

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081916\
 Data File : BF089817.D
 Acq On : 20 Aug 2016 00:52
 Operator : UM/SJ
 Sample : H4518-14
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-2(0-5)

Quant Time: Aug 22 01:26:01 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 14:02:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	589771	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	1991449	20.00	ng	-0.01
38) Acenaphthene-d10	9.71	164	862191	20.00	ng	0.00
63) Phenanthrene-d10	11.19	188	1324780	20.00	ng	0.00
75) Chrysene-d12	13.86	240	1052508	20.00	ng	-0.01
86) Perylene-d12	15.35	264	1187530	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	3039019	88.37	ng	0.01
7) Phenol-d6	6.32	99	3513642	83.23	ng	0.00
23) Nitrobenzene-d5	7.24	82	2121340	66.18	ng	-0.01
41) 2,4,6-Tribromophenol	10.50	330	722260	88.15	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	3807030	77.61	ng	0.00
78) Terphenyl-d14	12.78	244	2349185	50.49	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.31	88	2012	0.12	ng	# 13
3) Pyridine	2.81	79	274	0.01	ng	# 1
4) n-Nitrosodimethylamine	2.80	42	900	0.05	ng	# 1
6) Aniline	6.33	93	3737	0.07	ng	# 1
8) 2-Chlorophenol	6.47	128	2527	0.06	ng	98
9) Benzaldehyde	6.23	77	3945	0.14	ng	89
10) Phenol	6.33	94	45206	0.91	ng	# 43
11) bis(2-Chloroethyl)ether	6.44	93	5543	0.14	ng	# 1
12) 1,3-Dichlorobenzene	6.63	146	874	0.02	ng	# 85
13) 1,4-Dichlorobenzene	6.86	146	1454	0.03	ng	87
14) 1,2-Dichlorobenzene	6.86	146	1454	0.04	ng	# 82
15) Benzyl Alcohol	6.84	79	40562	1.45	ng	# 45
16) 2,2'-oxybis(1-Chloropropan	6.97	45	1500	0.03	ng	# 1
17) 2-Methylphenol	6.95	107	1161	0.04	ng	# 76
18) Hexachloroethane	7.20	117	269	0.02	ng	# 1
19) n-Nitroso-di-n-propylamine	7.24	70	280550	10.39	ng	# 76
20) 3+4-Methylphenols	7.11	107	4053	0.10	ng	# 55
22) Acetophenone	7.10	105	3941	0.09	ng	# 82
24) Nitrobenzene	7.24	77	8842	0.25	ng	# 37
25) Isophorone	7.24	82	1971966	30.50	ng	# 67
27) 2,4-Dimethylphenol	7.63	122	1693	0.05	ng	98
28) bis(2-Chloroethoxy)methane	7.72	93	1759	0.04	ng	# 12
29) 2,4-Dichlorophenol	7.83	162	925	0.03	ng	# 71
30) 1,2,4-Trichlorobenzene	7.91	180	829	0.03	ng	# 80
31) Naphthalene	7.99	128	69552	0.75	ng	96
32) Benzoic acid	7.93	122	269	0.01	ng	92
33) 4-Chloroaniline	8.04	127	1212	0.03	ng	# 61
34) Hexachlorobutadiene	8.11	225	271	0.02	ng	# 19
35) Caprolactam	8.41	113	702	0.08	ng	# 27
36) 4-Chloro-3-methylphenol	8.52	107	1342	0.05	ng	# 85
37) 2-Methylnaphthalene	8.68	142	25660	0.43	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	620	0.02	ng	# 73
42) 2,4,6-Trichlorophenol	8.96	196	372	0.02	ng	# 83
43) 2,4,5-Trichlorophenol	8.99	196	398	0.02	ng	# 50

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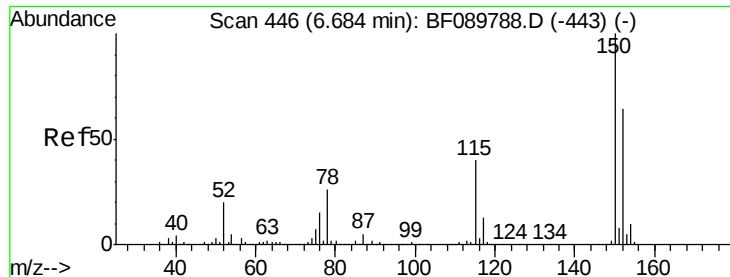
Instrument :
 BNA_F
 ClientSampleId :
 B-2(0-5)

Quant Time: Aug 22 01:26:01 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1'-Biphenyl	9.14	154	11536	0.17	ng	98
46) 2-Chloronaphthalene	9.16	162	1607	0.03	ng	# 87
47) 2-Nitroaniline	9.26	65	438	0.03	ng	# 81
48) Acenaphthylene	9.58	152	54998	0.69	ng	98
49) Dimethylphthalate	9.44	163	925341	15.24	ng	99
50) 2,6-Dinitrotoluene	9.44	165	9920	0.71	ng	# 1
51) Acenaphthene	9.75	154	94834	1.81	ng	97
52) 3-Nitroaniline	9.67	138	287	0.02	ng	# 88
54) Dibenzofuran	9.92	168	65811	1.00	ng	# 90
55) 4-Nitrophenol	9.75	139	1209	0.10	ng	94
56) 2,4-Dinitrotoluene	9.71	165	114780	6.31	ng	# 35
57) Fluorene	10.26	166	67675	1.29	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	282	0.02	ng	# 14
59) Diethylphthalate	10.15	149	10777	0.17	ng	94
60) 4-Chlorophenyl-phenylether	10.26	204	933	0.04	ng	# 30
61) 4-Nitroaniline	10.26	138	1967	0.14	ng	90
62) Azobenzene	10.42	77	3766	0.06	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.50	198	1595	0.21	ng	# 1
65) n-Nitrosodiphenylamine	10.38	169	9802	0.24	ng	# 69
66) 4-Bromophenyl-phenylether	10.50	248	43180	3.11	ng	# 1
67) Hexachlorobenzene	10.81	284	562	0.04	ng	# 27
68) Atrazine	10.90	200	387	0.03	ng	# 8
69) Pentachlorophenol	11.00	266	643	0.07	ng	# 46
70) Phenanthrene	11.21	178	961644	14.37	ng	98
71) Anthracene	11.27	178	225983	3.32	ng	96
72) Carbazole	11.42	167	88214	1.45	ng	96
73) Di-n-butylphthalate	11.77	149	36607	0.48	ng	# 98
74) Fluoranthene	12.40	202	1101172	17.30	ng	98
76) Benzidine	12.53	184	3406	0.10	ng	# 1
77) Pyrene	12.40	202	1101172	12.85	ng	99
79) Butylbenzylphthalate	13.28	149	7889	0.20	ng	# 72
80) Benzo(a)anthracene	13.85	228	493893	8.19	ng	98
81) 3,3'-Dichlorobenzidine	13.82	252	1714	0.09	ng	# 64
82) Chrysene	13.89	228	413770	8.01	ng	96
83) Bis(2-ethylhexyl)phthalate	13.87	149	20904	0.39	ng	# 95
84) Di-n-octyl phthalate	14.55	149	3723	0.05	ng	# 75
85) Indeno(1,2,3-cd)pyrene	16.63	276	280154	4.25	ng	91
87) Benzo(b)fluoranthene	14.96	252	831913	12.73	ng	97
88) Benzo(k)fluoranthene	14.96	252	831913	14.04	ng	100
89) Benzo(a)pyrene	15.29	252	493402	7.98	ng	# 95
90) Dibenzo(a,h)anthracene	16.65	278	71902	1.07	ng	# 93
91) Benzo(g,h,i)perylene	17.02	276	288626	4.08	ng	96

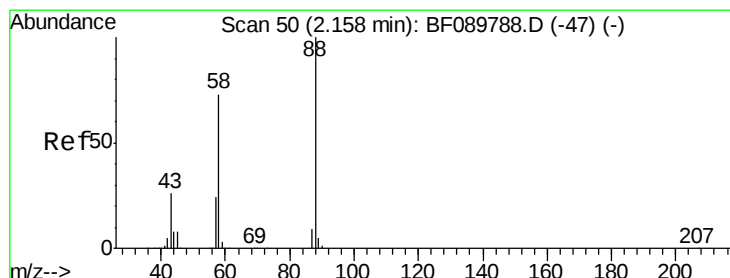
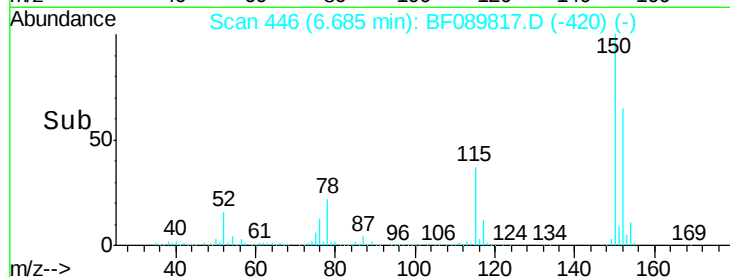
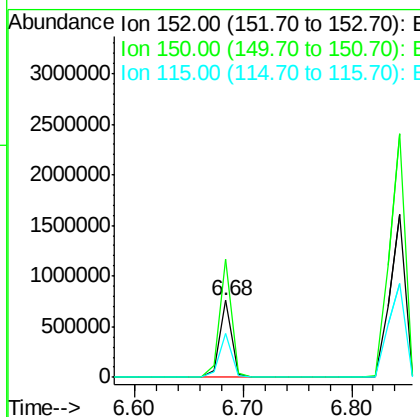
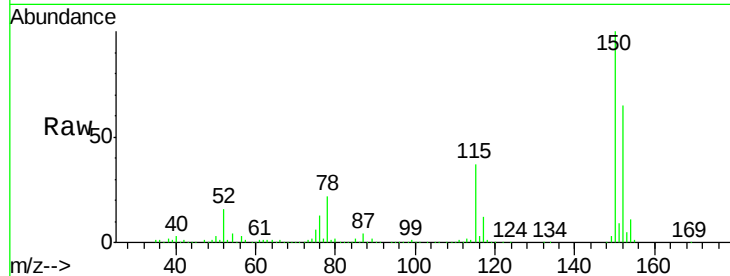
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.68 min Scan# 446
 Delta R.T. 0.00 min
 Lab File: BF089817.D
 Acq: 20 Aug 2016 00:52

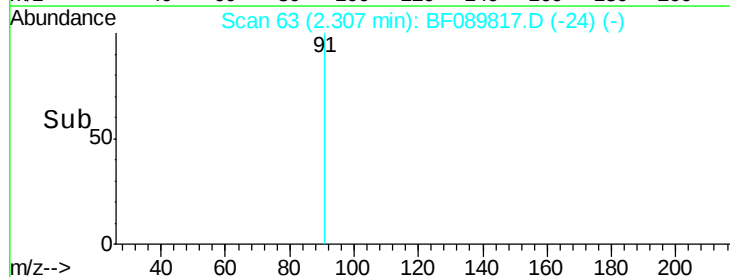
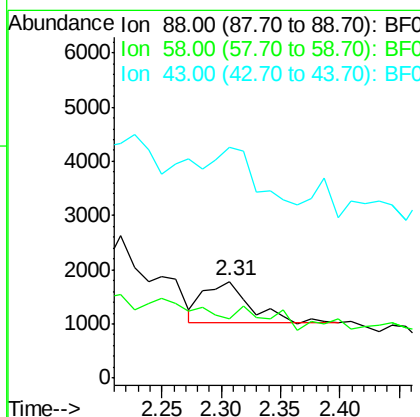
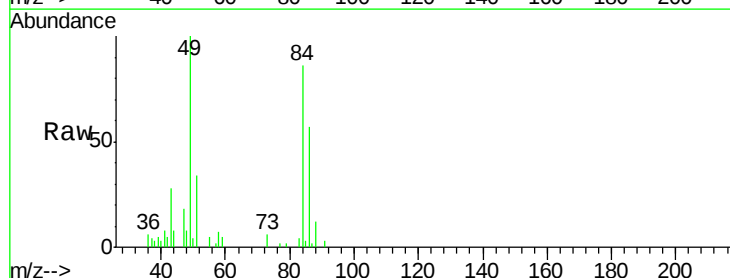
Instrument :
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 ClientSampleId :
 B-2(0-5)

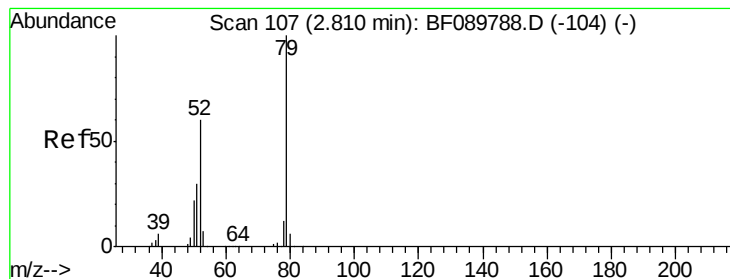
Tgt Ion: 152 Resp: 589771
 Ion Ratio Lower Upper
 152 100
 150 153.6 125.3 187.9
 115 57.3 40.9 61.3



#2
 1,4-Dioxane
 Concen: 0.12 ng
 RT: 2.31 min Scan# 63
 Delta R.T. 0.15 min
 Lab File: BF089817.D
 Acq: 20 Aug 2016 00:52

Tgt Ion: 88 Resp: 2012
 Ion Ratio Lower Upper
 88 100
 58 27.5 57.0 85.4#
 43 119.4 21.8 32.8#





#3

Pyridine

Concen: 0.01 ng

RT: 2.81 min Scan# 107

Delta R.T. 0.00 min

Lab File: BF089817.D

Acq: 20 Aug 2016 00:52

Instrument :

BNA_F

ClientSampleId :

B-2(0-5)

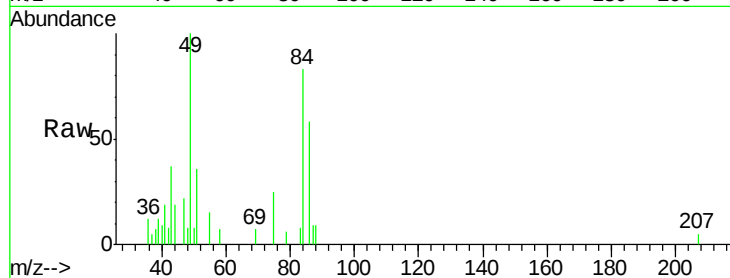
Tgt Ion: 79 Resp: 274

Ion Ratio Lower Upper

79 100

52 0.0 53.6 80.4#

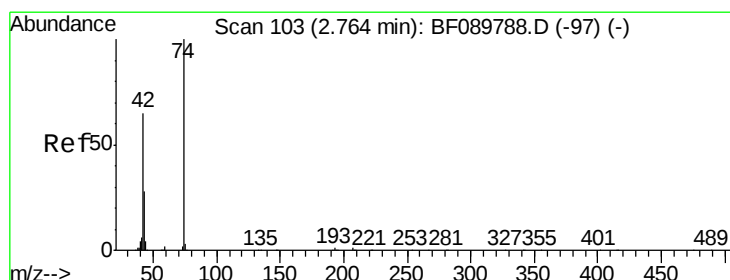
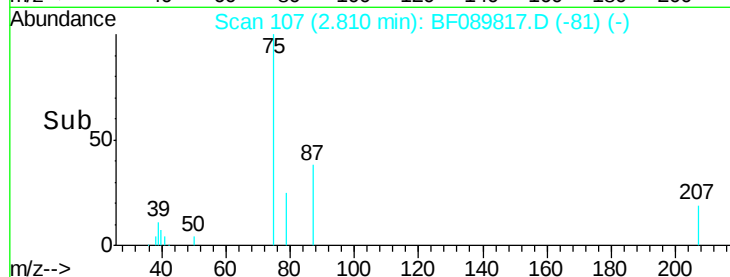
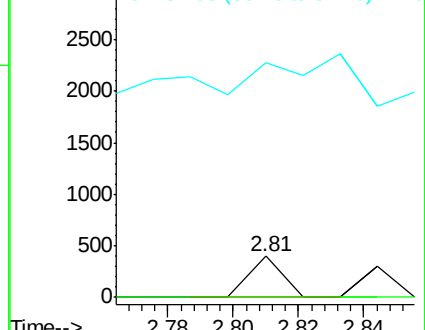
51 569.2 26.6 39.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 0.05 ng

RT: 2.80 min Scan# 106

Delta R.T. 0.03 min

Lab File: BF089817.D

Acq: 20 Aug 2016 00:52

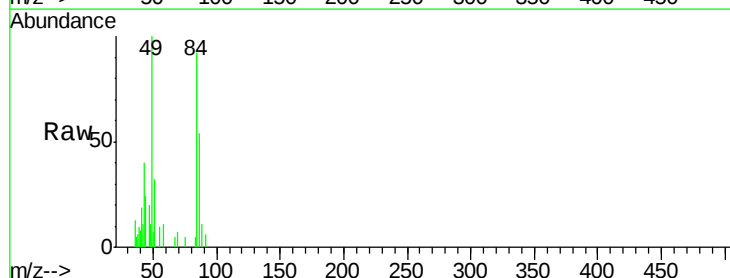
Tgt Ion: 42 Resp: 900

Ion Ratio Lower Upper

42 100

74 0.0 106.2 159.2#

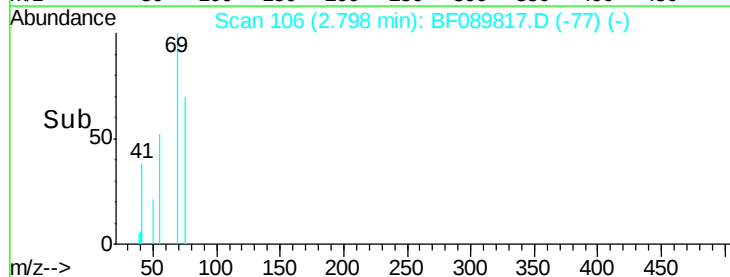
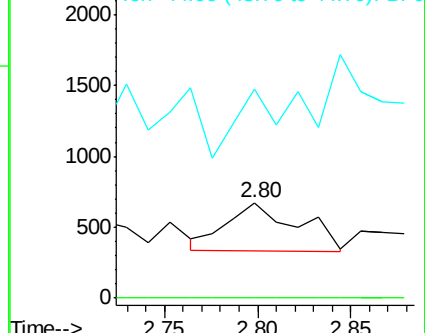
44 219.6 6.9 10.3#

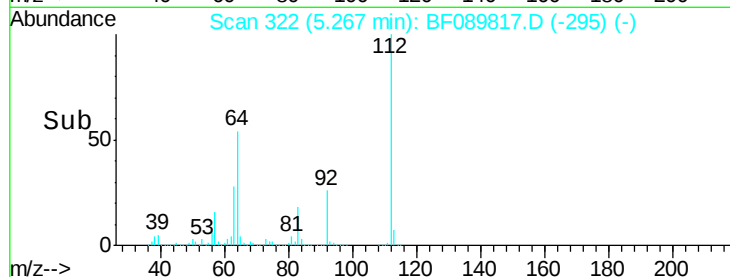
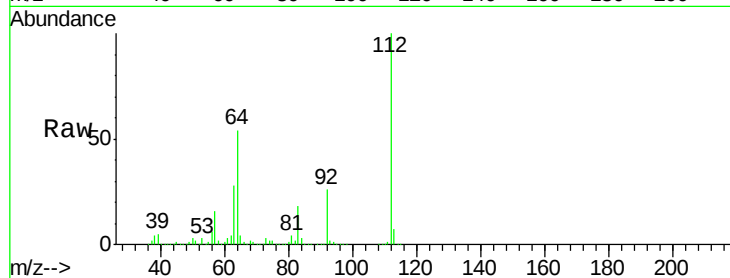
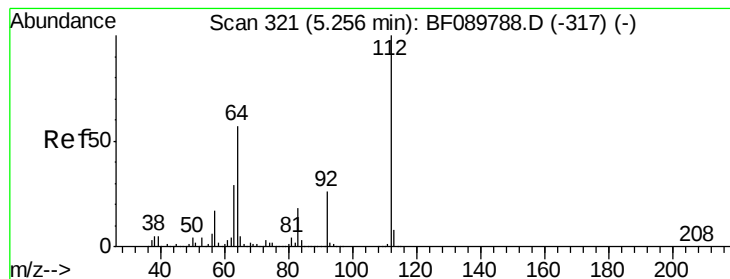


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 88.37 ng

RT: 5.27 min Scan# 322

Delta R.T. 0.01 min

Lab File: BF089817.D

Acq: 20 Aug 2016 00:52

Instrument :

BNA_F

ClientSampleId :

B-2(0-5)

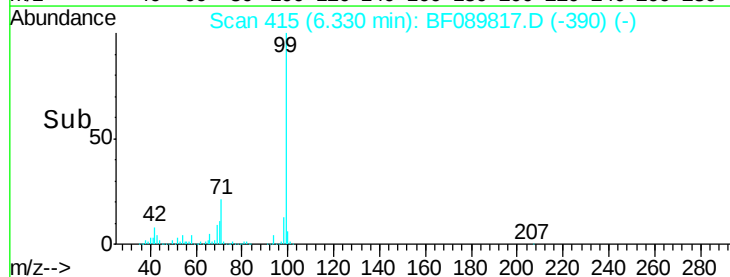
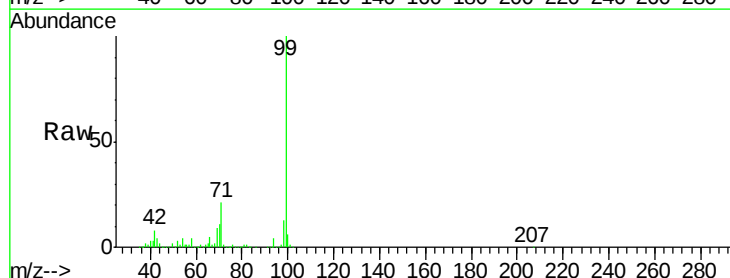
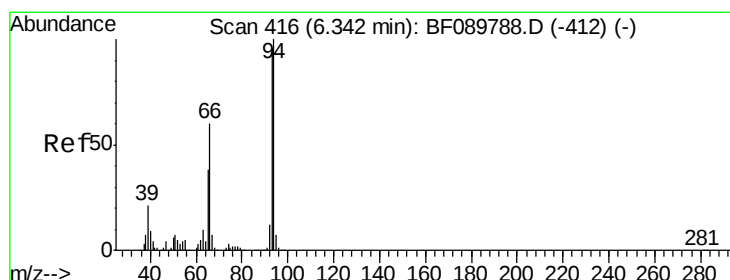
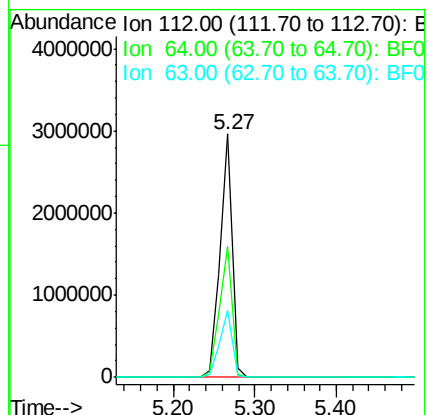
Tgt Ion:112 Resp: 3039019

Ion Ratio Lower Upper

112 100

64 54.0 45.0 67.4

63 27.8 23.1 34.7



#6

Aniline

Concen: 0.07 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF089817.D

Acq: 20 Aug 2016 00:52

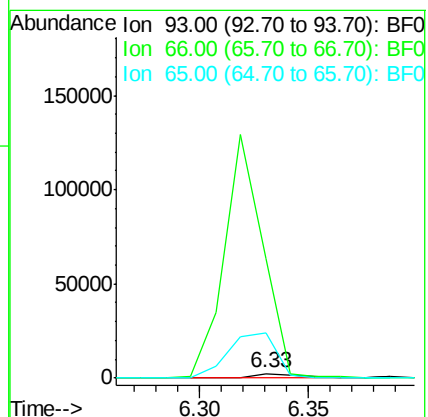
Tgt Ion: 93 Resp: 3737

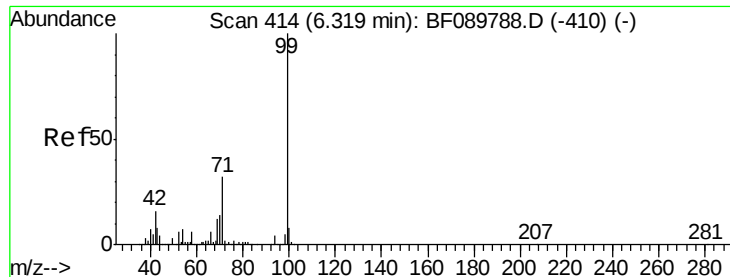
Ion Ratio Lower Upper

93 100

66 2762.9 30.6 46.0#

65 1053.5 15.4 23.2#





#7

Phenol-d6

Concen: 83.23 ng

RT: 6.32 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF089817.D

Acq: 20 Aug 2016 00:52

Instrument :

BNA_F

ClientSampleId :

B-2(0-5)

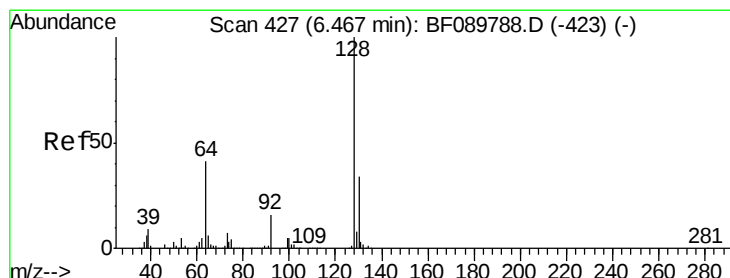
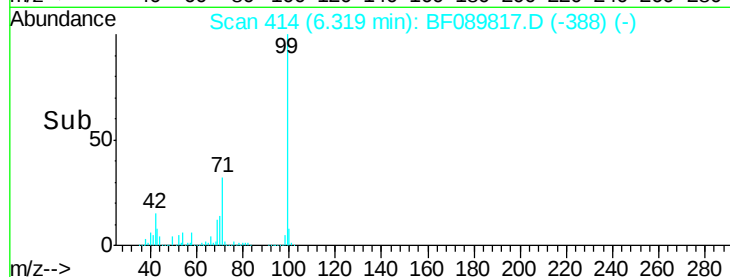
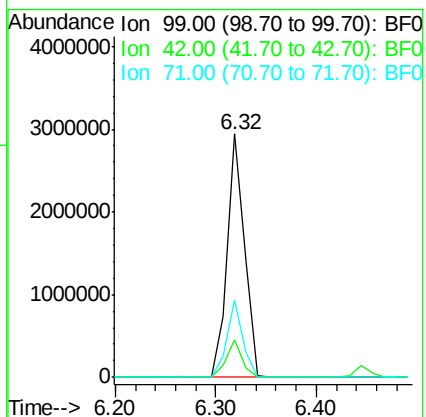
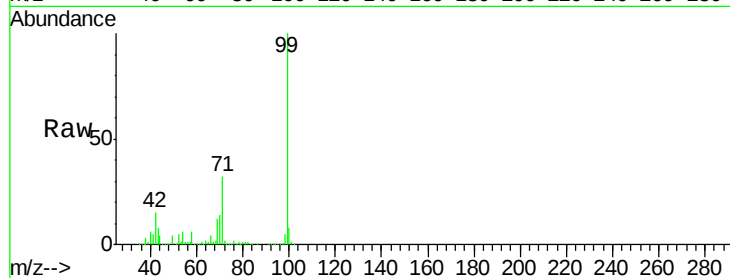
Tgt Ion: 99 Resp: 3513642

Ion Ratio Lower Upper

99 100

42 15.3 12.2 18.4

71 31.7 23.8 35.8



#8

2-Chlorophenol

Concen: 0.06 ng

RT: 6.47 min Scan# 427

Delta R.T. 0.00 min

Lab File: BF089817.D

Acq: 20 Aug 2016 00:52

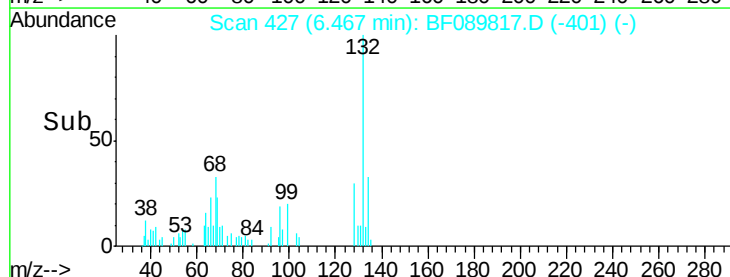
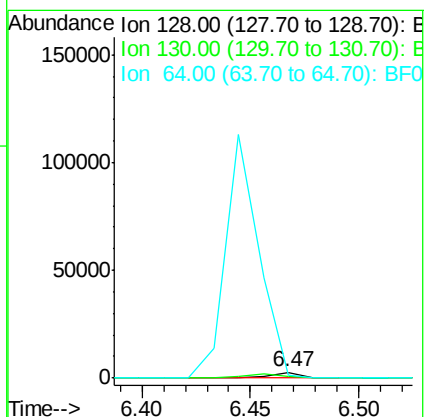
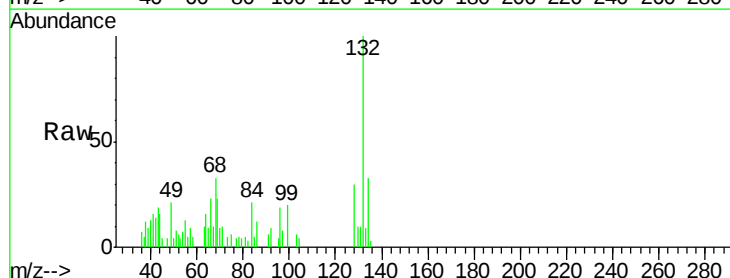
Tgt Ion: 128 Resp: 2527

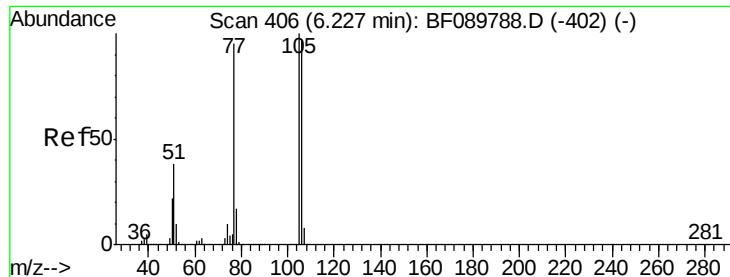
Ion Ratio Lower Upper

128 100

130 32.0 12.0 52.0

64 53.2 35.1 75.1





#9

Benzaldehyde

Concen: 0.14 ng

RT: 6.23 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF089817.D

Acq: 20 Aug 2016 00:52

Instrument :

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ClientSampleId :

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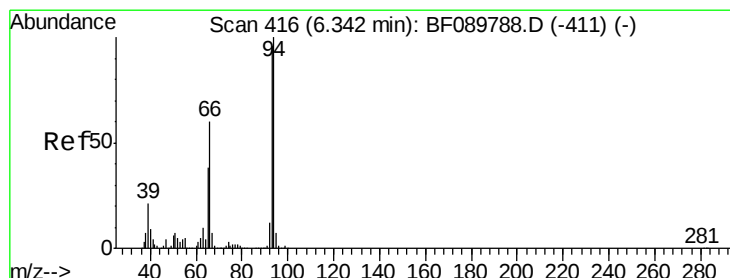
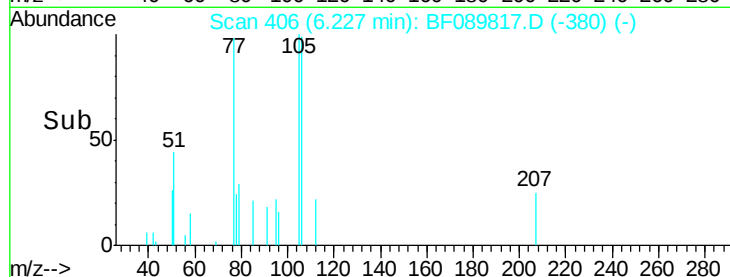
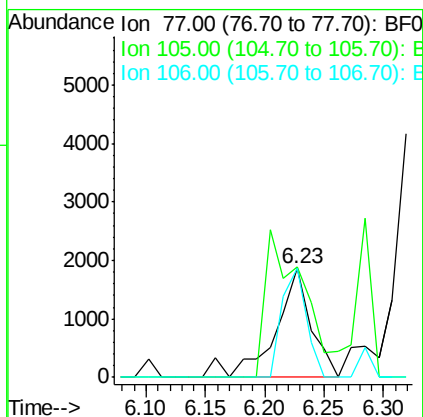
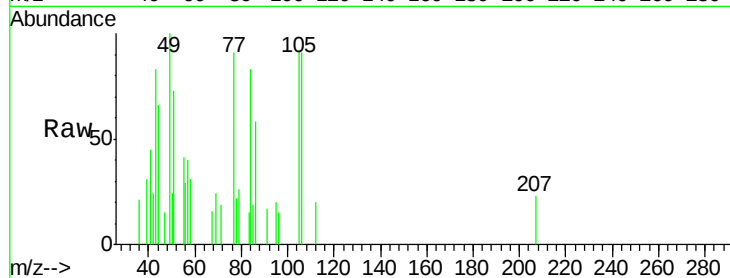
Tgt Ion: 77 Resp: 3945

Ion Ratio Lower Upper

77 100

105 101.8 73.3 113.3

106 100.7 68.6 108.6



#10

Phenol

Concen: 0.91 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF089817.D

Acq: 20 Aug 2016 00:52

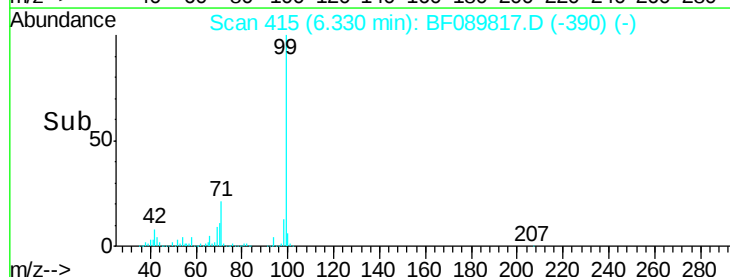
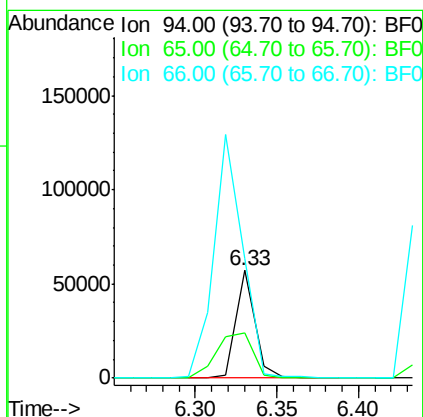
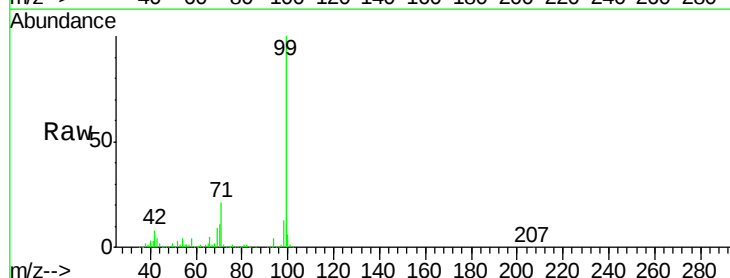
Tgt Ion: 94 Resp: 45206

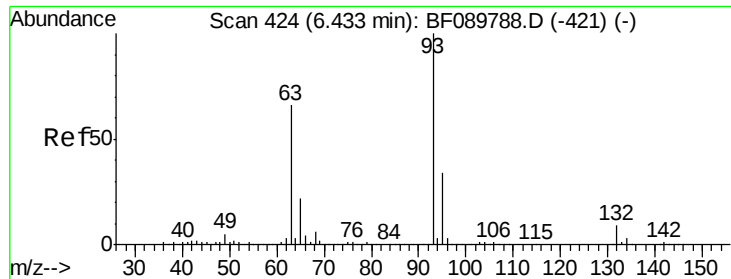
Ion Ratio Lower Upper

94 100

65 42.3 14.0 54.0

66 110.9 31.2 71.2#

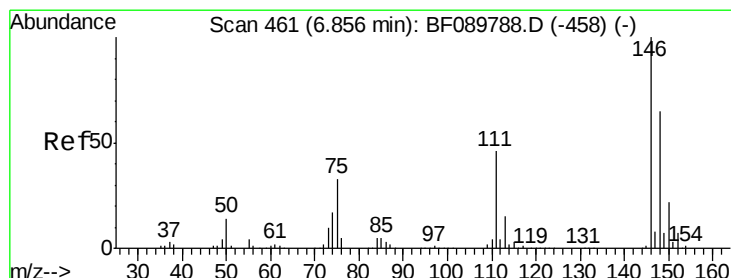
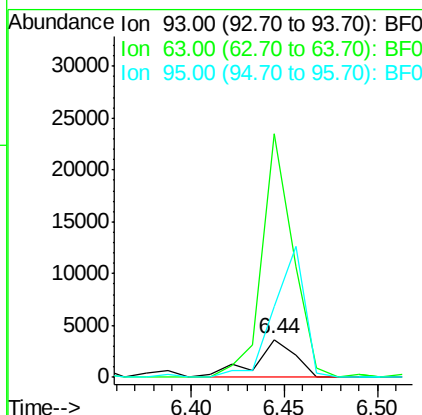
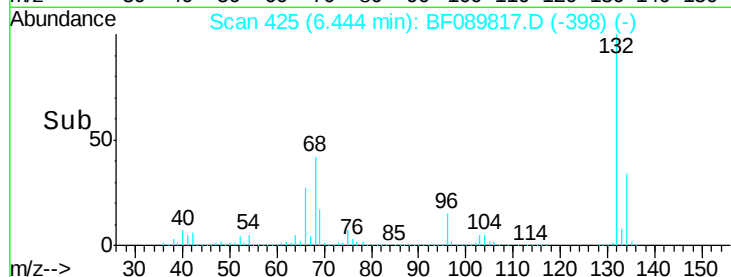
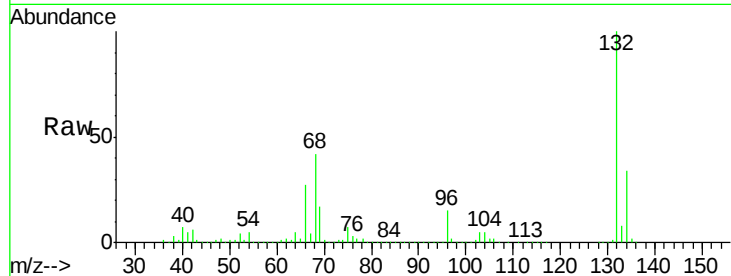




#11
bis(2-Chloroethyl)ether
Concen: 0.14 ng
RT: 6.44 min Scan# 425
Delta R.T. 0.01 min
Lab File: BF089817.D
Acq: 20 Aug 2016 00:52

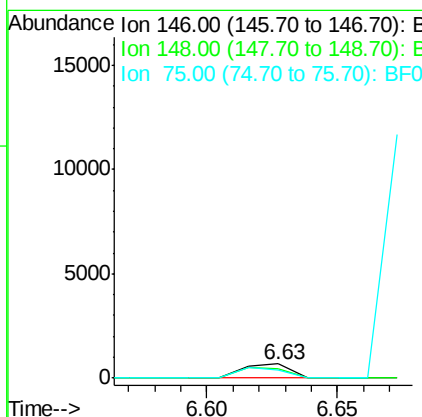
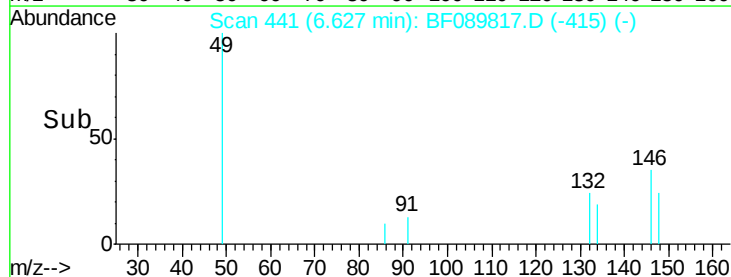
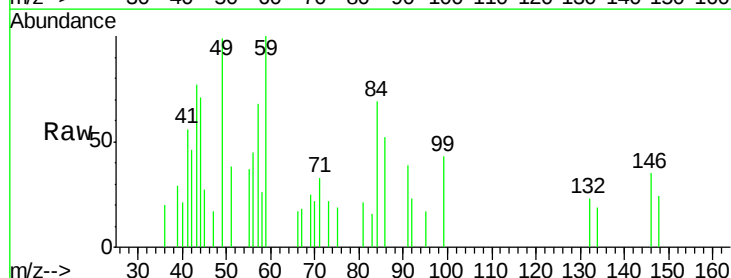
Instrument :
BNA_F
ClientSampleId :
B-2(0-5)

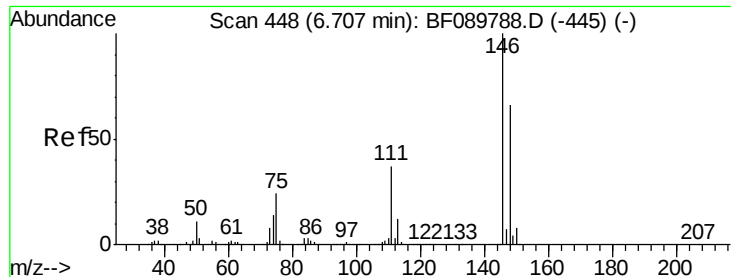
Tgt Ion: 93 Resp: 5543
Ion Ratio Lower Upper
93 100
63 648.3 55.8 95.8#
95 189.9 13.0 53.0#



#12
1,3-Dichlorobenzene
Concen: 0.02 ng
RT: 6.63 min Scan# 441
Delta R.T. 0.00 min
Lab File: BF089817.D
Acq: 20 Aug 2016 00:52

Tgt Ion: 146 Resp: 874
Ion Ratio Lower Upper
146 100
148 67.7 51.0 76.4
75 53.3 27.0 40.6#

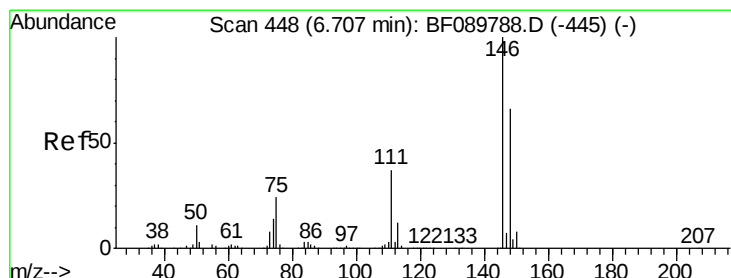
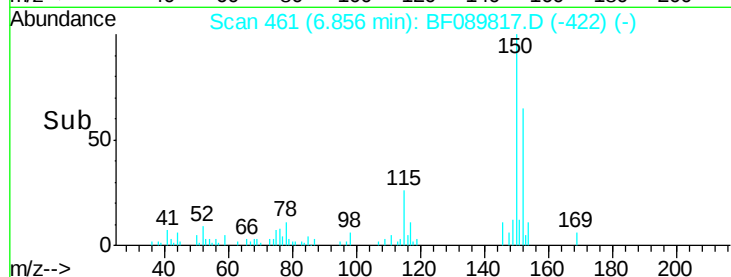
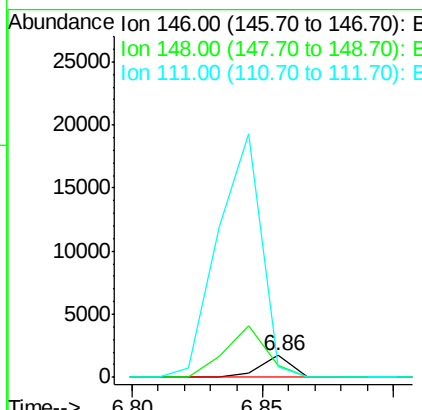
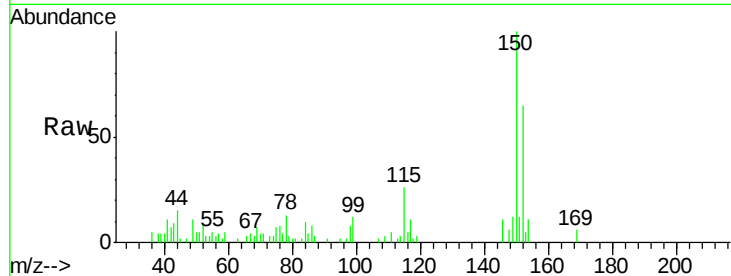




#13
 1,4-Dichlorobenzene
 Concen: 0.03 ng
 RT: 6.86 min Scan# 461
 Delta R.T. 0.15 min
 Lab File: BF089817.D
 Acq: 20 Aug 2016 00:52

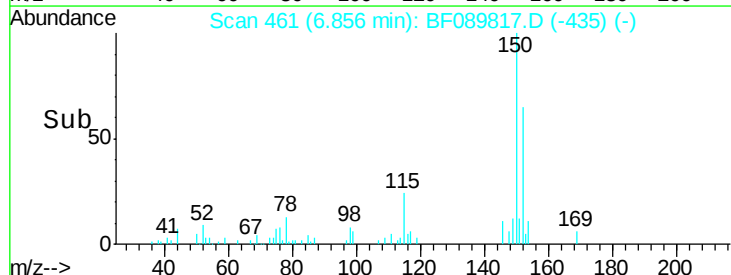
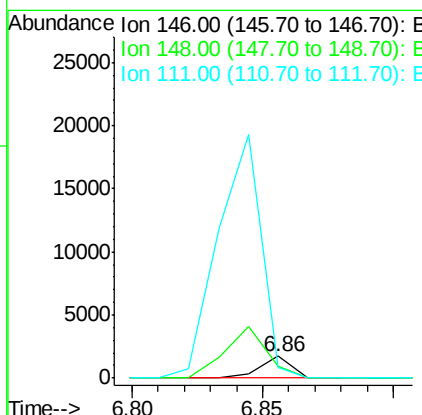
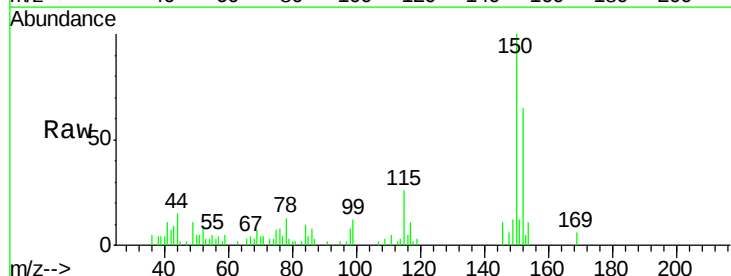
Instrument :
 BNA_F
 ClientSampleId :
 B-2(0-5)

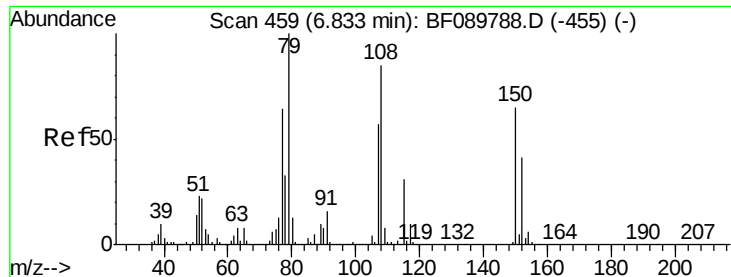
Tgt Ion:146 Resp: 1454
 Ion Ratio Lower Upper
 146 100
 148 52.5 51.0 76.6
 111 50.1 34.6 52.0



#14
 1,2-Dichlorobenzene
 Concen: 0.04 ng
 RT: 6.86 min Scan# 461
 Delta R.T. 0.00 min
 Lab File: BF089817.D
 Acq: 20 Aug 2016 00:52

Tgt Ion:146 Resp: 1454
 Ion Ratio Lower Upper
 146 100
 148 52.5 52.2 78.2
 111 50.1 29.8 44.6#





#15

Benzyl Alcohol

Concen: 1.45 ng

RT: 6.84 min Scan# 460

Delta R.T. 0.01 min

Lab File: BF089817.D

Acq: 20 Aug 2016 00:52

Instrument :

BNA_F

ClientSampleId :

B-2(0-5)

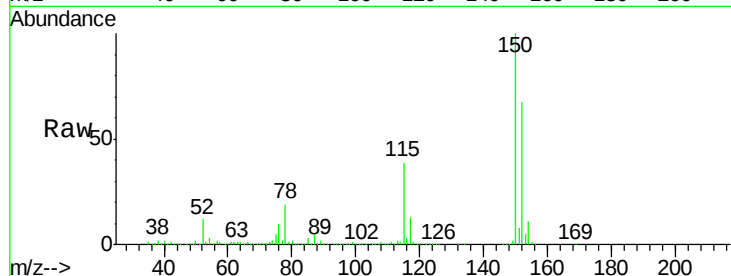
Tgt Ion: 79 Resp: 40562

Ion Ratio Lower Upper

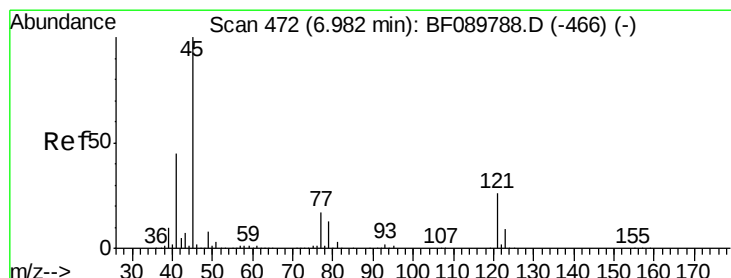
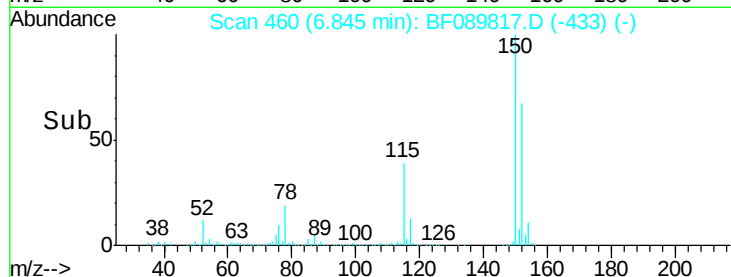
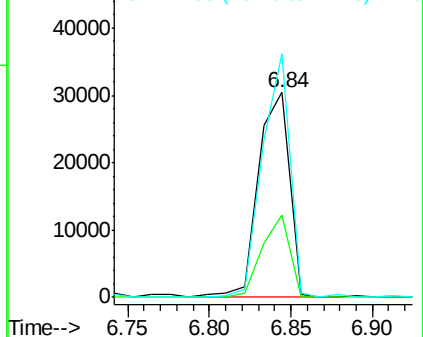
79 100

108 40.0 62.5 93.7#

77 118.7 51.5 77.3#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.03 ng

RT: 6.97 min Scan# 471

Delta R.T. -0.01 min

Lab File: BF089817.D

Acq: 20 Aug 2016 00:52

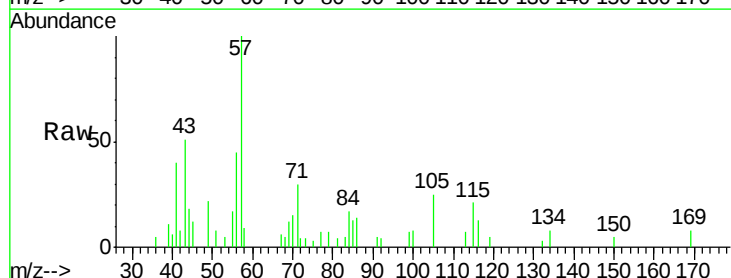
Tgt Ion: 45 Resp: 1500

Ion Ratio Lower Upper

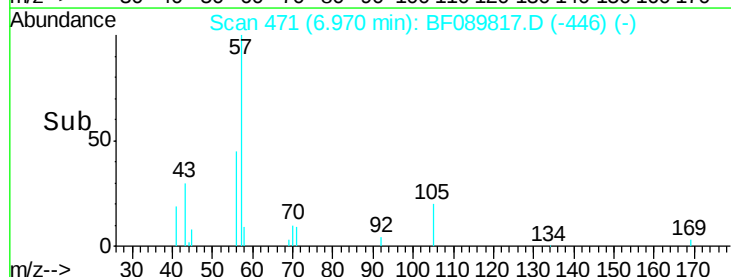
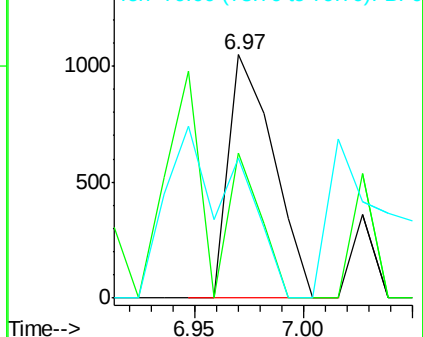
45 100

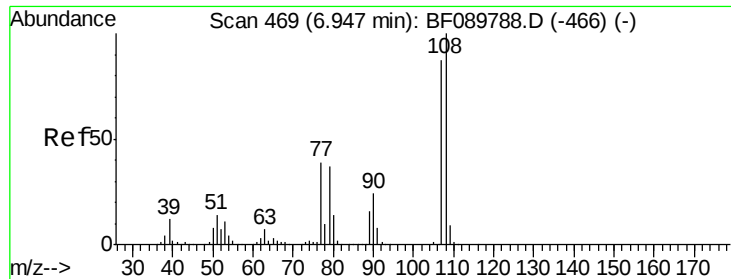
77 59.7 0.0 33.5#

79 57.6 0.0 30.7#



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

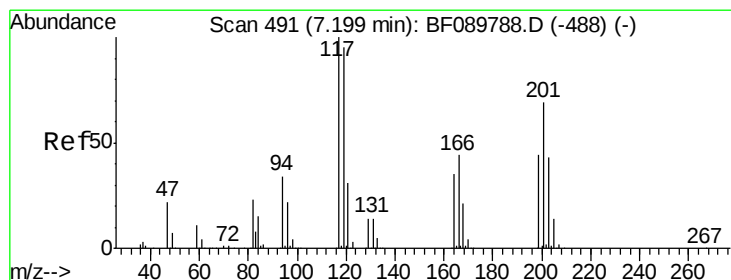
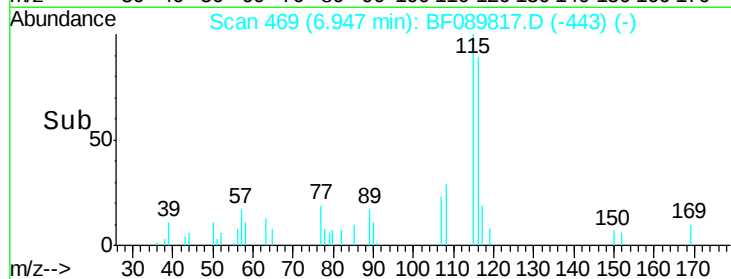
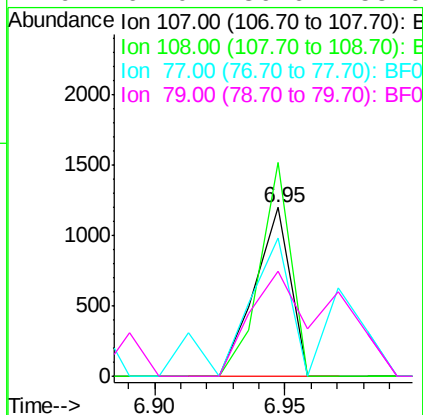
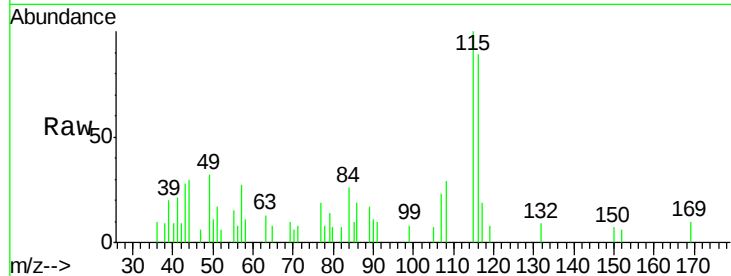




#17
2-Methylphenol
Concen: 0.04 ng
RT: 6.95 min Scan# 469
Delta R.T. 0.00 min
Lab File: BF089817.D
Acq: 20 Aug 2016 00:52

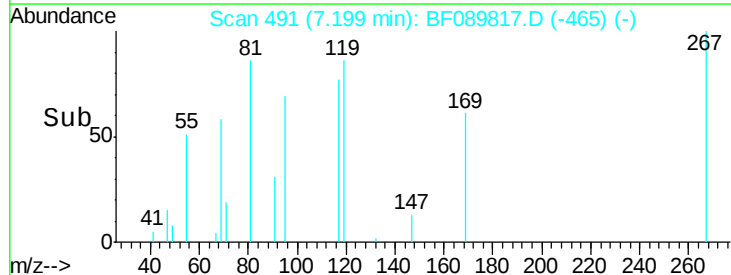
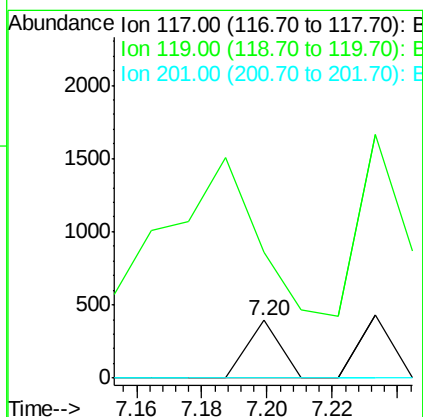
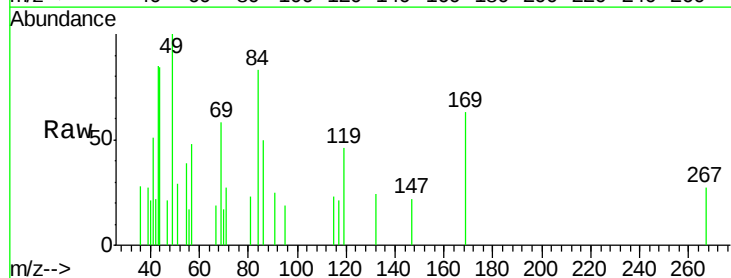
Instrument :
BNA_F
ClientSampleId :
B-2(0-5)

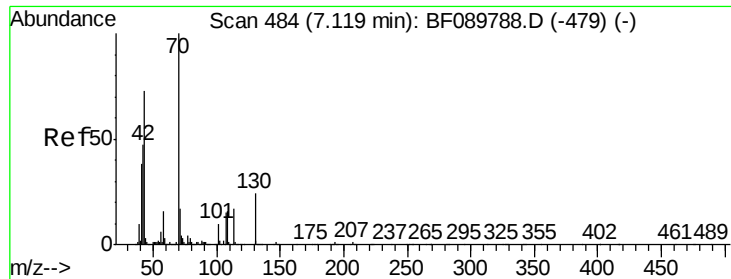
Tgt Ion:107 Resp: 1161
Ion Ratio Lower Upper
107 100
108 126.5 91.0 136.4
77 81.6 37.4 56.0#
79 62.0 36.6 55.0#



#18
Hexachloroethane
Concen: 0.02 ng
RT: 7.20 min Scan# 491
Delta R.T. 0.00 min
Lab File: BF089817.D
Acq: 20 Aug 2016 00:52

Tgt Ion:117 Resp: 269
Ion Ratio Lower Upper
117 100
119 219.1 77.1 115.7#
201 0.0 76.9 115.3#

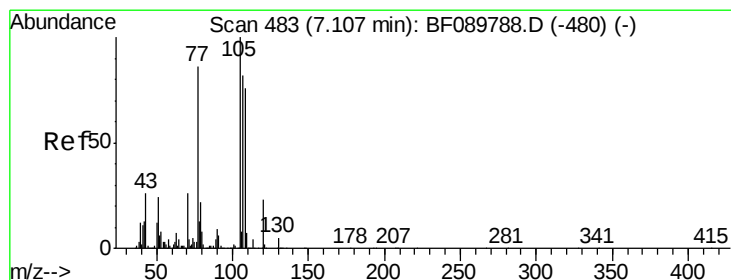
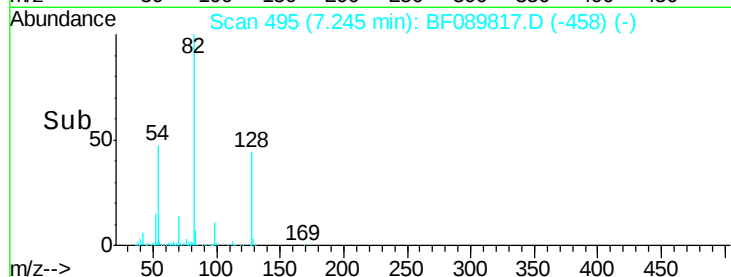
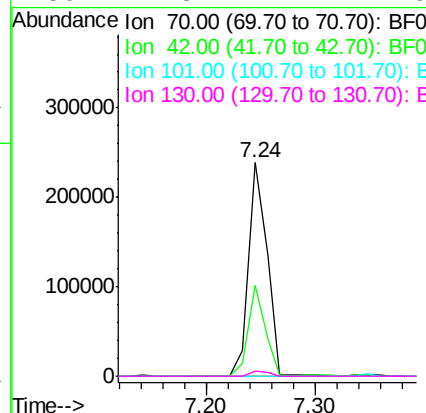
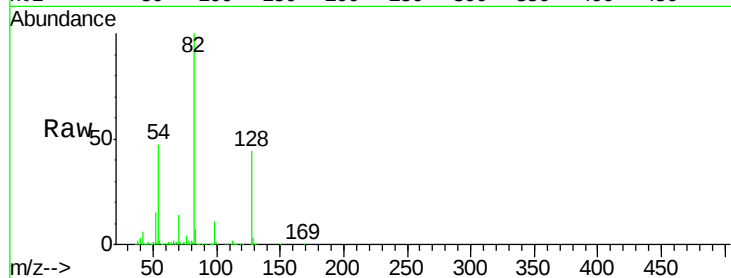




#19
n-Nitroso-di-n-propylamine
Concen: 10.39 ng
RT: 7.24 min Scan# 495
Delta R.T. 0.13 min
Lab File: BF089817.D
Acq: 20 Aug 2016 00:52

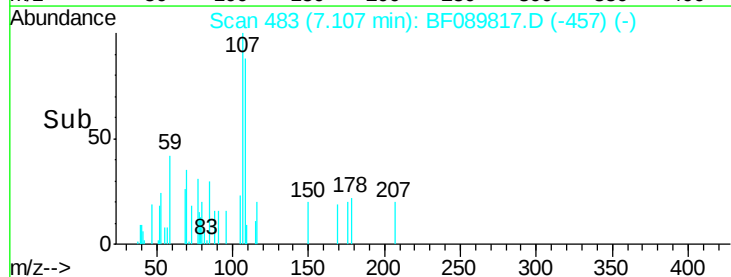
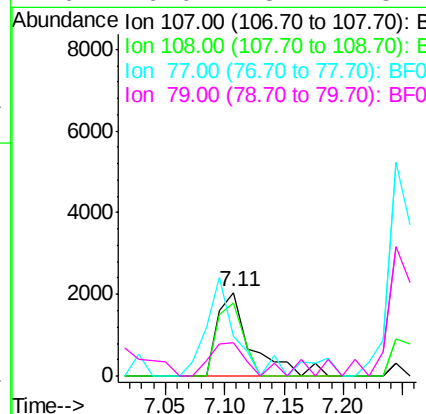
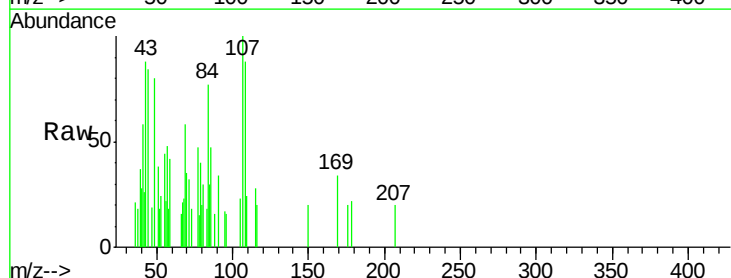
Instrument :
BNA_F
ClientSampleId :
B-2(0-5)

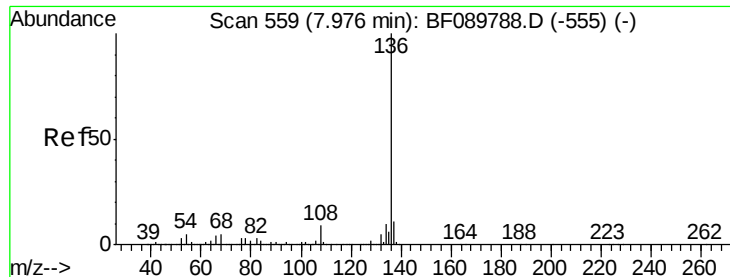
Tgt Ion	Ratio	Lower	Upper
70	100		
42	42.7	46.3	69.5#
101	0.0	7.0	10.6#
130	2.3	14.4	21.6#



#20
3+4-Methylphenols
Concen: 0.10 ng
RT: 7.11 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF089817.D
Acq: 20 Aug 2016 00:52

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.7	68.2	108.2
77	47.4	122.3	162.3#
79	40.0	8.2	48.2

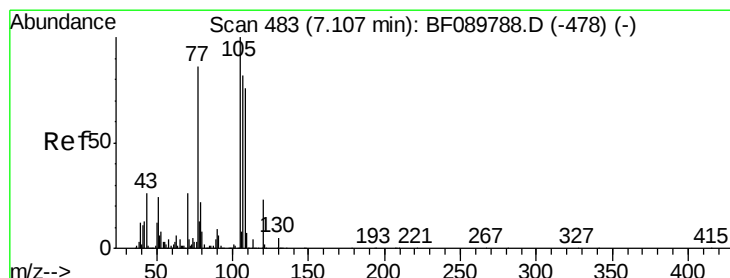
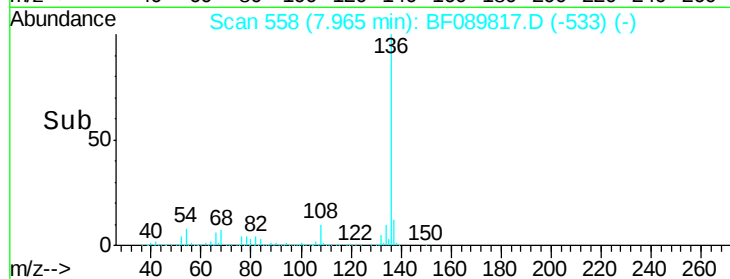
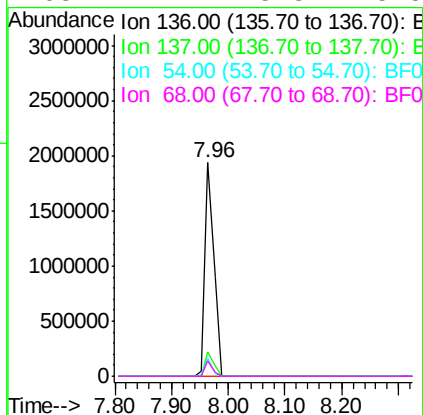
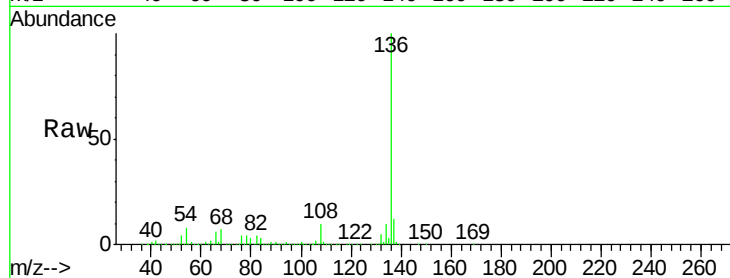




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF089817.D
Acq: 20 Aug 2016 00:52

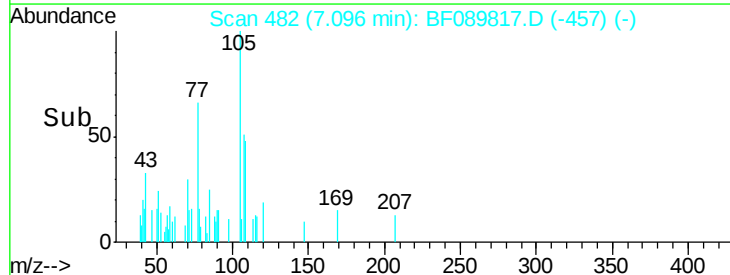
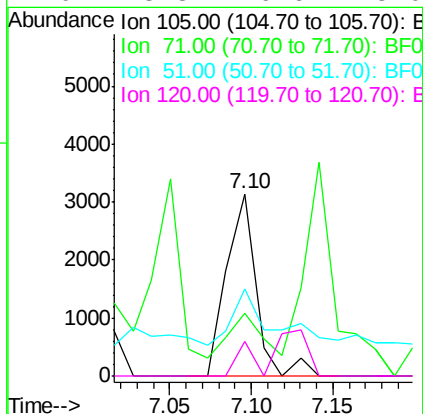
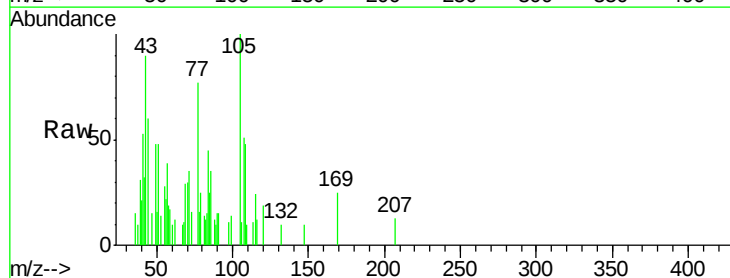
Instrument :
BNA_F
ClientSampleId :
B-2(0-5)

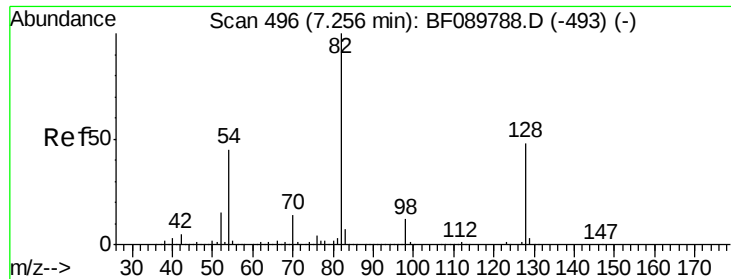
Tgt Ion:	136	Resp:	1991449
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	8.3	7.2	10.8
68	7.2	5.8	8.8



#22
Acetophenone
Concen: 0.09 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.01 min
Lab File: BF089817.D
Acq: 20 Aug 2016 00:52

Tgt Ion:	105	Resp:	3941
Ion	Ratio	Lower	Upper
105	100		
71	34.7	1.9	2.9#
51	47.6	28.5	42.7#
120	18.8	16.6	25.0

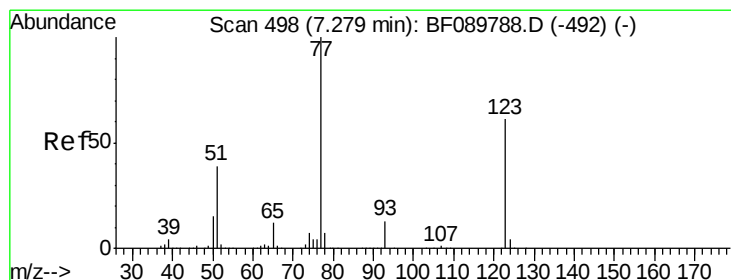
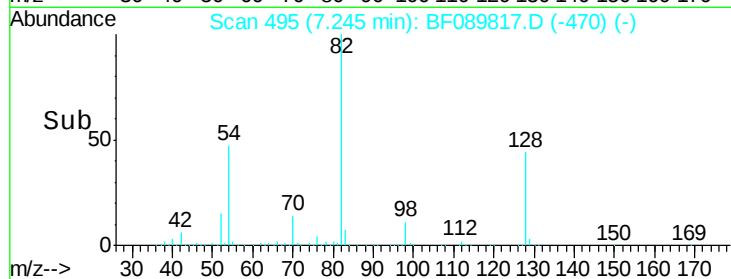
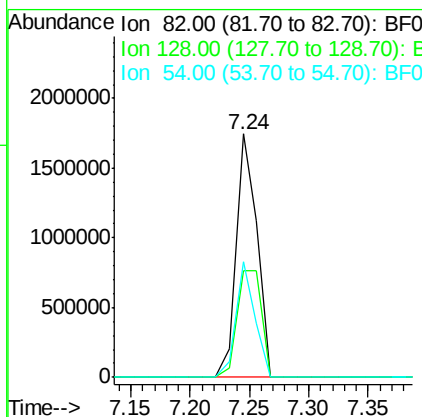
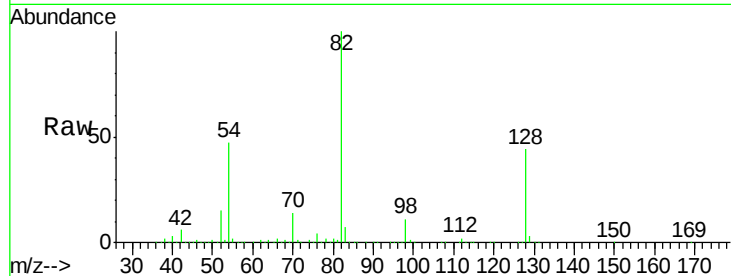




#23
 Nitrobenzene-d5
 Concen: 66.18 ng
 RT: 7.24 min Scan# 495
 Delta R.T. -0.01 min
 Lab File: BF089817.D
 Acq: 20 Aug 2016 00:52

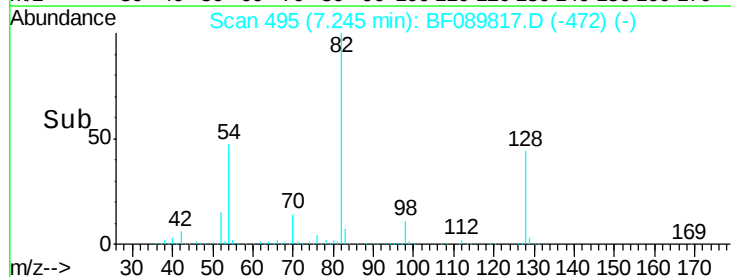
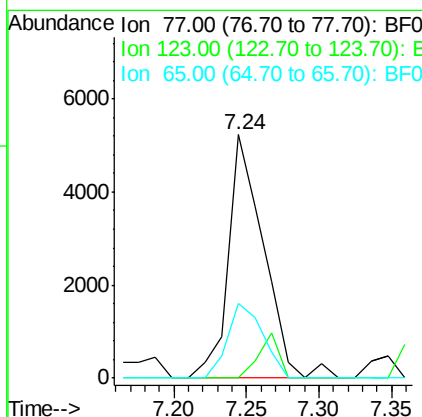
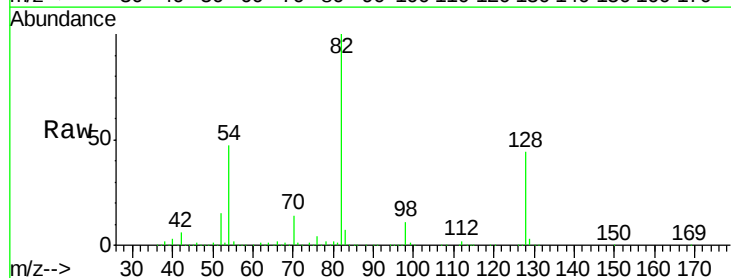
Instrument :
 BNA_F
 ClientSampleId :
 B-2(0-5)

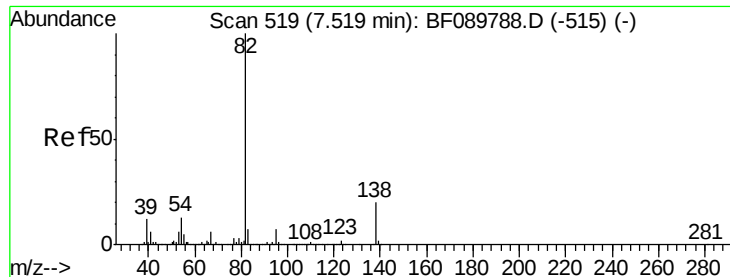
Tgt Ion: 82 Resp: 2121340
 Ion Ratio Lower Upper
 82 100
 128 43.6 34.4 51.6
 54 47.3 40.3 60.5



#24
 Nitrobenzene
 Concen: 0.25 ng
 RT: 7.24 min Scan# 495
 Delta R.T. -0.03 min
 Lab File: BF089817.D
 Acq: 20 Aug 2016 00:52

Tgt Ion: 77 Resp: 8842
 Ion Ratio Lower Upper
 77 100
 123 0.0 36.2 54.2#
 65 30.5 10.6 15.8#





#25

Isophorone

Concen: 30.50 ng

RT: 7.24 min Scan# 495

Delta R.T. -0.27 min

Lab File: BF089817.D

Acq: 20 Aug 2016 00:52

Instrument :

BNA_F

ClientSampleId :

B-2(0-5)

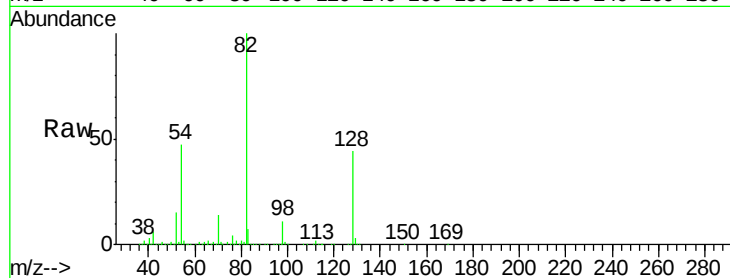
Tgt Ion: 82 Resp: 1971966

Ion Ratio Lower Upper

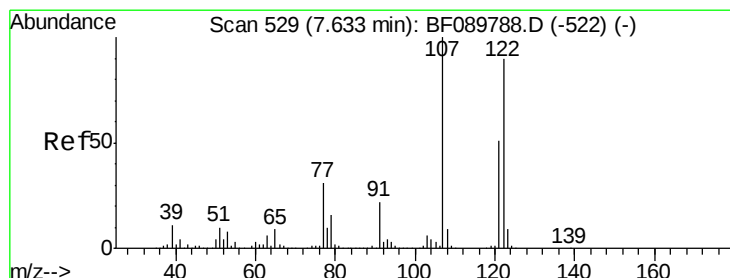
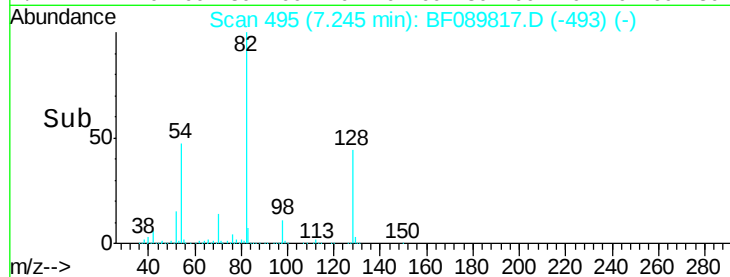
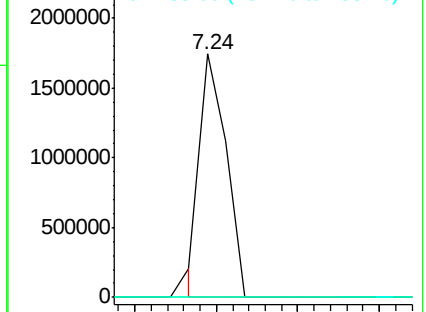
82 100

95 0.0 5.3 7.9#

138 0.0 13.0 19.4#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#27

2,4-Dimethylphenol

Concen: 0.05 ng

RT: 7.63 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF089817.D

Acq: 20 Aug 2016 00:52

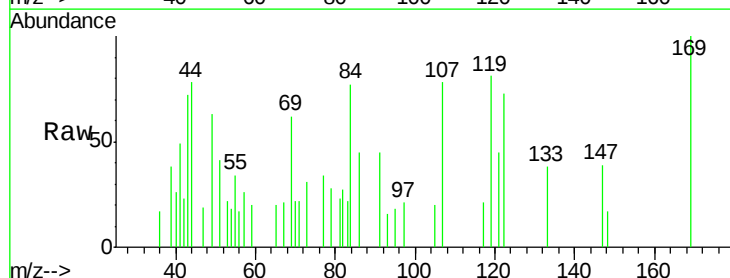
Tgt Ion: 122 Resp: 1693

Ion Ratio Lower Upper

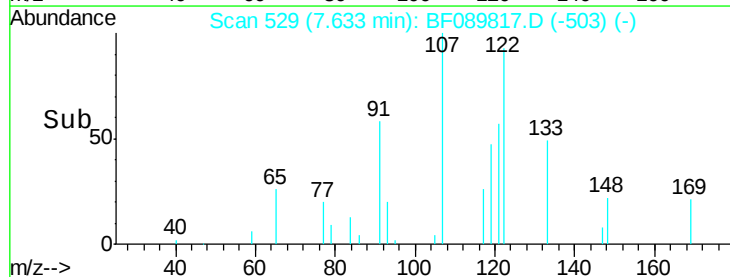
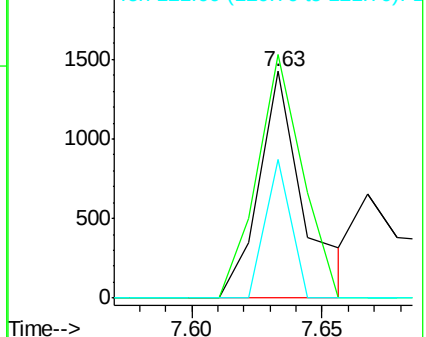
122 100

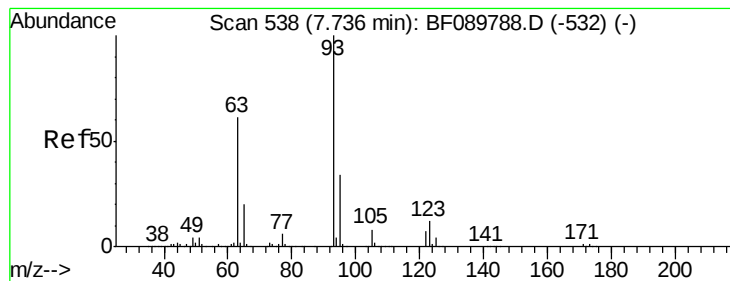
107 107.4 84.8 127.2

121 61.2 47.0 70.6



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





#28

bis(2-Chloroethoxy)methane

Concen: 0.04 ng

RT: 7.72 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF089817.D

Acq: 20 Aug 2016 00:52

Instrument :

BNA_F

ClientSampleId :

B-2(0-5)

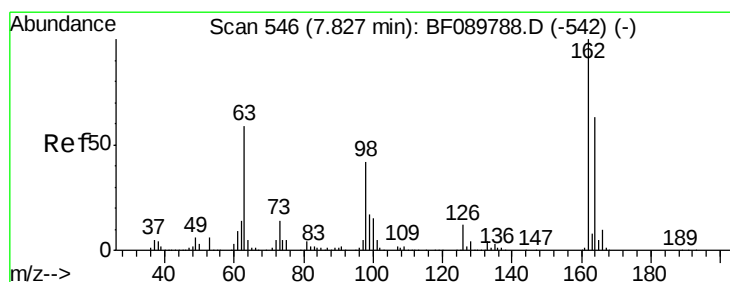
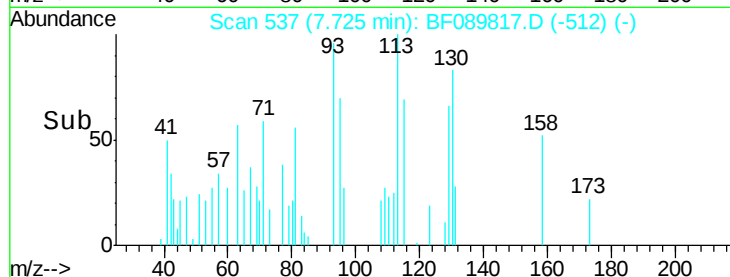
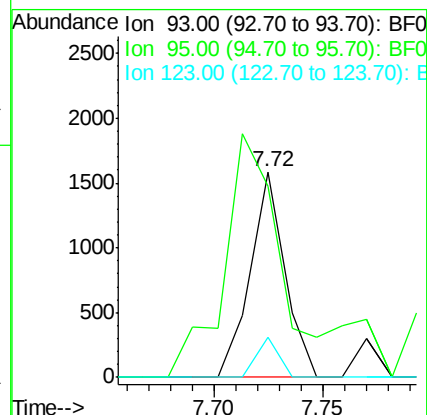
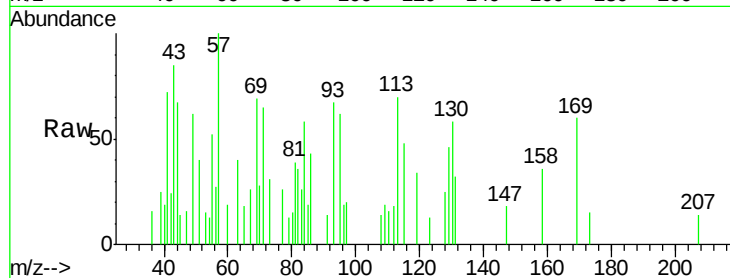
Tgt Ion: 93 Resp: 1759

Ion Ratio Lower Upper

93 100

95 92.9 25.5 38.3#

123 19.3 8.5 12.7#



#29

2,4-Dichlorophenol

Concen: 0.03 ng

RT: 7.83 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF089817.D

Acq: 20 Aug 2016 00:52

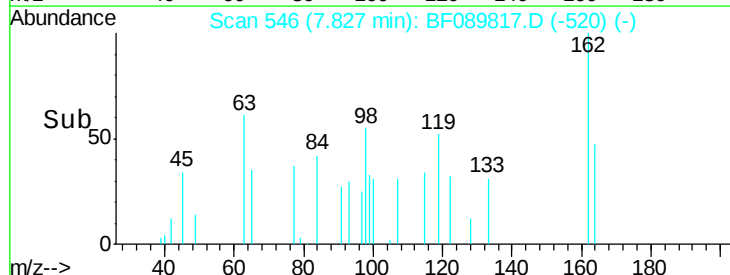
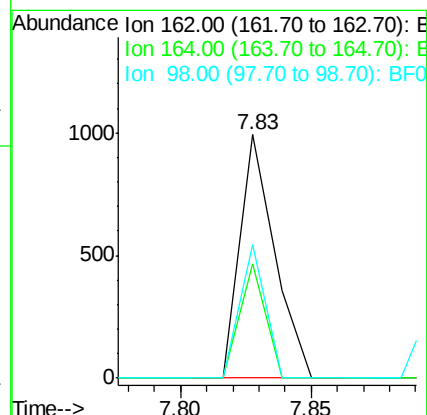
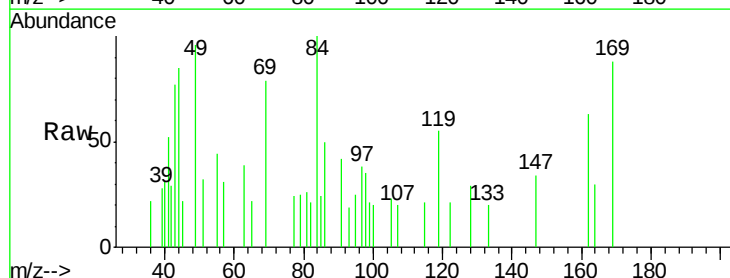
Tgt Ion: 162 Resp: 925

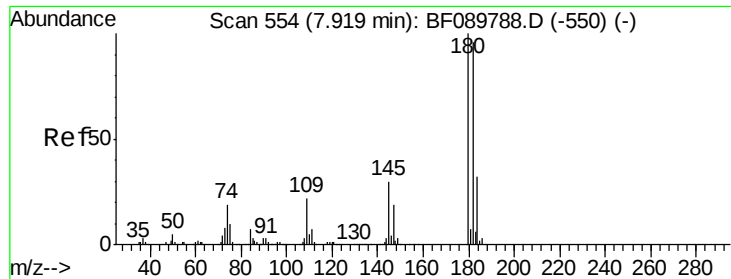
Ion Ratio Lower Upper

162 100

164 47.0 45.5 85.5

98 55.1 12.4 52.4#





#30

1,2,4-Trichlorobenzene

Concen: 0.03 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF089817.D

Acq: 20 Aug 2016 00:52

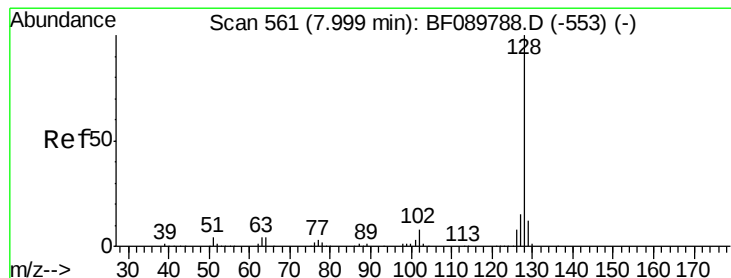
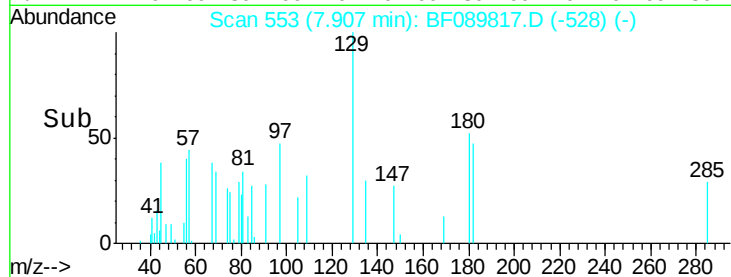
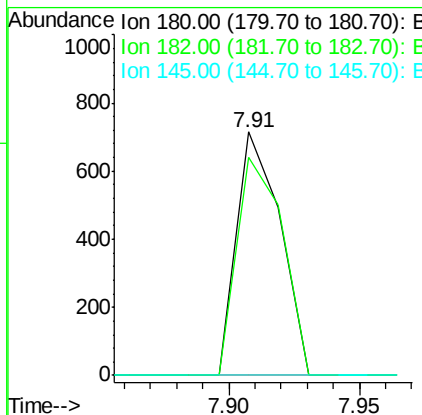
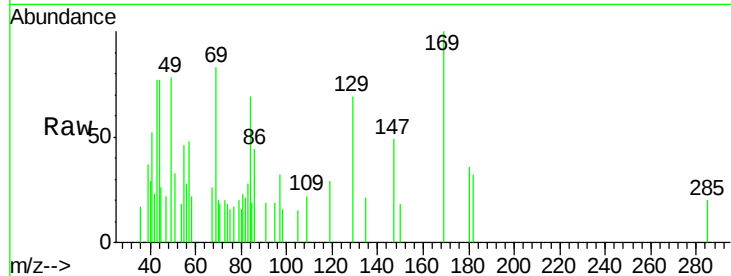
Instrument :

BNA_F

ClientSampleId :

B-2(0-5)

Tgt Ion:	180	Resp:	829
Ion Ratio	Lower	Upper	
180	100		
182	89.8	75.5	113.3
145	0.0	28.7	43.1#



#31

Naphthalene

Concen: 0.75 ng

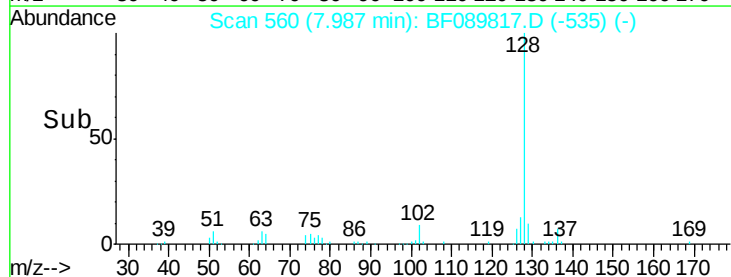
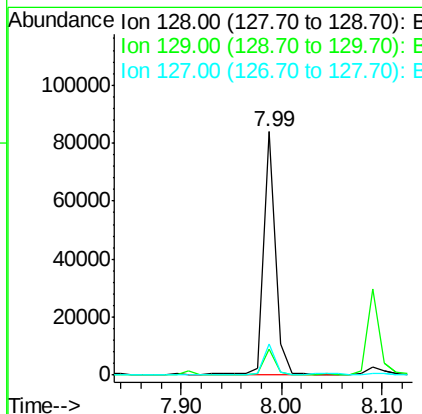
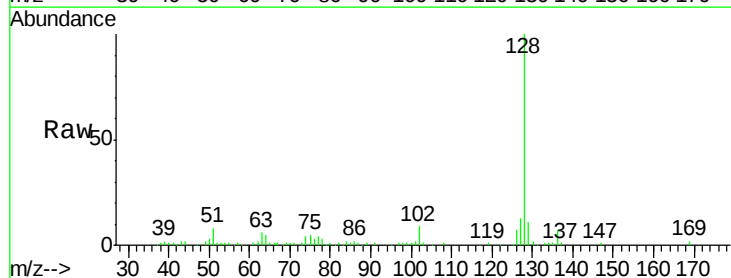
RT: 7.99 min Scan# 560

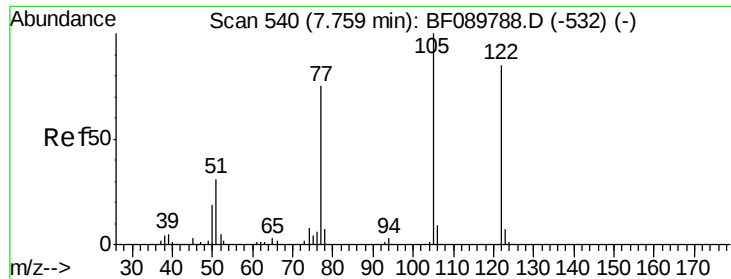
Delta R.T. -0.01 min

Lab File: BF089817.D

Acq: 20 Aug 2016 00:52

Tgt Ion:	128	Resp:	69552
Ion Ratio	Lower	Upper	
128	100		
129	10.6	9.5	14.3
127	12.6	11.3	16.9

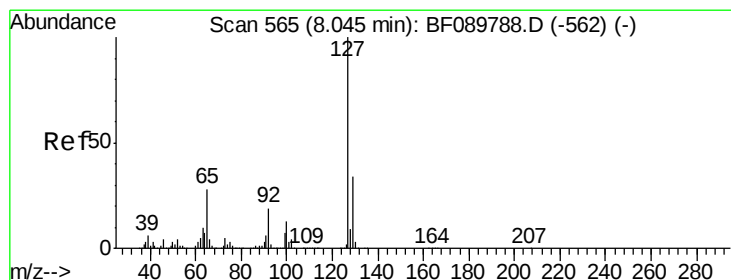
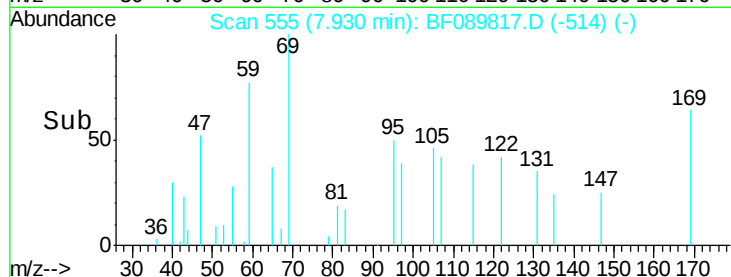
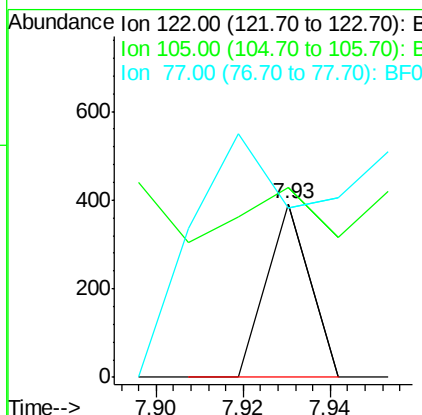
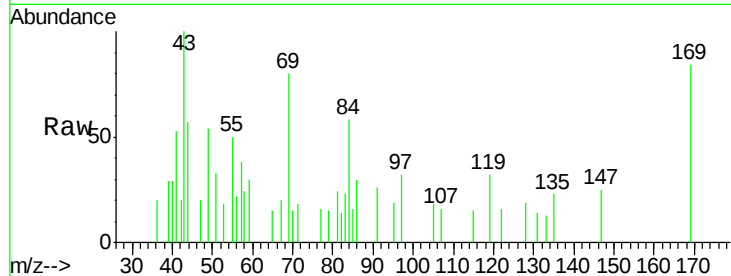




#32
Benzoic acid
Concen: 0.01 ng
RT: 7.93 min Scan# 555
Delta R.T. 0.17 min
Lab File: BF089817.D
Acq: 20 Aug 2016 00:52

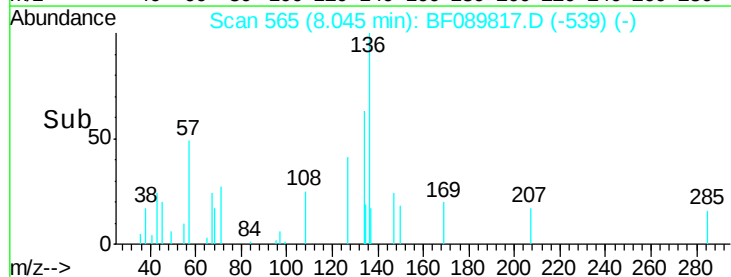
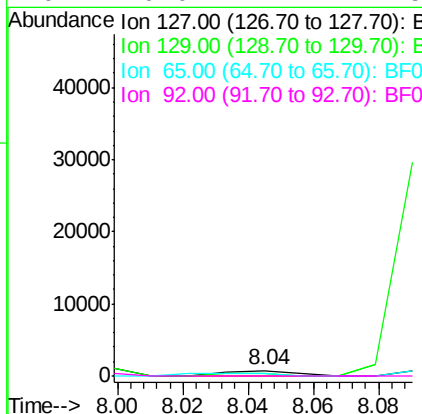
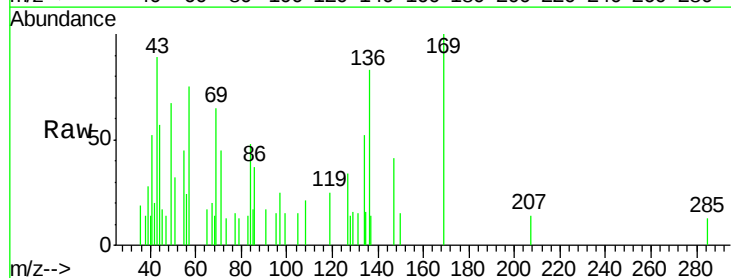
Instrument :
BNA_F
ClientSampleId :
B-2(0-5)

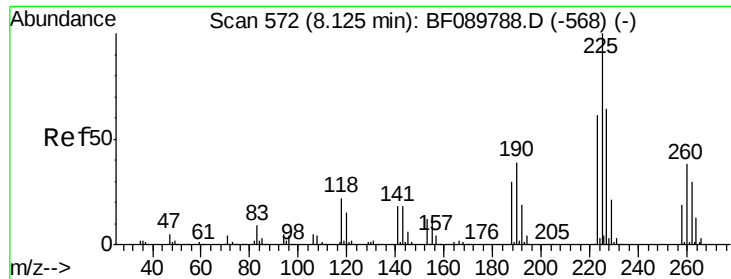
Tgt Ion:122 Resp: 269
Ion Ratio Lower Upper
122 100
105 109.2 100.8 140.8
77 97.4 72.1 112.1



#33
4-Chloroaniline
Concen: 0.03 ng
RT: 8.04 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF089817.D
Acq: 20 Aug 2016 00:52

Tgt Ion:127 Resp: 1212
Ion Ratio Lower Upper
127 100
129 47.2 27.0 40.6#
65 49.4 14.7 22.1#
92 0.0 11.7 17.5#





#34

Hexachlorobutadiene

Concen: 0.02 ng

RT: 8.11 min Scan# 571

Delta R.T. -0.01 min

Lab File: BF089817.D

Acq: 20 Aug 2016 00:52

Instrument :

BNA_F

ClientSampleId :

B-2(0-5)

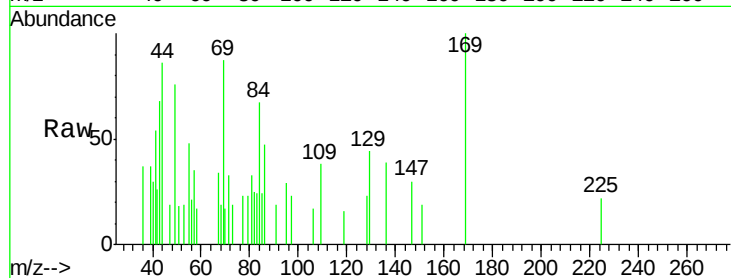
Tgt Ion:225 Resp: 271

Ion Ratio Lower Upper

225 100

223 0.0 51.0 76.6#

227 0.0 49.8 74.6#



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

8.11

400

300

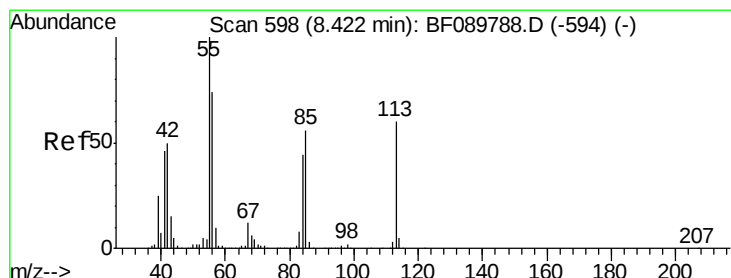
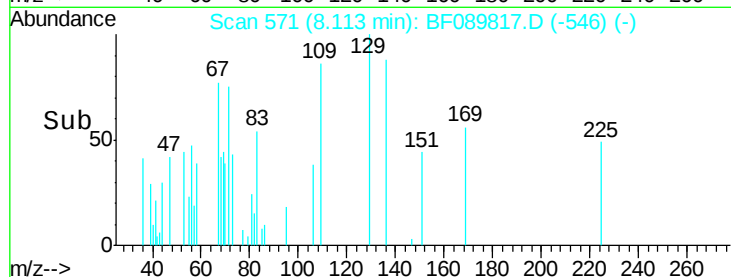
200

100

0

8.08 8.10 8.12 8.14

Time-->



#35

Caprolactam

Concen: 0.08 ng

RT: 8.41 min Scan# 597

Delta R.T. -0.01 min

Lab File: BF089817.D

Acq: 20 Aug 2016 00:52

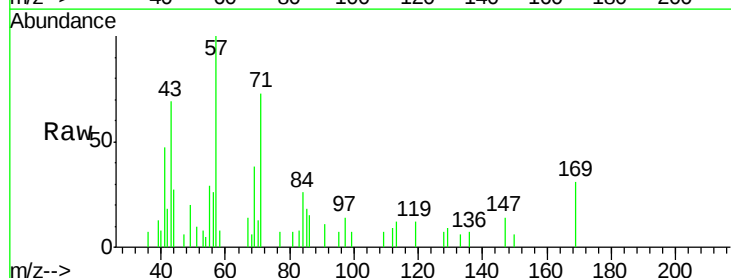
Tgt Ion:113 Resp: 702

Ion Ratio Lower Upper

113 100

55 233.7 135.9 175.9#

56 211.2 93.9 133.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

2000

1500

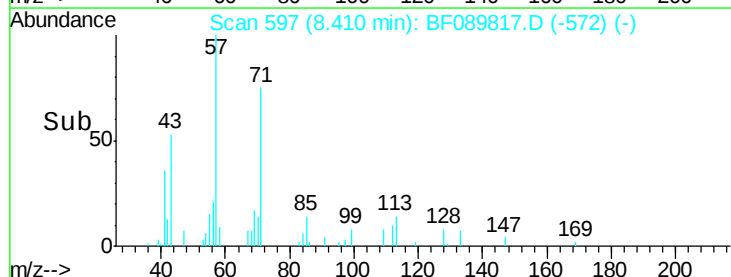
1000

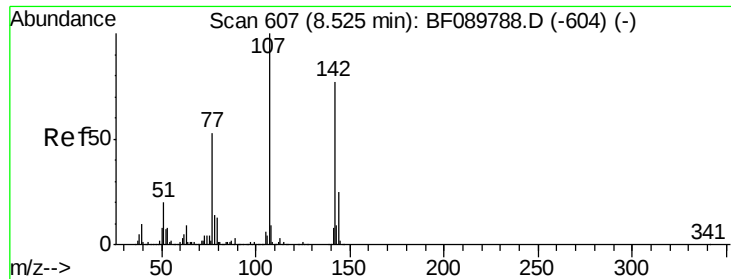
500

0

8.38 8.40 8.42 8.44 8.46

Time-->

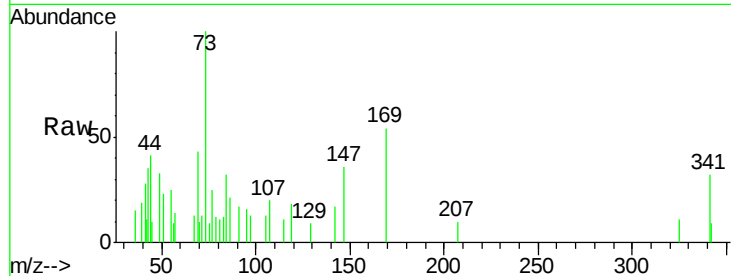




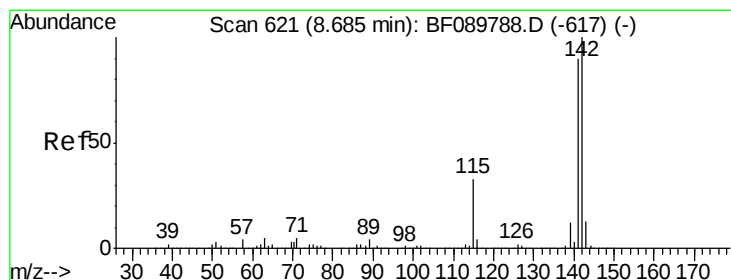
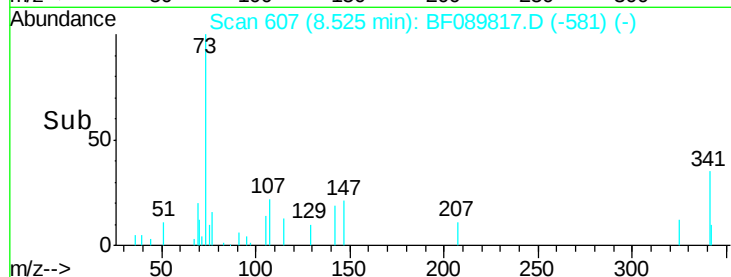
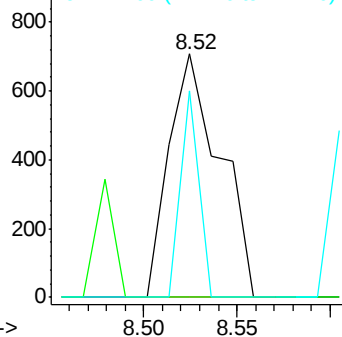
#36
 4-Chloro-3-methylphenol
 Concen: 0.05 ng
 RT: 8.52 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF089817.D
 Acq: 20 Aug 2016 00:52

Instrument :
 BNA_F
 ClientSampleId :
 B-2(0-5)

Tgt Ion:107 Resp: 1342
 Ion Ratio Lower Upper
 107 100
 144 0.0 22.6 34.0#
 142 84.6 69.3 103.9

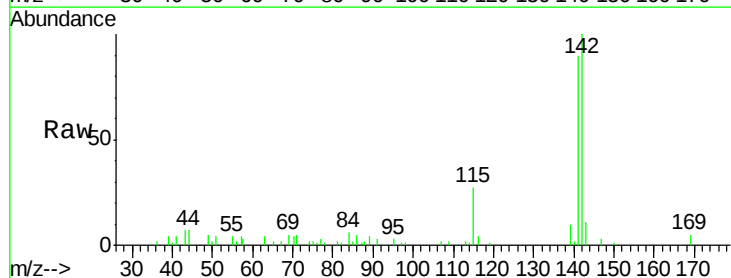


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

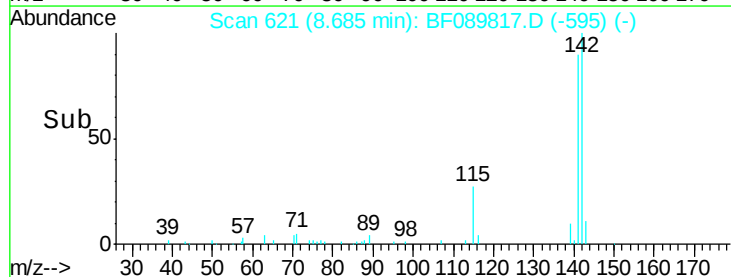
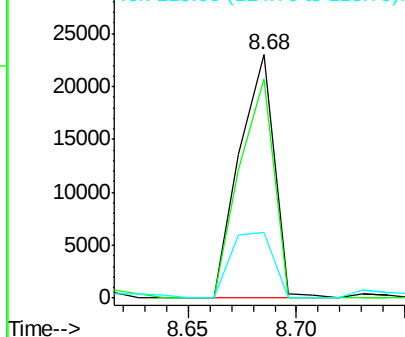


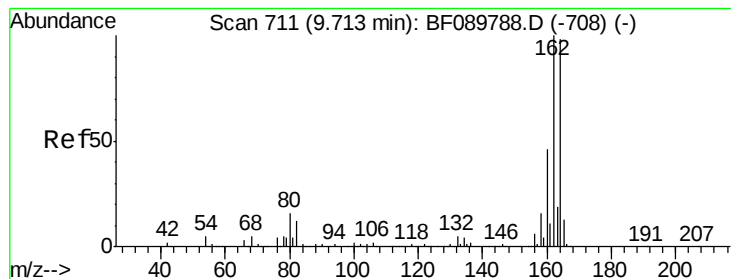
#37
 2-Methylnaphthalene
 Concen: 0.43 ng
 RT: 8.68 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF089817.D
 Acq: 20 Aug 2016 00:52

Tgt Ion:142 Resp: 25660
 Ion Ratio Lower Upper
 142 100
 141 90.0 71.4 107.2
 115 27.1 22.7 34.1



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: 9.71 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF089817.D

Acq: 20 Aug 2016 00:52

Instrument :

BNA_F

ClientSampleId :

B-2(0-5)

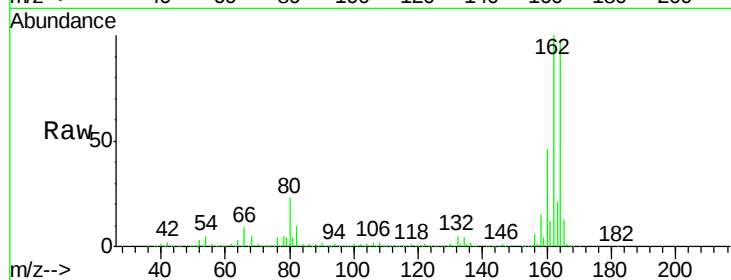
Tgt Ion:164 Resp: 862191

Ion Ratio Lower Upper

164 100

162 102.8 81.4 122.2

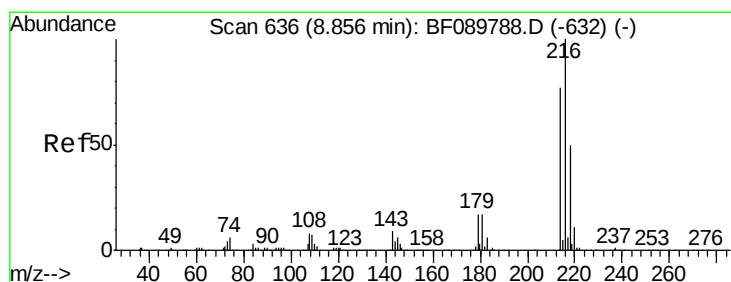
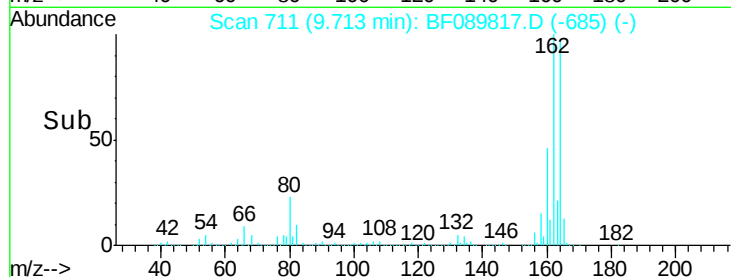
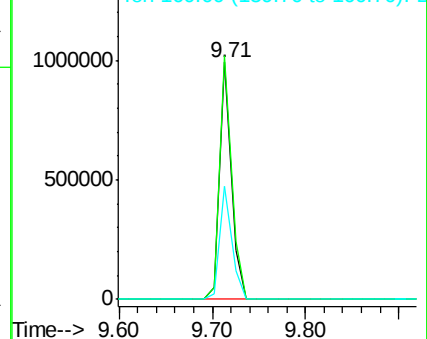
160 47.7 37.8 56.6



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: 0.02 ng

RT: 8.84 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF089817.D

Acq: 20 Aug 2016 00:52

Tgt Ion:216 Resp: 620

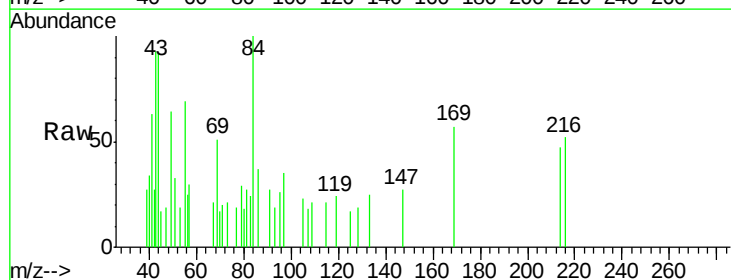
Ion Ratio Lower Upper

216 100

214 90.0 63.5 95.3

179 0.0 19.9 29.9#

108 0.0 19.9 29.9#

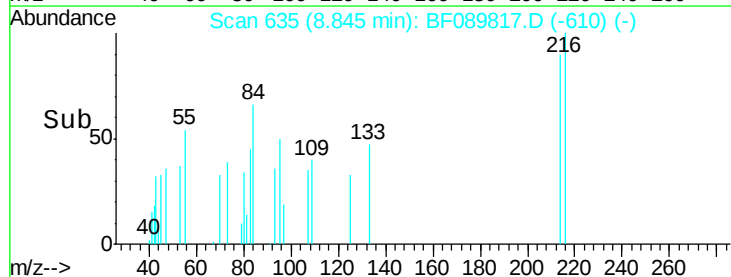
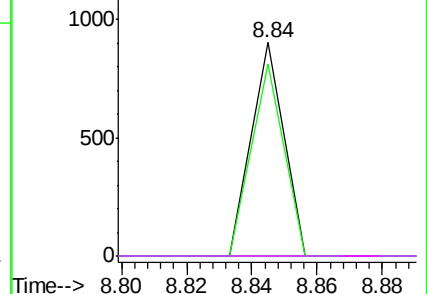


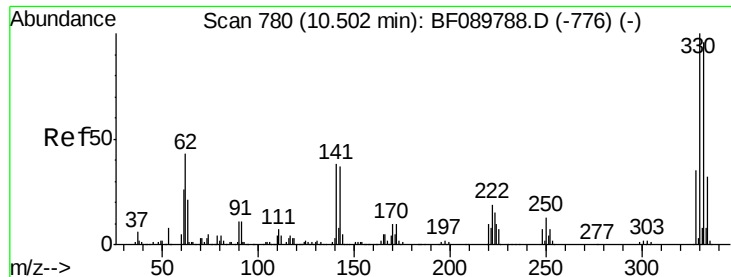
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

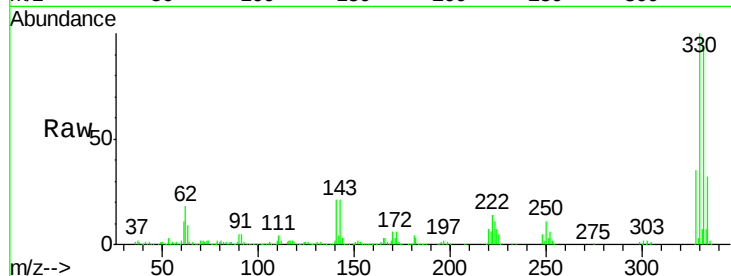




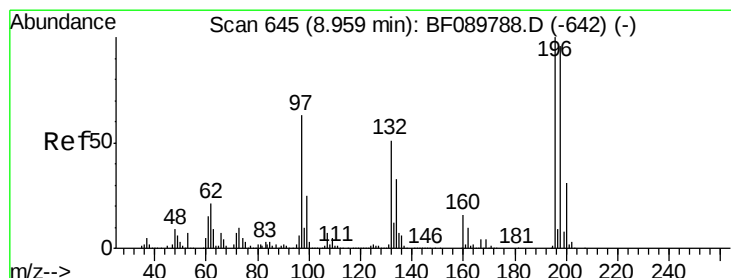
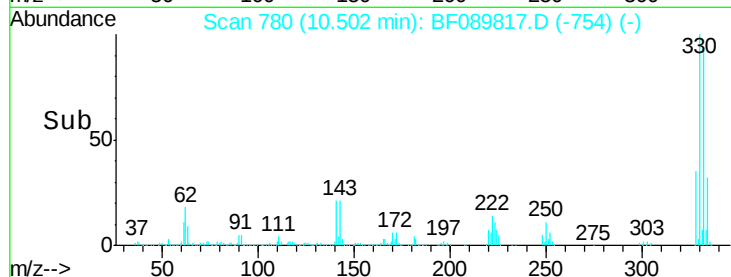
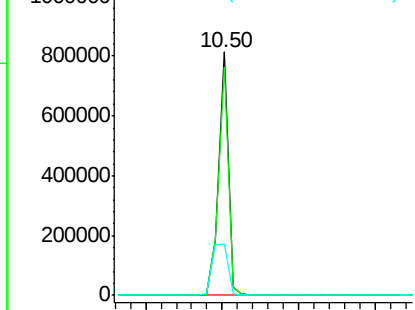
#41
 2,4,6-Tribromophenol
 Concen: 88.15 ng
 RT: 10.50 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BF089817.D
 Acq: 20 Aug 2016 00:52

Instrument :
 BNA_F
 ClientSampleId :
 B-2(0-5)

Tgt Ion:330 Resp: 722260
 Ion Ratio Lower Upper
 330 100
 332 94.8 76.7 115.1
 141 33.6 30.2 45.2

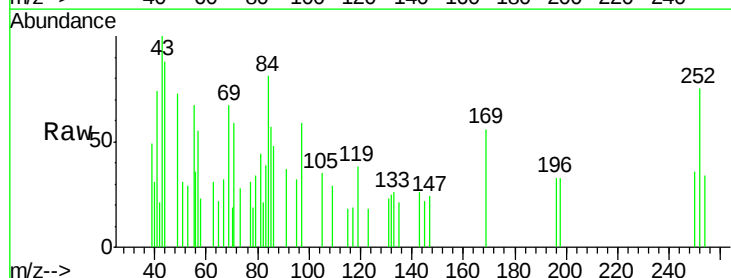


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

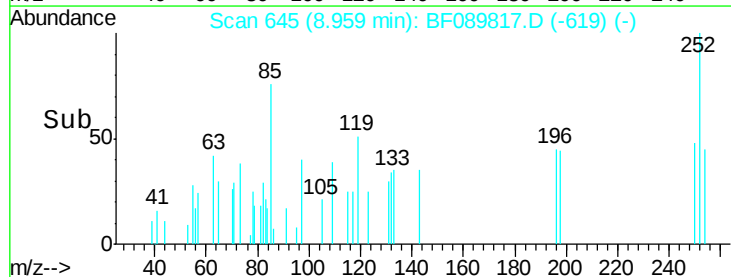
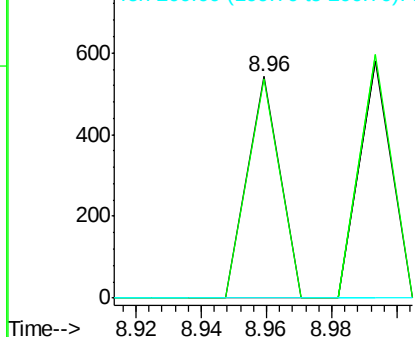


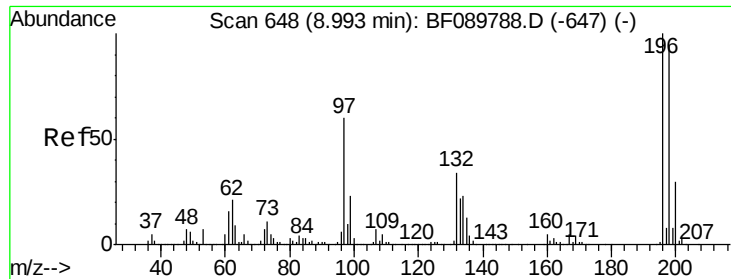
#42
 2,4,6-Trichlorophenol
 Concen: 0.02 ng
 RT: 8.96 min Scan# 645
 Delta R.T. 0.00 min
 Lab File: BF089817.D
 Acq: 20 Aug 2016 00:52

Tgt Ion:196 Resp: 372
 Ion Ratio Lower Upper
 196 100
 198 99.3 76.3 114.5
 200 0.0 24.6 36.8#



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

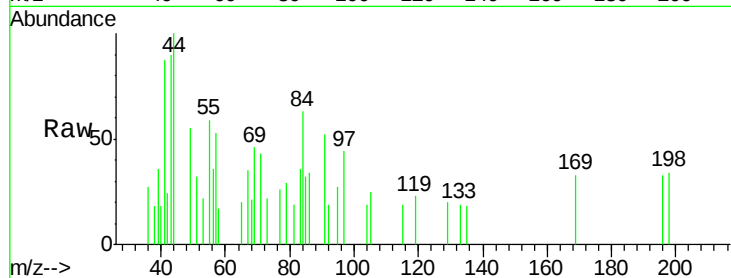




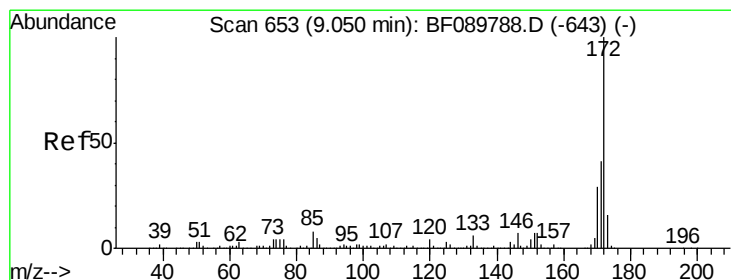
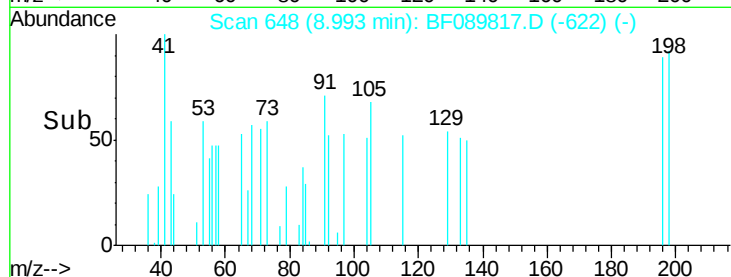
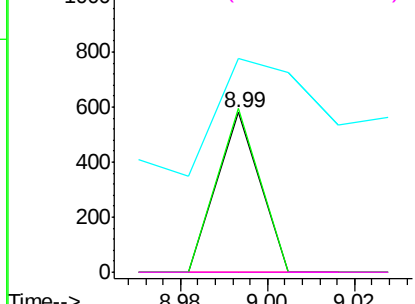
#43
 2,4,5-Trichlorophenol
 Concen: 0.02 ng
 RT: 8.99 min Scan# 648
 Delta R.T. 0.00 min
 Lab File: BF089817.D
 Acq: 20 Aug 2016 00:52

Instrument :
 BNA_F
 ClientSampled :
 B-2(0-5)

Tgt Ion:196 Resp: 398
 Ion Ratio Lower Upper
 196 100
 198 102.8 76.6 114.8
 97 133.8 35.8 53.8#
 132 0.0 23.5 35.3#

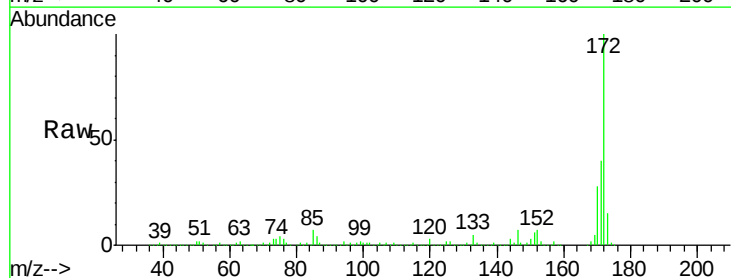


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

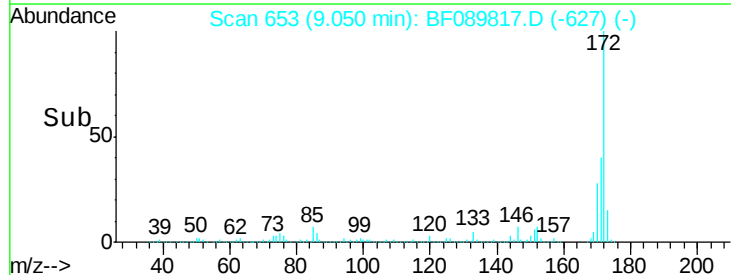
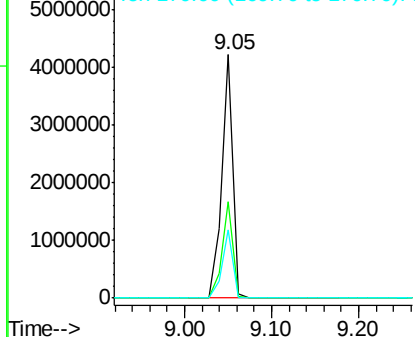


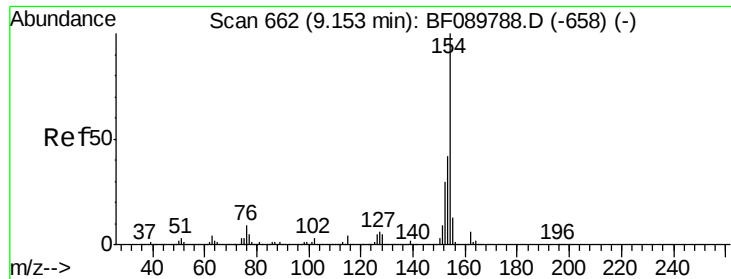
#44
 2-Fluorobiphenyl
 Concen: 77.61 ng
 RT: 9.05 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF089817.D
 Acq: 20 Aug 2016 00:52

Tgt Ion:172 Resp: 3807030
 Ion Ratio Lower Upper
 172 100
 171 39.9 30.5 45.7
 170 27.9 20.6 31.0



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

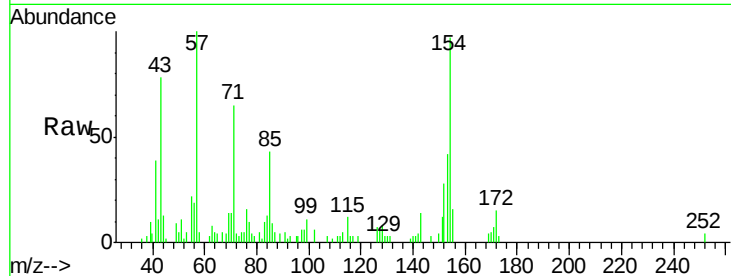




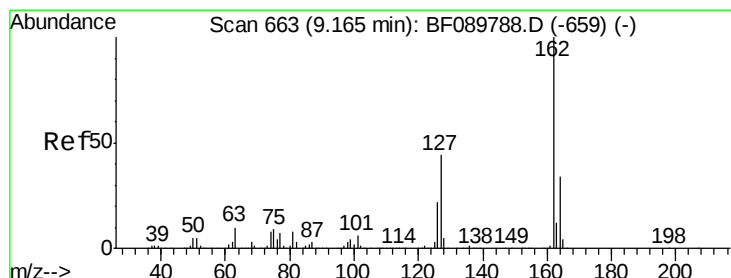
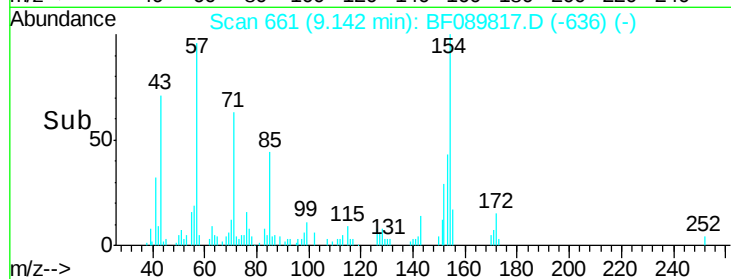
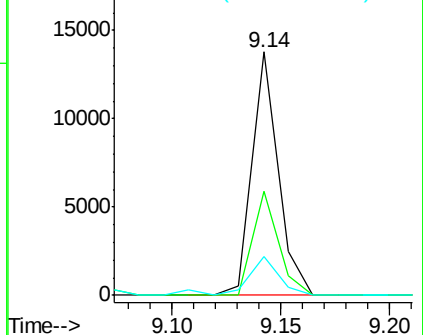
#45
 1,1'-Biphenyl
 Concen: 0.17 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.01 min
 Lab File: BF089817.D
 Acq: 20 Aug 2016 00:52

Instrument :
 BNA_F
 ClientSampleId :
 B-2(0-5)

Tgt Ion:154 Resp: 11536
 Ion Ratio Lower Upper
 154 100
 153 42.9 21.5 61.5
 76 16.2 0.0 36.7

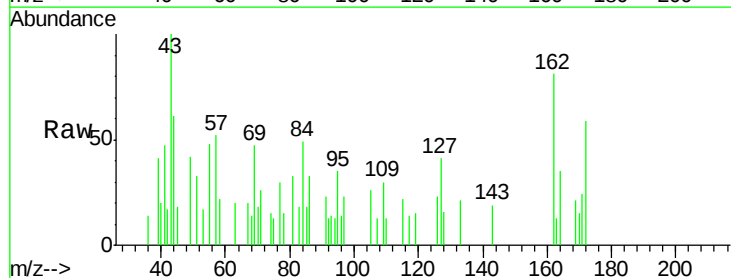


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

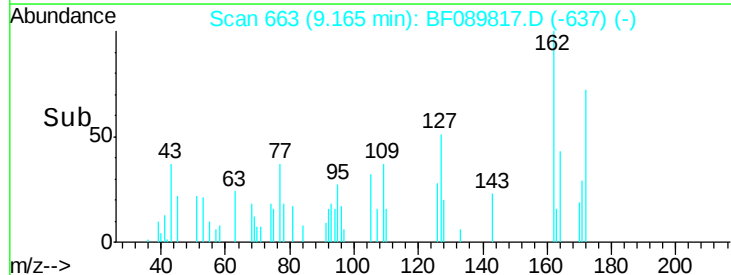
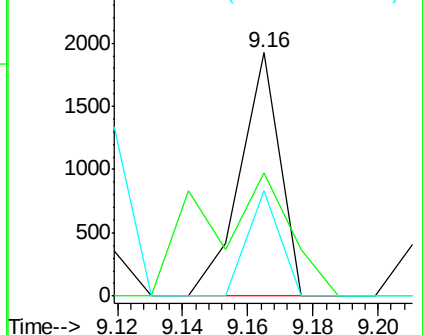


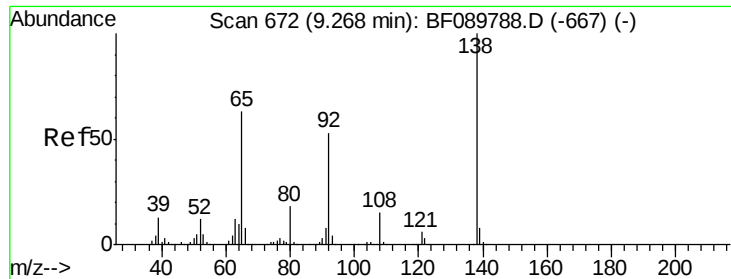
#46
 2-Chloronaphthalene
 Concen: 0.03 ng
 RT: 9.16 min Scan# 663
 Delta R.T. 0.00 min
 Lab File: BF089817.D
 Acq: 20 Aug 2016 00:52

Tgt Ion:162 Resp: 1607
 Ion Ratio Lower Upper
 162 100
 127 50.7 35.5 53.3
 164 43.3 26.6 40.0#



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: 0.03 ng

RT: 9.26 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF089817.D

Acq: 20 Aug 2016 00:52

Instrument :

BNA_F

ClientSampleId :

B-2(0-5)

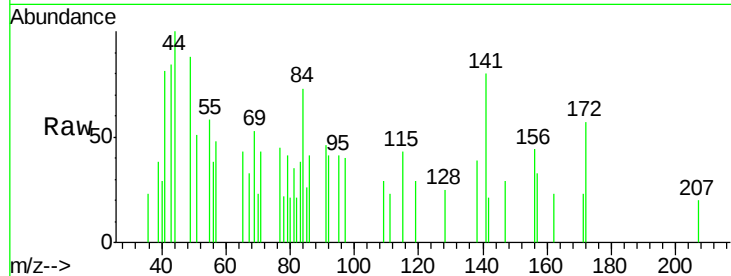
Tgt Ion: 65 Resp: 438

Ion Ratio Lower Upper

65 100

92 95.8 56.3 84.5#

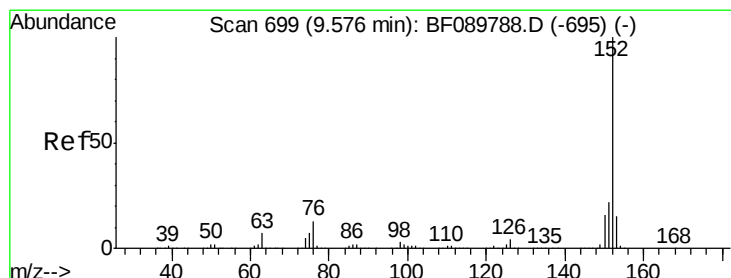
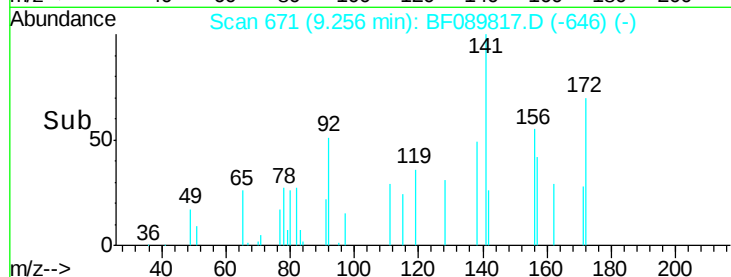
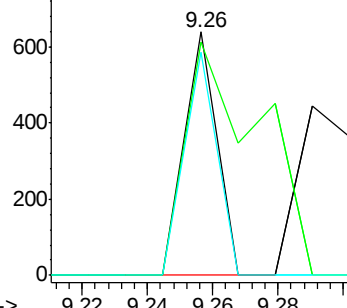
138 91.9 81.8 122.8



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: 0.69 ng

RT: 9.58 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF089817.D

Acq: 20 Aug 2016 00:52

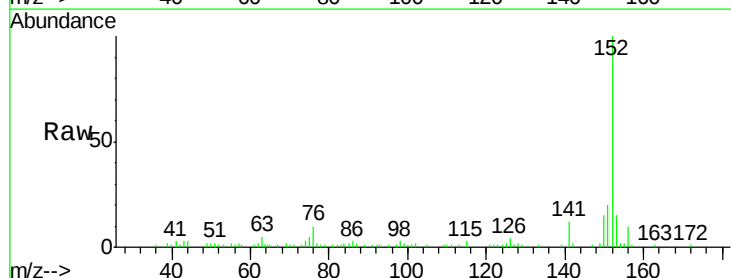
Tgt Ion: 152 Resp: 54998

Ion Ratio Lower Upper

152 100

151 20.1 17.1 25.7

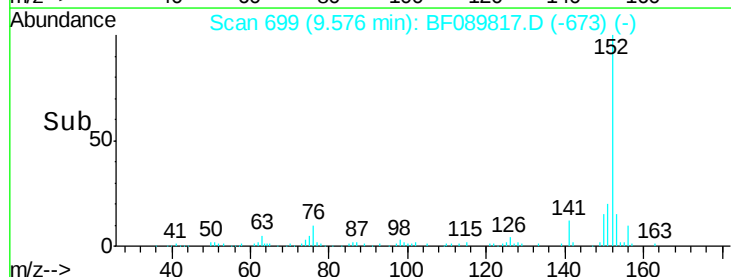
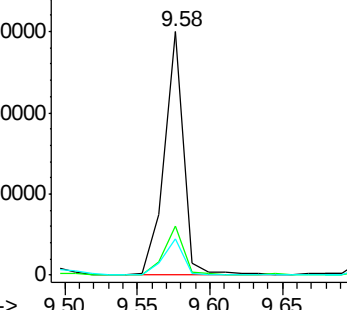
153 14.7 11.2 16.8

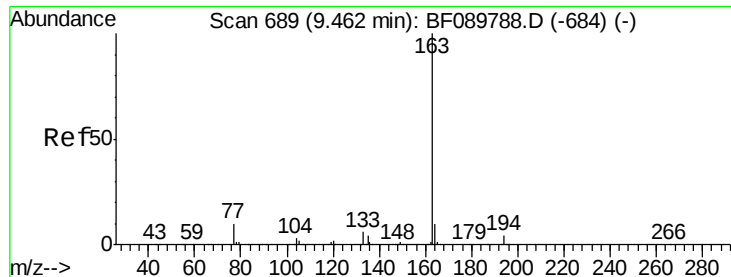


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 15.24 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF089817.D

Acq: 20 Aug 2016 00:52

Instrument :

BNA_F

ClientSampleId :

B-2(0-5)

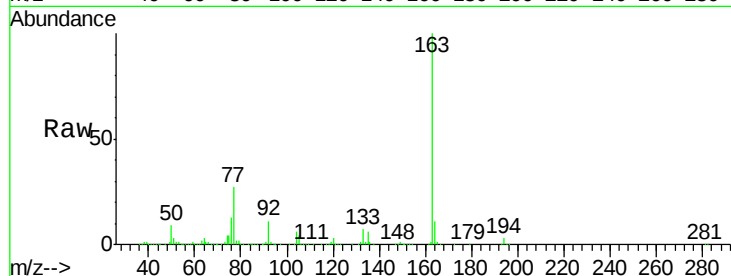
Tgt Ion:163 Resp: 925341

Ion Ratio Lower Upper

163 100

194 2.9 2.6 3.8

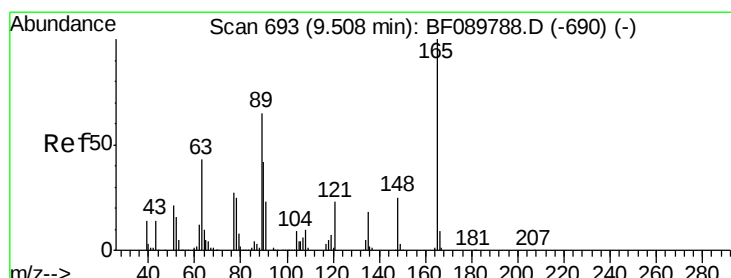
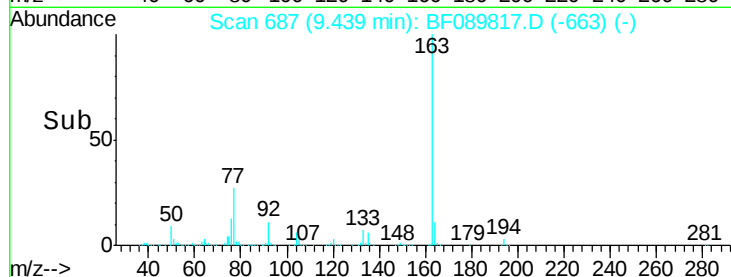
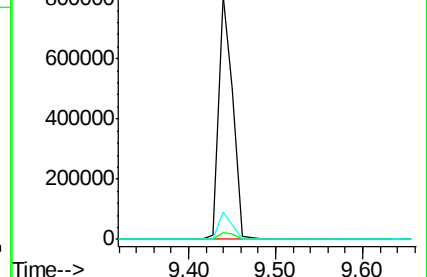
164 11.0 8.6 12.8



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: 0.71 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.07 min

Lab File: BF089817.D

Acq: 20 Aug 2016 00:52

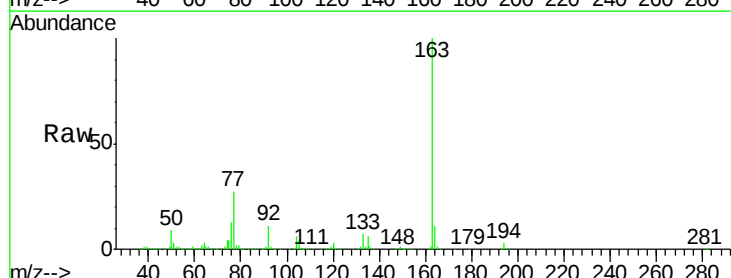
Tgt Ion:165 Resp: 9920

Ion Ratio Lower Upper

165 100

63 182.5 41.7 62.5#

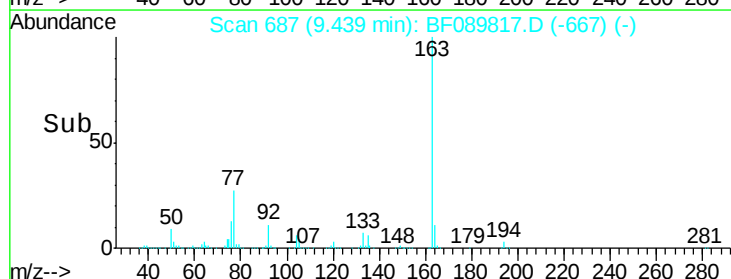
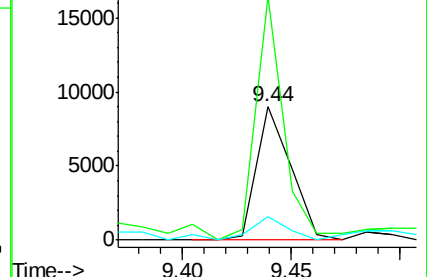
89 17.8 44.6 67.0#

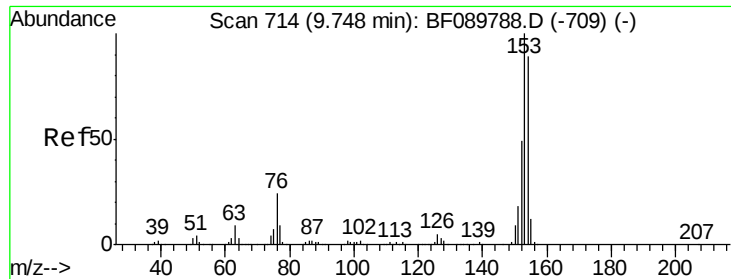


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 1.81 ng

RT: 9.75 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF089817.D

Acq: 20 Aug 2016 00:52

Instrument :

BNA_F

ClientSampleId :

B-2(0-5)

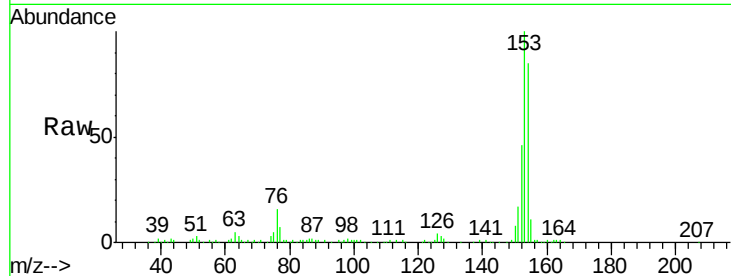
Tgt Ion:154 Resp: 94834

Ion Ratio Lower Upper

154 100

153 117.0 90.5 135.7

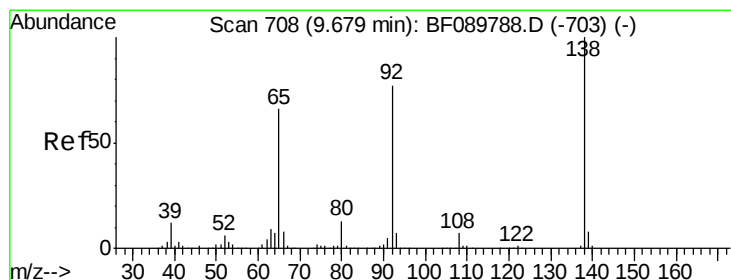
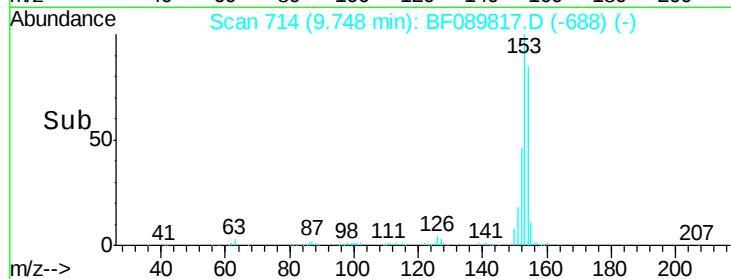
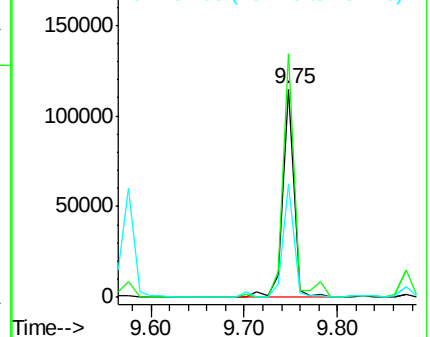
152 54.0 44.6 67.0



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: 0.02 ng

RT: 9.67 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF089817.D

Acq: 20 Aug 2016 00:52

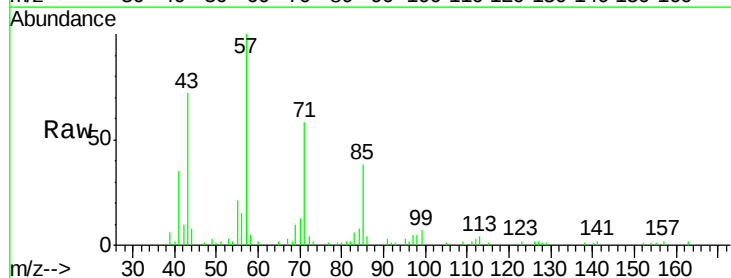
Tgt Ion:138 Resp: 287

Ion Ratio Lower Upper

138 100

108 0.0 8.1 12.1#

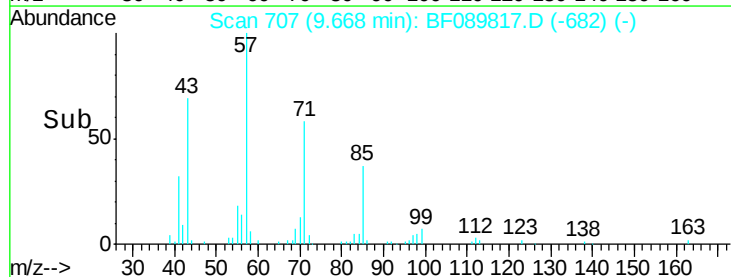
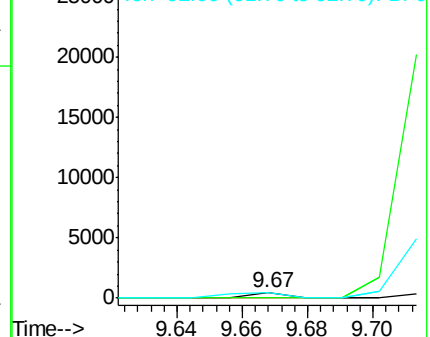
92 104.1 92.7 139.1

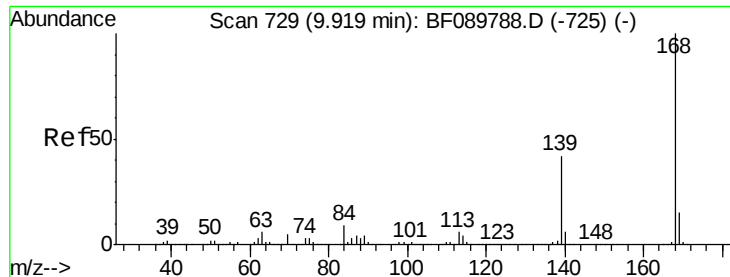


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

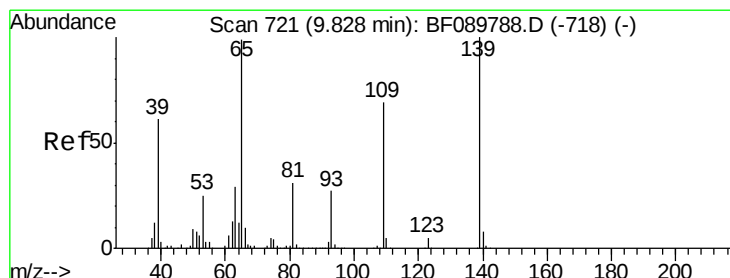
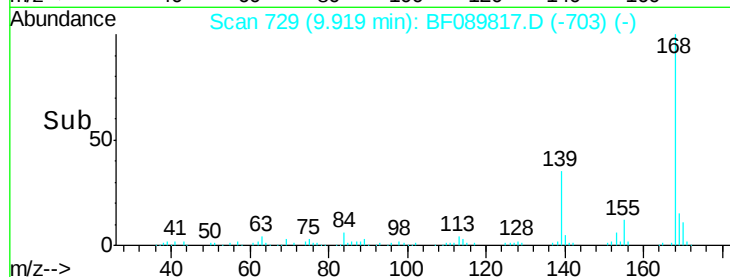
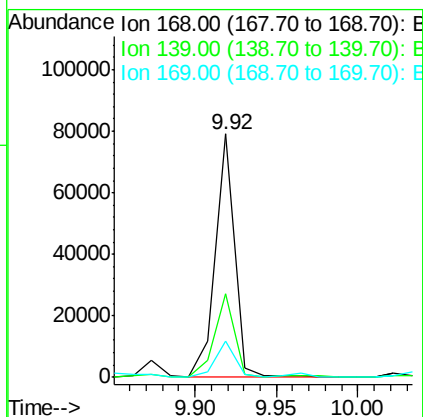
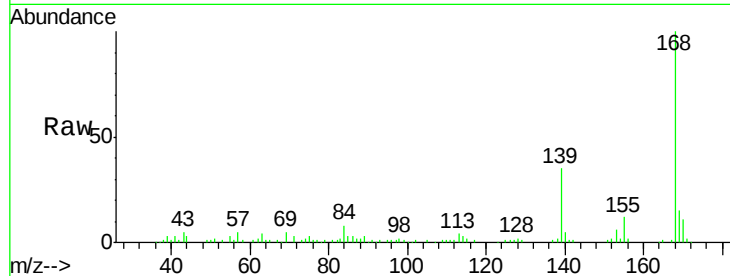




#54
Dibenzenofuran
Concen: 1.00 ng
RT: 9.92 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF089817.D
Acq: 20 Aug 2016 00:52

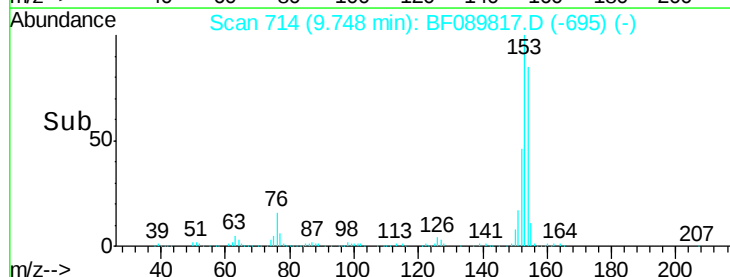
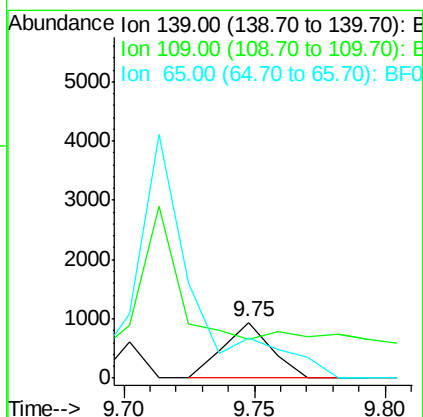
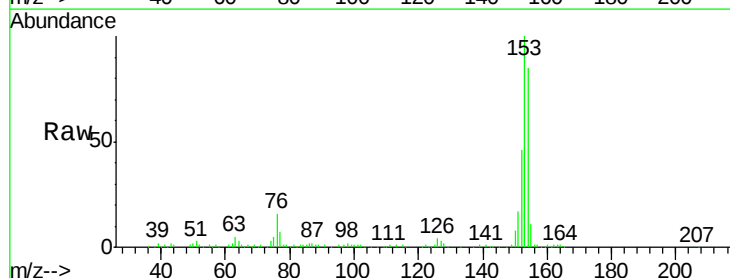
Instrument :
BNA_F
ClientSampleId :
B-2(0-5)

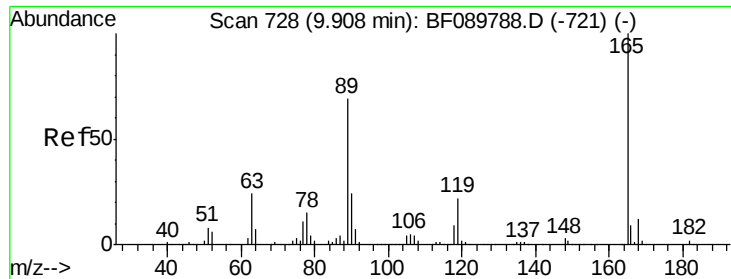
Tgt Ion:168 Resp: 65811
Ion Ratio Lower Upper
168 100
139 34.6 34.6 52.0#
169 14.7 11.5 17.3



#55
4-Nitrophenol
Concen: 0.10 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.08 min
Lab File: BF089817.D
Acq: 20 Aug 2016 00:52

Tgt Ion:139 Resp: 1209
Ion Ratio Lower Upper
139 100
109 69.6 43.0 83.0
65 71.9 55.7 95.7

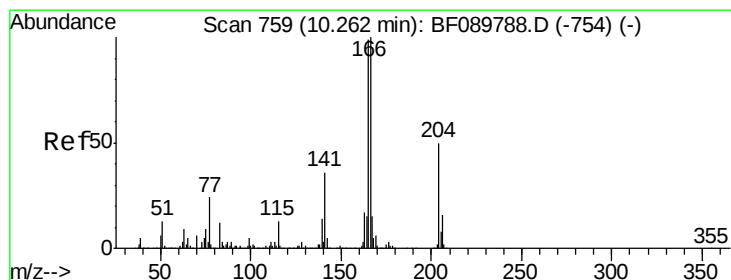
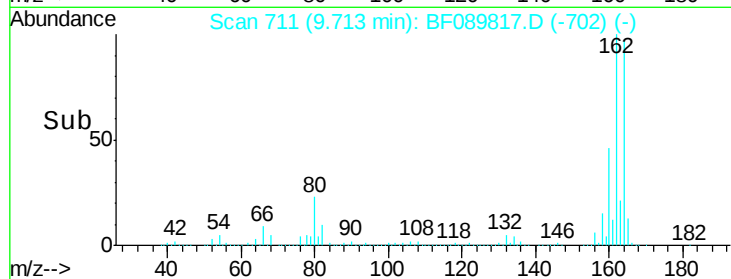
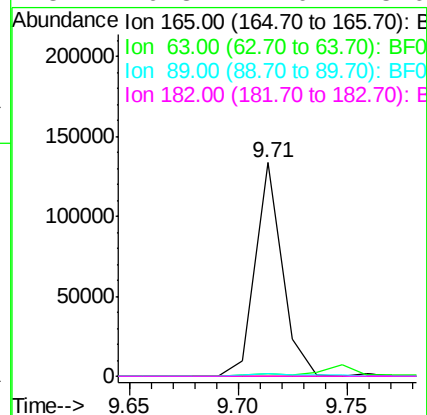
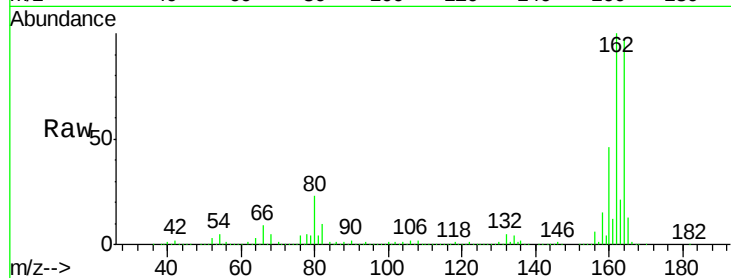




#56
2,4-Dinitrotoluene
Concen: 6.31 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.19 min
Lab File: BF089817.D
Acq: 20 Aug 2016 00:52

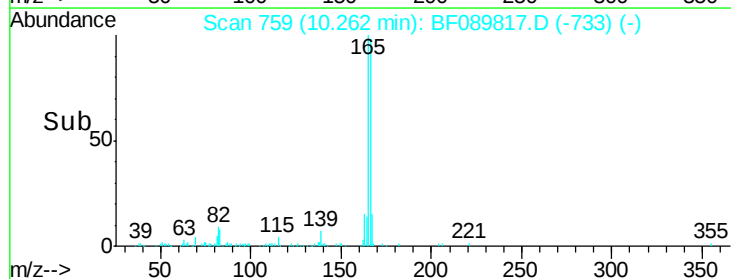
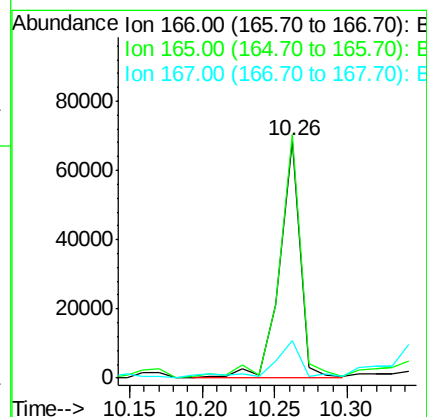
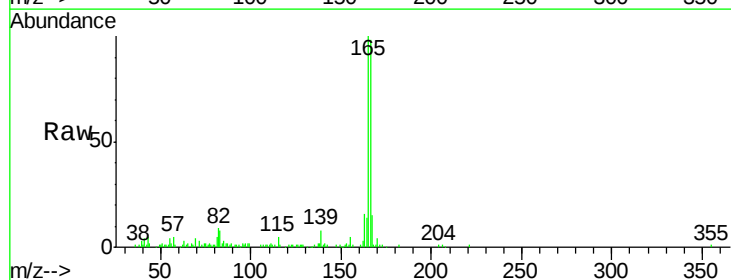
Instrument :
BNA_F
ClientSampleId :
B-2(0-5)

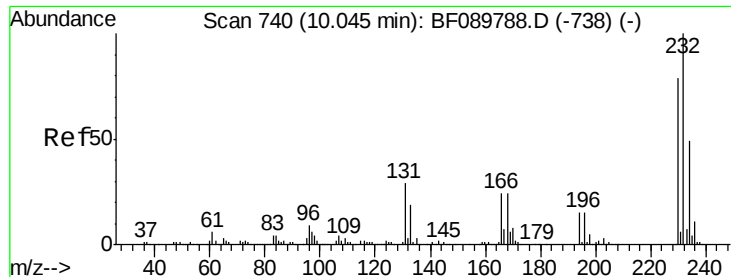
Tgt Ion:	165	Resp:	114780
Ion	Ratio	Lower	Upper
165	100		
63	1.1	23.7	35.5#
89	1.3	44.0	66.0#
182	0.3	2.0	3.0#



#57
Fluorene
Concen: 1.29 ng
RT: 10.26 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF089817.D
Acq: 20 Aug 2016 00:52

Tgt Ion:	166	Resp:	67675
Ion	Ratio	Lower	Upper
166	100		
165	102.5	80.2	120.4
167	15.6	11.3	16.9

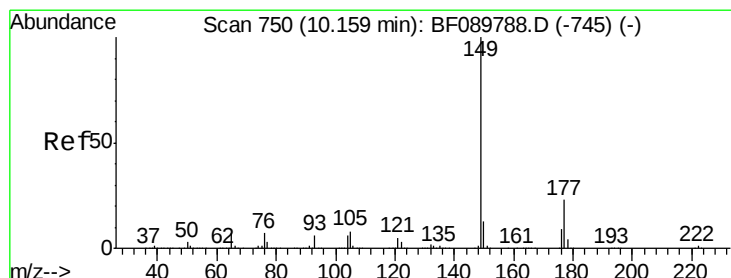
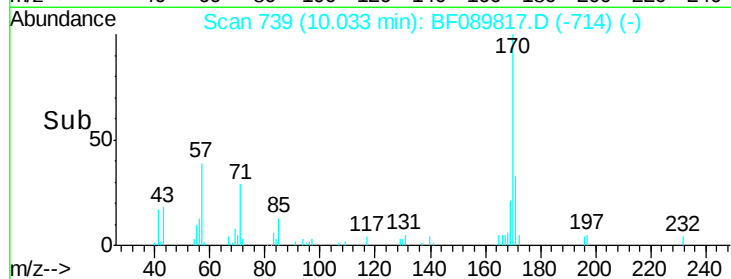
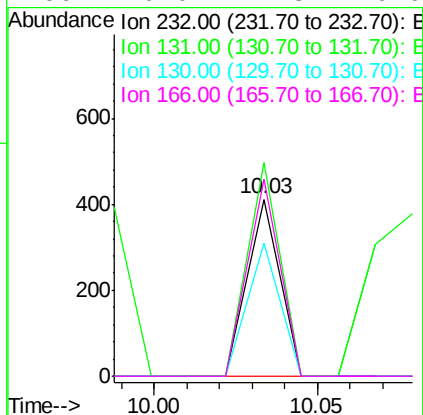
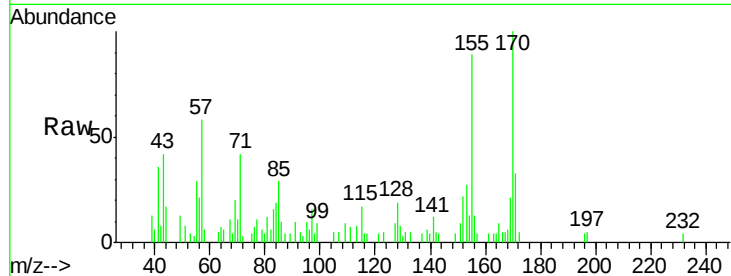




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 0.02 ng
 RT: 10.03 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF089817.D
 Acq: 20 Aug 2016 00:52

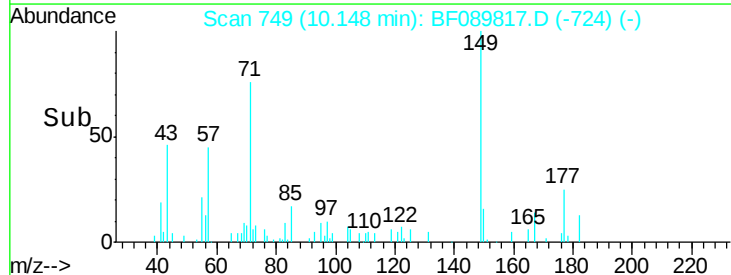
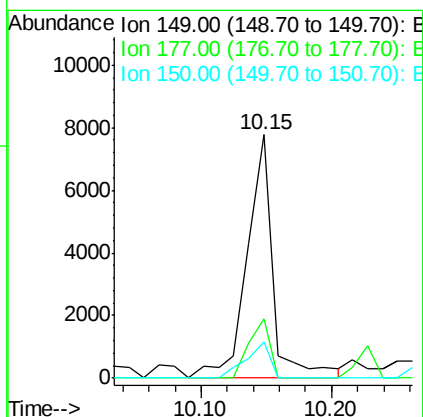
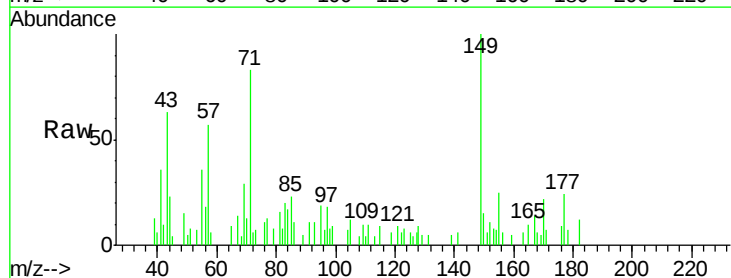
Instrument :
 BNA_F
 ClientSampleId :
 B-2(0-5)

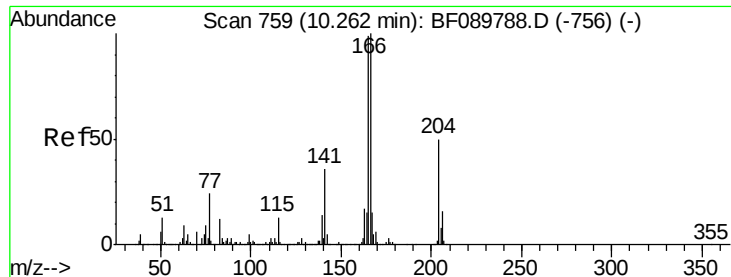
Tgt Ion: 232 Resp: 282
 Ion Ratio Lower Upper
 232 100
 131 120.9 42.5 63.7#
 130 75.5 2.2 3.4#
 166 0.0 27.3 40.9#



#59
 Diethylphthalate
 Concen: 0.17 ng
 RT: 10.15 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BF089817.D
 Acq: 20 Aug 2016 00:52

Tgt Ion: 149 Resp: 10777
 Ion Ratio Lower Upper
 149 100
 177 24.2 16.6 25.0
 150 15.1 10.5 15.7

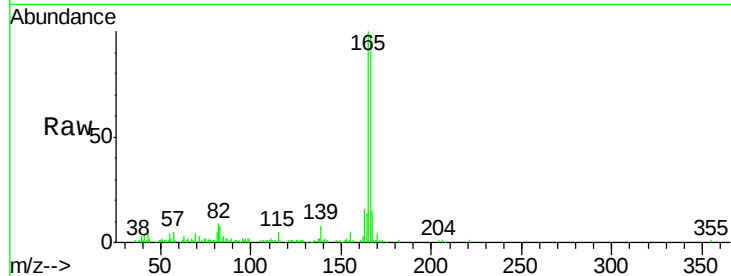




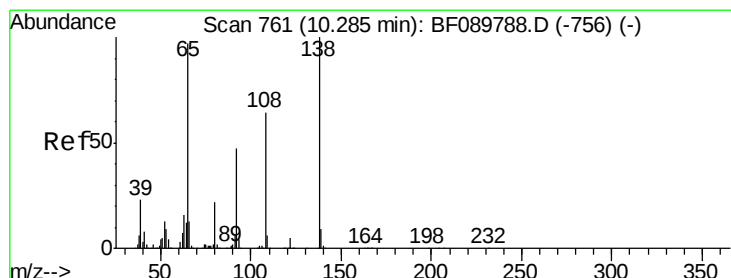
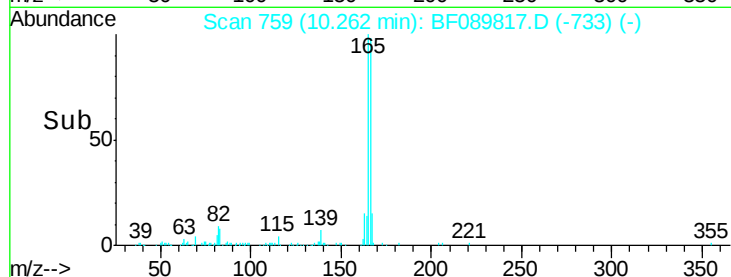
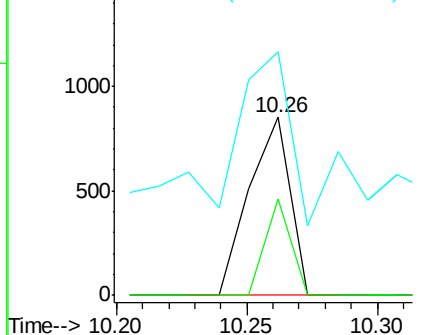
#60
 4-Chlorophenyl-phenylether
 Concen: 0.04 ng
 RT: 10.26 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: BF089817.D
 Acq: 20 Aug 2016 00:52

Instrument :
 BNA_F
 ClientSampleId :
 B-2(0-5)

Tgt Ion: 204 Resp: 933
 Ion Ratio Lower Upper
 204 100
 206 54.5 26.5 39.7#
 141 137.0 54.1 81.1#

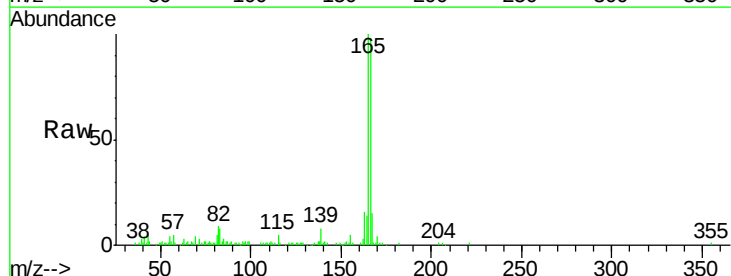


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

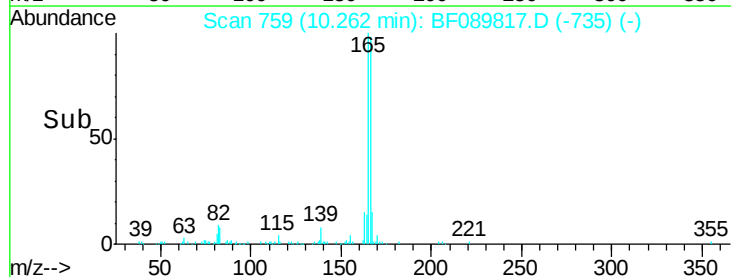
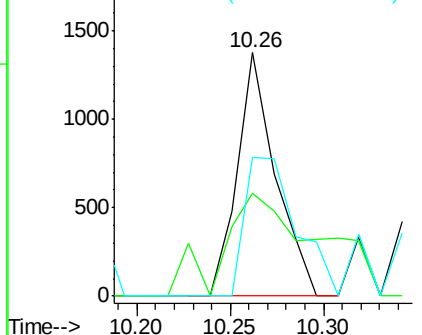


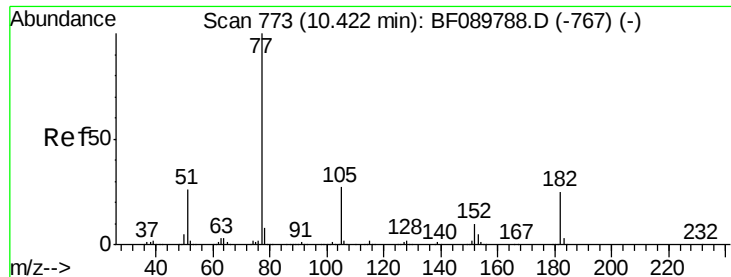
#61
 4-Nitroaniline
 Concen: 0.14 ng
 RT: 10.26 min Scan# 759
 Delta R.T. -0.02 min
 Lab File: BF089817.D
 Acq: 20 Aug 2016 00:52

Tgt Ion: 138 Resp: 1967
 Ion Ratio Lower Upper
 138 100
 92 42.3 26.4 66.4
 108 56.8 47.0 87.0



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: 0.06 ng

RT: 10.42 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF089817.D

Acq: 20 Aug 2016 00:52

Instrument :

BNA_F

ClientSampleId :

B-2(0-5)

Tgt Ion: 77 Resp: 3766

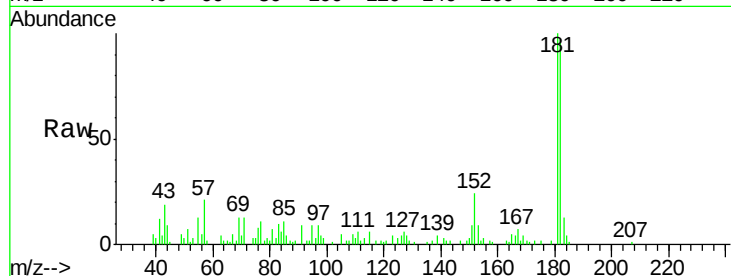
Ion Ratio Lower Upper

77 100

182 868.3 5.6 45.6#

105 48.8 4.0 44.0#

51 64.3 7.8 47.8#

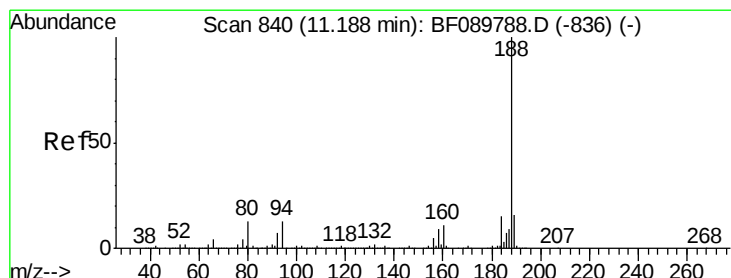
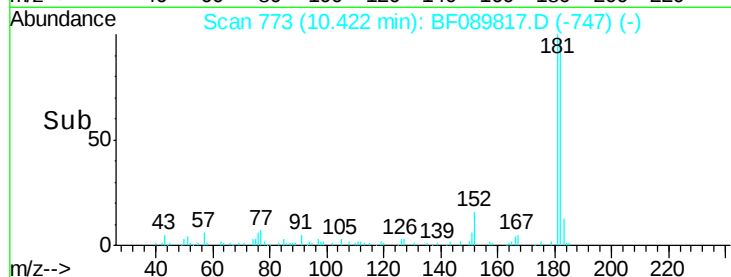
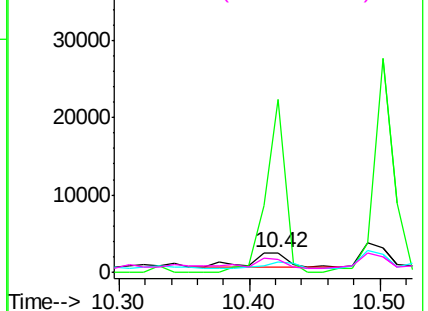


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.19 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF089817.D

Acq: 20 Aug 2016 00:52

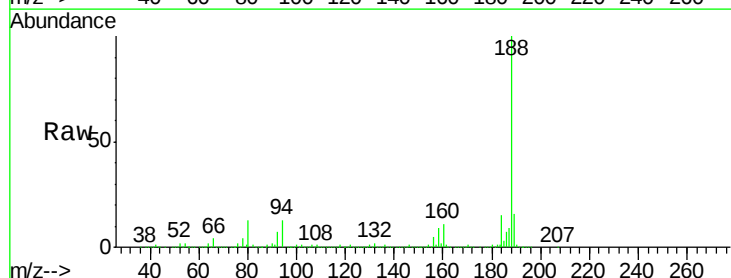
Tgt Ion: 188 Resp: 1324780

Ion Ratio Lower Upper

188 100

94 12.6 10.2 15.2

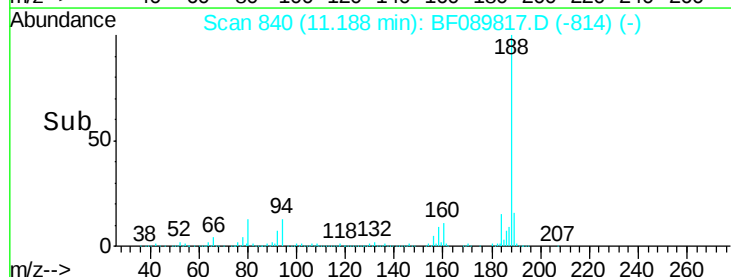
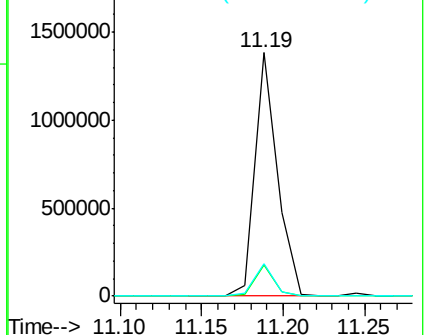
80 13.3 10.9 16.3

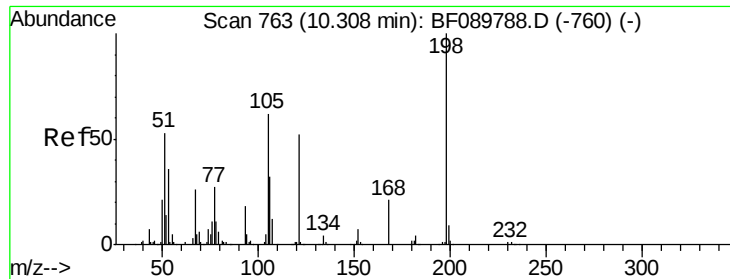


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

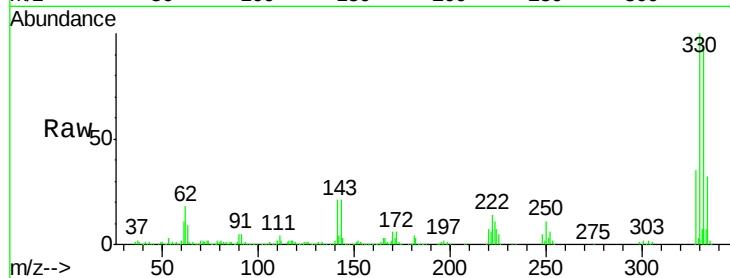




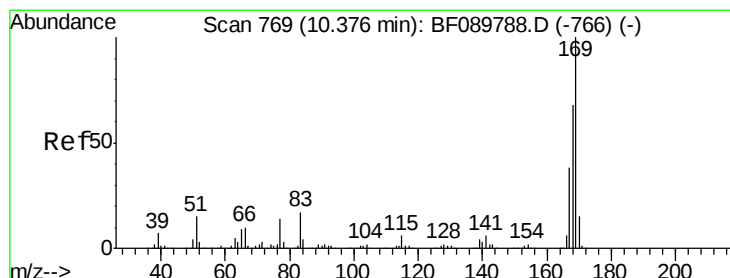
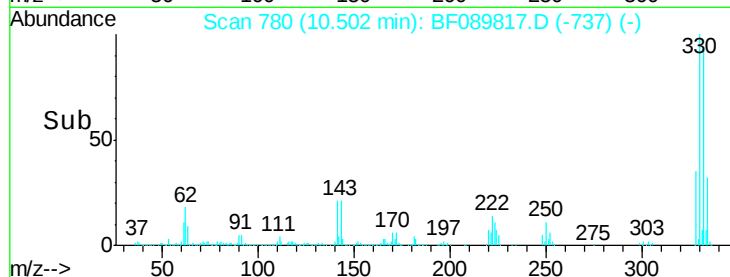
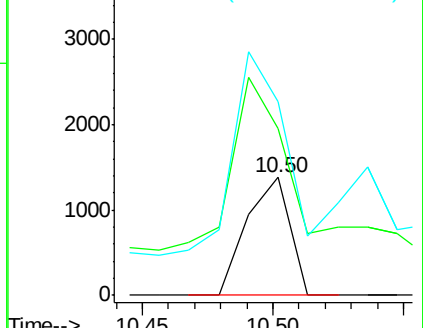
#64
4,6-Dinitro-2-methylphenol
Concen: 0.21 ng
RT: 10.50 min Scan# 780
Delta R.T. 0.20 min
Lab File: BF089817.D
Acq: 20 Aug 2016 00:52

Instrument :
BNA_F
ClientSampleId :
B-2(0-5)

Tgt Ion:198 Resp: 1595
Ion Ratio Lower Upper
198 100
51 142.3 32.3 72.3#
105 165.2 32.9 72.9#

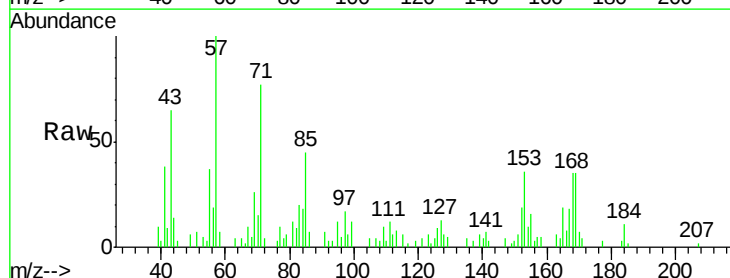


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

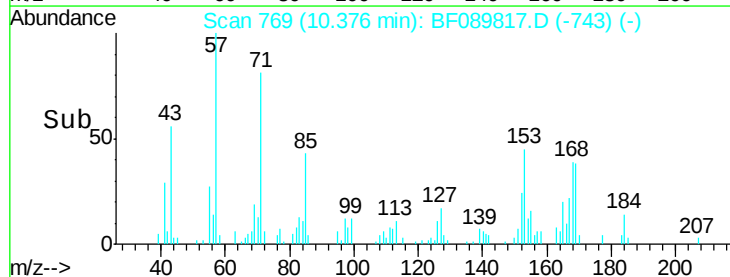
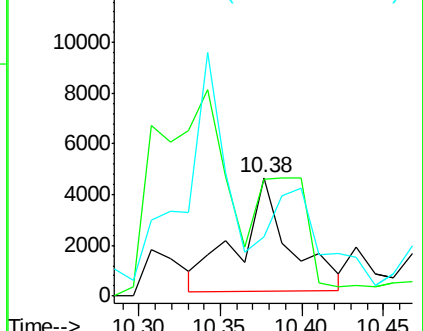


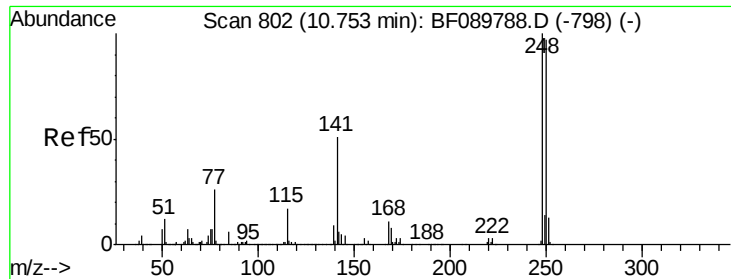
#65
n-Nitrosodiphenylamine
Concen: 0.24 ng
RT: 10.38 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF089817.D
Acq: 20 Aug 2016 00:52

Tgt Ion:169 Resp: 9802
Ion Ratio Lower Upper
169 100
168 98.6 54.6 82.0#
167 50.5 30.6 45.8#



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

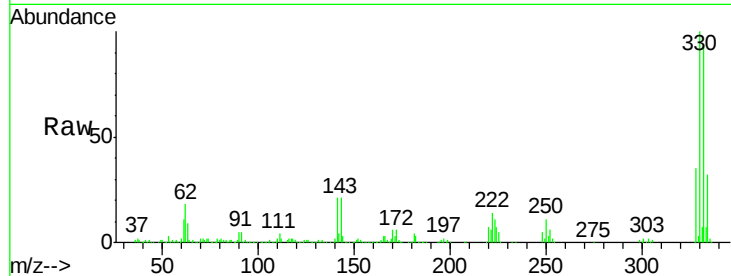




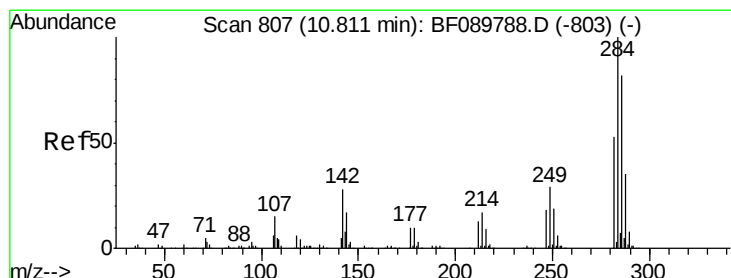
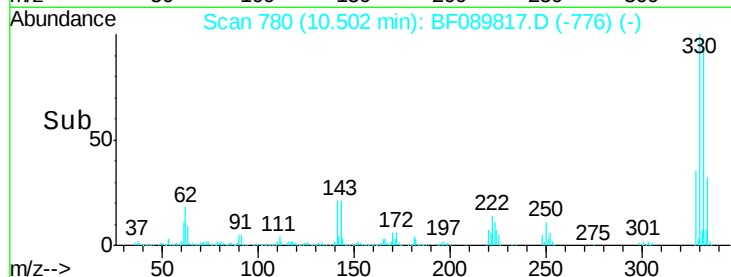
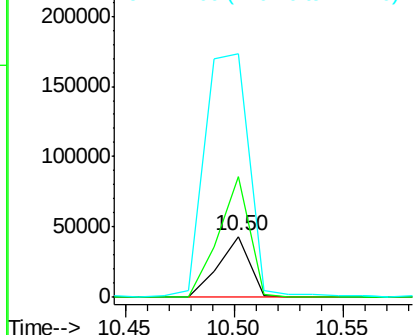
#66
4-Bromophenyl-phenylether
Concen: 3.11 ng
RT: 10.50 min Scan# 780
Delta R.T. -0.25 min
Lab File: BF089817.D
Acq: 20 Aug 2016 00:52

Instrument :
BNA_F
ClientSampleId :
B-2(0-5)

Tgt Ion:248 Resp: 43180
Ion Ratio Lower Upper
248 100
250 198.0 78.6 117.8#
141 400.4 31.4 47.2#

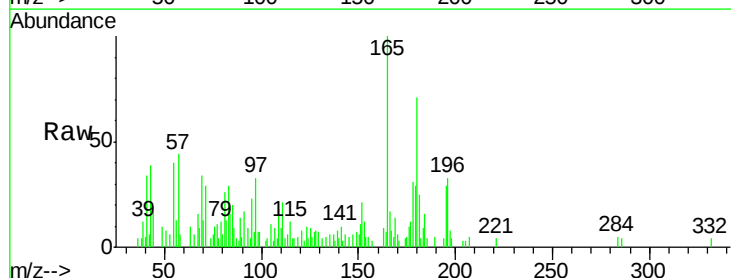


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

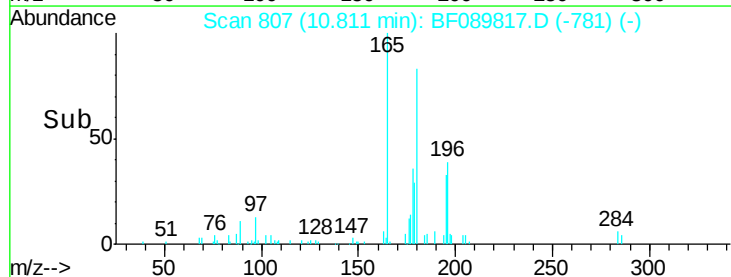
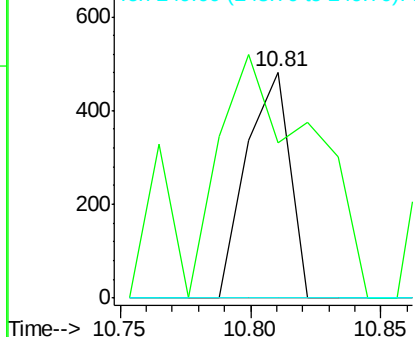


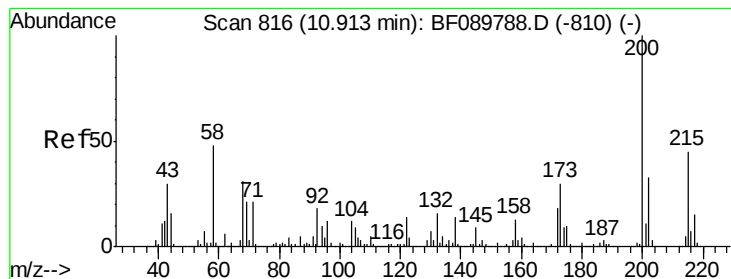
#67
Hexachlorobenzene
Concen: 0.04 ng
RT: 10.81 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF089817.D
Acq: 20 Aug 2016 00:52

Tgt Ion:284 Resp: 562
Ion Ratio Lower Upper
284 100
142 68.9 17.4 26.2#
249 0.0 22.8 34.2#



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





#68

Atrazine

Concen: 0.03 ng

RT: 10.90 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF089817.D

Acq: 20 Aug 2016 00:52

Instrument :

BNA_F

ClientSampleId :

B-2(0-5)

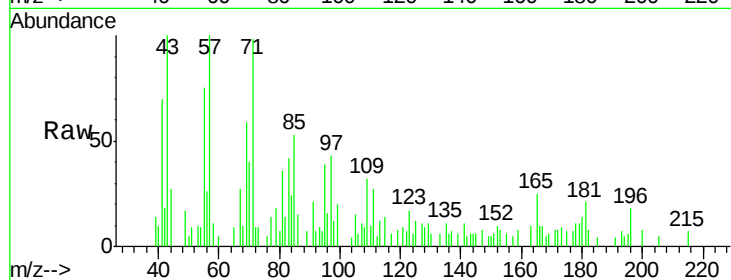
Tgt Ion:200 Resp: 387

Ion Ratio Lower Upper

200 100

173 103.7 6.6 46.6#

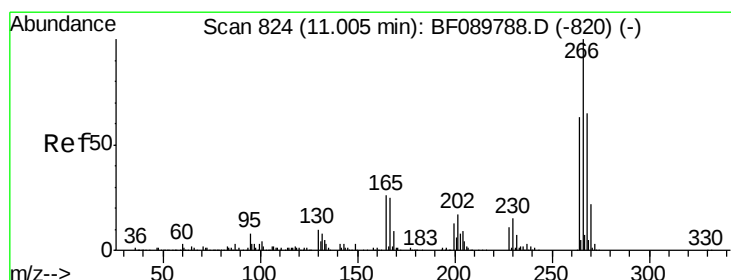
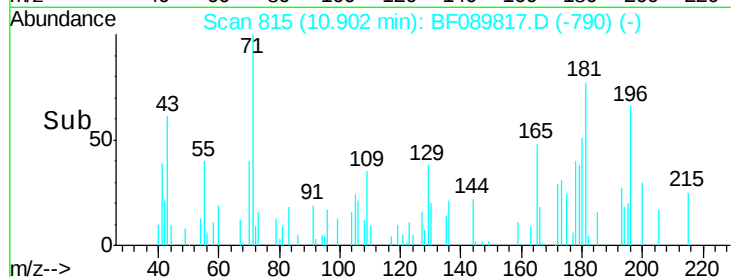
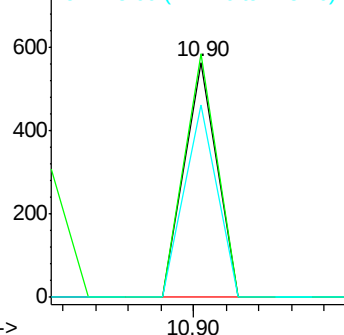
215 82.1 24.7 64.7#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 0.07 ng

RT: 11.00 min Scan# 824

Delta R.T. 0.00 min

Lab File: BF089817.D

Acq: 20 Aug 2016 00:52

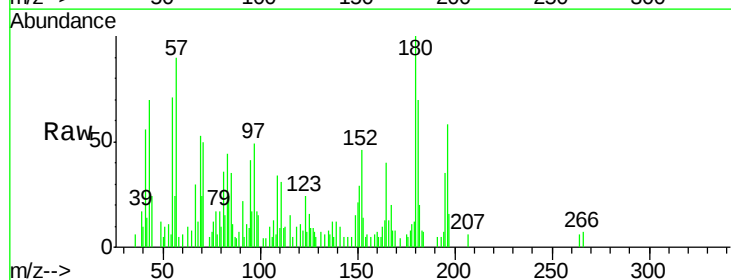
Tgt Ion:266 Resp: 643

Ion Ratio Lower Upper

266 100

268 0.0 53.2 79.8#

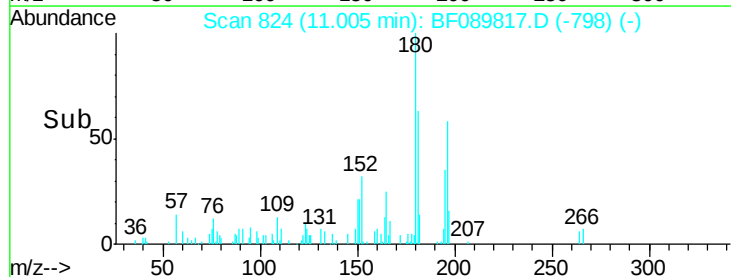
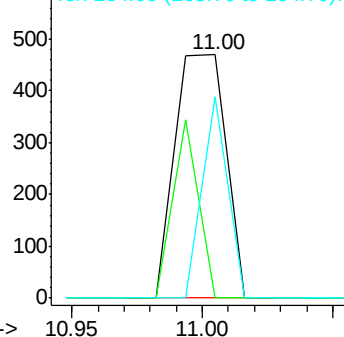
264 83.0 51.1 76.7#

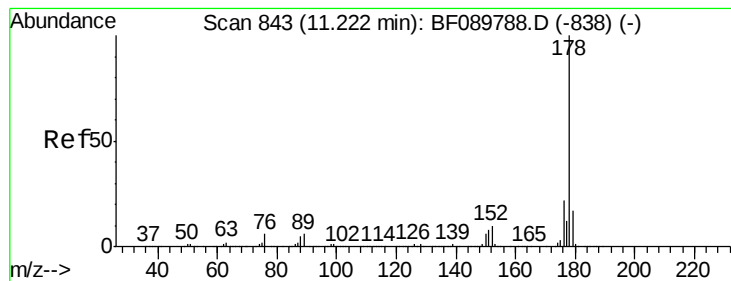


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 14.37 ng

RT: 11.21 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF089817.D

Acq: 20 Aug 2016 00:52

Instrument :

BNA_F

ClientSampleId :

B-2(0-5)

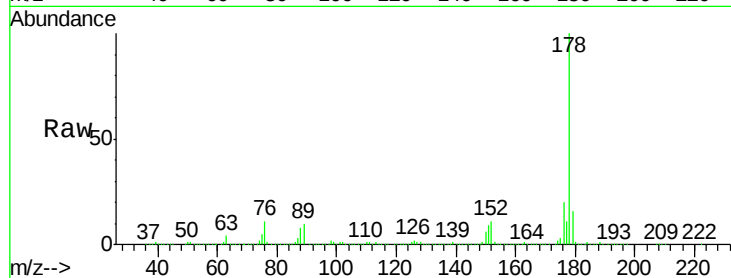
Tgt Ion:178 Resp: 961644

Ion Ratio Lower Upper

178 100

176 19.6 16.4 24.6

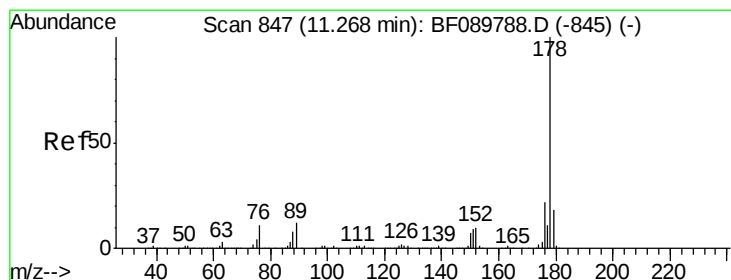
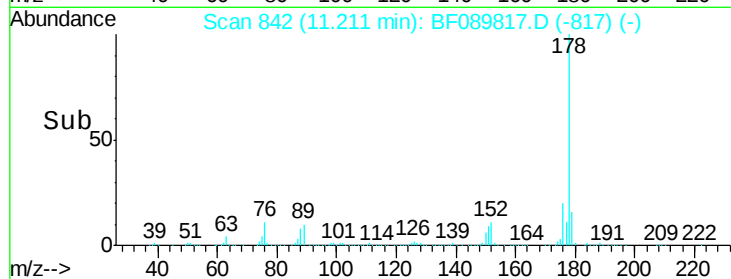
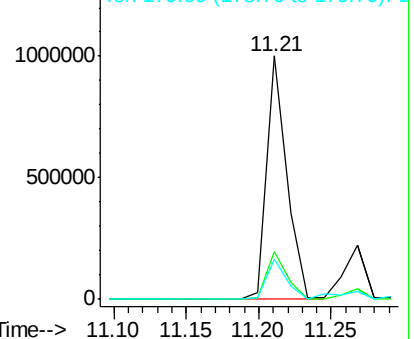
179 16.3 12.5 18.7



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: 3.32 ng

RT: 11.27 min Scan# 847

Delta R.T. 0.00 min

Lab File: BF089817.D

Acq: 20 Aug 2016 00:52

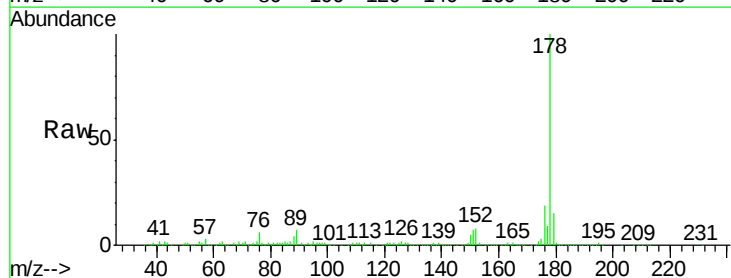
Tgt Ion:178 Resp: 225983

Ion Ratio Lower Upper

178 100

176 18.6 16.4 24.6

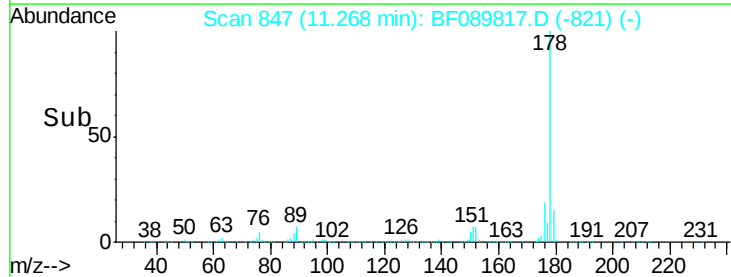
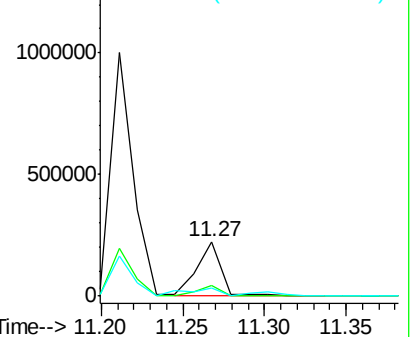
179 15.1 13.1 19.7

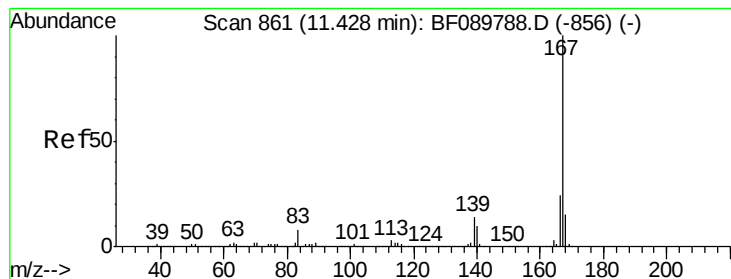


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 1.45 ng

RT: 11.42 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF089817.D

Acq: 20 Aug 2016 00:52

Instrument :

BNA_F

ClientSampleId :

B-2(0-5)

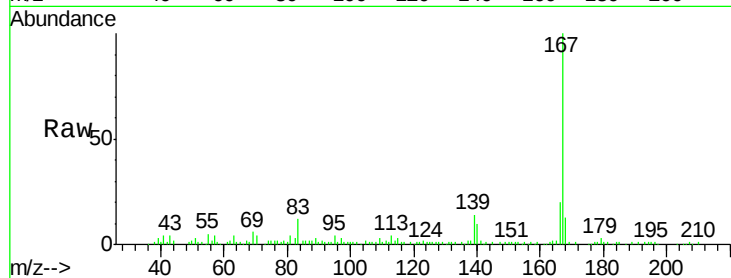
Tgt Ion:167 Resp: 88214

Ion Ratio Lower Upper

167 100

166 20.3 17.9 26.9

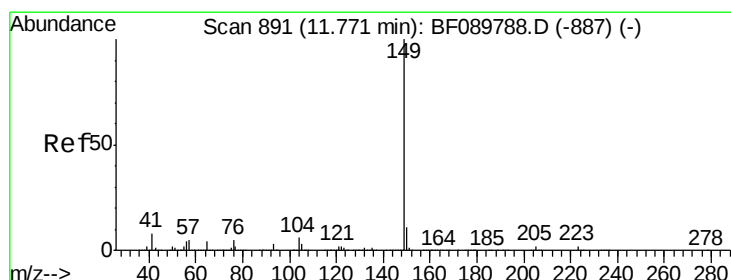
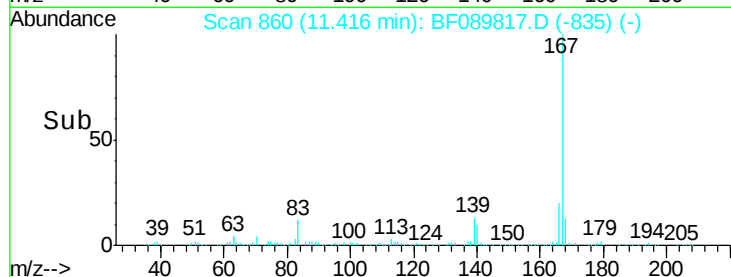
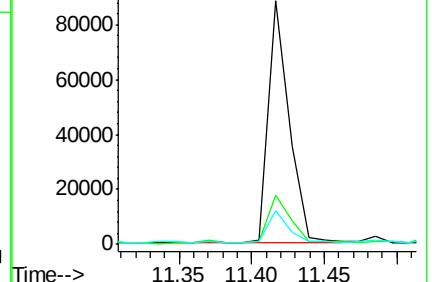
139 13.7 12.4 18.6



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 0.48 ng

RT: 11.77 min Scan# 891

Delta R.T. 0.00 min

Lab File: BF089817.D

Acq: 20 Aug 2016 00:52

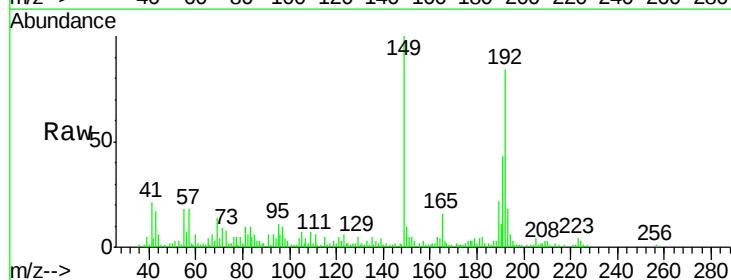
Tgt Ion:149 Resp: 36607

Ion Ratio Lower Upper

149 100

150 10.4 7.9 11.9

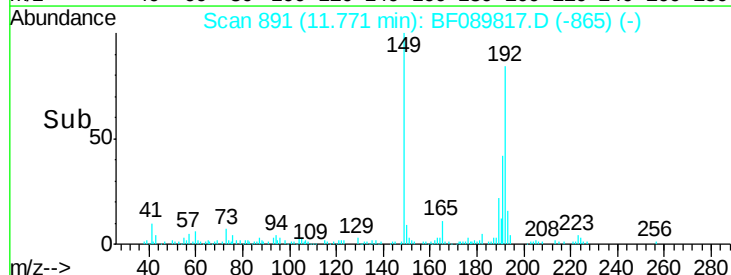
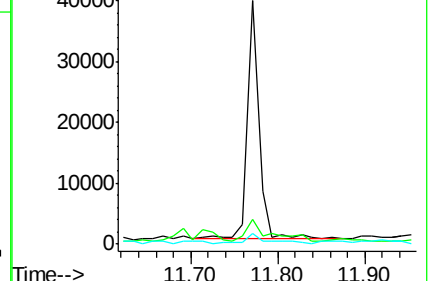
104 4.3 4.3 6.5#

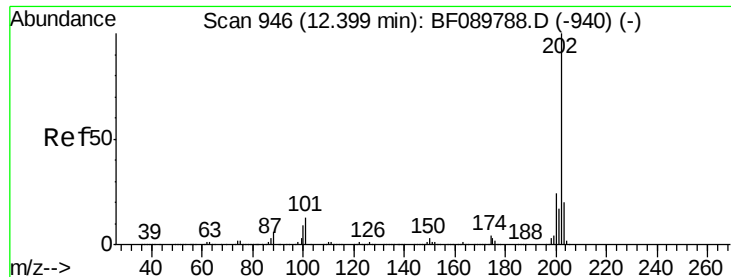


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 17.30 ng

RT: 12.40 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF089817.D

Acq: 20 Aug 2016 00:52

Instrument :

BNA_F

ClientSampleId :

B-2(0-5)

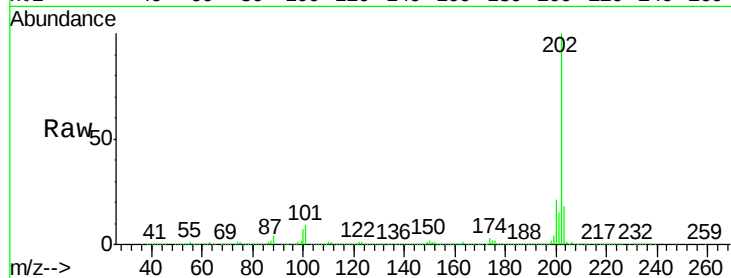
Tgt Ion:202 Resp: 1101172

Ion Ratio Lower Upper

202 100

101 9.2 0.0 31.2

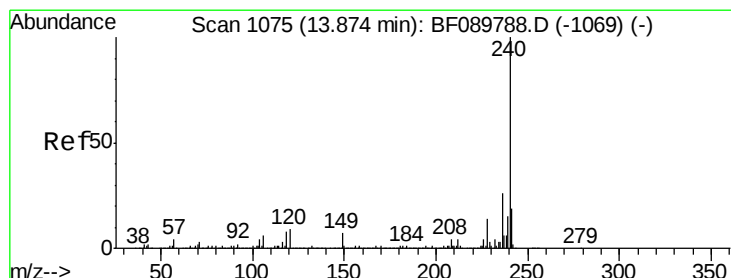
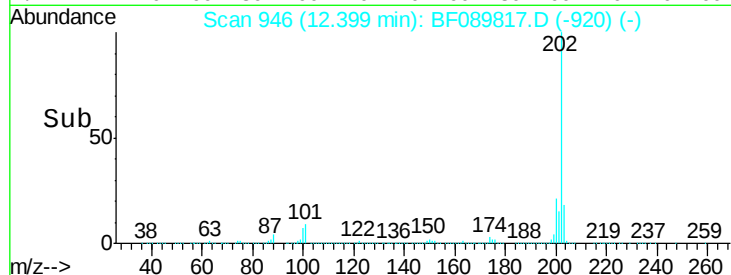
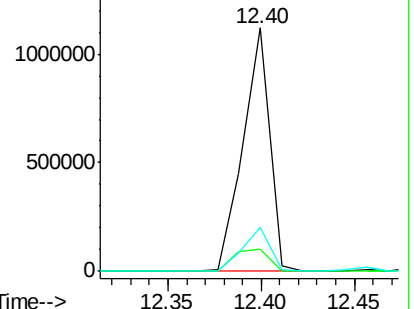
203 18.0 0.0 38.1



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: 13.86 min Scan# 1074

Delta R.T. -0.01 min

Lab File: BF089817.D

Acq: 20 Aug 2016 00:52

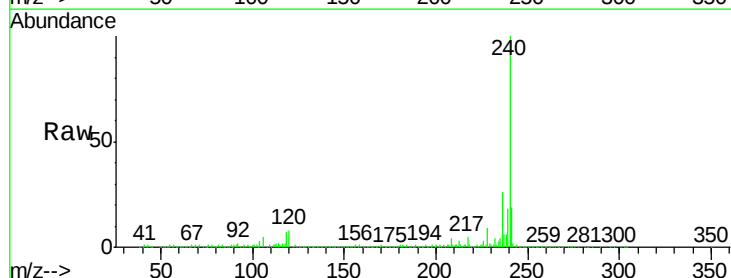
Tgt Ion:240 Resp: 1052508

Ion Ratio Lower Upper

240 100

120 7.9 8.3 12.5#

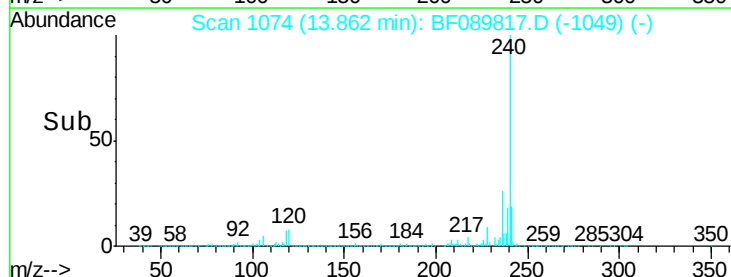
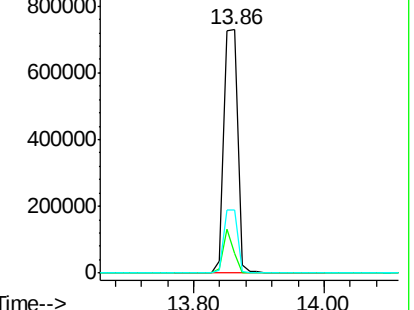
236 26.0 21.3 31.9

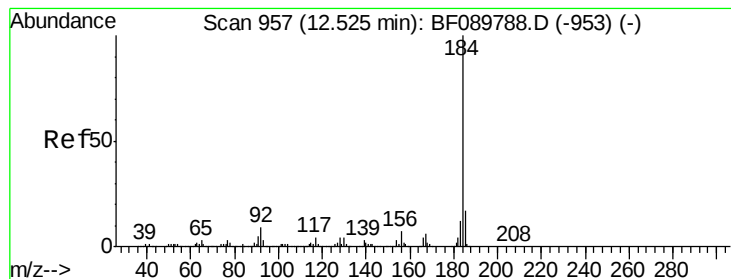


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 0.10 ng

RT: 12.53 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF089817.D

Acq: 20 Aug 2016 00:52

Instrument :

BNA_F

ClientSampled :

B-2(0-5)

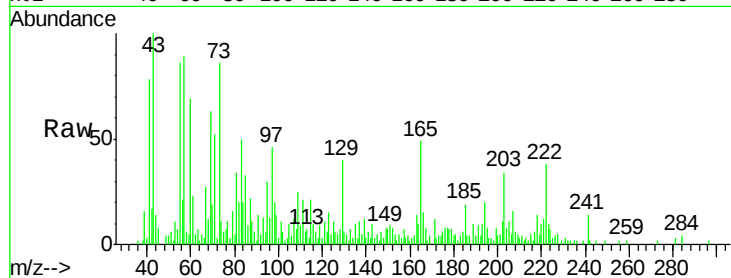
Tgt Ion:184 Resp: 3406

Ion Ratio Lower Upper

184 100

185 350.7 13.8 20.8#

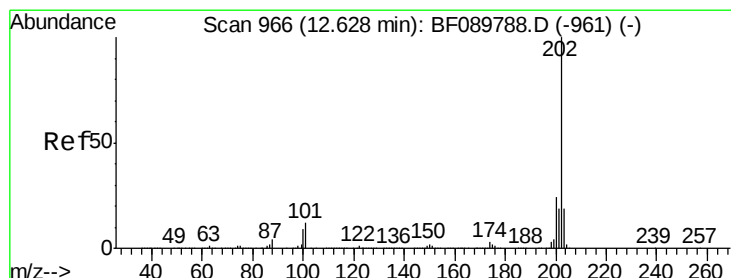
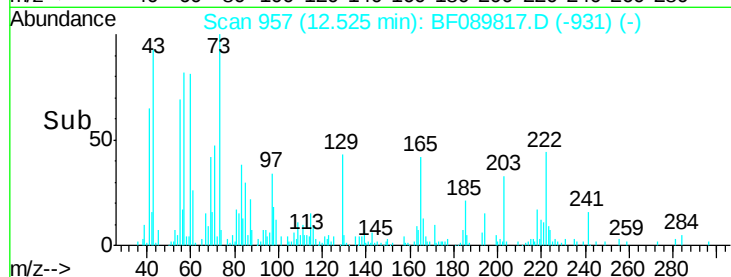
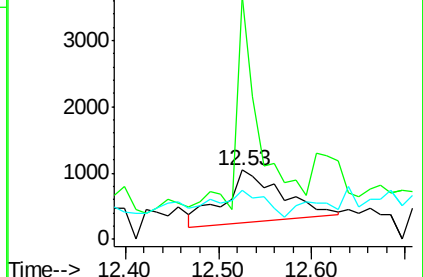
183 70.2 9.7 14.5#



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: 12.85 ng

RT: 12.40 min Scan# 946

Delta R.T. -0.23 min

Lab File: BF089817.D

Acq: 20 Aug 2016 00:52

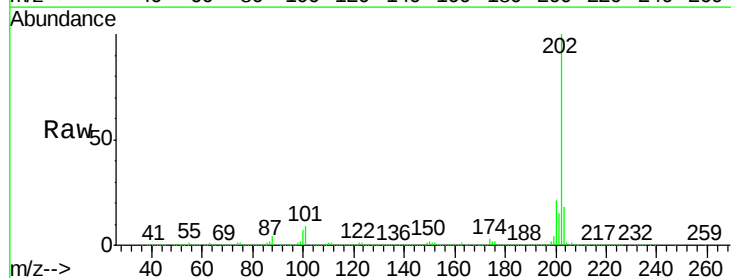
Tgt Ion:202 Resp: 1101172

Ion Ratio Lower Upper

202 100

200 21.2 17.8 26.6

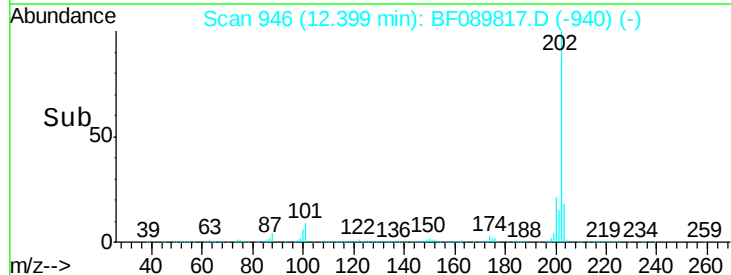
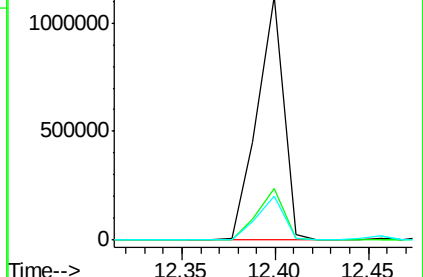
203 18.0 14.2 21.4

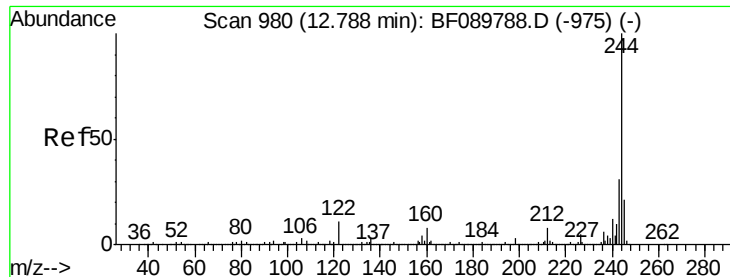


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 50.49 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF089817.D

Acq: 20 Aug 2016 00:52

Instrument :

BNA_F

ClientSampleId :

B-2(0-5)

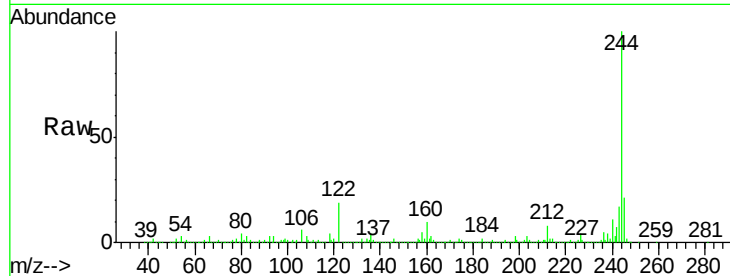
Tgt Ion:244 Resp: 2349185

Ion Ratio Lower Upper

244 100

212 8.0 6.3 9.5

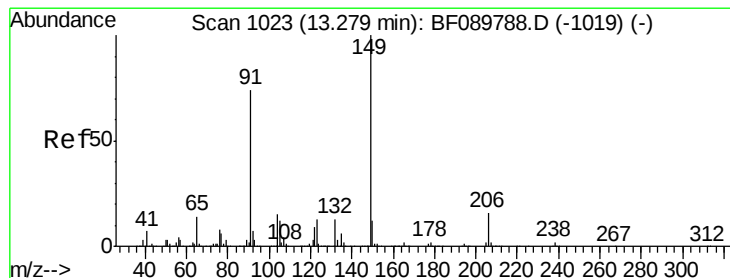
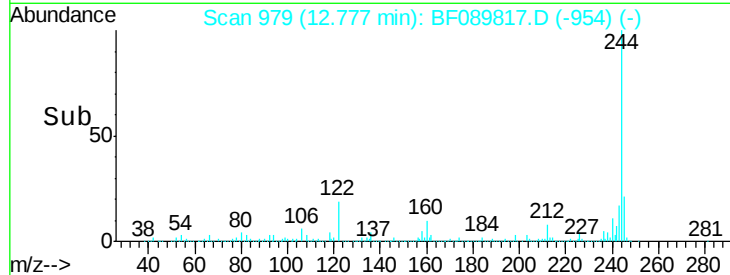
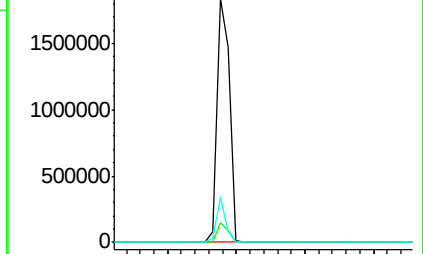
122 18.8 12.0 18.0#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 0.20 ng

RT: 13.28 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF089817.D

Acq: 20 Aug 2016 00:52

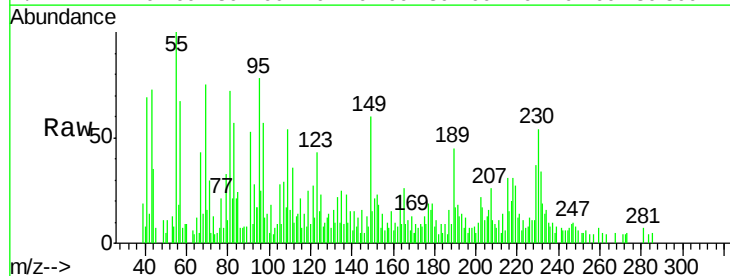
Tgt Ion:149 Resp: 7889

Ion Ratio Lower Upper

149 100

91 88.0 50.7 76.1#

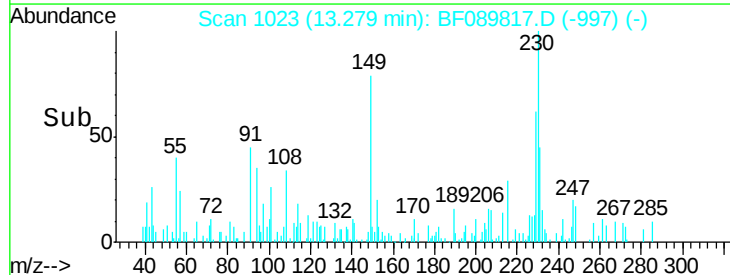
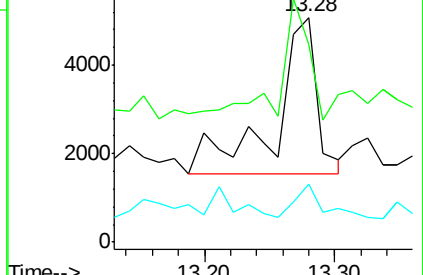
206 26.0 15.5 23.3#

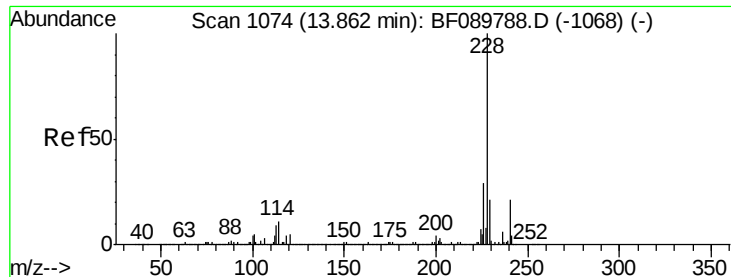


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 8.19 ng

RT: 13.85 min Scan# 1073

Delta R.T. -0.01 min

Lab File: BF089817.D

Acq: 20 Aug 2016 00:52

Instrument :

BNA_F

ClientSampleId :

B-2(0-5)

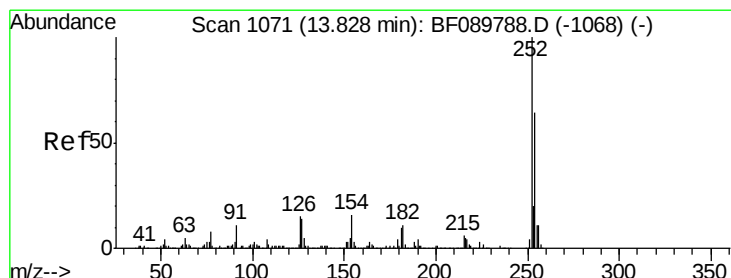
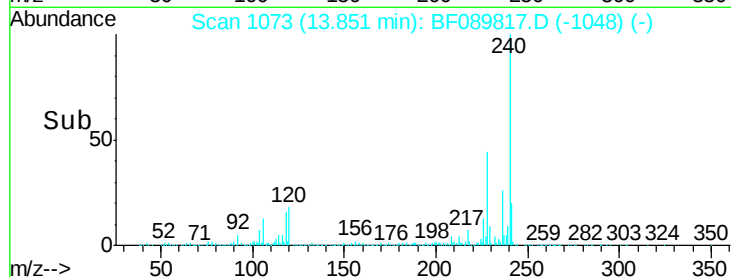
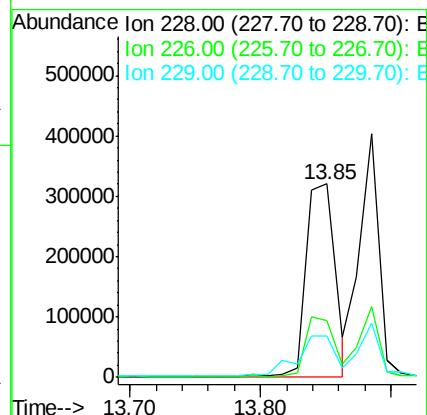
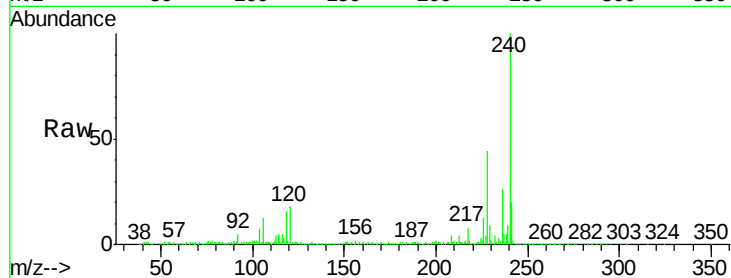
Tgt Ion:228 Resp: 493893

Ion Ratio Lower Upper

228 100

226 29.7 23.2 34.8

229 21.3 16.2 24.4



#81

3,3'-Dichlorobenzidine

Concen: 0.09 ng

RT: 13.82 min Scan# 1070

Delta R.T. -0.01 min

Lab File: BF089817.D

Acq: 20 Aug 2016 00:52

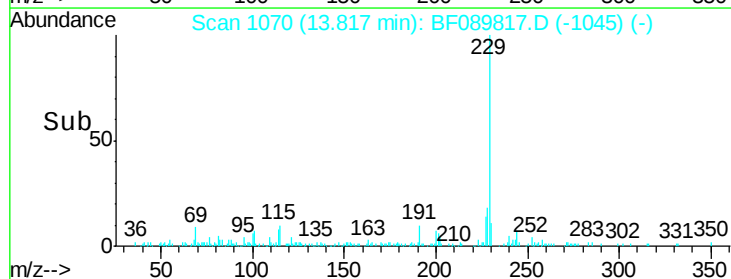
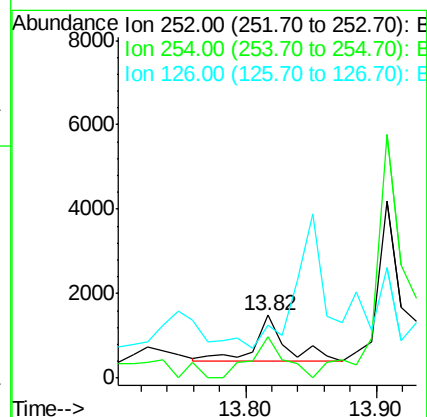
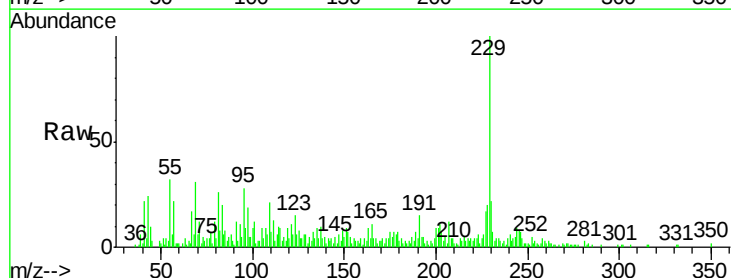
Tgt Ion:252 Resp: 1714

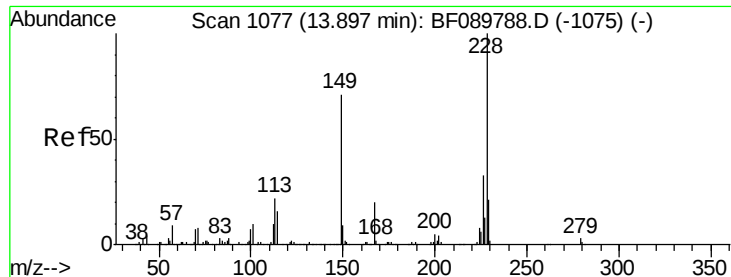
Ion Ratio Lower Upper

252 100

254 66.4 50.6 75.8

126 84.5 12.6 18.8#





#82

Chrysene

Concen: 8.01 ng

RT: 13.89 min Scan# 1076

Delta R.T. -0.01 min

Lab File: BF089817.D

Acq: 20 Aug 2016 00:52

Instrument :

BNA_F

ClientSampled :

B-2(0-5)

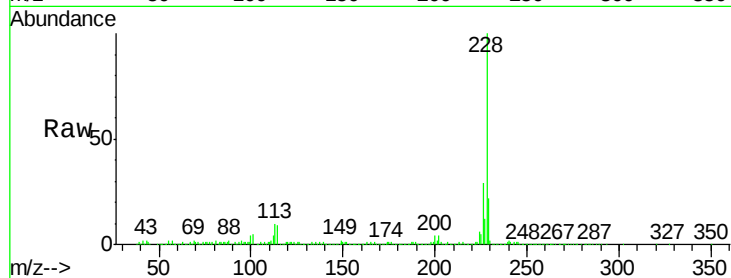
Tgt Ion:228 Resp: 413770

Ion Ratio Lower Upper

228 100

226 29.3 25.4 38.0

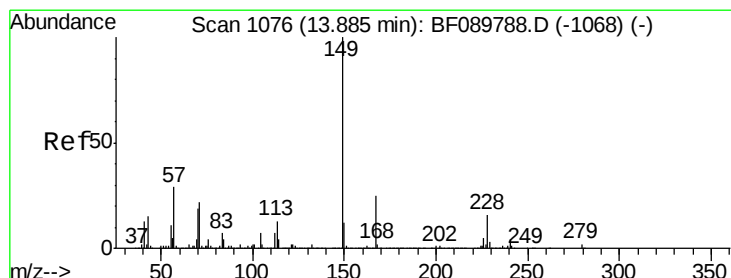
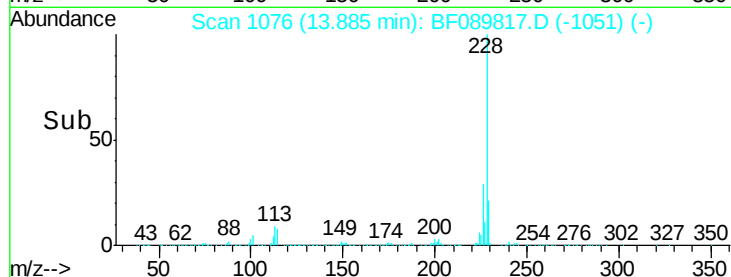
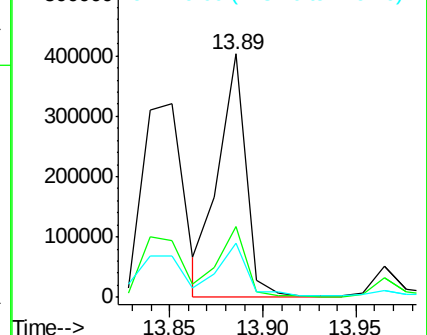
229 22.1 16.5 24.7



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: 0.39 ng

RT: 13.87 min Scan# 1075

Delta R.T. -0.01 min

Lab File: BF089817.D

Acq: 20 Aug 2016 00:52

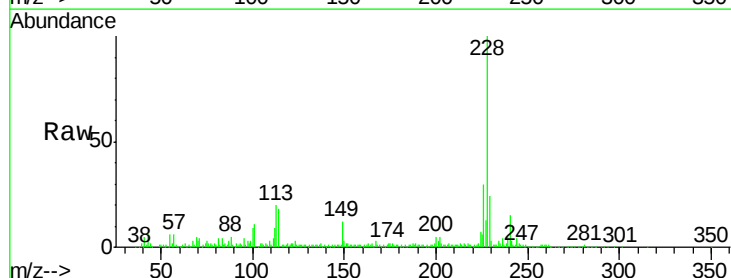
Tgt Ion:149 Resp: 20904

Ion Ratio Lower Upper

149 100

167 29.1 21.2 31.8

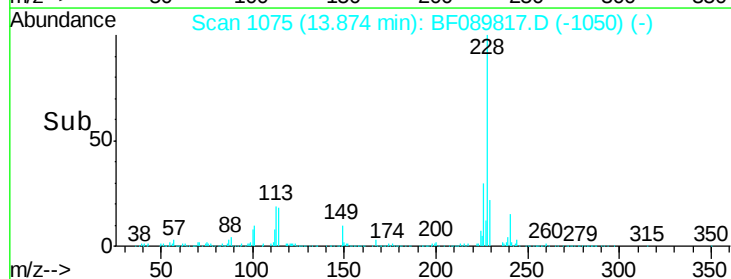
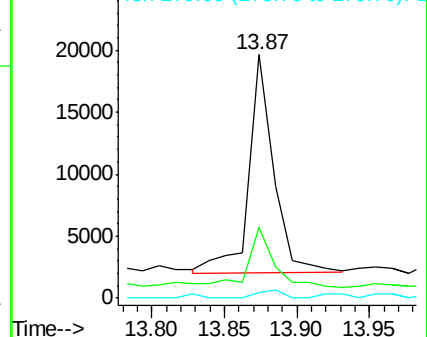
279 2.5 2.9 4.3#

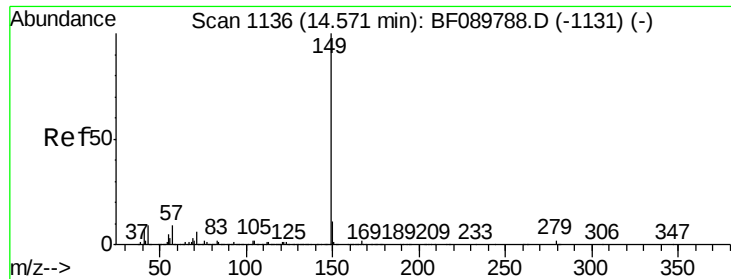


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 0.05 ng

RT: 14.55 min Scan# 1134

Delta R.T. -0.02 min

Lab File: BF089817.D

Acq: 20 Aug 2016 00:52

Instrument :

BNA_F

ClientSampleId :

B-2(0-5)

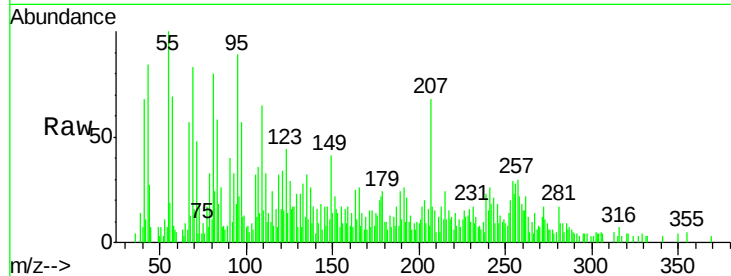
Tgt Ion:149 Resp: 3723

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

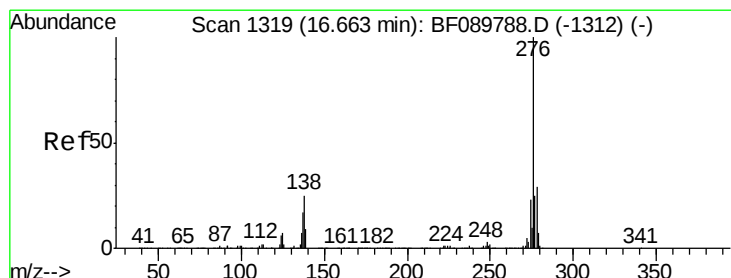
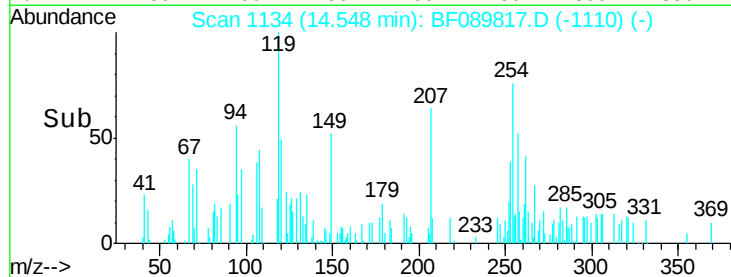
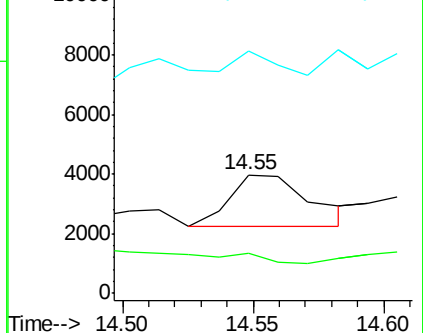
43 20.8 8.4 12.6#



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: 4.25 ng

RT: 16.63 min Scan# 1316

Delta R.T. -0.03 min

Lab File: BF089817.D

Acq: 20 Aug 2016 00:52

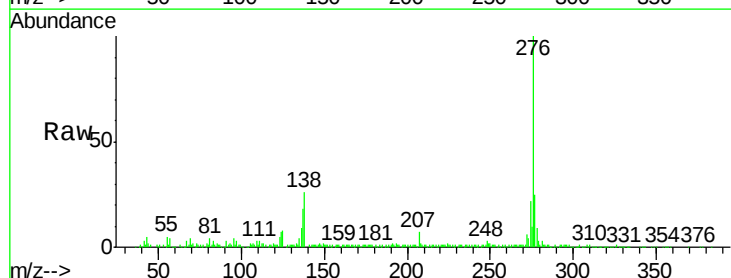
Tgt Ion:276 Resp: 280154

Ion Ratio Lower Upper

276 100

138 25.6 24.6 36.8

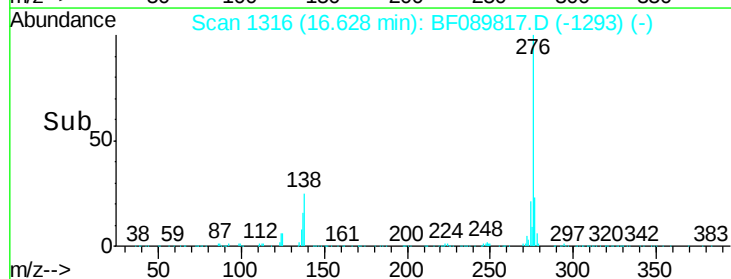
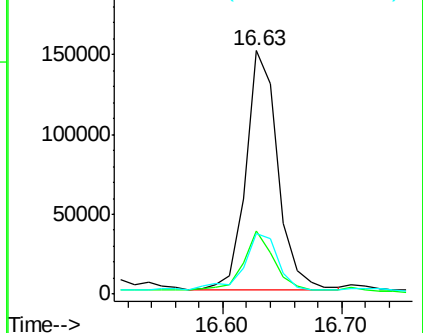
277 29.7 20.4 30.6

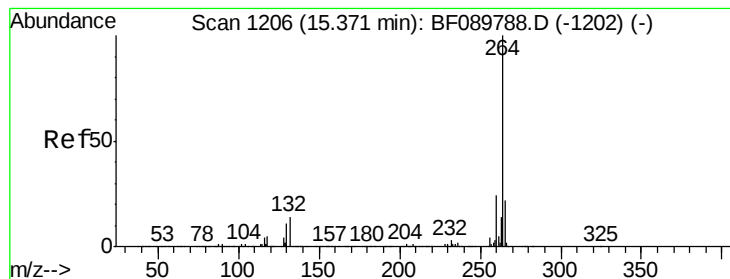


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.35 min Scan# 1204

Delta R.T. -0.02 min

Lab File: BF089817.D

Acq: 20 Aug 2016 00:52

Instrument :

BNA_F

ClientSampled :

B-2(0-5)

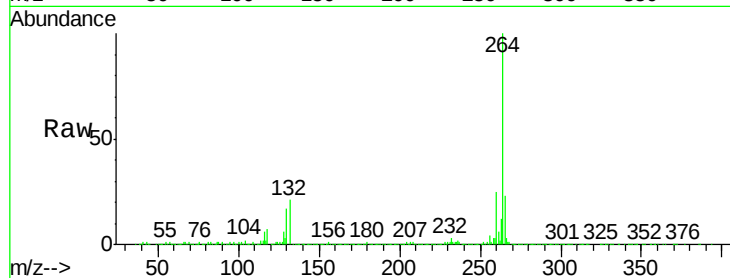
Tgt Ion:264 Resp: 1187530

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.2	30.2
265	22.6	17.4	26.2

264 100

260 24.6 20.2 30.2

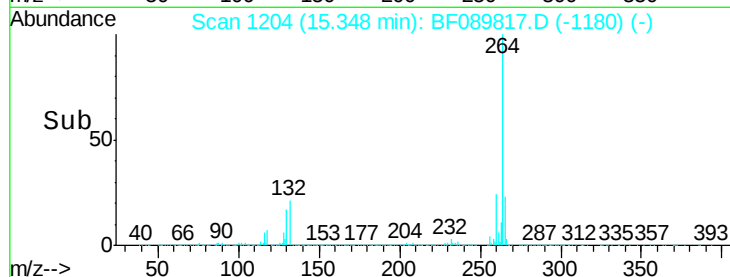
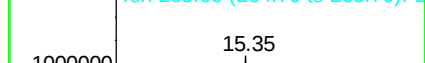
265 22.6 17.4 26.2



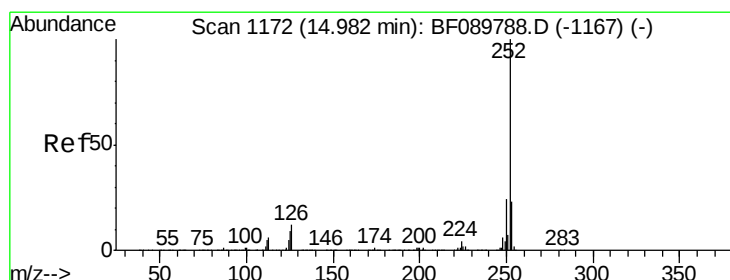
Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->



#87

Benzo(b)fluoranthene

Concen: 12.73 ng

RT: 14.96 min Scan# 1170

Delta R.T. -0.02 min

Lab File: BF089817.D

Acq: 20 Aug 2016 00:52

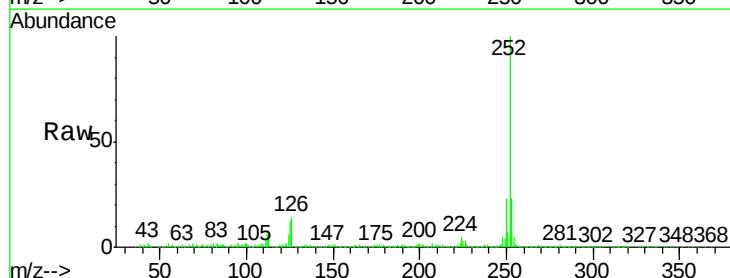
Tgt Ion:252 Resp: 831913

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	12.3	11.4	17.2

252 100

253 23.1 17.8 26.8

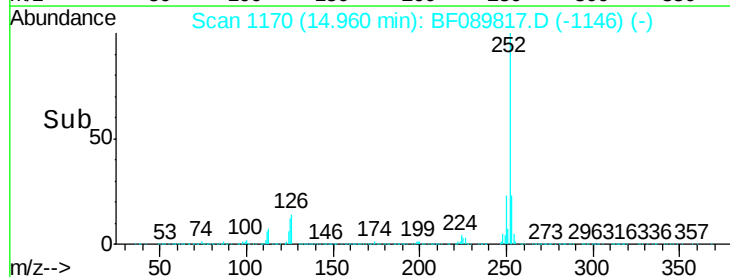
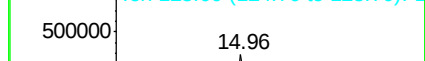
125 12.3 11.4 17.2



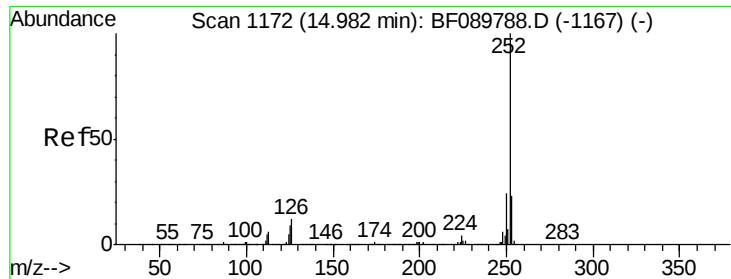
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#88

Benzo(k)fluoranthene

Concen: 14.04 ng

RT: 14.96 min Scan# 1170

Delta R.T. -0.05 min

Lab File: BF089817.D

Acq: 20 Aug 2016 00:52

Instrument :

BNA_F

ClientSampleId :

B-2(0-5)

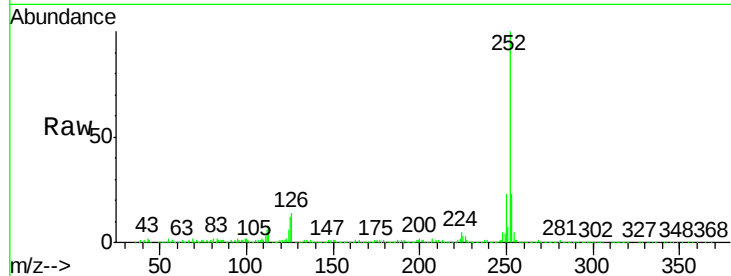
Tgt Ion:252 Resp: 831913

Ion Ratio Lower Upper

252 100

253 23.1 18.4 27.6

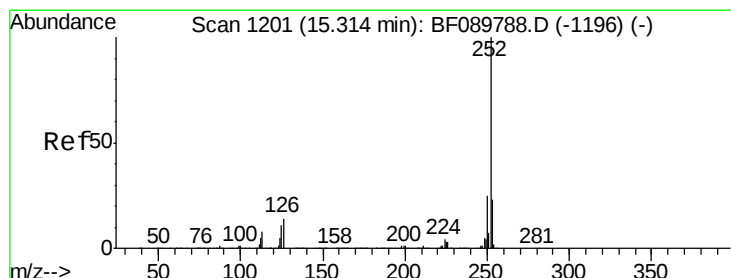
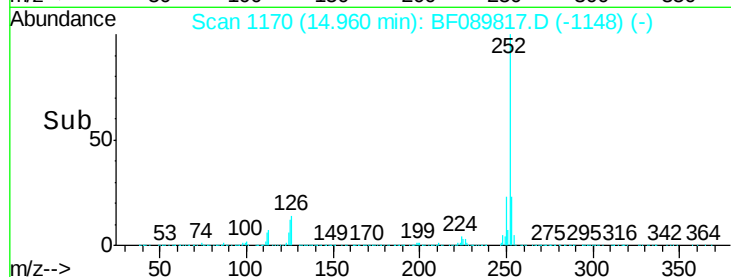
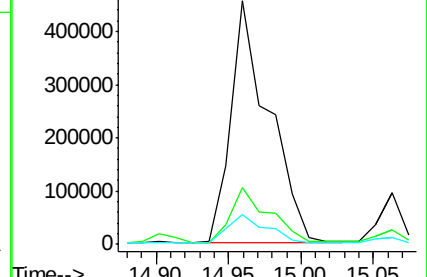
125 12.3 9.8 14.6



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: 7.98 ng

RT: 15.29 min Scan# 1199

Delta R.T. -0.02 min

Lab File: BF089817.D

Acq: 20 Aug 2016 00:52

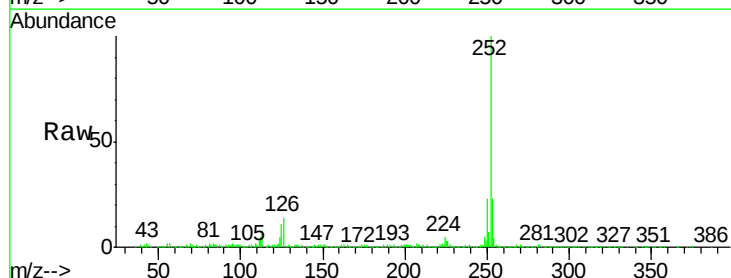
Tgt Ion:252 Resp: 493402

Ion Ratio Lower Upper

252 100

253 23.3 17.8 26.8

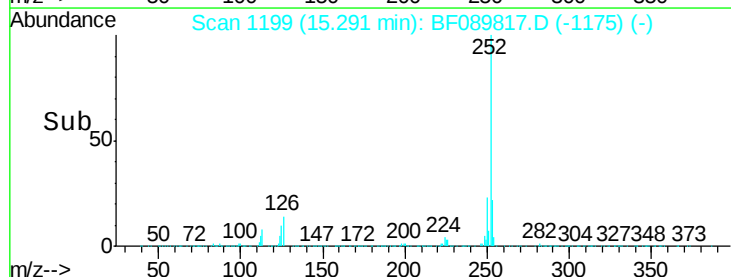
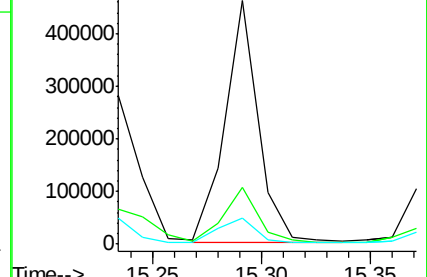
125 10.8 11.7 17.5#

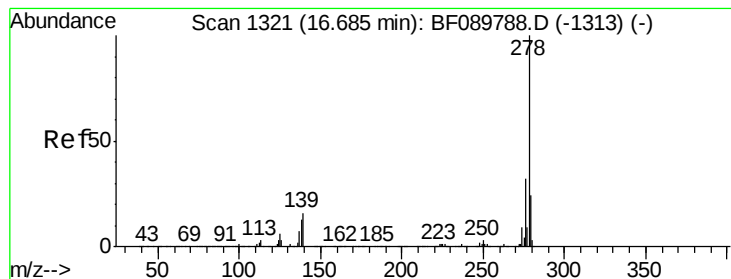


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 1.07 ng

RT: 16.65 min Scan# 1318

Delta R.T. -0.03 min

Lab File: BF089817.D

Acq: 20 Aug 2016 00:52

Instrument :

BNA_F

ClientSampleId :

B-2(0-5)

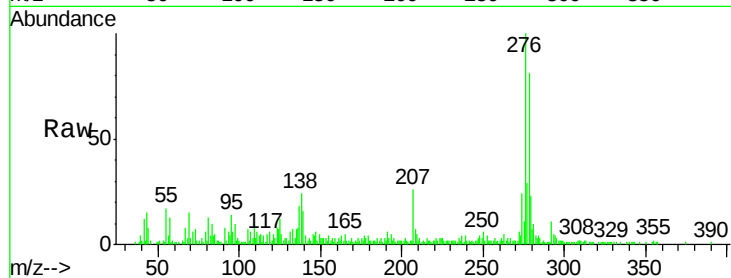
Tgt Ion:278 Resp: 71902

Ion Ratio Lower Upper

278 100

139 20.2 14.9 22.3

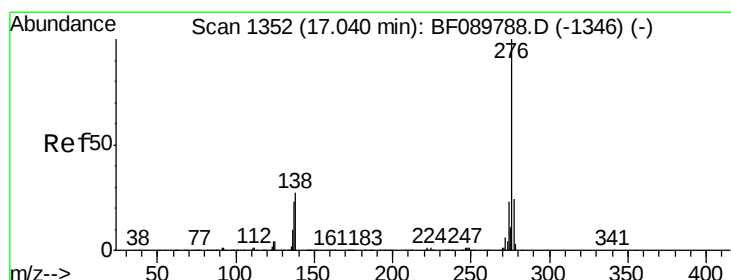
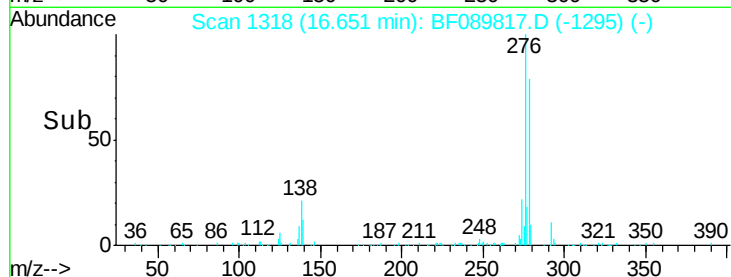
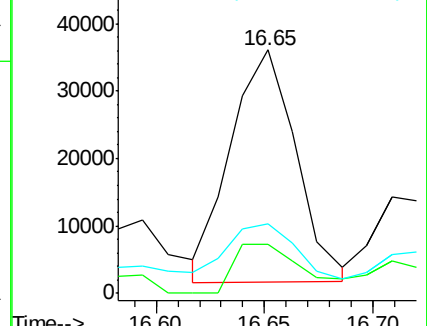
279 28.8 19.2 28.8#



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: 4.08 ng

RT: 17.02 min Scan# 1350

Delta R.T. -0.02 min

Lab File: BF089817.D

Acq: 20 Aug 2016 00:52

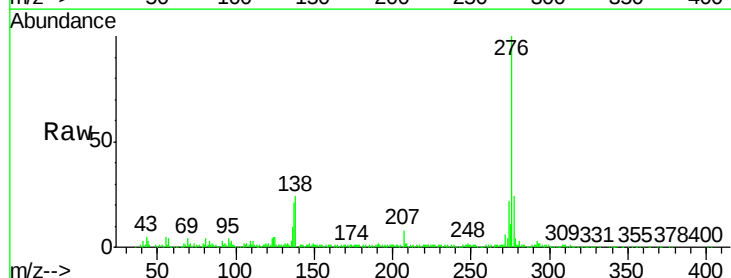
Tgt Ion:276 Resp: 288626

Ion Ratio Lower Upper

276 100

277 23.8 19.2 28.8

138 24.3 22.1 33.1



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

