

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083116\
 Data File : BF089939.D
 Acq On : 31 Aug 2016 9:58
 Operator : UM/SJ
 Sample : PB93146BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93146BS

Quant Time: Aug 31 15:17:03 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 11:55:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	229643	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	947347	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	529273	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	1056469	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	883112	20.00	ng	-0.01
86) Perylene-d12	15.10	264	751373	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	903588	62.98	ng	0.01
7) Phenol-d6	6.27	99	1092934	62.69	ng	0.00
23) Nitrobenzene-d5	7.20	82	927738	56.80	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	301583	57.76	ng	-0.01
44) 2-Fluorobiphenyl	8.99	172	1995161	61.88	ng	-0.01
78) Terphenyl-d14	12.72	244	1984250	55.50	ng	0.00

Target Compounds				Qvalue		
3) Pyridine	2.87	79	44979	2.48	ng	96
4) n-Nitrosodimethylamine	2.78	42	30960	3.46	ng	97
8) 2-Chlorophenol	6.41	128	55883	3.59	ng	# 80
9) Benzaldehyde	6.17	77	48174	4.28	ng	90
10) Phenol	6.28	94	93940	4.63	ng	# 67
11) bis(2-Chloroethyl)ether	6.38	93	58755	3.83	ng	88
12) 1,3-Dichlorobenzene	6.81	146	53784	3.09	ng	99
13) 1,4-Dichlorobenzene	6.65	146	65580	3.69	ng	97
14) 1,2-Dichlorobenzene	6.65	146	65580	4.11	ng	99
15) Benzyl Alcohol	6.79	79	54292	4.97	ng	# 80
16) 2,2'-oxybis(1-Chloropropan	6.92	45	102307	3.50	ng	98
17) 2-Methylphenol	6.90	107	46130	3.71	ng	94
18) Hexachloroethane	7.15	117	21381	3.51	ng	# 86
19) n-Nitroso-di-n-propylamine	7.05	70	41959	3.69	ng	# 93
20) 3+4-Methylphenols	7.05	107	60599	4.02	ng	97
22) Acetophenone	7.05	105	79375	3.73	ng	# 95
24) Nitrobenzene	7.22	77	56759	3.27	ng	# 77
25) Isophorone	7.46	82	110706	3.33	ng	97
26) 2-Nitrophenol	7.54	139	24355	2.93	ng	# 81
27) 2,4-Dimethylphenol	7.59	122	56077	3.65	ng	92
28) bis(2-Chloroethoxy)methane	7.68	93	70405	3.51	ng	96
29) 2,4-Dichlorophenol	7.78	162	48314	3.51	ng	91
30) 1,2,4-Trichlorobenzene	7.86	180	52644	3.50	ng	96
31) Naphthalene	7.94	128	176950	3.75	ng	98
34) Hexachlorobutadiene	8.07	225	30611	3.47	ng	96
35) Caprolactam	8.32	113	15431	3.55	ng	91
36) 4-Chloro-3-methylphenol	8.47	107	47182	3.24	ng	# 82
37) 2-Methylnaphthalene	8.63	142	124073	3.98	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	55019	3.55	ng	99
40) Hexachlorocyclopentadiene	8.79	237	52619	6.62	ng	96
42) 2,4,6-Trichlorophenol	8.91	196	33801	3.15	ng	96
43) 2,4,5-Trichlorophenol	8.95	196	35572	3.44	ng	# 85
45) 1,1'-Biphenyl	9.10	154	154797	3.63	ng	96
46) 2-Chloronaphthalene	9.11	162	107351	3.56	ng	97

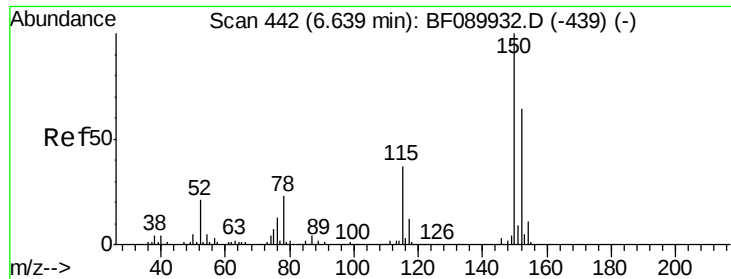
Data Path : Z:\HPCHEM1\BNA F\DATA\BF083116\
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 Operator : UM/SJ
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Nitroaniline	9.21	65	30591	3.10	nq	# 76
48) Acenaphthylene	9.52	152	179171	3.59	nq	98
49) Dimethylphthalate	9.39	163	139584	3.65	nq	98
50) 2,6-Dinitrotoluene	9.45	165	29521	3.47	nq	99
51) Acenaphthene	9.69	154	111992	3.55	nq	100
52) 3-Nitroaniline	9.61	138	28825	2.97	nq	99
53) 2,4-Dinitrophenol	9.72	184	8150	4.47	nq	# 64
54) Dibenzofuran	9.86	168	169470	4.00	nq	99
55) 4-Nitrophenol	9.77	139	41386	5.65	nq	# 52
56) 2,4-Dinitrotoluene	9.85	165	39615	3.67	nq	91
57) Fluorene	10.20	166	143706	4.65	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.99	232	33667	3.81	nq	89
59) Diethylphthalate	10.09	149	132078	3.67	nq	98
60) 4-Chlorophenyl-phenylether	10.20	204	63727	4.38	nq	# 83
61) 4-Nitroaniline	10.22	138	32193	3.38	nq	95
62) Azobenzene	10.36	77	149425	4.16	nq	93
65) n-Nitrosodiphenylamine	10.32	169	114515	3.61	nq	99
66) 4-Bromophenyl-phenylether	10.70	248	38846	3.65	nq	# 84
67) Hexachlorobenzene	10.75	284	44666	3.68	nq	# 78
68) Atrazine	10.84	200	36917	3.48	nq	98
69) Pentachlorophenol	10.95	266	29044	4.44	nq	99
70) Phenanthrene	11.15	178	208805	3.97	nq	98
71) Anthracene	11.21	178	213618	4.00	nq	97
72) Carbazole	11.36	167	195380	3.90	nq	98
73) Di-n-butylphthalate	11.71	149	233715	4.01	nq	98
74) Fluoranthene	12.33	202	233609	4.24	nq	95
77) Pyrene	12.56	202	238623	3.83	nq	97
79) Butylbenzylphthalate	13.20	149	84378	3.36	nq	85
80) Benzo(a)anthracene	13.74	228	198327	3.67	nq	100
82) Chrysene	13.77	228	188897	3.74	nq	98
83) Bis(2-ethylhexyl)phthalate	13.76	149	118703	3.42	nq	# 93
84) Di-n-octyl phthalate	14.37	149	171341	3.06	nq	99
85) Indeno(1,2,3-cd)pyrene	16.31	276	116413	3.12	nq	97
87) Benzo(b)fluoranthene	14.75	252	322336	6.85	nq	# 97
88) Benzo(k)fluoranthene	14.75	252	322336	8.07	nq	98
89) Benzo(a)pyrene	15.04	252	148606	3.68	nq	98
90) Dibenzo(a,h)anthracene	16.33	278	94694	3.20	nq	98
91) Benzo(g,h,i)perylene	16.67	276	97989	3.29	nq	97

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

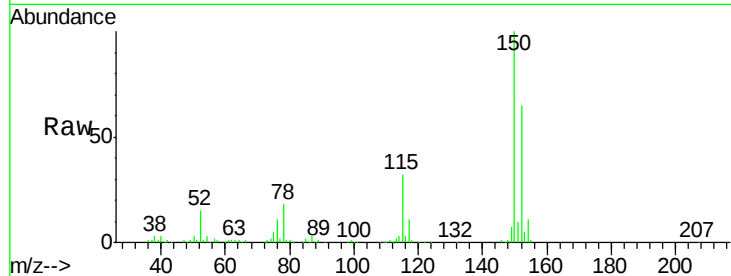


#1

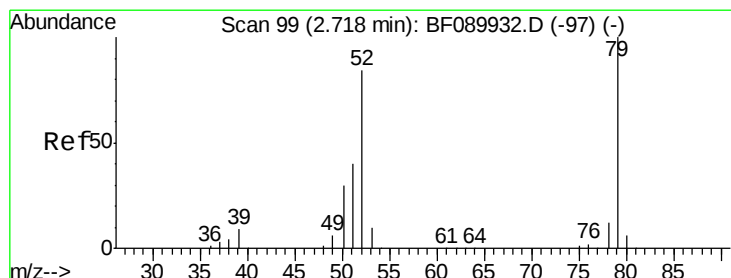
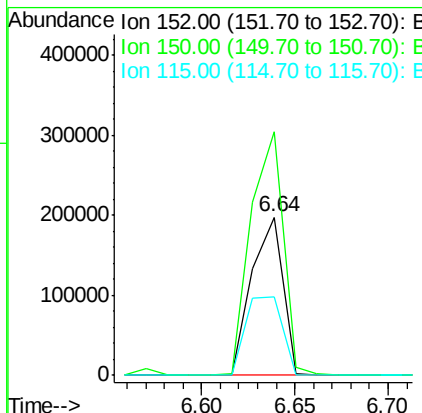
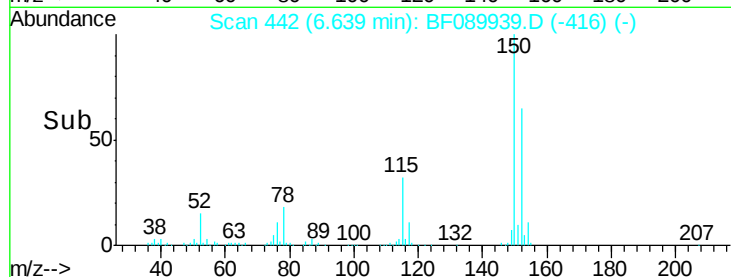
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Instrument :
BNA_F
ClientSampleId :
PB93146BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	127.4	191.2
115	49.9	46.3	69.5



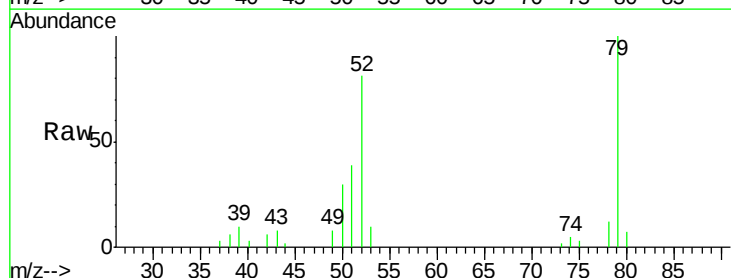
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



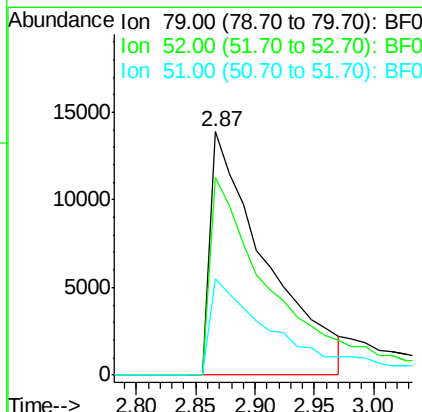
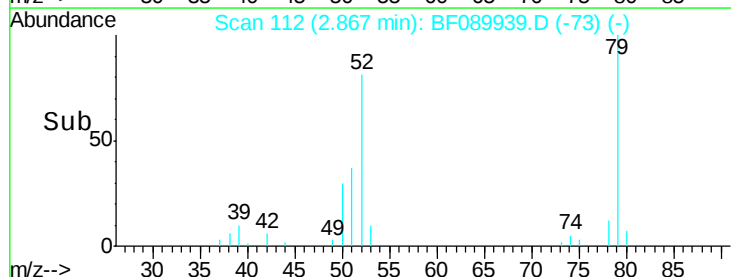
#3

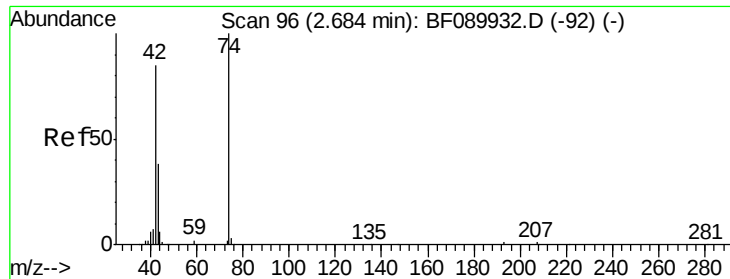
Pyridine
Concen: 2.48 ng
RT: 2.87 min Scan# 112
Delta R.T. 0.15 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Tgt Ion	Ratio	Lower	Upper
79	100		
52	80.9	67.8	101.6
51	39.4	32.9	49.3



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: 3.46 ng

RT: 2.78 min Scan# 104

Delta R.T. 0.09 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

Instrument :

BNA_F

ClientSampleId :

PB93146BS

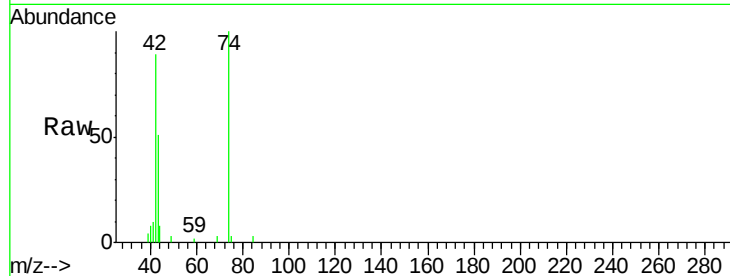
Tot Ion: 42 Resp: 30960

Ion Ratio Lower Upper

42 100

74 112.3 92.0 138.0

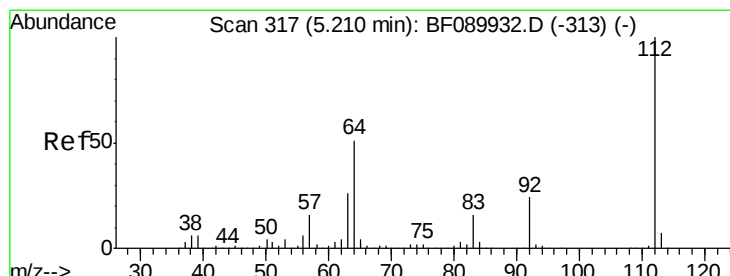
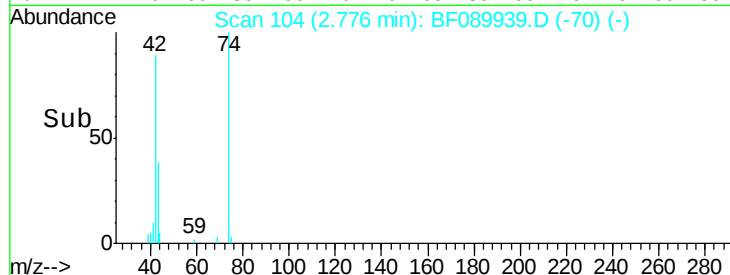
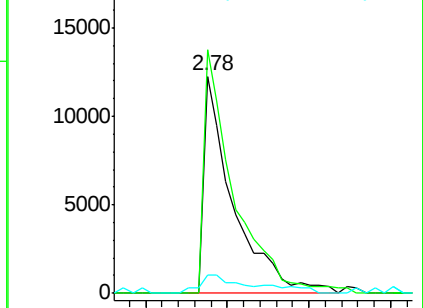
44 8.6 5.8 8.8



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: 62.98 ng

RT: 5.22 min Scan# 318

Delta R.T. 0.01 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

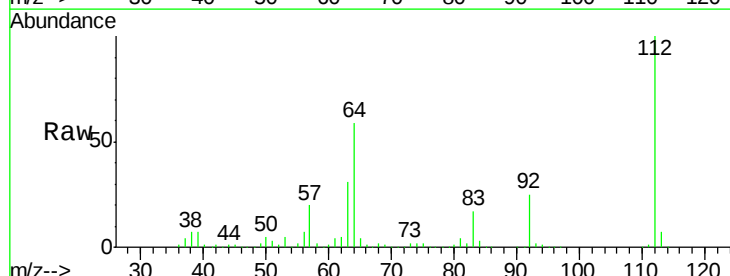
Tgt Ion: 112 Resp: 903588

Ion Ratio Lower Upper

112 100

64 59.4 41.1 61.7

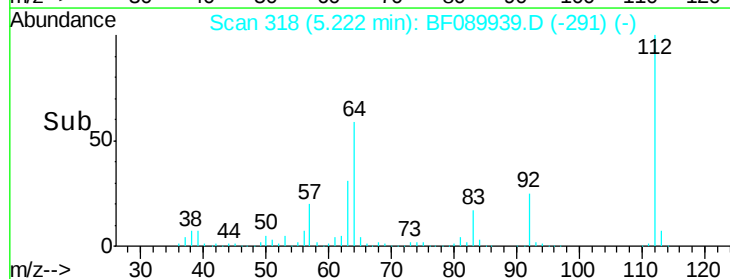
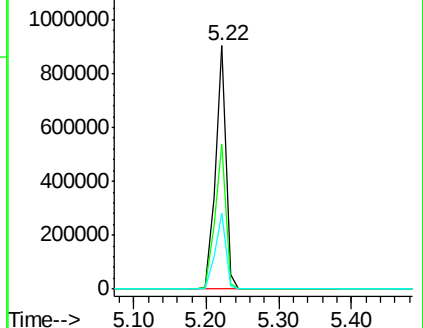
63 30.9 21.2 31.8

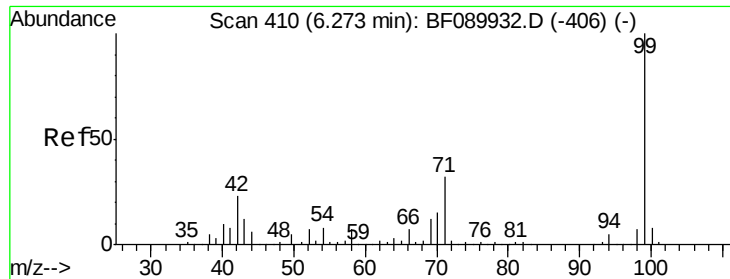


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 62.69 ng

RT: 6.27 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

Instrument :

BNA_F

ClientSampled :

PB93146BS

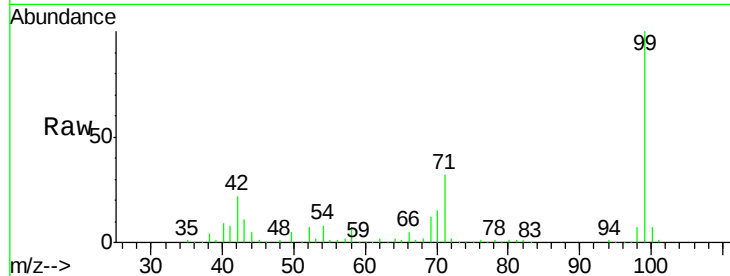
Tot Ion: 99 Resp: 1092934

Ion Ratio Lower Upper

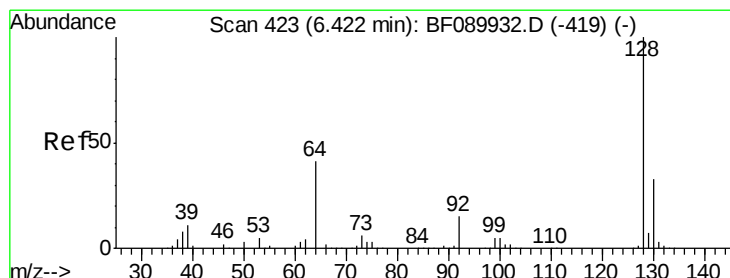
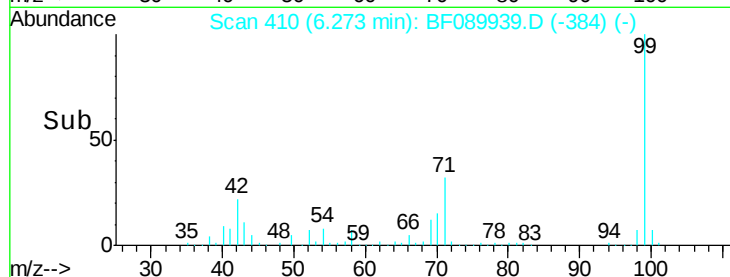
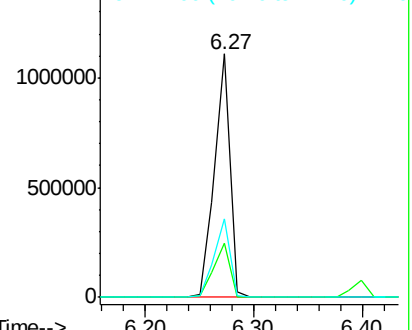
99 100

42 22.4 18.6 27.8

71 32.3 25.8 38.6



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: 3.59 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

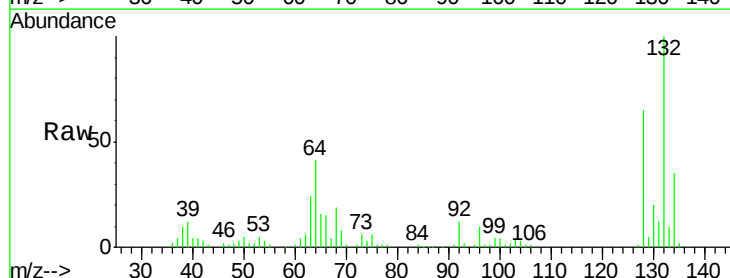
Tgt Ion: 128 Resp: 55883

Ion Ratio Lower Upper

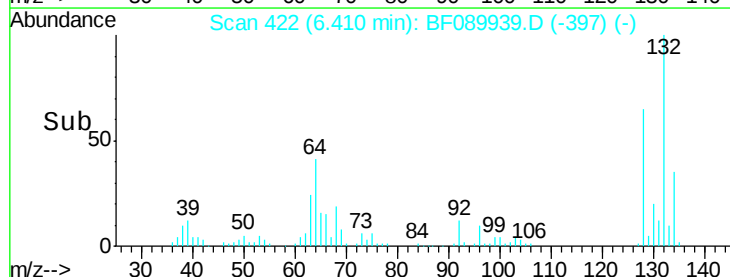
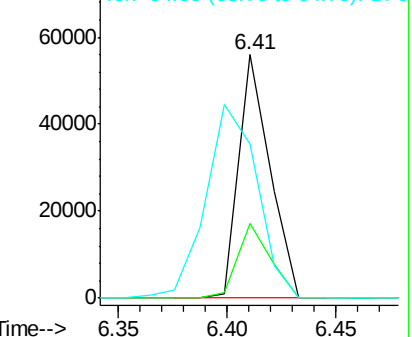
128 100

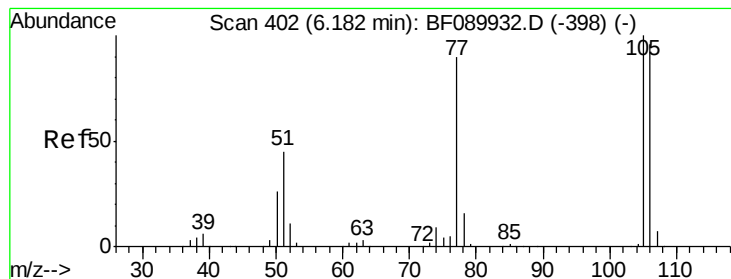
130 30.4 12.8 52.8

64 63.3 23.2 63.2#



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: 4.28 ng

RT: 6.17 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

Instrument :

BNA_F

ClientSampleId :

PB93146BS

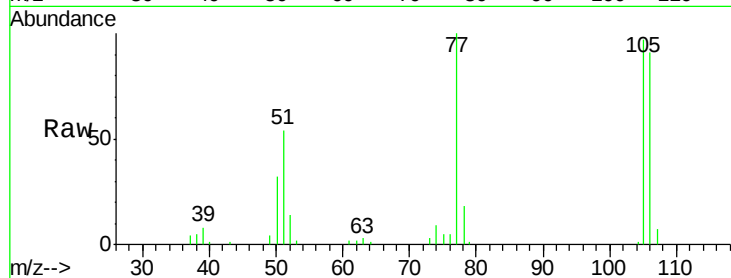
Tot Ion: 77 Resp: 48174

Ion Ratio Lower Upper

77 100

105 96.9 85.4 125.4

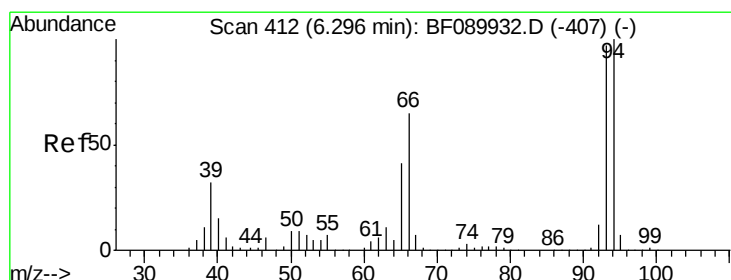
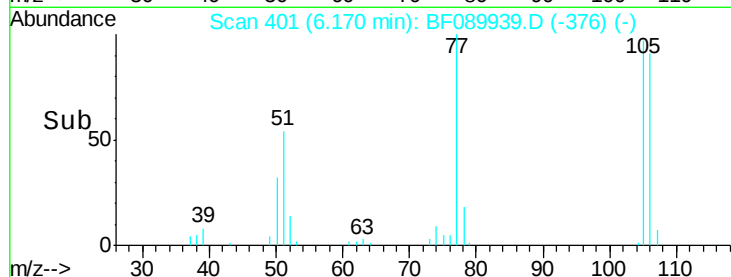
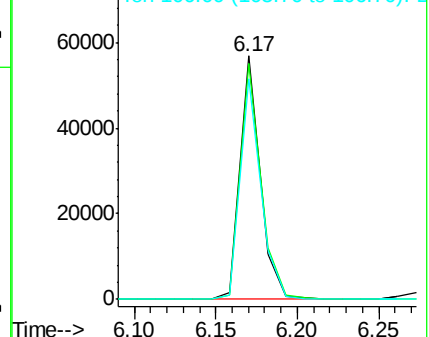
106 90.7 83.4 123.4



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 4.63 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

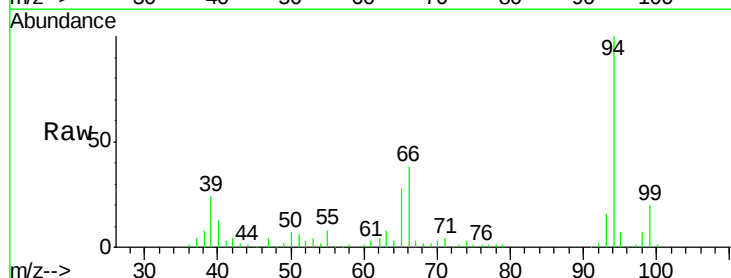
Tgt Ion: 94 Resp: 93940

Ion Ratio Lower Upper

94 100

65 27.5 23.2 63.2

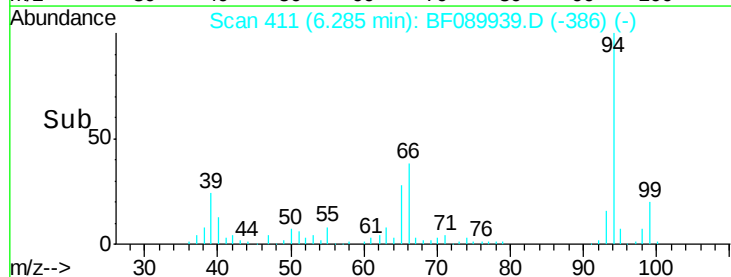
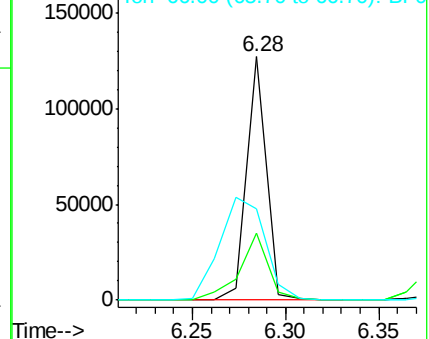
66 37.7 49.2 89.2#

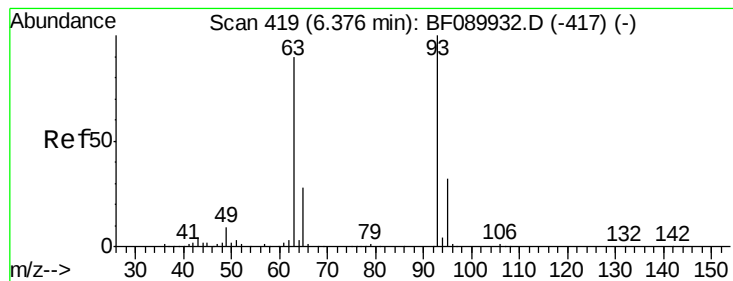


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 3.83 ng

RT: 6.38 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

Instrument :

BNA_F

ClientSampleId :

PB93146BS

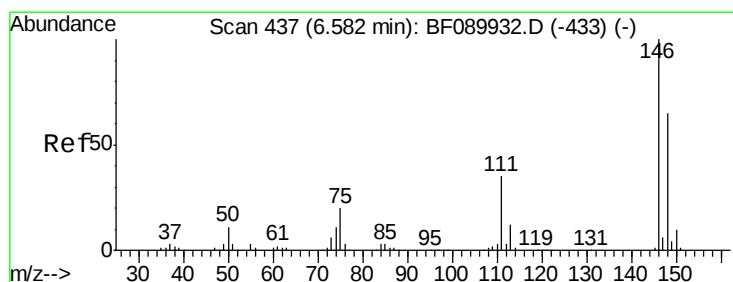
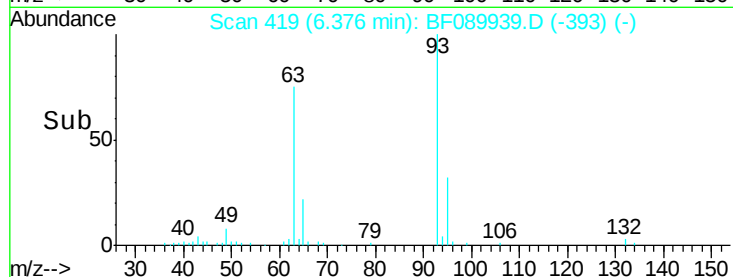
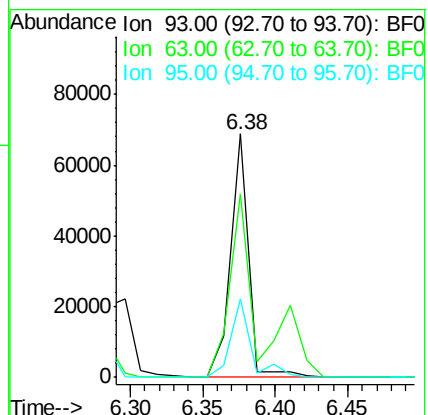
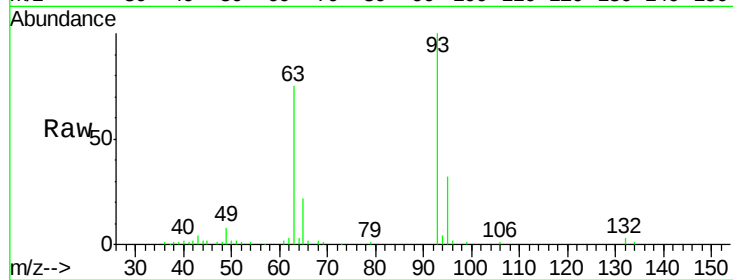
Tot Ion: 93 Resp: 58755

Ion Ratio Lower Upper

93 100

63 75.5 71.1 111.1

95 32.4 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 3.09 ng

RT: 6.81 min Scan# 457

Delta R.T. 0.23 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

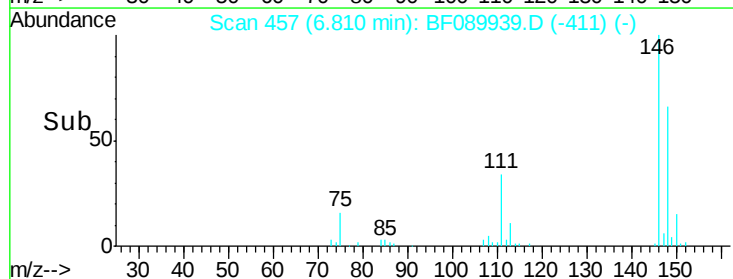
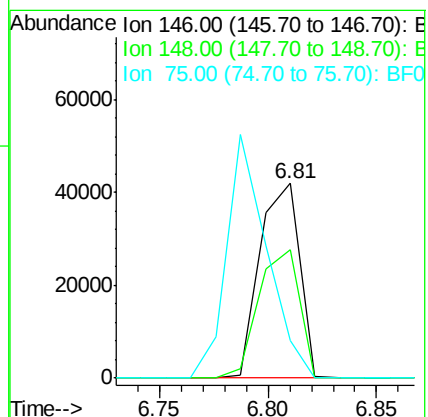
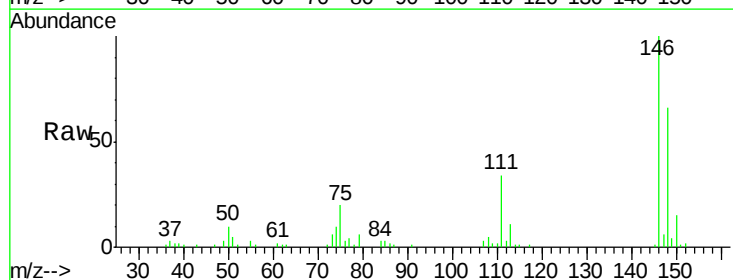
Tgt Ion: 146 Resp: 53784

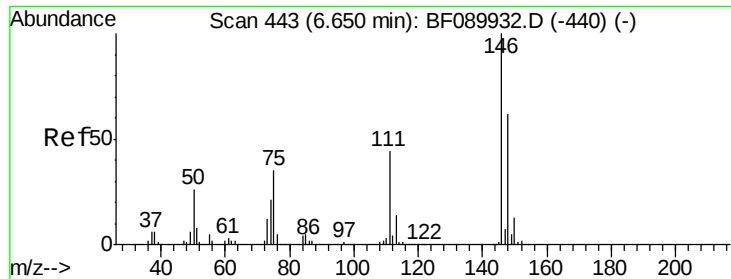
Ion Ratio Lower Upper

146 100

148 65.9 52.5 78.7

75 19.6 16.6 24.8

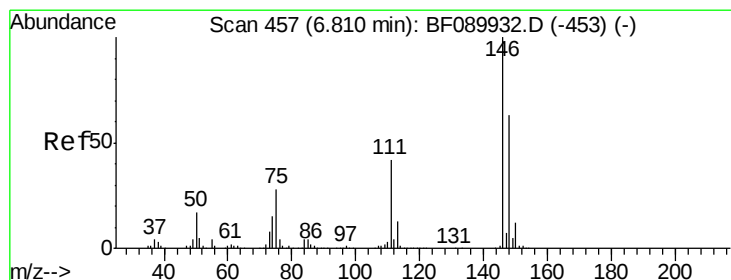
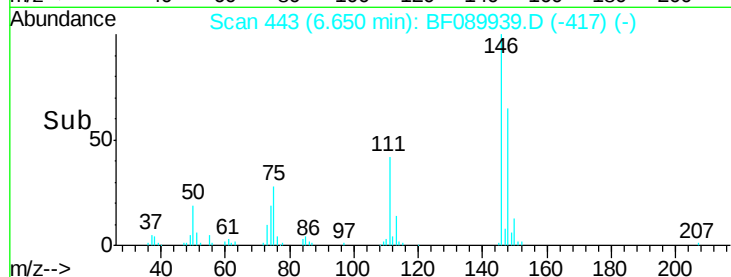
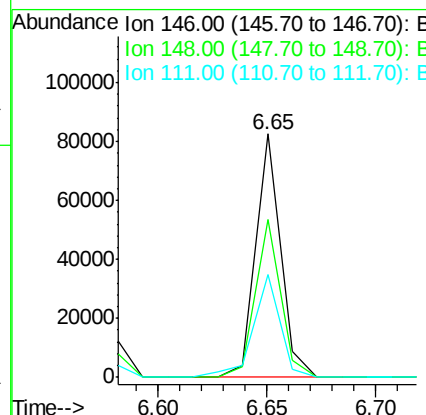
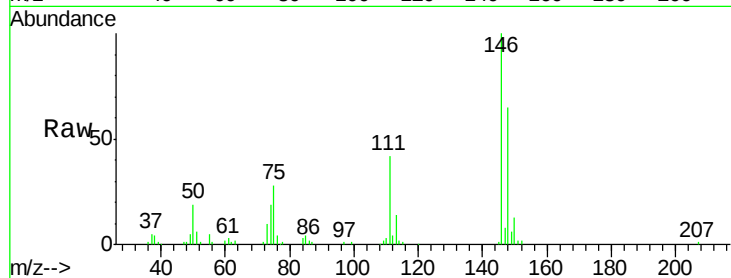




#13
 1,4-Dichlorobenzene
 Concen: 3.69 ng
 RT: 6.65 min Scan# 443
 Delta R.T. 0.00 min
 Lab File: BF089939.D
 Acq: 31 Aug 2016 9:58

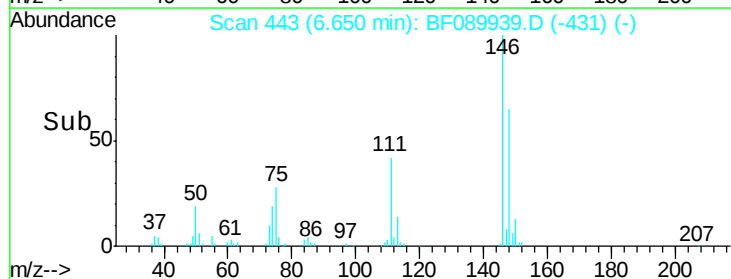
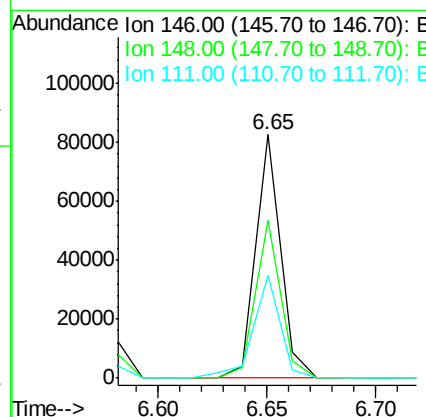
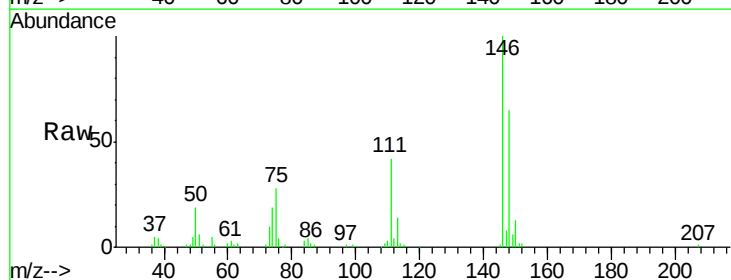
Instrument :
 BNA_F
 ClientSampleId :
 PB93146BS

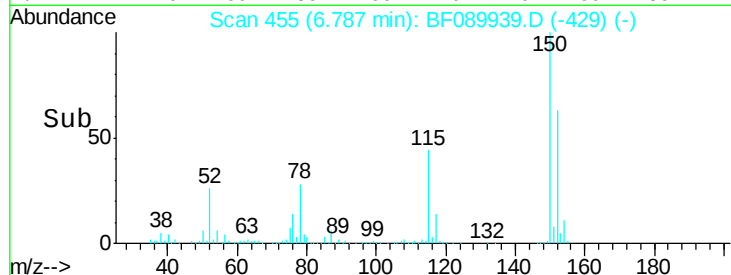
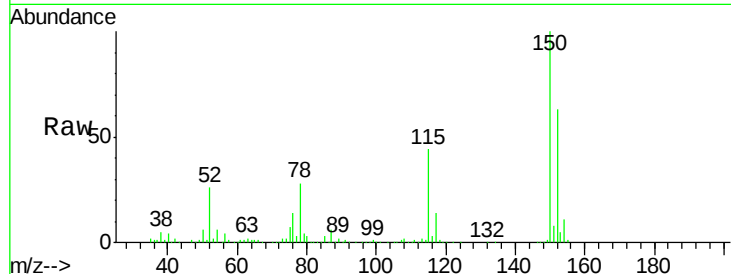
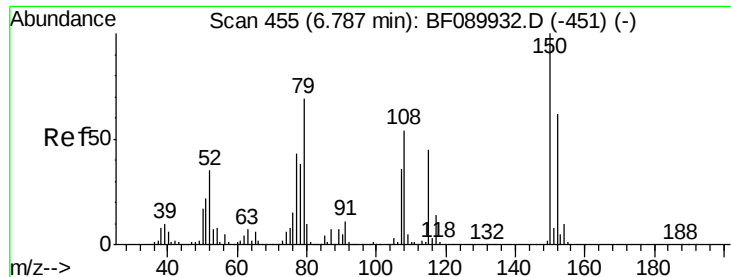
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.1	75.1
111	42.3	35.8	53.6



#14
 1,2-Dichlorobenzene
 Concen: 4.11 ng
 RT: 6.65 min Scan# 443
 Delta R.T. -0.16 min
 Lab File: BF089939.D
 Acq: 31 Aug 2016 9:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.4	77.2
111	42.3	34.6	51.8





#15

Benzyl Alcohol

Concen: 4.97 ng

RT: 6.79 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

Instrument :

BNA_F

ClientSampled :

PB93146BS

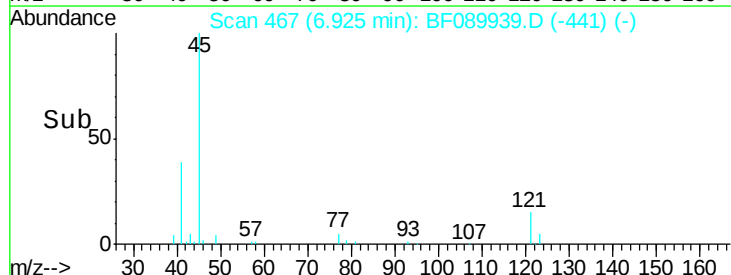
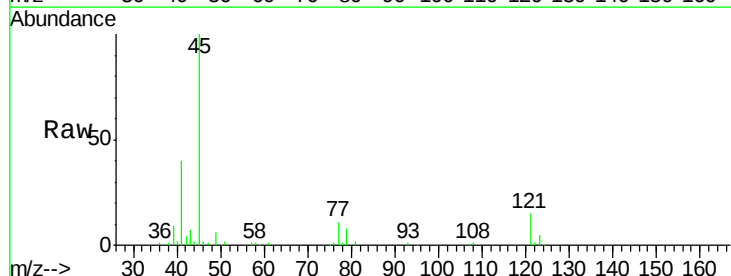
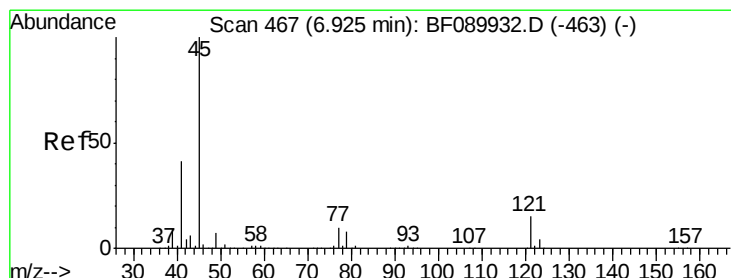
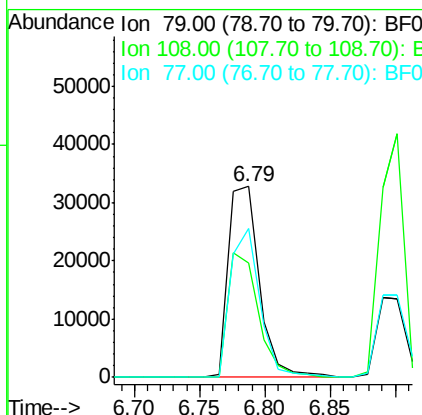
Tot Ion: 79 Resp: 54292

Ion Ratio Lower Upper

79 100

108 59.9 62.1 93.1#

77 78.4 50.1 75.1#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 3.50 ng

RT: 6.92 min Scan# 467

Delta R.T. 0.00 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

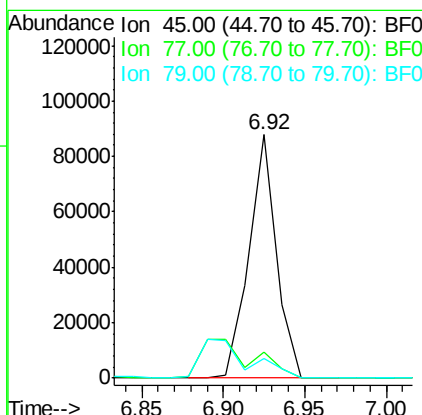
Tgt Ion: 45 Resp: 102307

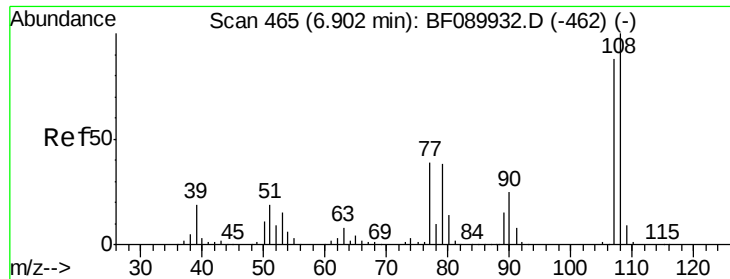
Ion Ratio Lower Upper

45 100

77 10.9 0.0 30.3

79 8.0 0.0 27.5





#17

2-Methylphenol

Concen: 3.71 ng

RT: 6.90 min Scan# 465

Delta R.T. 0.00 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

Instrument :

BNA_F

ClientSampleId :

PB93146BS

Tot Ion:107 Resp: 46130

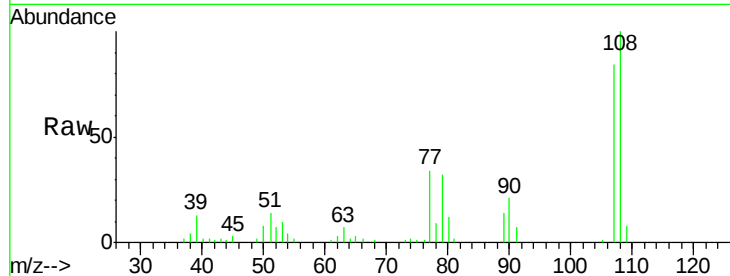
Ion Ratio Lower Upper

107 100

108 118.7 91.8 137.6

77 40.2 36.0 54.0

79 38.5 35.9 53.9

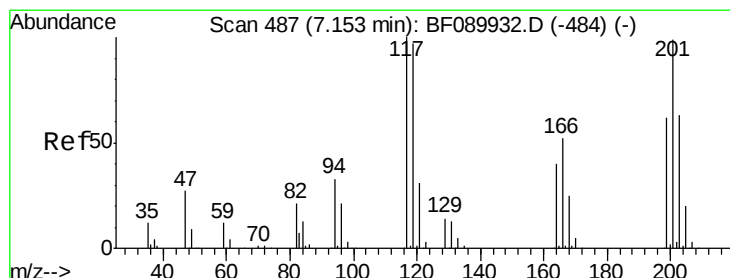
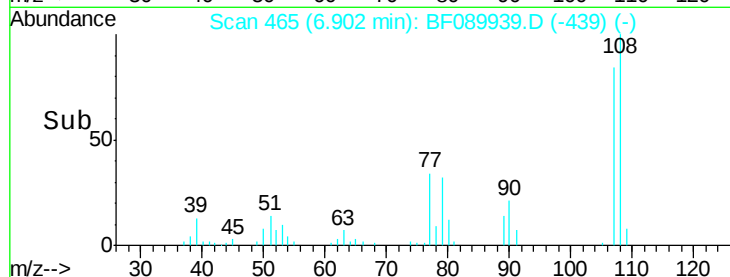
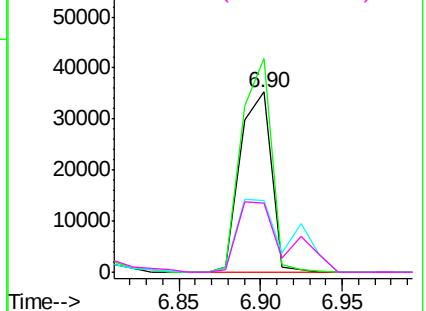


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 3.51 ng

RT: 7.15 min Scan# 487

Delta R.T. 0.00 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

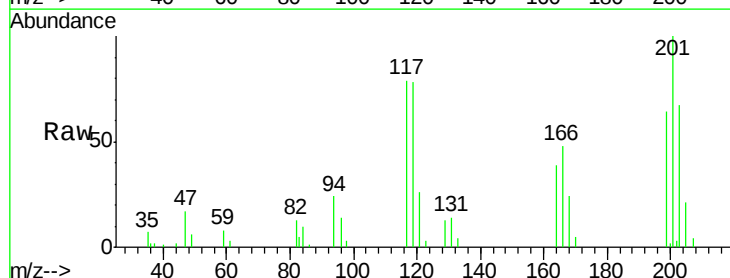
Tgt Ion:117 Resp: 21381

Ion Ratio Lower Upper

117 100

119 97.8 76.2 114.2

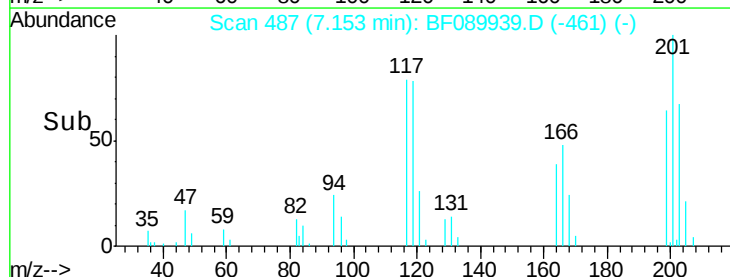
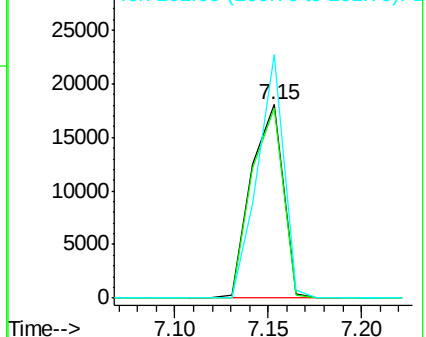
201 125.8 80.2 120.2#

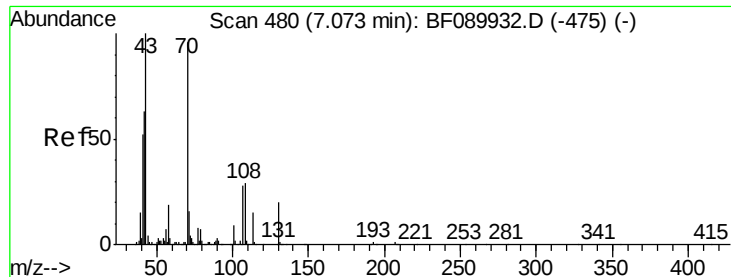


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

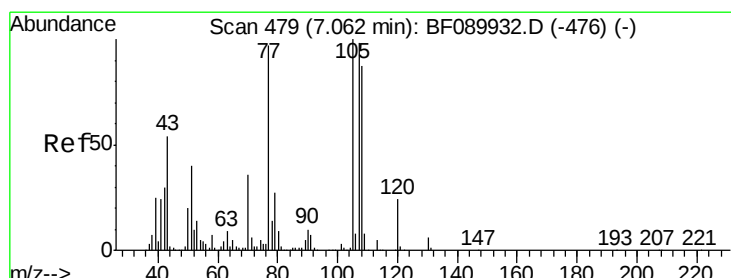
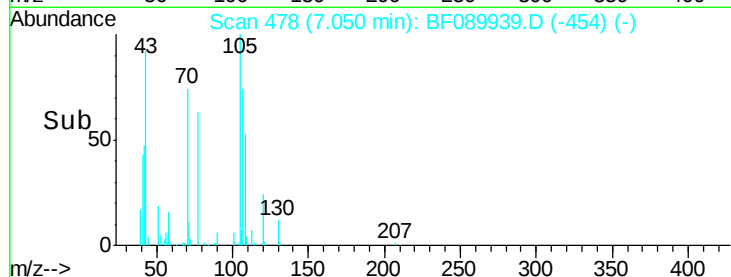
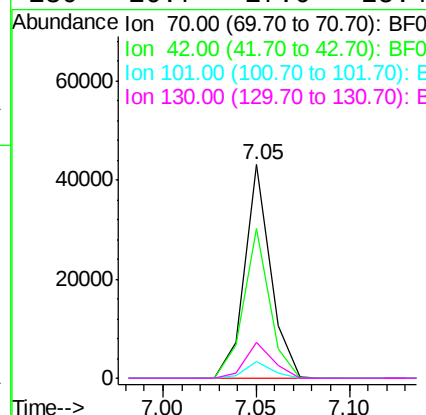
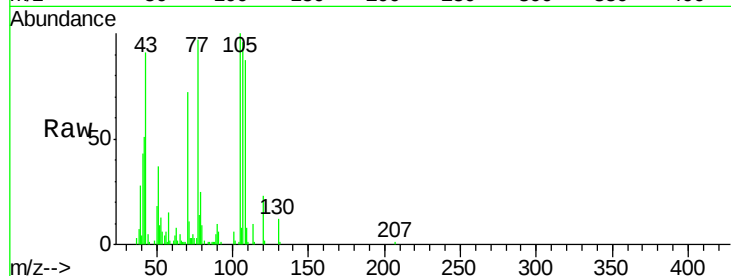




#19
n-Nitroso-di-n-propylamine
Concen: 3.69 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.02 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

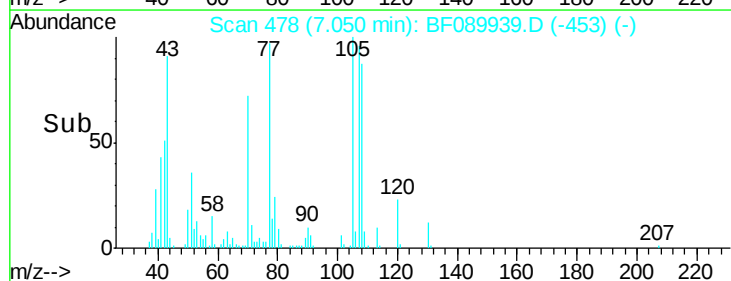
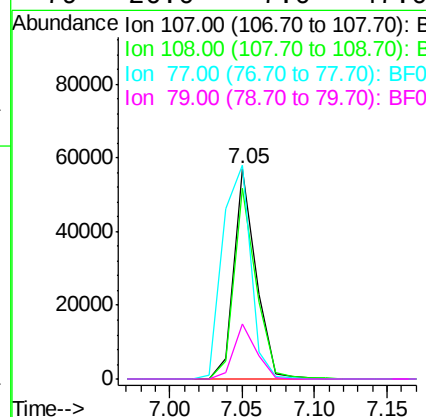
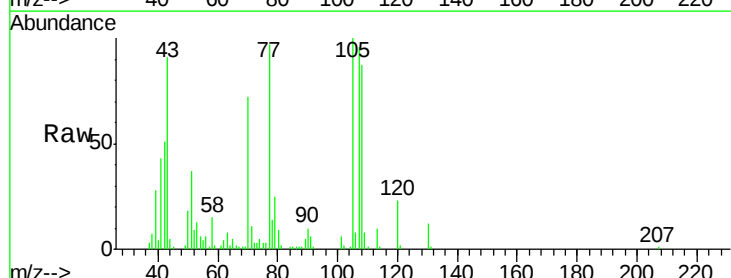
Instrument :
BNA_F
ClientSampleId :
PB93146BS

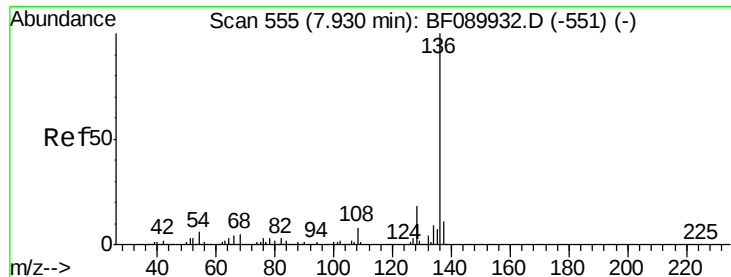
Tot Ion: 70 Resp: 41959
Ion Ratio Lower Upper
70 100
42 70.1 52.1 78.1
101 8.0 7.4 11.2
130 16.7 17.0 25.4#



#20
3+4-Methylphenols
Concen: 4.02 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Tgt Ion: 107 Resp: 60599
Ion Ratio Lower Upper
107 100
108 91.0 70.2 110.2
77 101.7 75.7 115.7
79 26.0 7.0 47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

Instrument :

BNA_F

ClientSampleId :

PB93146BS

Tot Ion:136 Resp: 947347

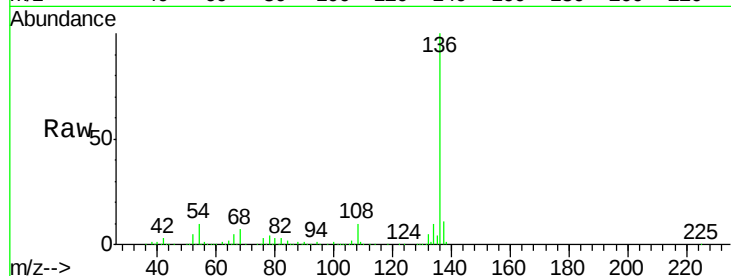
Ion Ratio Lower Upper

136 100

137 11.5 8.3 12.5

54 9.7 4.8 7.2#

68 6.7 3.7 5.5#

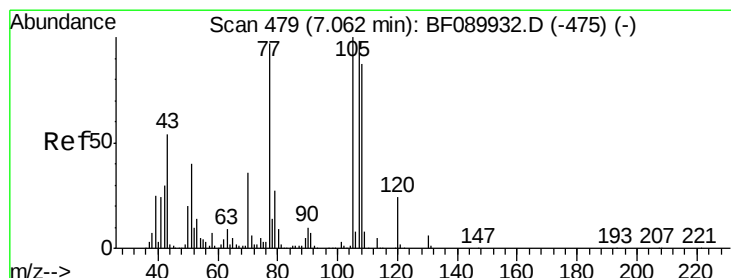
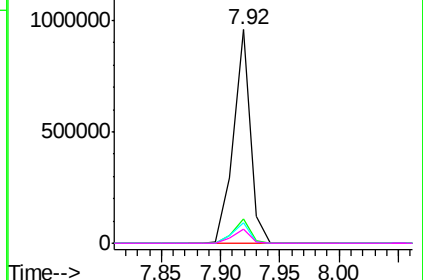
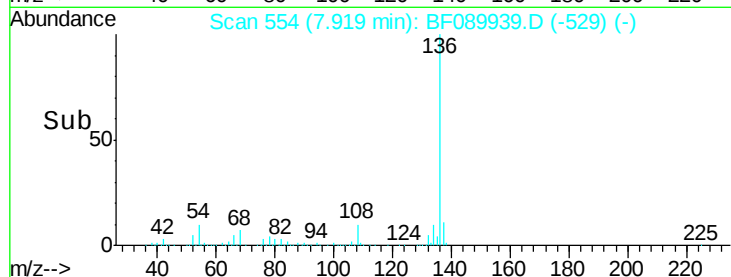


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.73 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

Tgt Ion:105 Resp: 79375

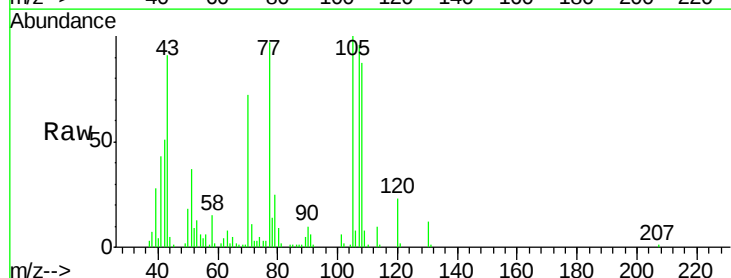
Ion Ratio Lower Upper

105 100

71 11.5 5.3 7.9#

51 36.9 32.6 48.8

120 23.4 18.6 28.0

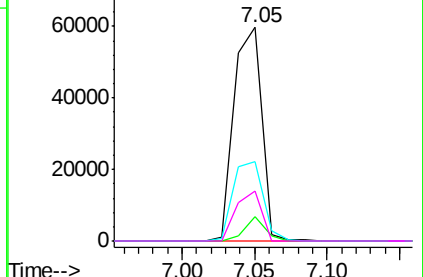
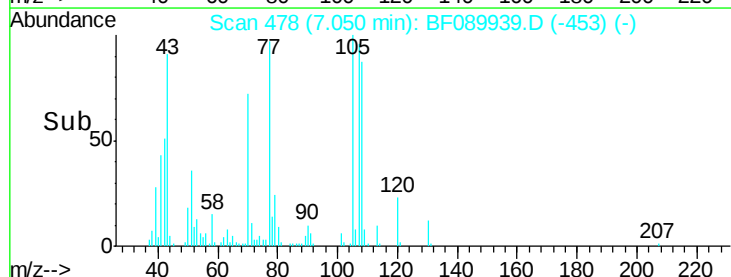


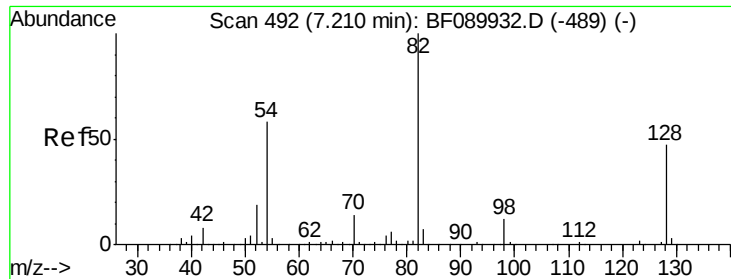
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

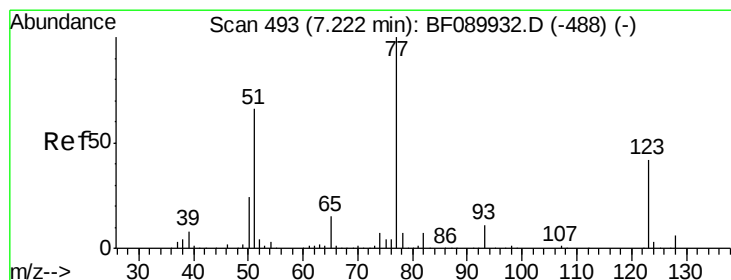
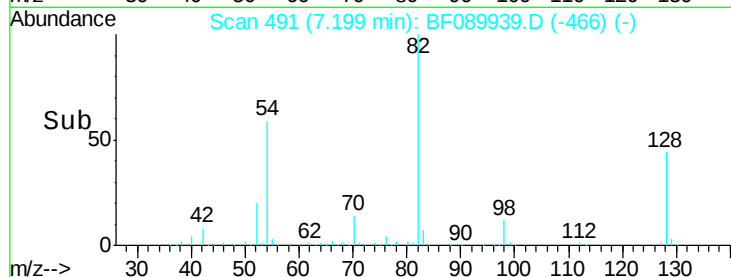
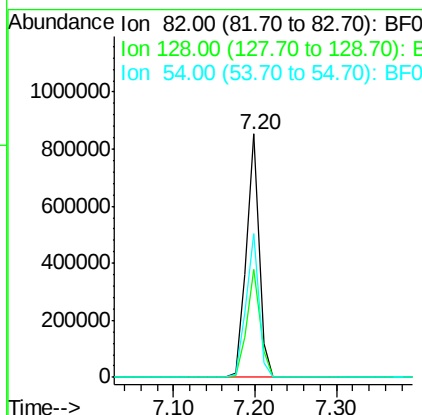
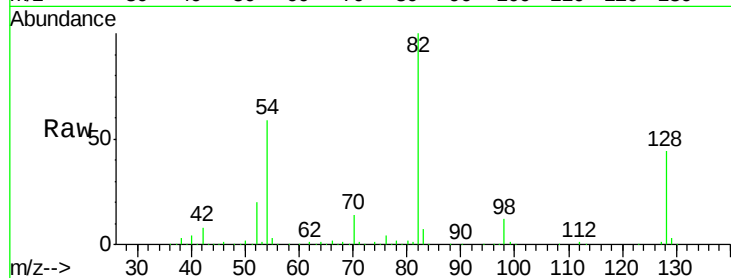




#23
 Nitrobenzene-d5
 Concen: 56.80 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.01 min
 Lab File: BF089939.D
 Acq: 31 Aug 2016 9:58

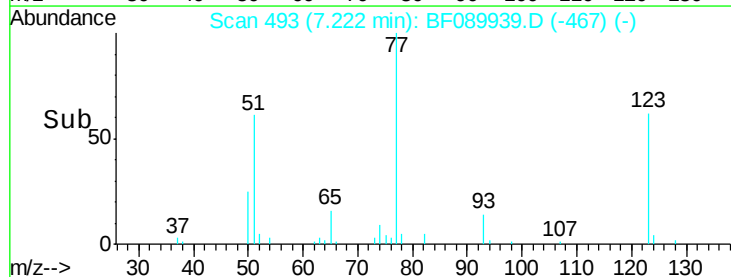
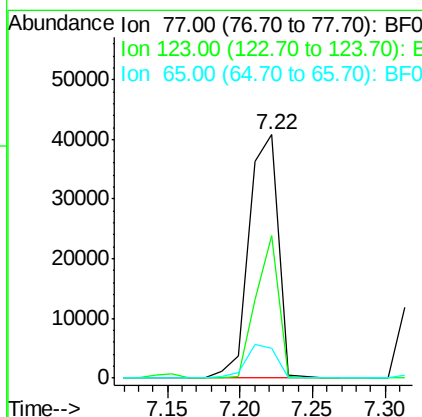
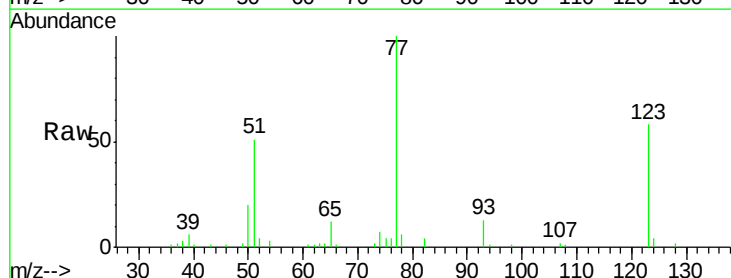
Instrument :
 BNA_F
 ClientSampleId :
 PB93146BS

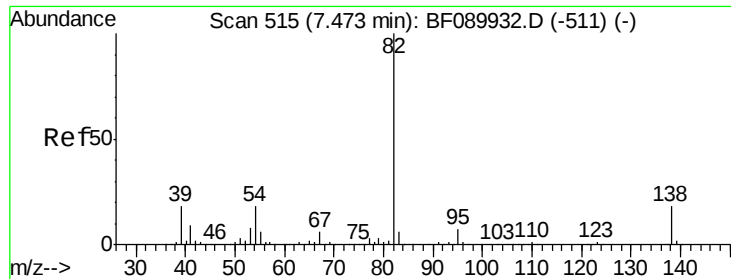
Tot Ion: 82 Resp: 927738
 Ion Ratio Lower Upper
 82 100
 128 44.4 37.8 56.8
 54 59.0 46.9 70.3



#24
 Nitrobenzene
 Concen: 3.27 ng
 RT: 7.22 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: BF089939.D
 Acq: 31 Aug 2016 9:58

Tgt Ion: 77 Resp: 56759
 Ion Ratio Lower Upper
 77 100
 123 58.3 32.0 48.0#
 65 12.2 11.2 16.8





#25

Isophorone

Concen: 3.33 ng

RT: 7.46 min Scan# 514

Delta R.T. -0.01 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

Instrument :

BNA_F

ClientSampleId :

PB93146BS

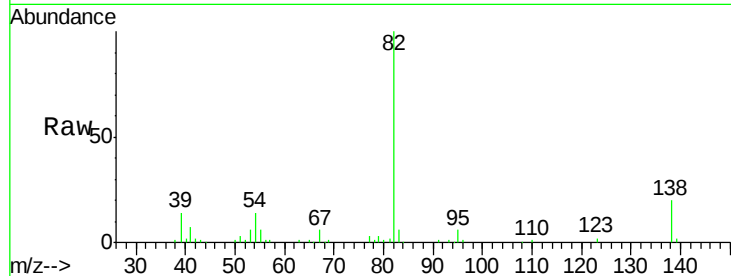
Tot Ion: 82 Resp: 110706

Ion Ratio Lower Upper

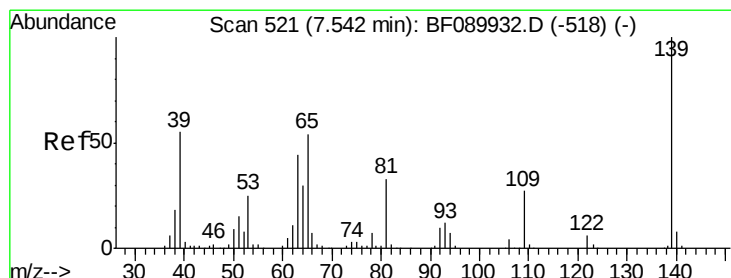
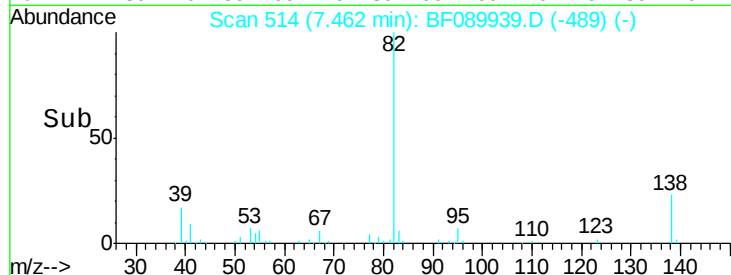
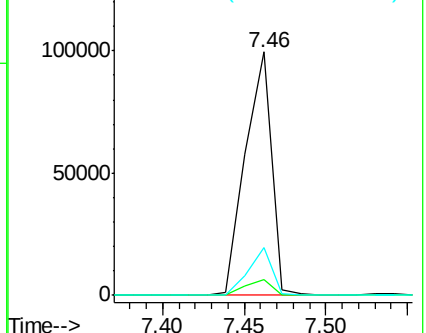
82 100

95 6.4 5.5 8.3

138 19.7 14.4 21.6



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



#26

2-Nitrophenol

Concen: 2.93 ng

RT: 7.54 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

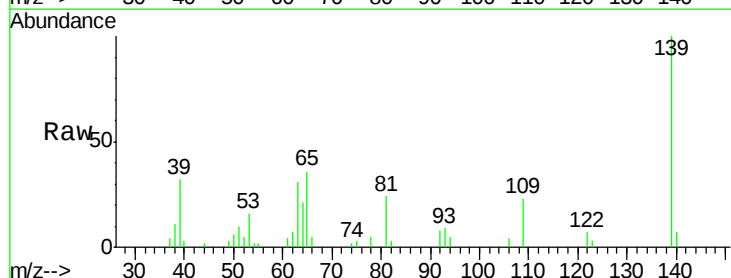
Tgt Ion: 139 Resp: 24355

Ion Ratio Lower Upper

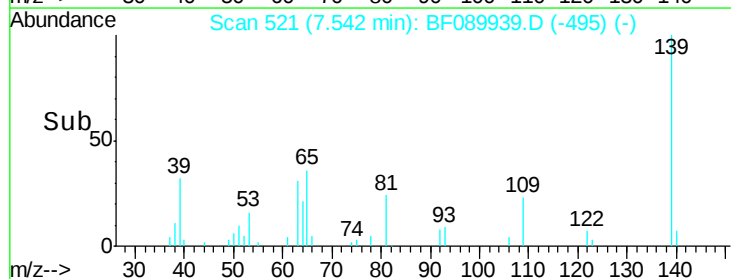
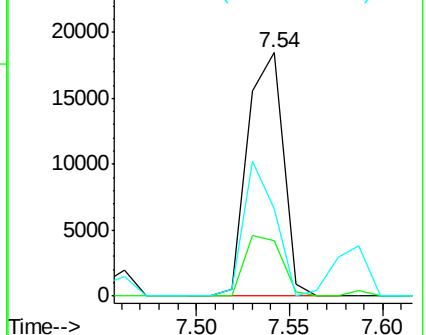
139 100

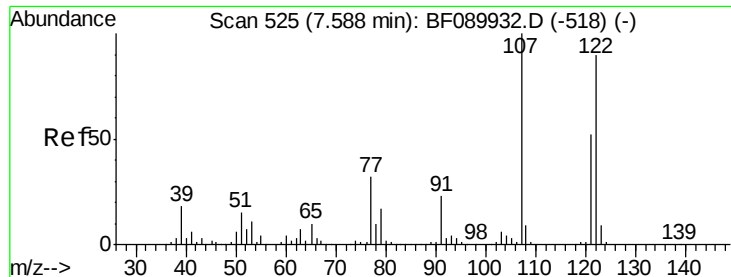
109 22.7 21.0 31.4

65 35.9 43.4 65.0#



Abundance Ion 139.00 (138.70 to 139.70): BF0
Ion 109.00 (108.70 to 109.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 3.65 ng

RT: 7.59 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

Instrument :

BNA_F

ClientSampleId :

PB93146BS

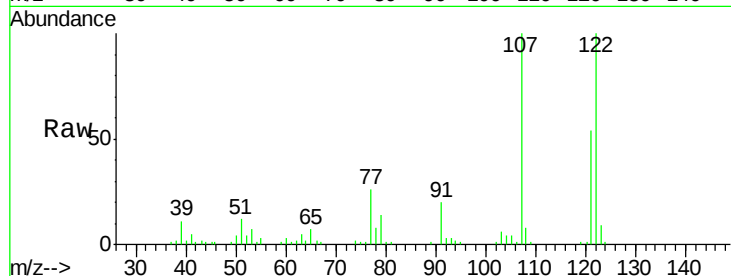
Tot Ion:122 Resp: 56077

Ion Ratio Lower Upper

122 100

107 99.8 88.5 132.7

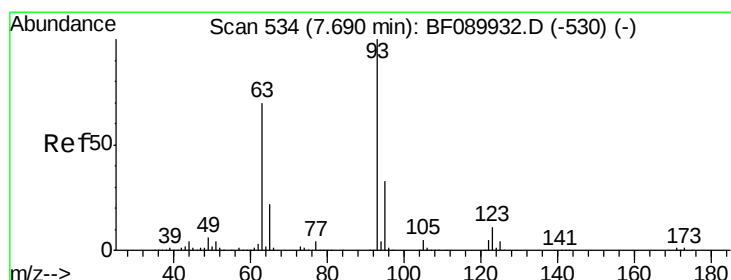
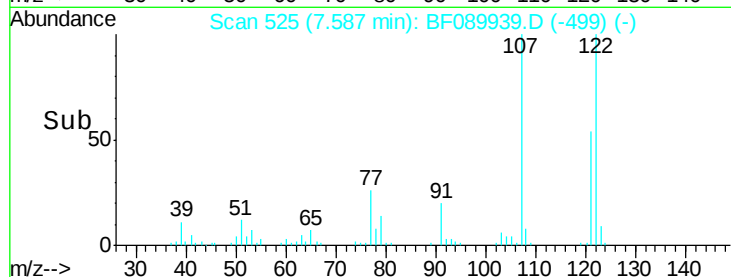
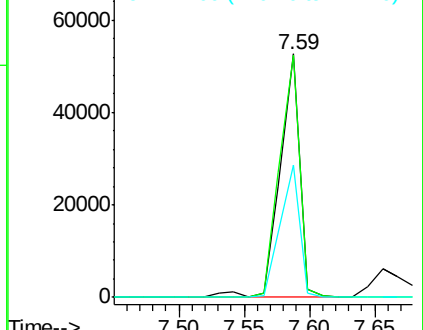
121 54.1 46.0 69.0



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: 3.51 ng

RT: 7.68 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

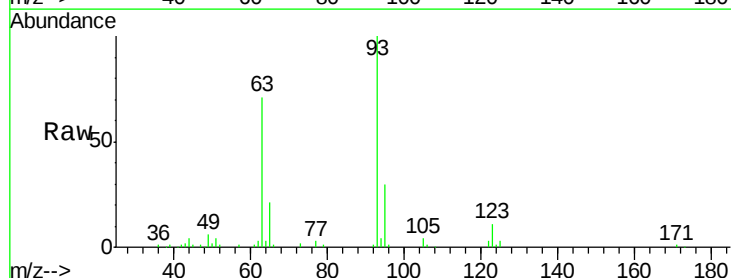
Tgt Ion: 93 Resp: 70405

Ion Ratio Lower Upper

93 100

95 30.4 26.6 40.0

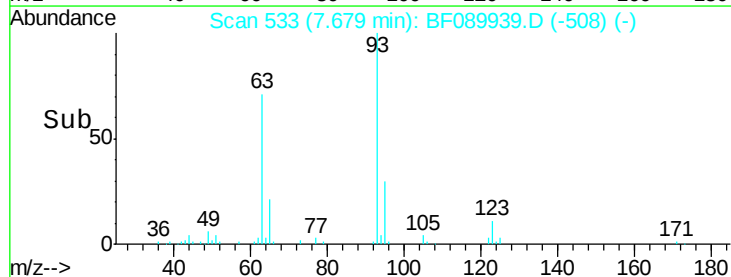
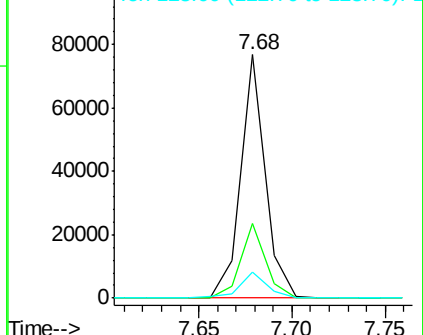
123 10.5 9.1 13.7

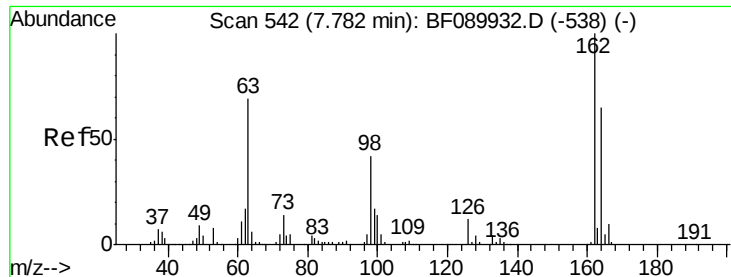


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

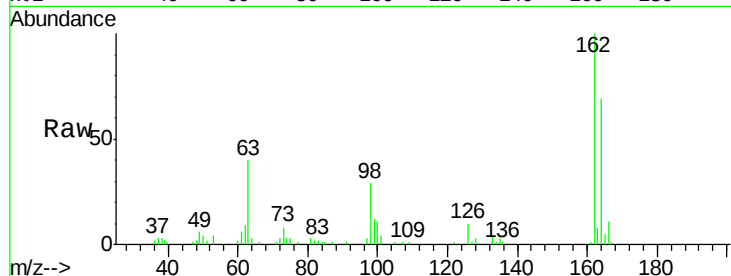




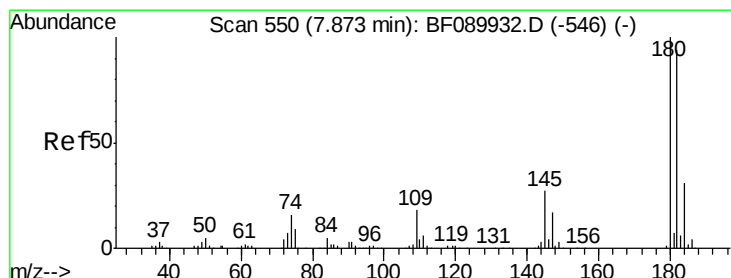
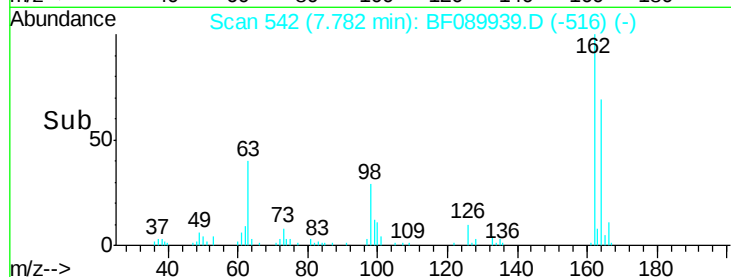
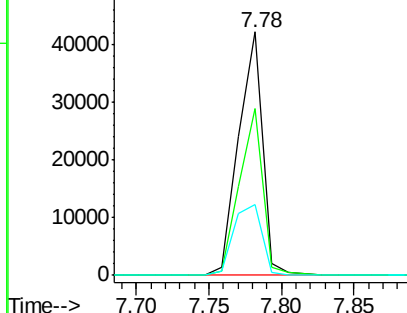
#29
2,4-Dichlorophenol
Concen: 3.51 ng
RT: 7.78 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Instrument :
BNA_F
ClientSampleId :
PB93146BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	68.6	46.6	86.6
98	29.2	22.0	62.0

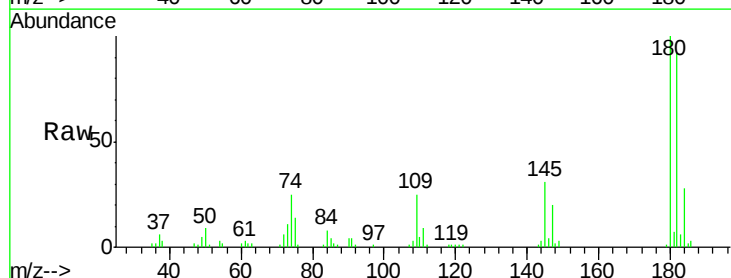


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

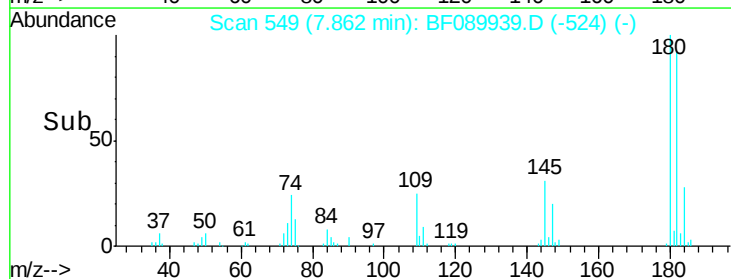
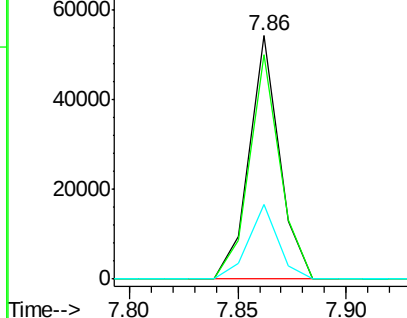


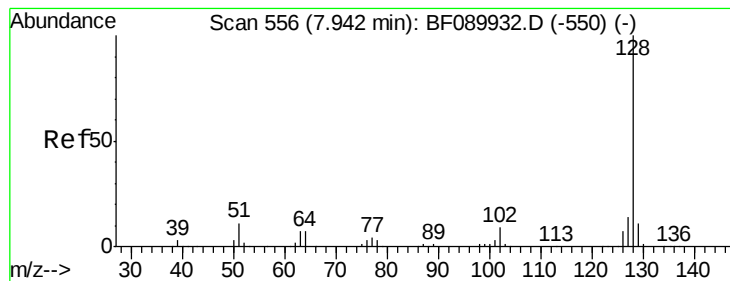
#30
1,2,4-Trichlorobenzene
Concen: 3.50 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.3	76.2	114.2
145	30.5	22.2	33.4



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 3.75 ng

RT: 7.94 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

Instrument :

BNA_F

ClientSampleId :

PB93146BS

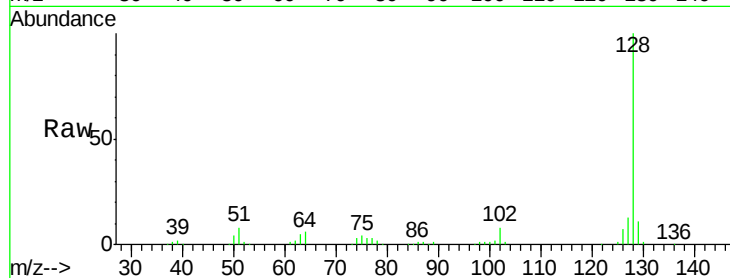
Tot Ion:128 Resp: 176950

Ion Ratio Lower Upper

128 100

129 10.7 9.4 14.0

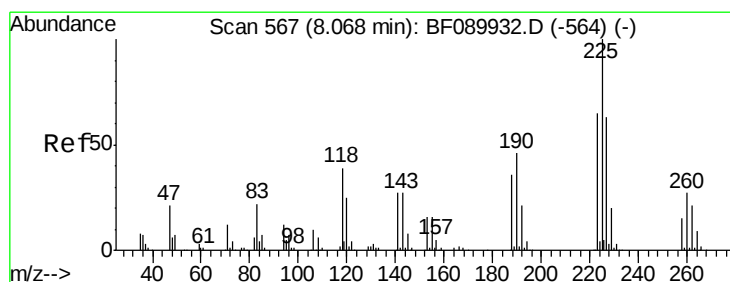
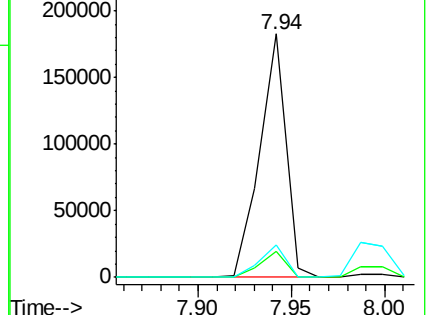
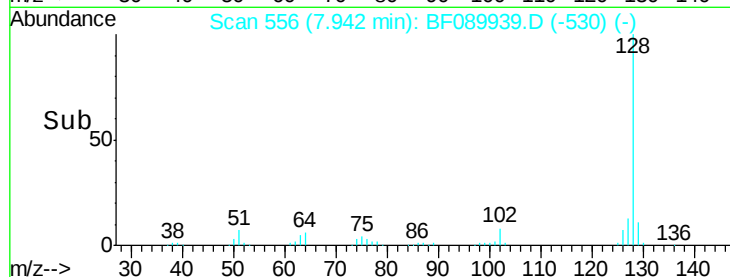
127 13.1 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#34

Hexachlorobutadiene

Concen: 3.47 ng

RT: 8.07 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

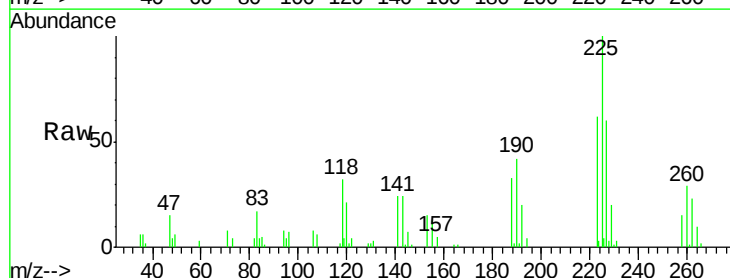
Tgt Ion:225 Resp: 30611

Ion Ratio Lower Upper

225 100

223 61.9 52.6 78.8

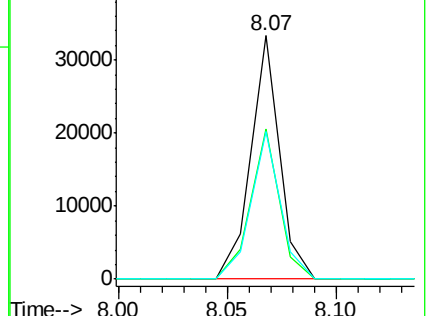
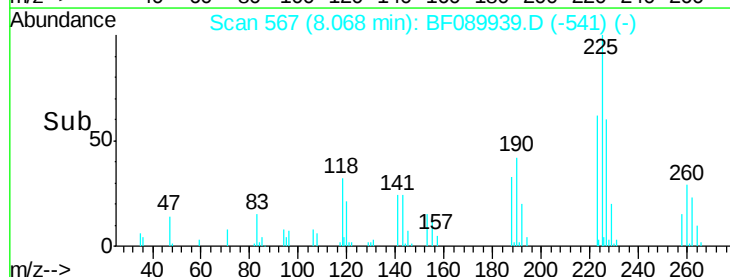
227 60.4 50.8 76.2

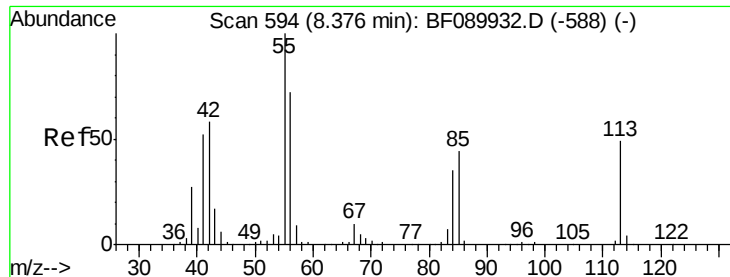


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

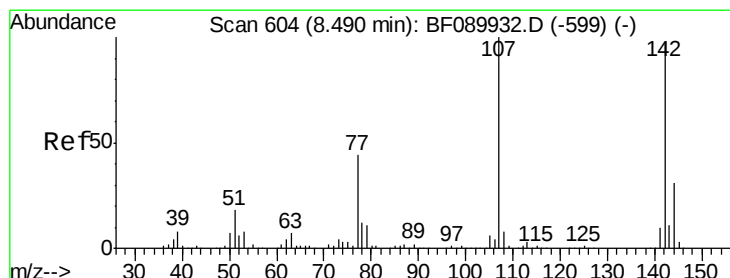
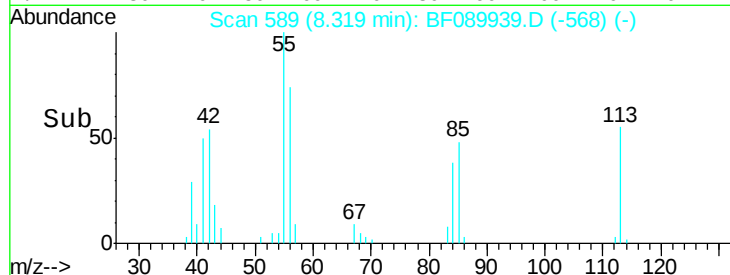
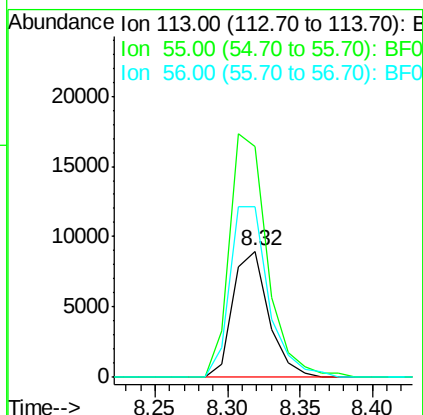
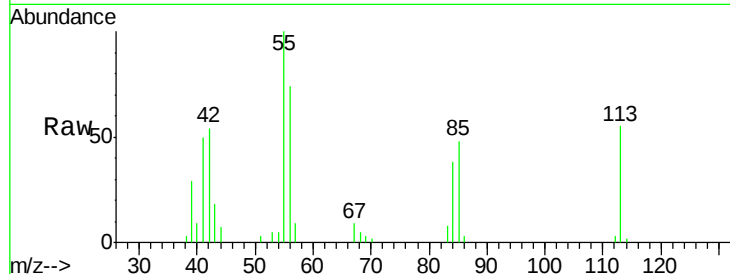




#35
 Caprolactam
 Concen: 3.55 ng
 RT: 8.32 min Scan# 589
 Delta R.T. -0.06 min
 Lab File: BF089939.D
 Acq: 31 Aug 2016 9:58

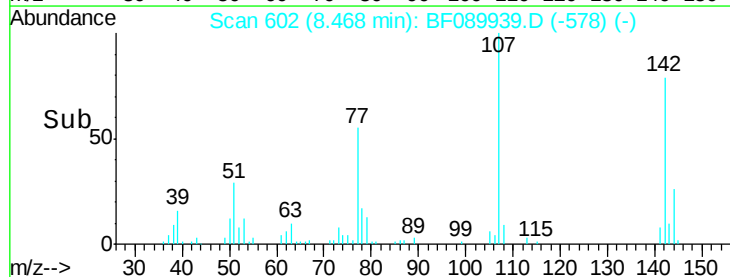
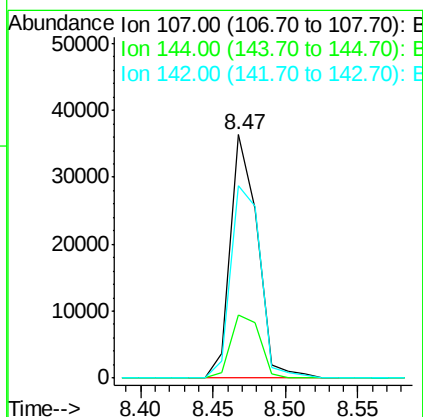
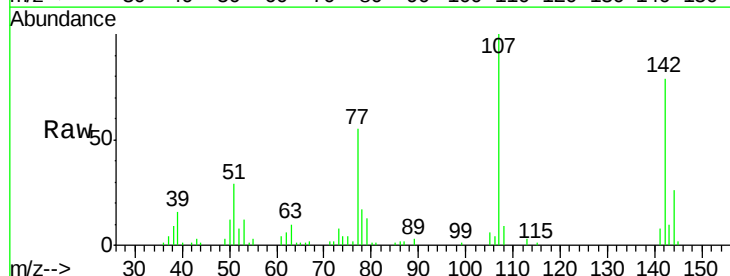
Instrument :
 BNA_F
 ClientSampleId :
 PB93146BS

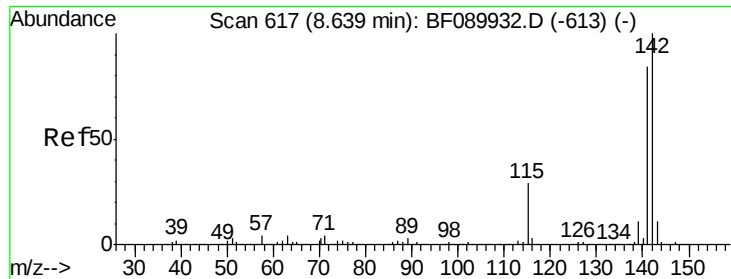
Tot Ion:113 Resp: 15431
 Ion Ratio Lower Upper
 113 100
 55 182.6 178.5 218.5
 56 135.2 122.7 162.7



#36
 4-Chloro-3-methylphenol
 Concen: 3.24 ng
 RT: 8.47 min Scan# 602
 Delta R.T. -0.02 min
 Lab File: BF089939.D
 Acq: 31 Aug 2016 9:58

Tgt Ion:107 Resp: 47182
 Ion Ratio Lower Upper
 107 100
 144 25.7 25.8 38.8#
 142 78.8 79.2 118.8#

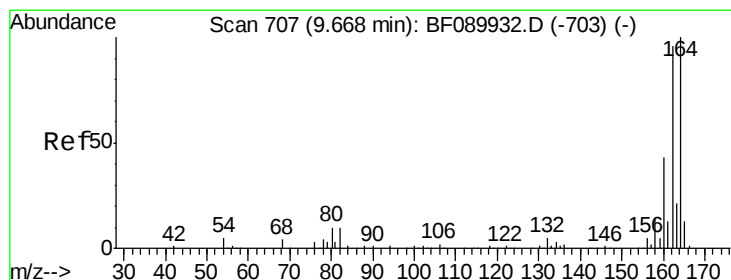
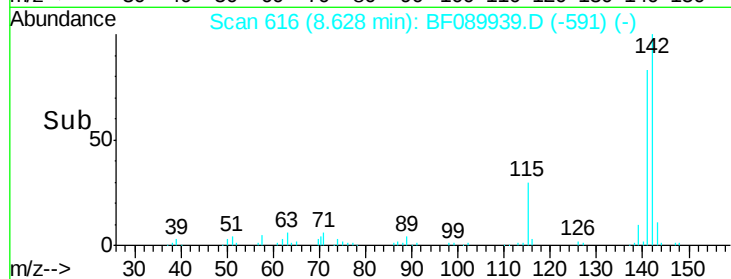
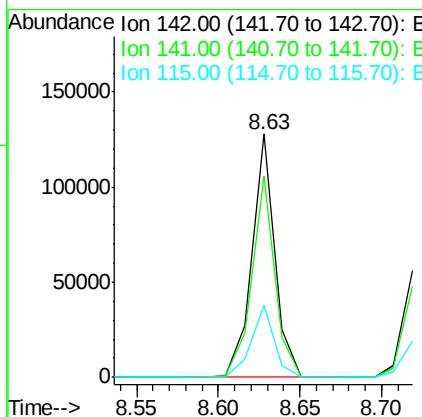
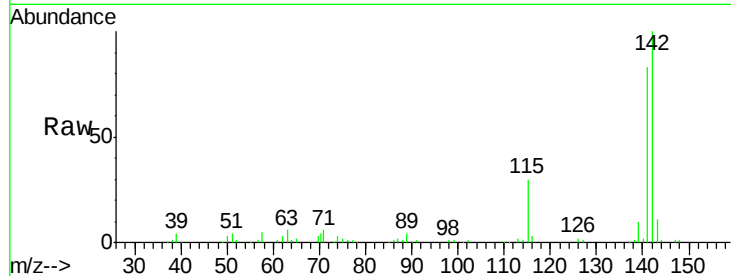




#37
2-Methylnaphthalene
Concen: 3.98 ng
RT: 8.63 min Scan# 616
Delta R.T. -0.01 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

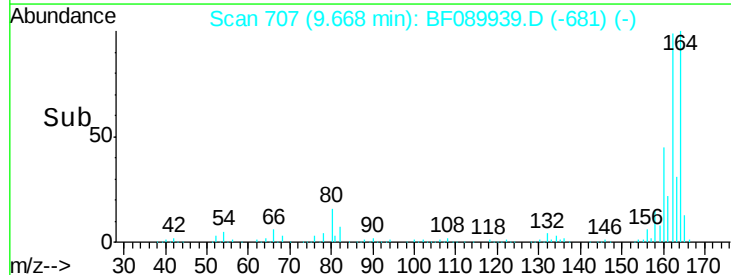
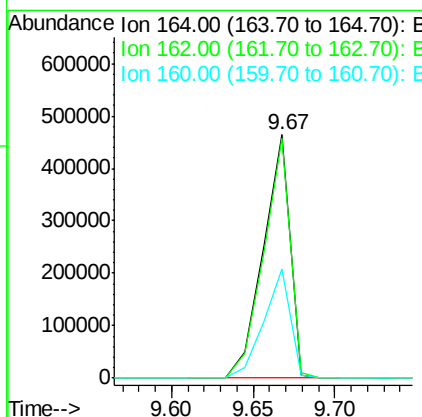
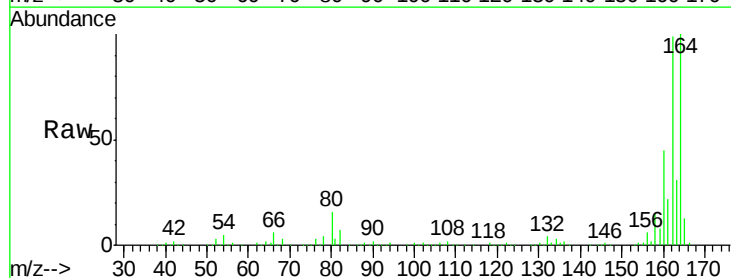
Instrument :
BNA_F
ClientSampleId :
PB93146BS

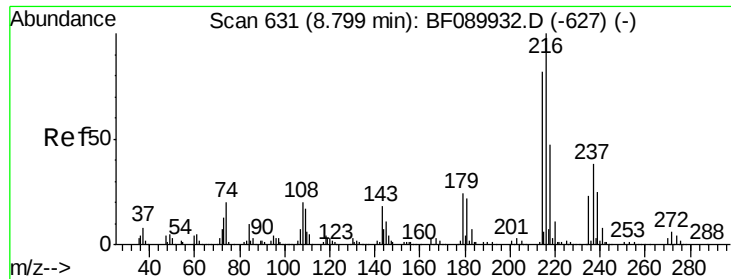
Tot Ion:142 Resp: 124073
Ion Ratio Lower Upper
142 100
141 82.6 68.3 102.5
115 29.7 23.8 35.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.67 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Tgt Ion:164 Resp: 529273
Ion Ratio Lower Upper
164 100
162 98.7 77.1 115.7
160 45.0 35.3 52.9

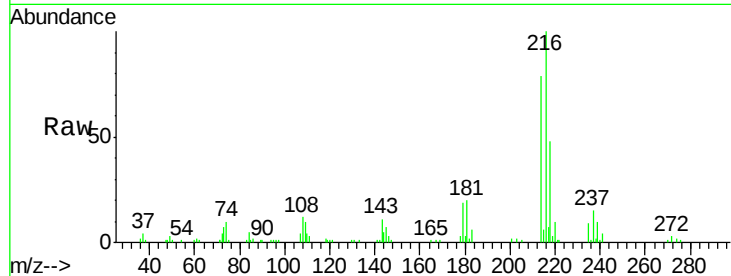




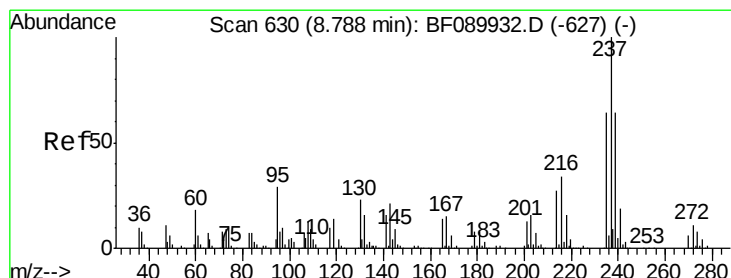
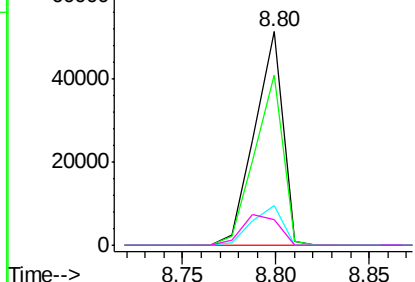
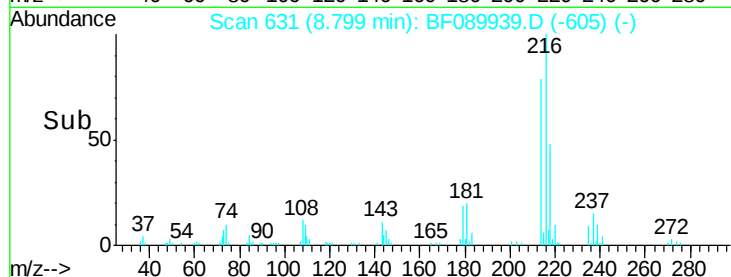
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 3.55 ng
 RT: 8.80 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: BF089939.D
 Acq: 31 Aug 2016 9:58

Instrument :
 BNA_F
 ClientSampleId :
 PB93146BS

Tot Ion:	216	Resp:	55019
Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.4	95.2
179	20.2	17.3	25.9
108	18.4	15.5	23.3

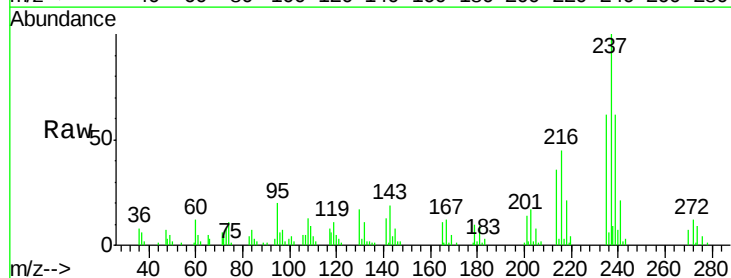


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

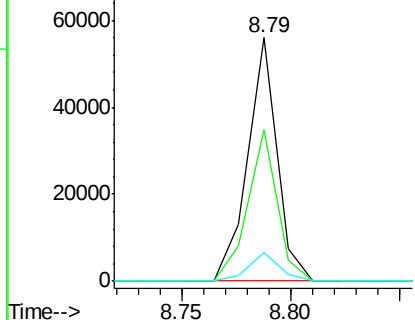
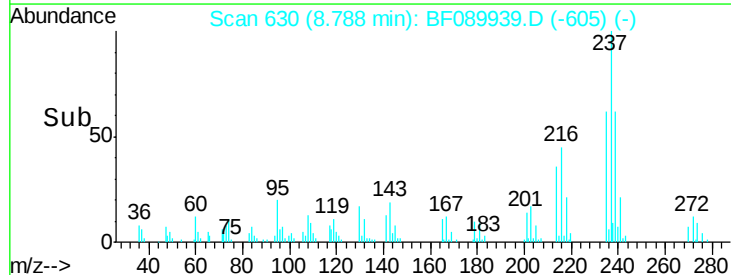


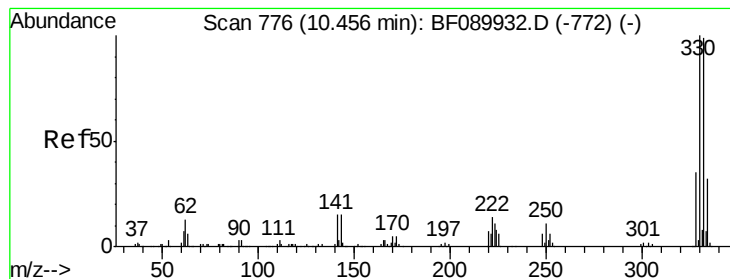
#40
 Hexachlorocyclopentadiene
 Concen: 6.62 ng
 RT: 8.79 min Scan# 630
 Delta R.T. -0.01 min
 Lab File: BF089939.D
 Acq: 31 Aug 2016 9:58

Tgt Ion:	237	Resp:	52619
Ion	Ratio	Lower	Upper
237	100		
235	62.4	39.6	79.6
272	11.6	0.0	34.6



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 57.76 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

Instrument :

BNA_F

ClientSampleId :

PB93146BS

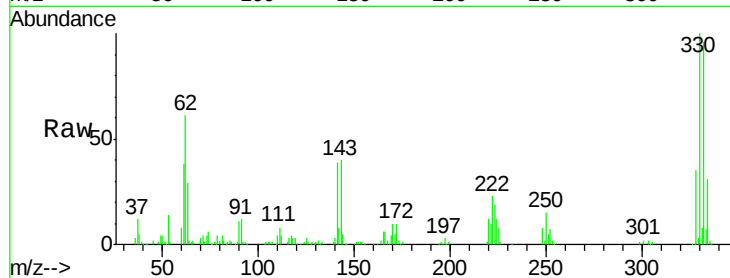
Tot Ion:330 Resp: 301583

Ion Ratio Lower Upper

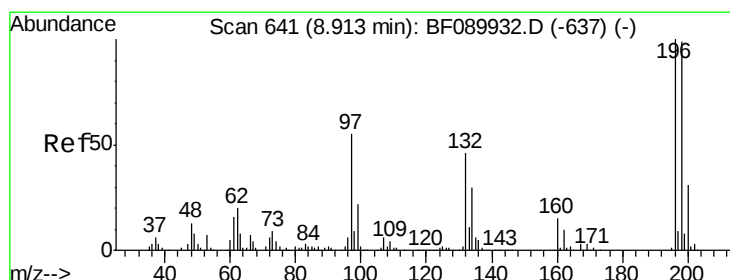
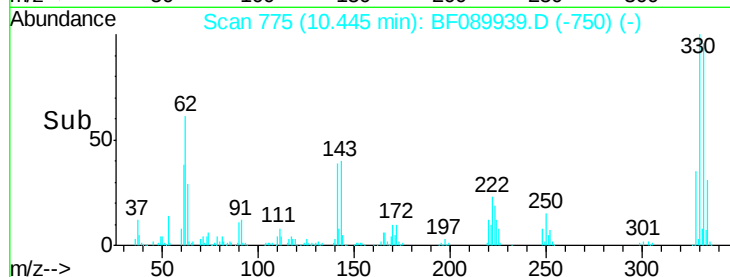
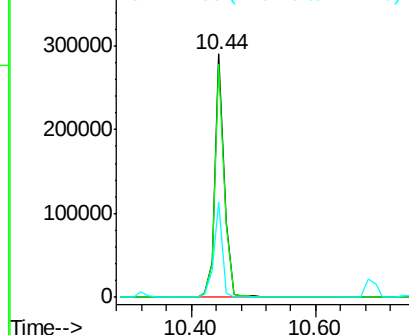
330 100

332 96.1 78.6 117.8

141 36.0 23.3 34.9#



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: 3.15 ng

RT: 8.91 min Scan# 641

Delta R.T. 0.00 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

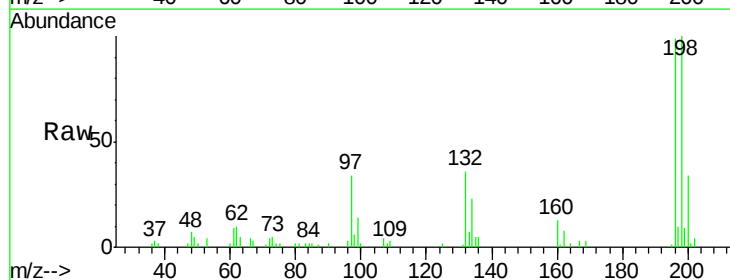
Tgt Ion:196 Resp: 33801

Ion Ratio Lower Upper

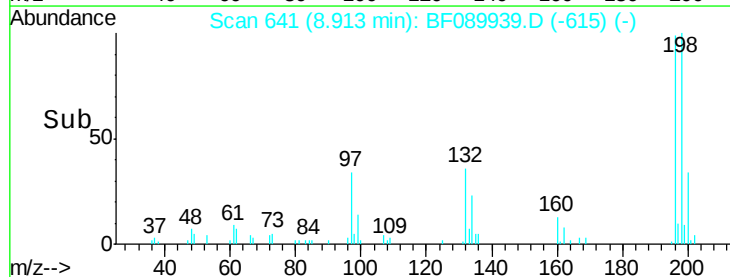
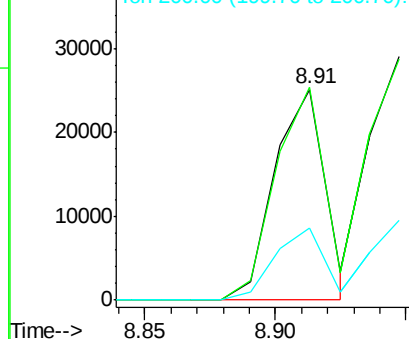
196 100

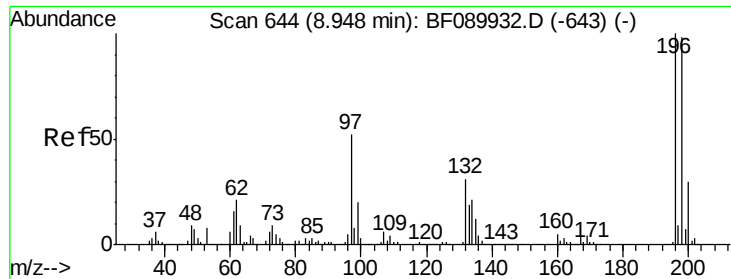
198 100.7 78.3 117.5

200 34.2 24.8 37.2



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

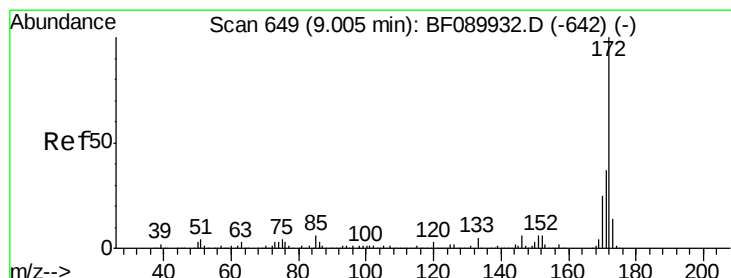
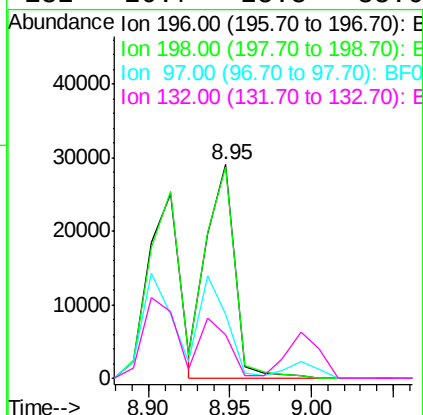
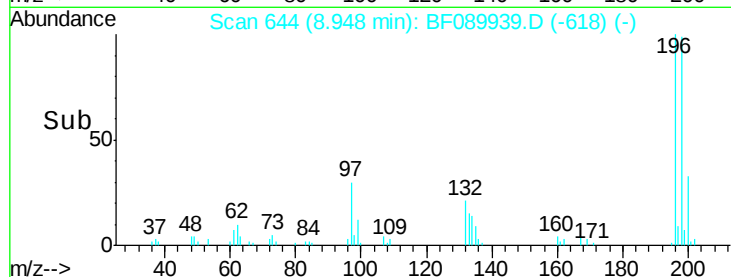
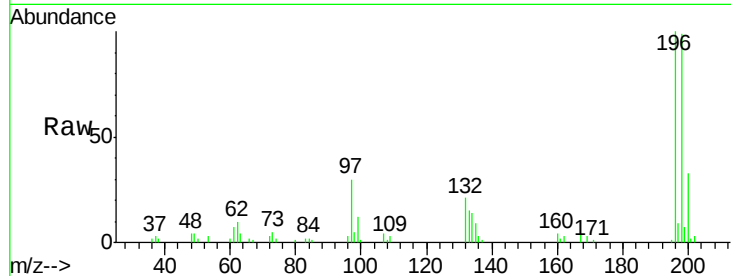




#43
 2,4,5-Trichlorophenol
 Concen: 3.44 ng
 RT: 8.95 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: BF089939.D
 Acq: 31 Aug 2016 9:58

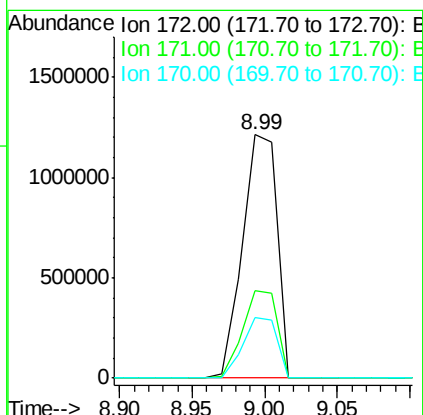
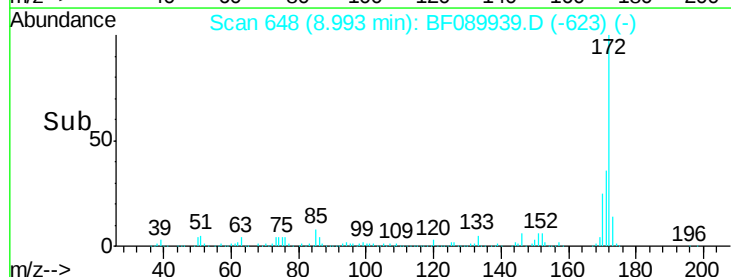
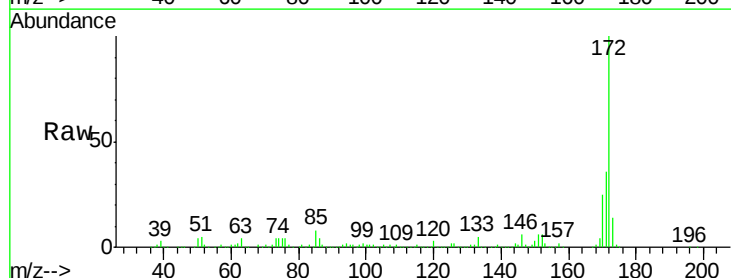
Instrument :
 BNA_F
 ClientSampleId :
 PB93146BS

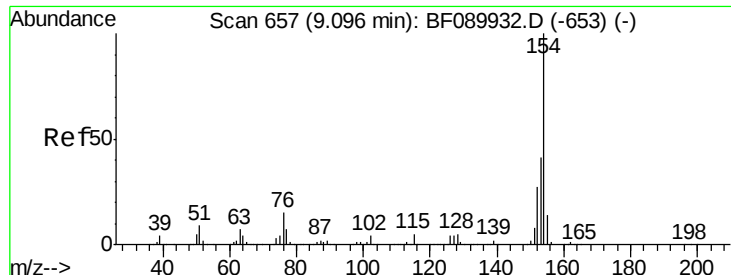
Tot Ion:196 Resp: 35572
 Ion Ratio Lower Upper
 196 100
 198 98.8 80.8 121.2
 97 30.0 44.2 66.4#
 132 20.7 25.8 38.6#



#44
 2-Fluorobiphenyl
 Concen: 61.88 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.01 min
 Lab File: BF089939.D
 Acq: 31 Aug 2016 9:58

Tgt Ion:172 Resp: 1995161
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.2
 170 24.8 20.1 30.1

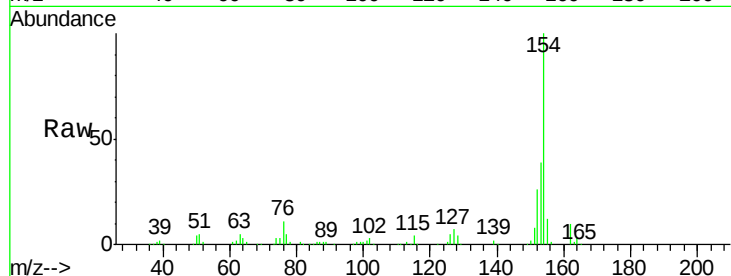




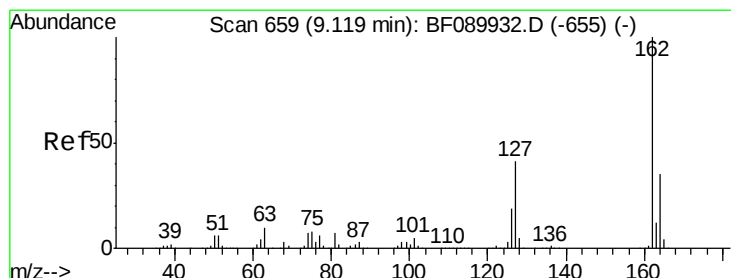
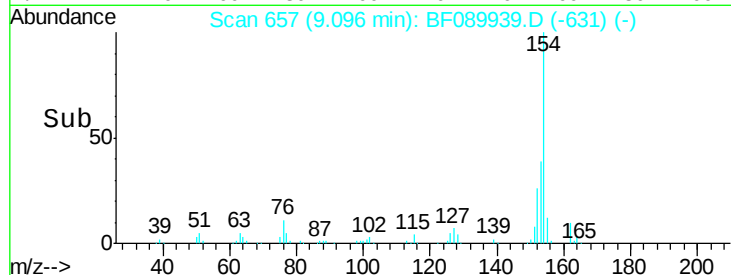
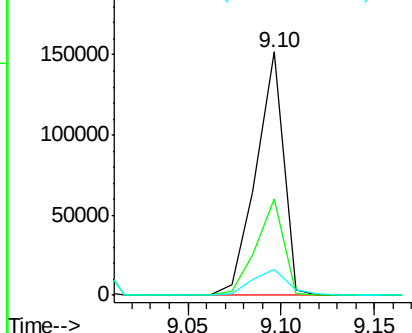
#45
 1,1'-Biphenyl
 Concen: 3.63 ng
 RT: 9.10 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF089939.D
 Acq: 31 Aug 2016 9:58

Instrument :
 BNA_F
 ClientSampleId :
 PB93146BS

Tot Ion:	154	Resp:	154797
Ion	Ratio	Lower	Upper
154	100		
153	39.5	20.6	60.6
76	10.5	0.0	34.9

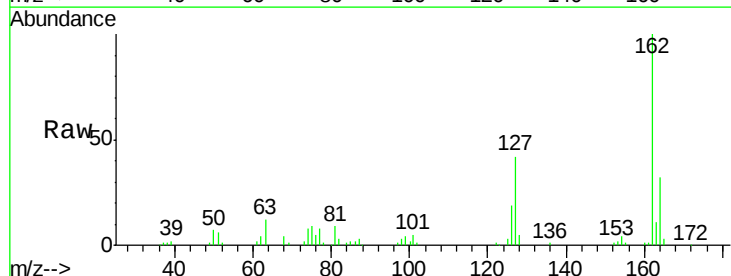


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

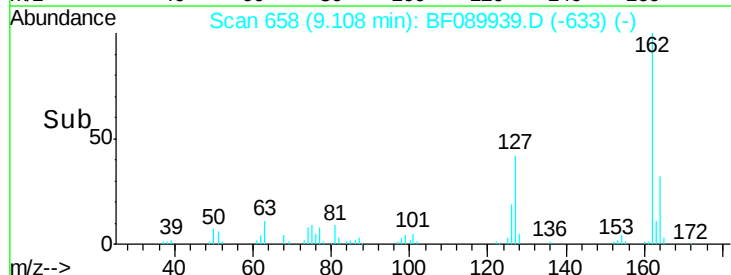
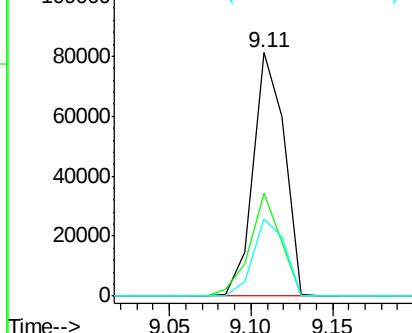


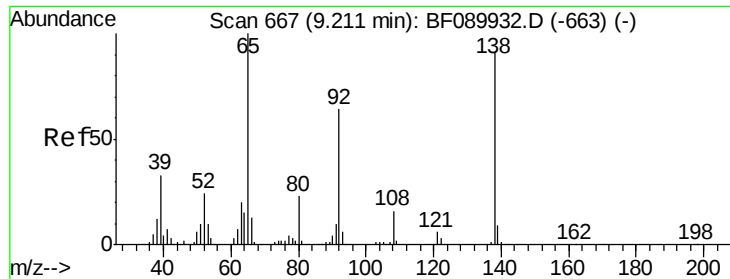
#46
 2-Chloronaphthalene
 Concen: 3.56 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF089939.D
 Acq: 31 Aug 2016 9:58

Tgt Ion:	162	Resp:	107351
Ion	Ratio	Lower	Upper
162	100		
127	42.1	33.5	50.3
164	31.9	28.2	42.4



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

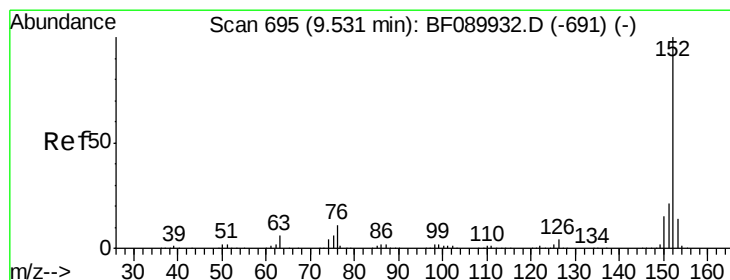
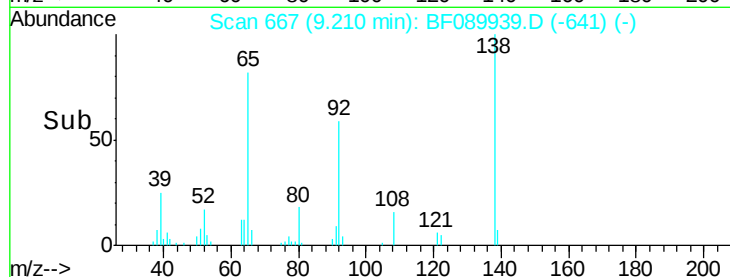
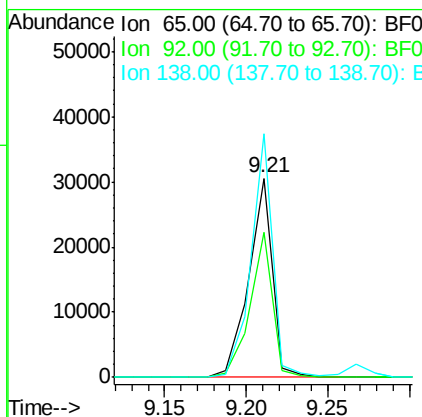
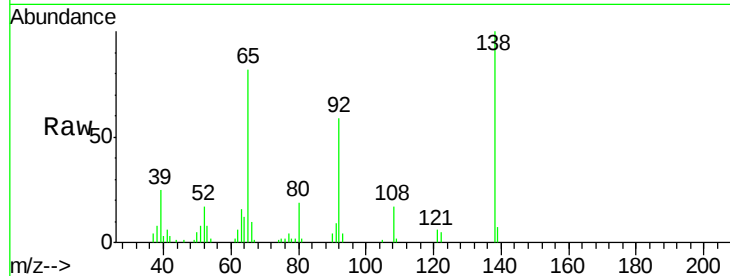




#47
2-Nitroaniline
Concen: 3.10 ng
RT: 9.21 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

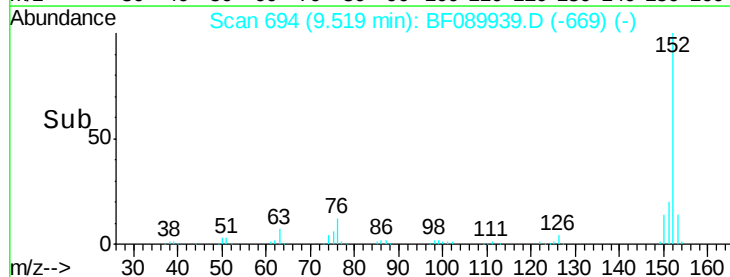
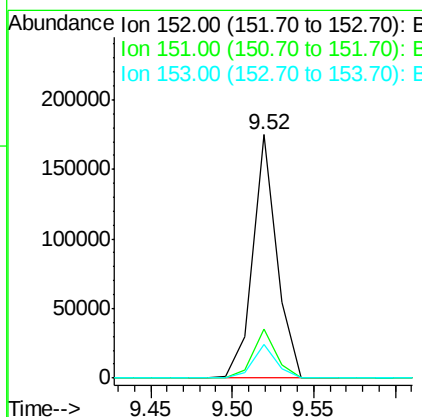
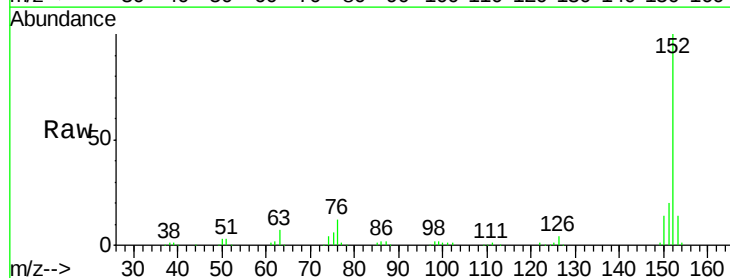
Instrument :
BNA_F
ClientSampleId :
PB93146BS

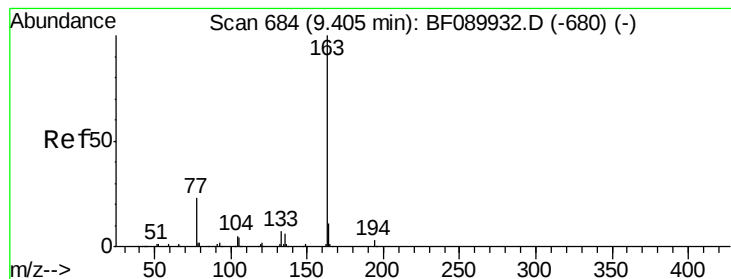
Tot Ion: 65 Resp: 30591
Ion Ratio Lower Upper
65 100
92 72.6 52.0 78.0
138 122.2 72.1 108.1#



#48
Acenaphthylene
Concen: 3.59 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Tgt Ion: 152 Resp: 179171
Ion Ratio Lower Upper
152 100
151 20.0 16.7 25.1
153 13.8 11.6 17.4





#49

Dimethylphthalate

Concen: 3.65 ng

RT: 9.39 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

Instrument :

BNA_F

ClientSampleId :

PB93146BS

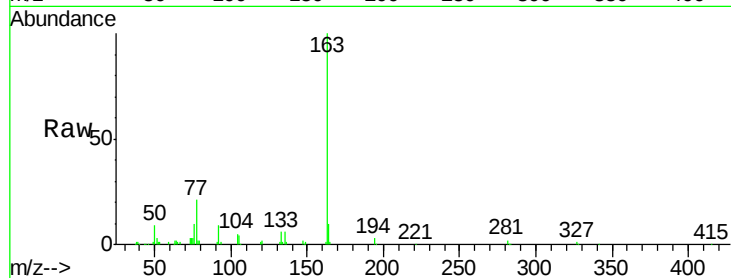
Tot Ion:163 Resp: 139584

Ion Ratio Lower Upper

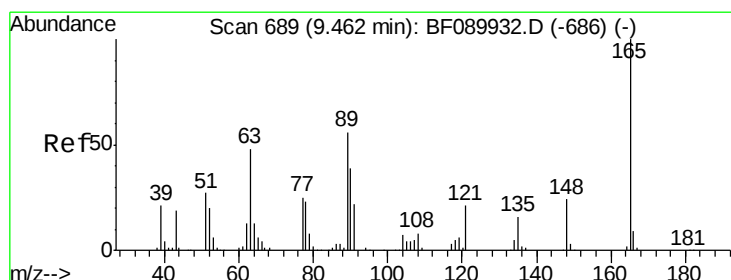
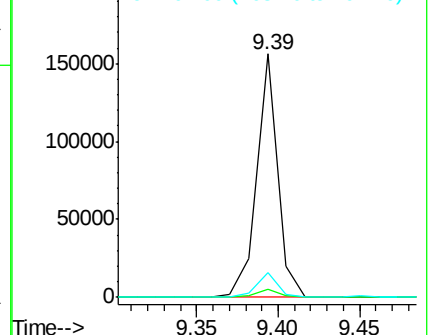
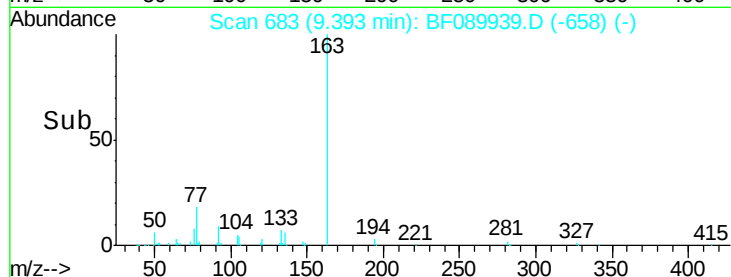
163 100

194 3.1 2.7 4.1

164 10.3 9.0 13.4



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: 3.47 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

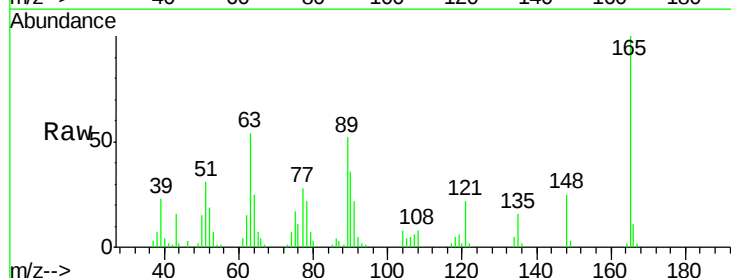
Tgt Ion:165 Resp: 29521

Ion Ratio Lower Upper

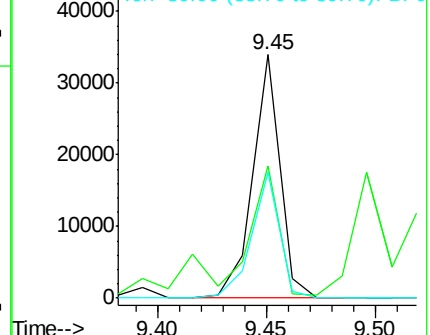
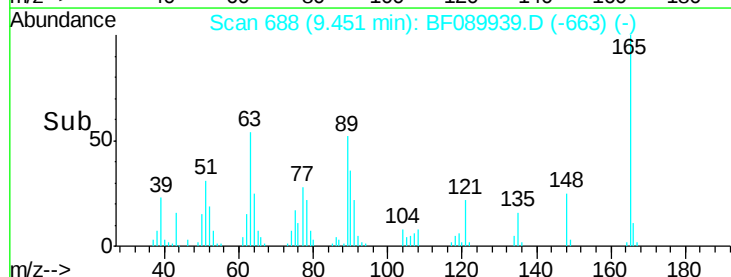
165 100

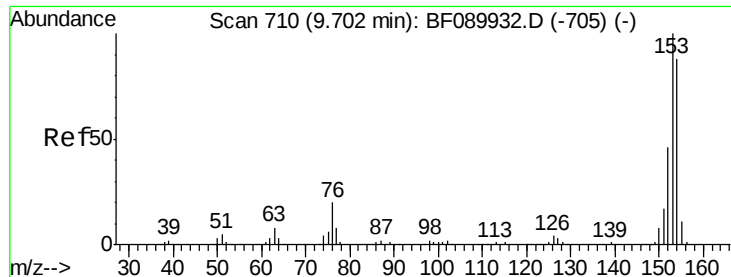
63 54.4 45.0 67.4

89 51.6 41.5 62.3



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: 3.55 ng

RT: 9.69 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

Instrument :

BNA_F

ClientSampleId :

PB93146BS

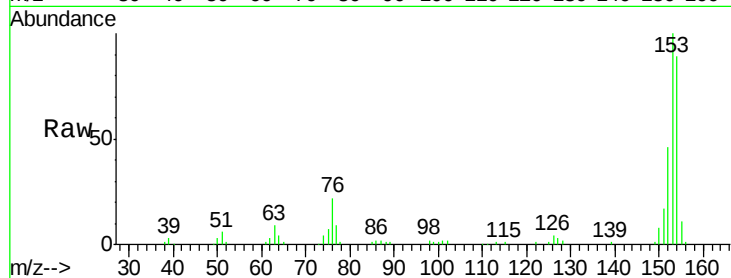
Tot Ion:154 Resp: 111992

Ion Ratio Lower Upper

154 100

153 112.9 90.6 135.8

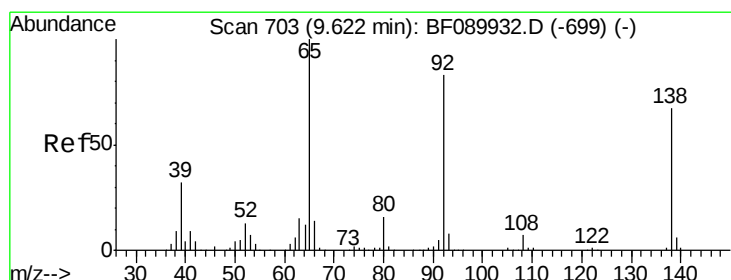
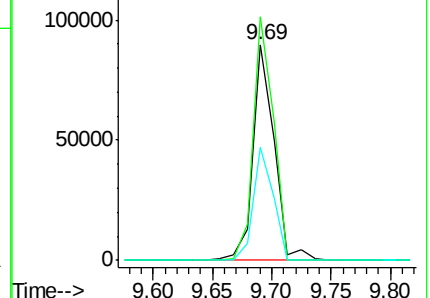
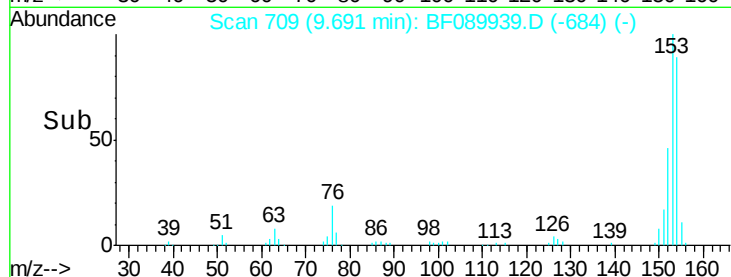
152 52.4 42.4 63.6



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: 2.97 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.01 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

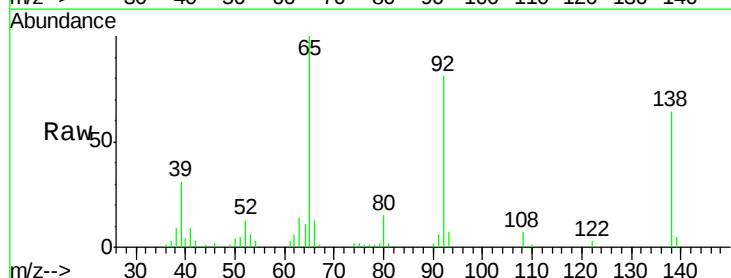
Tgt Ion:138 Resp: 28825

Ion Ratio Lower Upper

138 100

108 11.2 8.3 12.5

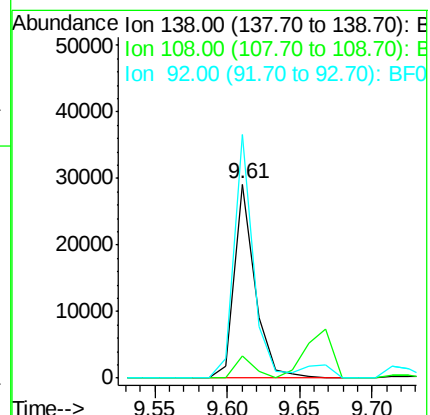
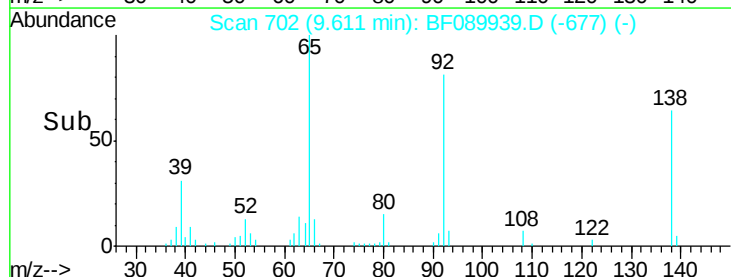
92 125.5 99.1 148.7

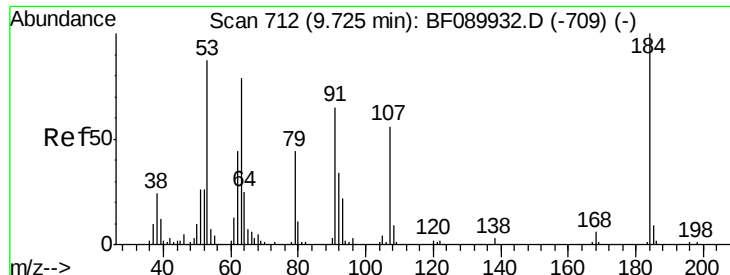


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

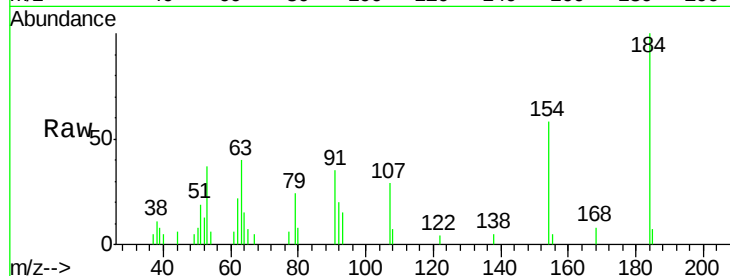




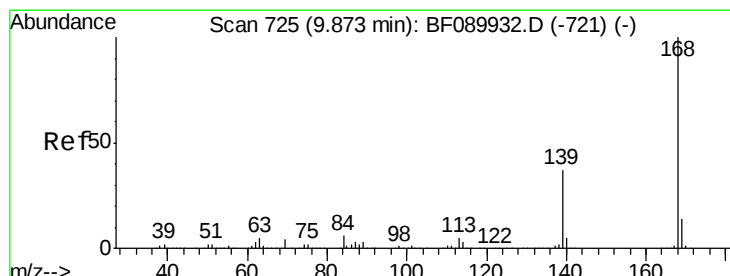
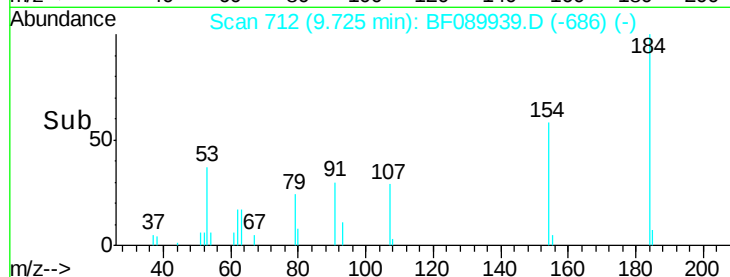
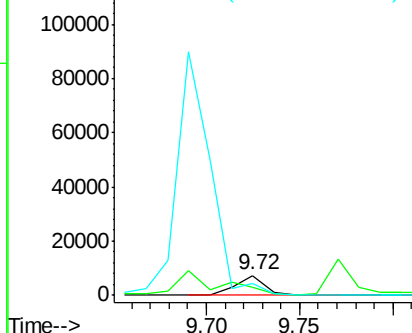
#53
2,4-Dinitrophenol
Concen: 4.47 ng
RT: 9.72 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Instrument :
BNA_F
ClientSampleId :
PB93146BS

Tot Ion:184 Resp: 8150
Ion Ratio Lower Upper
184 100
63 40.2 73.9 110.9#
154 58.1 53.5 80.3

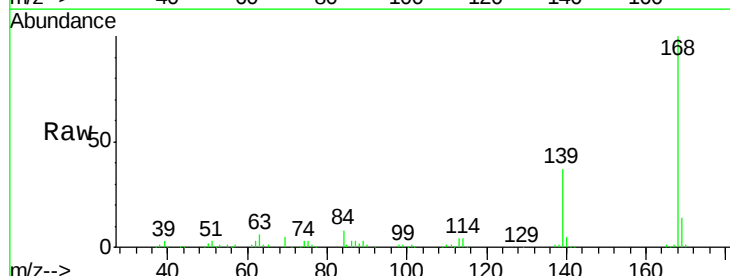


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

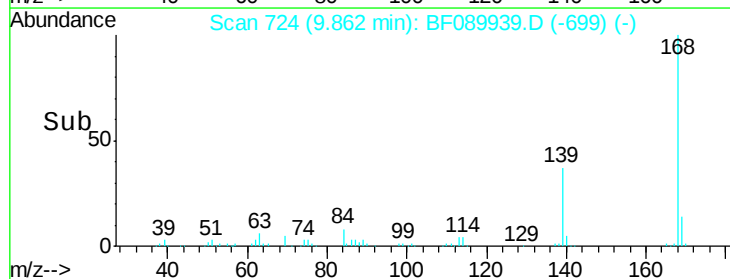
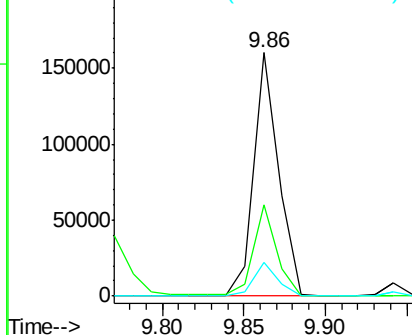


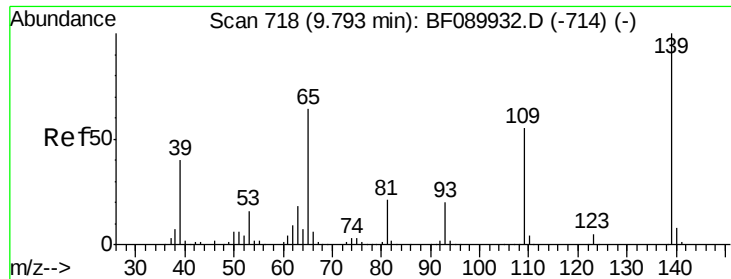
#54
Dibenzofuran
Concen: 4.00 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Tgt Ion:168 Resp: 169470
Ion Ratio Lower Upper
168 100
139 37.3 29.5 44.3
169 13.8 10.8 16.2



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

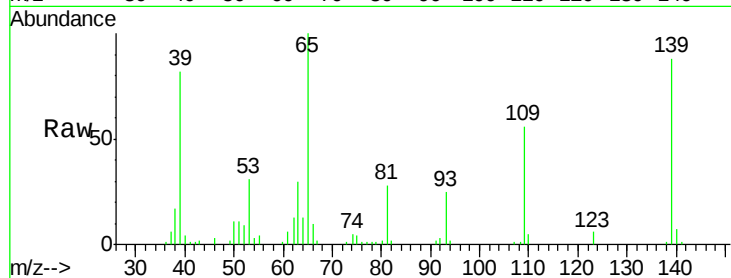




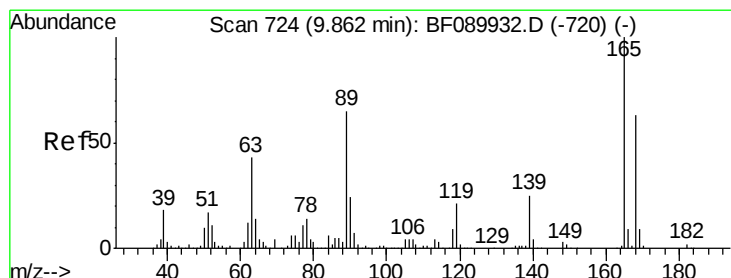
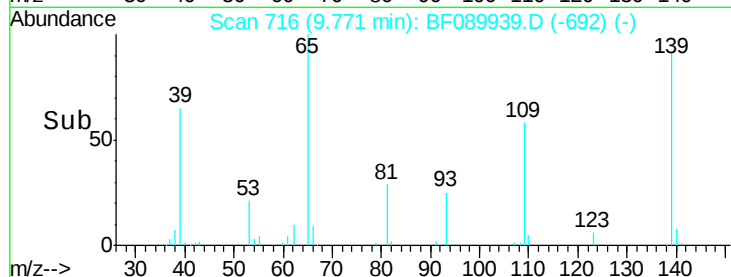
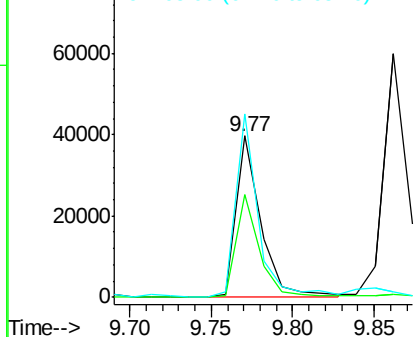
#55
4-Nitrophenol
Concen: 5.65 ng
RT: 9.77 min Scan# 716
Delta R.T. -0.02 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Instrument :
BNA_F
ClientSampleId :
PB93146BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	63.7	31.3	71.3
65	113.6	38.5	78.5

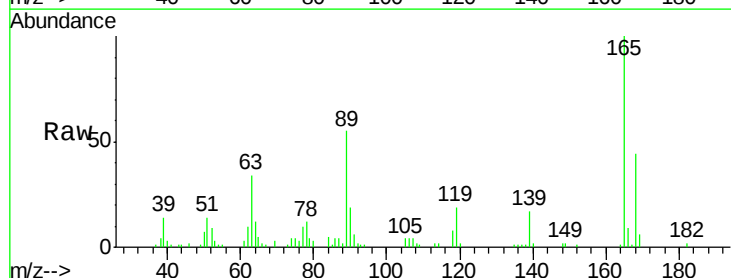


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

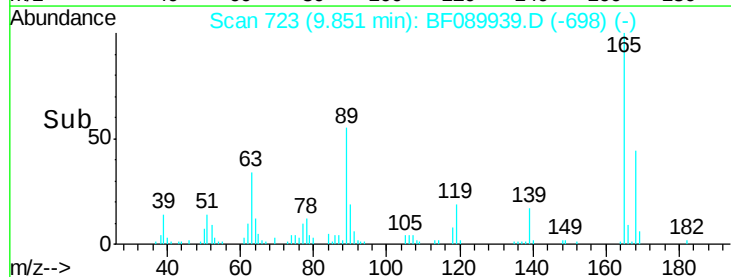
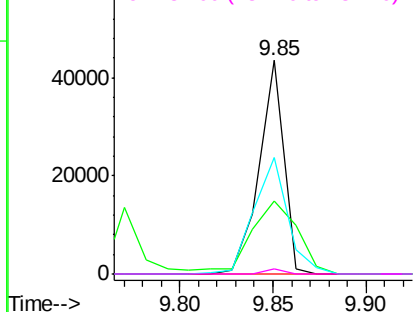


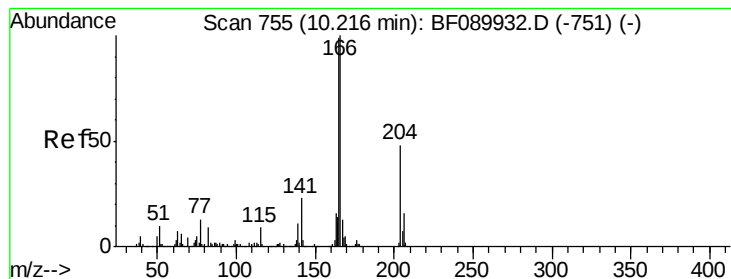
#56
2,4-Dinitrotoluene
Concen: 3.67 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	33.9	32.5	48.7
89	54.6	48.3	72.5
182	2.5	1.7	2.5



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: 4.65 ng

RT: 10.20 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

Instrument :

BNA_F

ClientSampleId :

PB93146BS

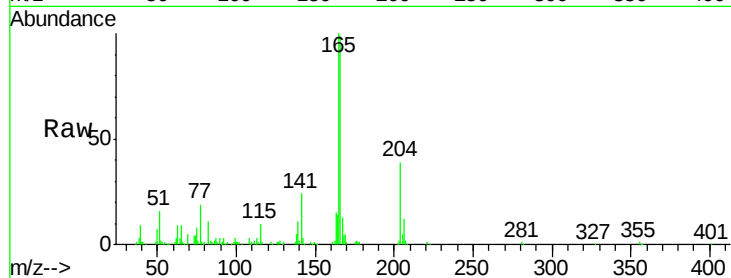
Tot Ion:166 Resp: 143706

Ion Ratio Lower Upper

166 100

165 100.7 78.6 118.0

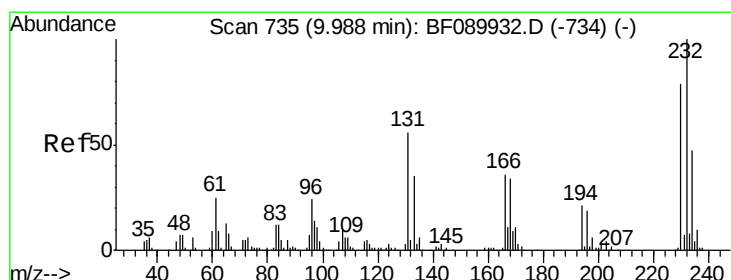
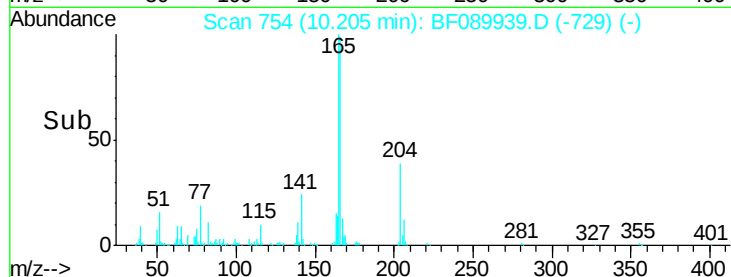
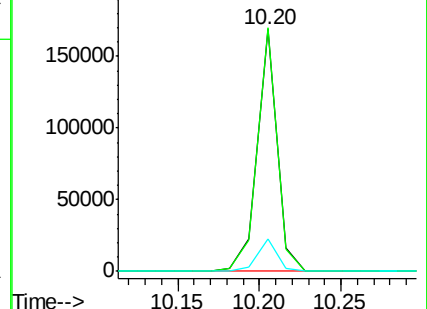
167 13.5 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 3.81 ng

RT: 9.99 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

Tgt Ion:232 Resp: 33667

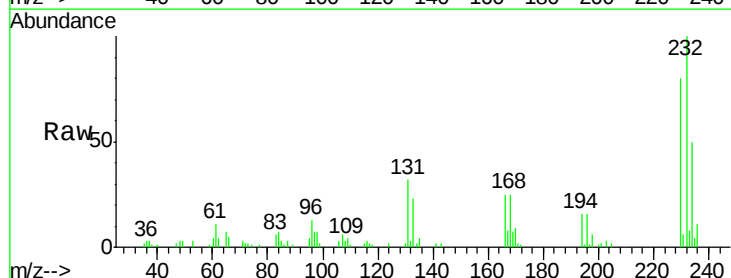
Ion Ratio Lower Upper

232 100

131 37.4 36.3 54.5

130 2.0 1.7 2.5

166 25.7 24.4 36.6

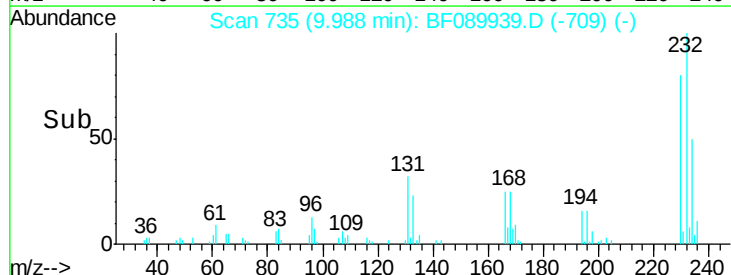
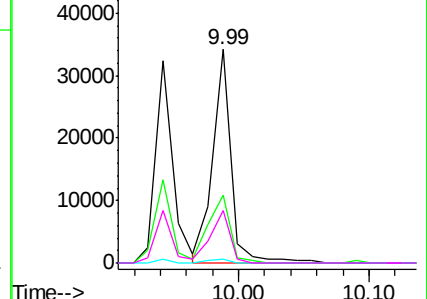


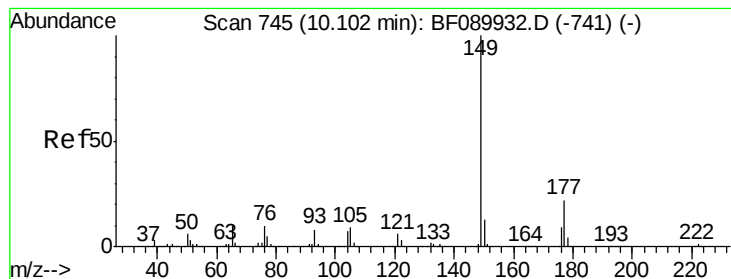
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 3.67 ng

RT: 10.09 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

Instrument :

BNA_F

ClientSampleId :

PB93146BS

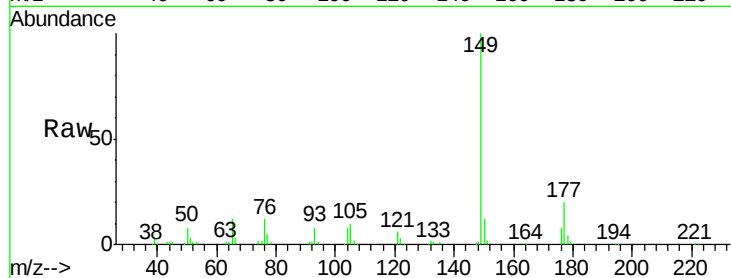
Tot Ion:149 Resp: 132078

Ion Ratio Lower Upper

149 100

177 20.4 17.7 26.5

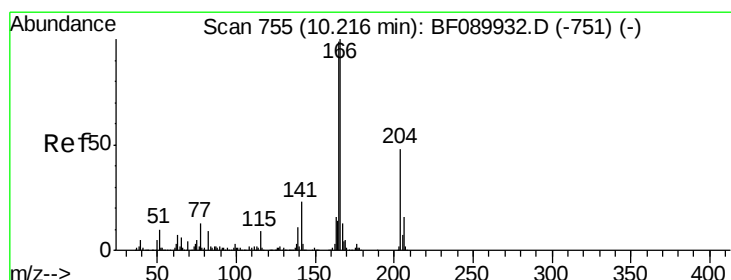
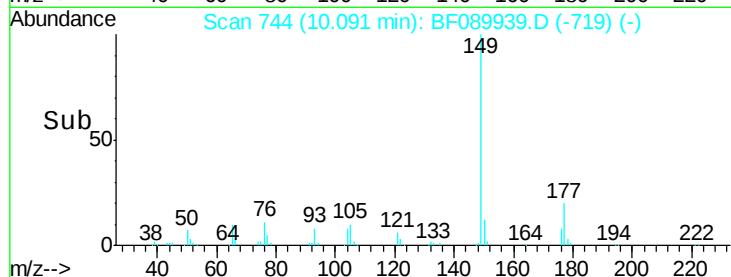
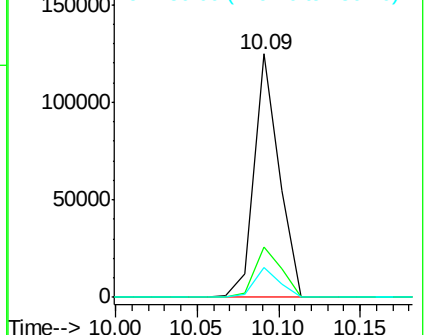
150 12.4 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 4.38 ng

RT: 10.20 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

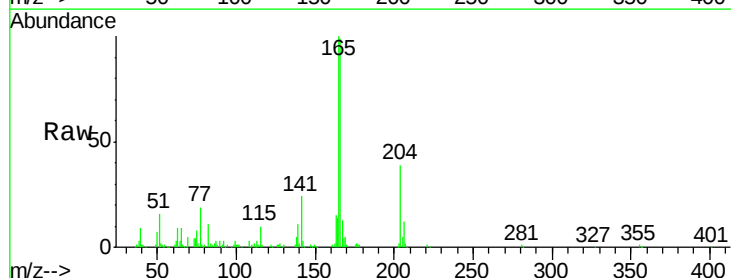
Tgt Ion:204 Resp: 63727

Ion Ratio Lower Upper

204 100

206 30.2 26.6 40.0

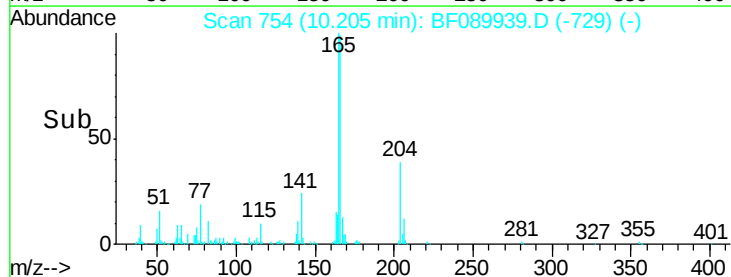
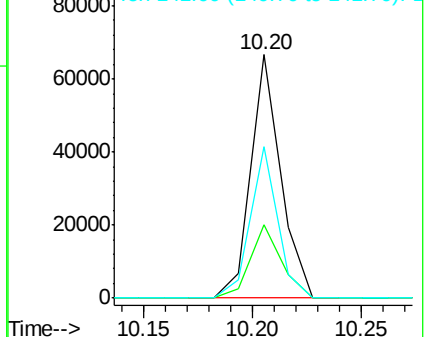
141 62.2 36.5 54.7#

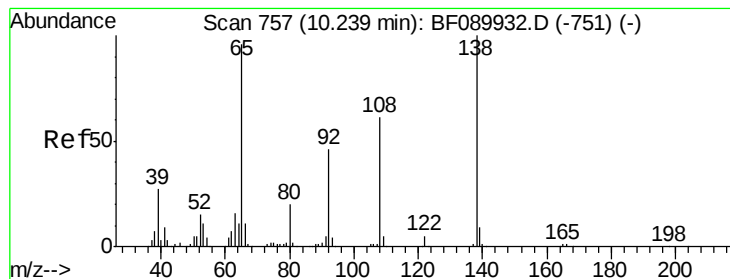


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 3.38 ng

RT: 10.22 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

Instrument :

BNA_F

ClientSampleID :

PB93146BS

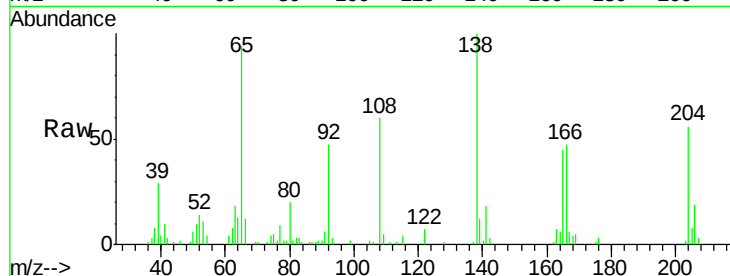
Tot Ion:138 Resp: 32193

Ion Ratio Lower Upper

138 100

92 47.0 21.2 61.2

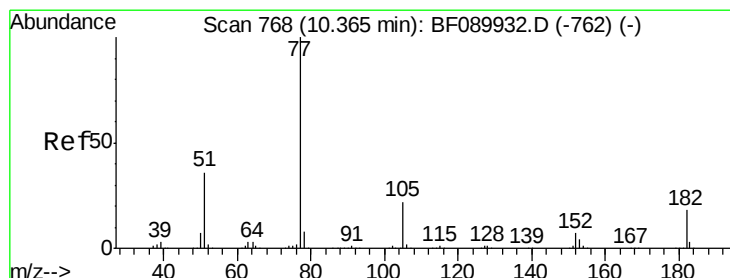
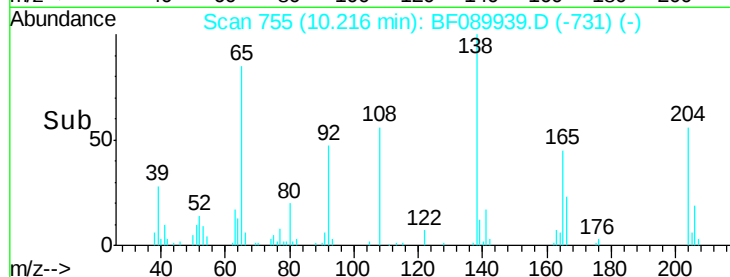
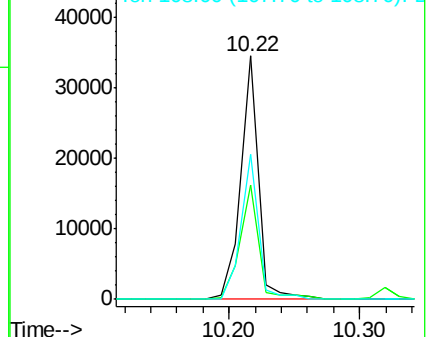
108 59.6 37.7 77.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 4.16 ng

RT: 10.36 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

Tgt Ion: 77 Resp: 149425

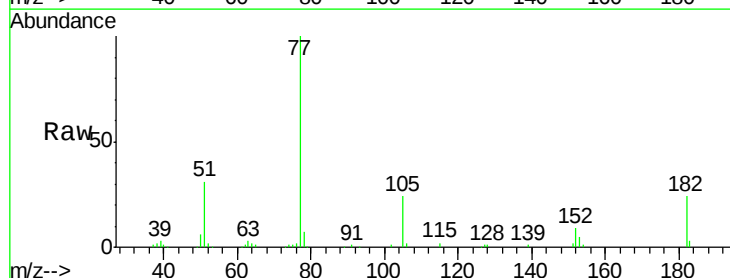
Ion Ratio Lower Upper

77 100

182 24.3 0.0 38.6

105 23.8 2.3 42.3

51 31.3 15.1 55.1

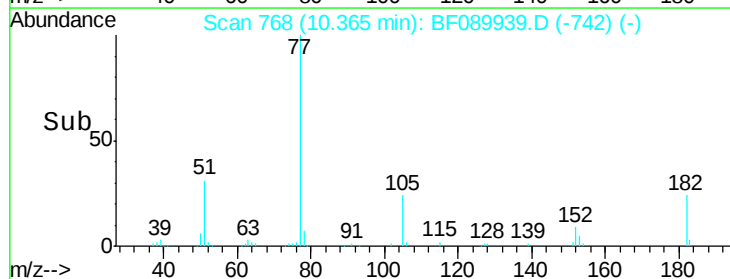
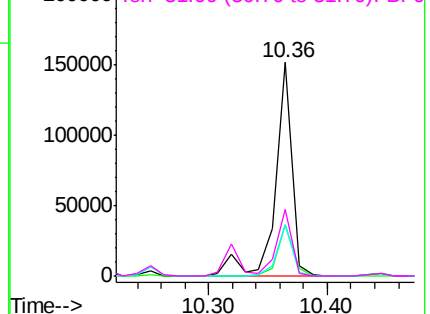


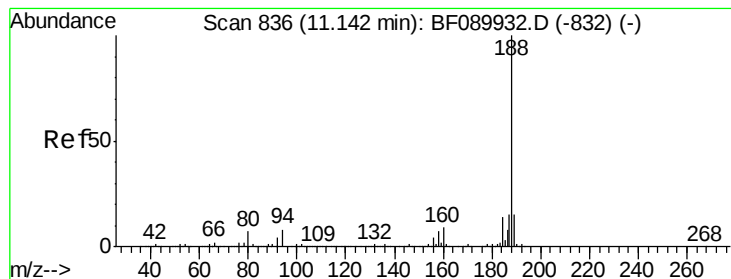
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.13 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

Instrument :

BNA_F

ClientSampled :

PB93146BS

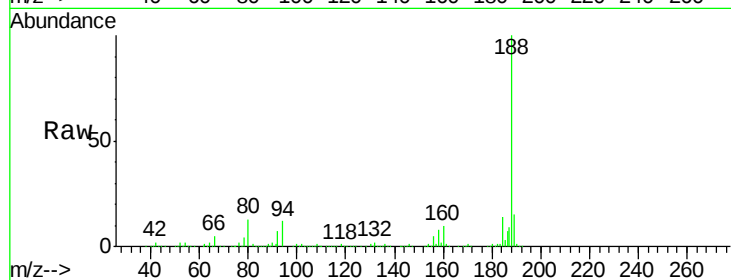
Tot Ion:188 Resp: 1056469

Ion Ratio Lower Upper

188 100

94 12.2 5.9 8.9#

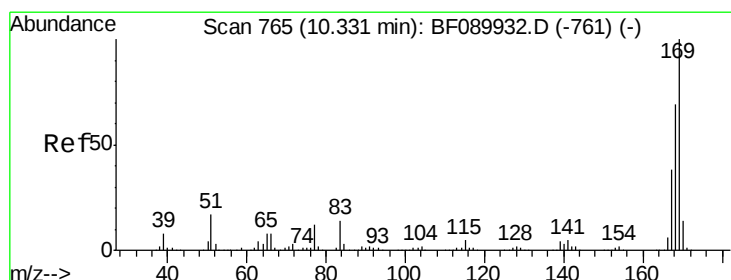
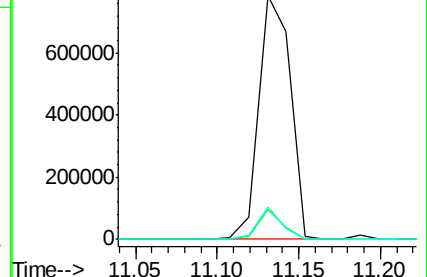
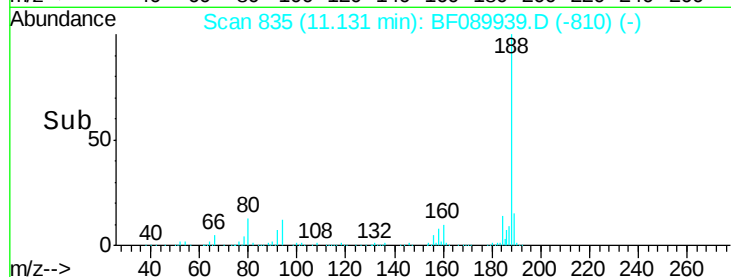
80 13.3 5.8 8.8#



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



#65

n-Nitrosodiphenylamine

Concen: 3.61 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

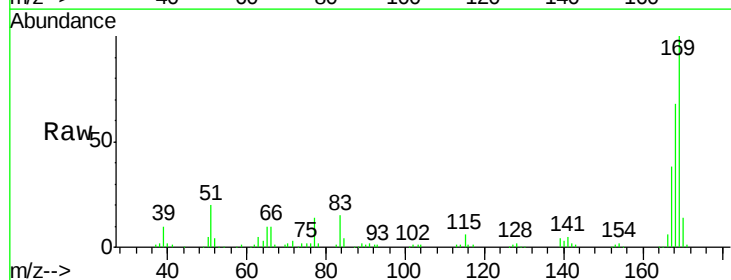
Tgt Ion:169 Resp: 114515

Ion Ratio Lower Upper

169 100

168 67.9 55.0 82.4

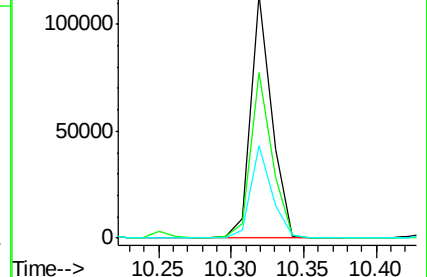
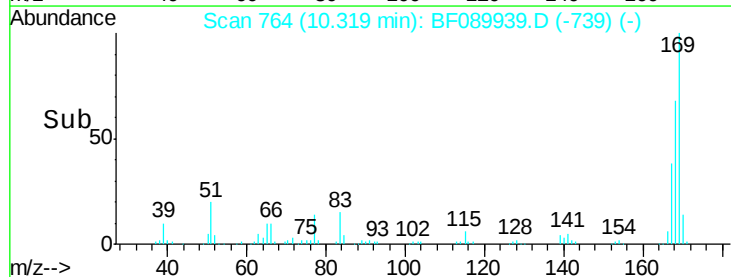
167 37.8 30.5 45.7

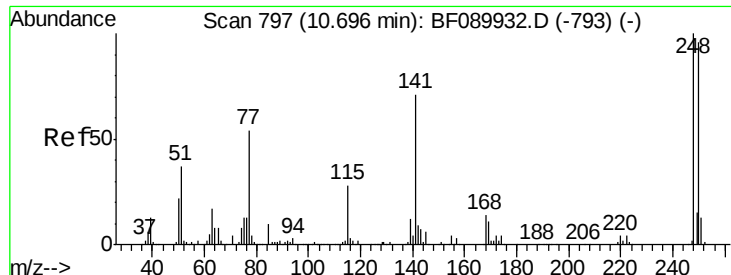


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

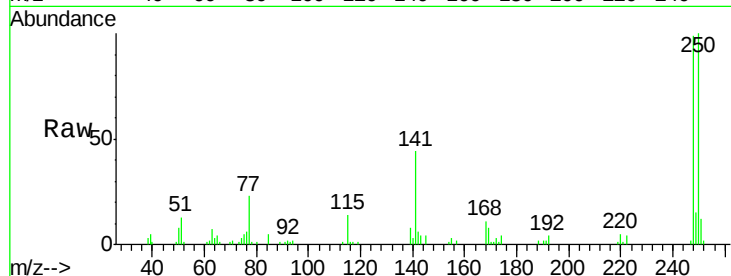




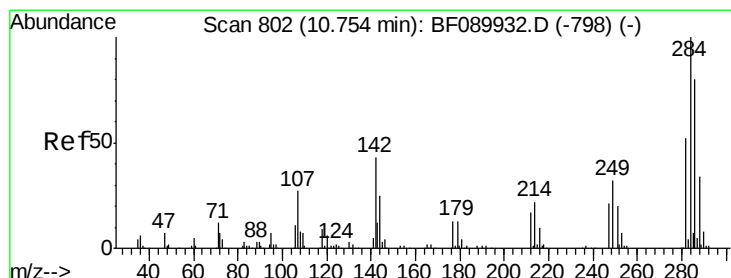
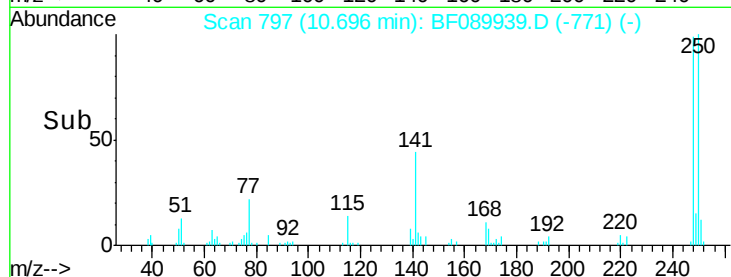
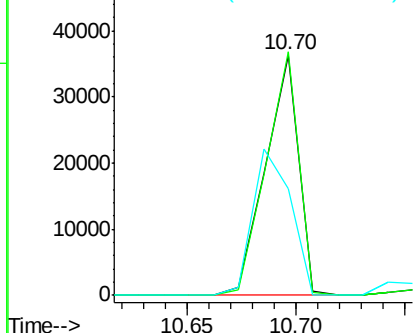
#66
4-Bromophenyl-phenylether
Concen: 3.65 ng
RT: 10.70 min Scan# 797
Delta R.T. 0.00 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Instrument :
BNA_F
ClientSampleId :
PB93146BS

Tot Ion:248 Resp: 38846
Ion Ratio Lower Upper
248 100
250 101.3 77.3 115.9
141 44.5 55.8 83.8#

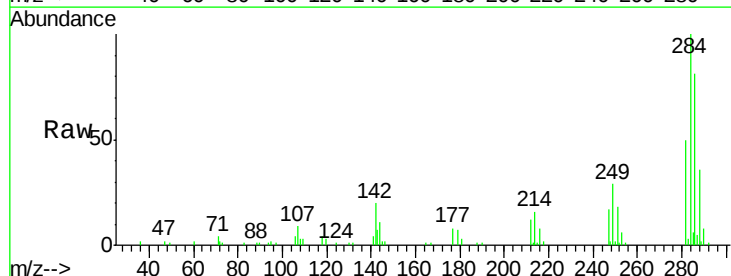


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

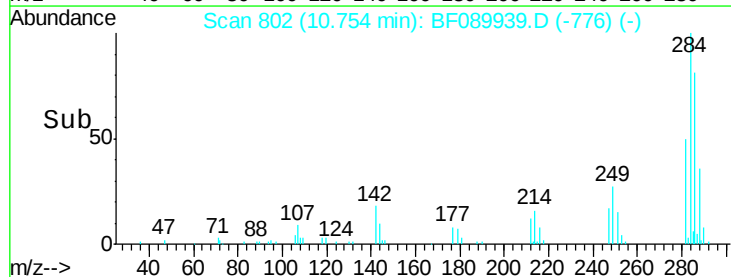
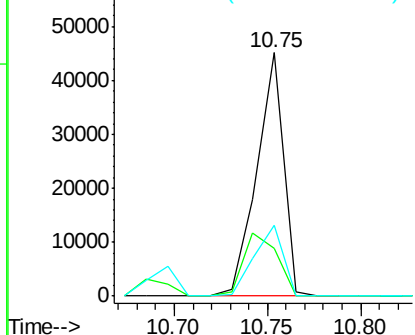


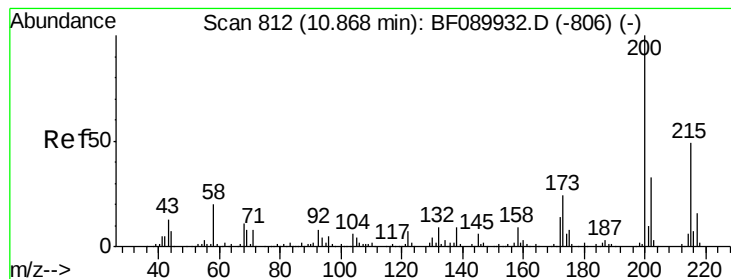
#67
Hexachlorobenzene
Concen: 3.68 ng
RT: 10.75 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Tgt Ion:284 Resp: 44666
Ion Ratio Lower Upper
284 100
142 19.8 32.7 49.1#
249 29.2 26.9 40.3



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: 3.48 ng

RT: 10.84 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

Instrument :

BNA_F

ClientSampleId :

PB93146BS

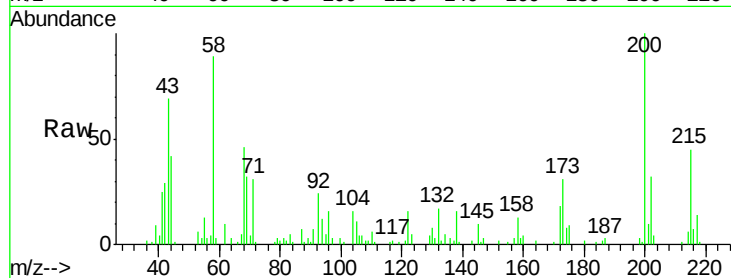
Tot Ion:200 Resp: 36917

Ion Ratio Lower Upper

200 100

173 30.8 9.4 49.4

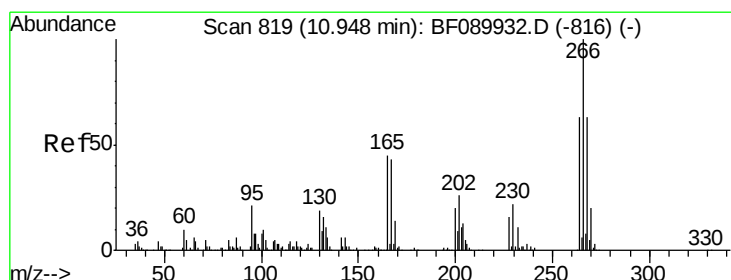
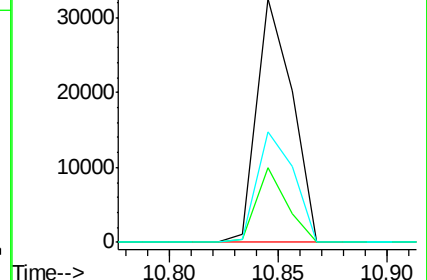
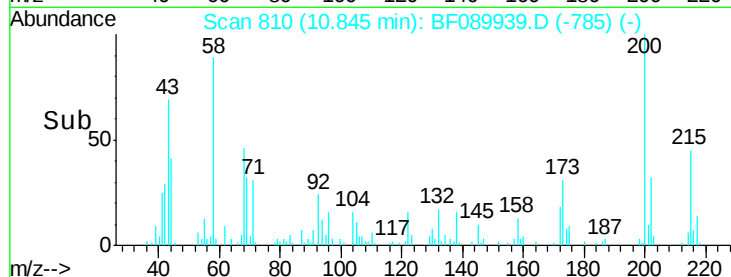
215 45.4 24.5 64.5



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: 4.44 ng

RT: 10.95 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

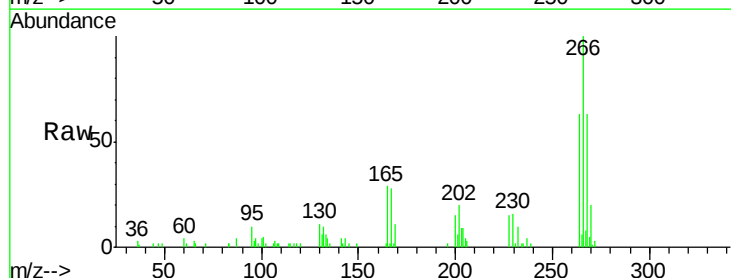
Tgt Ion:266 Resp: 29044

Ion Ratio Lower Upper

266 100

268 62.9 51.0 76.6

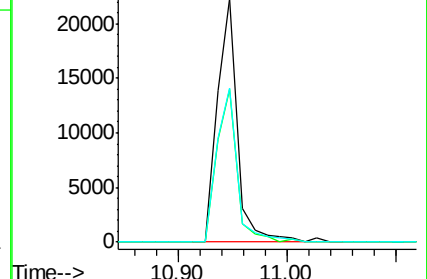
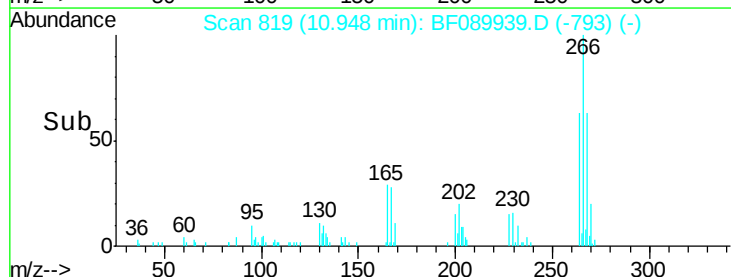
264 63.5 50.6 75.8

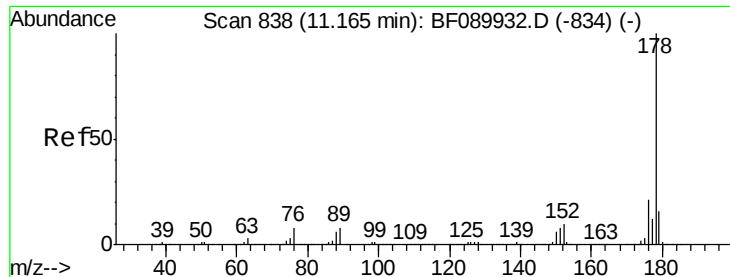


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

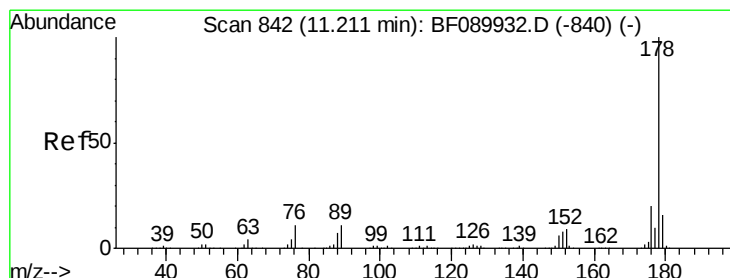
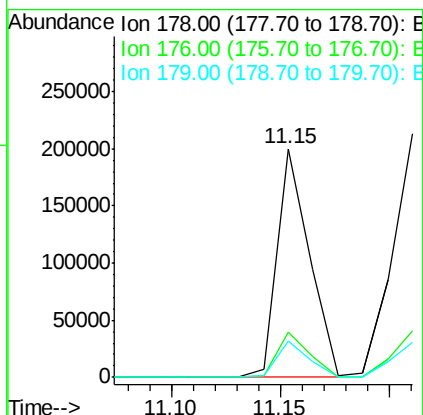
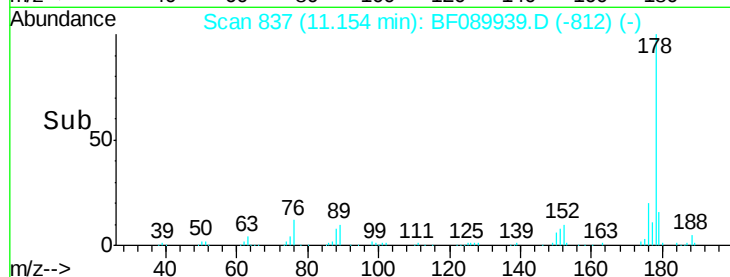
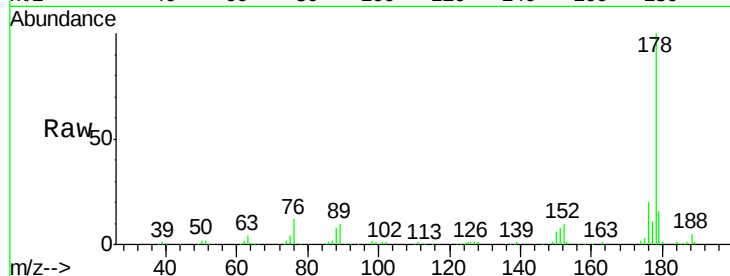




#70
Phenanthrene
Concen: 3.97 ng
RT: 11.15 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

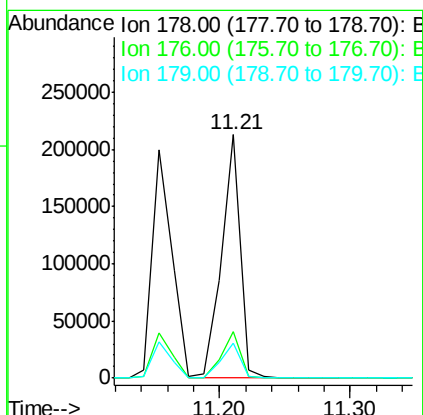
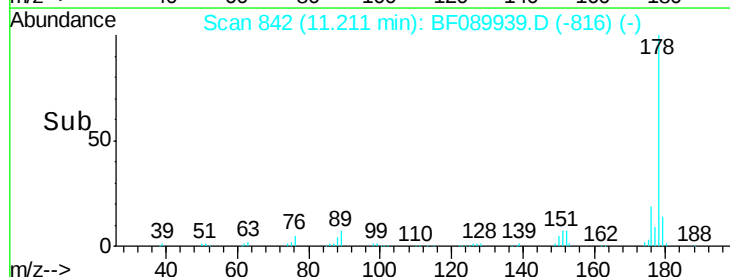
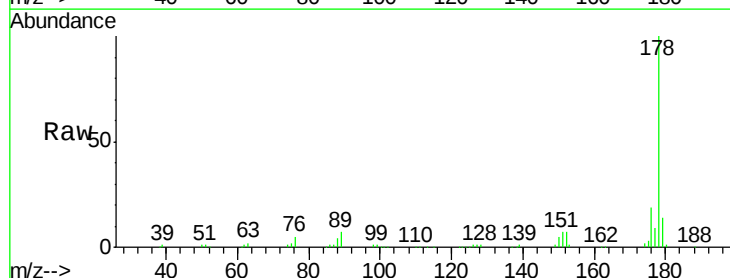
Instrument :
BNA_F
ClientSampleId :
PB93146BS

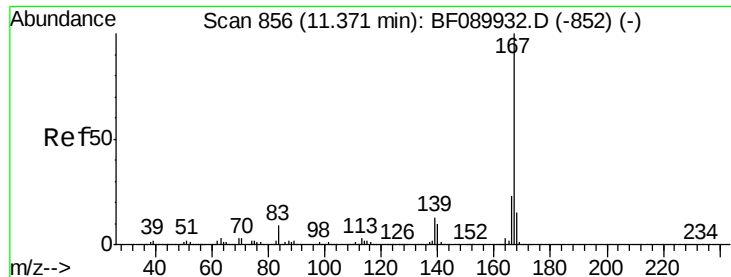
Tot Ion:178 Resp: 208805
Ion Ratio Lower Upper
178 100
176 19.6 16.5 24.7
179 15.6 12.8 19.2



#71
Anthracene
Concen: 4.00 ng
RT: 11.21 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Tgt Ion:178 Resp: 213618
Ion Ratio Lower Upper
178 100
176 18.9 15.8 23.8
179 14.5 13.0 19.4





#72

Carbazole

Concen: 3.90 ng

RT: 11.36 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

Instrument :

BNA_F

ClientSampleId :

PB93146BS

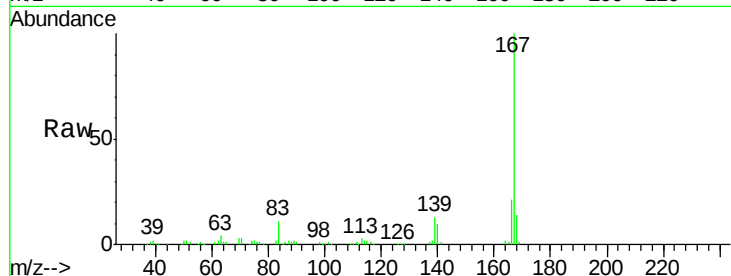
Tot Ion:167 Resp: 195380

Ion Ratio Lower Upper

167 100

166 20.9 18.1 27.1

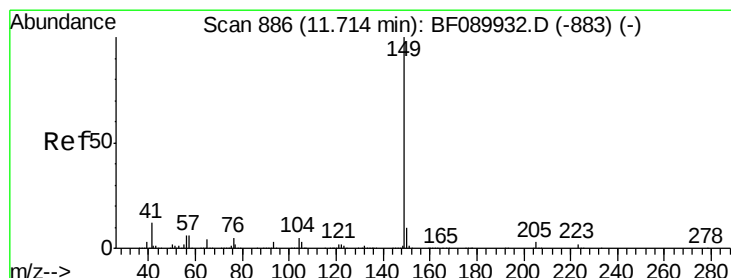
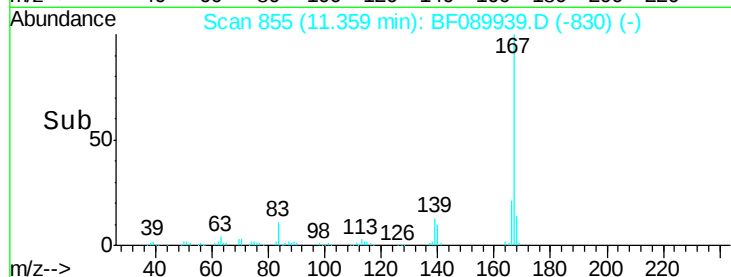
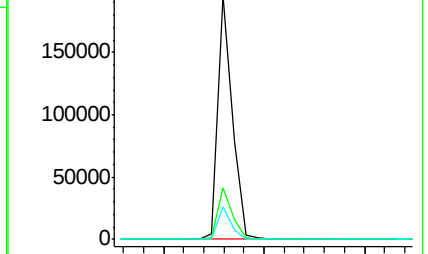
139 13.1 10.4 15.6



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: 4.01 ng

RT: 11.71 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

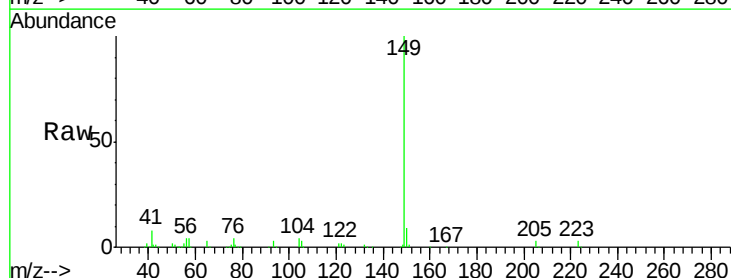
Tgt Ion:149 Resp: 233715

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.8

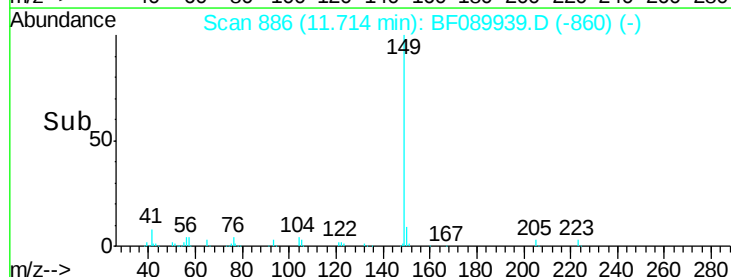
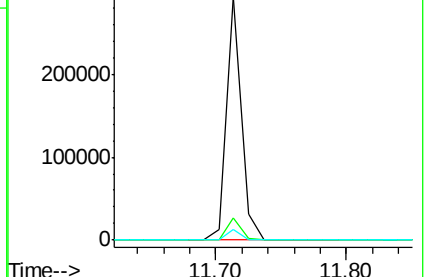
104 4.5 3.9 5.9

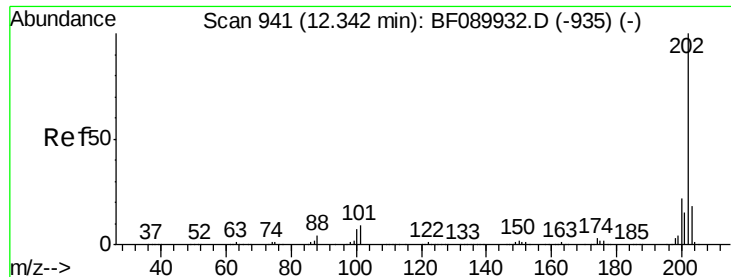


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

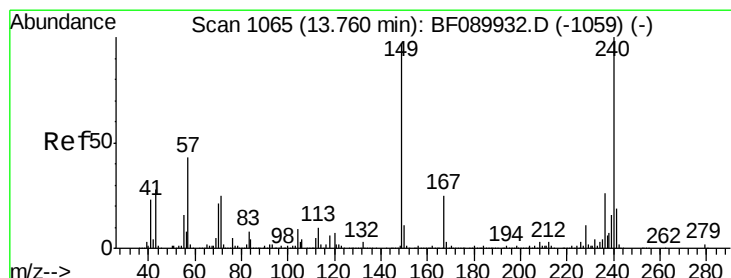
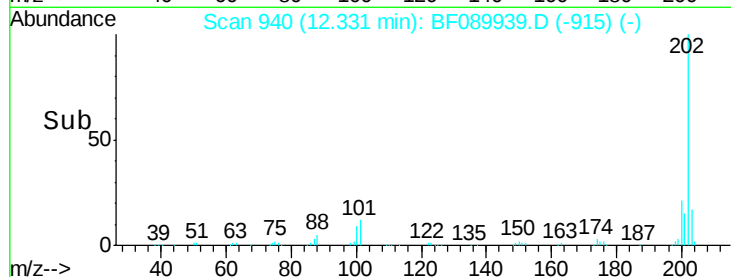
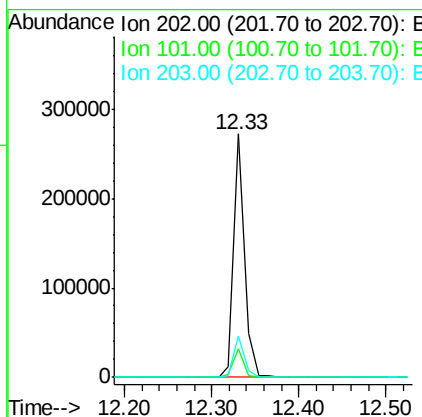
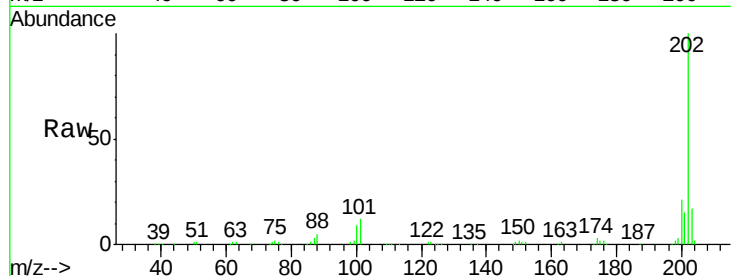




#74
 Fluoranthene
 Concen: 4.24 ng
 RT: 12.33 min Scan# 940
 Delta R.T. -0.01 min
 Lab File: BF089939.D
 Acq: 31 Aug 2016 9:58

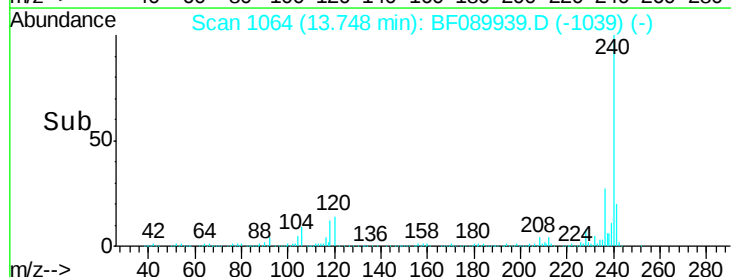
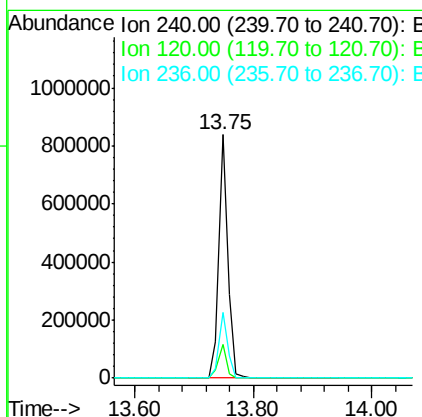
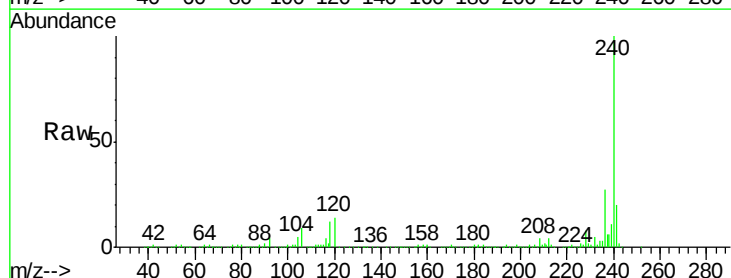
Instrument :
 BNA_F
 ClientSampleId :
 PB93146BS

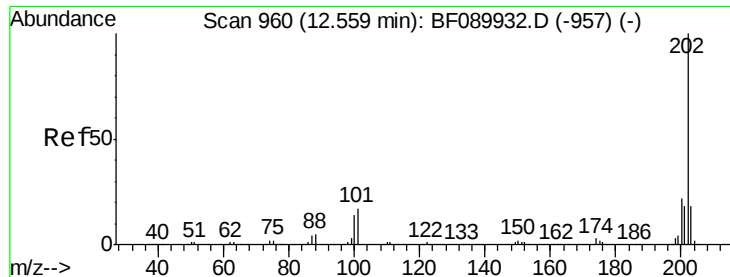
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	28.5
203	16.9	0.0	38.0



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. -0.01 min
 Lab File: BF089939.D
 Acq: 31 Aug 2016 9:58

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.0	5.7	8.5#
236	27.1	21.3	31.9

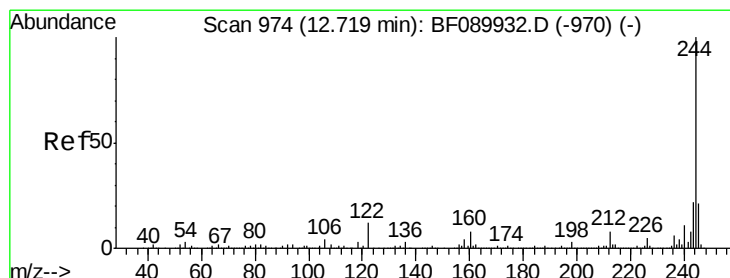
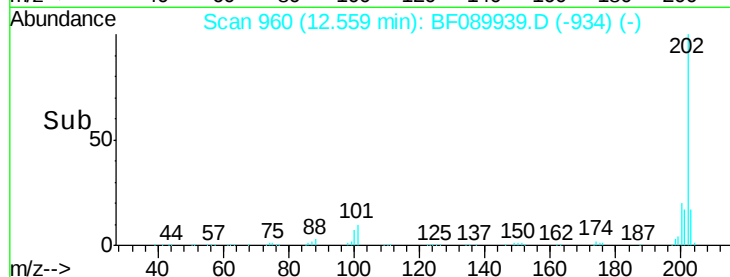
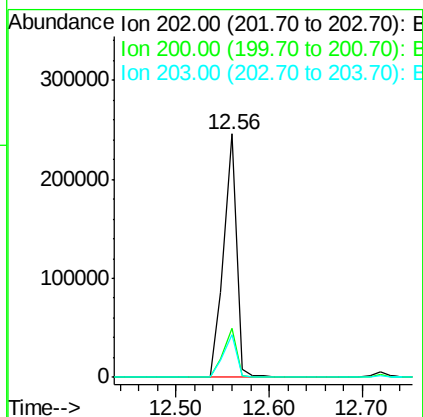
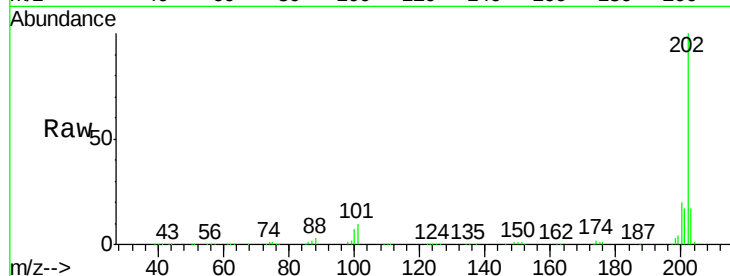




#77
Pvrene
Concen: 3.83 ng
RT: 12.56 min Scan# 960
Delta R.T. 0.00 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

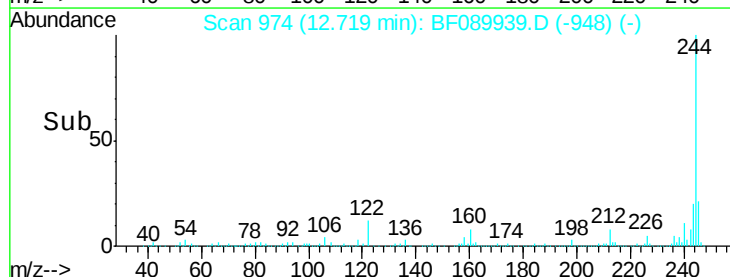
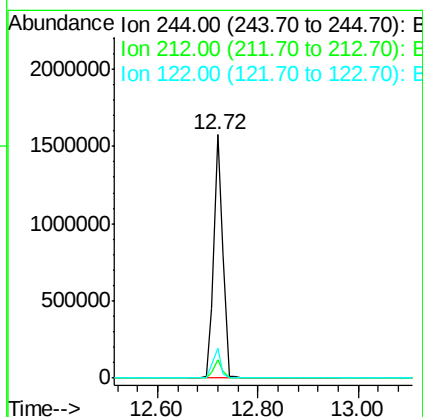
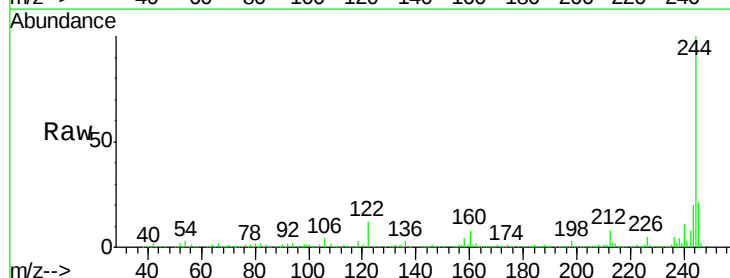
Instrument :
BNA_F
ClientSampleId :
PB93146BS

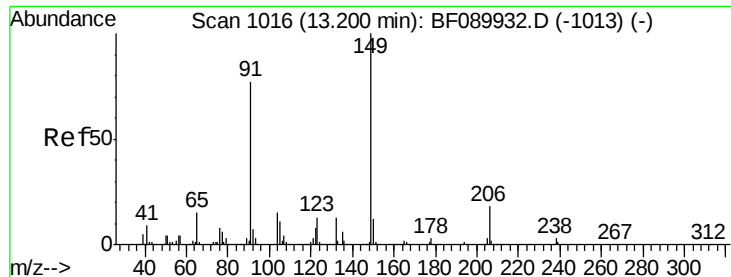
Tot Ion:202 Resp: 238623
Ion Ratio Lower Upper
202 100
200 20.4 17.6 26.4
203 17.3 14.6 21.8



#78
Terphenyl-d14
Concen: 55.50 ng
RT: 12.72 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Tgt Ion:244 Resp: 1984250
Ion Ratio Lower Upper
244 100
212 7.7 6.1 9.1
122 12.4 9.6 14.4

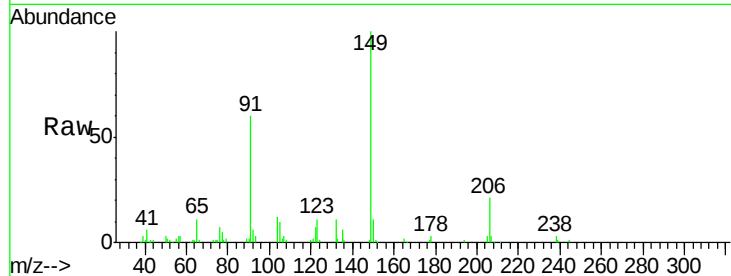




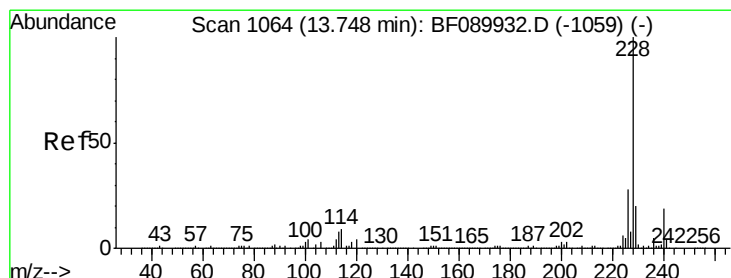
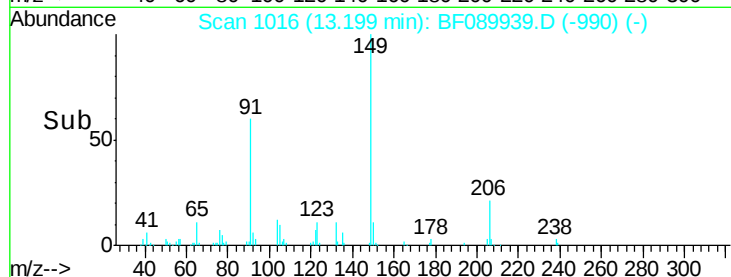
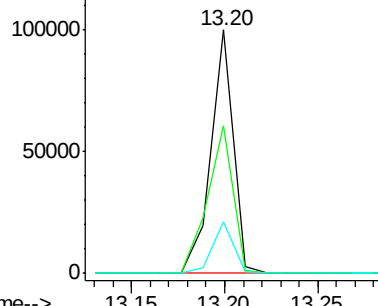
#79
Butylbenzylphthalate
Concen: 3.36 ng
RT: 13.20 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Instrument :
BNA_F
ClientSampleId :
PB93146BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	60.4	60.0	90.0
206	21.0	15.1	22.7

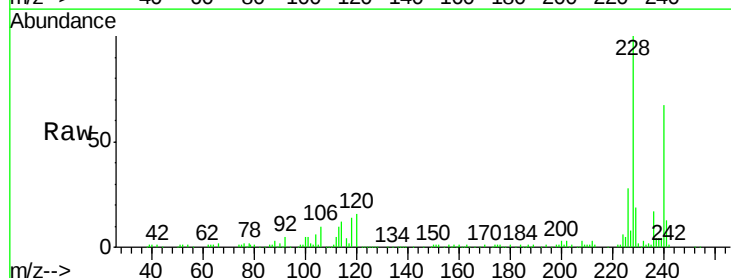


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

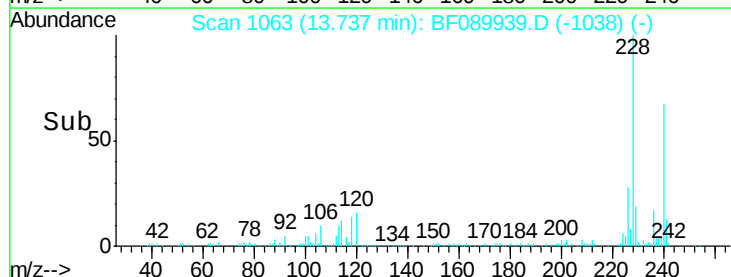
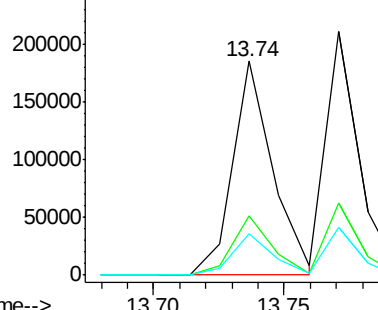


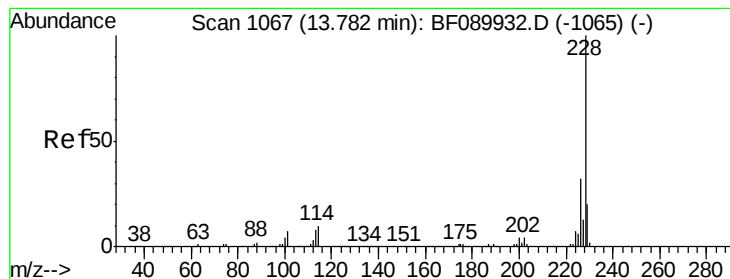
#80
Benzo(a)anthracene
Concen: 3.67 ng
RT: 13.74 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.2	33.2
229	19.4	15.8	23.6



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





#82

Chrysene

Concen: 3.74 ng

RT: 13.77 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

Instrument :

BNA_F

ClientSampled :

PB93146BS

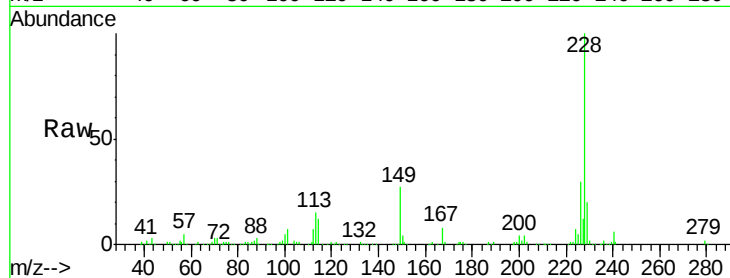
Tot Ion:228 Resp: 188897

Ion Ratio Lower Upper

228 100

226 29.8 25.2 37.8

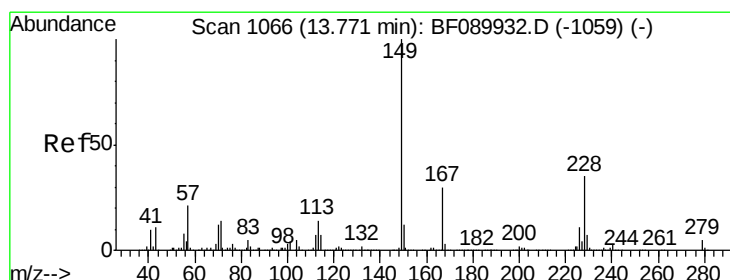
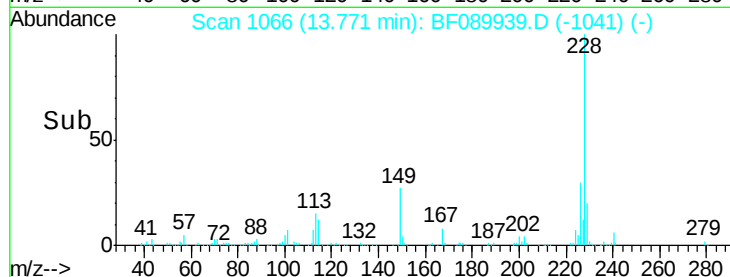
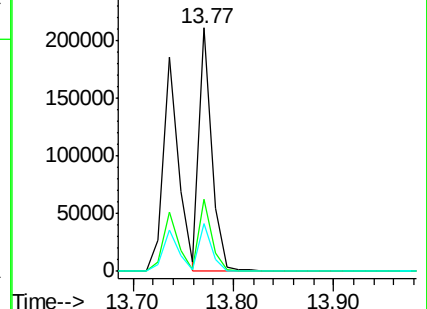
229 19.8 16.2 24.2



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: 3.42 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

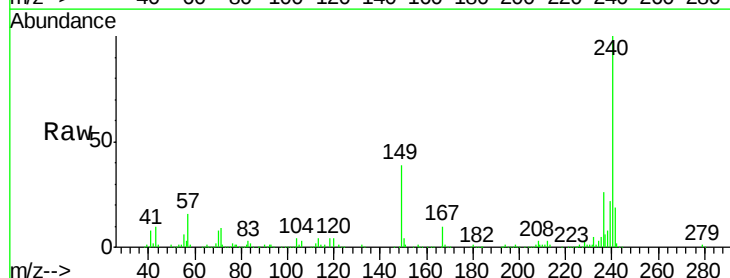
Tgt Ion:149 Resp: 118703

Ion Ratio Lower Upper

149 100

167 25.6 23.6 35.4

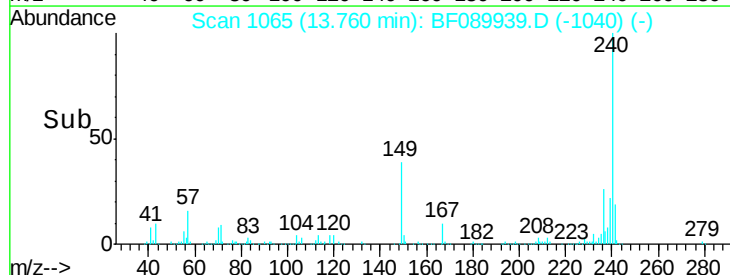
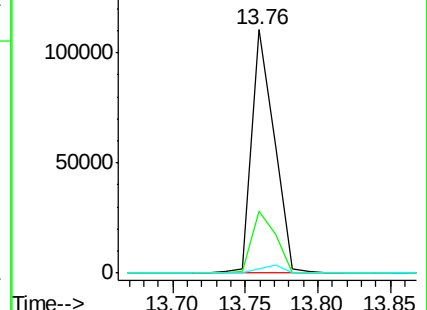
279 1.8 3.4 5.2#

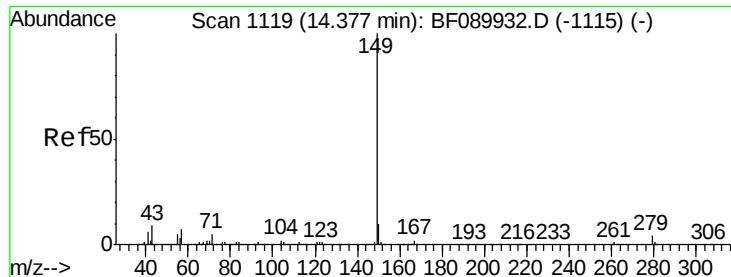


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 3.06 ng

RT: 14.37 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

Instrument :

BNA_F

ClientSampleId :

PB93146BS

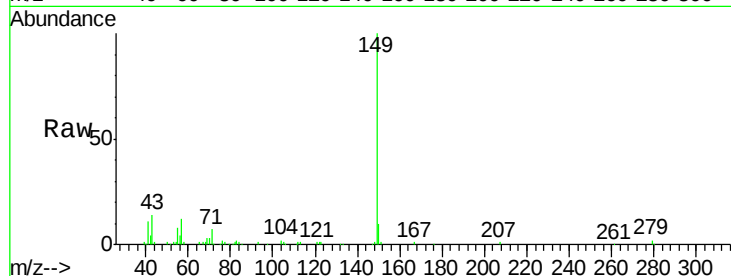
Tot Ion:149 Resp: 171341

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

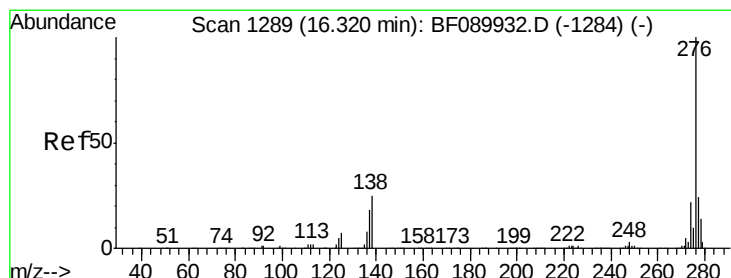
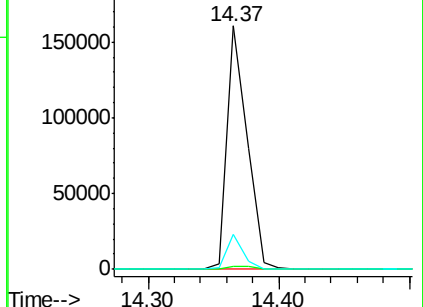
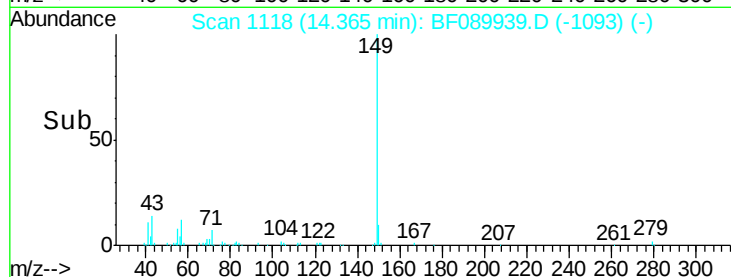
43 12.1 9.3 13.9



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: 3.12 ng

RT: 16.31 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

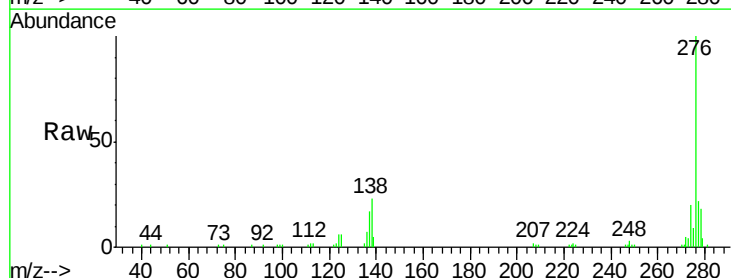
Tgt Ion:276 Resp: 116413

Ion Ratio Lower Upper

276 100

138 27.2 22.6 34.0

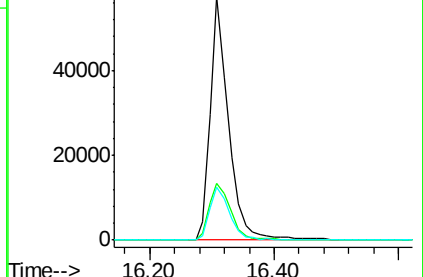
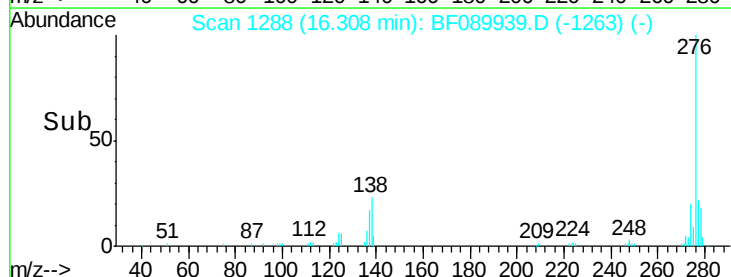
277 23.3 20.1 30.1

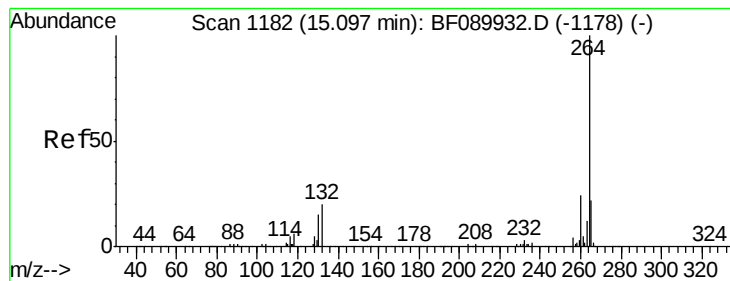


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.10 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

Instrument :

BNA_F

ClientSampleId :

PB93146BS

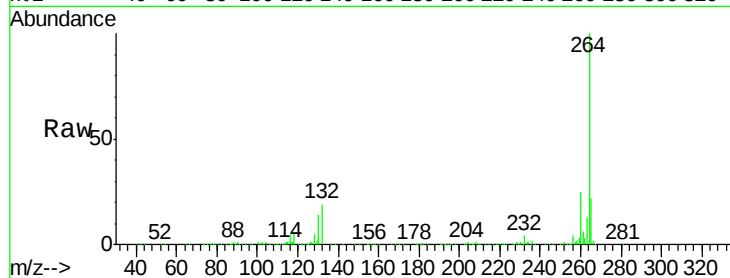
Tot Ion:264 Resp: 751373

Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.0

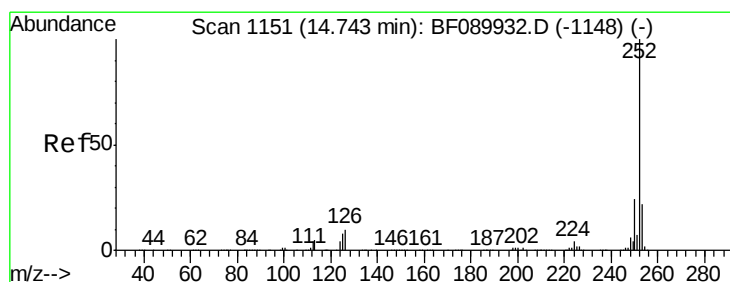
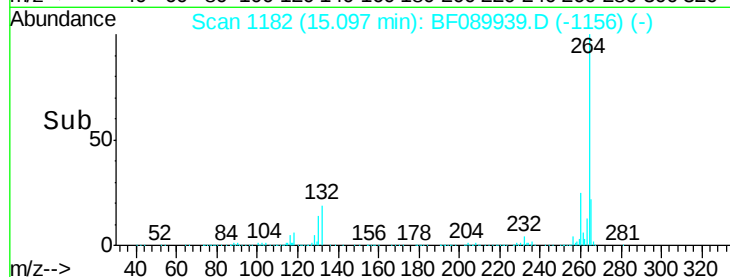
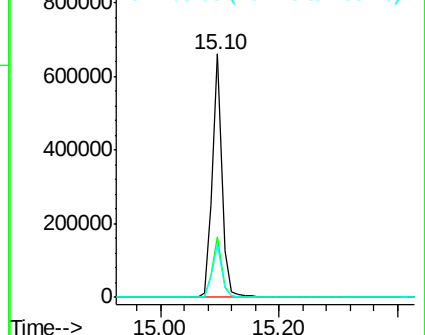
265 21.8 17.4 26.2



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: 6.85 ng

RT: 14.75 min Scan# 1152

Delta R.T. 0.01 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

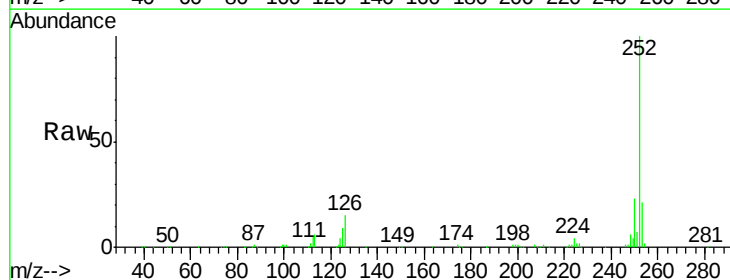
Tgt Ion:252 Resp: 322336

Ion Ratio Lower Upper

252 100

253 21.4 18.0 27.0

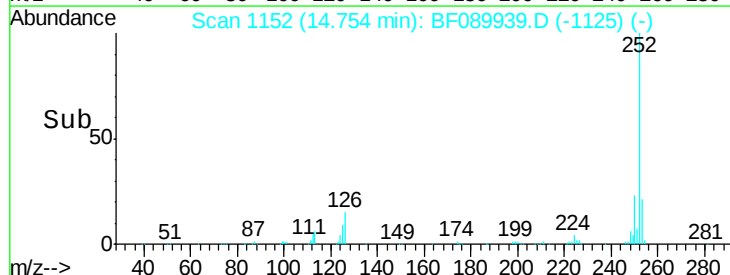
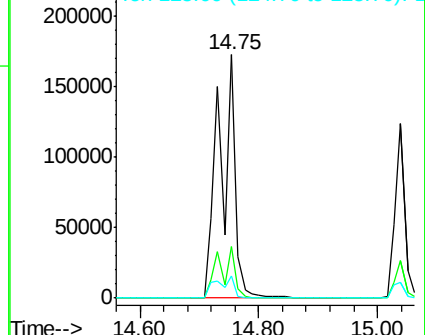
125 8.9 5.7 8.5#

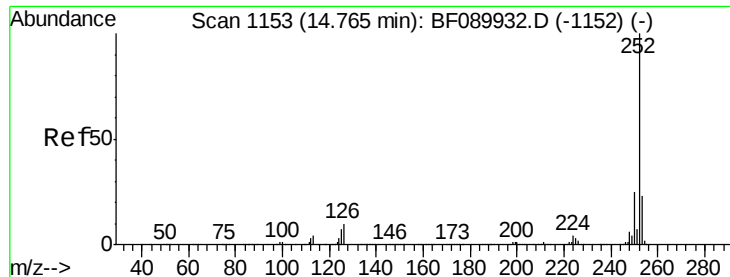


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

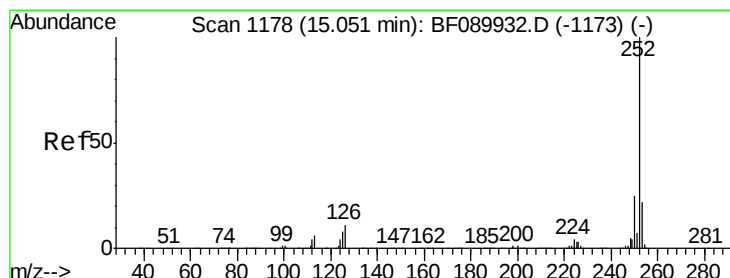
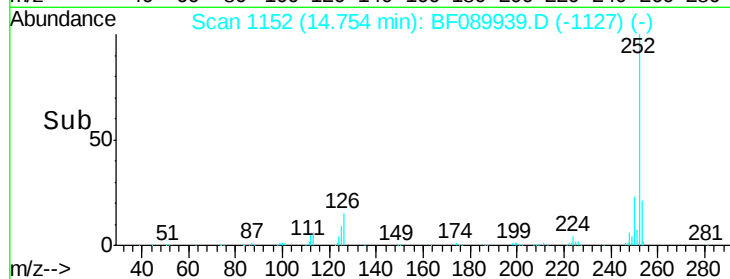
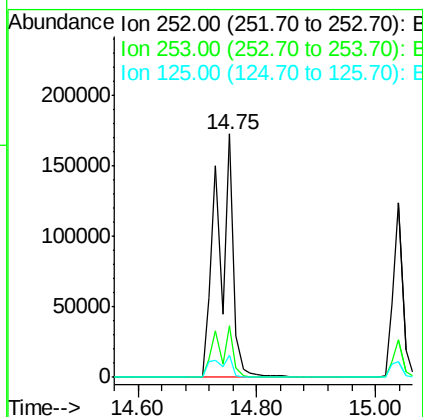
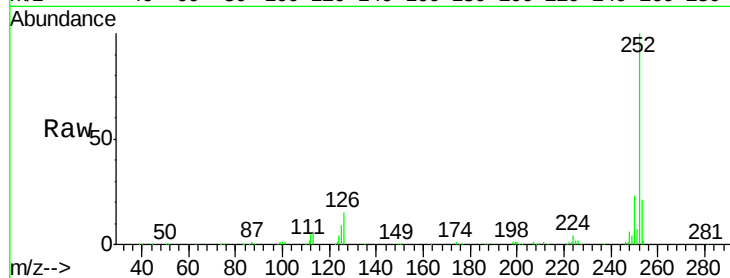




#88
Benzo(k)fluoranthene
Concen: 8.07 ng
RT: 14.75 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

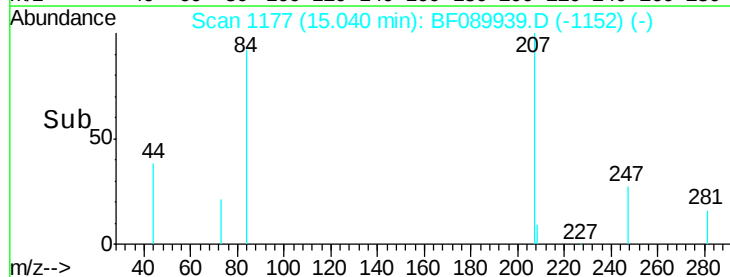
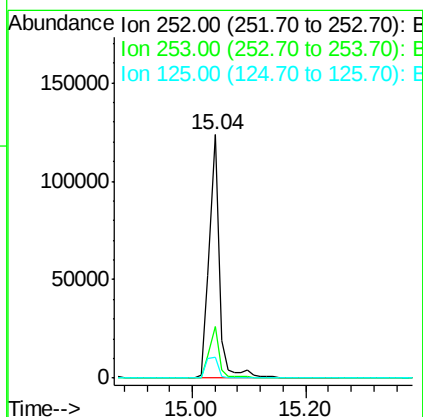
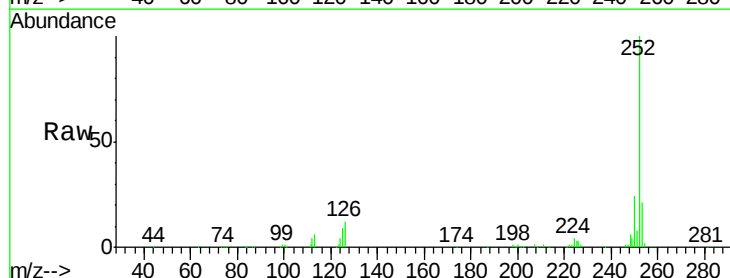
Instrument :
BNA_F
ClientSampleId :
PB93146BS

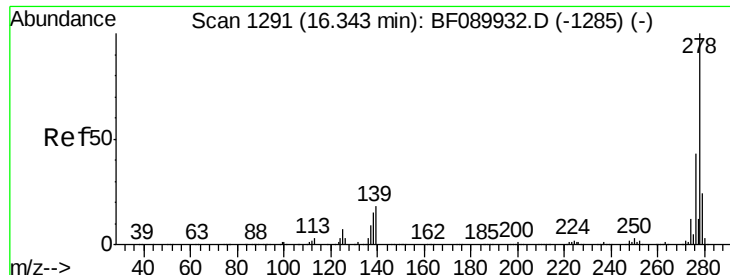
Tot Ion:252 Resp: 322336
Ion Ratio Lower Upper
252 100
253 21.4 17.8 26.8
125 8.9 7.3 10.9



#89
Benzo(a)pyrene
Concen: 3.68 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Tgt Ion:252 Resp: 148606
Ion Ratio Lower Upper
252 100
253 21.3 17.5 26.3
125 8.7 6.3 9.5



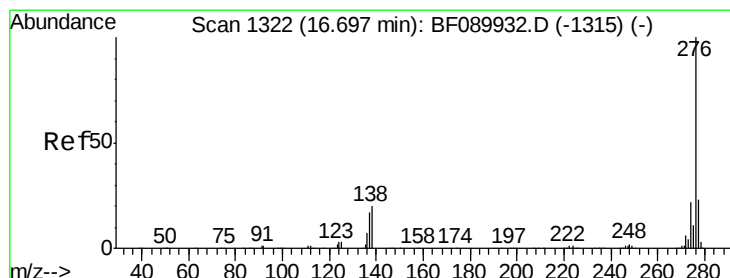
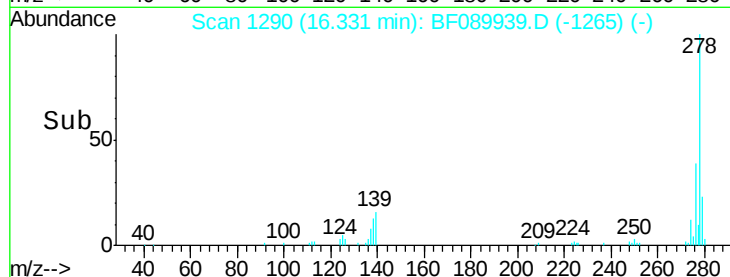
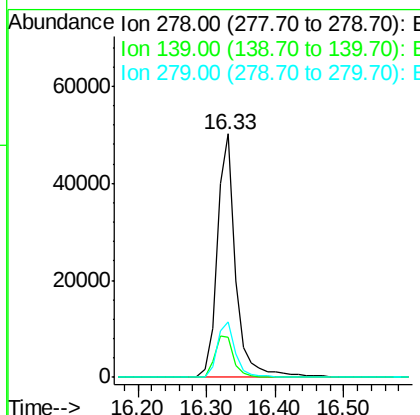
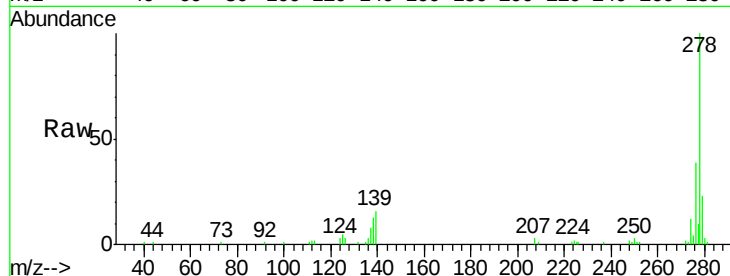


#90
Dibenzo(a,h)anthracene
Concen: 3.20 ng
RT: 16.33 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Instrument :
BNA_F
ClientSampleId :
PB93146BS

Tot Ion:278 Resp: 94694

Ion	Ratio	Lower	Upper
278	100		
139	16.3	13.4	20.2
279	22.9	19.4	29.2



#91
Benzo(g,h,i)perylene
Concen: 3.29 ng
RT: 16.67 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Tgt Ion:276 Resp: 97989

Ion	Ratio	Lower	Upper
276	100		
277	22.3	19.0	28.4
138	21.6	16.4	24.6

