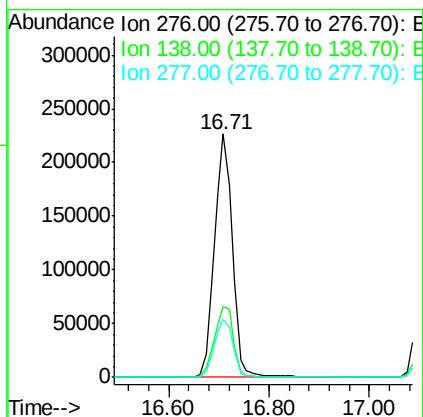
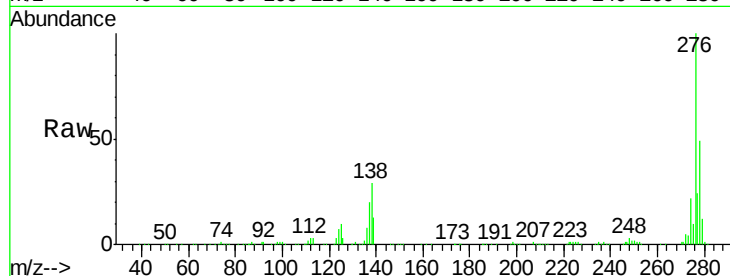




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.43 ng
 RT: 16.71 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: BF088029.D
 Acq: 15 Jun 2016 6:16

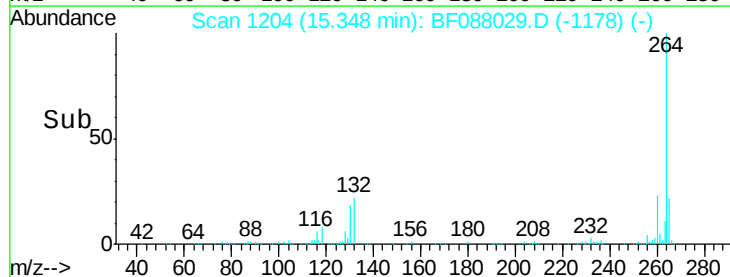
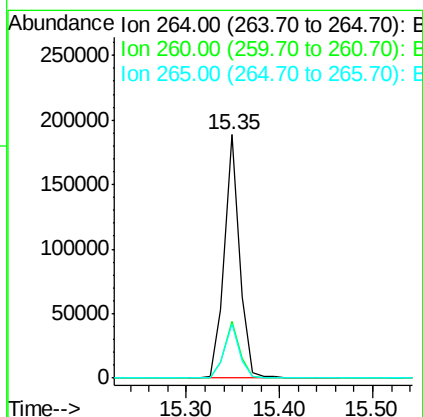
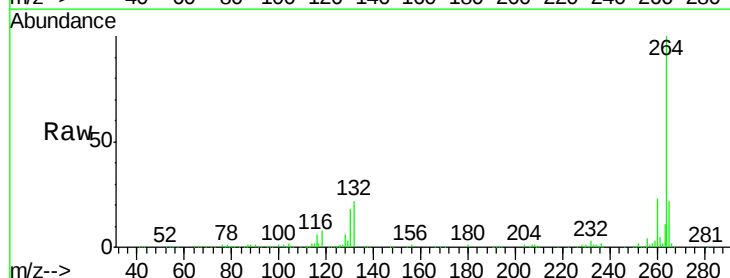
Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MSD

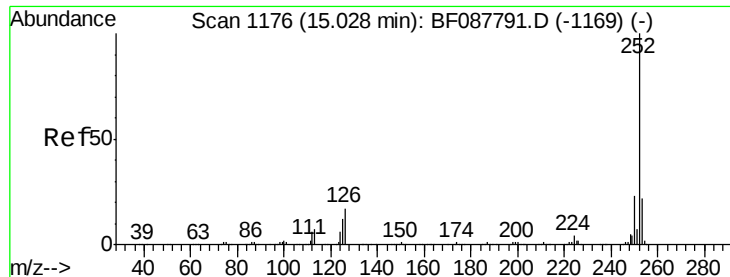
Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.1	0.0	0.0#
277	25.0	0.0	0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF088029.D
 Acq: 15 Jun 2016 6:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.0	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 85.43 ng

RT: 14.98 min Scan# 1172

Delta R.T. 0.03 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MSD

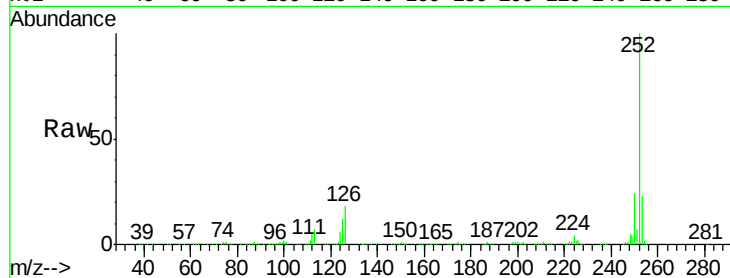
Tgt Ion:252 Resp: 1281857

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.2

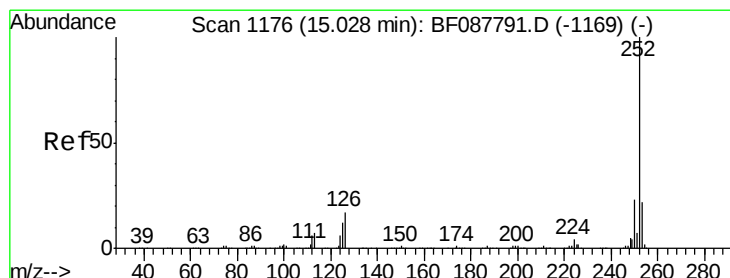
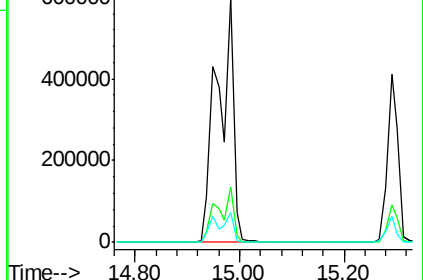
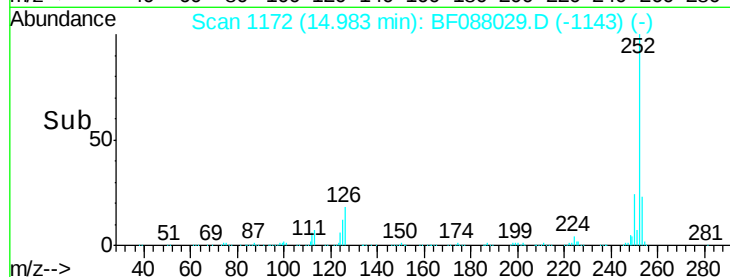
125 12.3 7.1 10.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 113.28 ng

RT: 14.98 min Scan# 1172

Delta R.T. 0.01 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

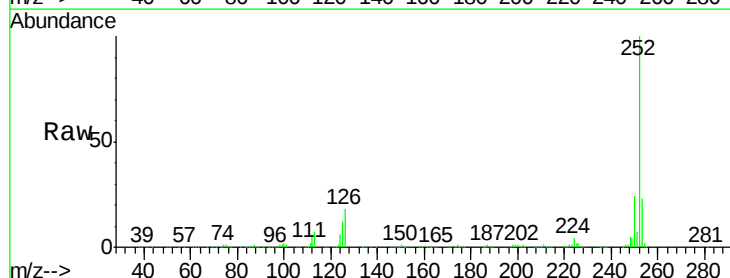
Tgt Ion:252 Resp: 1282128

Ion Ratio Lower Upper

252 100

253 22.5 18.0 27.0

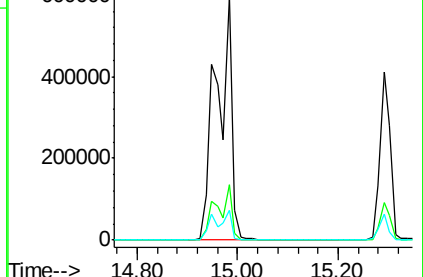
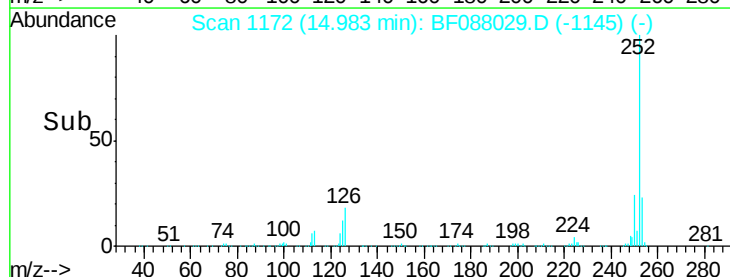
125 12.3 11.2 16.8

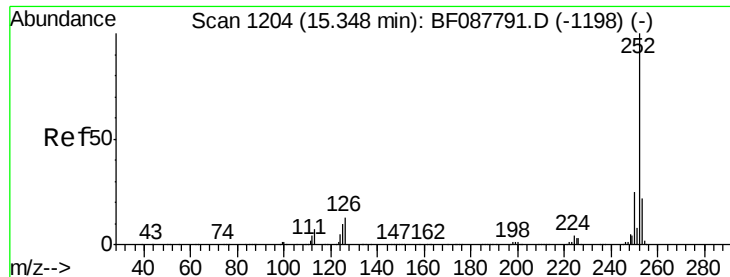


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 49.24 ng

RT: 15.29 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MSD

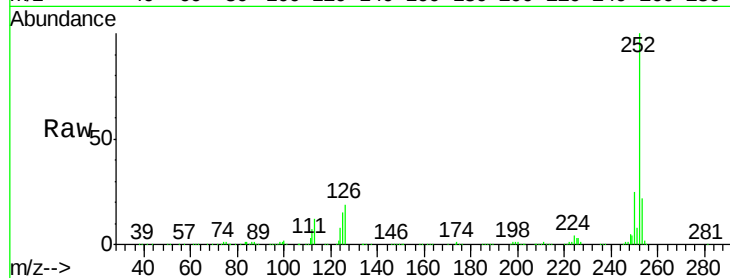
Tgt Ion:252 Resp: 597710

Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

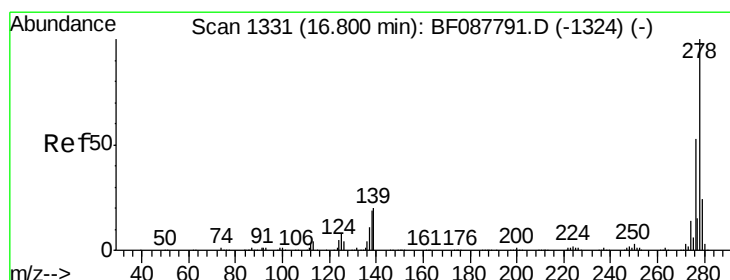
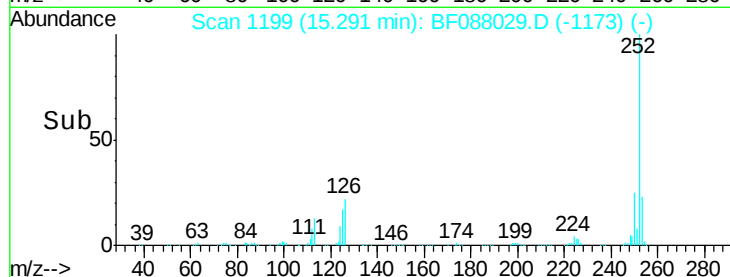
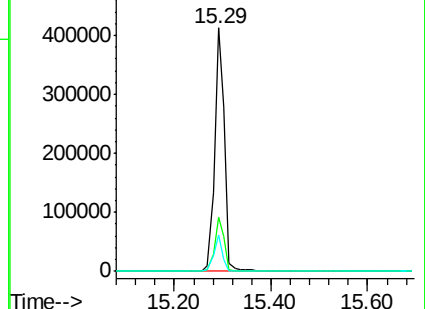
125 15.1 12.5 18.7



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: 41.74 ng

RT: 16.72 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

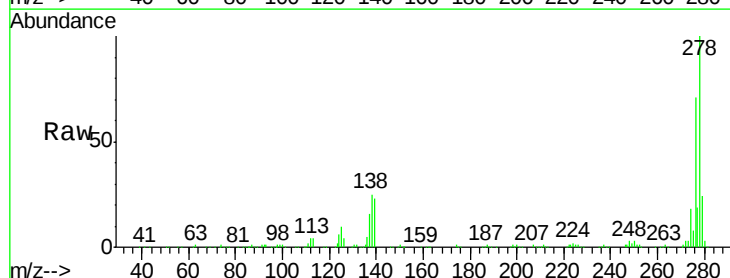
Tgt Ion:278 Resp: 470590

Ion Ratio Lower Upper

278 100

139 22.9 15.7 23.5

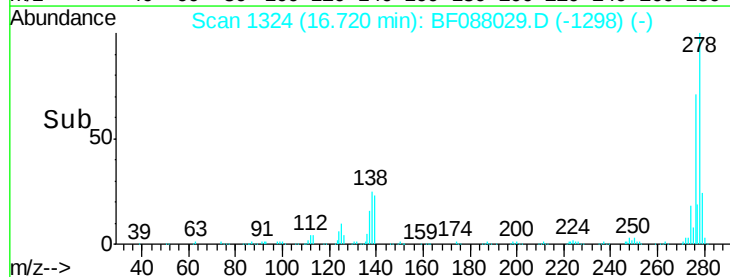
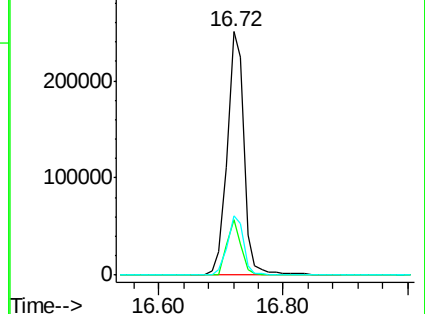
279 24.2 19.4 29.2

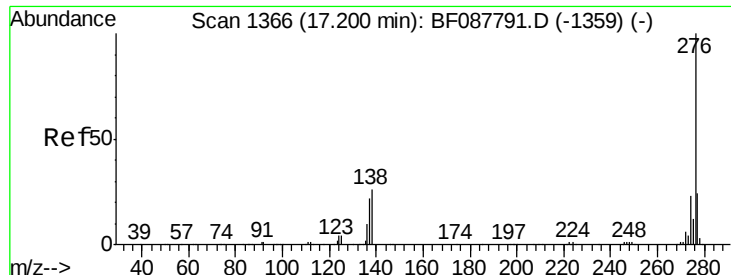


Abundance Ion 278.00 (277.70 to 278.70): E

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: 40.42 ng

RT: 17.12 min Scan# 1359

Delta R.T. 0.01 min

Lab File: BF088029.D

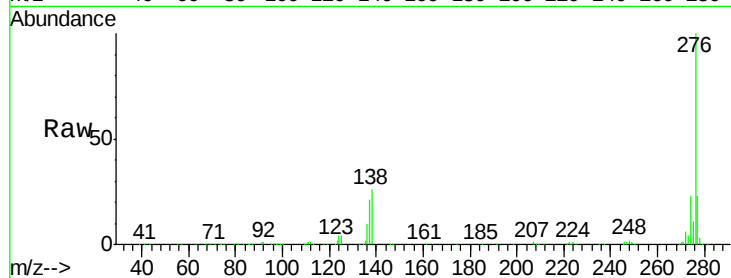
Acq: 15 Jun 2016 6:16

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MSD



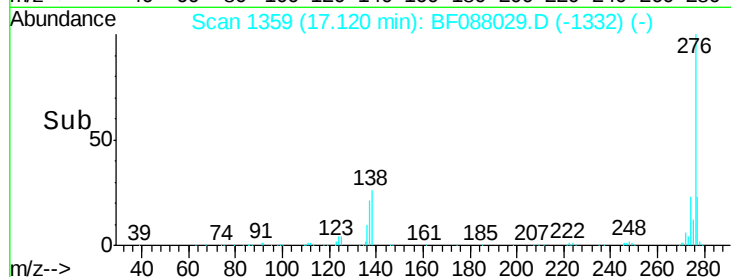
Tgt Ion: 276 Resp: 468791

Ion Ratio Lower Upper

276 100

277 23.3 18.9 28.3

138 25.6 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

