

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081916\
 Data File : BF089805.D
 Acq On : 19 Aug 2016 19:34
 Operator : UM/SJ
 Sample : H4467-26 4X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-5

Quant Time: Aug 22 01:17:56 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	531620	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	1881573	20.00	ng	-0.01
38) Acenaphthene-d10	9.71	164	848682	20.00	ng	0.00
63) Phenanthrene-d10	11.19	188	1303521	20.00	ng	0.00
75) Chrysene-d12	13.85	240	942331	20.00	ng	-0.02
86) Perylene-d12	15.35	264	1054165	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.24	112	945406	30.50	ng	-0.01
7) Phenol-d6	6.31	99	1187871	31.22	ng	-0.01
23) Nitrobenzene-d5	7.24	82	731873	24.16	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	158664	19.67	ng	-0.01
44) 2-Fluorobiphenyl	9.04	172	1162007	24.06	ng	-0.01
78) Terphenyl-d14	12.78	244	698829	16.78	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.34	88	6121	0.40	ng	# 29
3) Pyridine	2.82	79	1055	0.03	ng	# 1
4) n-Nitrosodimethylamine	2.76	42	1718	0.11	ng	# 1
6) Aniline	6.32	93	735	0.01	ng	# 1
8) 2-Chlorophenol	6.46	128	564	0.02	ng	# 14
9) Benzaldehyde	6.22	77	17382	0.70	ng	88
10) Phenol	6.32	94	16827	0.38	ng	100
11) bis(2-Chloroethyl)ether	6.44	93	1449	0.04	ng	# 1
15) Benzyl Alcohol	6.82	79	108295	4.29	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.03	45	437	0.01	ng	# 6
17) 2-Methylphenol	6.82	107	53599	1.85	ng	# 12
18) Hexachloroethane	7.10	117	441	0.03	ng	# 2
19) n-Nitroso-di-n-propylamine	7.24	70	94897	3.90	ng	# 72
20) 3+4-Methylphenols	7.10	107	8180	0.23	ng	# 49
22) Acetophenone	7.10	105	1512	0.03	ng	# 33
24) Nitrobenzene	7.24	77	3178	0.09	ng	# 34
25) Isophorone	7.24	82	594246	9.73	ng	# 67
27) 2,4-Dimethylphenol	7.67	122	12306	0.40	ng	# 6
28) bis(2-Chloroethoxy)methane	7.72	93	223	0.01	ng	# 1
31) Naphthalene	7.99	128	4341	0.05	ng	97
32) Benzoic acid	7.67	122	12306	0.52	ng	96
33) 4-Chloroaniline	7.99	127	335	0.01	ng	# 2
36) 4-Chloro-3-methylphenol	8.49	107	1060	0.04	ng	# 16
37) 2-Methylnaphthalene	8.67	142	1097	0.02	ng	# 53
45) 1,1'-Biphenyl	9.14	154	938	0.01	ng	83
46) 2-Chloronaphthalene	9.23	162	1200	0.02	ng	90
47) 2-Nitroaniline	9.26	65	485	0.03	ng	# 77
48) Acenaphthylene	9.58	152	7925	0.10	ng	# 86
49) Dimethylphthalate	9.44	163	381899	6.39	ng	99
50) 2,6-Dinitrotoluene	9.44	165	4828	0.35	ng	# 12
51) Acenaphthene	9.78	154	242	0.00	ng	# 12
52) 3-Nitroaniline	9.67	138	1054	0.07	ng	# 28
54) Dibenzofuran	9.92	168	3967	0.06	ng	# 77
55) 4-Nitrophenol	9.83	139	1153	0.09	ng	# 1

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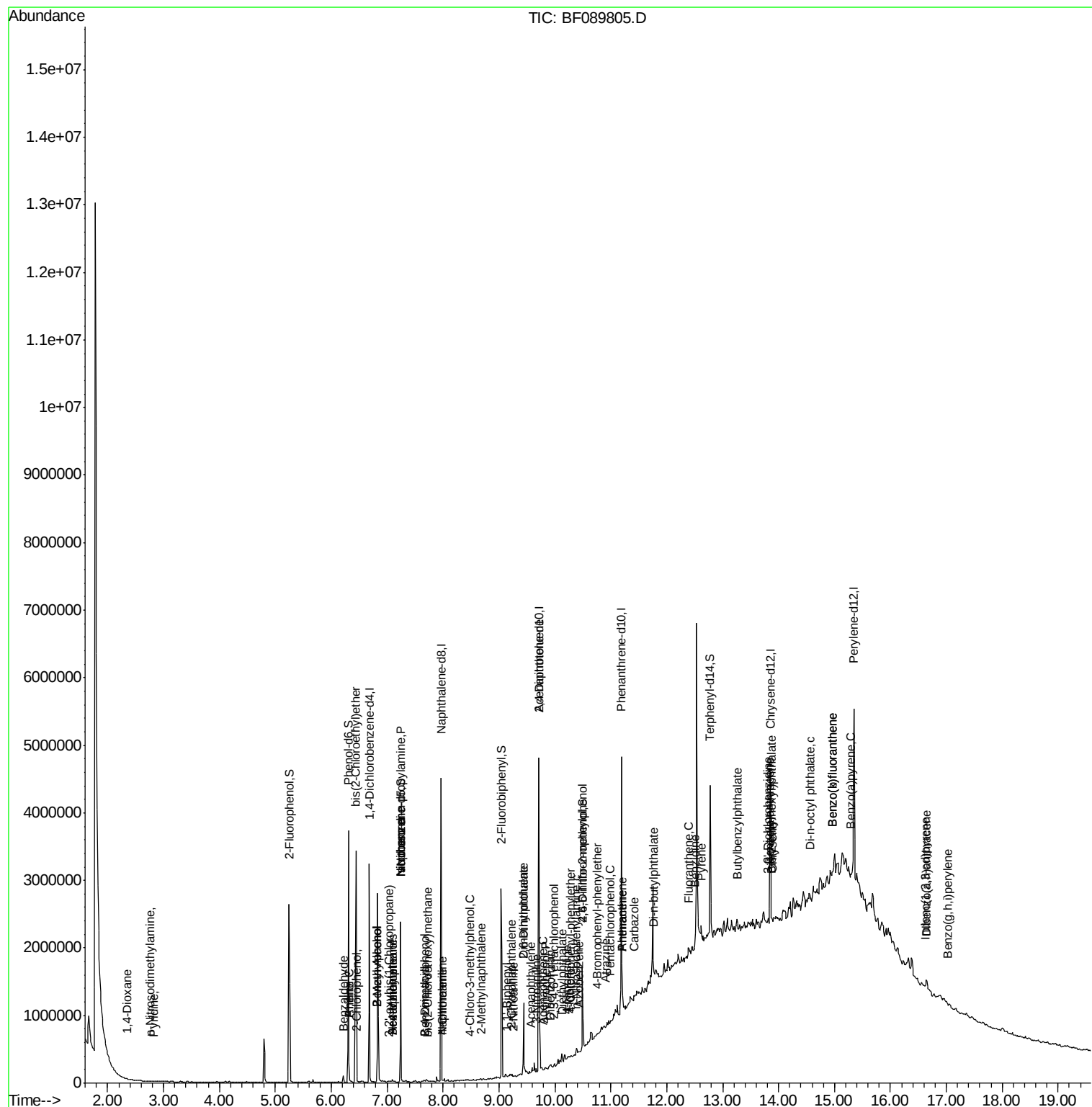
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) 2,4-Dinitrotoluene	9.71	165	115577	6.46	ng	# 35
57) Fluorene	10.26	166	6268	0.12	ng	# 61
58) 2,3,4,6-Tetrachlorophenol	9.99	232	1083	0.09	ng	# 28
59) Diethylphthalate	10.14	149	12615	0.21	ng	# 55
60) 4-Chlorophenyl-phenylether	10.27	204	1881	0.08	ng	# 82
61) 4-Nitroaniline	10.22	138	1861	0.13	ng	# 58
62) Azobenzene	10.42	77	5383	0.09	ng	# 35
64) 4,6-Dinitro-2-methylphenol	10.49	198	363	0.05	ng	# 1
65) n-Nitrosodiphenylamine	10.38	169	3679	0.09	ng	# 75
66) 4-Bromophenyl-phenylether	10.76	248	405	0.03	ng	# 1
68) Atrazine	10.91	200	758	0.06	ng	# 1
69) Pentachlorophenol	10.99	266	241	0.03	ng	# 36
70) Phenanthrene	11.21	178	74403	1.13	ng	# 94
71) Anthracene	11.21	178	74403	1.11	ng	# 95
72) Carbazole	11.42	167	8511	0.14	ng	# 51
73) Di-n-butylphthalate	11.77	149	41531	0.55	ng	# 75
74) Fluoranthene	12.39	202	80401	1.28	ng	# 76
76) Benzidine	12.51	184	933	0.03	ng	# 1
77) Pyrene	12.62	202	70315	0.92	ng	# 88
79) Butylbenzylphthalate	13.27	149	6654	0.19	ng	# 50
80) Benzo(a)anthracene	13.84	228	38357	0.71	ng	# 75
81) 3,3'-Dichlorobenzidine	13.82	252	894	0.05	ng	# 1
82) Chrysene	13.89	228	29684	0.64	ng	# 87
83) Bis(2-ethylhexyl)phthalate	13.87	149	11117	0.23	ng	# 93
84) Di-n-octyl phthalate	14.56	149	9502	0.15	ng	# 75
85) Indeno(1,2,3-cd)pyrene	16.63	276	25060	0.42	ng	# 93
87) Benzo(b)fluoranthene	14.96	252	62763	1.08	ng	# 1
88) Benzo(k)fluoranthene	14.96	252	62763	1.19	ng	# 5
89) Benzo(a)pyrene	15.29	252	32710	0.60	ng	# 1
90) Dibenzo(a,h)anthracene	16.65	278	7125	0.12	ng	# 1
91) Benzo(g,h,i)perylene	17.02	276	32584	0.52	ng	# 84

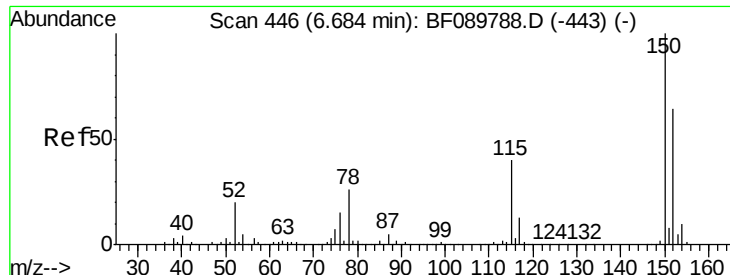
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF089805.D

Acq: 19 Aug 2016 19:34

Instrument :

BNA_F

ClientSampleId :

G-5

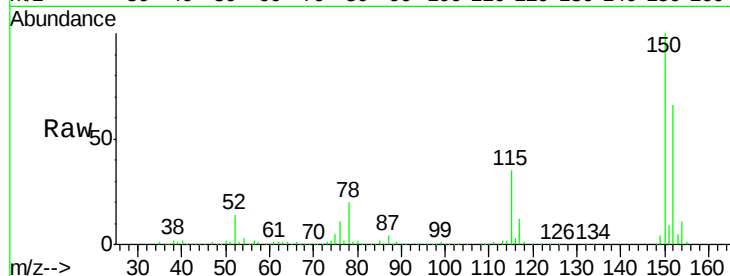
Tgt Ion:152 Resp: 531620

Ion Ratio Lower Upper

152 100

150 152.3 125.3 187.9

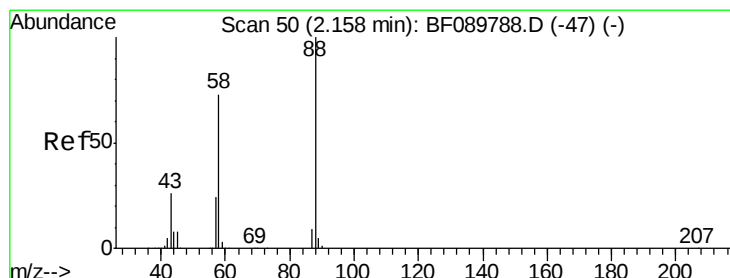
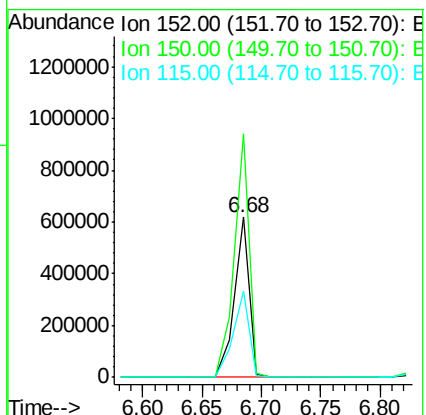
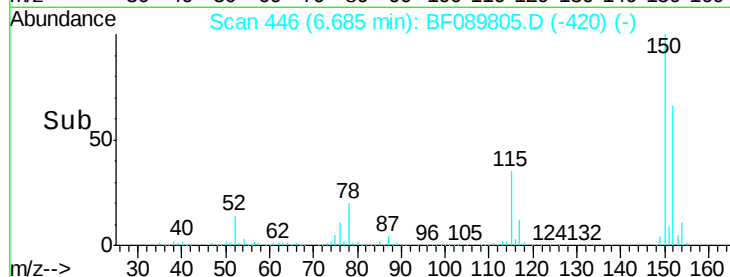
115 53.6 40.9 61.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.40 ng

RT: 2.34 min Scan# 66

Delta R.T. 0.18 min

Lab File: BF089805.D

Acq: 19 Aug 2016 19:34

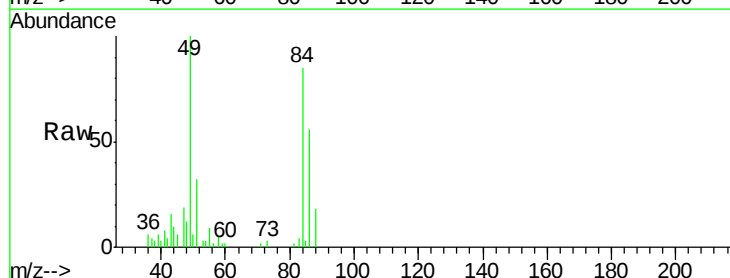
Tgt Ion: 88 Resp: 6121

Ion Ratio Lower Upper

88 100

58 6.1 57.0 85.4#

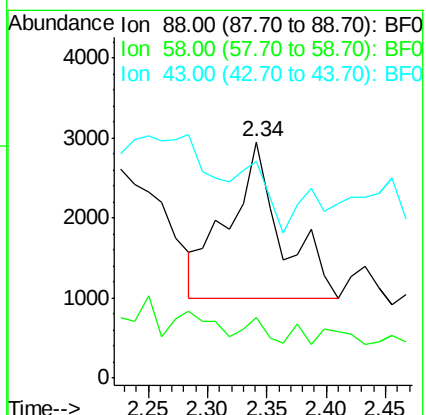
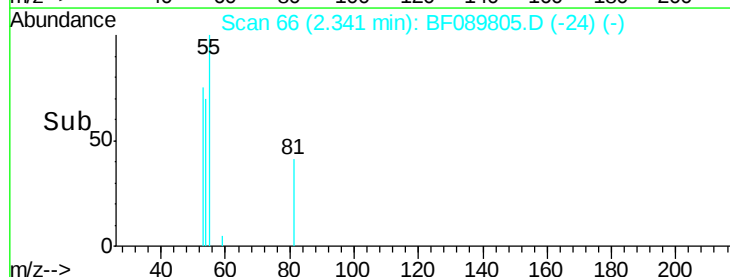
43 0.0 21.8 32.8#

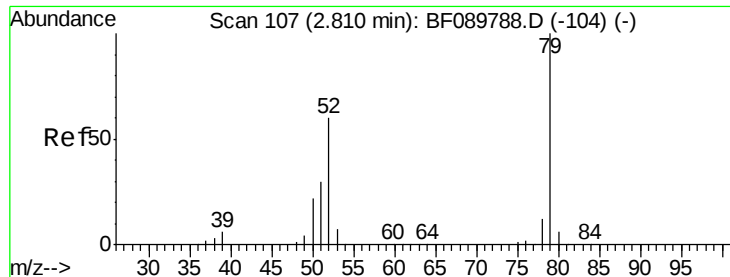


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 0.03 ng

RT: 2.82 min Scan# 108

Delta R.T. 0.01 min

Lab File: BF089805.D

Acq: 19 Aug 2016 19:34

Instrument :

BNA_F

ClientSampleId :

G-5

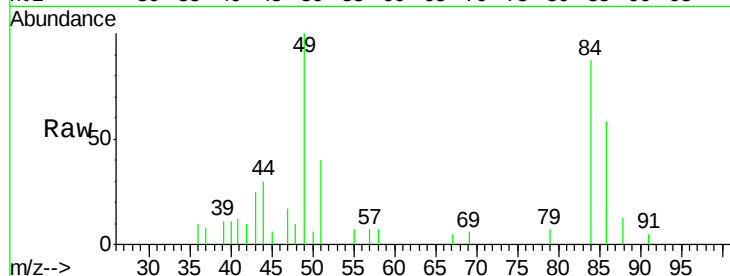
Tgt Ion: 79 Resp: 1055

Ion Ratio Lower Upper

79 100

52 0.0 53.6 80.4#

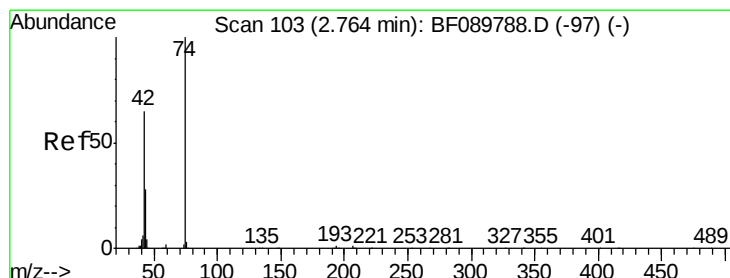
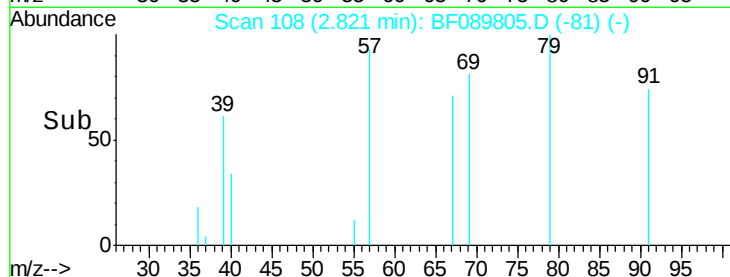
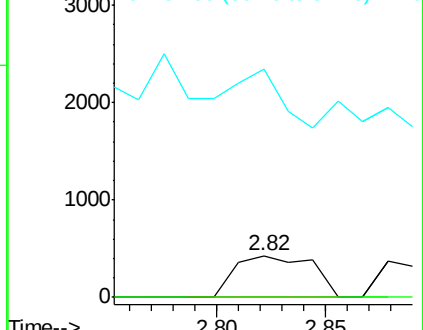
51 546.9 26.6 39.8#



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: 0.11 ng

RT: 2.76 min Scan# 103

Delta R.T. 0.00 min

Lab File: BF089805.D

Acq: 19 Aug 2016 19:34

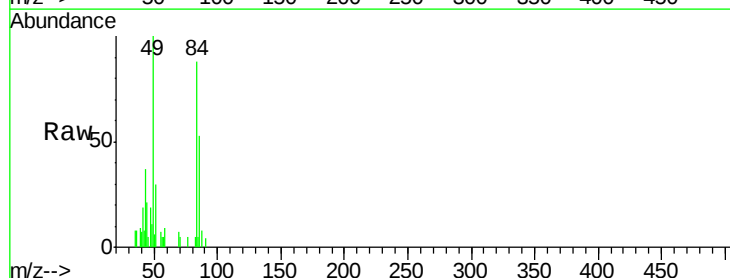
Tgt Ion: 42 Resp: 1718

Ion Ratio Lower Upper

42 100

74 0.0 106.2 159.2#

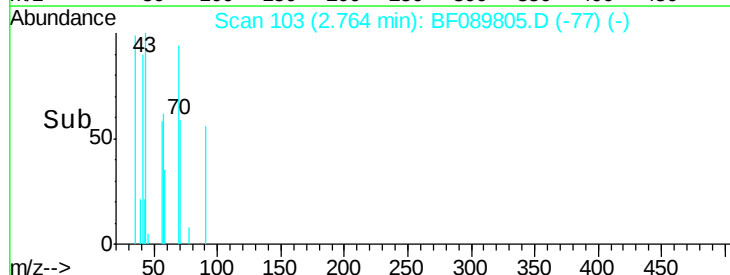
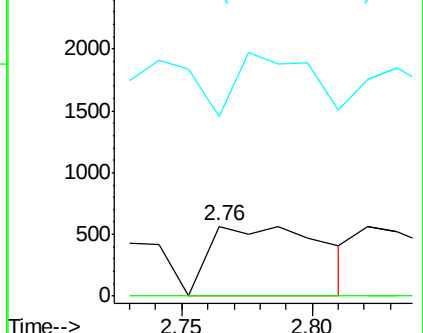
44 255.8 6.9 10.3#

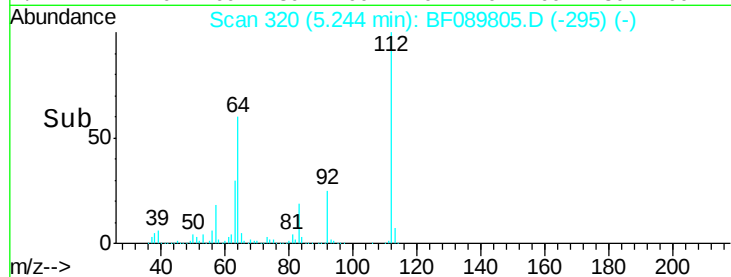
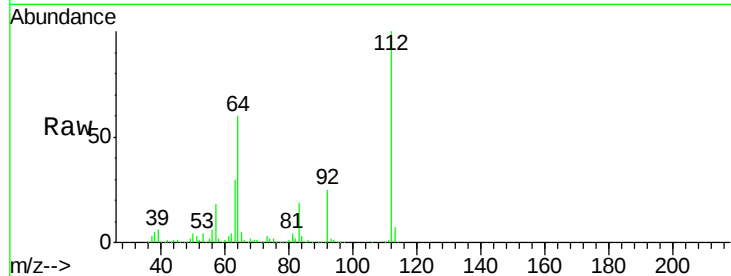
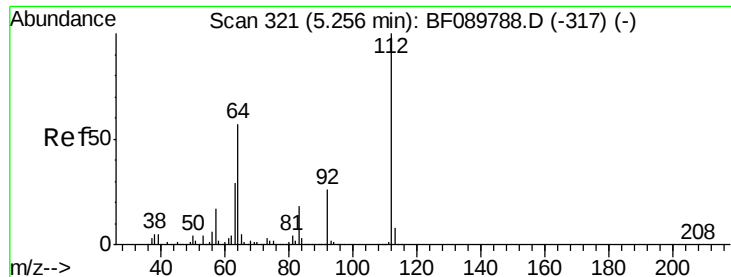


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 30.50 ng

RT: 5.24 min Scan# 320

Delta R.T. -0.01 min

Lab File: BF089805.D

Acq: 19 Aug 2016 19:34

Instrument :

BNA_F

ClientSampleId :

G-5

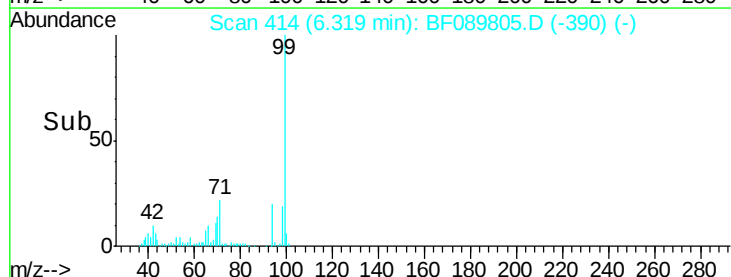
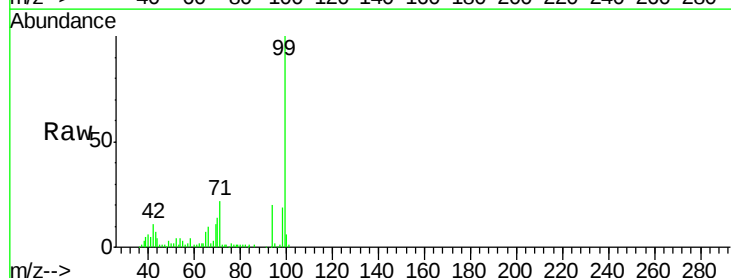
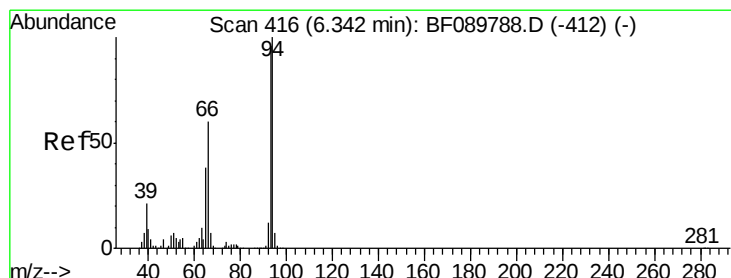
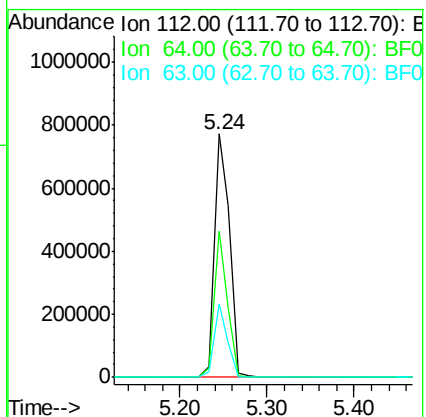
Tgt Ion: 112 Resp: 945406

Ion Ratio Lower Upper

112 100

64 60.3 45.0 67.4

63 30.1 23.1 34.7



#6

Aniline

Concen: 0.01 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.02 min

Lab File: BF089805.D

Acq: 19 Aug 2016 19:34

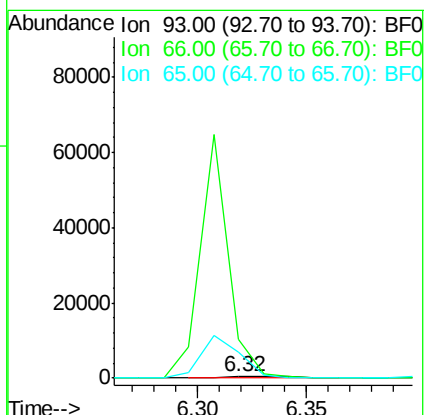
Tgt Ion: 93 Resp: 735

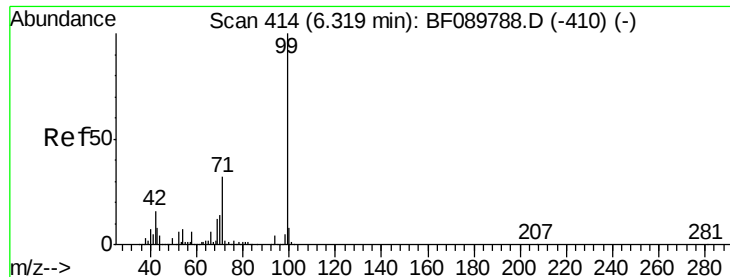
Ion Ratio Lower Upper

93 100

66 2392.5 30.6 46.0#

65 1571.0 15.4 23.2#





#7

Phenol-d6

Concen: 31.22 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF089805.D

Acq: 19 Aug 2016 19:34

Instrument :

BNA_F

ClientSampleId :

G-5

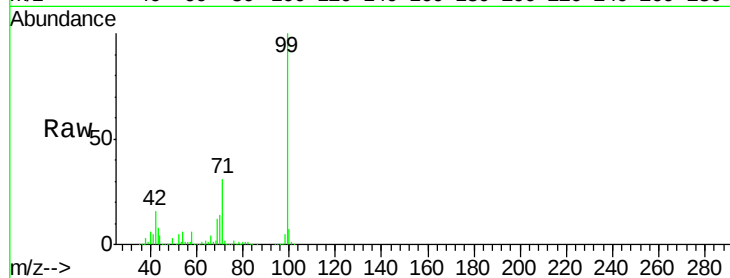
Tgt Ion: 99 Resp: 1187871

Ion Ratio Lower Upper

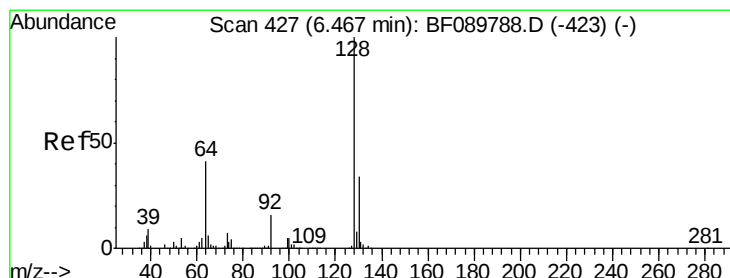
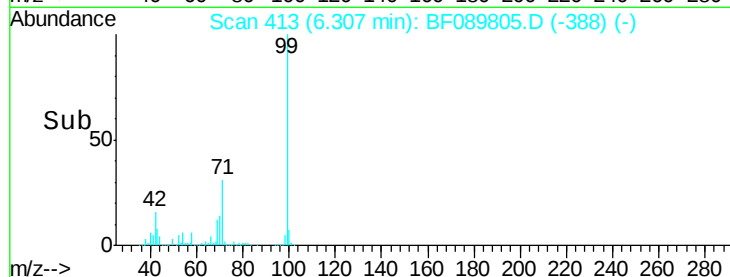
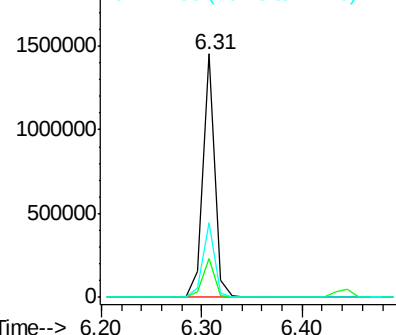
99 100

42 15.7 12.2 18.4

71 30.9 23.8 35.8



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 0.02 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.01 min

Lab File: BF089805.D

Acq: 19 Aug 2016 19:34

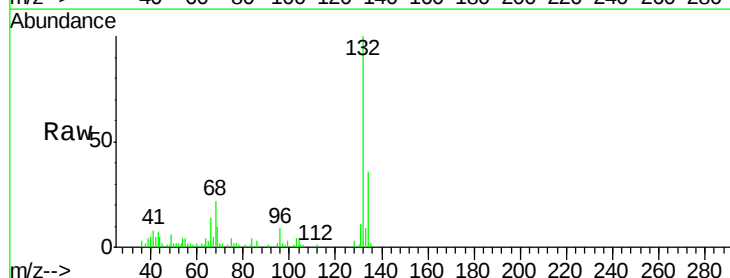
Tgt Ion: 128 Resp: 564

Ion Ratio Lower Upper

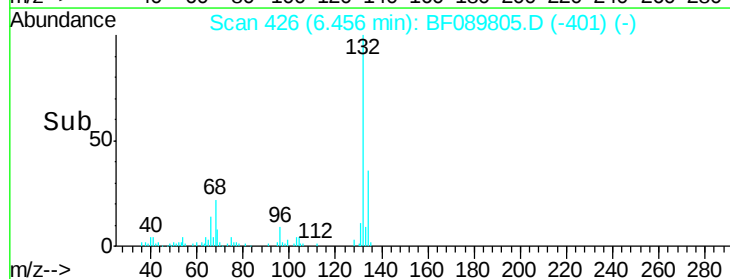
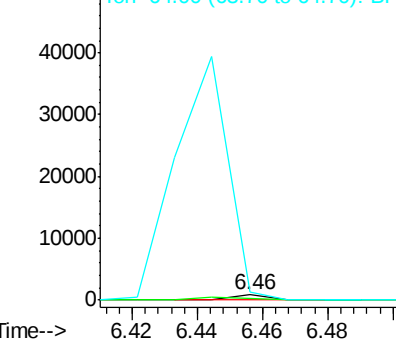
128 100

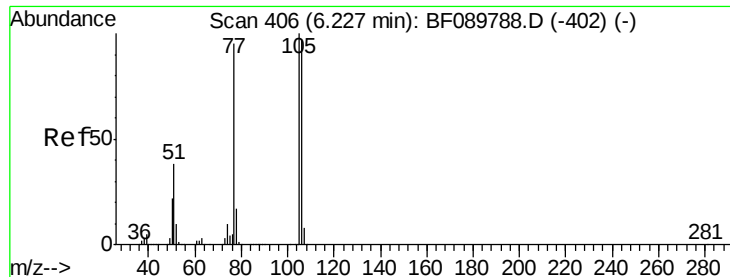
130 38.6 12.0 52.0

64 148.4 35.1 75.1#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 0.70 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF089805.D

Acq: 19 Aug 2016 19:34

Instrument :

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ClientSampleId :

G-5

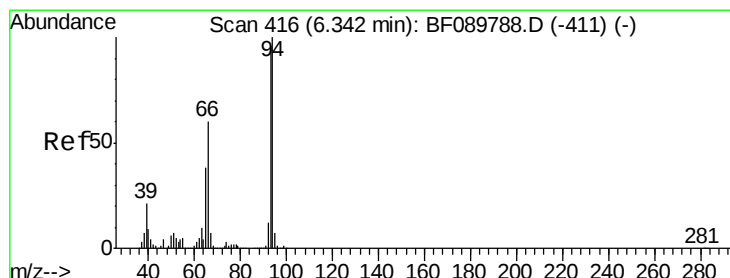
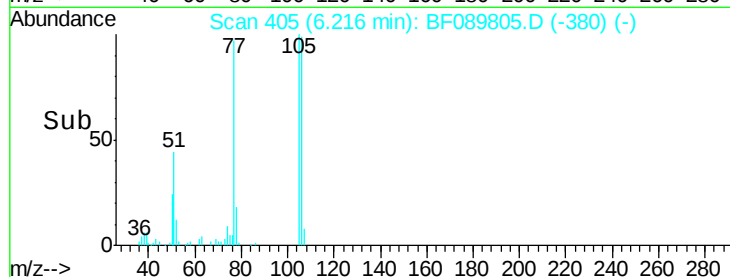
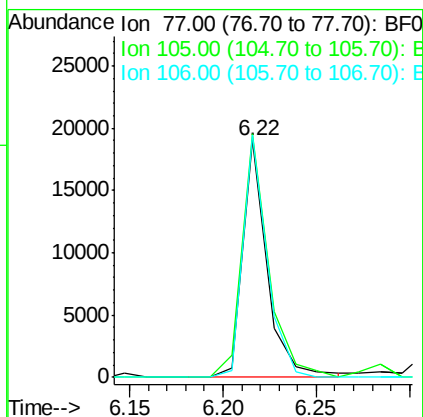
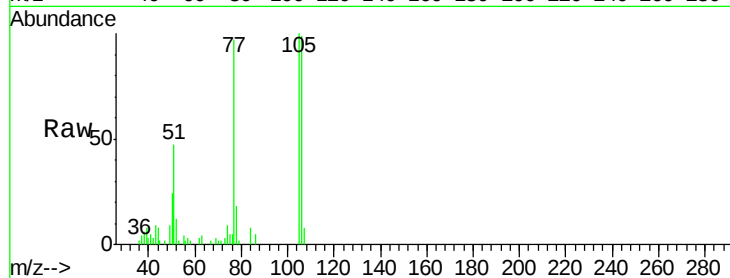
Tgt Ion: 77 Resp: 17382

Ion Ratio Lower Upper

77 100

105 102.8 73.3 113.3

106 102.3 68.6 108.6



#10

Phenol

Concen: 0.38 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.02 min

Lab File: BF089805.D

Acq: 19 Aug 2016 19:34

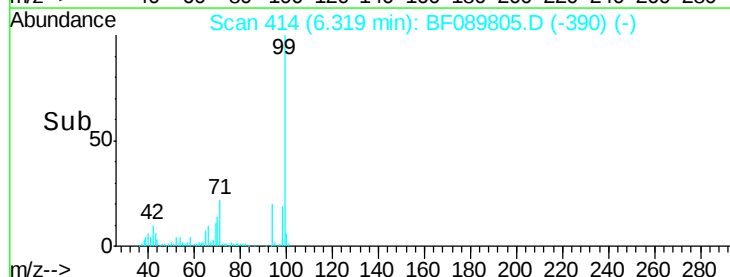
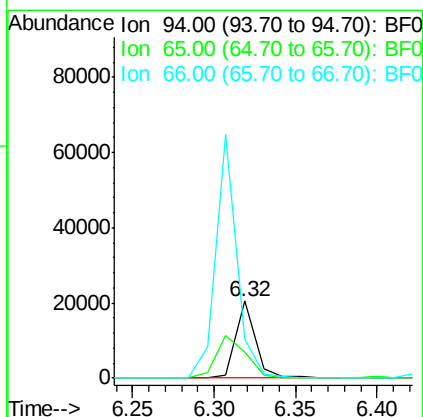
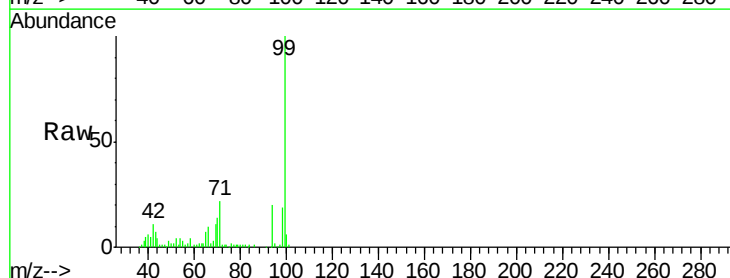
Tgt Ion: 94 Resp: 16827

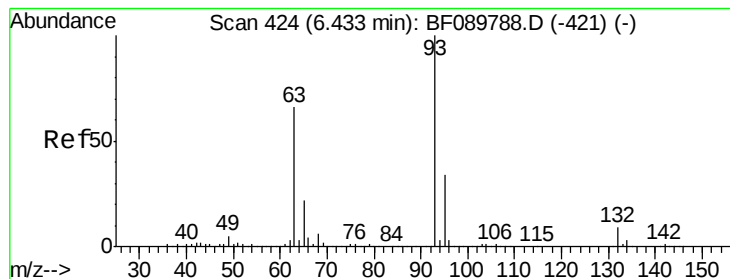
Ion Ratio Lower Upper

94 100

65 33.6 14.0 54.0

66 51.2 31.2 71.2





#11

bis(2-Chloroethyl)ether

Concen: 0.04 ng

RT: 6.44 min Scan# 425

Delta R.T. 0.01 min

Lab File: BF089805.D

Acq: 19 Aug 2016 19:34

Instrument :

BNA_F

ClientSampleId :

G-5

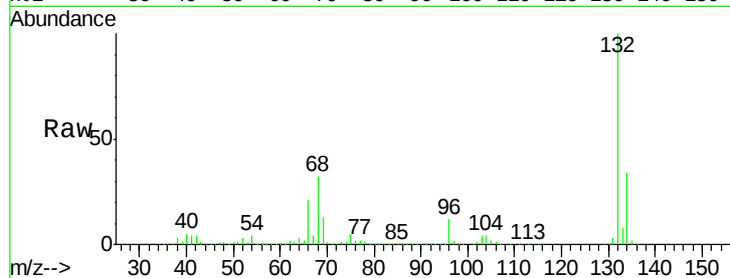
Tgt Ion: 93 Resp: 1449

Ion Ratio Lower Upper

93 100

63 576.1 55.8 95.8#

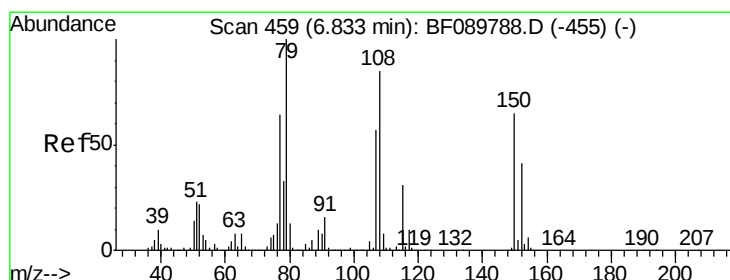
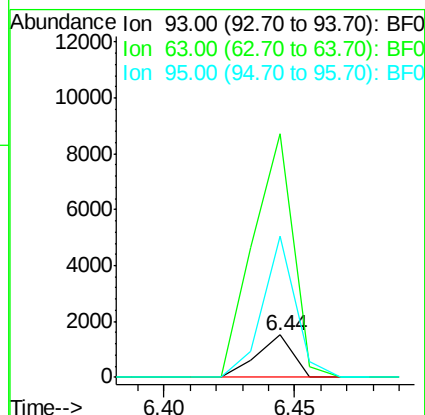
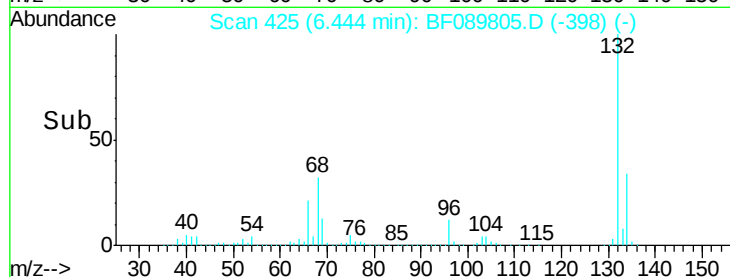
95 332.7 13.0 53.0#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#15

Benzyl Alcohol

Concen: 4.29 ng

RT: 6.82 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF089805.D

Acq: 19 Aug 2016 19:34

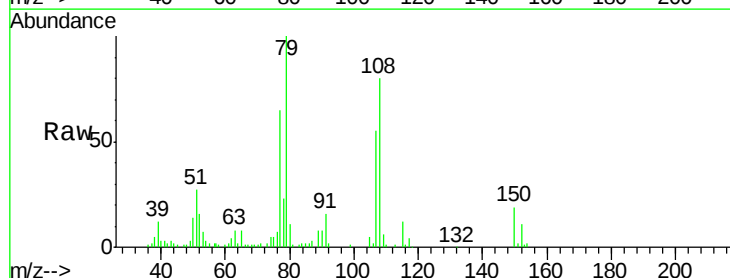
Tgt Ion: 79 Resp: 108295

Ion Ratio Lower Upper

79 100

108 80.0 62.5 93.7

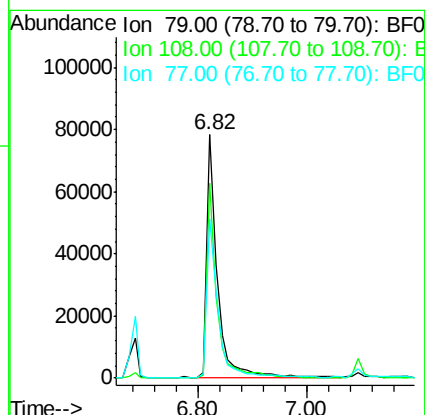
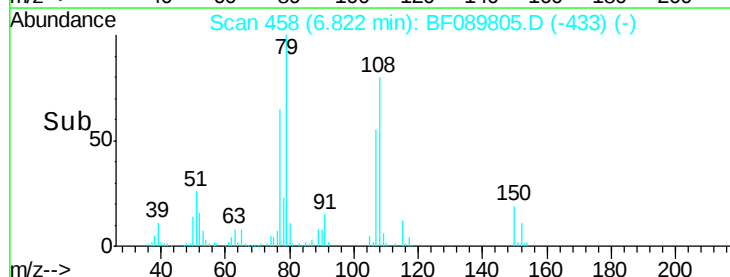
77 65.2 51.5 77.3

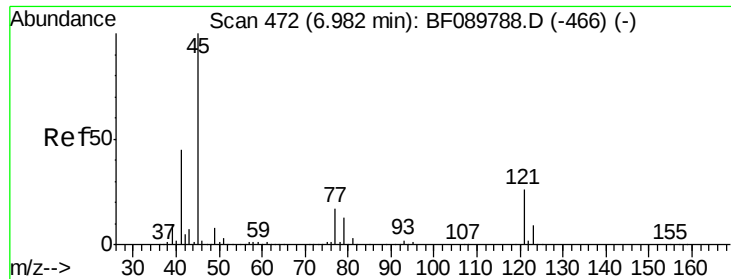


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

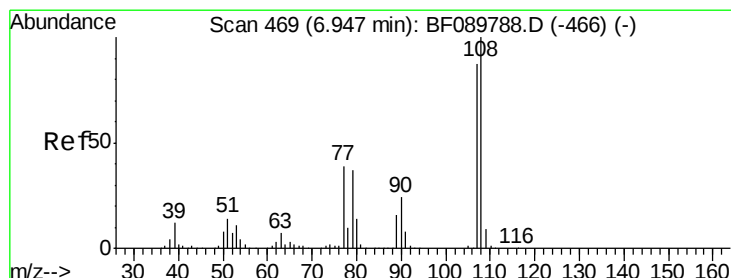
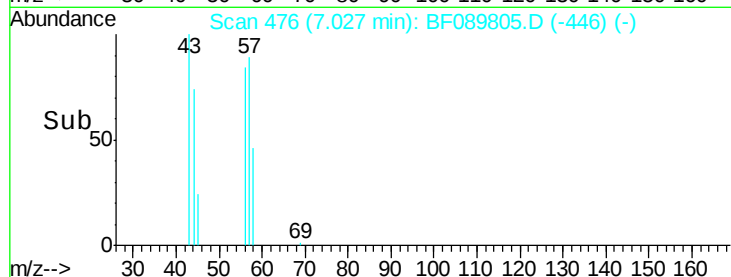
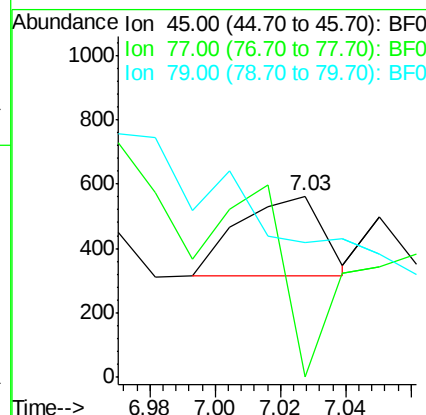
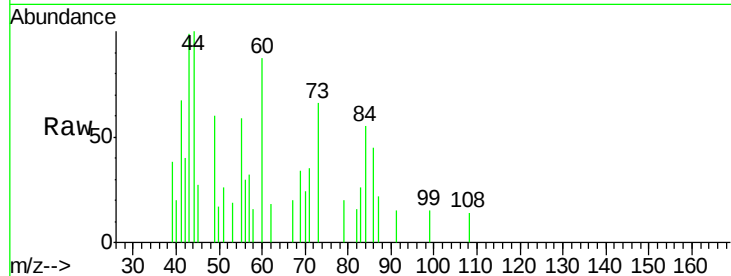




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.01 ng
RT: 7.03 min Scan# 476
Delta R.T. 0.05 min
Lab File: BF089805.D
Acq: 19 Aug 2016 19:34

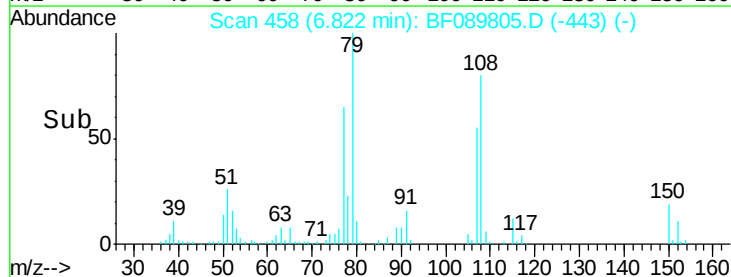
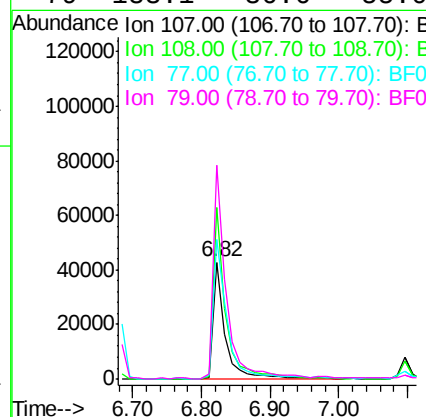
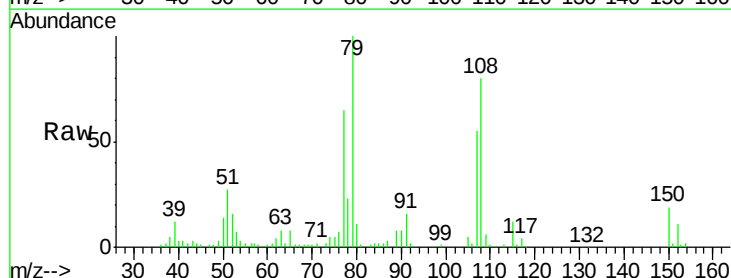
Instrument :
BNA_F
ClientSampled :
G-5

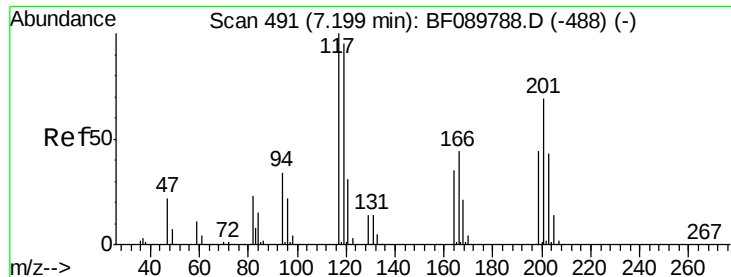
Tgt Ion: 45 Resp: 437
Ion Ratio Lower Upper
45 100
77 0.0 0.0 33.5
79 74.6 0.0 30.7#



#17
2-Methylphenol
Concen: 1.85 ng
RT: 6.82 min Scan# 458
Delta R.T. -0.13 min
Lab File: BF089805.D
Acq: 19 Aug 2016 19:34

Tgt Ion: 107 Resp: 53599
Ion Ratio Lower Upper
107 100
108 146.5 91.0 136.4#
77 119.3 37.4 56.0#
79 183.1 36.6 55.0#

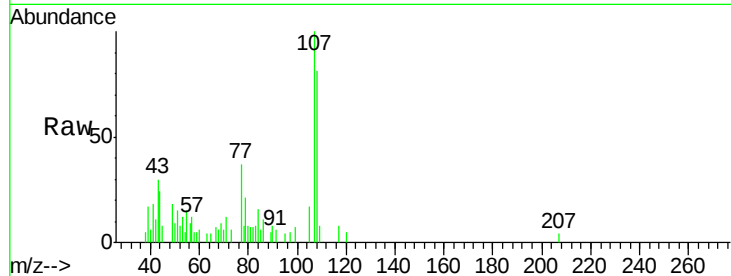




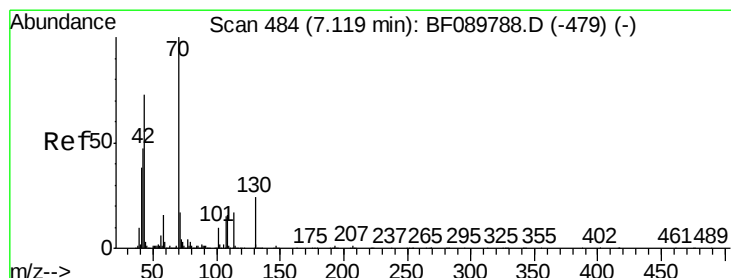
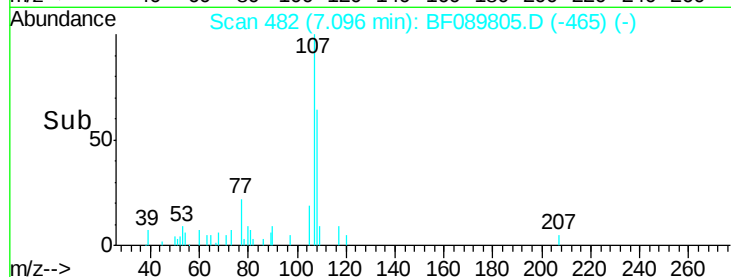
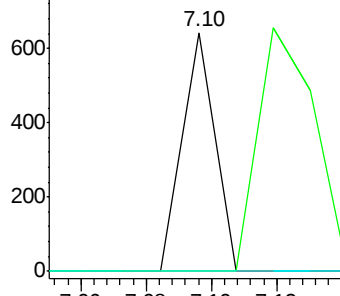
#18
Hexachloroethane
Concen: 0.03 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.10 min
Lab File: BF089805.D
Acq: 19 Aug 2016 19:34

Instrument :
BNA_F
ClientSampleId :
G-5

Tgt Ion: 117 Resp: 441
Ion Ratio Lower Upper
117 100
119 0.0 77.1 115.7#
201 0.0 76.9 115.3#

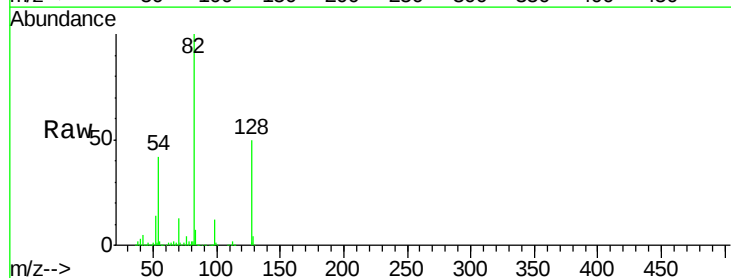


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

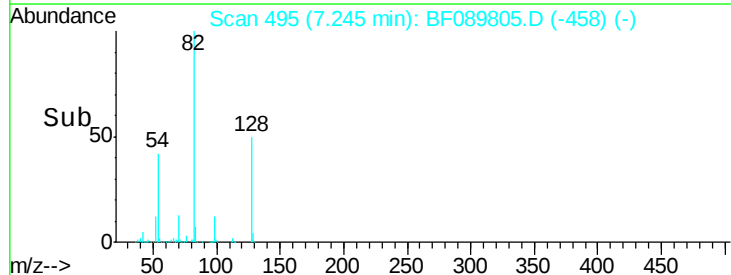
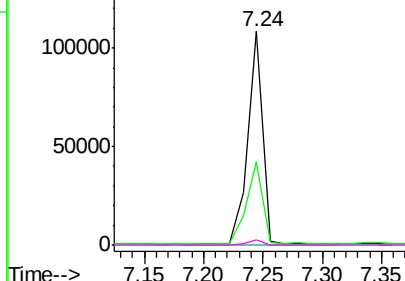


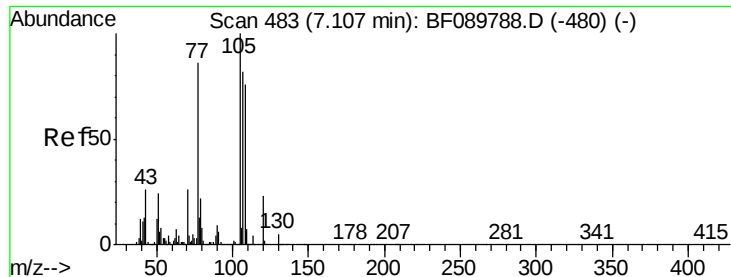
#19
n-Nitroso-di-n-propylamine
Concen: 3.90 ng
RT: 7.24 min Scan# 495
Delta R.T. 0.13 min
Lab File: BF089805.D
Acq: 19 Aug 2016 19:34

Tgt Ion: 70 Resp: 94897
Ion Ratio Lower Upper
70 100
42 38.8 46.3 69.5#
101 0.0 7.0 10.6#
130 2.4 14.4 21.6#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

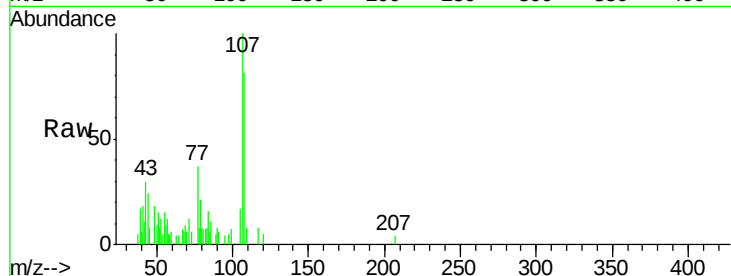




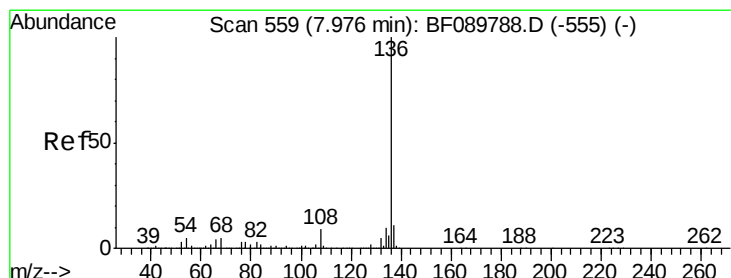
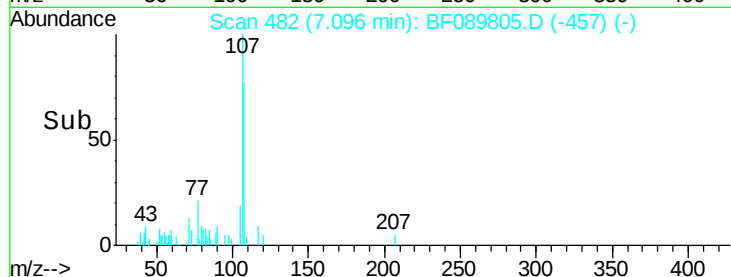
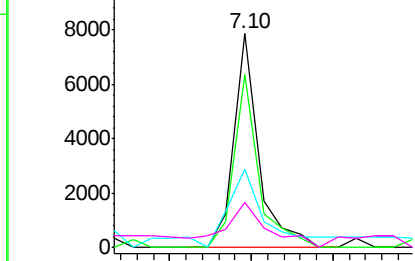
#20
3+4-Methylphenols
Concen: 0.23 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.01 min
Lab File: BF089805.D
Acq: 19 Aug 2016 19:34

Instrument :
BNA_F
ClientSampleId :
G-5

Tgt Ion:	107	Resp:	8180
Ion	Ratio	Lower	Upper
107	100		
108	81.1	68.2	108.2
77	36.5	122.3	162.3#
79	21.0	8.2	48.2

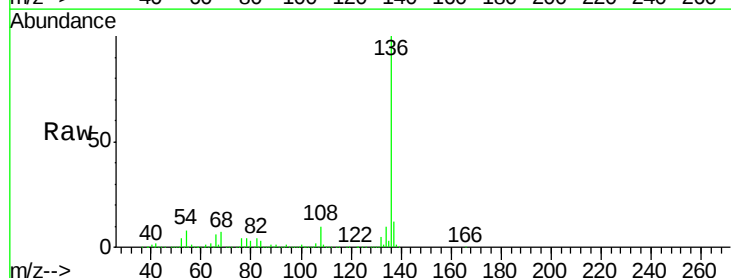


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

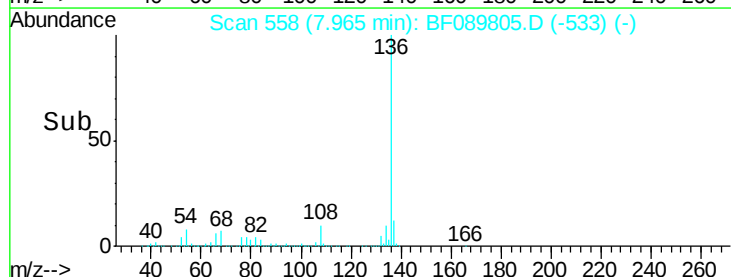
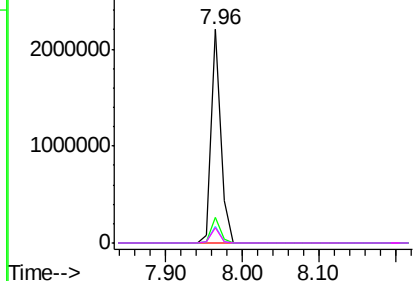


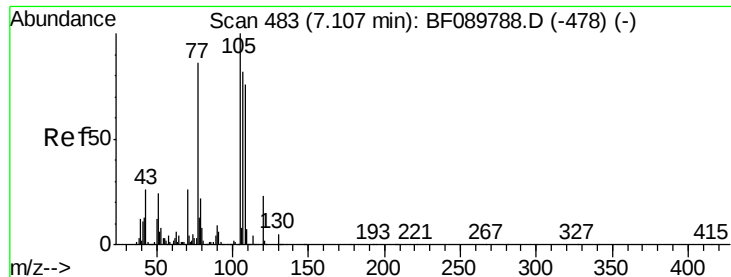
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF089805.D
Acq: 19 Aug 2016 19:34

Tgt Ion:	136	Resp:	1881573
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.2	13.8
54	7.8	7.2	10.8
68	6.9	5.8	8.8



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 0.03 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF089805.D

Acq: 19 Aug 2016 19:34

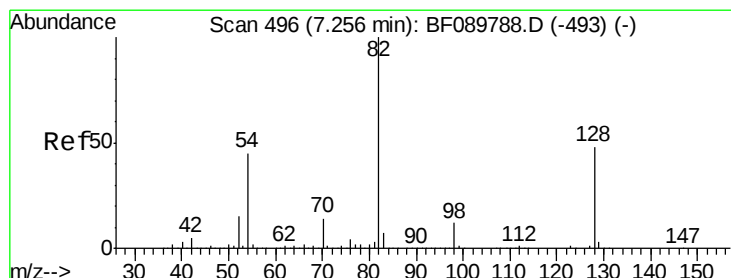
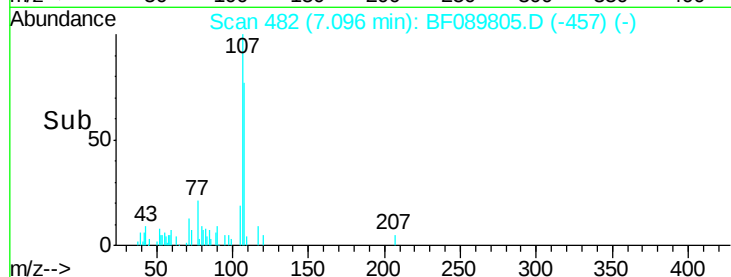
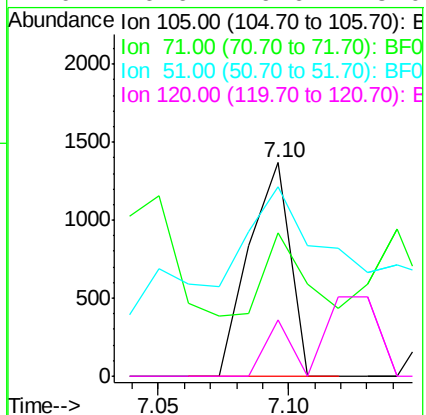
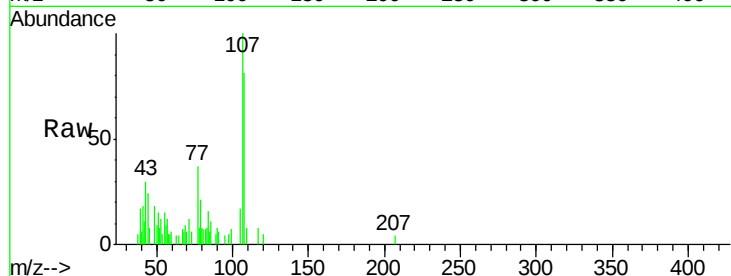
Instrument :

BNA_F

ClientSampleId :

G-5

Tgt Ion:	105	Resp:	1512
Ion	Ratio	Lower	Upper
105	100		
71	66.8	1.9	2.9#
51	88.7	28.5	42.7#
120	26.6	16.6	25.0#



#23

Nitrobenzene-d5

Concen: 24.16 ng

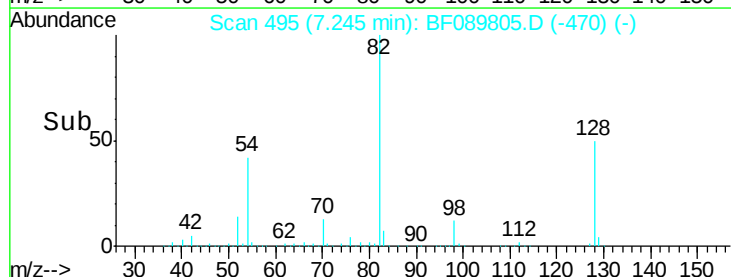
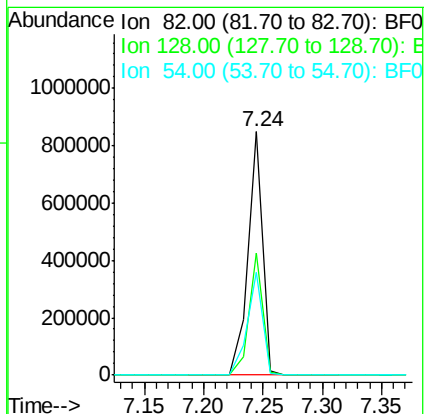
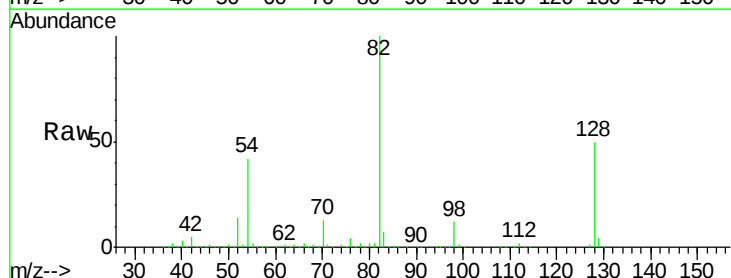
RT: 7.24 min Scan# 495

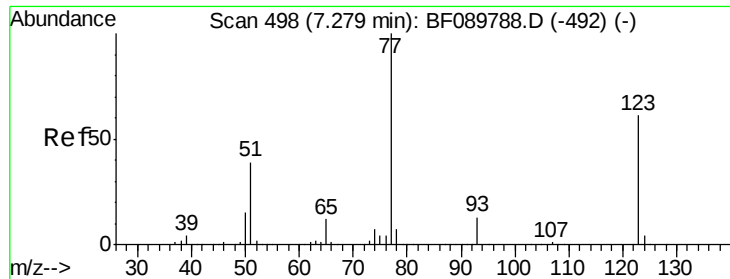
Delta R.T. -0.01 min

Lab File: BF089805.D

Acq: 19 Aug 2016 19:34

Tgt Ion:	82	Resp:	731873
Ion	Ratio	Lower	Upper
82	100		
128	50.1	34.4	51.6
54	42.5	40.3	60.5





#24

Nitrobenzene

Concen: 0.09 ng

RT: 7.24 min Scan# 495

Delta R.T. -0.03 min

Lab File: BF089805.D

Acq: 19 Aug 2016 19:34

Instrument :

BNA_F

ClientSampleId :

G-5

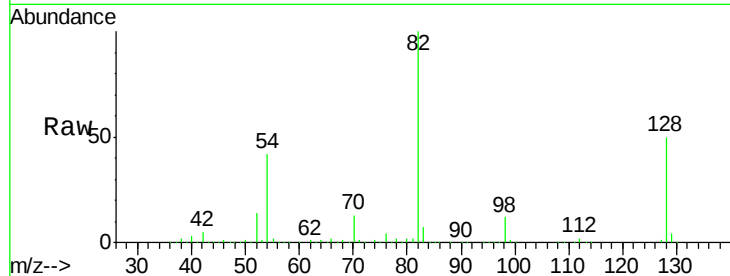
Tgt Ion: 77 Resp: 3178

Ion Ratio Lower Upper

77 100

123 0.0 36.2 54.2#

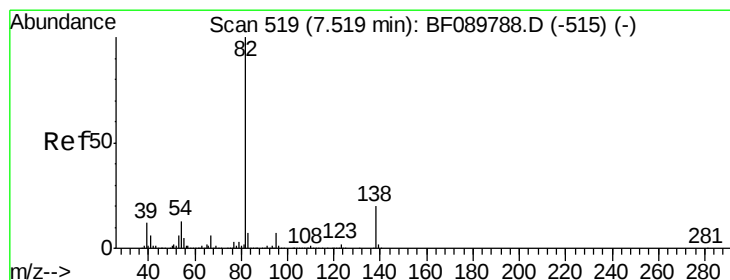
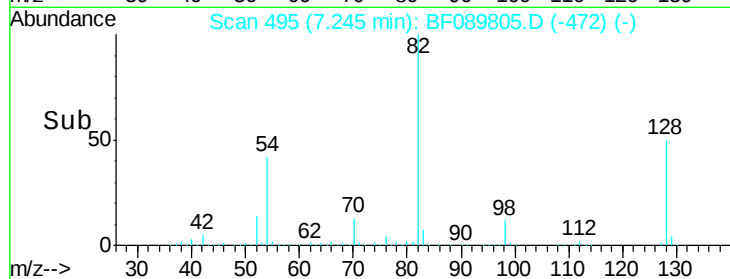
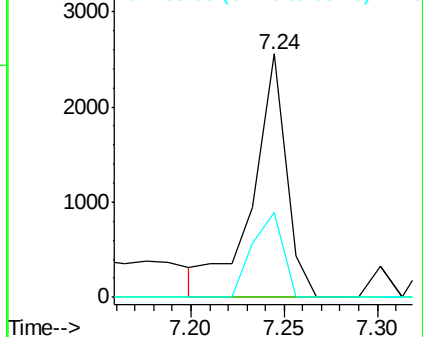
65 34.6 10.6 15.8#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 9.73 ng

RT: 7.24 min Scan# 495

Delta R.T. -0.27 min

Lab File: BF089805.D

Acq: 19 Aug 2016 19:34

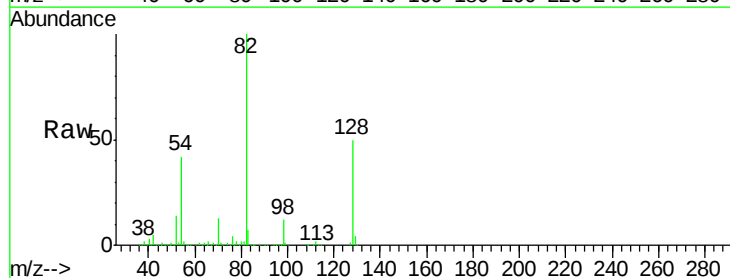
Tgt Ion: 82 Resp: 594246

Ion Ratio Lower Upper

82 100

95 0.1 5.3 7.9#

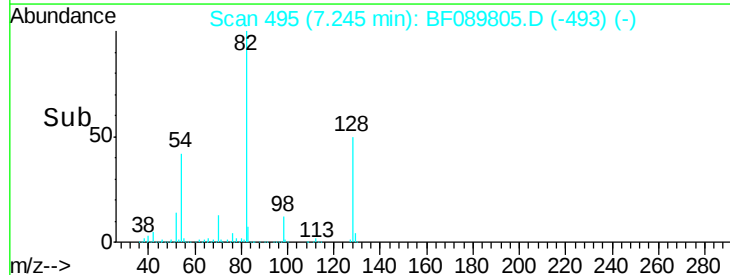
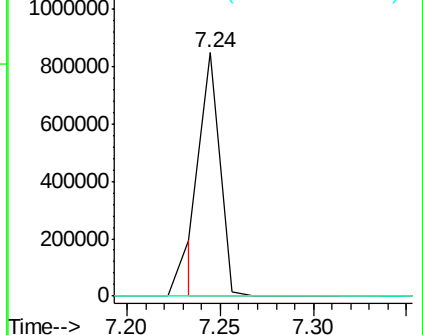
138 0.0 13.0 19.4#

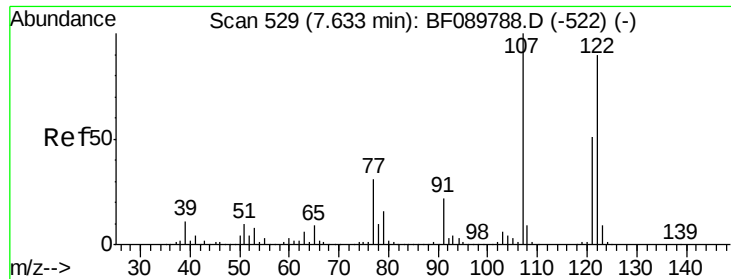


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

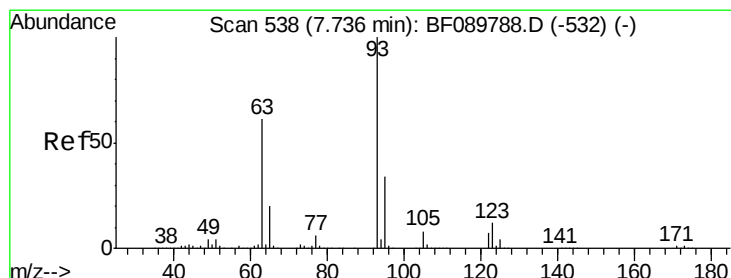
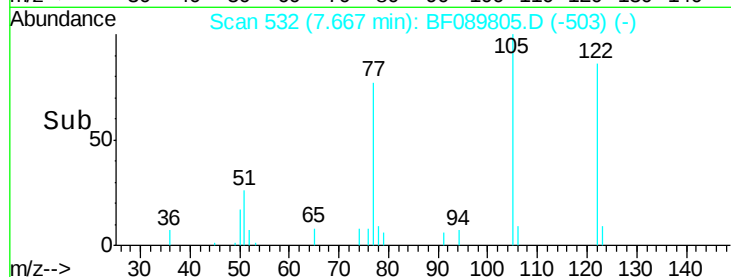
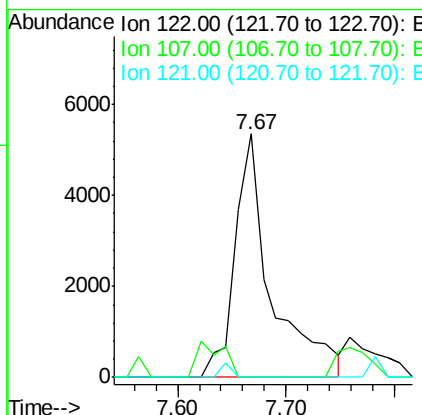
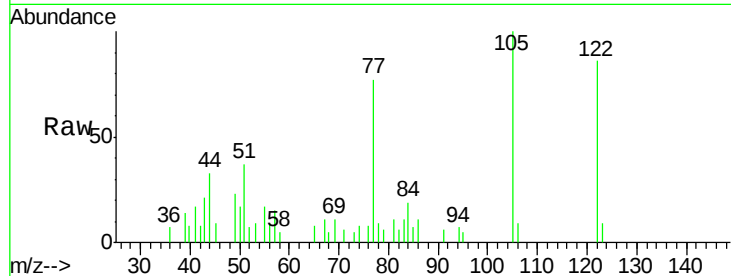




#27
 2,4-Dimethylphenol
 Concen: 0.40 ng
 RT: 7.67 min Scan# 532
 Delta R.T. 0.03 min
 Lab File: BF089805.D
 Acq: 19 Aug 2016 19:34

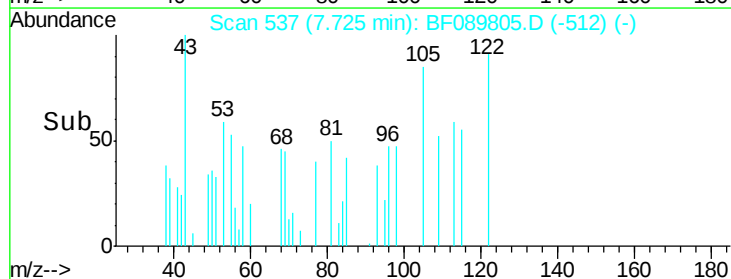
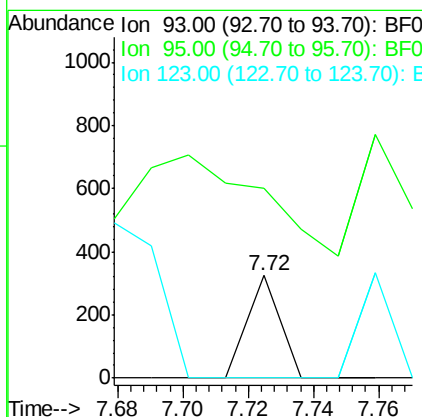
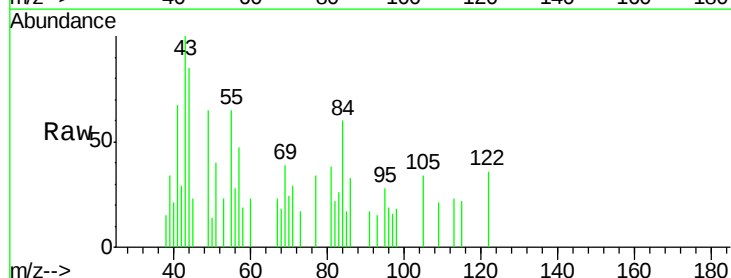
Instrument :
 BNA_F
 ClientSampleId :
 G-5

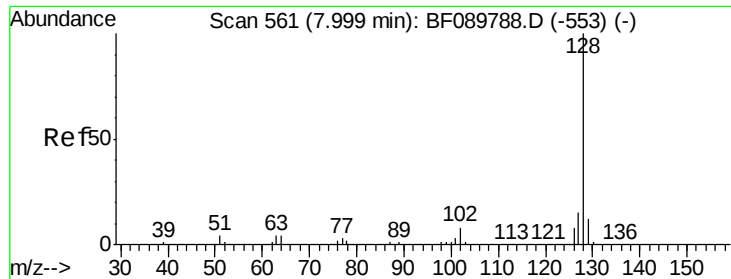
Tgt Ion: 122 Resp: 12306
 Ion Ratio Lower Upper
 122 100
 107 0.0 84.8 127.2#
 121 0.0 47.0 70.6#



#28
 bis(2-Chloroethoxy)methane
 Concen: 0.01 ng
 RT: 7.72 min Scan# 537
 Delta R.T. -0.01 min
 Lab File: BF089805.D
 Acq: 19 Aug 2016 19:34

Tgt Ion: 93 Resp: 223
 Ion Ratio Lower Upper
 93 100
 95 185.5 25.5 38.3#
 123 0.0 8.5 12.7#

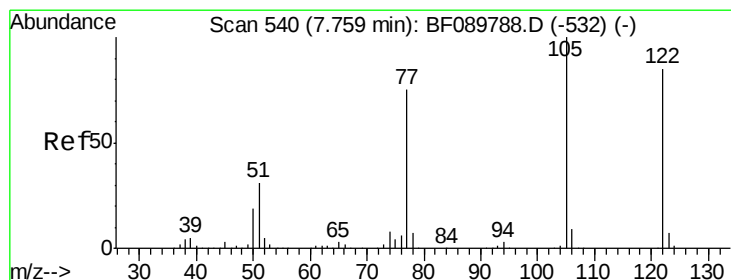
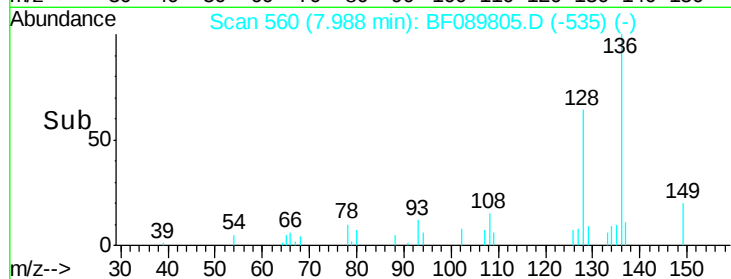
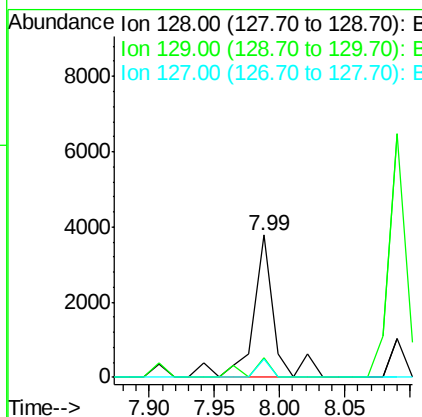
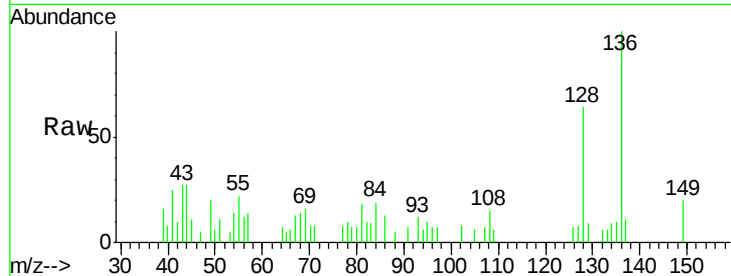




#31
Naphthalene
Concen: 0.05 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF089805.D
Acq: 19 Aug 2016 19:34

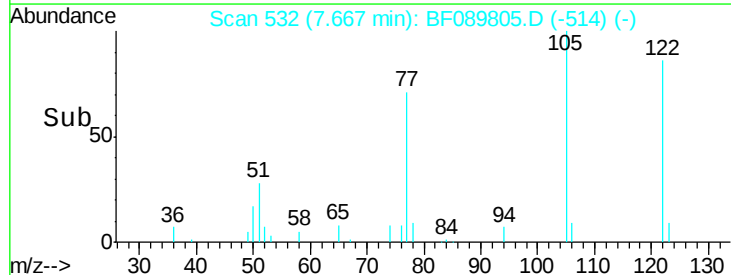
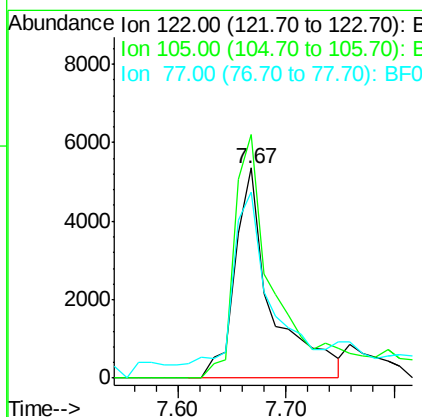
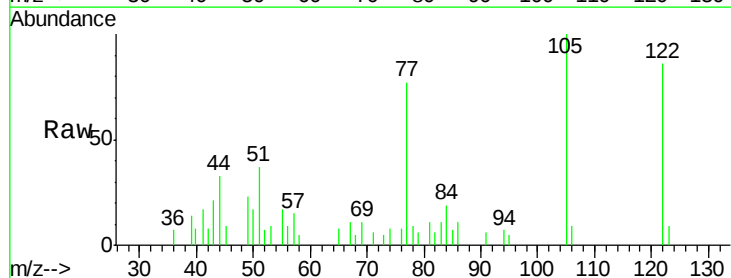
Instrument :
BNA_F
ClientSampleId :
G-5

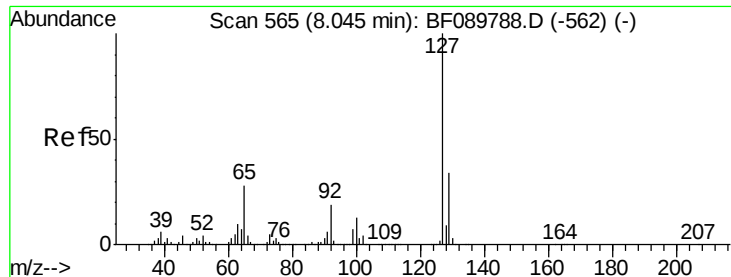
Tgt Ion:128 Resp: 4341
Ion Ratio Lower Upper
128 100
129 13.5 9.5 14.3
127 13.0 11.3 16.9



#32
Benzoic acid
Concen: 0.52 ng
RT: 7.67 min Scan# 532
Delta R.T. -0.09 min
Lab File: BF089805.D
Acq: 19 Aug 2016 19:34

Tgt Ion:122 Resp: 12306
Ion Ratio Lower Upper
122 100
105 115.9 100.8 140.8
77 88.7 72.1 112.1

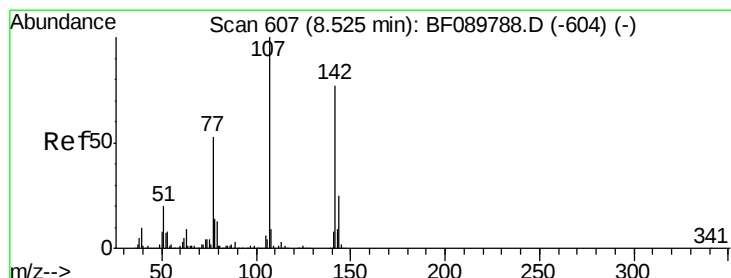
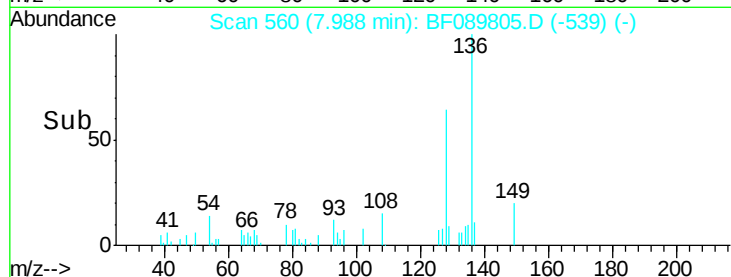
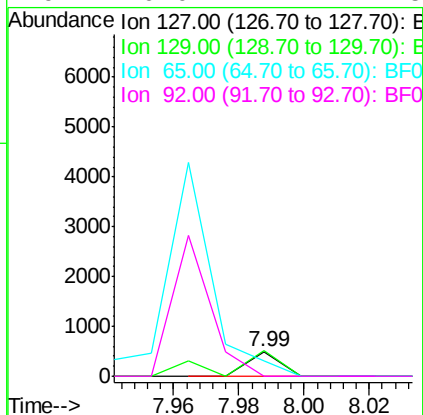
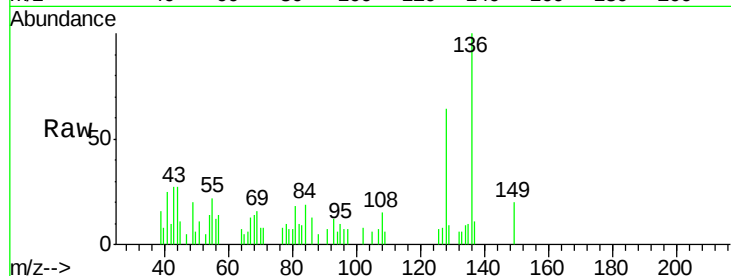




#33
 4-Chloroaniline
 Concen: 0.01 ng
 RT: 7.99 min Scan# 560
 Delta R.T. -0.06 min
 Lab File: BF089805.D
 Acq: 19 Aug 2016 19:34

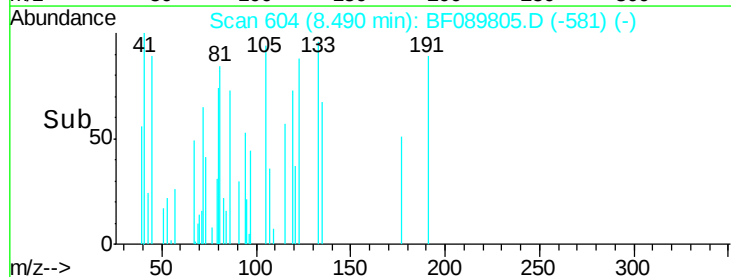
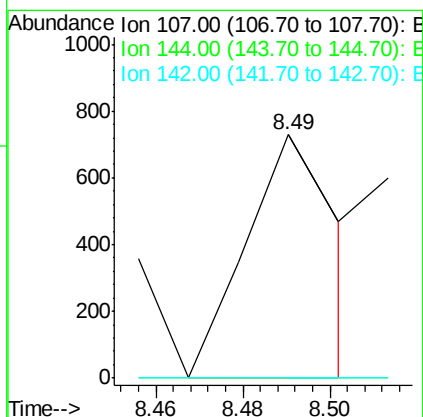
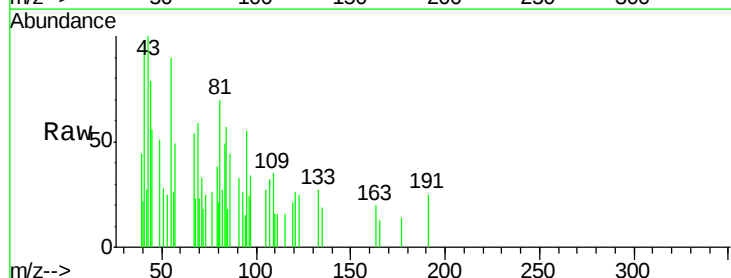
Instrument :
 BNA_F
 ClientSampleId :
 G-5

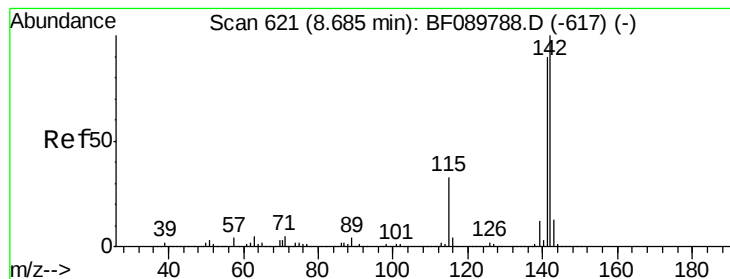
Tgt Ion:	127	Resp:	335
Ion	Ratio	Lower	Upper
127	100		
129	104.1	27.0	40.6#
65	64.4	14.7	22.1#
92	0.0	11.7	17.5#



#36
 4-Chloro-3-methylphenol
 Concen: 0.04 ng
 RT: 8.49 min Scan# 604
 Delta R.T. -0.03 min
 Lab File: BF089805.D
 Acq: 19 Aug 2016 19:34

Tgt Ion:	107	Resp:	1060
Ion	Ratio	Lower	Upper
107	100		
144	0.0	22.6	34.0#
142	0.0	69.3	103.9#





#37

2-Methylnaphthalene

Concen: 0.02 ng

RT: 8.67 min Scan# 620

Delta R.T. -0.01 min

Lab File: BF089805.D

Acq: 19 Aug 2016 19:34

Instrument :

BNA_F

ClientSampleId :

G-5

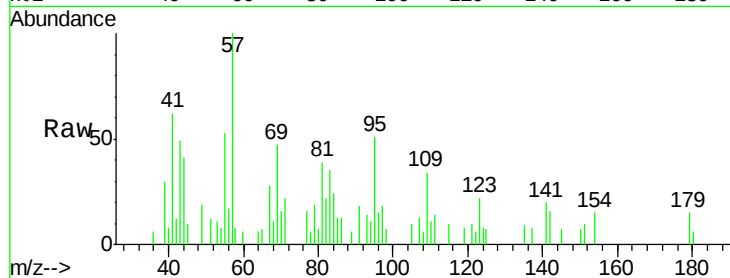
Tgt Ion:142 Resp: 1097

Ion Ratio Lower Upper

142 100

141 126.3 71.4 107.2#

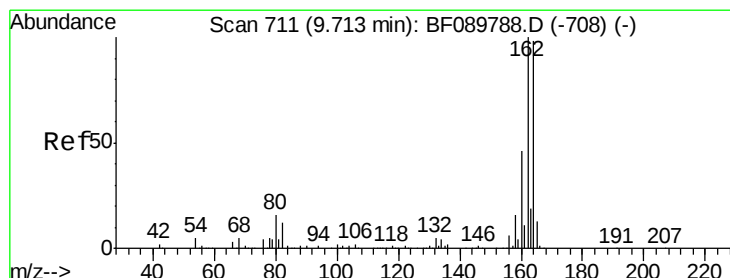
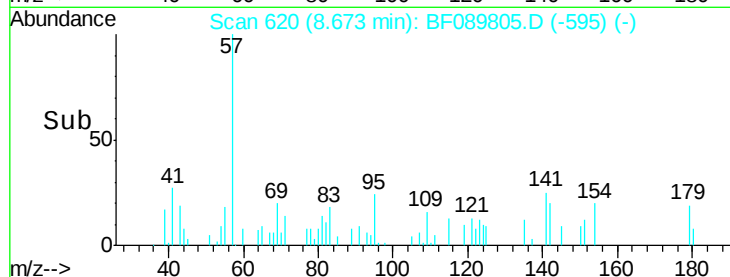
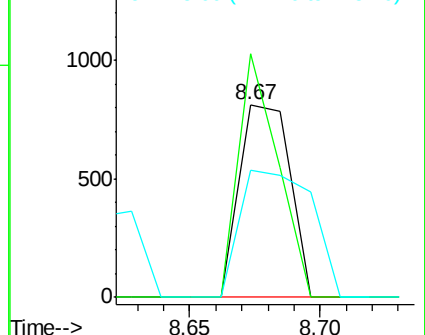
115 66.1 22.7 34.1#



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: BF089805.D

Acq: 19 Aug 2016 19:34

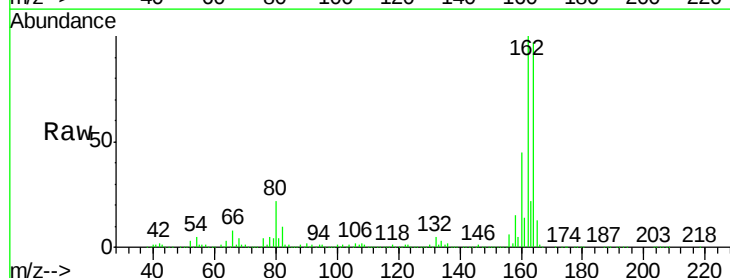
Tgt Ion:164 Resp: 848682

Ion Ratio Lower Upper

164 100

162 103.1 81.4 122.2

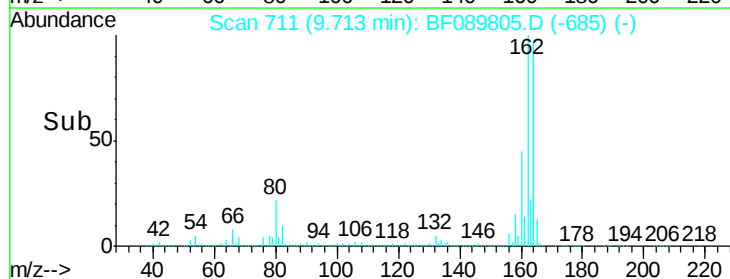
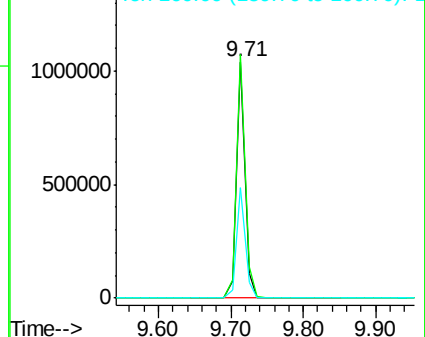
160 46.9 37.8 56.6

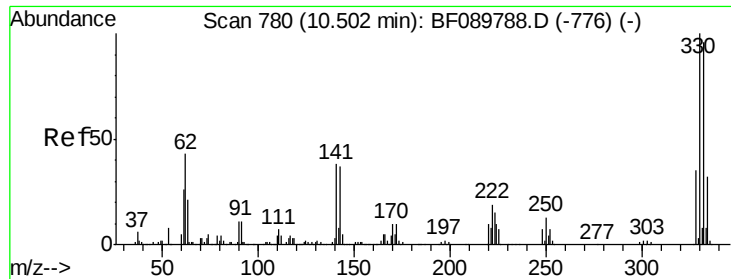


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

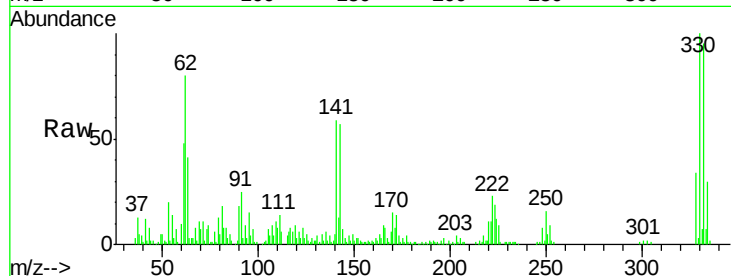




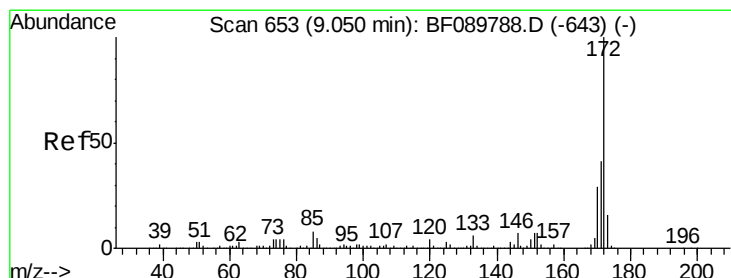
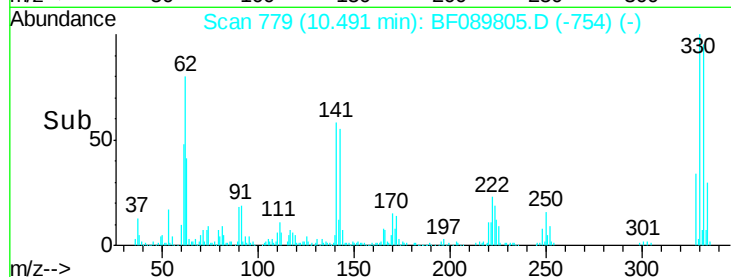
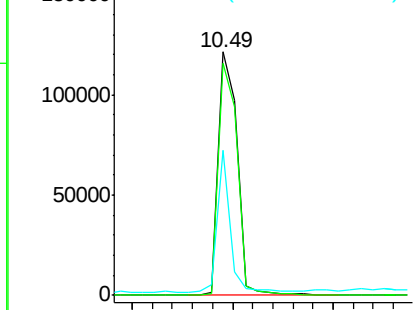
#41
 2,4,6-Tribromophenol
 Concen: 19.67 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF089805.D
 Acq: 19 Aug 2016 19:34

Instrument :
 BNA_F
 ClientSampleId :
 G-5

Tgt Ion:330 Resp: 158664
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.7 115.1
 141 38.2 30.2 45.2

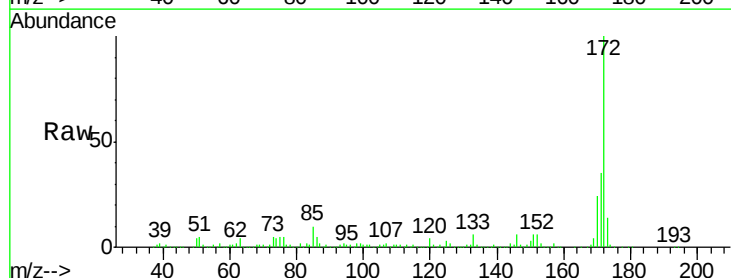


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

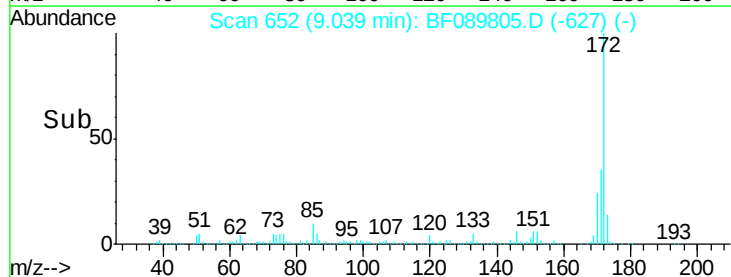
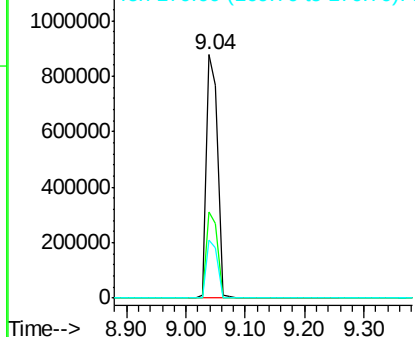


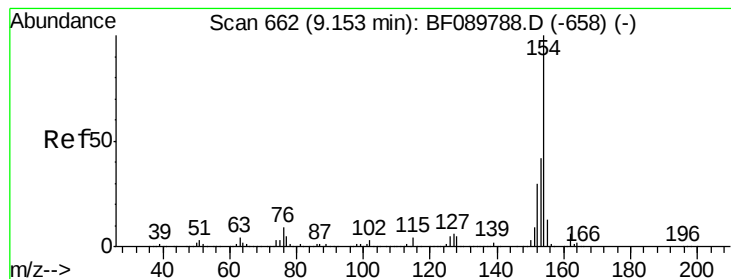
#44
 2-Fluorobiphenyl
 Concen: 24.06 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF089805.D
 Acq: 19 Aug 2016 19:34

Tgt Ion:172 Resp: 1162007
 Ion Ratio Lower Upper
 172 100
 171 35.2 30.5 45.7
 170 23.9 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: 0.01 ng

RT: 9.14 min Scan# 661

Delta R.T. -0.01 min

Lab File: BF089805.D

Acq: 19 Aug 2016 19:34

Instrument :

BNA_F

ClientSampled :

G-5

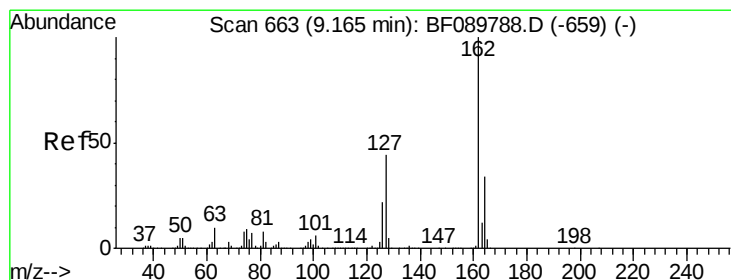
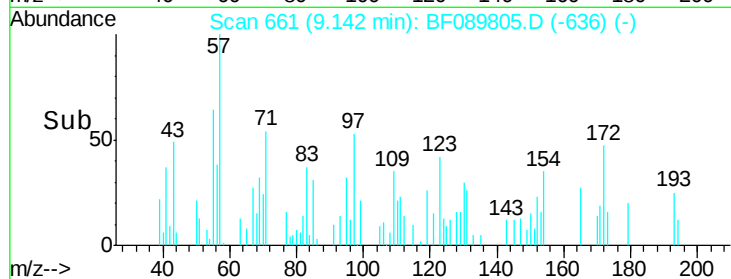
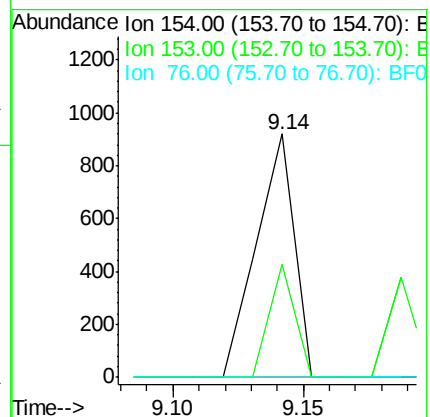
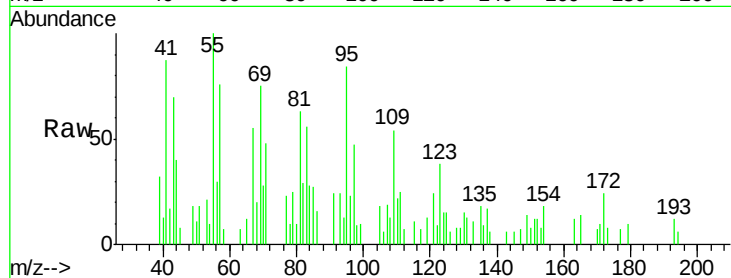
Tgt Ion:154 Resp: 938

Ion Ratio Lower Upper

154 100

153 46.3 21.5 61.5

76 0.0 0.0 36.7



#46

2-Chloronaphthalene

Concen: 0.02 ng

RT: 9.23 min Scan# 669

Delta R.T. 0.07 min

Lab File: BF089805.D

Acq: 19 Aug 2016 19:34

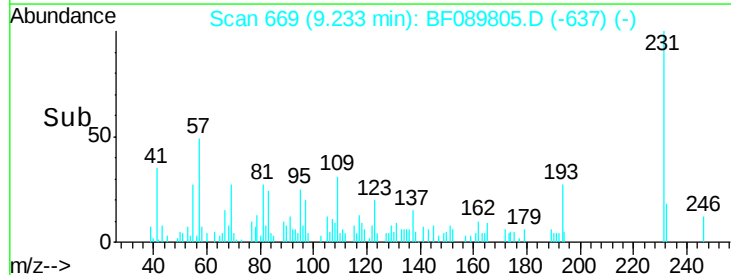
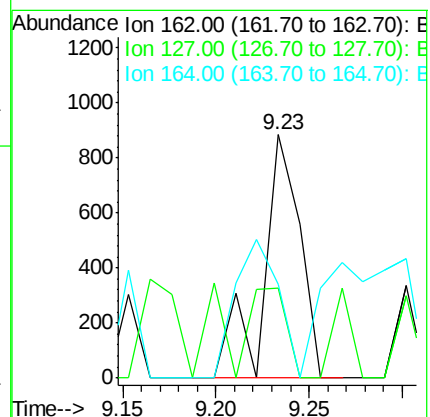
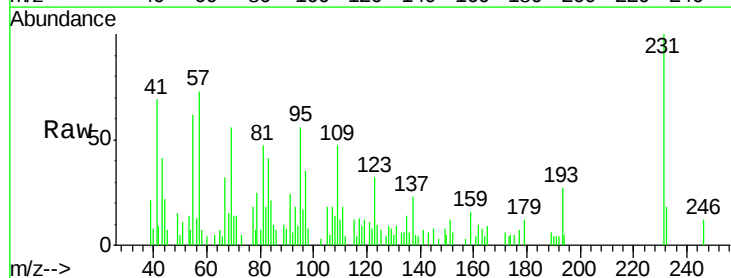
Tgt Ion:162 Resp: 1200

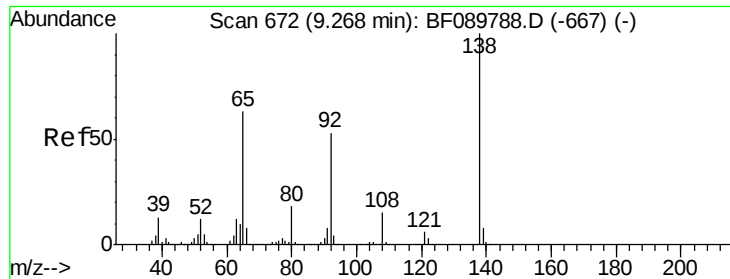
Ion Ratio Lower Upper

162 100

127 36.9 35.5 53.3

164 38.3 26.6 40.0





#47

2-Nitroaniline

Concen: 0.03 ng

RT: 9.26 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF089805.D

Acq: 19 Aug 2016 19:34

Instrument :

BNA_F

ClientSampled :

G-5

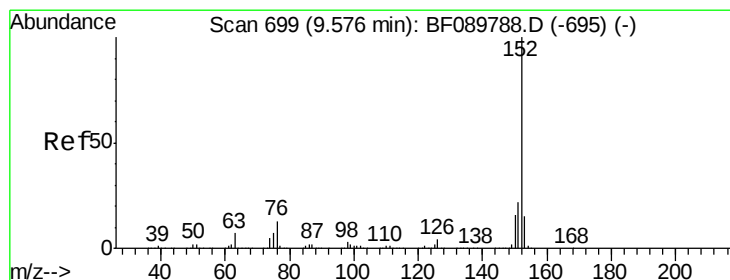
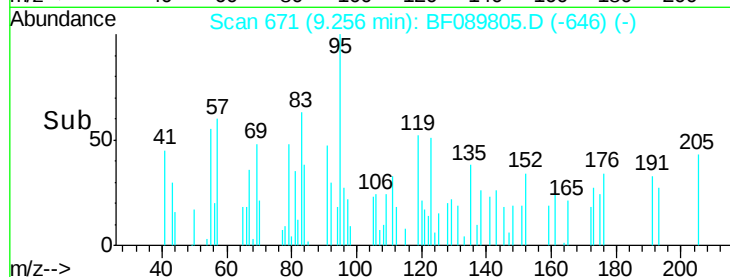
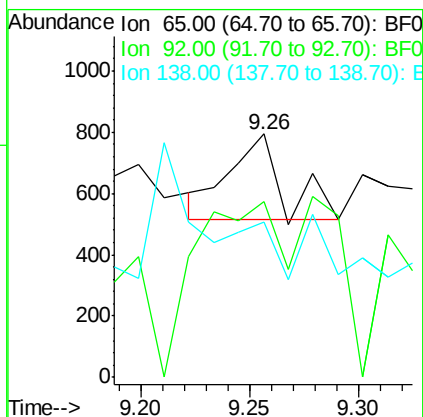
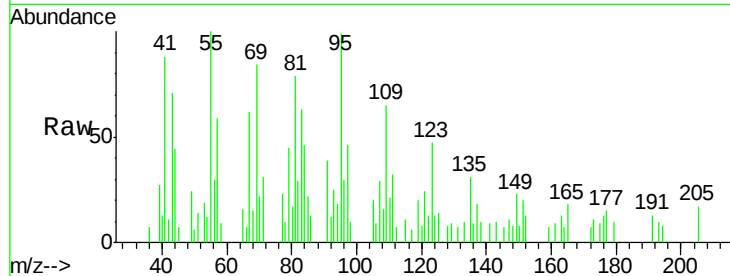
Tgt Ion: 65 Resp: 485

Ion Ratio Lower Upper

65 100

92 71.9 56.3 84.5

138 63.8 81.8 122.8#



#48

Acenaphthylene

Concen: 0.10 ng

RT: 9.58 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF089805.D

Acq: 19 Aug 2016 19:34

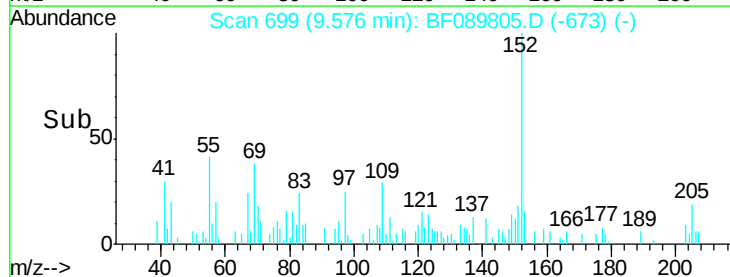
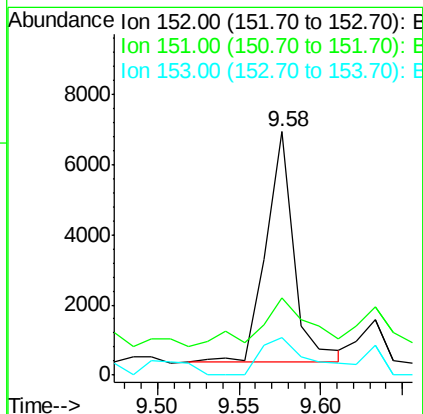
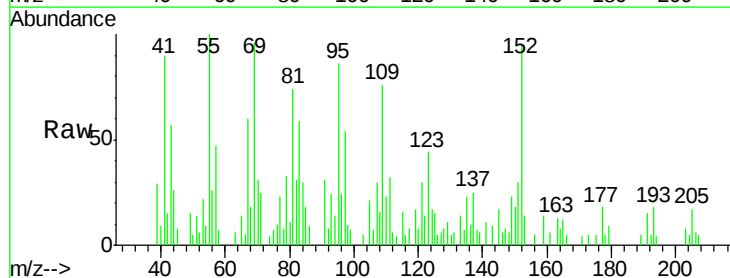
Tgt Ion: 152 Resp: 7925

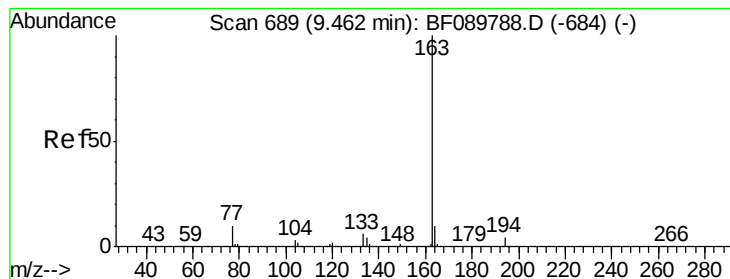
Ion Ratio Lower Upper

152 100

151 31.7 17.1 25.7#

153 15.3 11.2 16.8





#49

Dimethylphthalate

Concen: 6.39 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF089805.D

Acq: 19 Aug 2016 19:34

Instrument :

BNA_F

ClientSampleId :

G-5

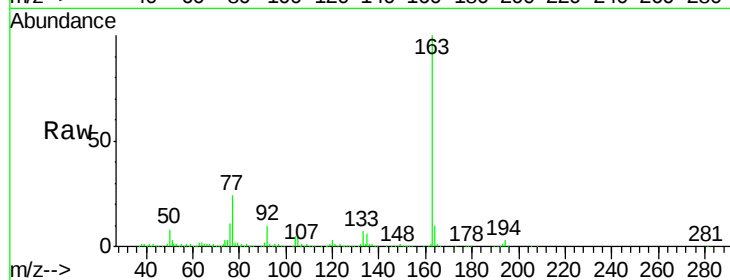
Tgt Ion:163 Resp: 381899

Ion Ratio Lower Upper

163 100

194 3.1 2.6 3.8

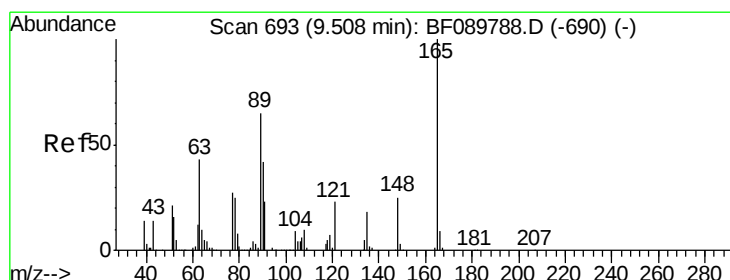
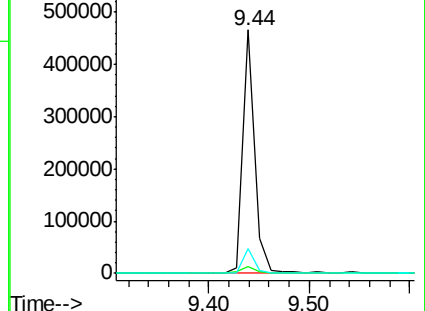
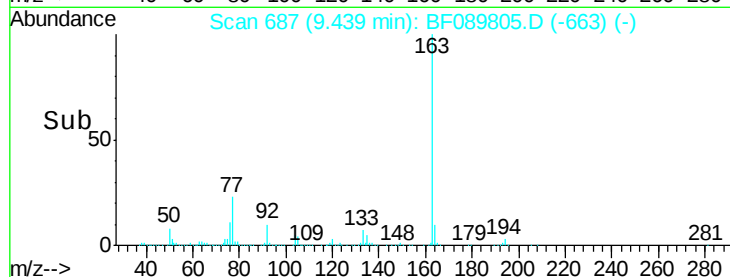
164 10.3 8.6 12.8



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: 0.35 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.07 min

Lab File: BF089805.D

Acq: 19 Aug 2016 19:34

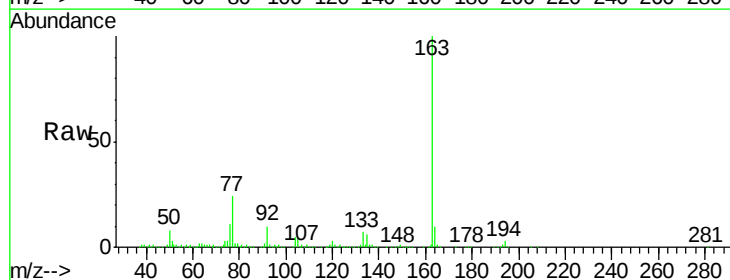
Tgt Ion:165 Resp: 4828

Ion Ratio Lower Upper

165 100

63 139.4 41.7 62.5#

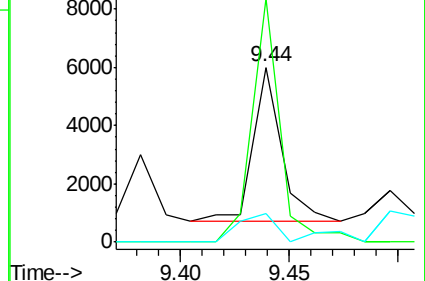
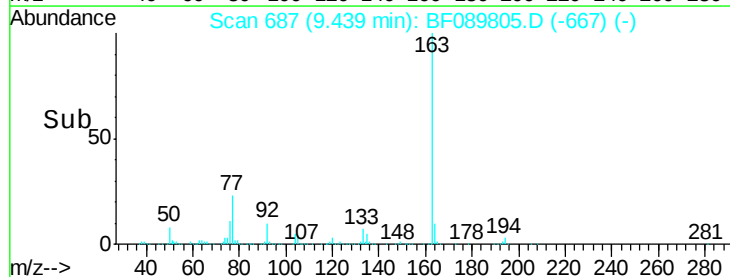
89 16.6 44.6 67.0#

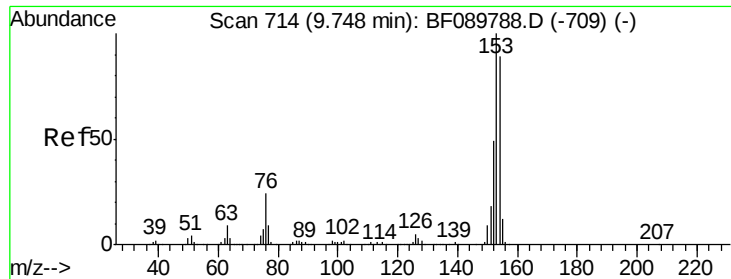


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 0.00 ng

RT: 9.78 min Scan# 717

Delta R.T. 0.03 min

Lab File: BF089805.D

Acq: 19 Aug 2016 19:34

Instrument :

BNA_F

ClientSampled :

G-5

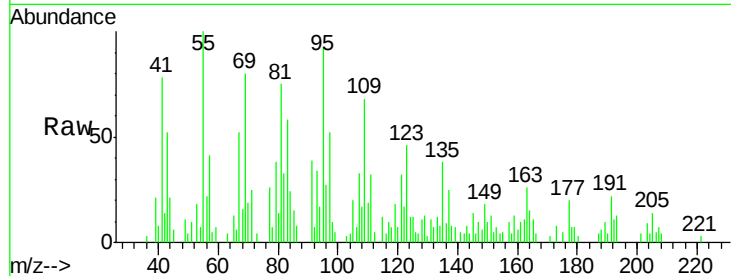
Tgt Ion:154 Resp: 242

Ion Ratio Lower Upper

154 100

153 189.5 90.5 135.7#

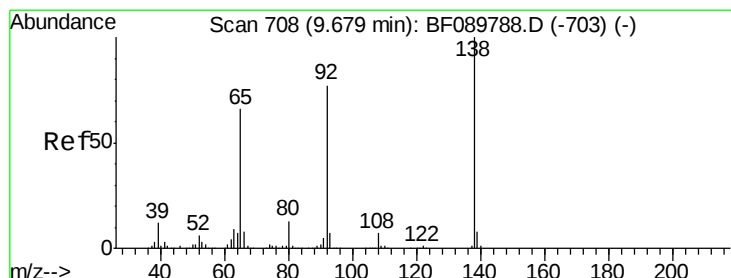
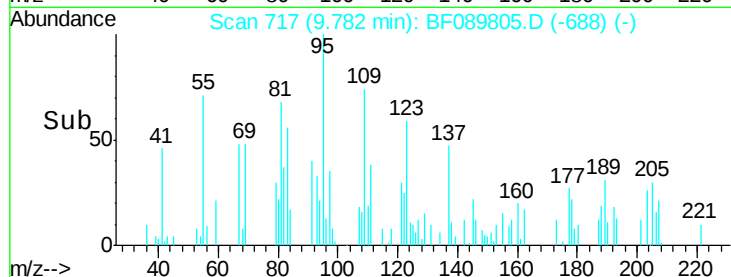
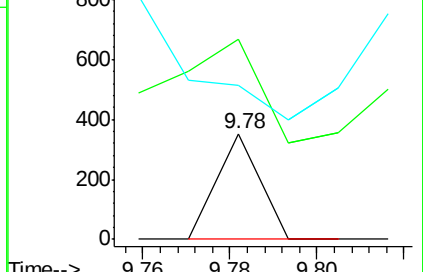
152 145.6 44.6 67.0#



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: 0.07 ng

RT: 9.67 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF089805.D

Acq: 19 Aug 2016 19:34

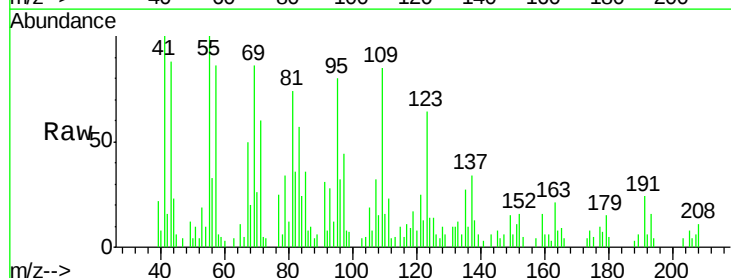
Tgt Ion:138 Resp: 1054

Ion Ratio Lower Upper

138 100

108 117.2 8.1 12.1#

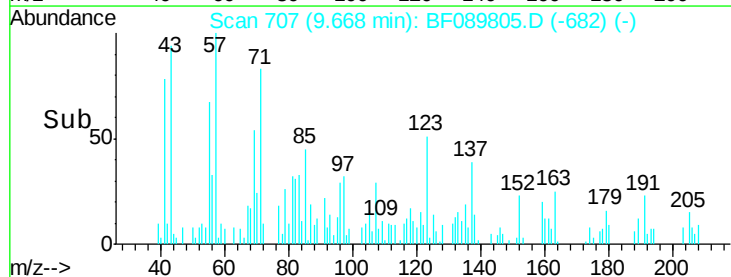
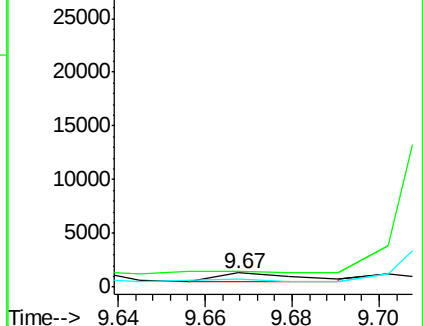
92 58.5 92.7 139.1#

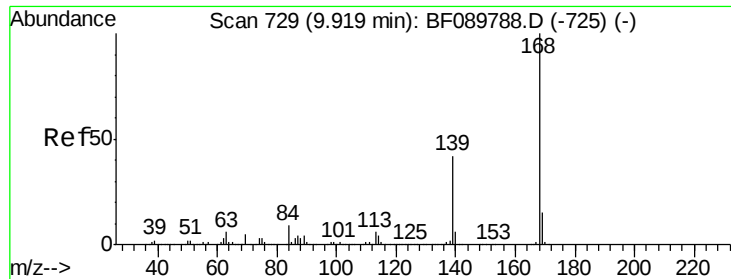


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

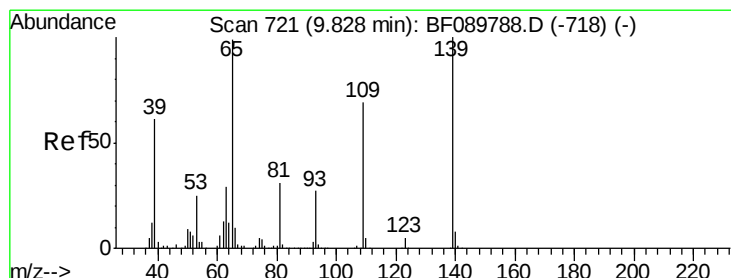
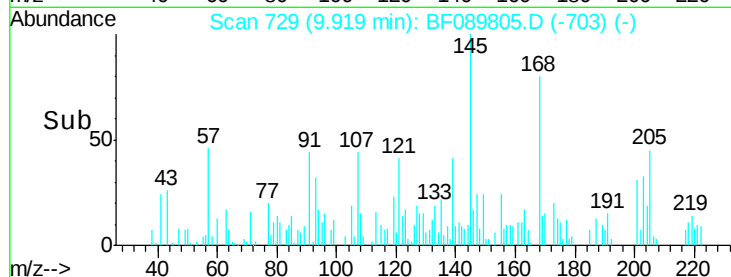
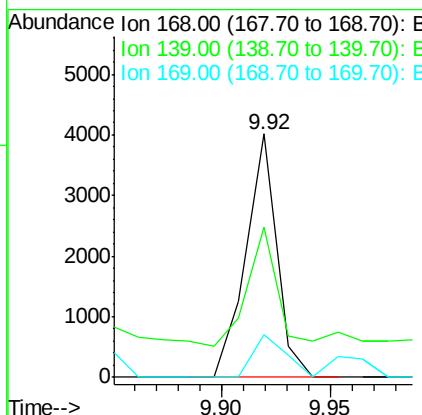
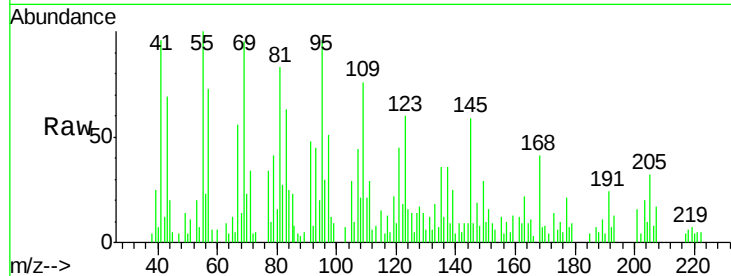




#54
Dibenzofuran
Concen: 0.06 ng
RT: 9.92 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF089805.D
Acq: 19 Aug 2016 19:34

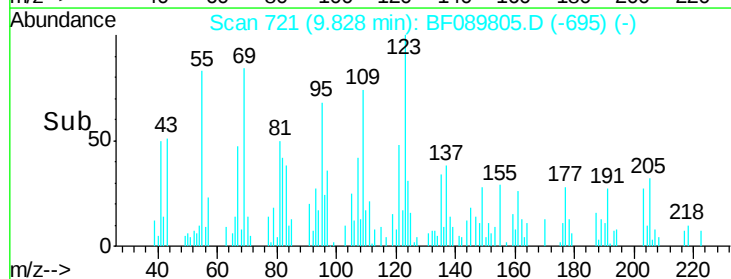
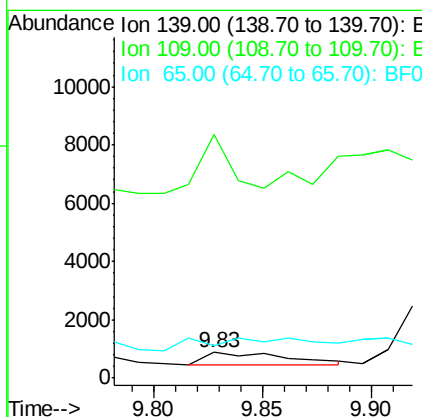
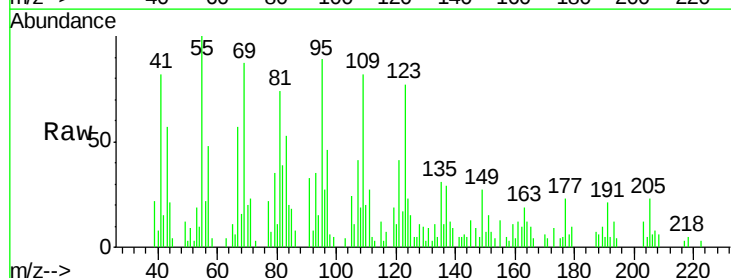
Instrument :
BNA_F
ClientSampled :
G-5

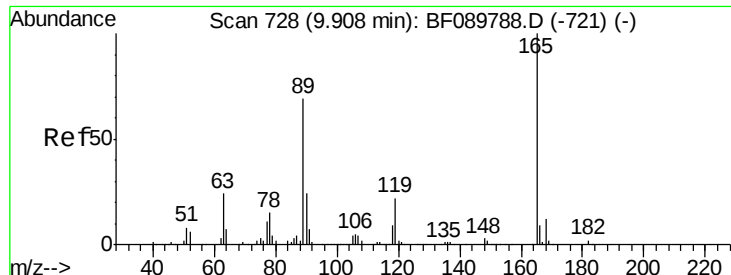
Tgt Ion:168 Resp: 3967
Ion Ratio Lower Upper
168 100
139 61.6 34.6 52.0#
169 17.6 11.5 17.3#



#55
4-Nitrophenol
Concen: 0.09 ng
RT: 9.83 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF089805.D
Acq: 19 Aug 2016 19:34

Tgt Ion:139 Resp: 1153
Ion Ratio Lower Upper
139 100
109 959.1 43.0 83.0#
65 126.8 55.7 95.7#

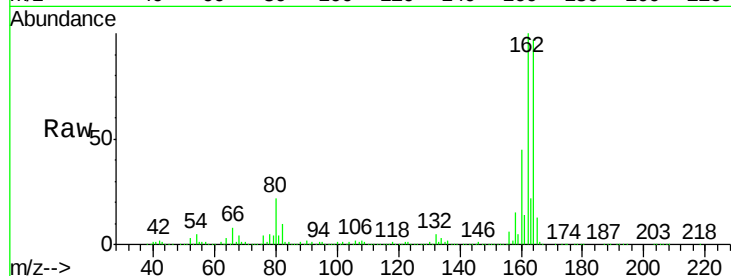




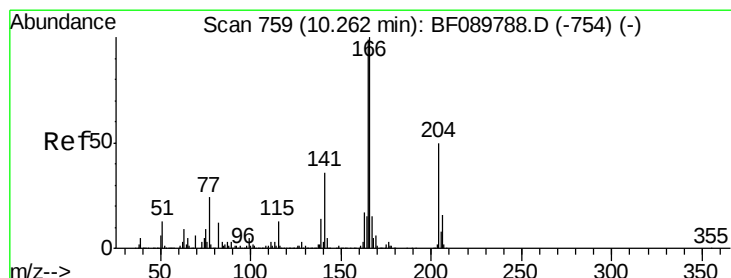
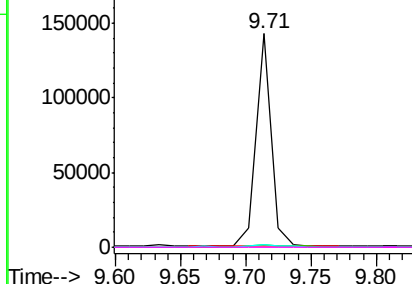
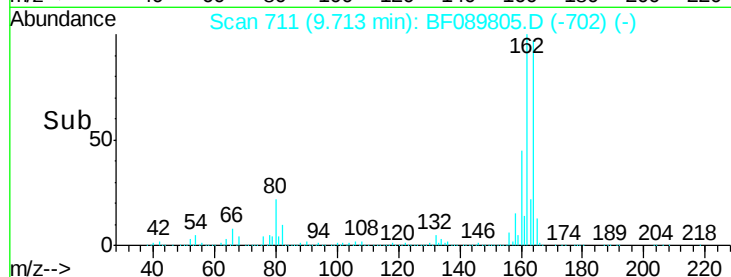
#56
2,4-Dinitrotoluene
Concen: 6.46 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.19 min
Lab File: BF089805.D
Acq: 19 Aug 2016 19:34

Instrument :
BNA_F
ClientSampleId :
G-5

Tgt Ion:165 Resp: 115577
Ion Ratio Lower Upper
165 100
63 1.1 23.7 35.5#
89 1.2 44.0 66.0#
182 0.0 2.0 3.0#

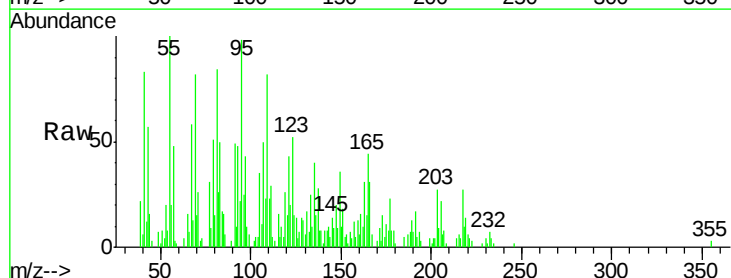


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

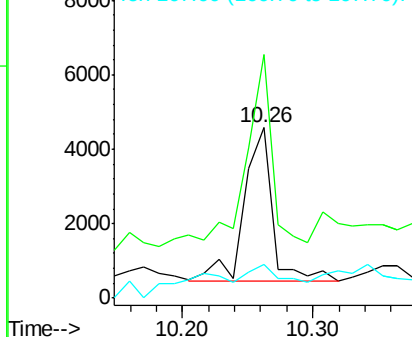
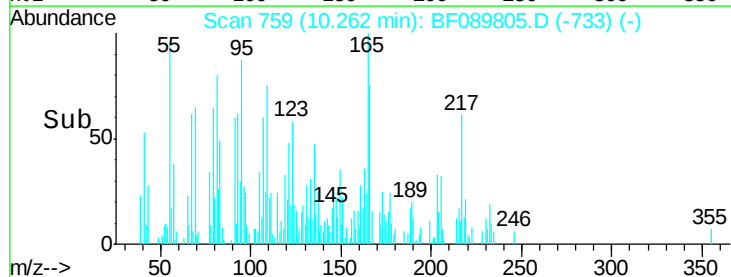


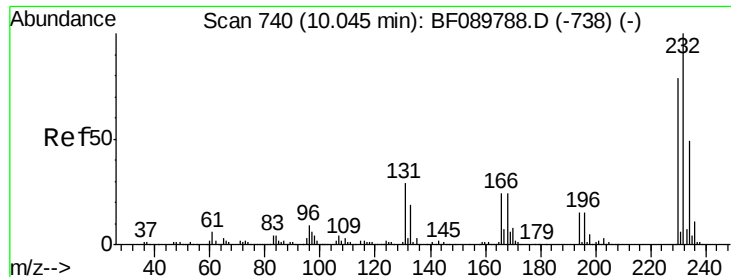
#57
Fluorene
Concen: 0.12 ng
RT: 10.26 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF089805.D
Acq: 19 Aug 2016 19:34

Tgt Ion:166 Resp: 6268
Ion Ratio Lower Upper
166 100
165 143.0 80.2 120.4#
167 19.7 11.3 16.9#



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

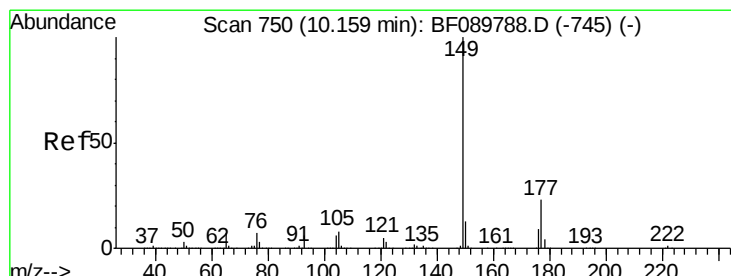
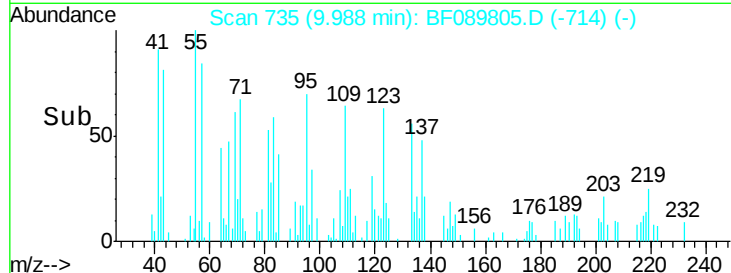
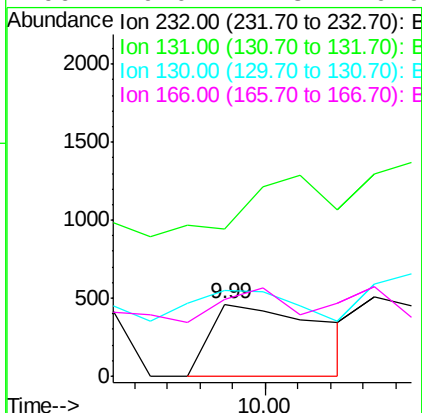
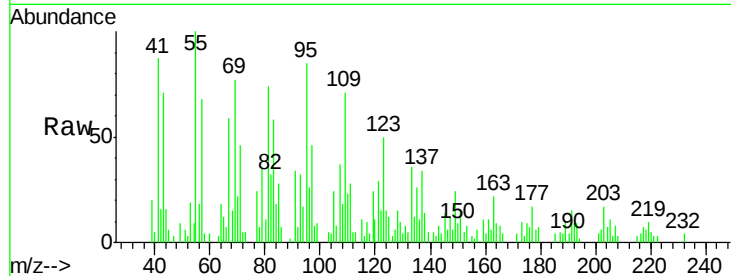




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 0.09 ng
 RT: 9.99 min Scan# 735
 Delta R.T. -0.06 min
 Lab File: BF089805.D
 Acq: 19 Aug 2016 19:34

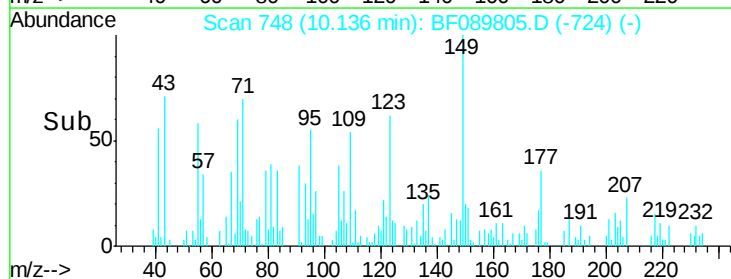
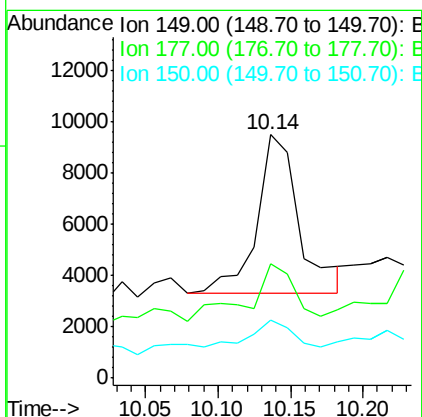
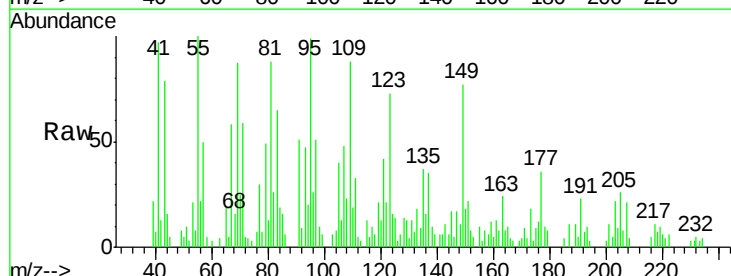
Instrument :
 BNA_F
 ClientSampleId :
 G-5

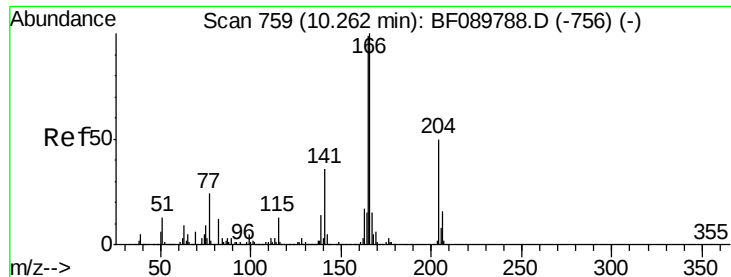
Tgt Ion:	232	Resp:	1083
Ion	Ratio	Lower	Upper
232	100		
131	0.0	42.5	63.7#
130	65.2	2.2	3.4#
166	0.0	27.3	40.9#



#59
 Diethylphthalate
 Concen: 0.21 ng
 RT: 10.14 min Scan# 748
 Delta R.T. -0.02 min
 Lab File: BF089805.D
 Acq: 19 Aug 2016 19:34

Tgt Ion:	149	Resp:	12615
Ion	Ratio	Lower	Upper
149	100		
177	46.8	16.6	25.0#
150	24.0	10.5	15.7#





#60

4-Chlorophenyl-phenylether

Concen: 0.08 ng

RT: 10.27 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF089805.D

Acq: 19 Aug 2016 19:34

Instrument :

BNA_F

ClientSampled :

G-5

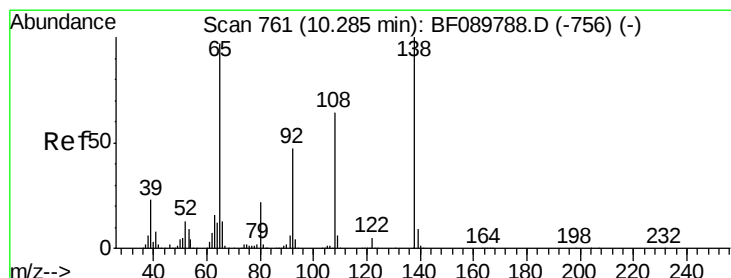
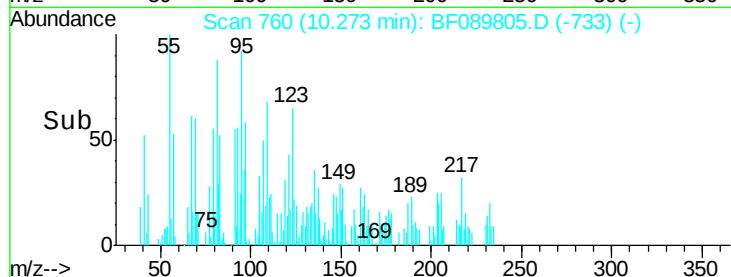
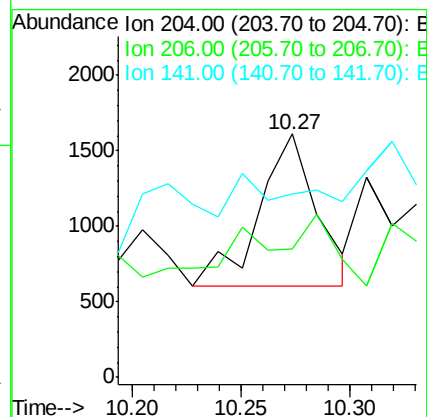
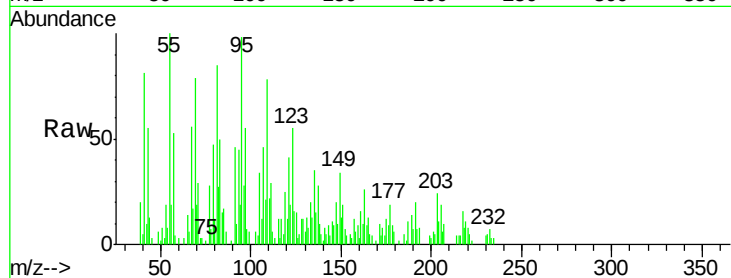
Tgt Ion: 204 Resp: 1881

Ion Ratio Lower Upper

204 100

206 52.7 26.5 39.7#

141 75.6 54.1 81.1



#61

4-Nitroaniline

Concen: 0.13 ng

RT: 10.22 min Scan# 755

Delta R.T. -0.07 min

Lab File: BF089805.D

Acq: 19 Aug 2016 19:34

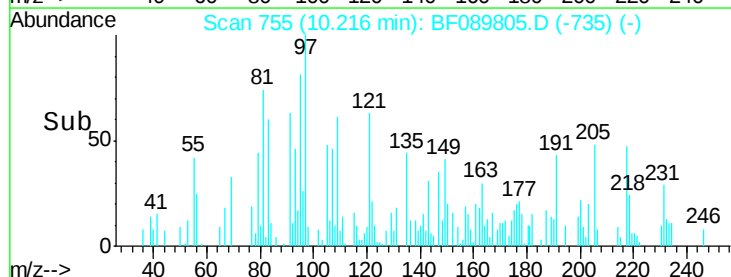
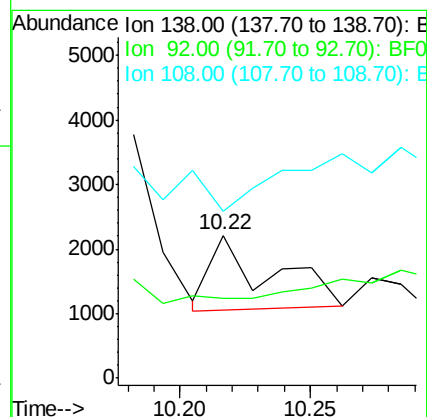
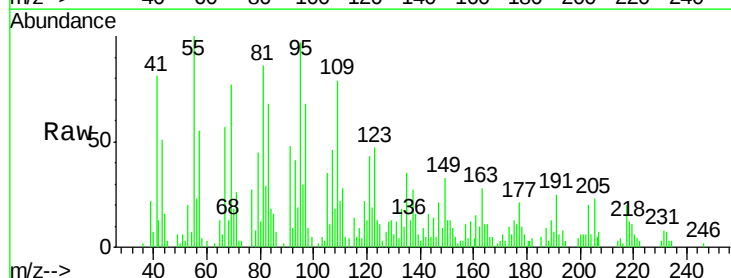
Tgt Ion: 138 Resp: 1861

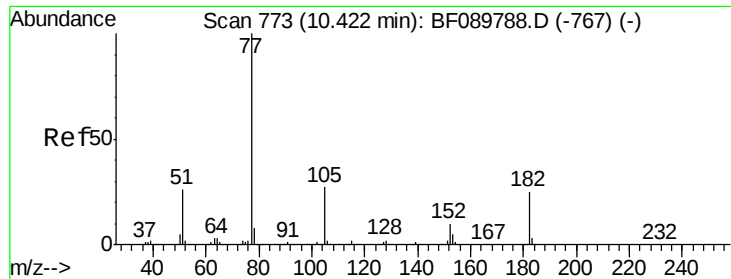
Ion Ratio Lower Upper

138 100

92 55.8 26.4 66.4

108 116.3 47.0 87.0#





#62

Azobenzene

Concen: 0.09 ng

RT: 10.42 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF089805.D

Acq: 19 Aug 2016 19:34

Instrument :

BNA_F

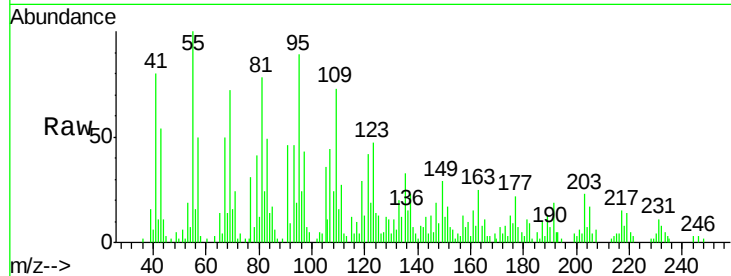
ClientSampled :

G-5

Tgt Ion: 77 Resp: 5383

Ion Ratio Lower Upper

77	100		
182	29.0	5.6	45.6
105	116.4	4.0	44.0
51	21.1	7.8	47.8

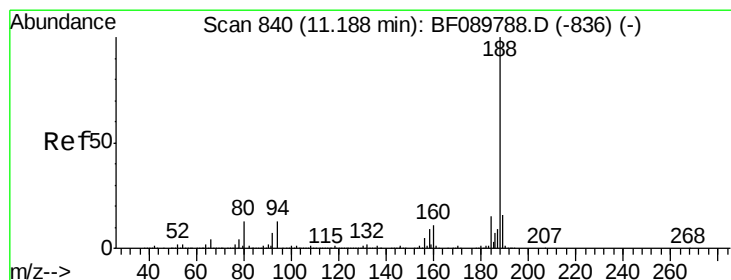
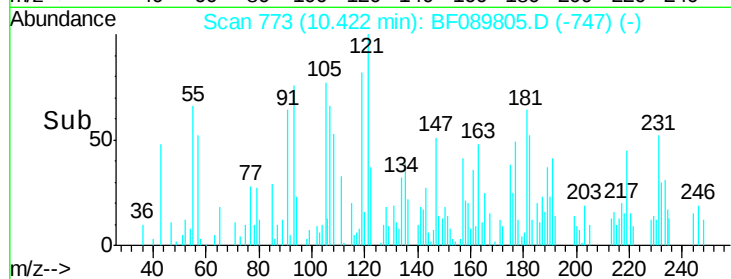
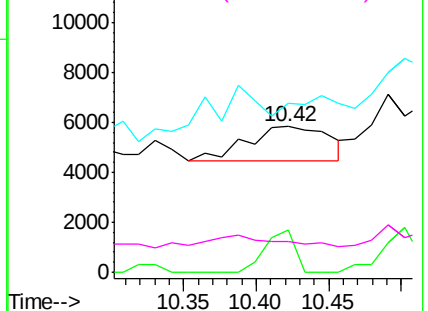


Abundance Ion 77.00 (76.70 to 77.70): BF0

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

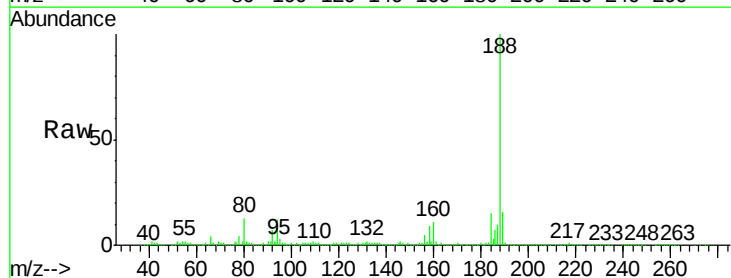
Lab File: BF089805.D

Acq: 19 Aug 2016 19:34

Tgt Ion: 188 Resp: 1303521

Ion Ratio Lower Upper

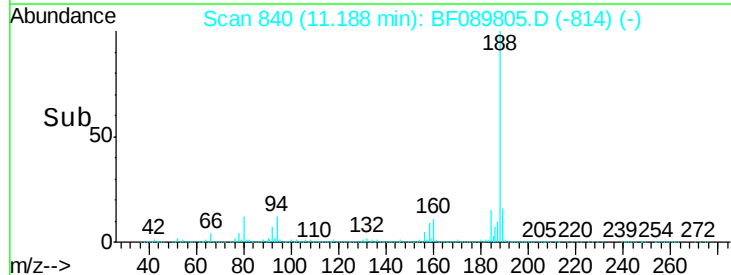
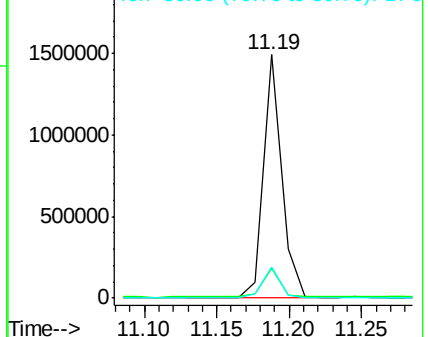
188	100		
94	12.4	10.2	15.2
80	12.7	10.9	16.3

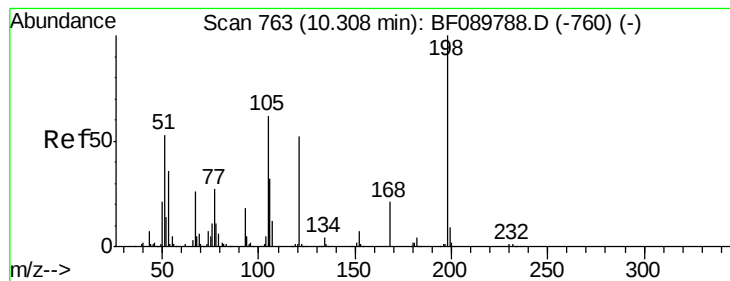


Abundance Ion 188.00 (187.70 to 188.70): E

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: 0.05 ng

RT: 10.49 min Scan# 779

Delta R.T. 0.18 min

Lab File: BF089805.D

Acq: 19 Aug 2016 19:34

Instrument :

BNA_F

ClientSampleId :

G-5

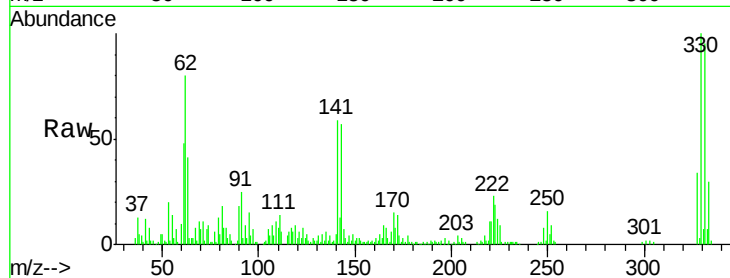
Tgt Ion:198 Resp: 363

Ion Ratio Lower Upper

198 100

51 361.9 32.3 72.3#

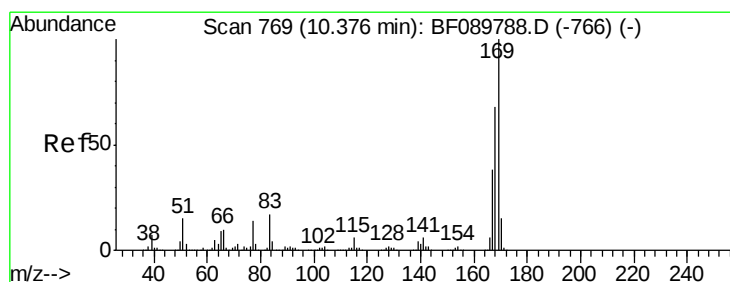
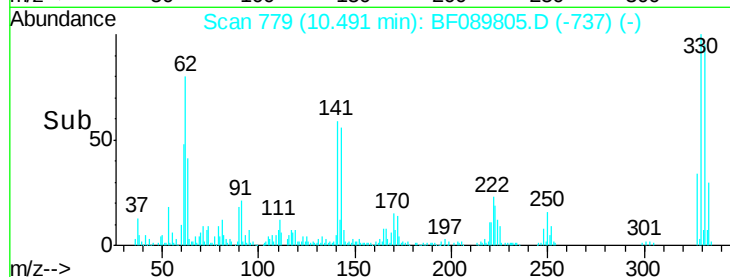
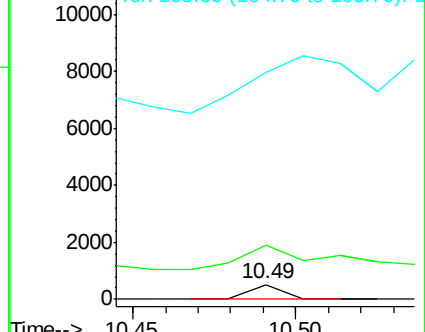
105 1507.5 32.9 72.9#



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: 0.09 ng

RT: 10.38 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF089805.D

Acq: 19 Aug 2016 19:34

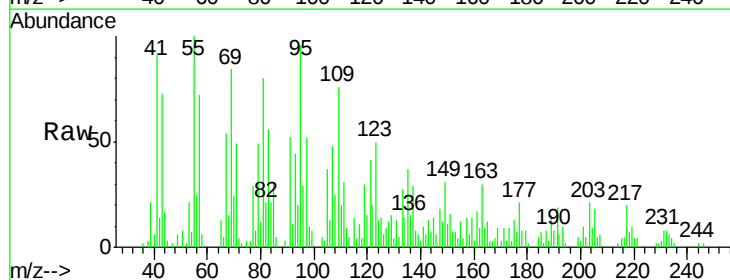
Tgt Ion:169 Resp: 3679

Ion Ratio Lower Upper

169 100

168 39.4 54.6 82.0#

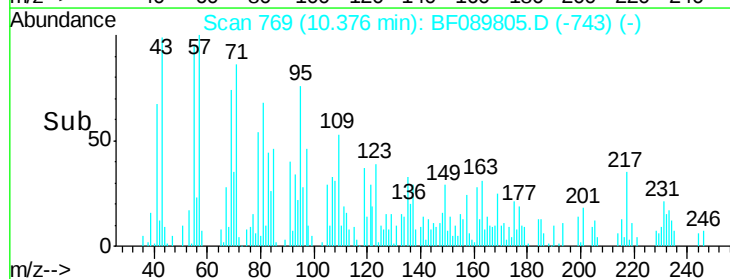
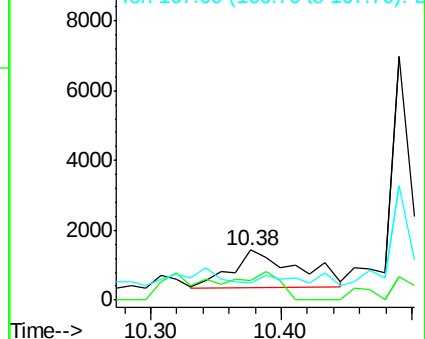
167 34.1 30.6 45.8

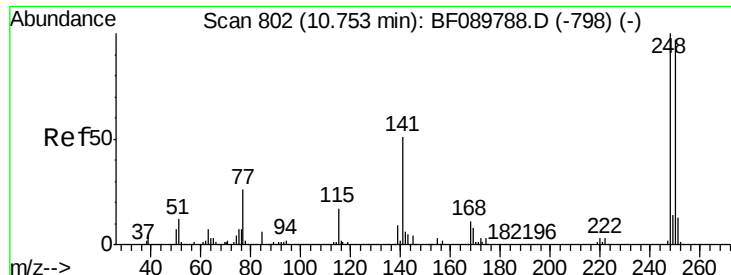


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

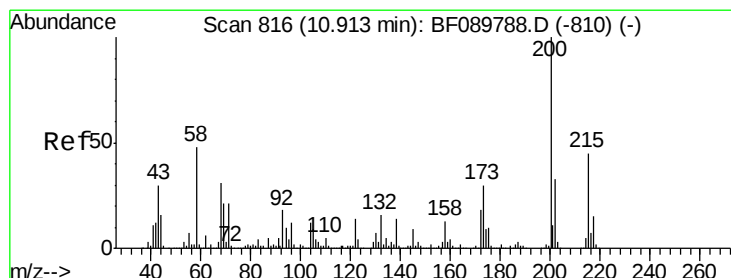
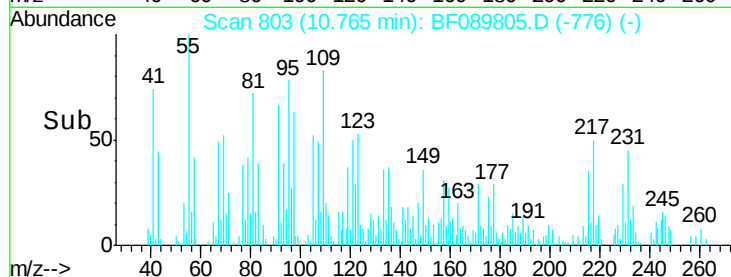
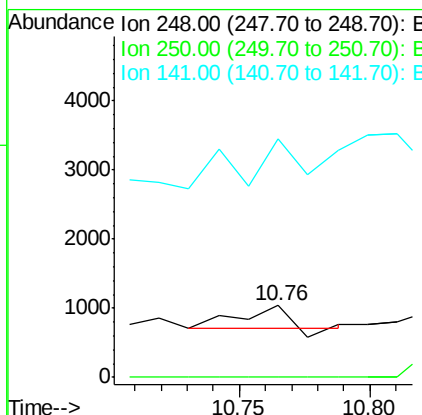
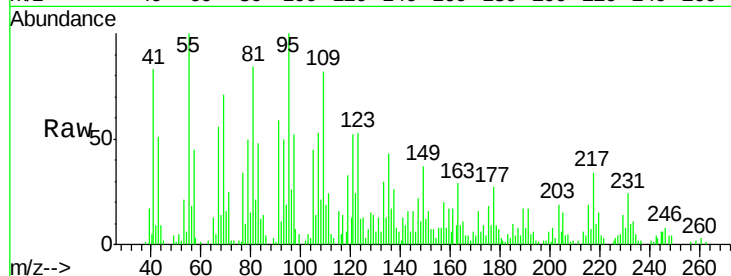




#66
4-Bromophenyl-phenylether
Concen: 0.03 ng
RT: 10.76 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF089805.D
Acq: 19 Aug 2016 19:34

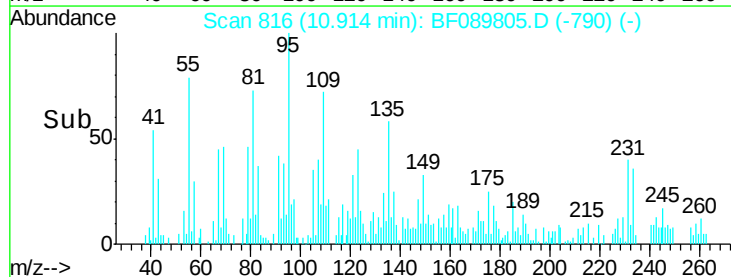
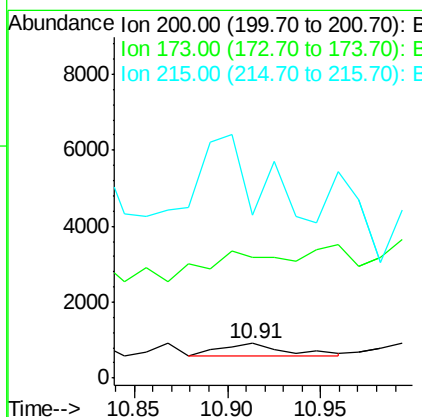
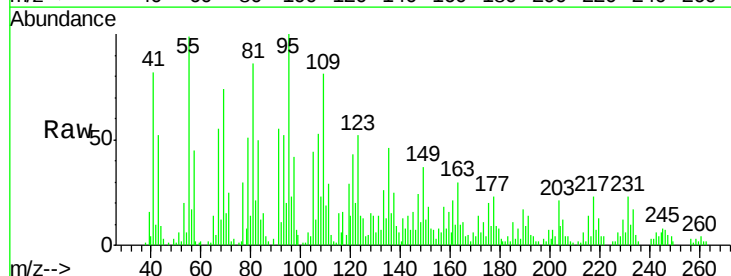
Instrument :
BNA_F
ClientSampleId :
G-5

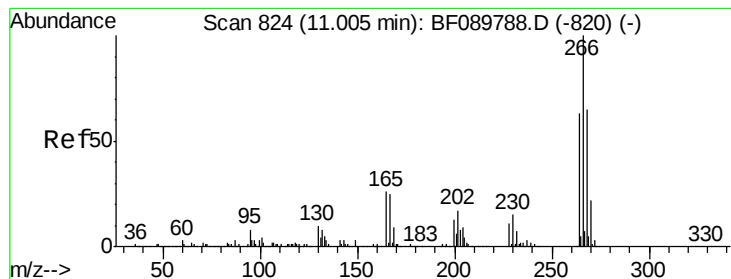
Tgt Ion:248 Resp: 405
Ion Ratio Lower Upper
248 100
250 0.0 78.6 117.8#
141 334.1 31.4 47.2#



#68
Atrazine
Concen: 0.06 ng
RT: 10.91 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF089805.D
Acq: 19 Aug 2016 19:34

Tgt Ion:200 Resp: 758
Ion Ratio Lower Upper
200 100
173 348.6 6.6 46.6#
215 467.8 24.7 64.7#





#69

Pentachlorophenol

Concen: 0.03 ng

RT: 10.99 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF089805.D

Acq: 19 Aug 2016 19:34

Instrument :

BNA_F

ClientSampled :

G-5

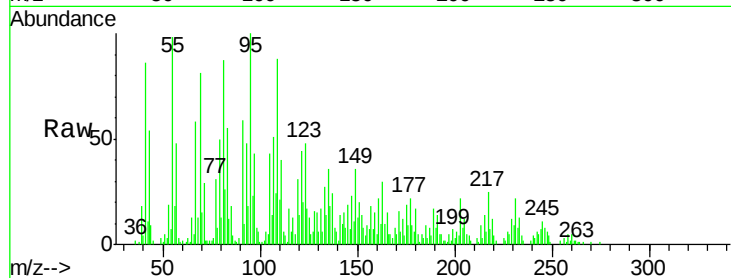
Tgt Ion:266 Resp: 241

Ion Ratio Lower Upper

266 100

268 0.0 53.2 79.8#

264 98.9 51.1 76.7#

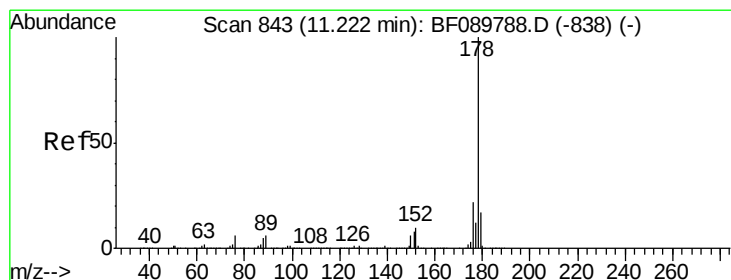
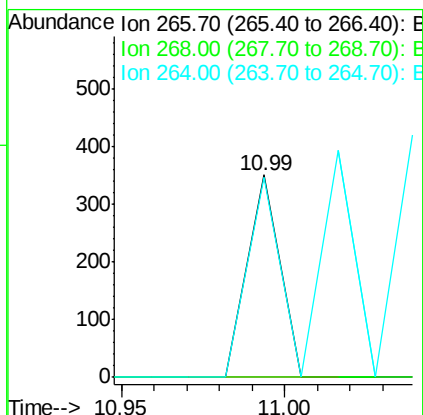
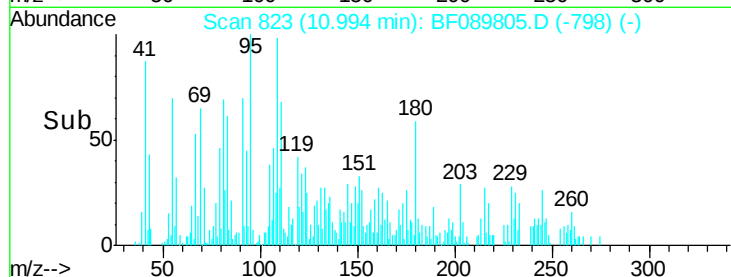


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

Time-->



#70

Phenanthrene

Concen: 1.13 ng

RT: 11.21 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF089805.D

Acq: 19 Aug 2016 19:34

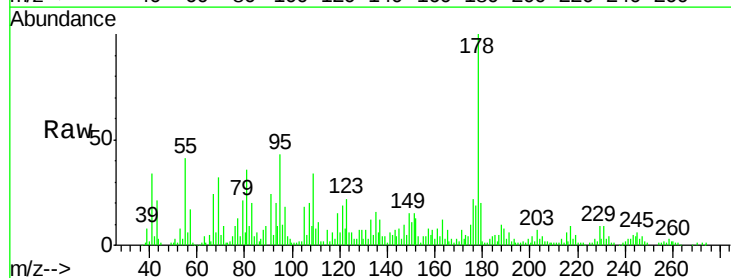
Tgt Ion:178 Resp: 74403

Ion Ratio Lower Upper

178 100

176 22.0 16.4 24.6

179 19.7 12.5 18.7#

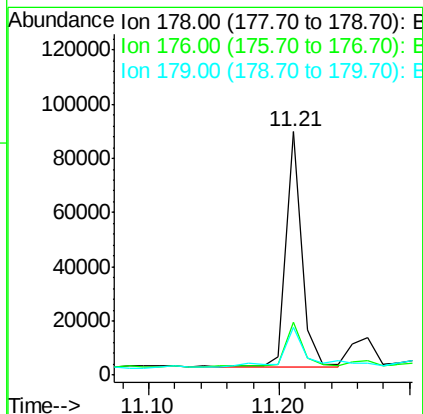
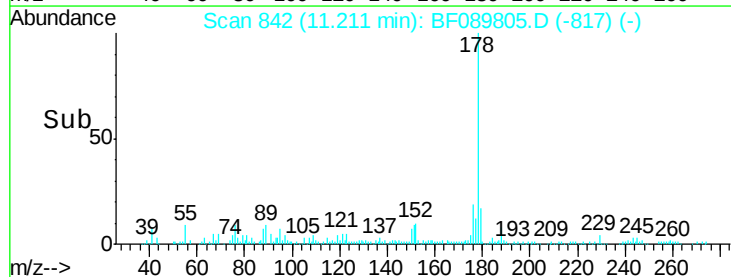


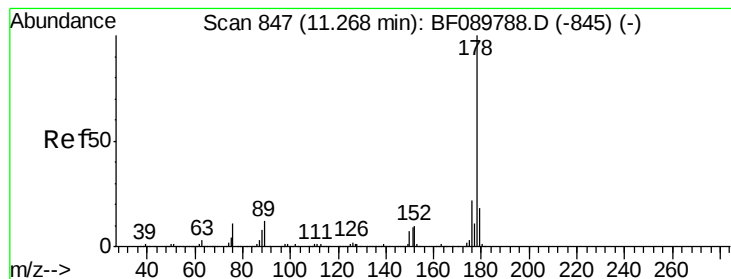
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

Time-->





#71

Anthracene

Concen: 1.11 ng

RT: 11.21 min Scan# 842

Delta R.T. -0.06 min

Lab File: BF089805.D

Acq: 19 Aug 2016 19:34

Instrument :

BNA_F

ClientSampleId :

G-5

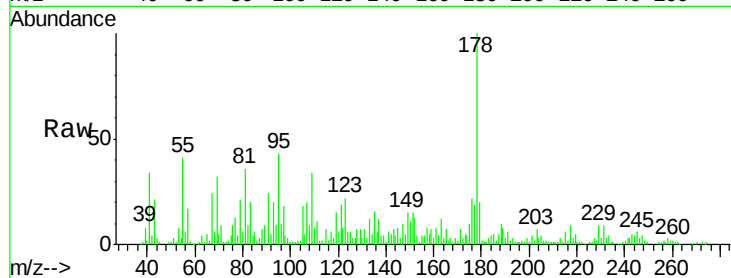
Tgt Ion:178 Resp: 74403

Ion Ratio Lower Upper

178 100

176 22.0 16.4 24.6

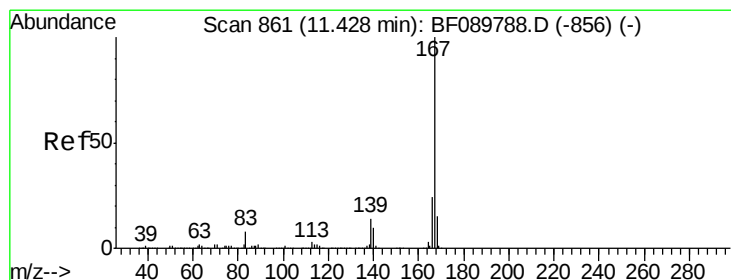
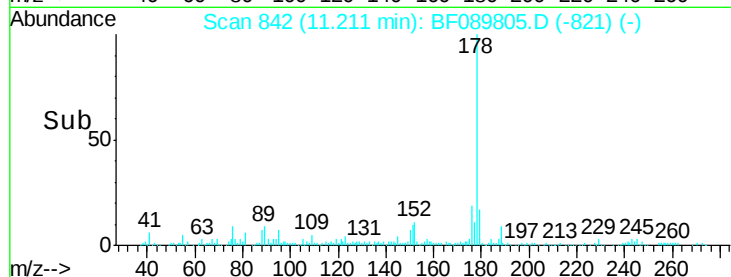
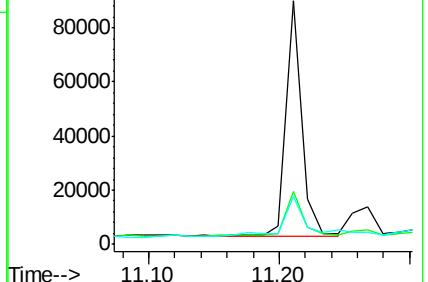
179 19.7 13.1 19.7



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: 0.14 ng

RT: 11.42 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF089805.D

Acq: 19 Aug 2016 19:34

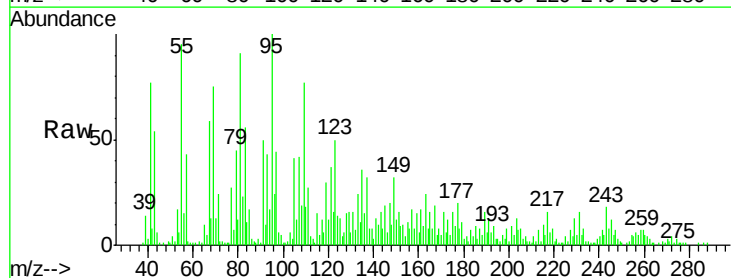
Tgt Ion:167 Resp: 8511

Ion Ratio Lower Upper

167 100

166 42.5 17.9 26.9#

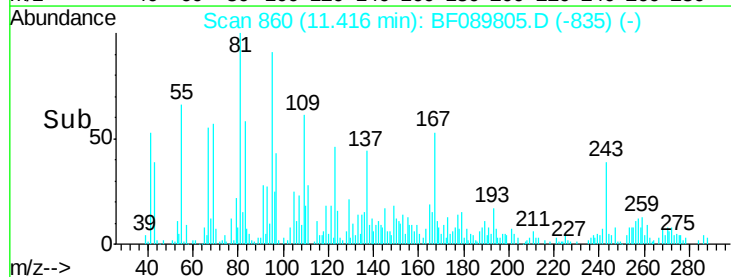
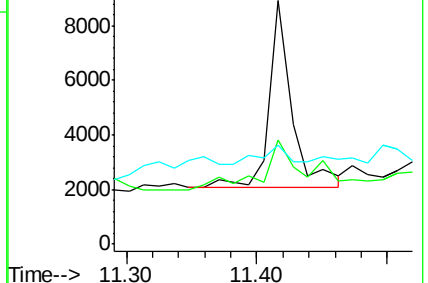
139 40.5 12.4 18.6#

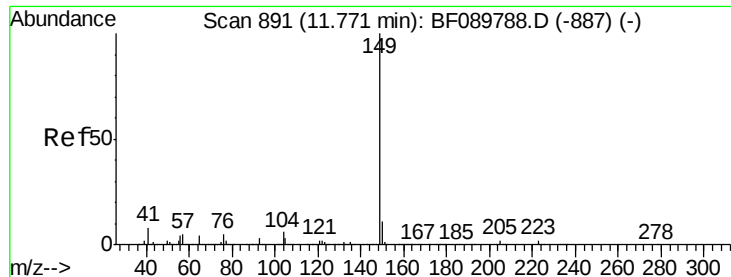


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 0.55 ng

RT: 11.77 min Scan# 891

Delta R.T. 0.00 min

Lab File: BF089805.D

Acq: 19 Aug 2016 19:34

Instrument :

BNA_F

ClientSampleId :

G-5

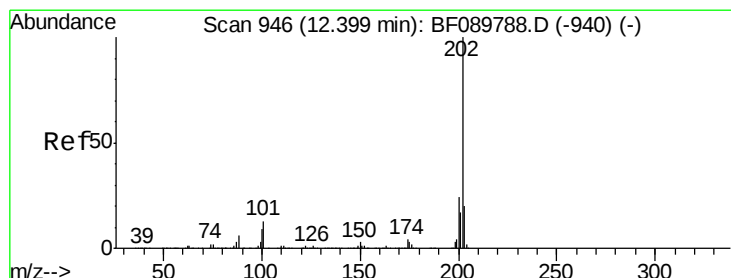
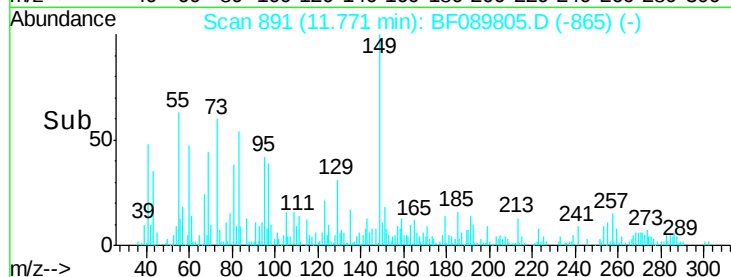
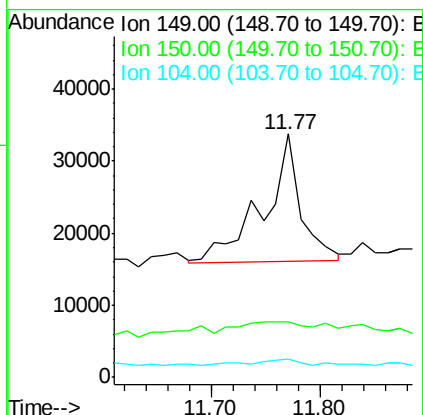
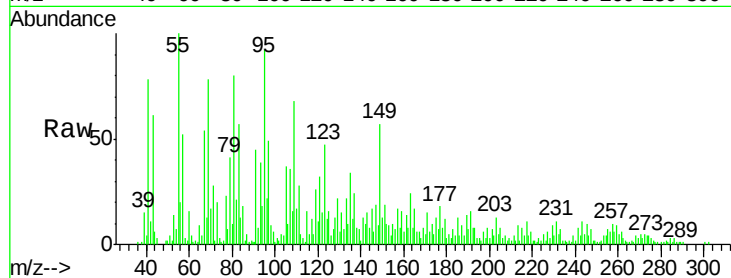
Tgt Ion:149 Resp: 41531

Ion Ratio Lower Upper

149 100

150 22.9 7.9 11.9#

104 7.4 4.3 6.5#



#74

Fluoranthene

Concen: 1.28 ng

RT: 12.39 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF089805.D

Acq: 19 Aug 2016 19:34

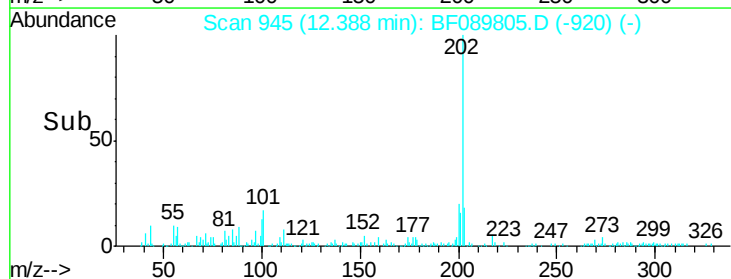
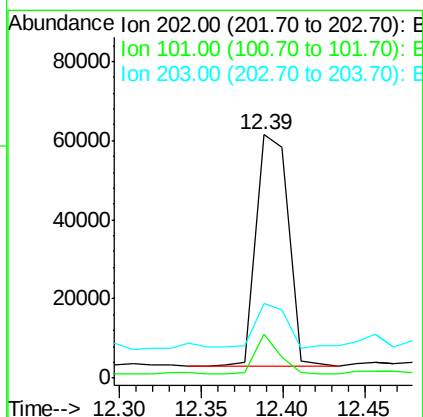
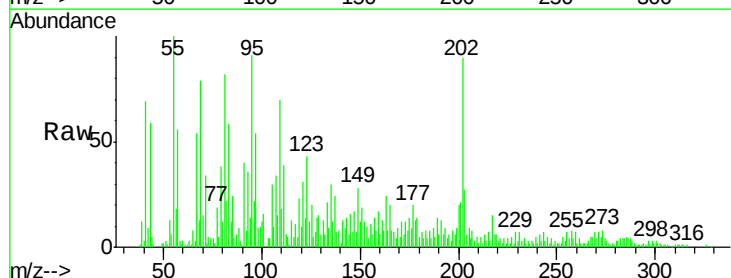
Tgt Ion:202 Resp: 80401

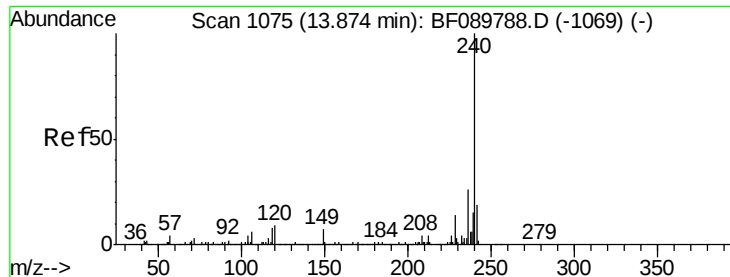
Ion Ratio Lower Upper

202 100

101 17.9 0.0 31.2

203 30.6 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1073

Delta R.T. -0.02 min

Lab File: BF089805.D

Acq: 19 Aug 2016 19:34

Instrument :

BNA_F

ClientSampleId :

G-5

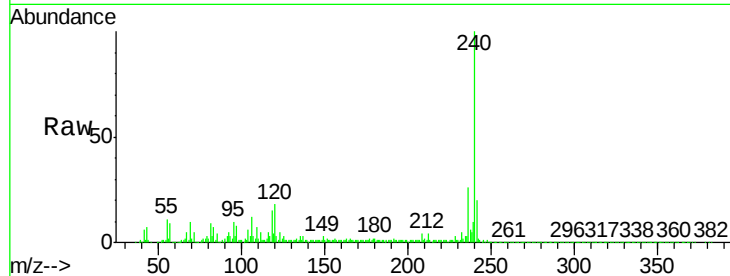
Tgt Ion:240 Resp: 942331

Ion Ratio Lower Upper

240 100

120 17.7 8.3 12.5#

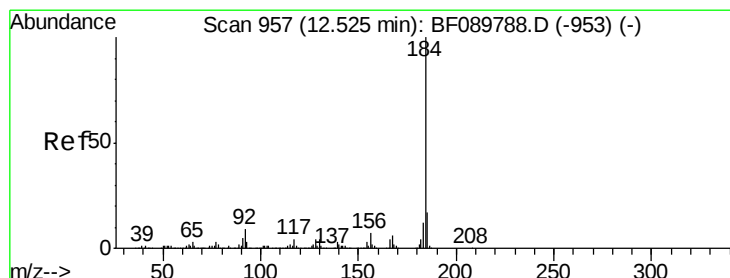
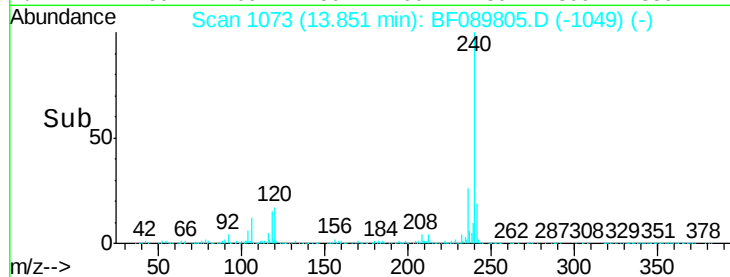
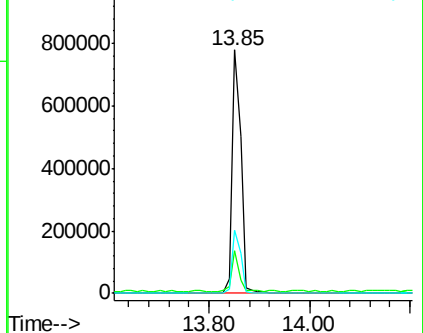
236 25.8 21.3 31.9



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: 0.03 ng

RT: 12.51 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF089805.D

Acq: 19 Aug 2016 19:34

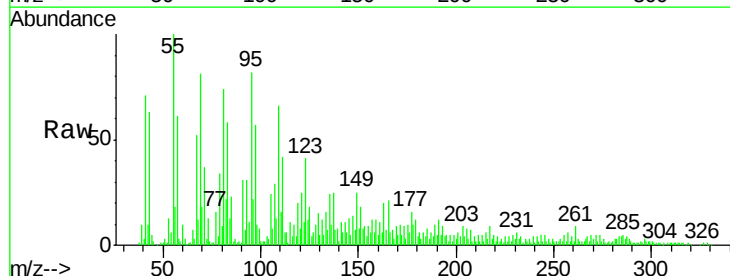
Tgt Ion:184 Resp: 933

Ion Ratio Lower Upper

184 100

185 221.8 13.8 20.8#

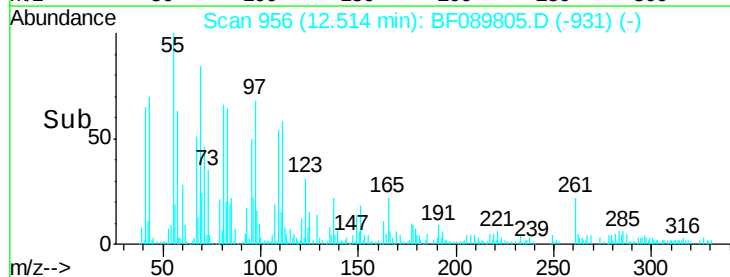
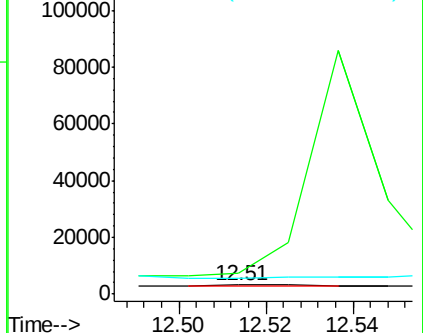
183 164.7 9.7 14.5#

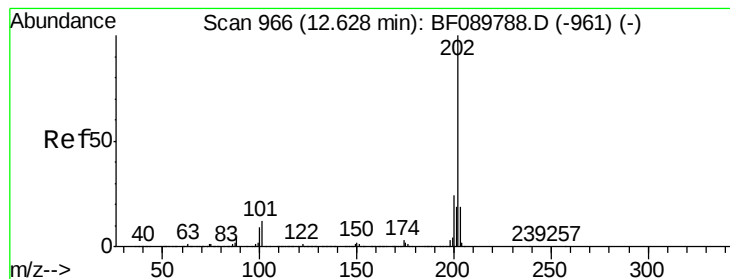


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 0.92 ng

RT: 12.62 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF089805.D

Acq: 19 Aug 2016 19:34

Instrument :

BNA_F

ClientSampleId :

G-5

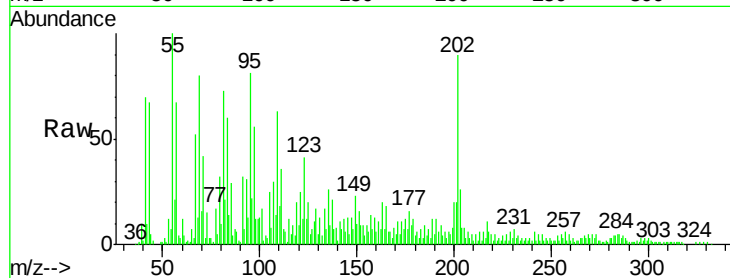
Tgt Ion:202 Resp: 70315

Ion Ratio Lower Upper

202 100

200 22.7 17.8 26.6

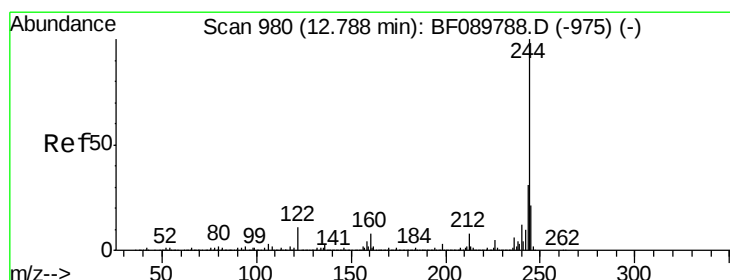
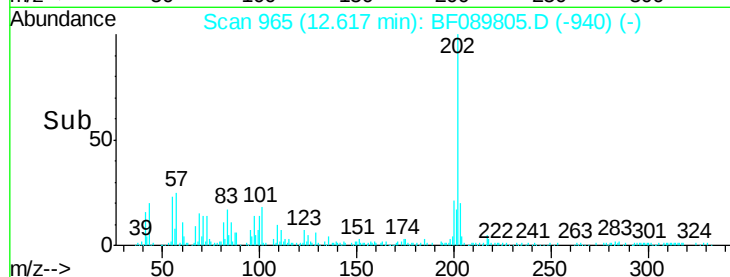
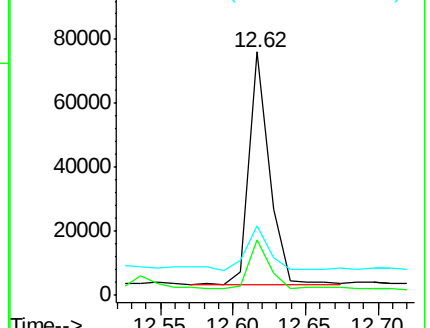
203 28.8 14.2 21.4#



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: 16.78 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF089805.D

Acq: 19 Aug 2016 19:34

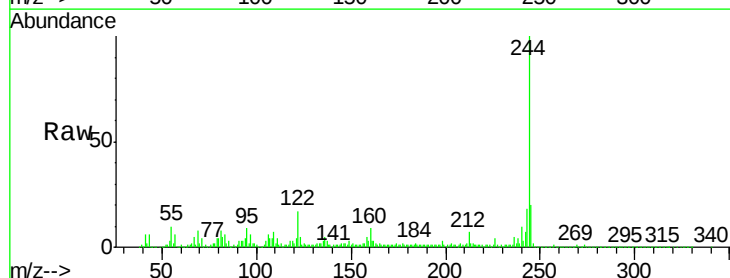
Tgt Ion:244 Resp: 698829

Ion Ratio Lower Upper

244 100

212 7.4 6.3 9.5

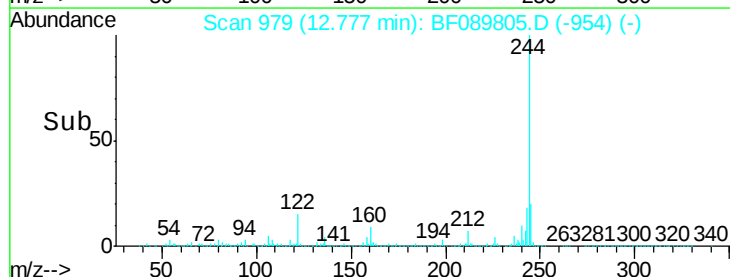
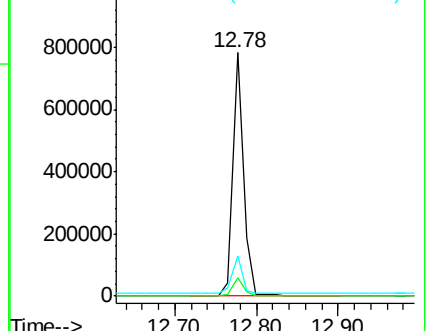
122 16.5 12.0 18.0

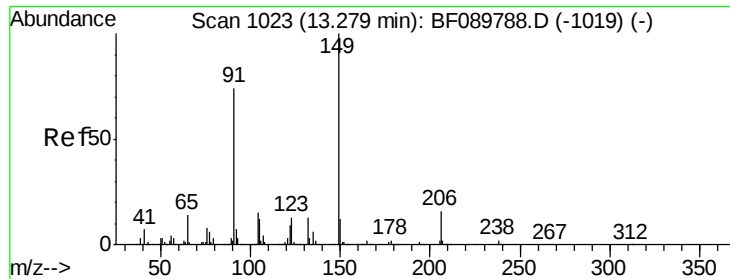


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

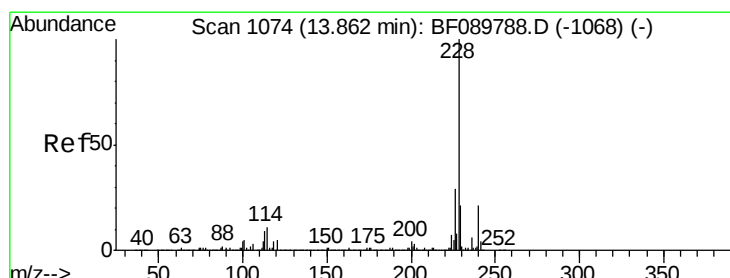
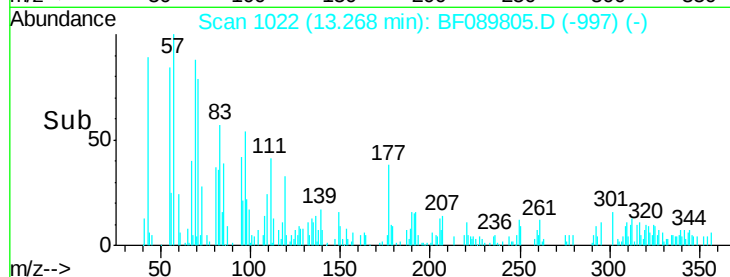
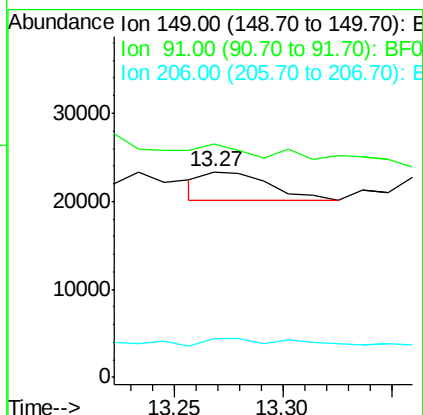
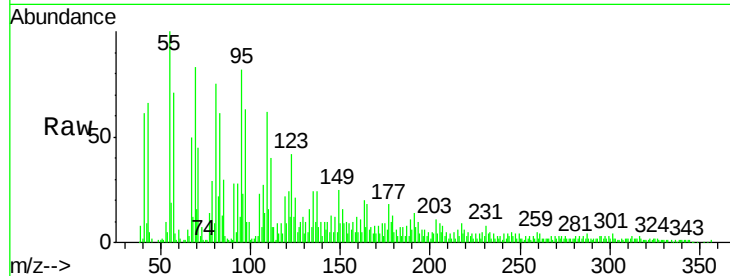




#79
Butylbenzylphthalate
Concen: 0.19 ng
RT: 13.27 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF089805.D
Acq: 19 Aug 2016 19:34

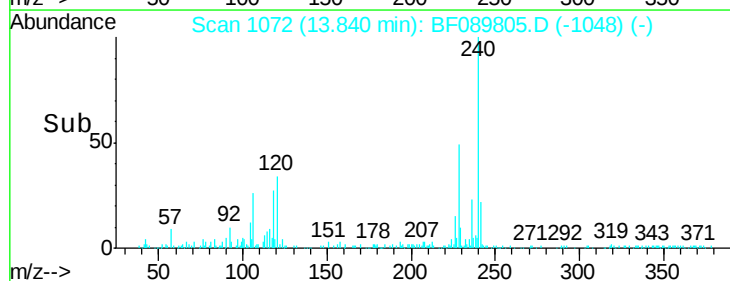
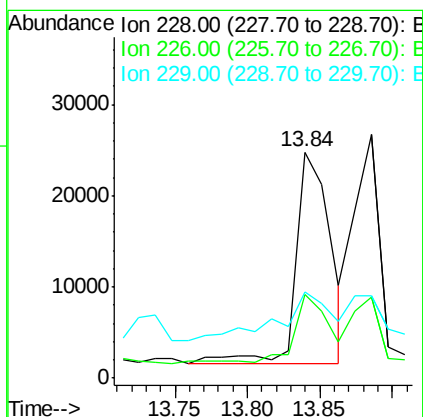
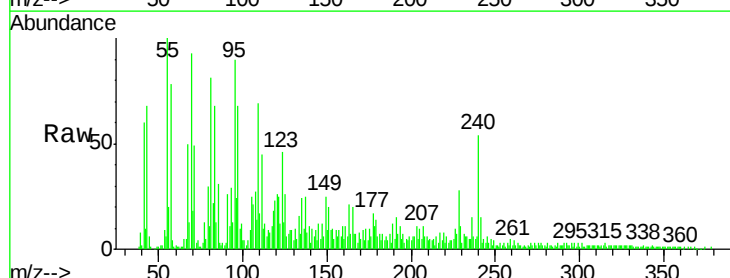
Instrument :
BNA_F
ClientSampleId :
G-5

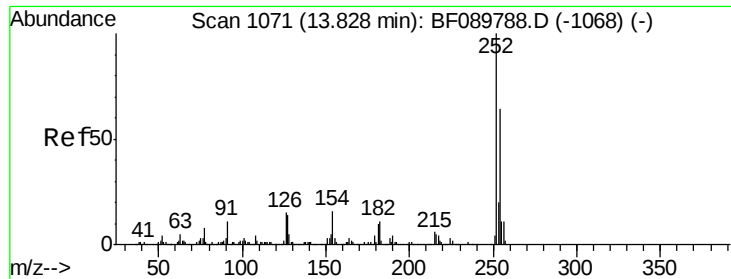
Tgt Ion:149 Resp: 6654
Ion Ratio Lower Upper
149 100
91 113.6 50.7 76.1#
206 18.9 15.5 23.3



#80
Benzo(a)anthracene
Concen: 0.71 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.02 min
Lab File: BF089805.D
Acq: 19 Aug 2016 19:34

Tgt Ion:228 Resp: 38357
Ion Ratio Lower Upper
228 100
226 37.0 23.2 34.8#
229 38.3 16.2 24.4#

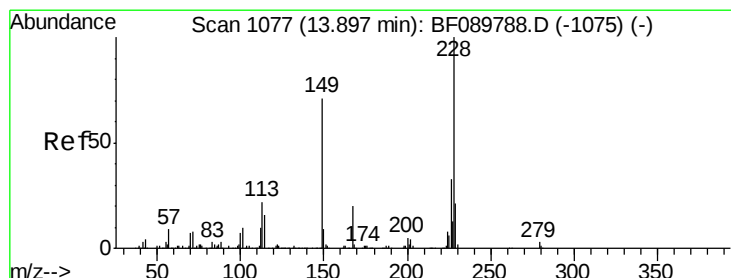
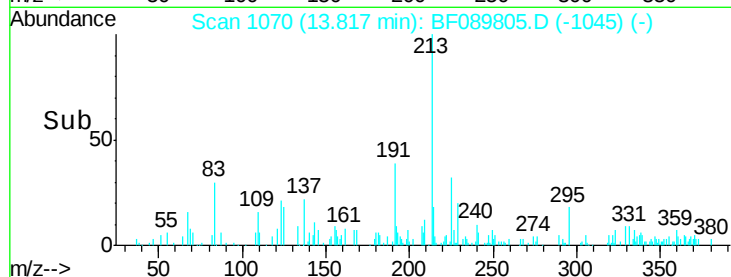
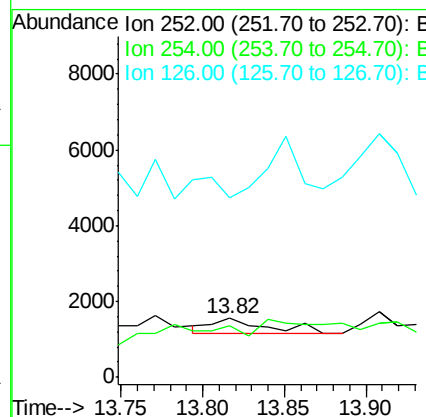
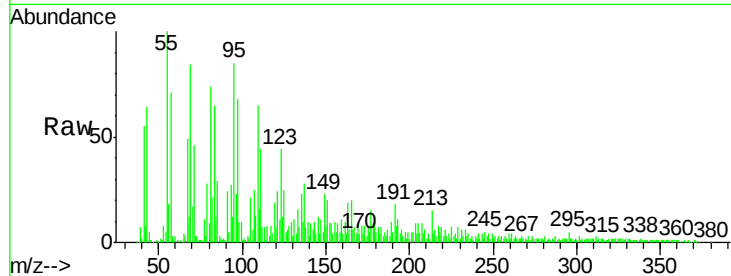




#81
 3,3'-Dichlorobenzidine
 Concen: 0.05 ng
 RT: 13.82 min Scan# 1070
 Delta R.T. -0.01 min
 Lab File: BF089805.D
 Acq: 19 Aug 2016 19:34

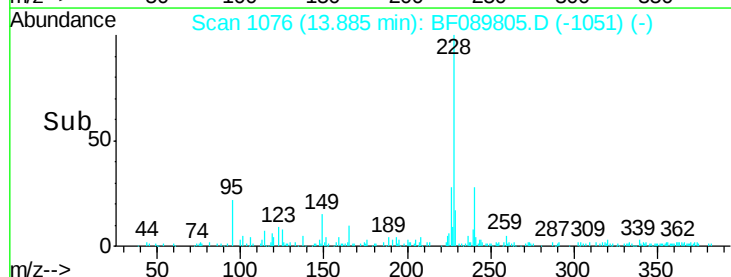
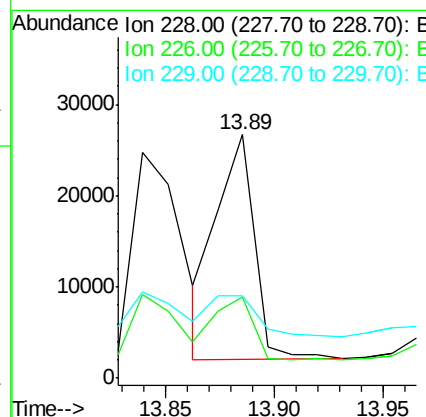
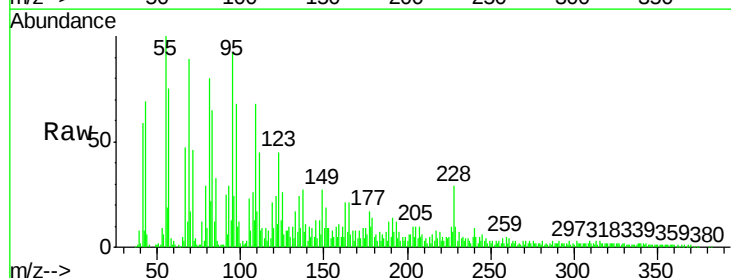
Instrument :
 BNA_F
 ClientSampleId :
 G-5

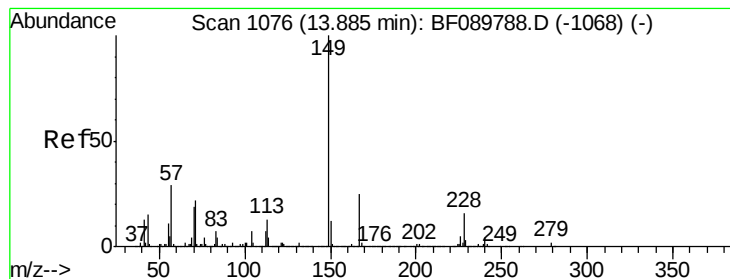
Tgt Ion	Ratio	Lower	Upper
252	100		
254	88.0	50.6	75.8#
126	304.1	12.6	18.8#



#82
 Chrysene
 Concen: 0.64 ng
 RT: 13.89 min Scan# 1076
 Delta R.T. -0.01 min
 Lab File: BF089805.D
 Acq: 19 Aug 2016 19:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.0	25.4	38.0
229	33.8	16.5	24.7#





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.23 ng

RT: 13.87 min Scan# 1075

Delta R.T. -0.01 min

Lab File: BF089805.D

Acq: 19 Aug 2016 19:34

Instrument :

BNA_F

ClientSampleId :

G-5

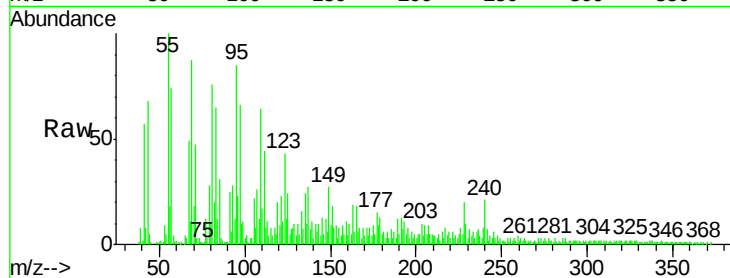
Tgt Ion:149 Resp: 11117

Ion Ratio Lower Upper

149 100

167 29.8 21.2 31.8

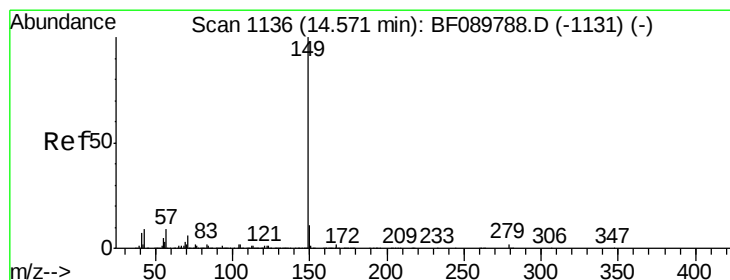
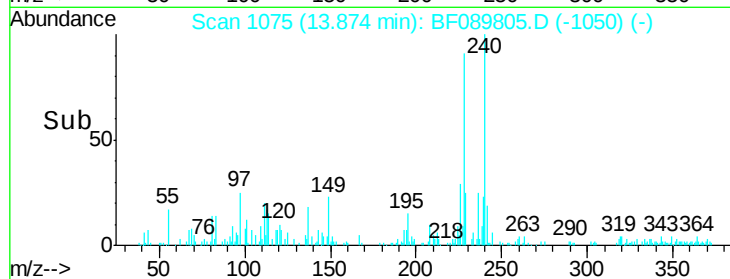
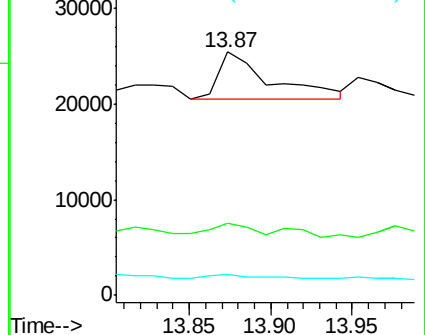
279 8.3 2.9 4.3#



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: 0.15 ng

RT: 14.56 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BF089805.D

Acq: 19 Aug 2016 19:34

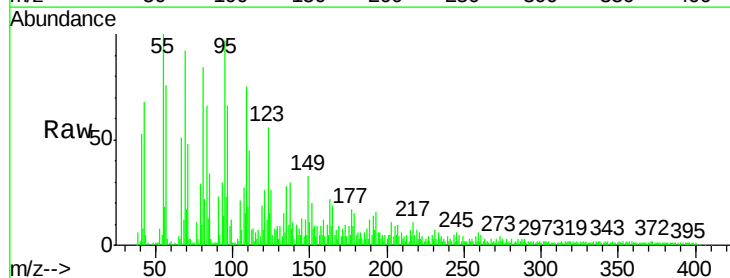
Tgt Ion:149 Resp: 9502

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

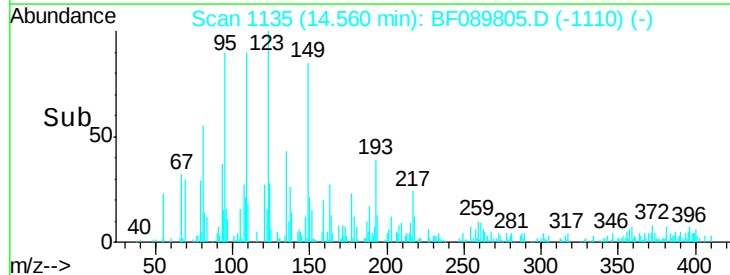
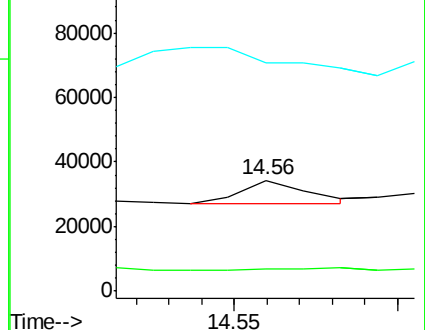
43 0.0 8.4 12.6#

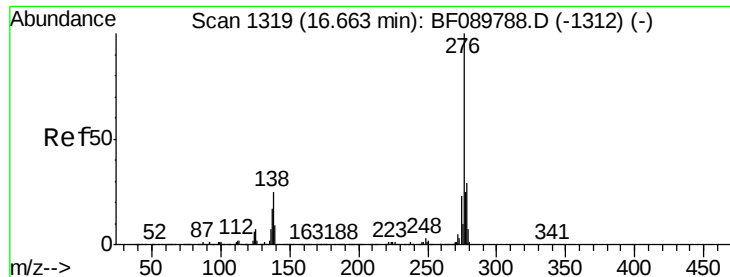


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.42 ng

RT: 16.63 min Scan# 1316

Delta R.T. -0.03 min

Lab File: BF089805.D

Acq: 19 Aug 2016 19:34

Instrument :

BNA_F

ClientSampleId :

G-5

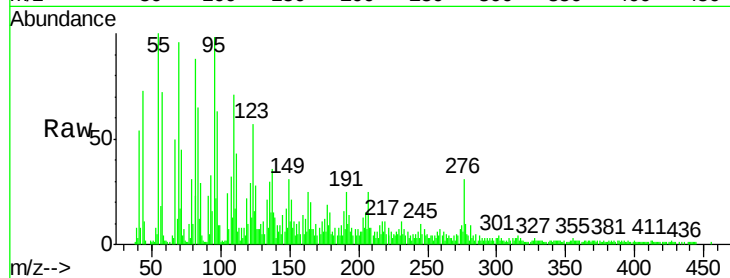
Tgt Ion:276 Resp: 25060

Ion Ratio Lower Upper

276 100

138 33.4 24.6 36.8

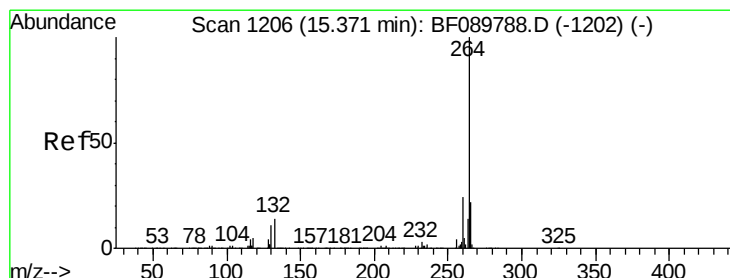
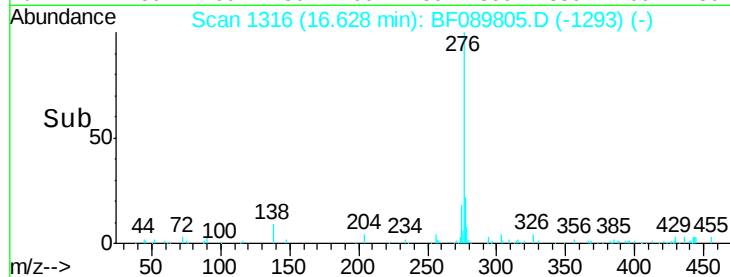
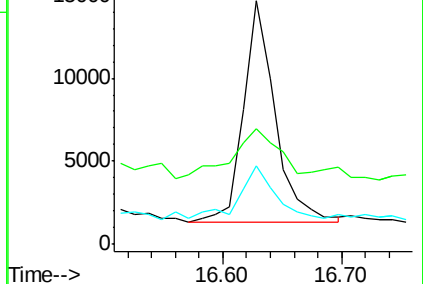
277 29.9 20.4 30.6



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: BF089805.D

Acq: 19 Aug 2016 19:34

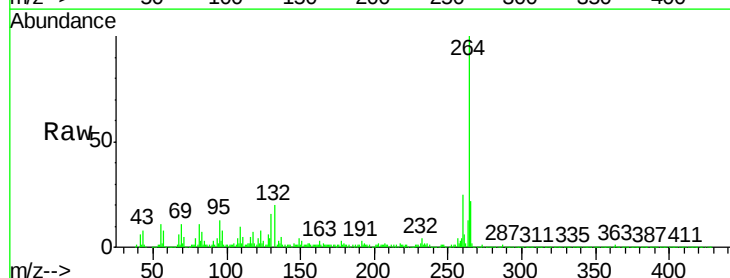
Tgt Ion:264 Resp: 1054165

Ion Ratio Lower Upper

264 100

260 24.9 20.2 30.2

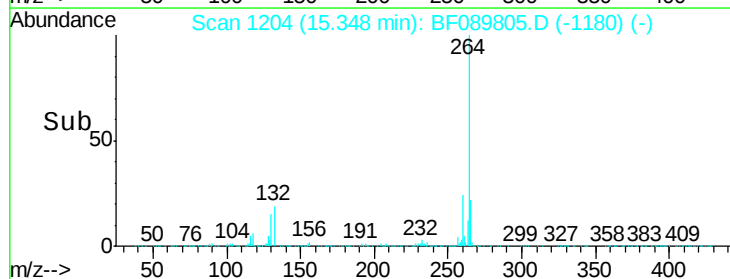
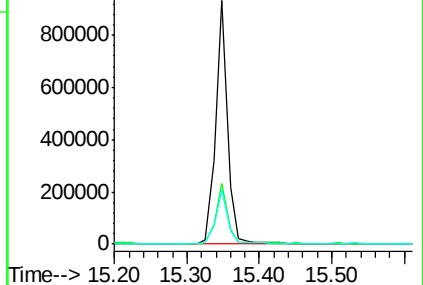
265 22.1 17.4 26.2

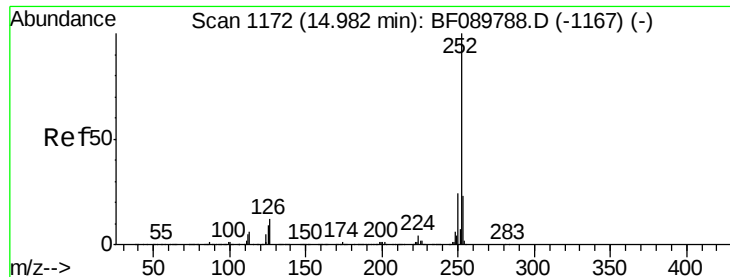


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 1.08 ng

RT: 14.96 min Scan# 1170

Delta R.T. -0.02 min

Lab File: BF089805.D

Acq: 19 Aug 2016 19:34

Instrument :

BNA_F

ClientSampleId :

G-5

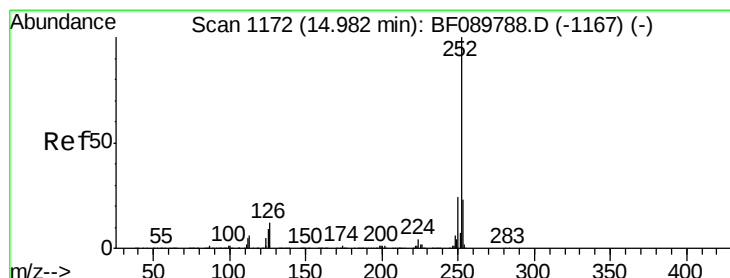
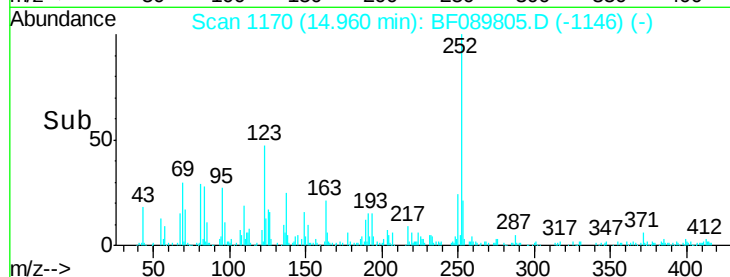
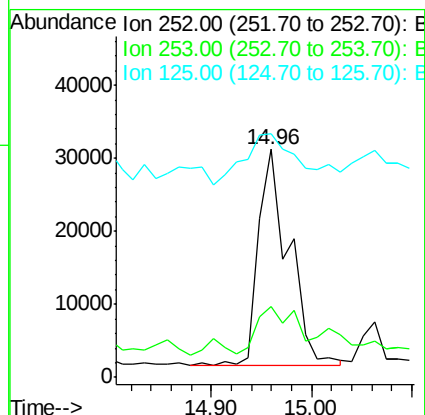
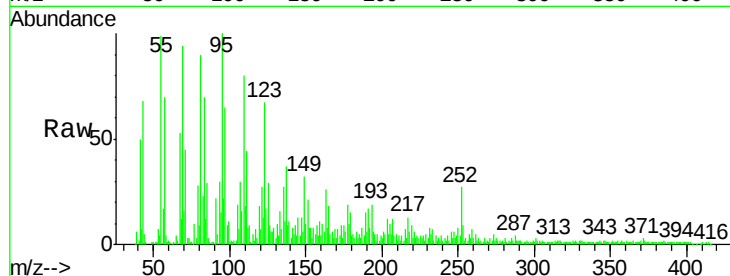
Tgt Ion:252 Resp: 62763

Ion Ratio Lower Upper

252 100

253 31.2 17.8 26.8#

125 107.0 11.4 17.2#



#88

Benzo(k)fluoranthene

Concen: 1.19 ng

RT: 14.96 min Scan# 1170

Delta R.T. -0.05 min

Lab File: BF089805.D

Acq: 19 Aug 2016 19:34

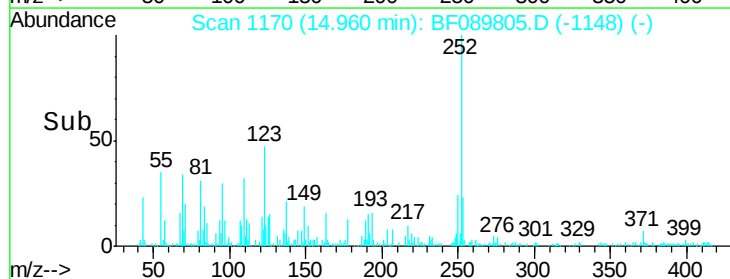
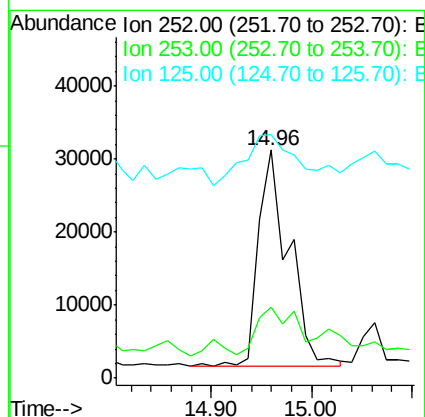
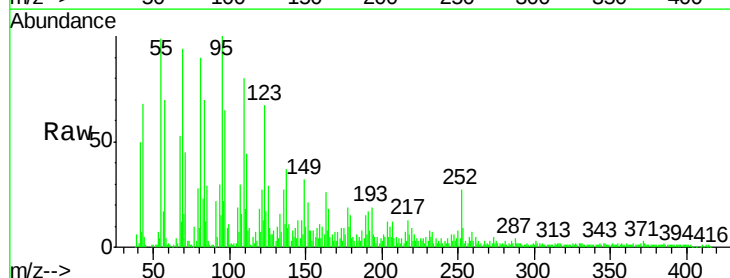
Tgt Ion:252 Resp: 62763

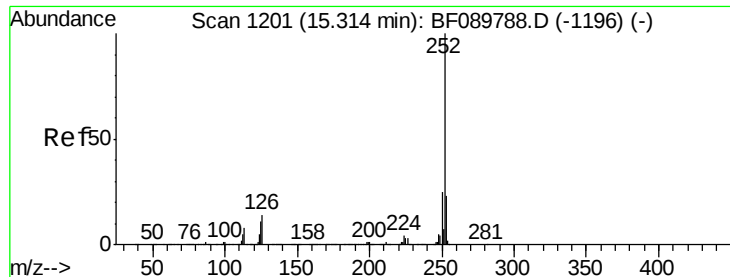
Ion Ratio Lower Upper

252 100

253 31.2 18.4 27.6#

125 107.0 9.8 14.6#





#89

Benzo(a)pyrene

Concen: 0.60 ng

RT: 15.29 min Scan# 1199

Delta R.T. -0.02 min

Lab File: BF089805.D

Acq: 19 Aug 2016 19:34

Instrument :

BNA_F

ClientSampleId :

G-5

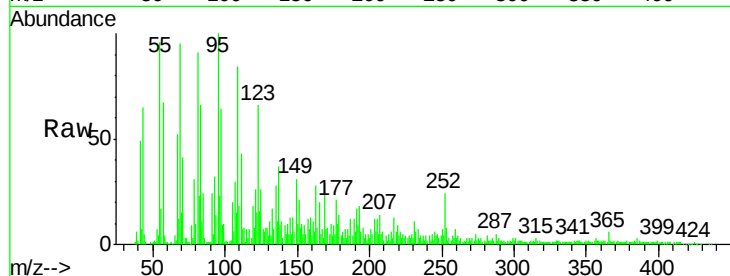
Tgt Ion:252 Resp: 32710

Ion Ratio Lower Upper

252 100

253 31.8 17.8 26.8#

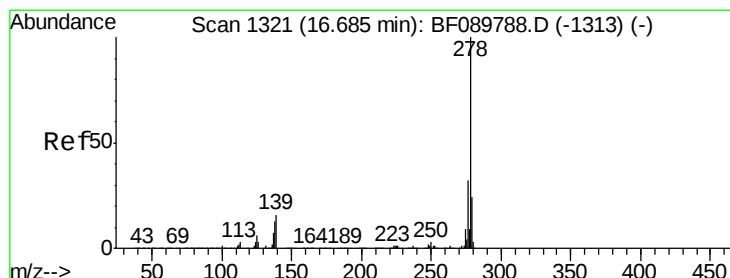
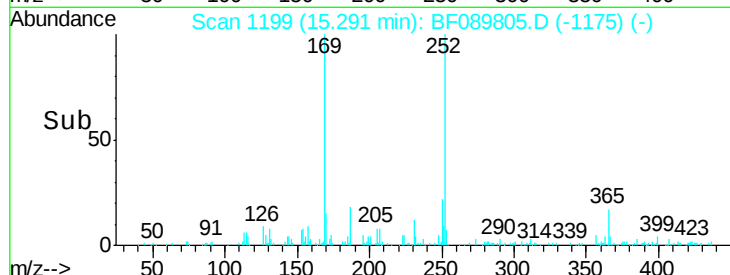
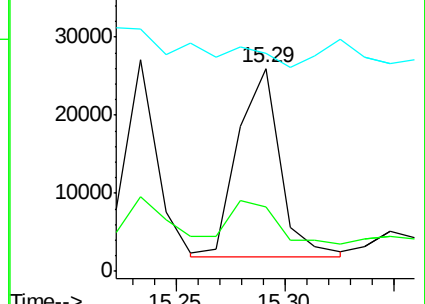
125 107.3 11.7 17.5#



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: 0.12 ng

RT: 16.65 min Scan# 1318

Delta R.T. -0.03 min

Lab File: BF089805.D

Acq: 19 Aug 2016 19:34

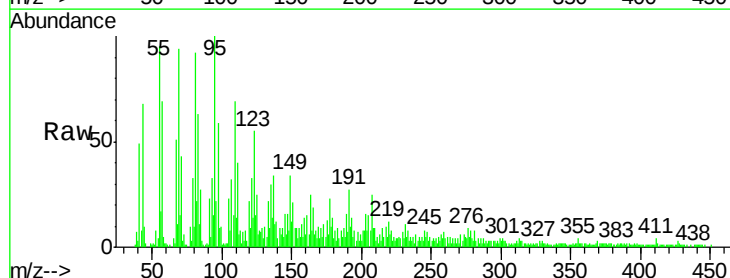
Tgt Ion:278 Resp: 7125

Ion Ratio Lower Upper

278 100

139 144.7 14.9 22.3#

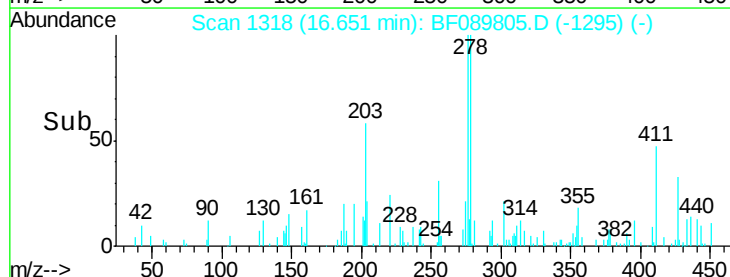
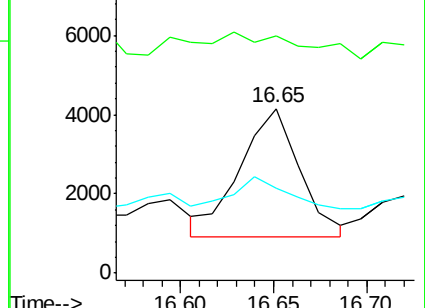
279 51.6 19.2 28.8#

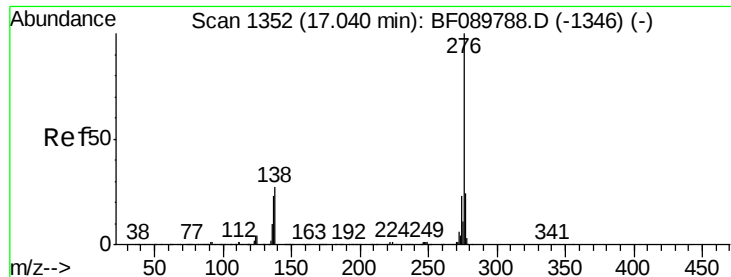


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.52 ng

RT: 17.02 min Scan# 1350

Delta R.T. -0.02 min

Lab File: BF089805.D

Acq: 19 Aug 2016 19:34

Instrument :

BNA_F

ClientSampleId :

G-5

Tgt Ion: 276 Resp: 32584

Ion Ratio Lower Upper

276 100

277 29.4 19.2 28.8#

138 37.9 22.1 33.1#

