

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 :

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

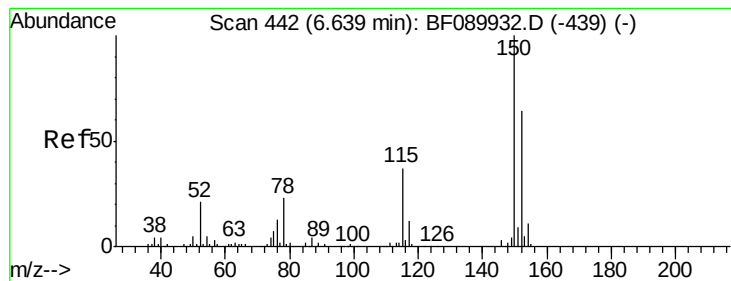
Data Path : Z:\HPCHEM1\BNA F\DATA\BF083116\
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 Response via : Initial Calibration

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 :

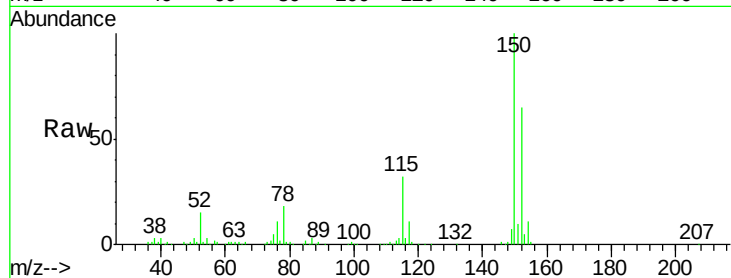
Tot Ion:152 Resp: 229643

Ion Ratio Lower Upper

152 100

150 153.9 127.4 191.2

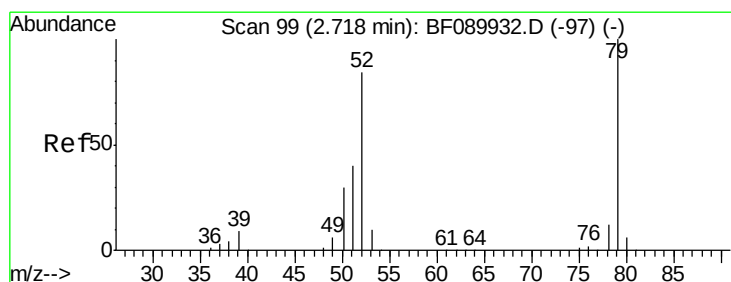
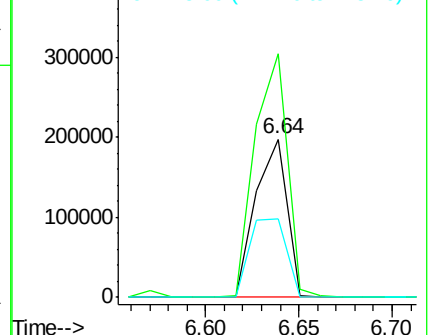
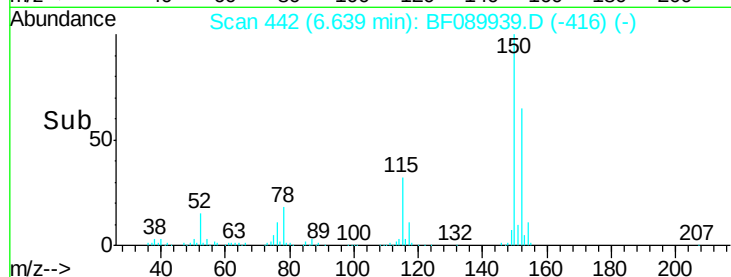
115 49.9 46.3 69.5



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

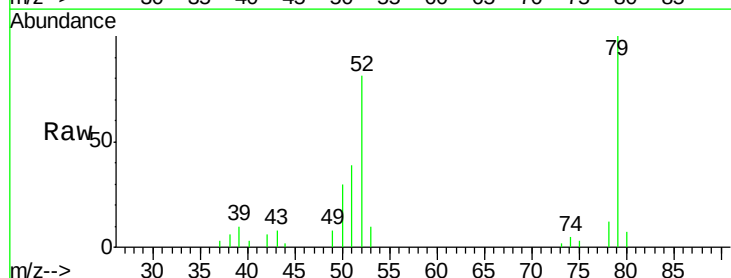
Tgt Ion: 79 Resp: 44979

Ion Ratio Lower Upper

79 100

52 80.9 67.8 101.6

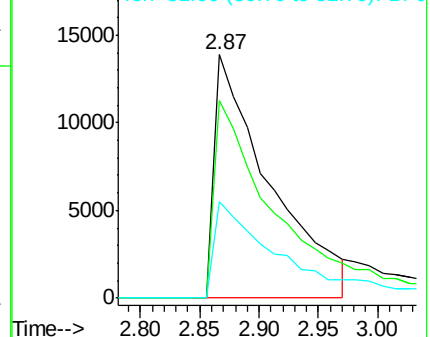
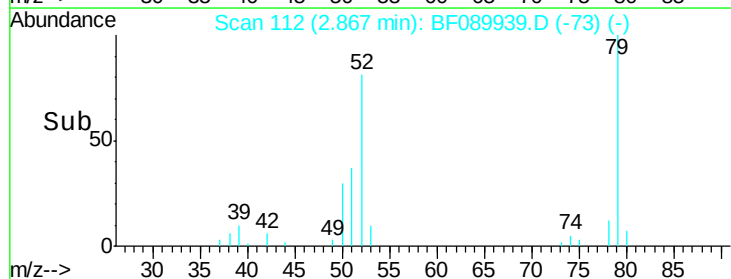
51 39.4 32.9 49.3

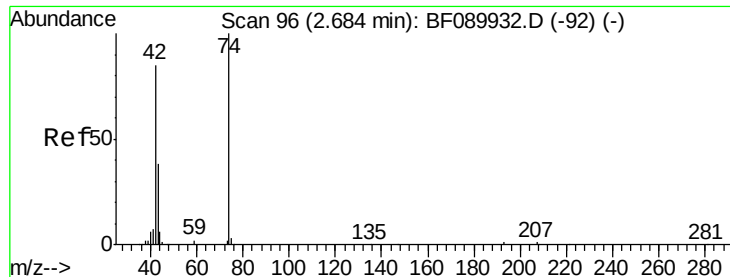


Abundance Ion 79.00 (78.70 to 79.70): BF0

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 :

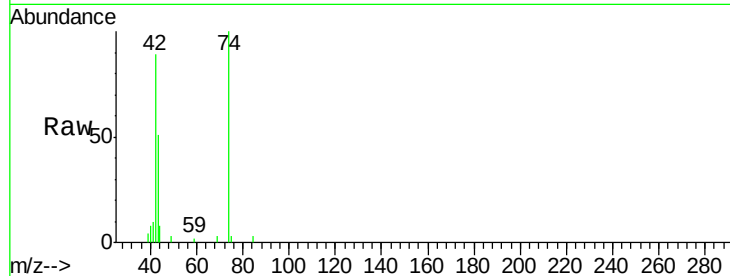
Tot Ion: 42 Resp: 30960

Ion Ratio Lower Upper

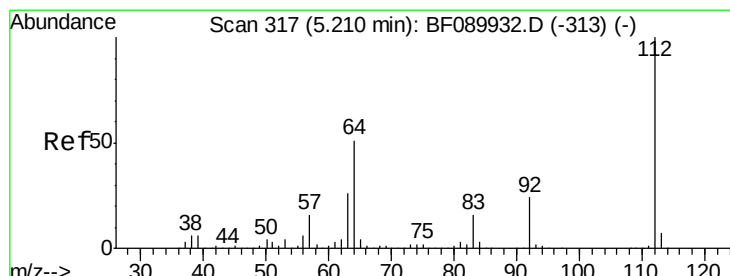
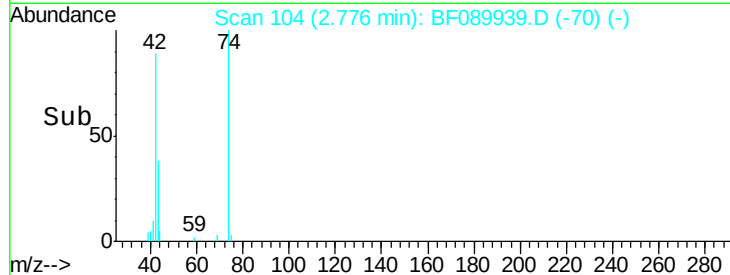
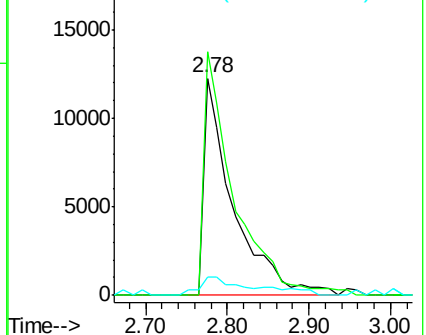
42 100

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

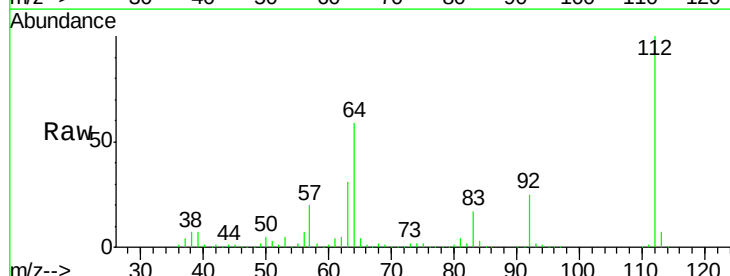
Tgt Ion: 112 Resp: 903588

Ion Ratio Lower Upper

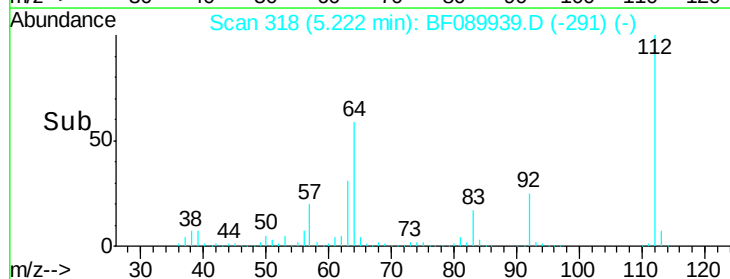
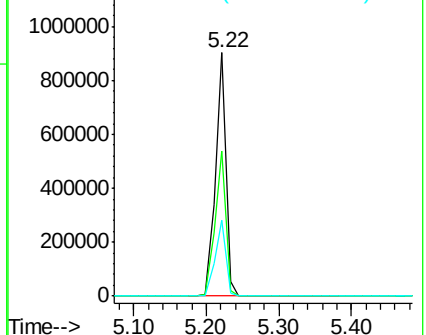
112 100

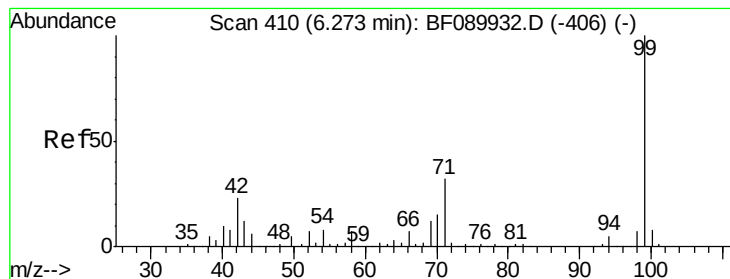
64 59.4 41.1 61.7

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 :

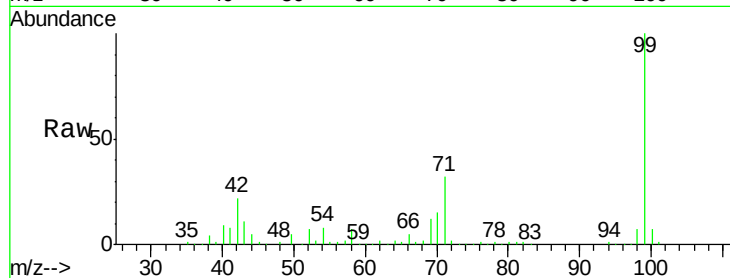
Tot Ion: 99 Resp: 1092934

Ion Ratio Lower Upper

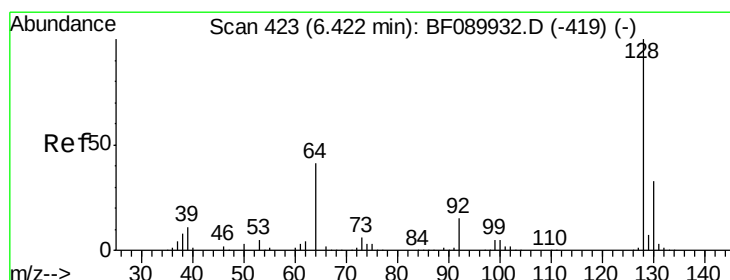
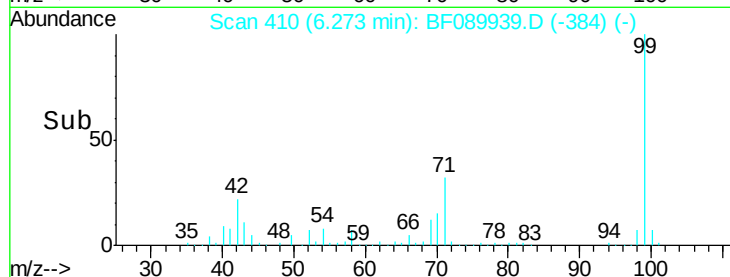
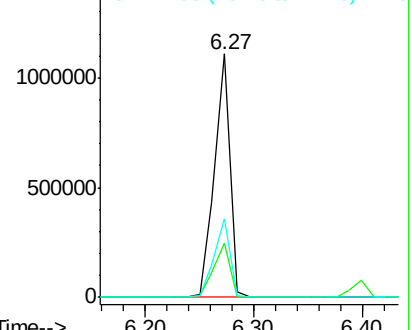
99 100

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

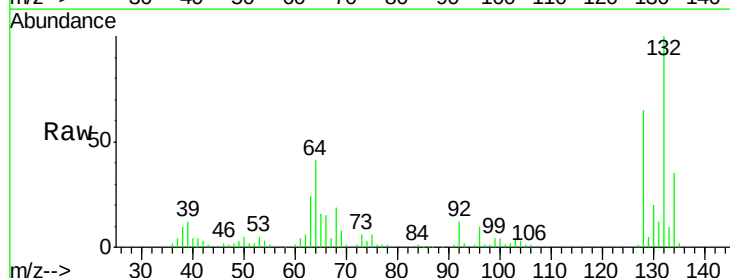
Tgt Ion: 128 Resp: 55883

Ion Ratio Lower Upper

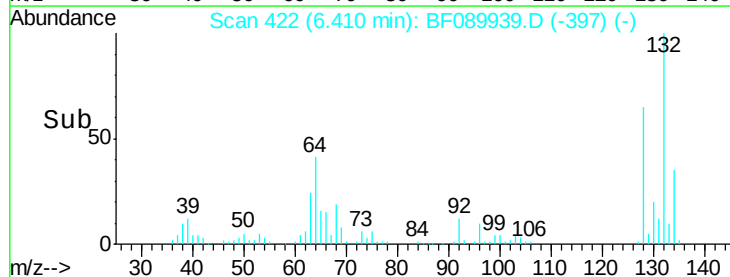
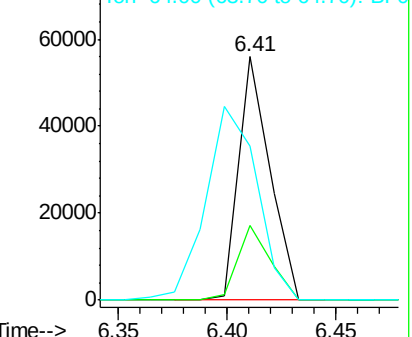
128 100

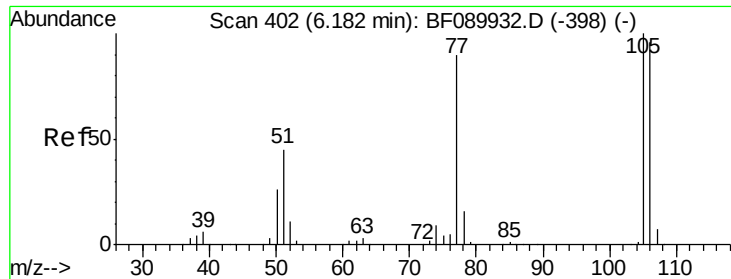
130 30.4 12.8 52.8

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

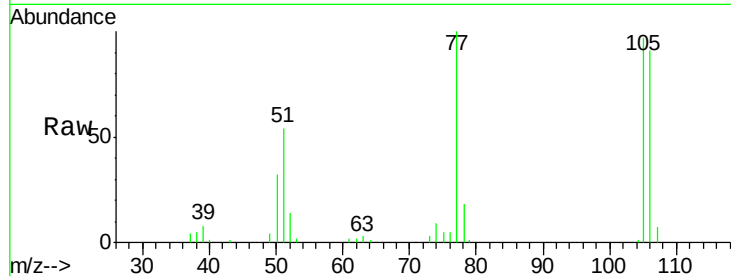




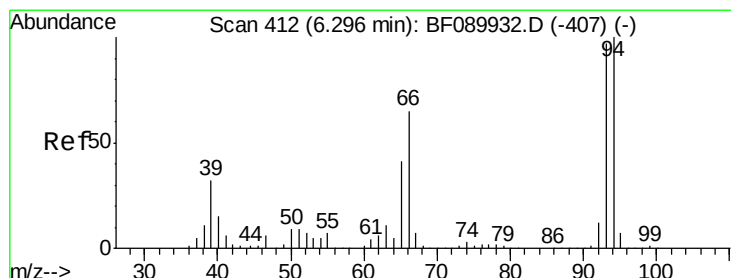
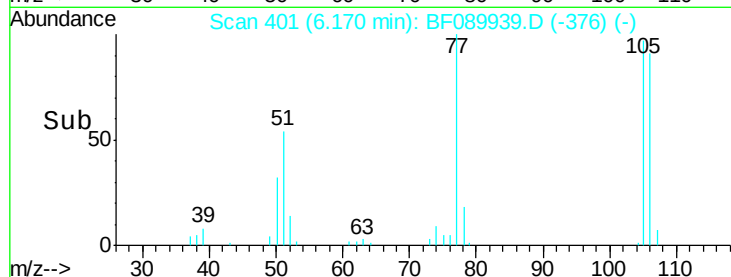
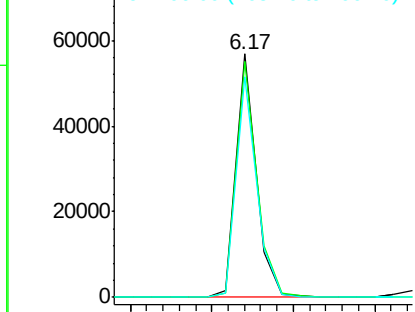
#9
Benzaldehyde
Concen: 4.28 ng
RT: 6.17 min Scan# 401
Delta R.T. -0.01 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Instrument :
BNA_F
ClientSampleId :

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

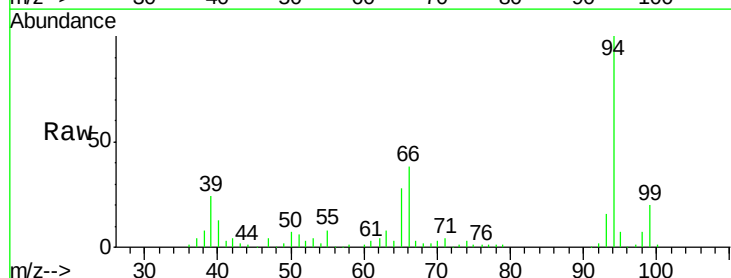


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

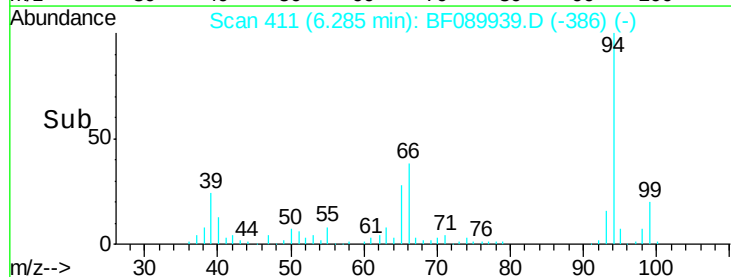
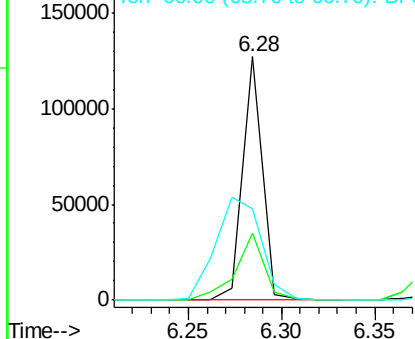


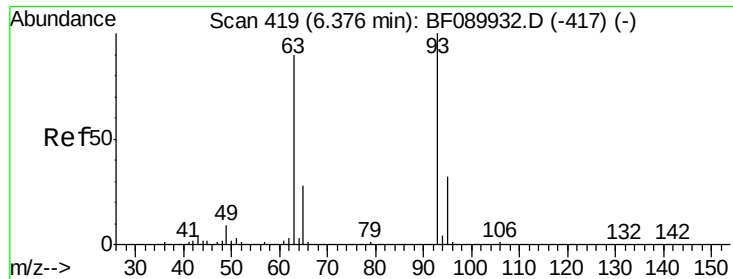
#10
Phenol
Concen: 4.63 ng
RT: 6.28 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

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 :

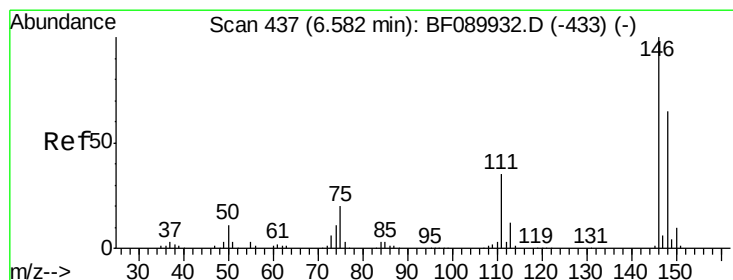
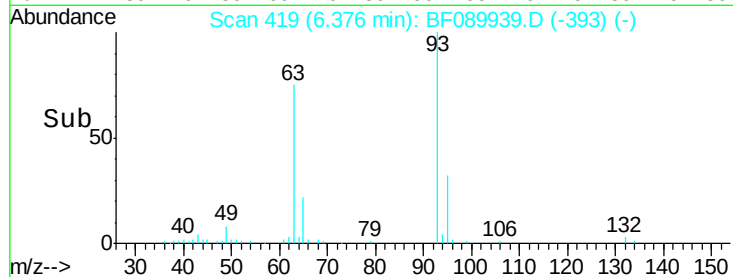
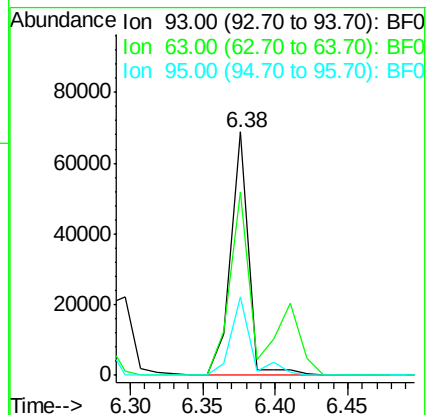
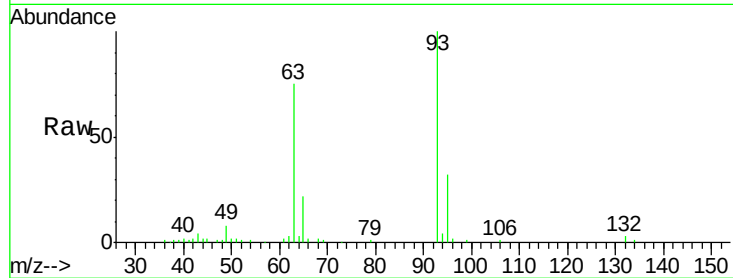
Tot Ion: 93 Resp: 58755

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

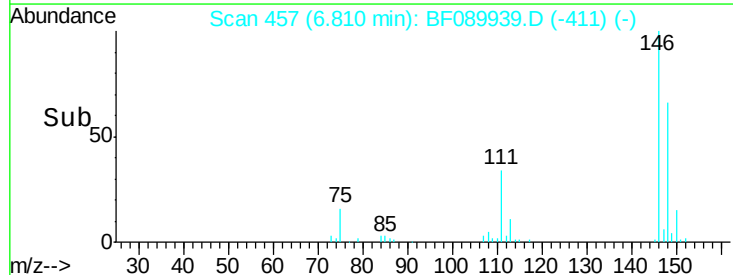
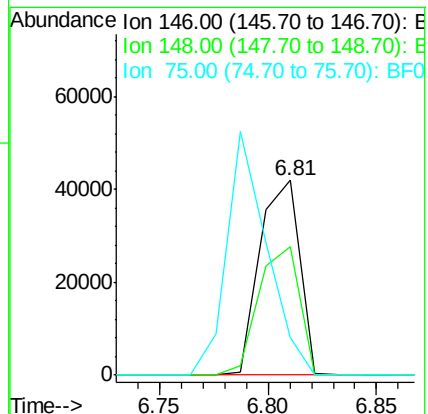
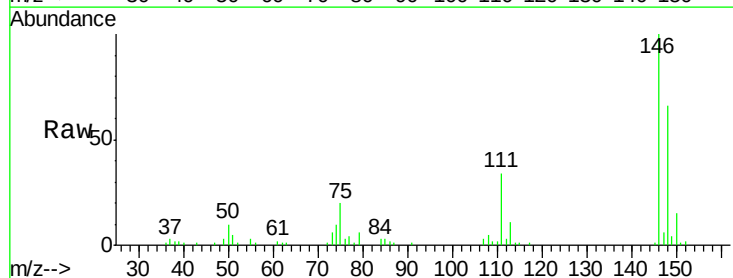
Tgt Ion: 146 Resp: 53784

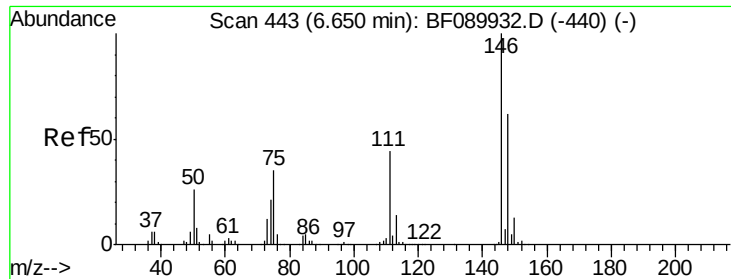
Ion Ratio Lower Upper

146 100

148 65.9 52.5 78.7

75 19.6 16.6 24.8

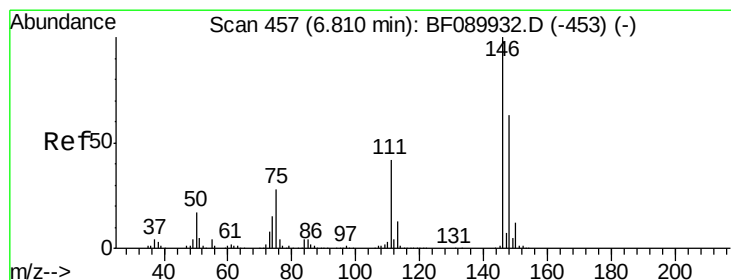
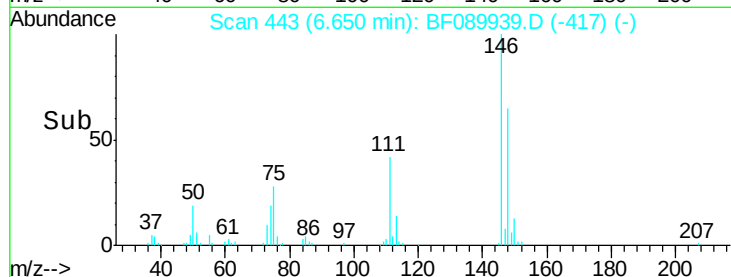
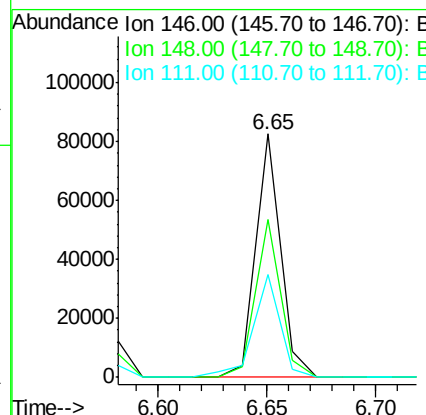
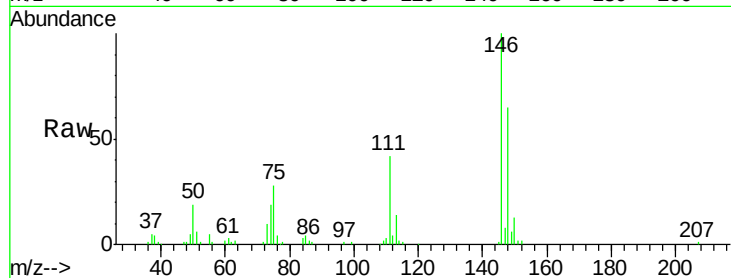




#13
 1,4-Dichlorobenzene
 Concen: 3.69 ng
 RT: 6.65 min Scan# 443
 Delta R.T. 0.00 min
 Lab File: BF089939.D
 Acq: 31 Aug 2016 9:58

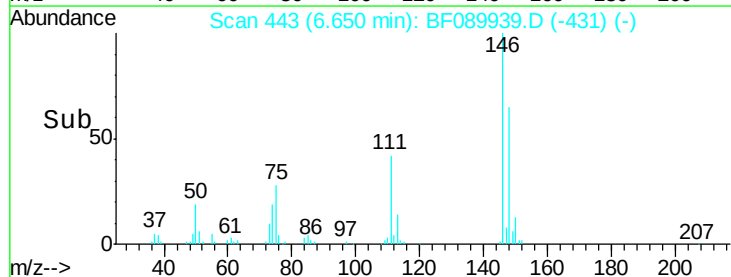
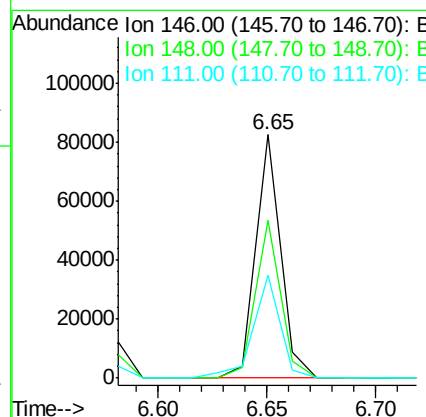
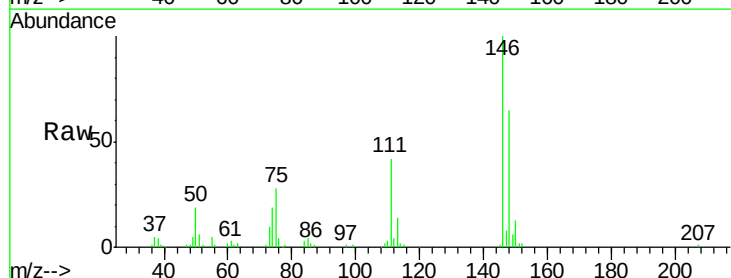
Instrument :
 BNA_F
 ClientSampleId :

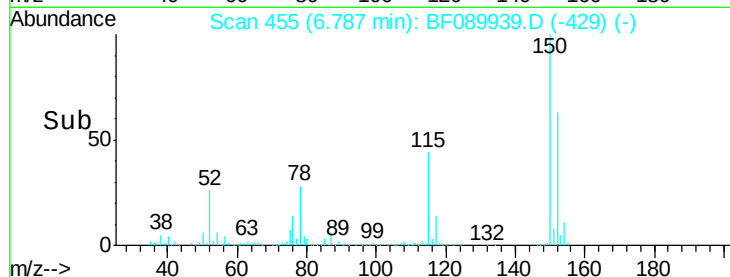
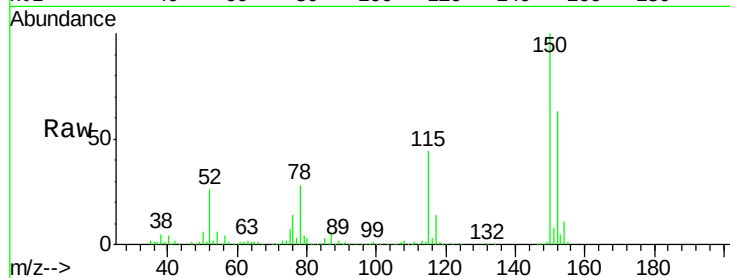
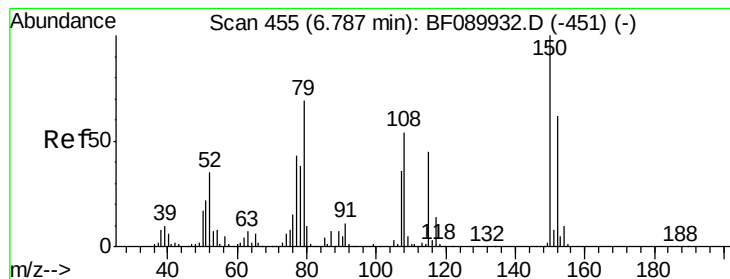
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.1	75.1
111	42.3	35.8	53.6



#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 :

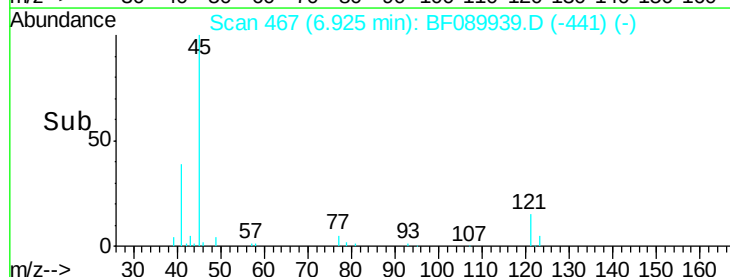
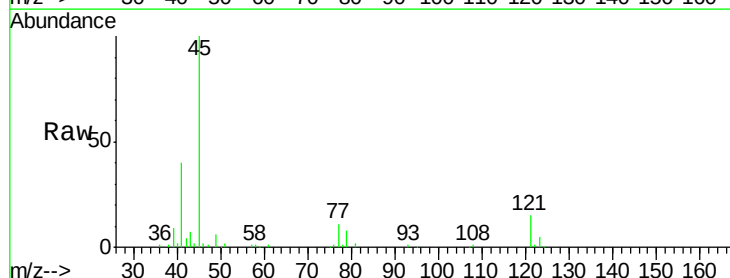
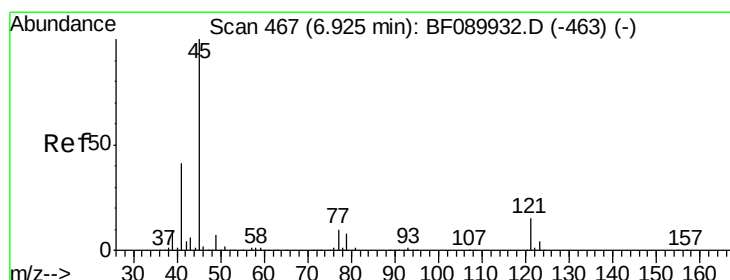
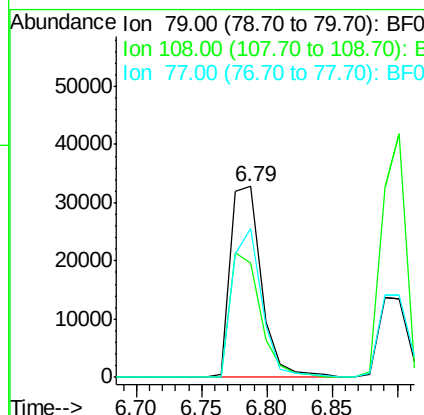
Tot Ion: 79 Resp: 54292

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

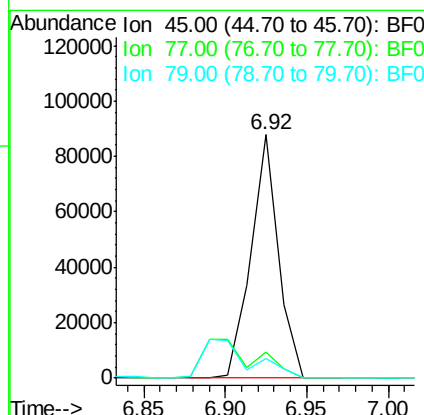
Tgt Ion: 45 Resp: 102307

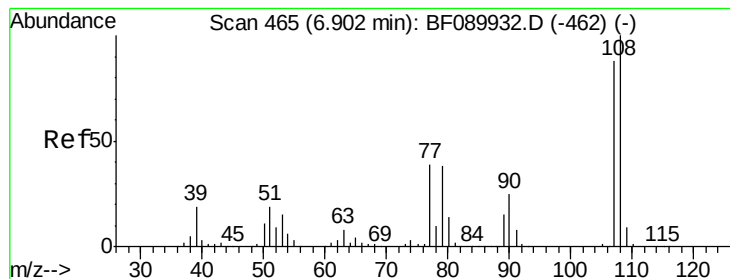
Ion Ratio Lower Upper

45 100

77 10.9 0.0 30.3

79 8.0 0.0 27.5

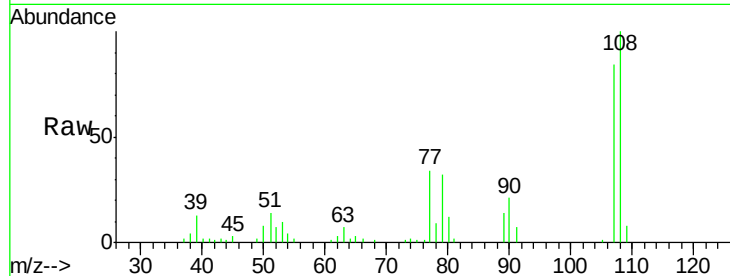




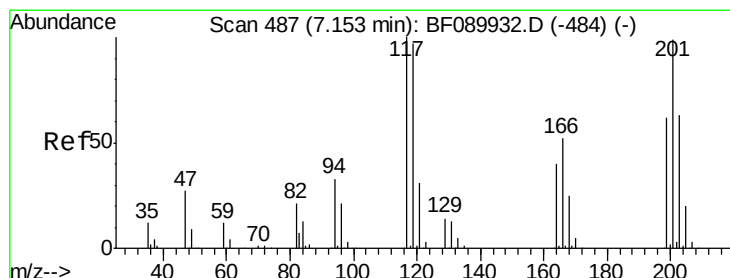
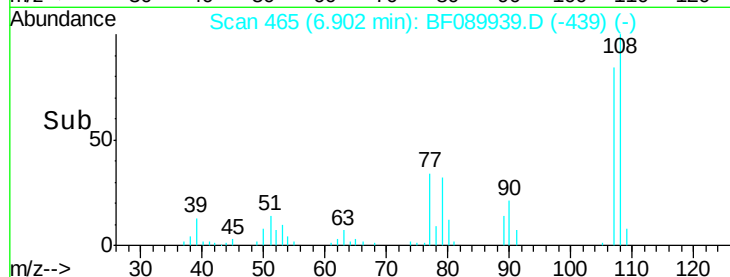
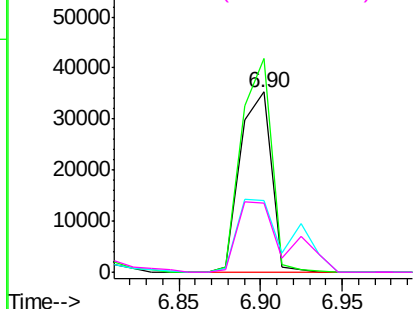
#17
2-Methylphenol
Concen: 3.71 ng
RT: 6.90 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Instrument :
BNA_F
ClientSampleId :

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

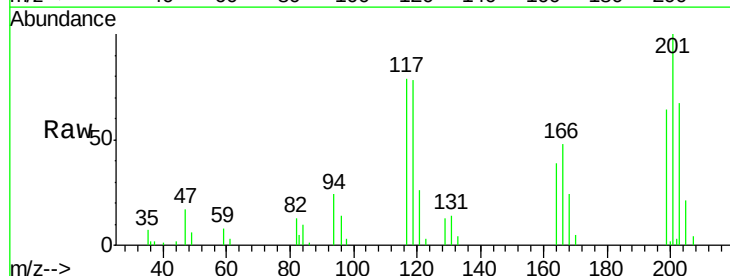


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

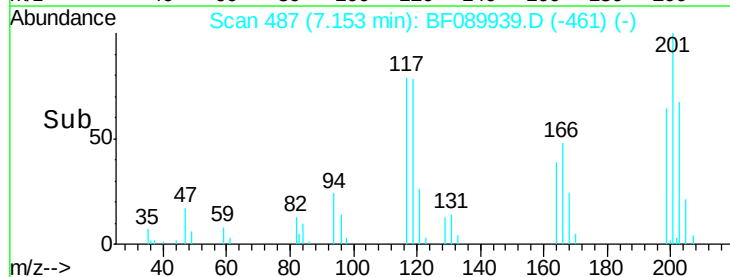
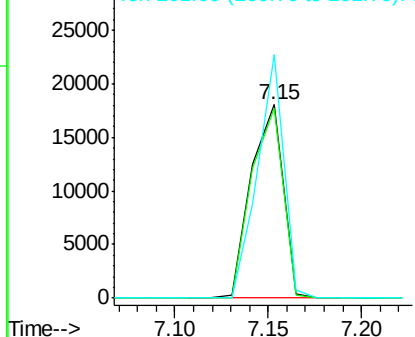


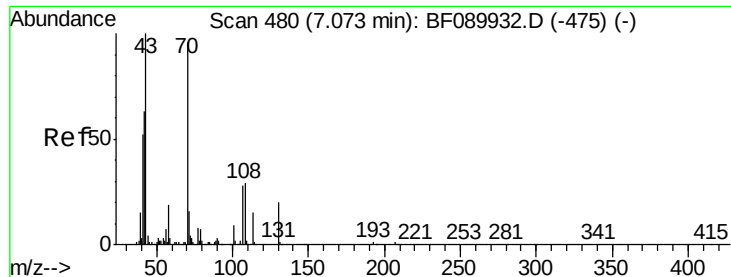
#18
Hexachloroethane
Concen: 3.51 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.00 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

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

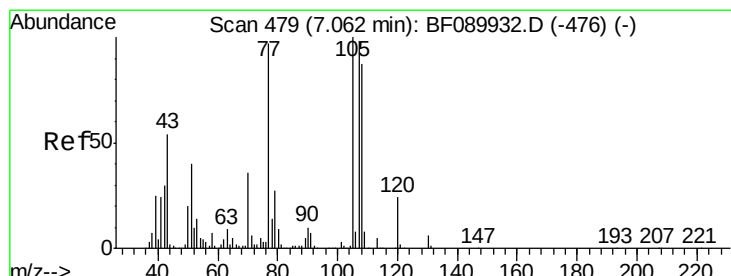
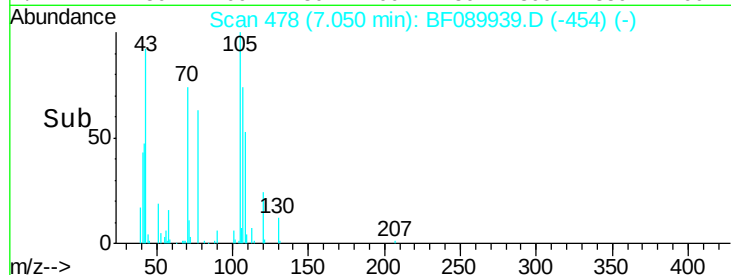
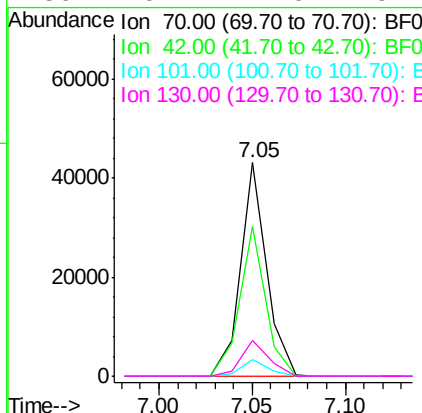
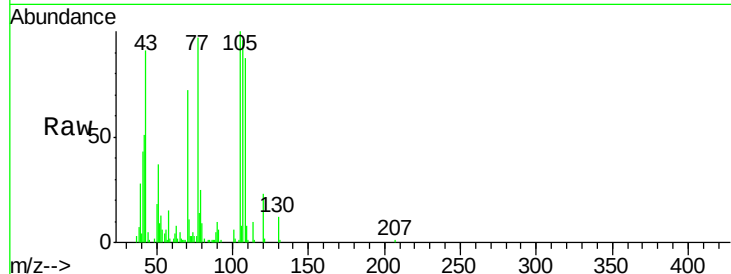




#19
n-Nitroso-di-n-propylamine
Concen: 3.69 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.02 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

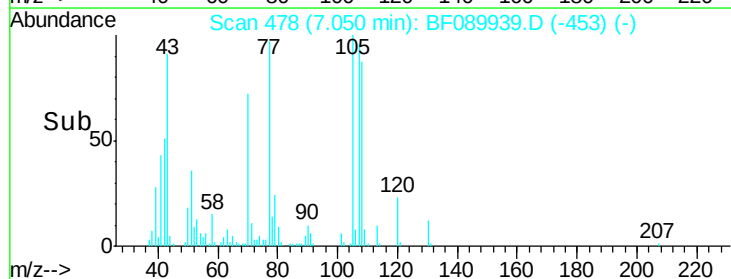
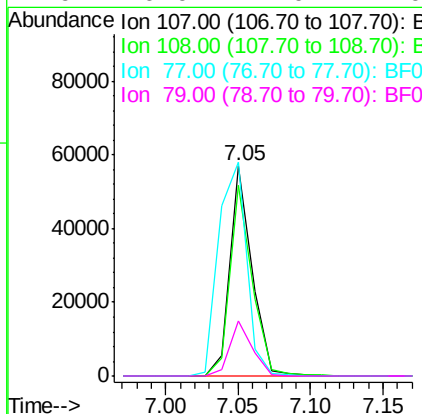
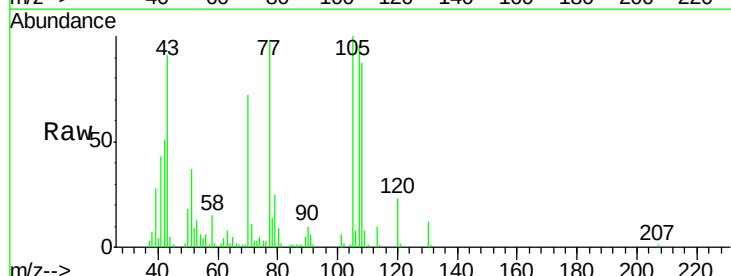
Instrument :
BNA_F
ClientSampleId :

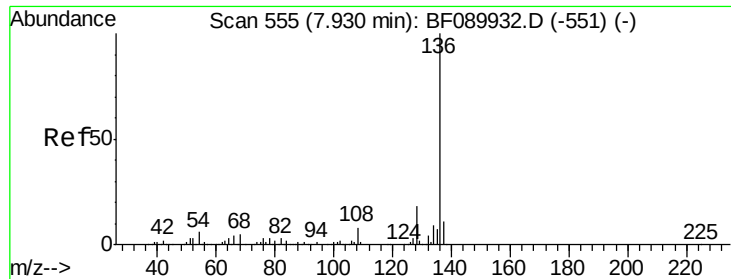
Tot Ion: 70 Resp: 41959
Ion Ratio Lower Upper
70 100
42 70.1 52.1 78.1
101 8.0 7.4 11.2
130 16.7 17.0 25.4#



#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

ClientSampled :

Tot Ion:136 Resp: 947347

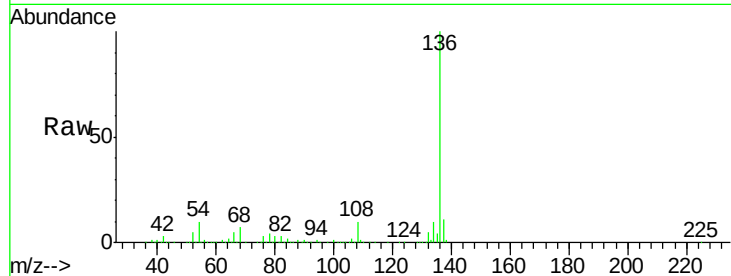
Ion Ratio Lower Upper

136 100

137 11.5 8.3 12.5

54 9.7 4.8 7.2#

68 6.7 3.7 5.5#

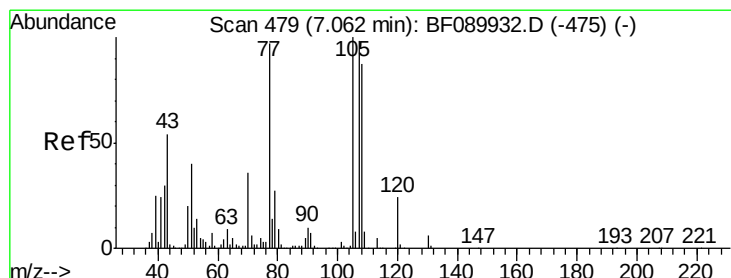
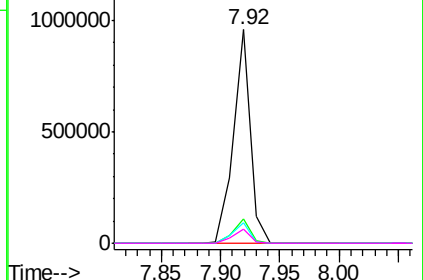
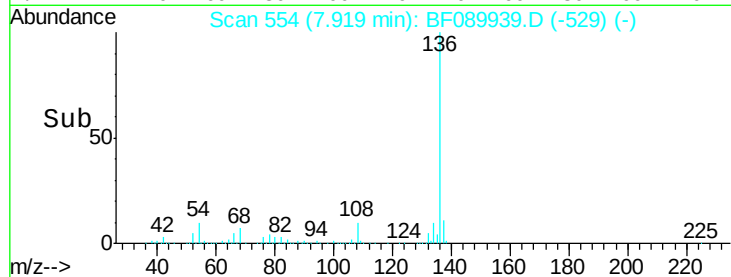


Abundance Ion 136.00 (135.70 to 136.70): E

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

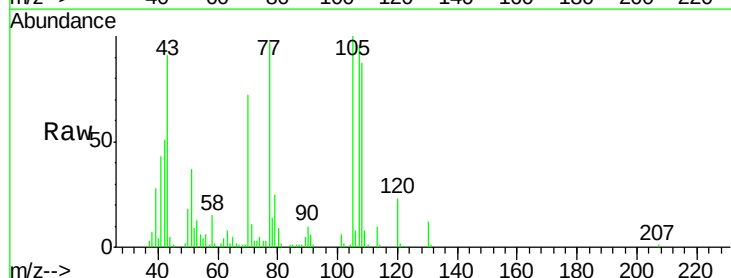
Ion Ratio Lower Upper

105 100

71 11.5 5.3 7.9#

51 36.9 32.6 48.8

120 23.4 18.6 28.0

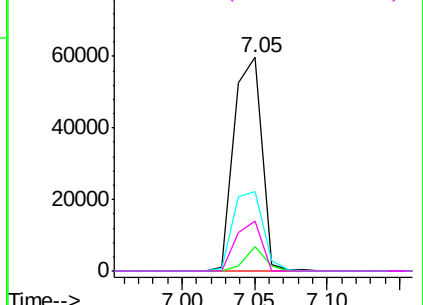
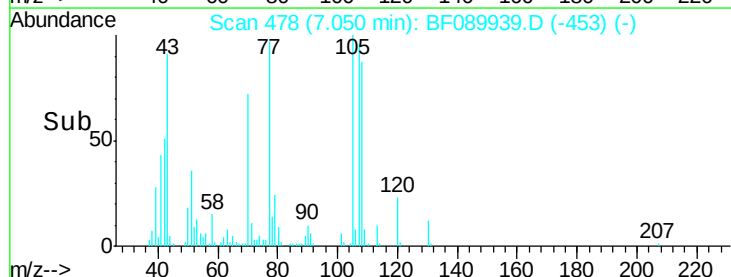


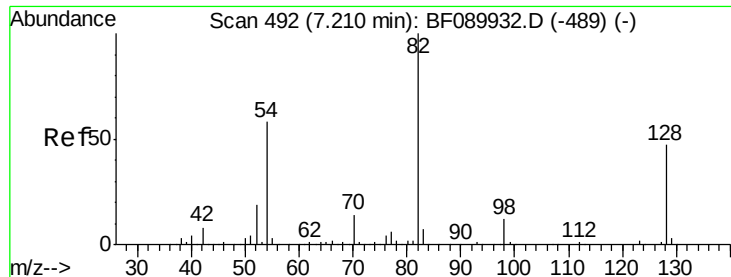
Abundance Ion 105.00 (104.70 to 105.70): E

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

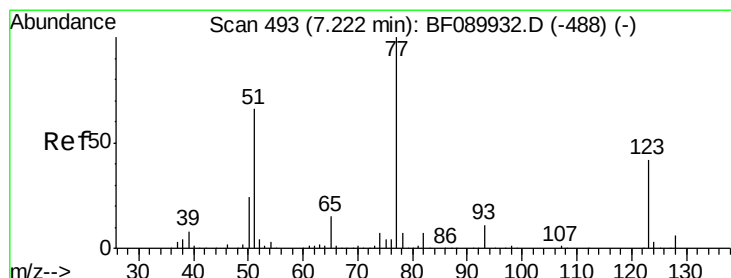
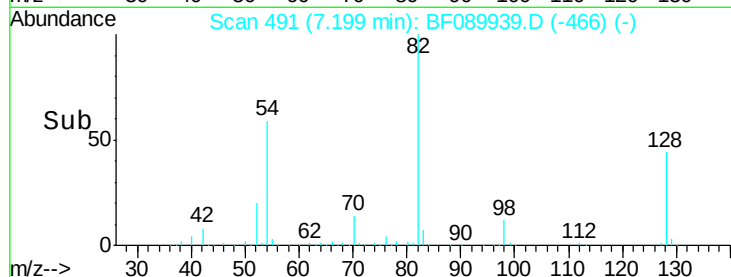
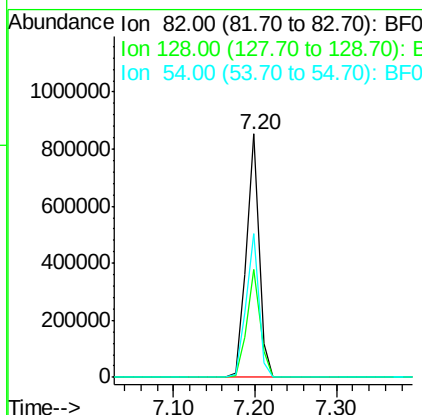
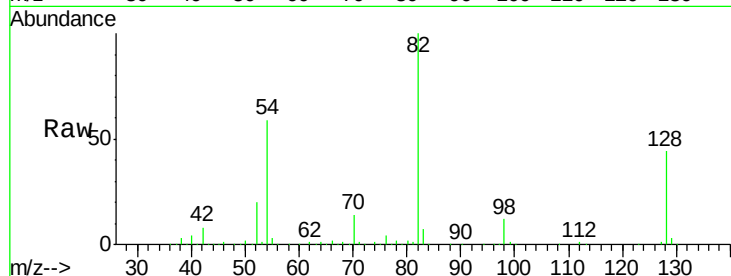




#23
 Nitrobenzene-d5
 Concen: 56.80 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.01 min
 Lab File: BF089939.D
 Acq: 31 Aug 2016 9:58

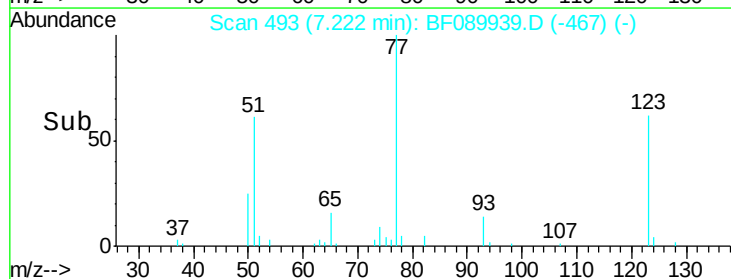
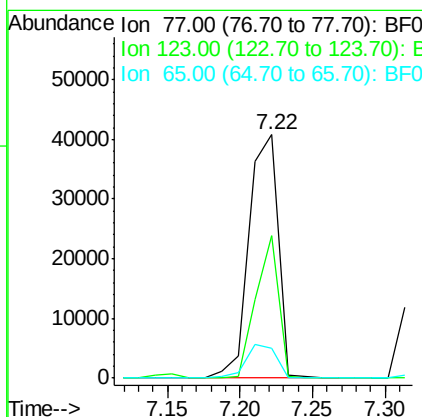
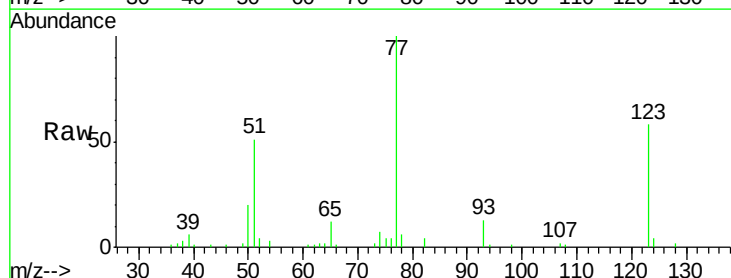
Instrument :
 BNA_F
 ClientSampleId :

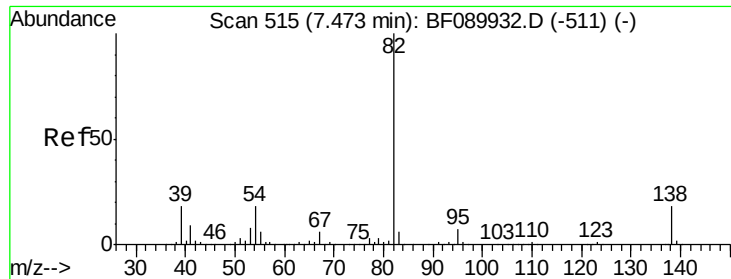
Tot Ion: 82 Resp: 927738
 Ion Ratio Lower Upper
 82 100
 128 44.4 37.8 56.8
 54 59.0 46.9 70.3



#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 :

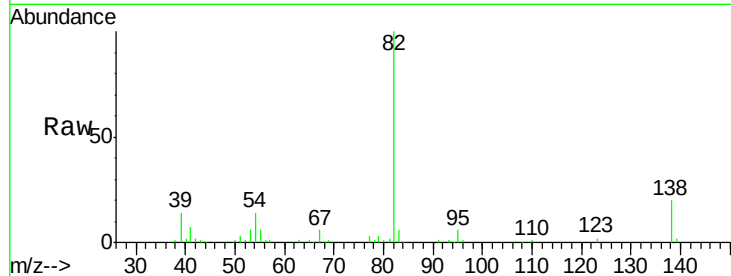
Tot Ion: 82 Resp: 110706

Ion Ratio Lower Upper

82 100

95 6.4 5.5 8.3

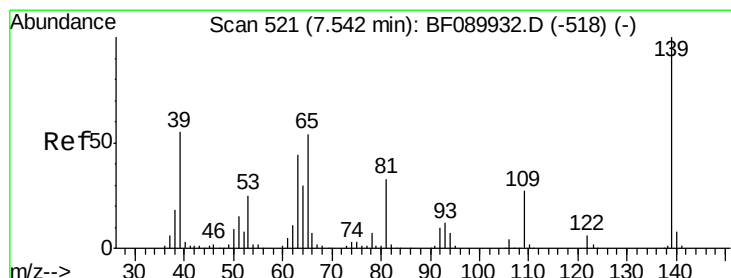
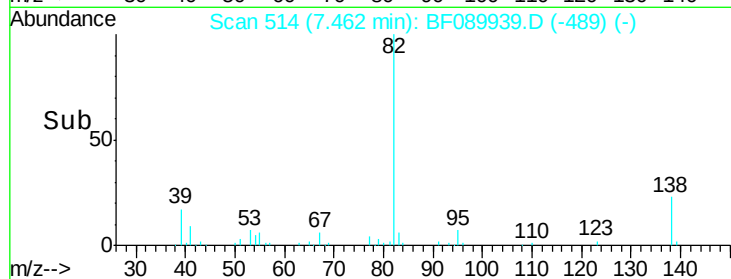
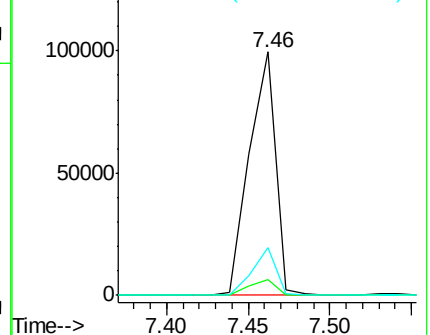
138 19.7 14.4 21.6



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

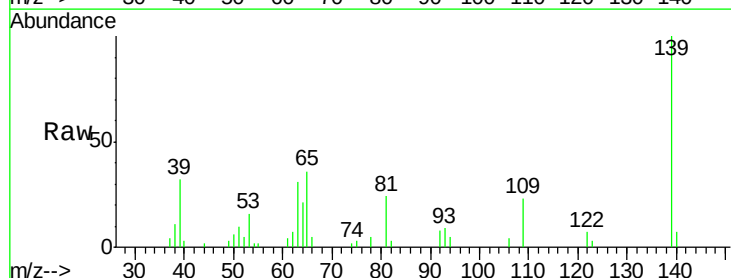
Tgt Ion: 139 Resp: 24355

Ion Ratio Lower Upper

139 100

109 22.7 21.0 31.4

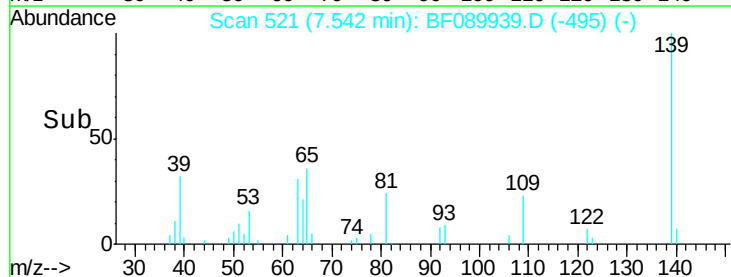
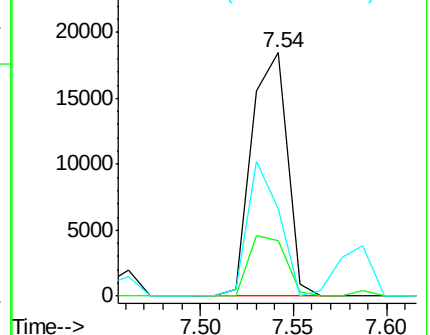
65 35.9 43.4 65.0#

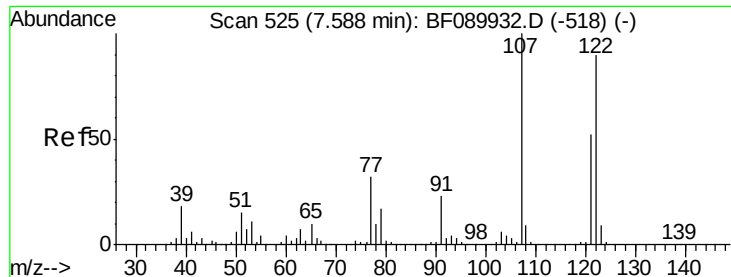


Abundance Ion 139.00 (138.70 to 139.70): BF0

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 :

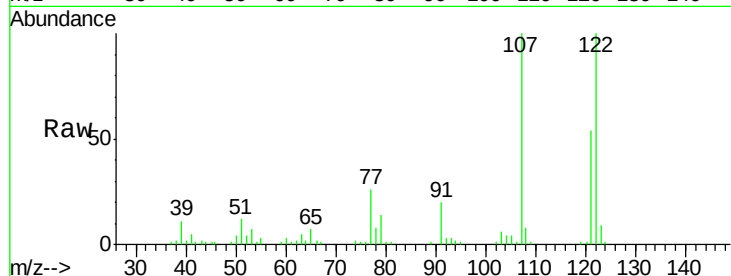
Tot Ion:122 Resp: 56077

Ion Ratio Lower Upper

122 100

107 99.8 88.5 132.7

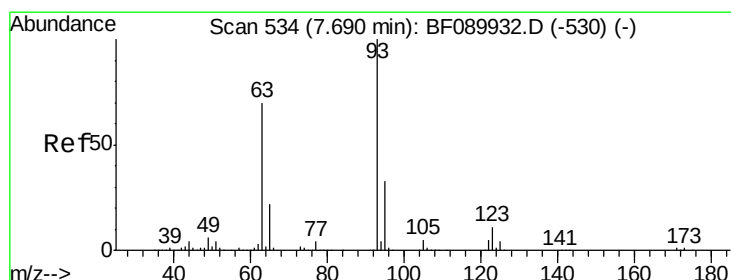
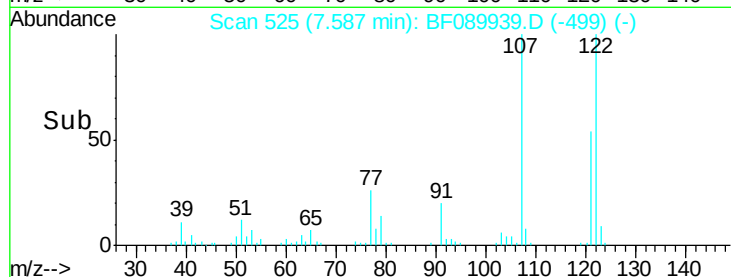
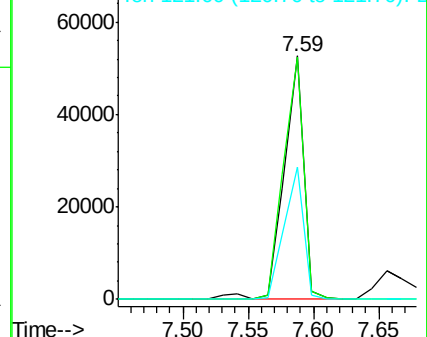
121 54.1 46.0 69.0



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

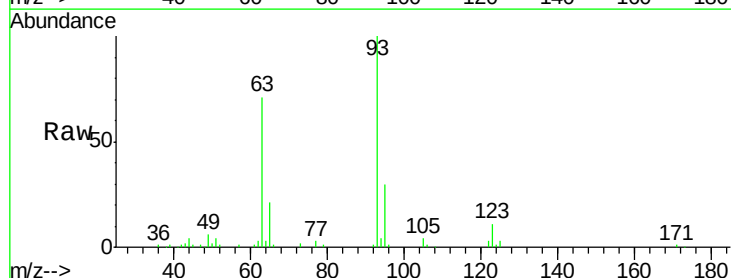
Tgt Ion: 93 Resp: 70405

Ion Ratio Lower Upper

93 100

95 30.4 26.6 40.0

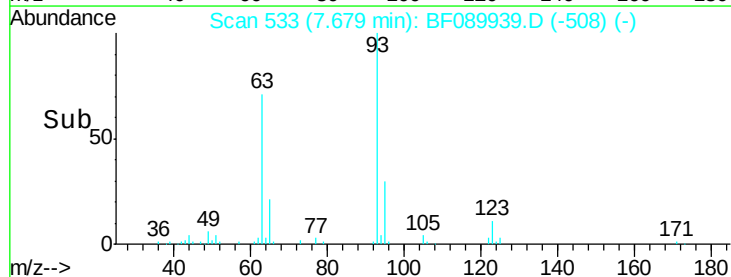
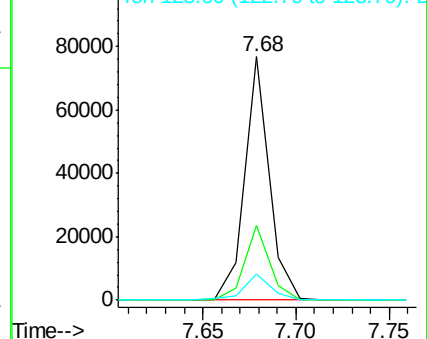
123 10.5 9.1 13.7

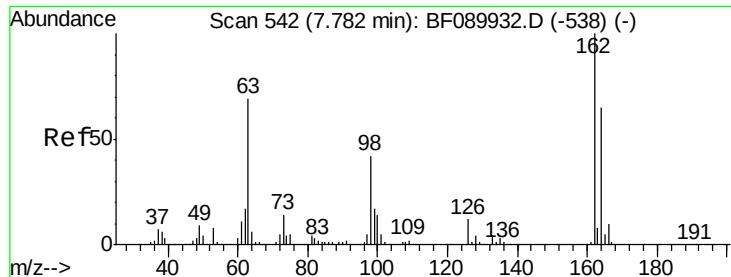


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

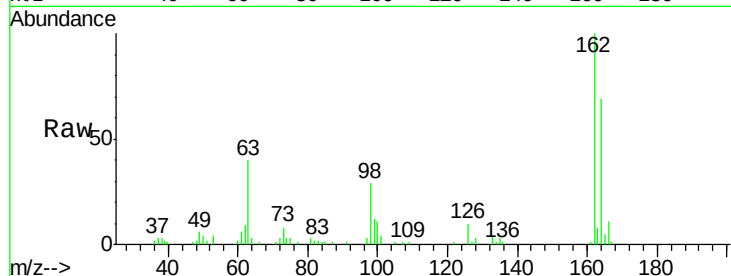




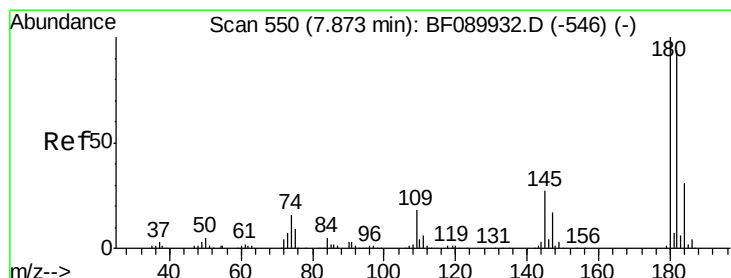
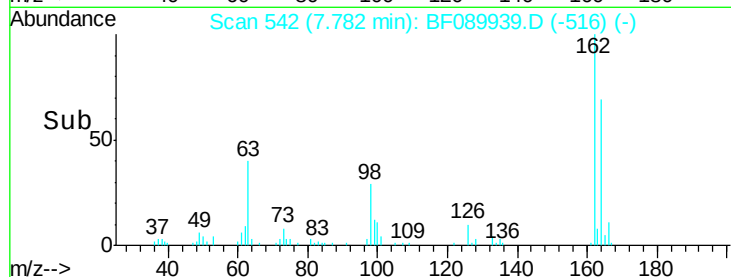
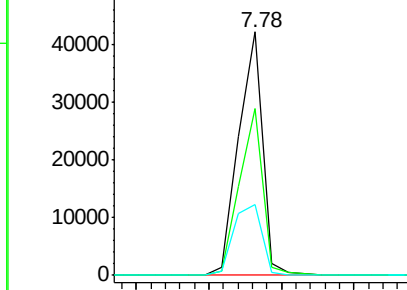
#29
 2,4-Dichlorophenol
 Concen: 3.51 ng
 RT: 7.78 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF089939.D
 Acq: 31 Aug 2016 9:58

Instrument :
 BNA_F
 ClientSampleId :

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

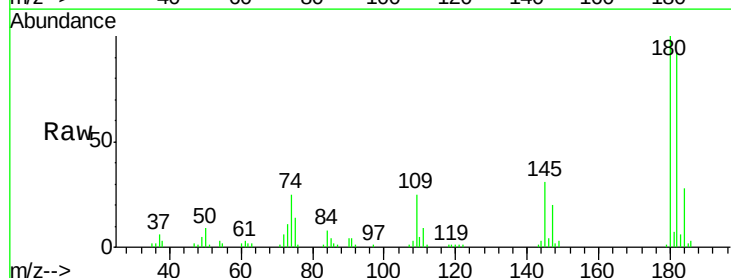


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

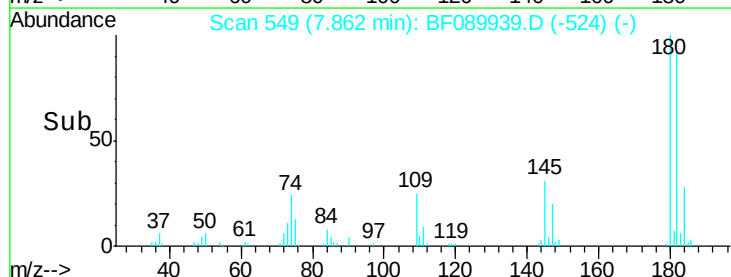
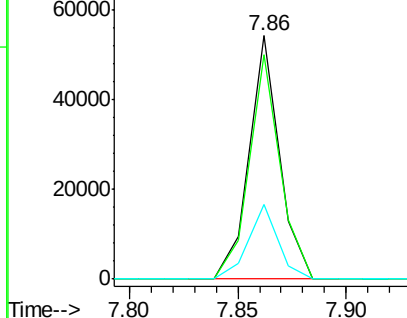


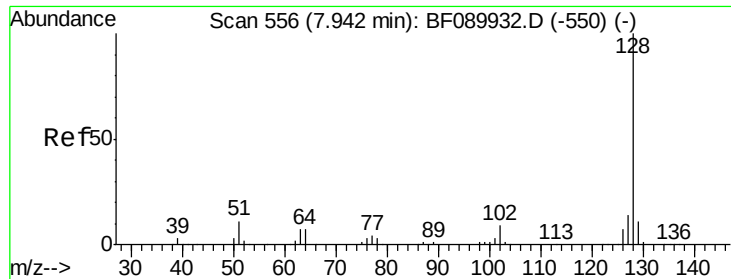
#30
 1,2,4-Trichlorobenzene
 Concen: 3.50 ng
 RT: 7.86 min Scan# 549
 Delta R.T. -0.01 min
 Lab File: BF089939.D
 Acq: 31 Aug 2016 9:58

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

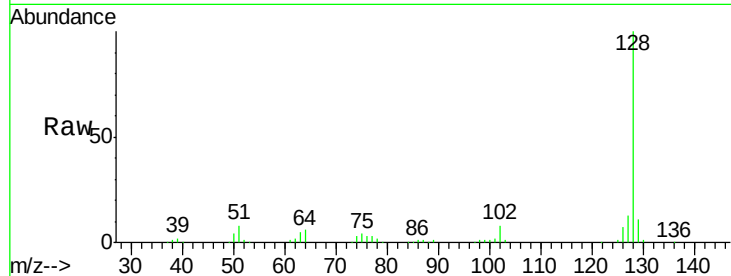




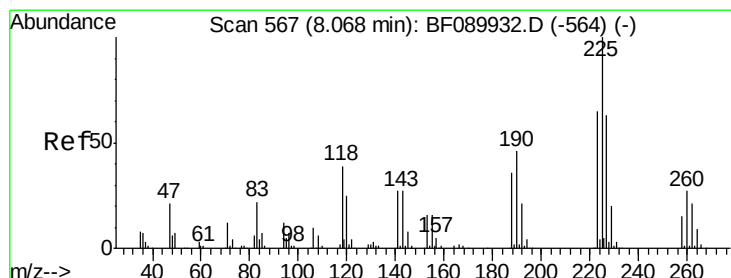
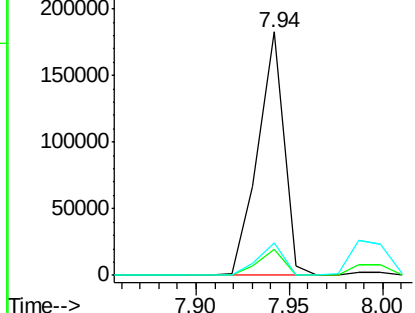
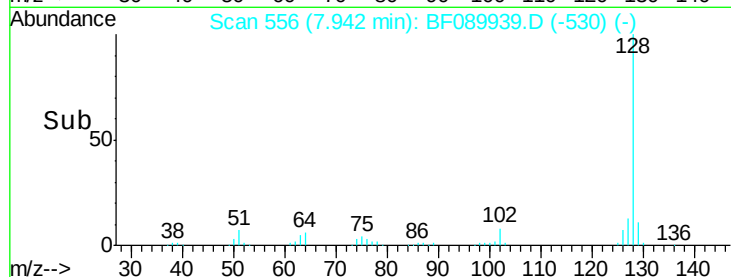
#31
Naphthalene
Concen: 3.75 ng
RT: 7.94 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Instrument :
BNA_F
ClientSampleId :

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

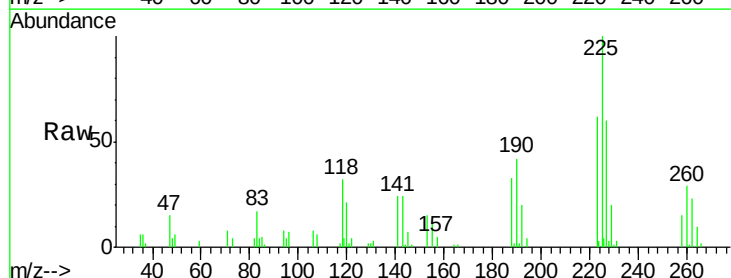


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

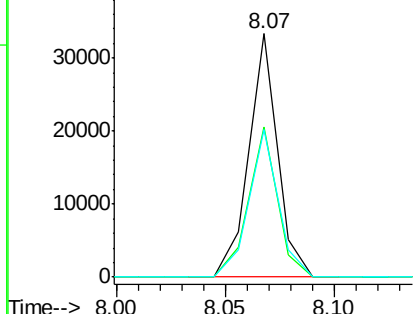
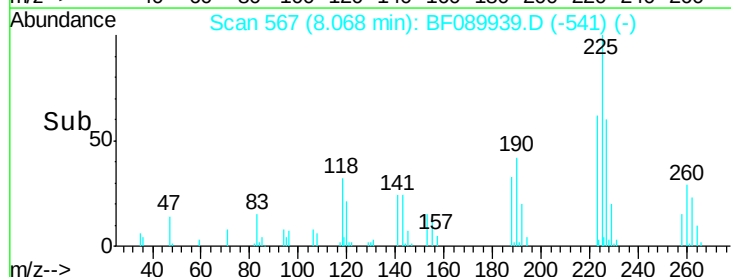


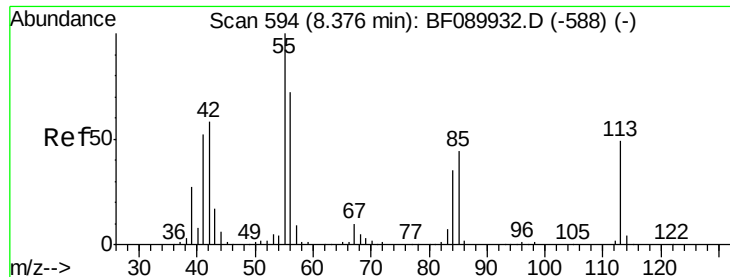
#34
Hexachlorobutadiene
Concen: 3.47 ng
RT: 8.07 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

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

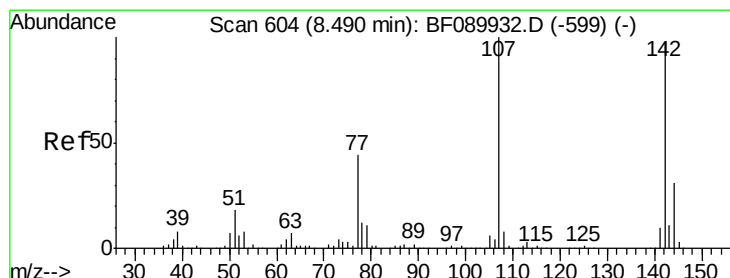
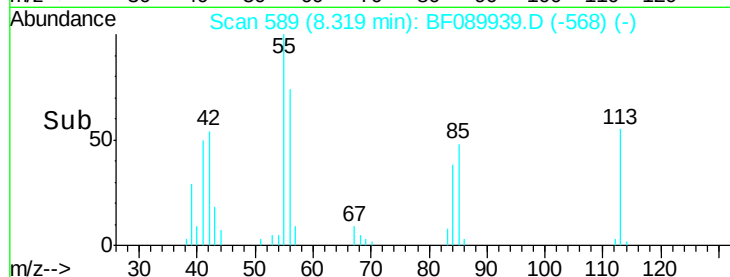
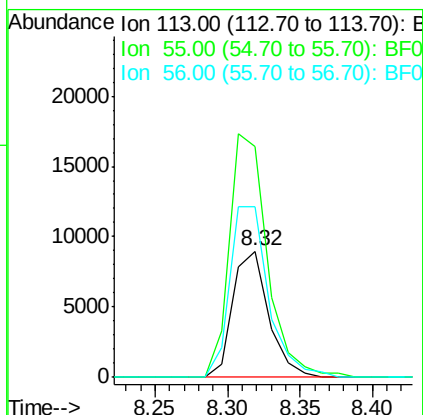
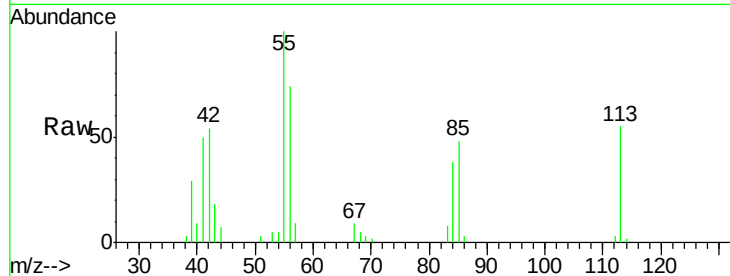




#35
 Caprolactam
 Concen: 3.55 ng
 RT: 8.32 min Scan# 589
 Delta R.T. -0.06 min
 Lab File: BF089939.D
 Acq: 31 Aug 2016 9:58

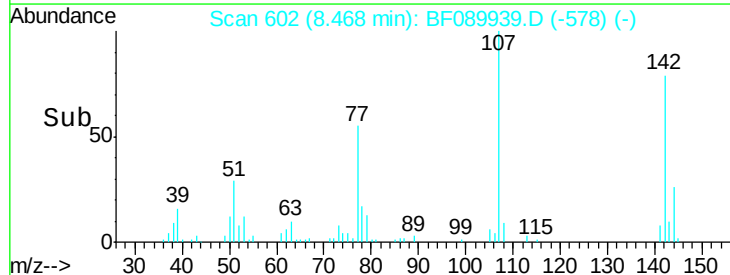
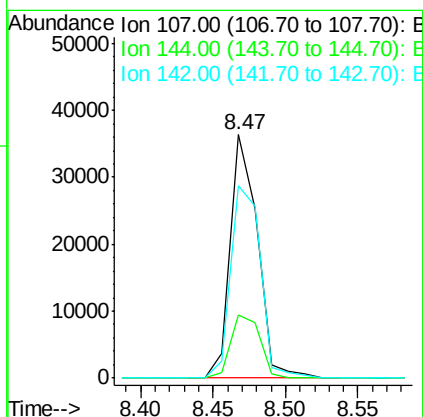
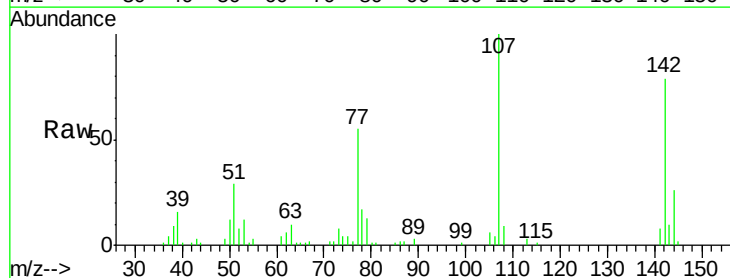
Instrument :
 BNA_F
 ClientSampled :

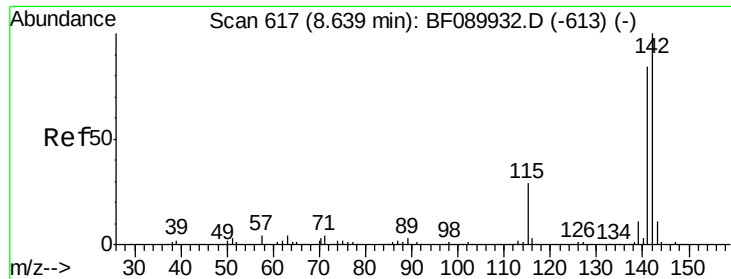
Tot Ion:113 Resp: 15431
 Ion Ratio Lower Upper
 113 100
 55 182.6 178.5 218.5
 56 135.2 122.7 162.7



#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#

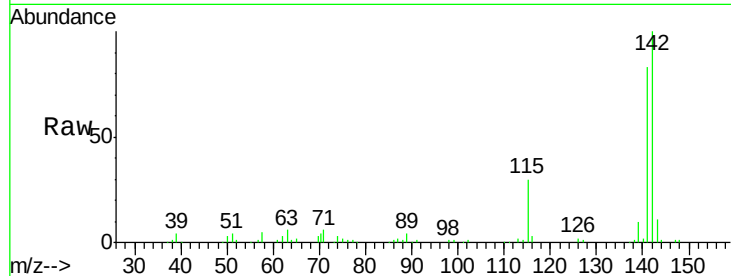




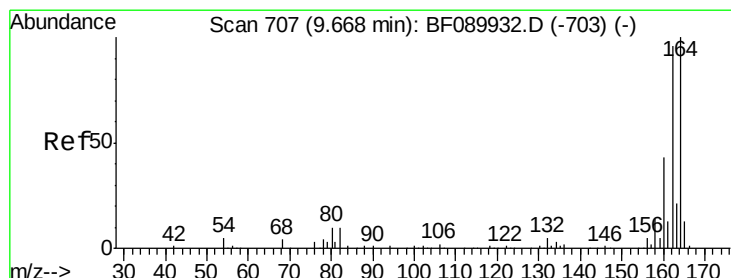
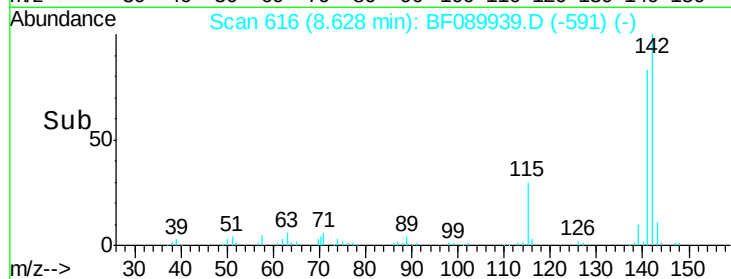
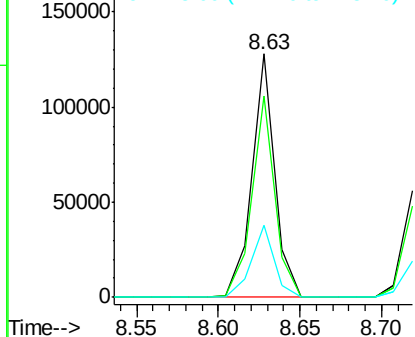
#37
2-Methylnaphthalene
Concen: 3.98 ng
RT: 8.63 min Scan# 616
Delta R.T. -0.01 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Instrument :
BNA_F
ClientSampleId :

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

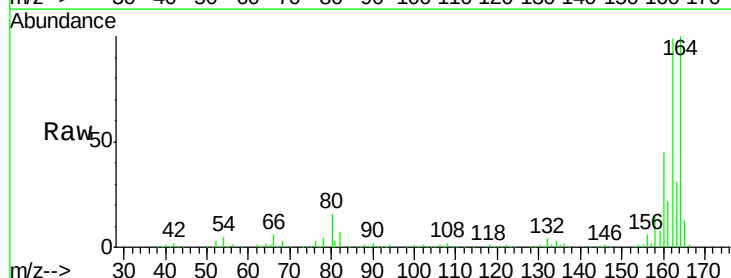


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

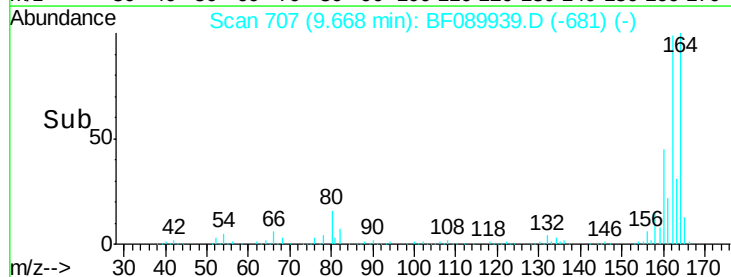
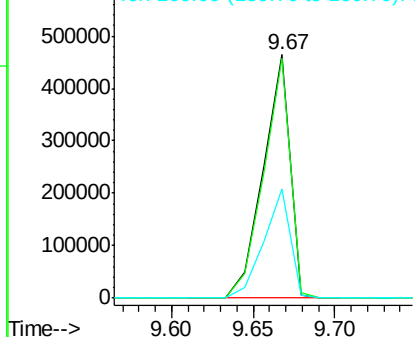


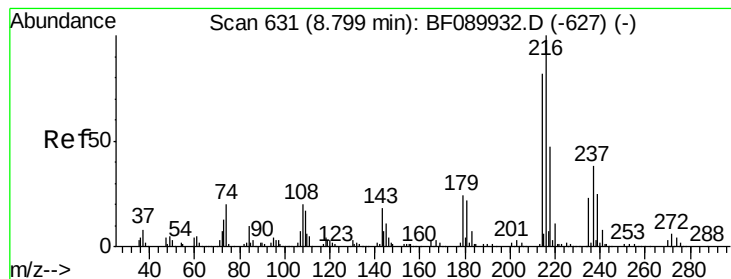
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.67 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

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



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 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 :

Tot Ion:216 Resp: 55019

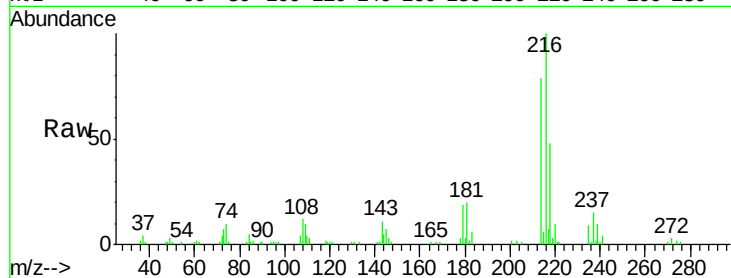
Ion Ratio Lower Upper

216 100

214 79.8 63.4 95.2

179 20.2 17.3 25.9

108 18.4 15.5 23.3

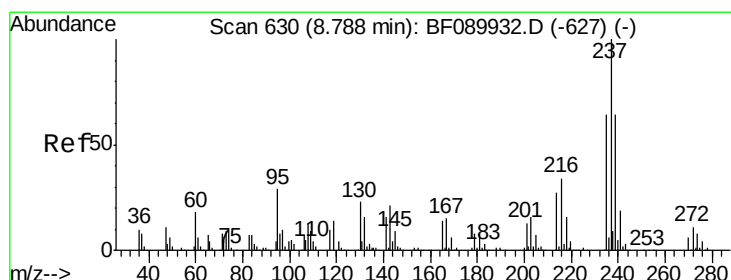
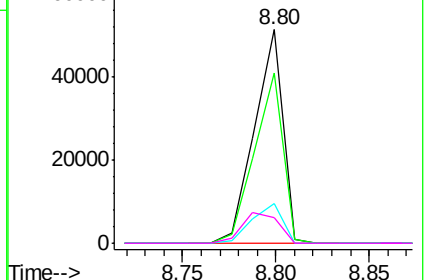
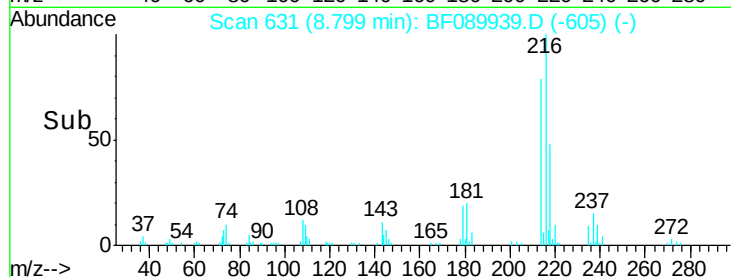


Abundance Ion 216.00 (215.70 to 216.70): E

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

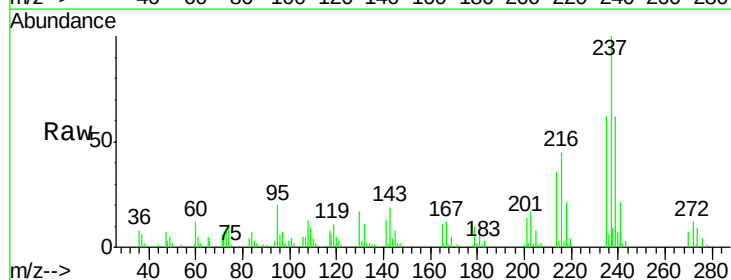
Tgt Ion:237 Resp: 52619

Ion Ratio Lower Upper

237 100

235 62.4 39.6 79.6

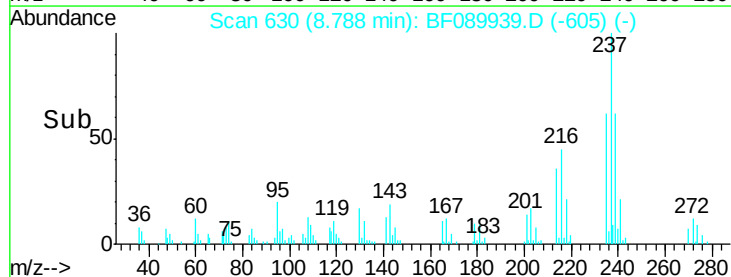
272 11.6 0.0 34.6



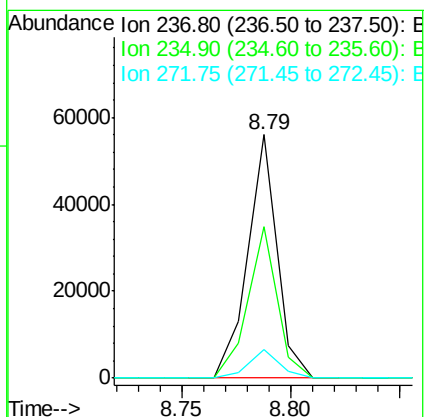
Abundance Ion 236.80 (236.50 to 237.50): E

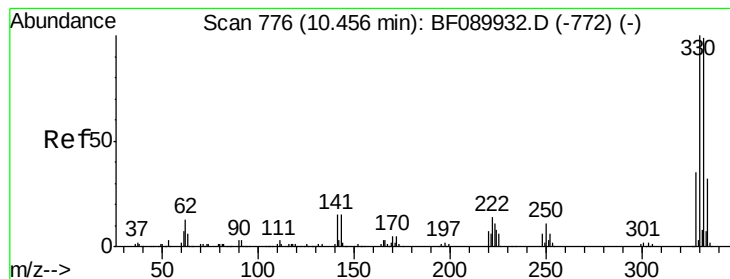
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

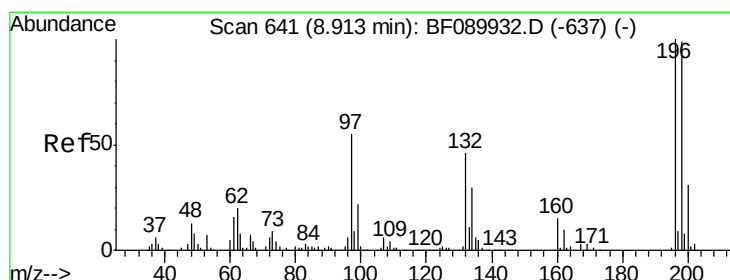
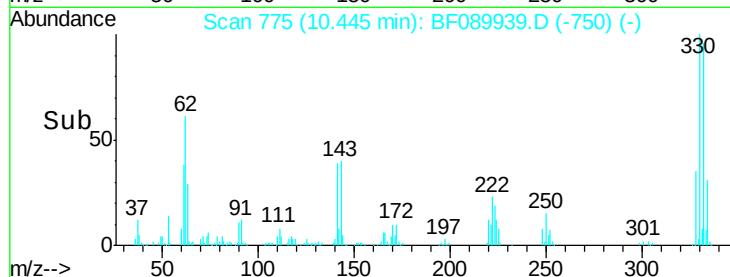
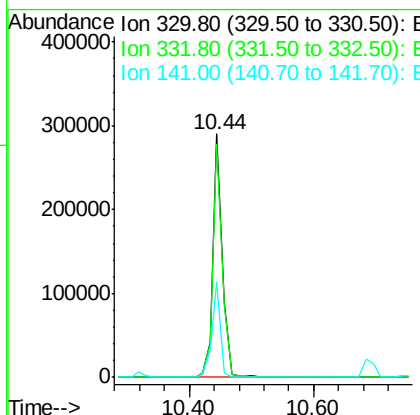
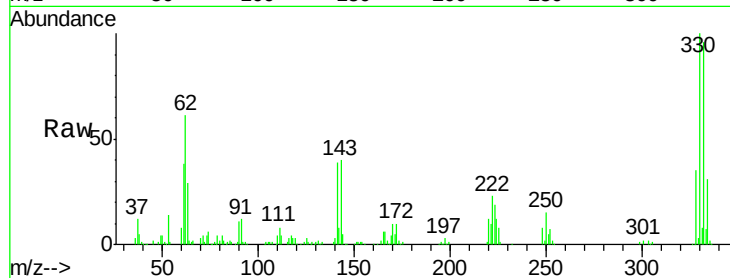




#41
 2,4,6-Tribromophenol
 Concen: 57.76 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF089939.D
 Acq: 31 Aug 2016 9:58

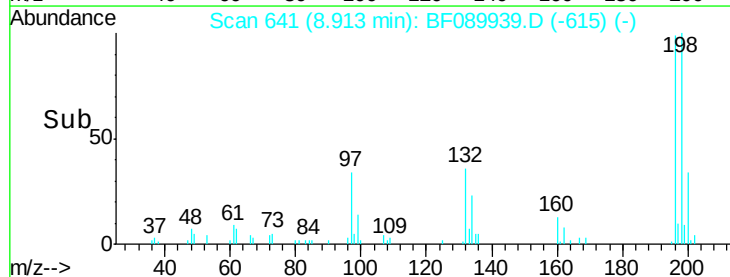
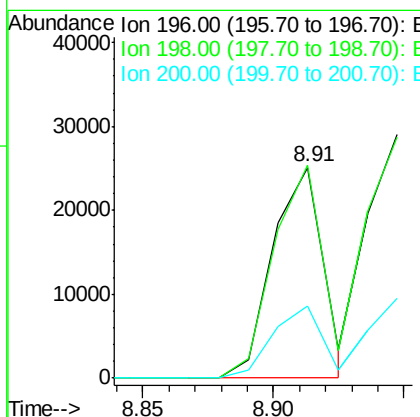
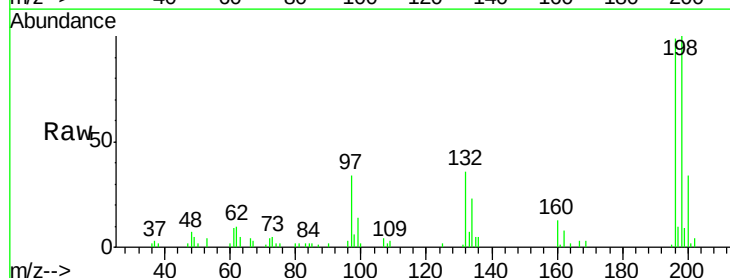
Instrument :
 BNA_F
 ClientSampleId :

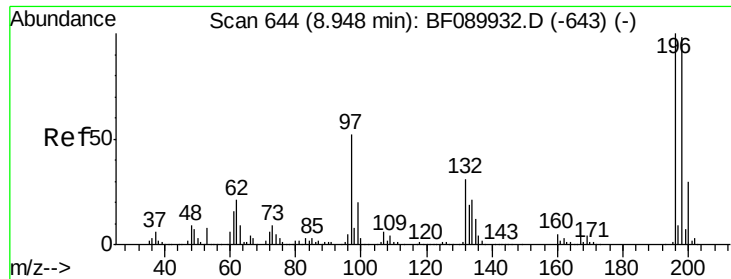
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.6	117.8
141	36.0	23.3	34.9#



#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	Ratio	Lower	Upper
196	100		
198	100.7	78.3	117.5
200	34.2	24.8	37.2

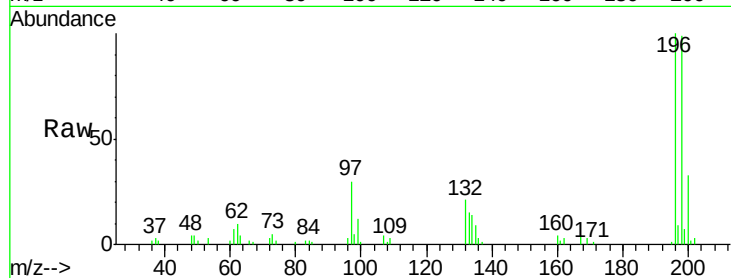




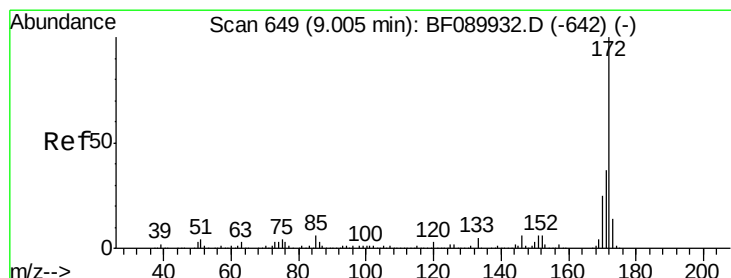
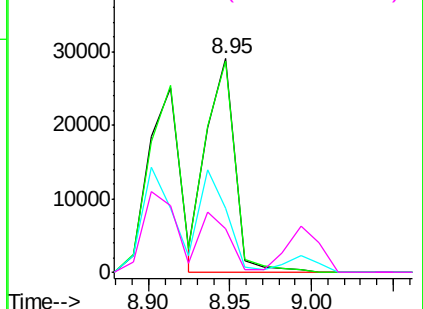
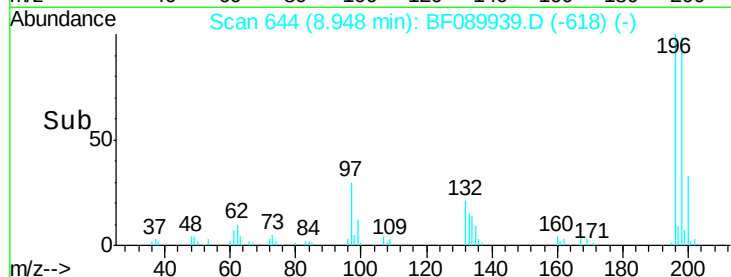
#43
 2,4,5-Trichlorophenol
 Concen: 3.44 ng
 RT: 8.95 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: BF089939.D
 Acq: 31 Aug 2016 9:58

Instrument :
 BNA_F
 ClientSampleId :

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#

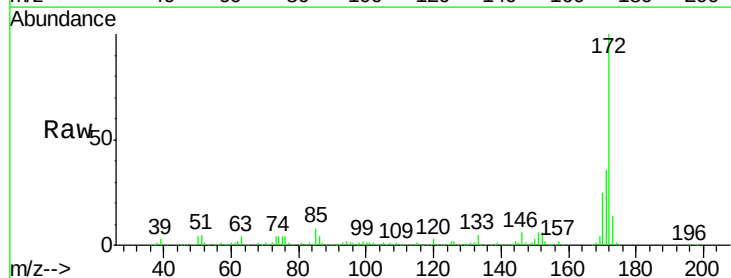


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

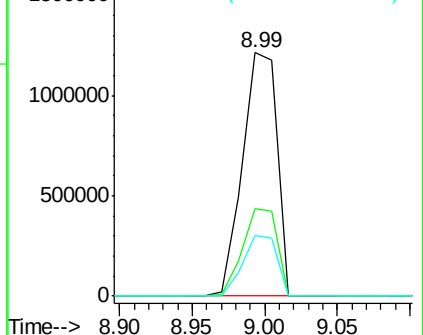
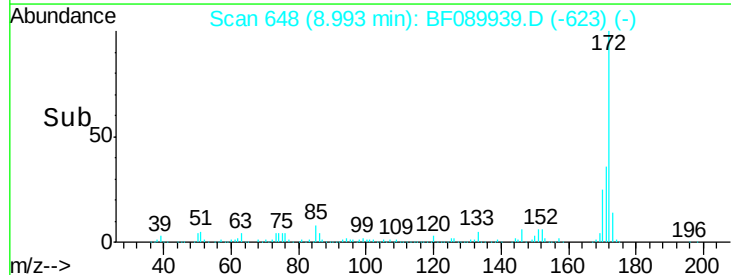


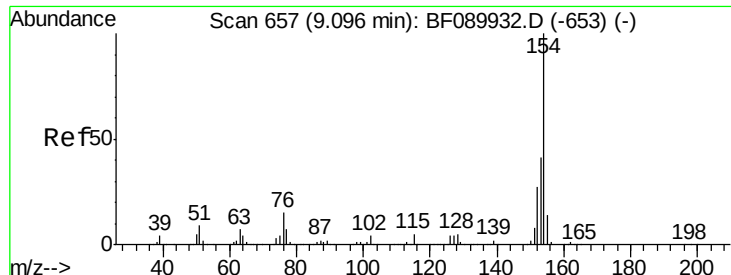
#44
 2-Fluorobiphenyl
 Concen: 61.88 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.01 min
 Lab File: BF089939.D
 Acq: 31 Aug 2016 9:58

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



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

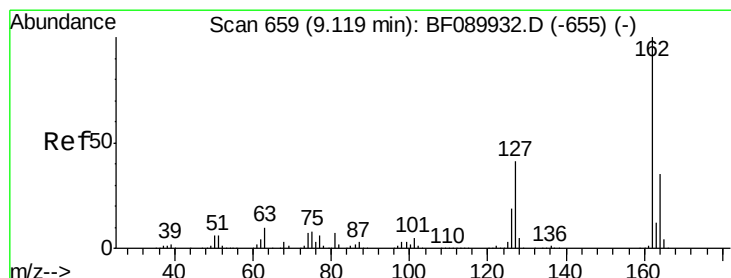
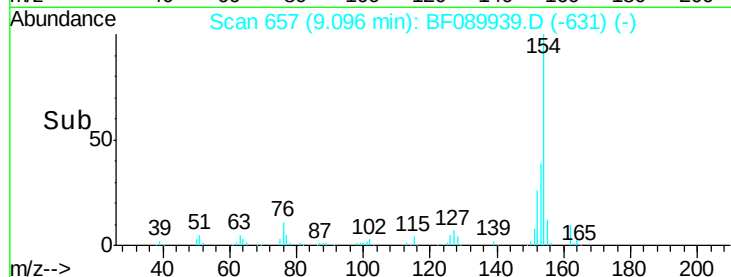
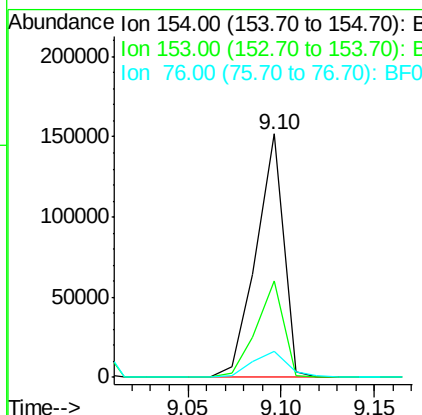
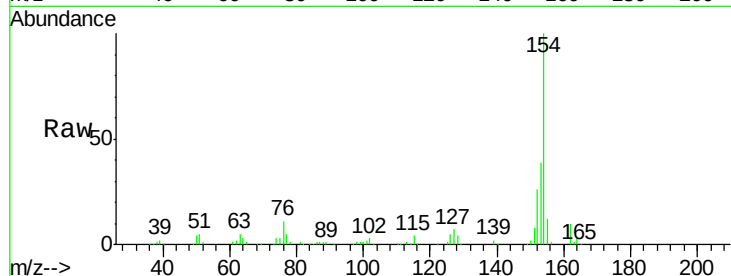




#45
 1,1'-Biphenyl
 Concen: 3.63 ng
 RT: 9.10 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF089939.D
 Acq: 31 Aug 2016 9:58

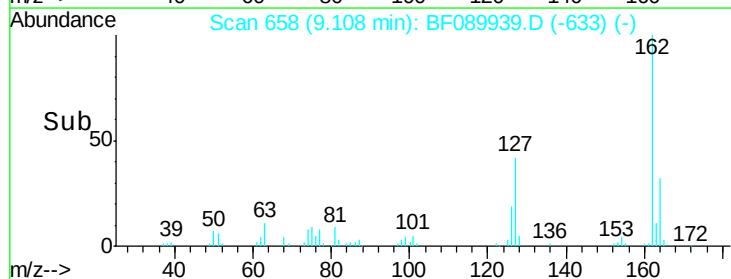
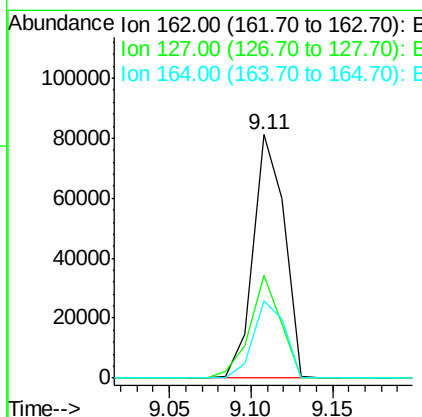
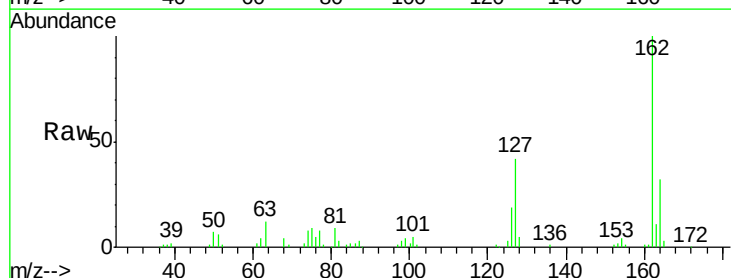
Instrument :
 BNA_F
 ClientSampleId :

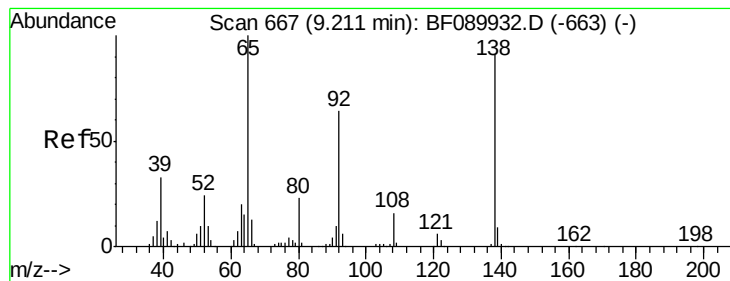
Tot Ion:	154	Resp:	154797
Ion	Ratio	Lower	Upper
154	100		
153	39.5	20.6	60.6
76	10.5	0.0	34.9



#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





#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

ClientSampled :

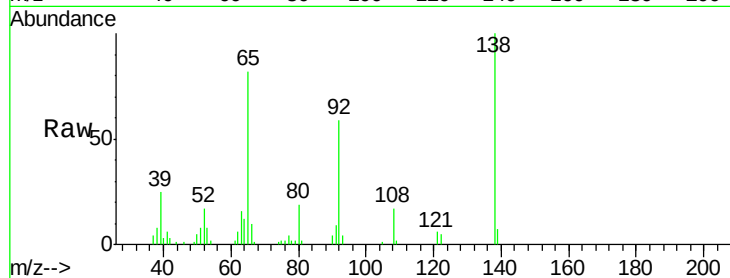
Tot Ion: 65 Resp: 30591

Ion Ratio Lower Upper

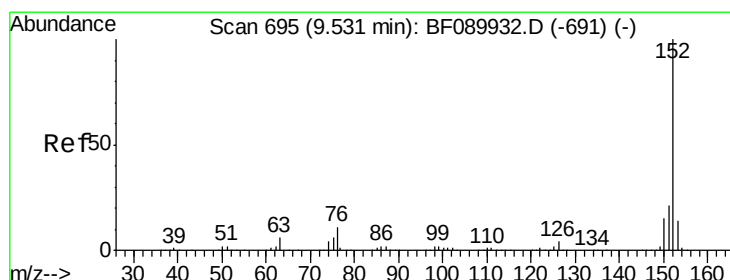
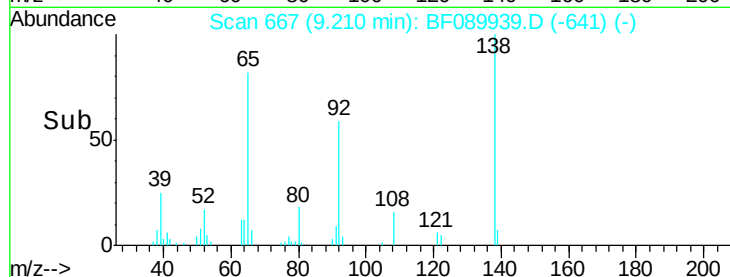
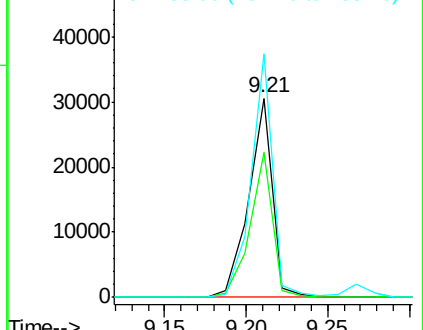
65 100

92 72.6 52.0 78.0

138 122.2 72.1 108.1#



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



#48

Acenaphthylene

Concen: 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

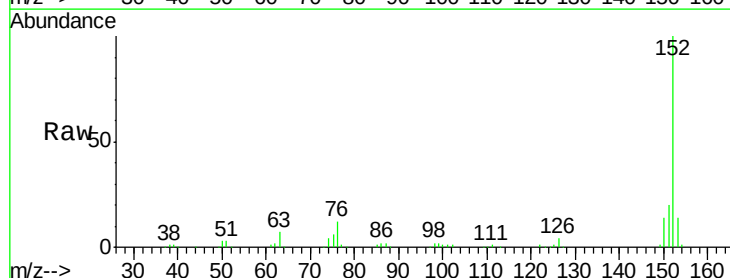
Tgt Ion: 152 Resp: 179171

Ion Ratio Lower Upper

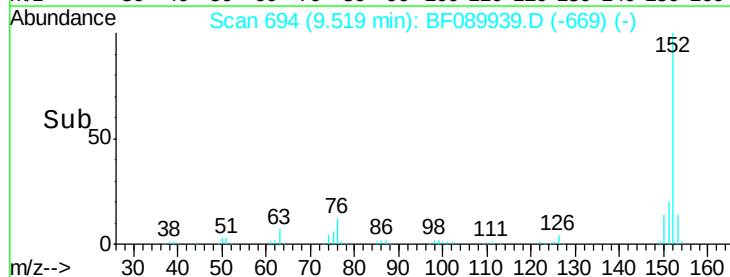
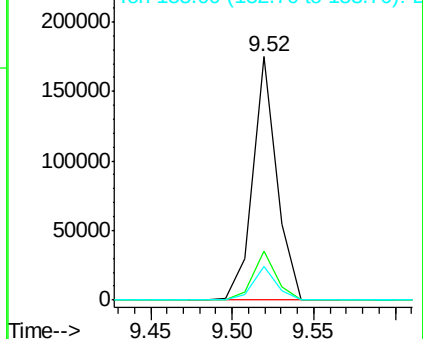
152 100

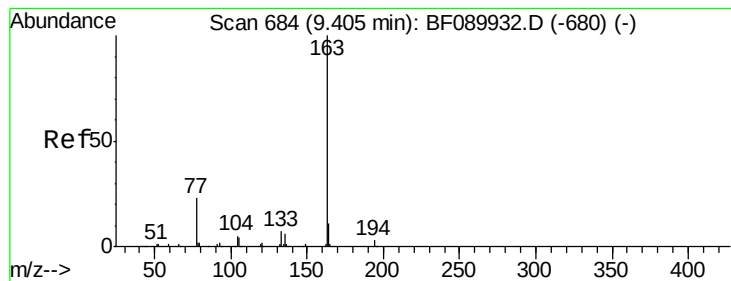
151 20.0 16.7 25.1

153 13.8 11.6 17.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 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 :

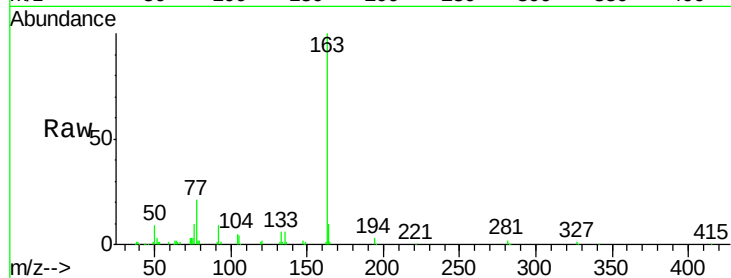
Tot Ion:163 Resp: 139584

Ion Ratio Lower Upper

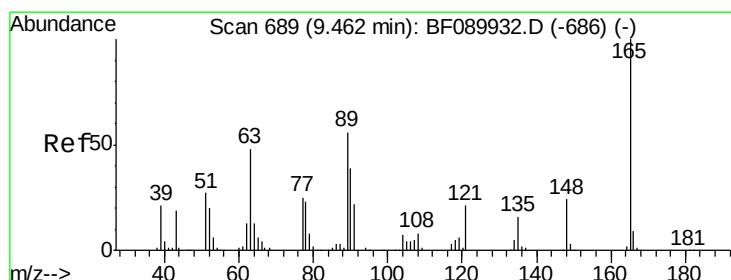
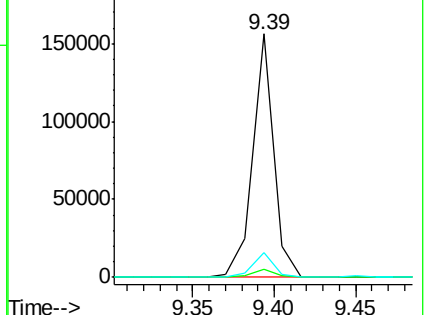
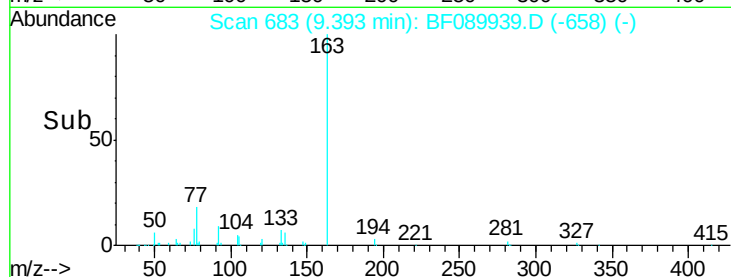
163 100

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

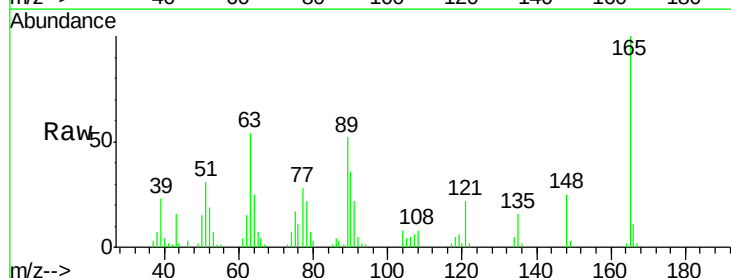
Tgt Ion:165 Resp: 29521

Ion Ratio Lower Upper

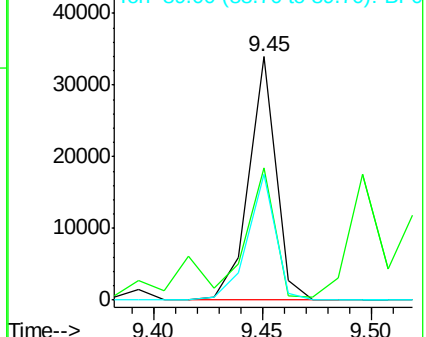
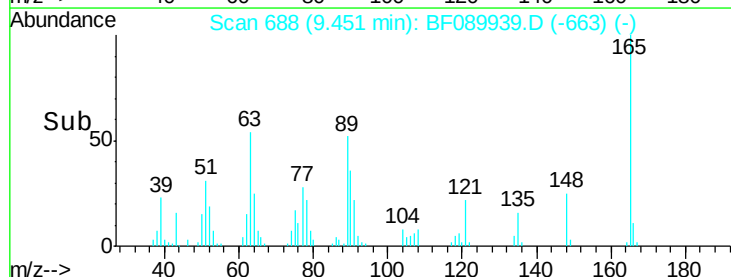
165 100

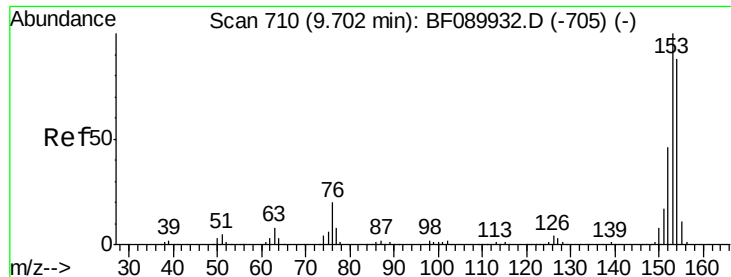
63 54.4 45.0 67.4

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

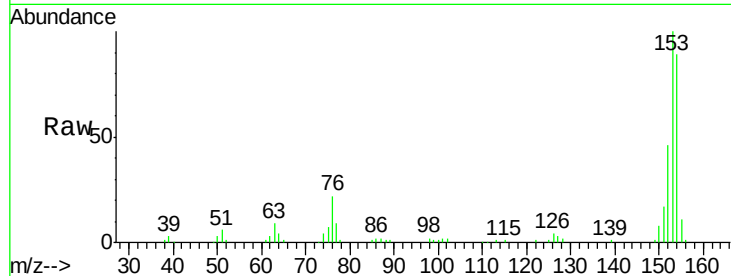




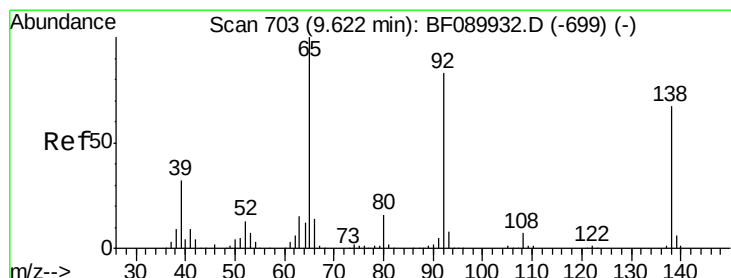
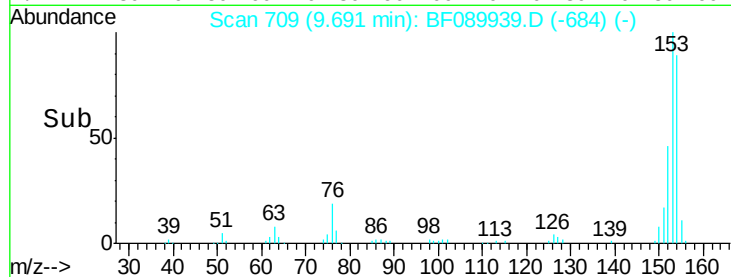
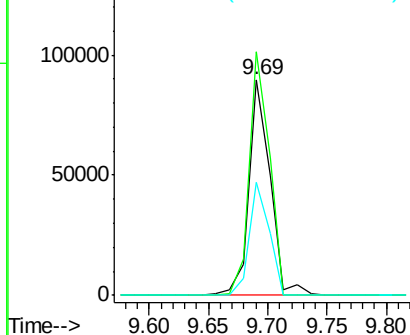
#51
Acenaphthene
Concen: 3.55 ng
RT: 9.69 min Scan# 709
Delta R.T. -0.01 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Instrument :
BNA_F
ClientSampleId :

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

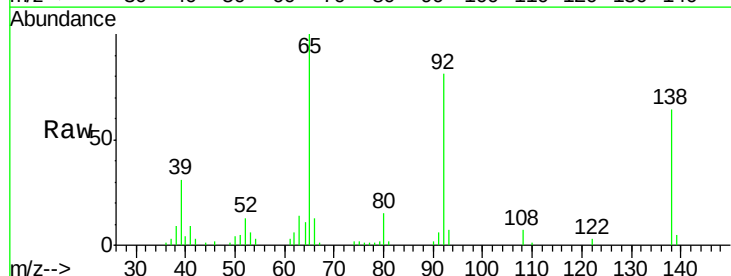


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

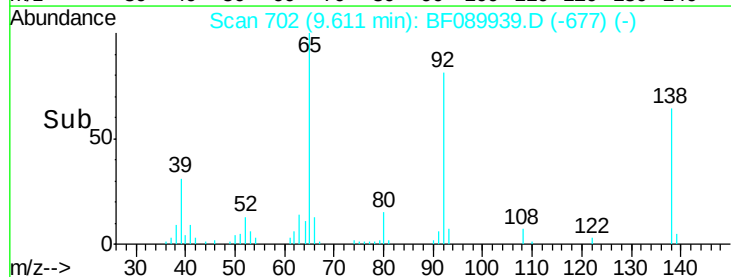
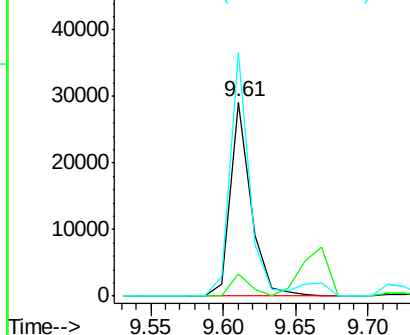


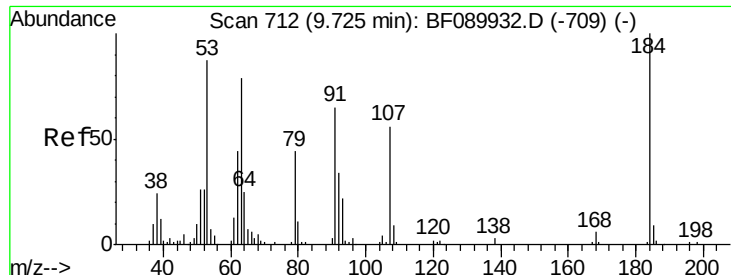
#52
3-Nitroaniline
Concen: 2.97 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.01 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

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

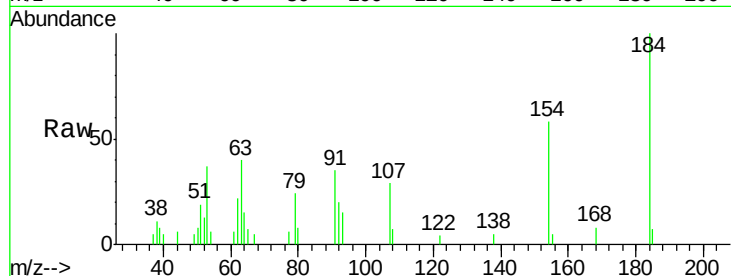




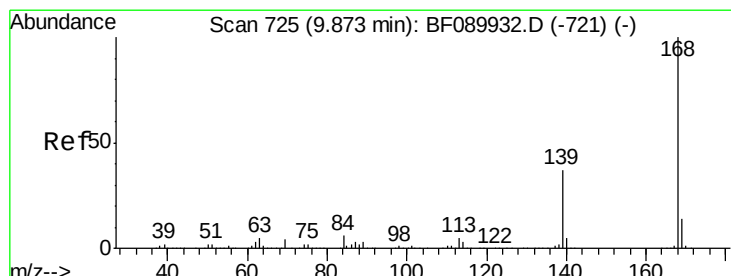
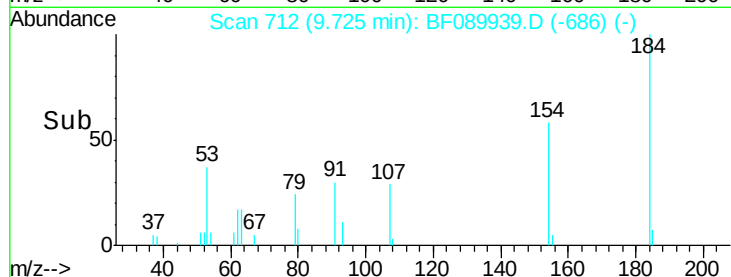
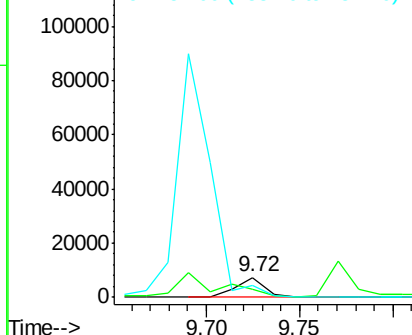
#53
2,4-Dinitrophenol
Concen: 4.47 ng
RT: 9.72 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Instrument :
BNA_F
ClientSampleId :

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

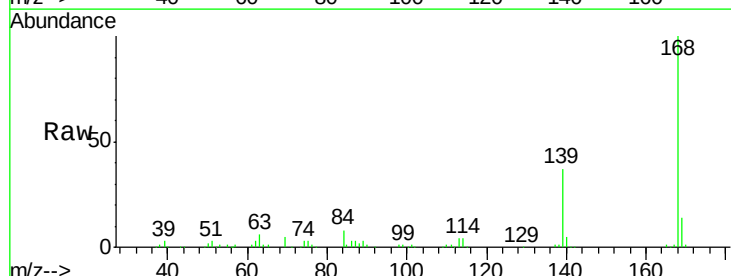


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

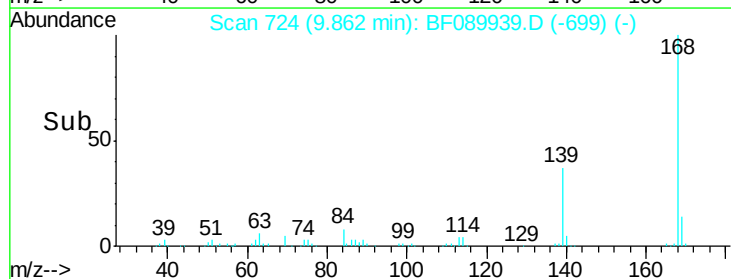
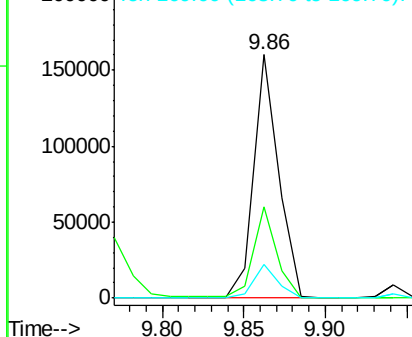


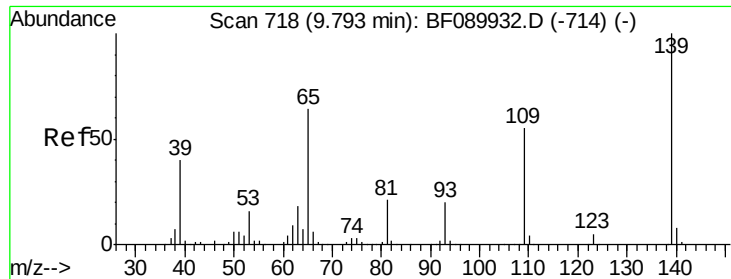
#54
Dibenzofuran
Concen: 4.00 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

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

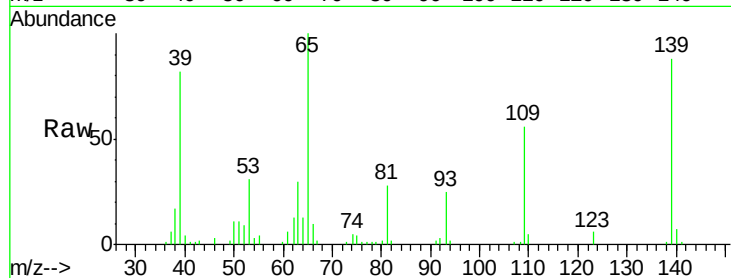




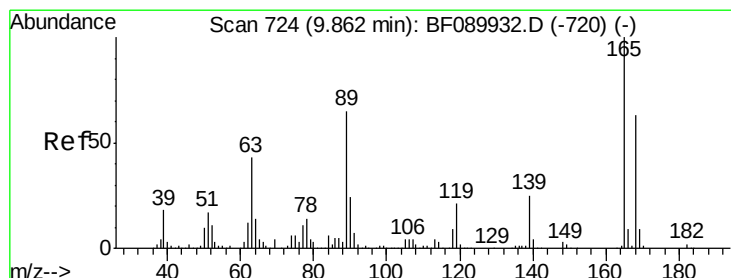
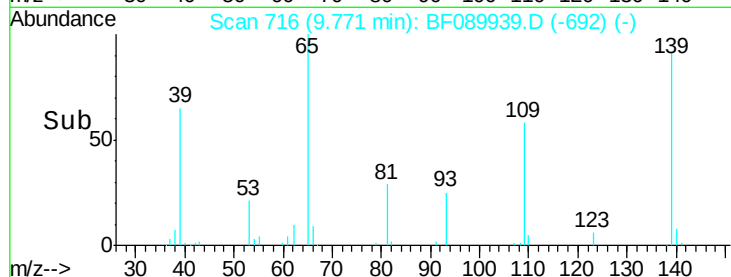
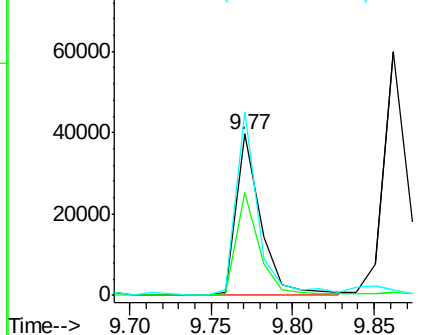
#55
4-Nitrophenol
Concen: 5.65 ng
RT: 9.77 min Scan# 716
Delta R.T. -0.02 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 41386
Ion Ratio Lower Upper
139 100
109 63.7 31.3 71.3
65 113.6 38.5 78.5#

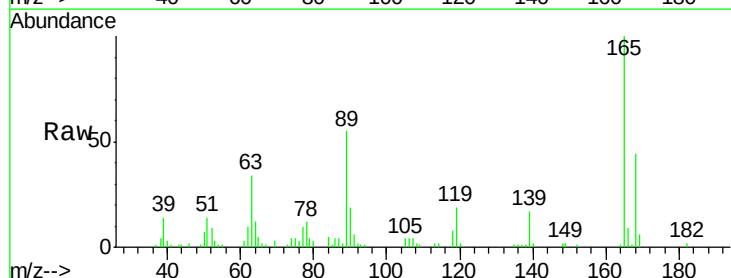


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

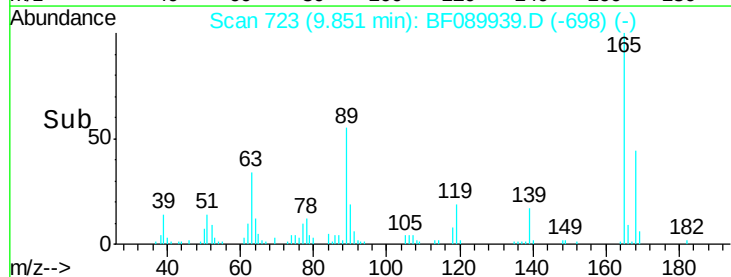
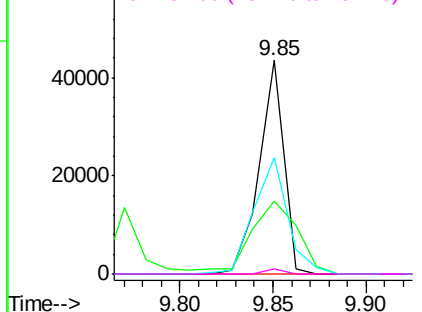


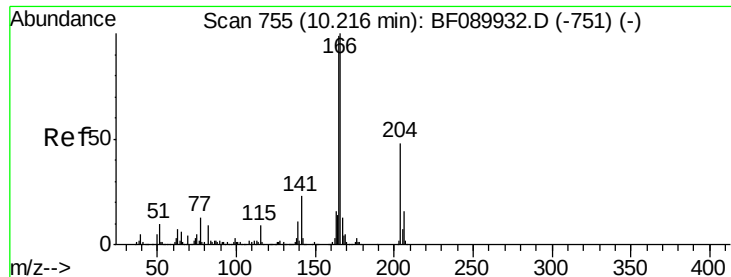
#56
2,4-Dinitrotoluene
Concen: 3.67 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Tgt Ion:165 Resp: 39615
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

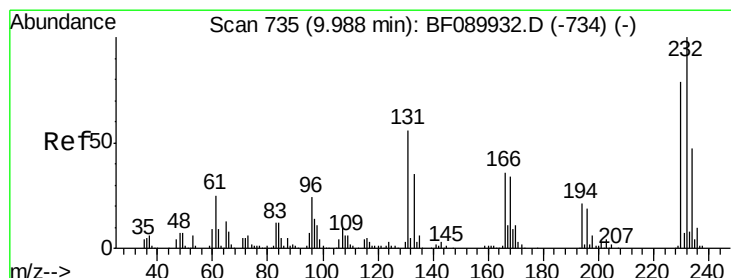
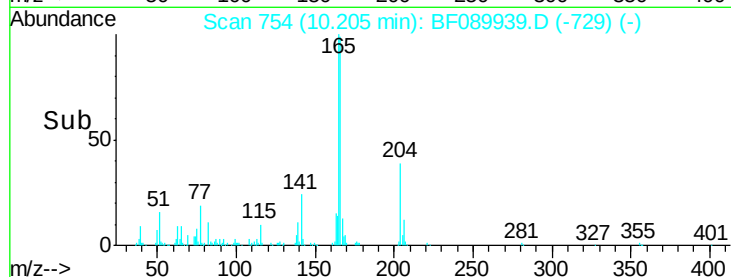
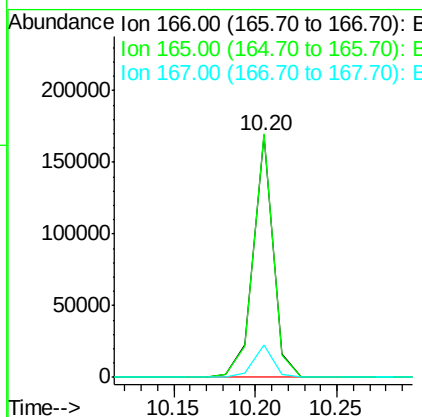
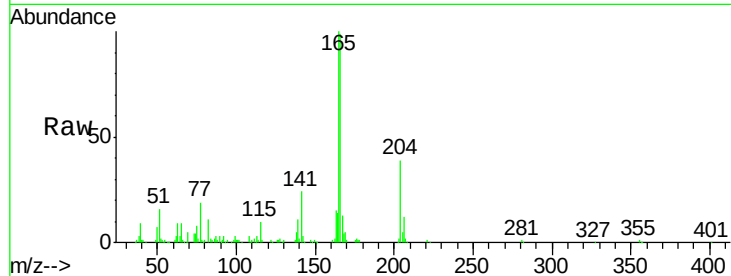




#57
 Fluorene
 Concen: 4.65 ng
 RT: 10.20 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF089939.D
 Acq: 31 Aug 2016 9:58

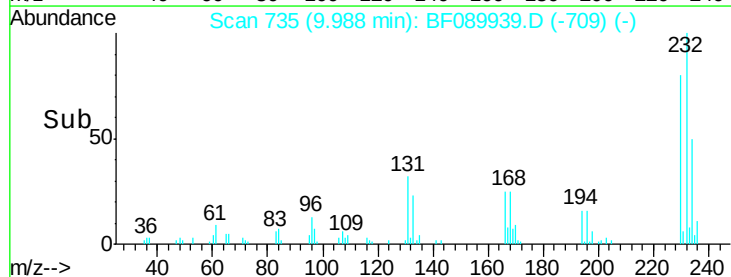
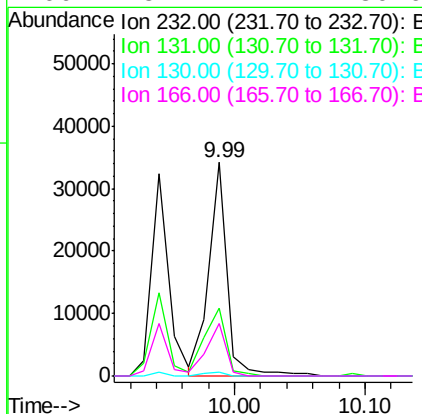
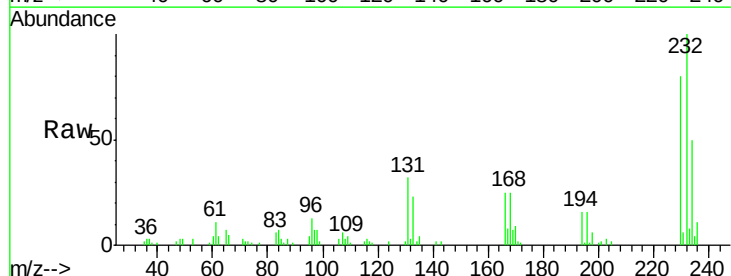
Instrument :
 BNA_F
 ClientSampleId :

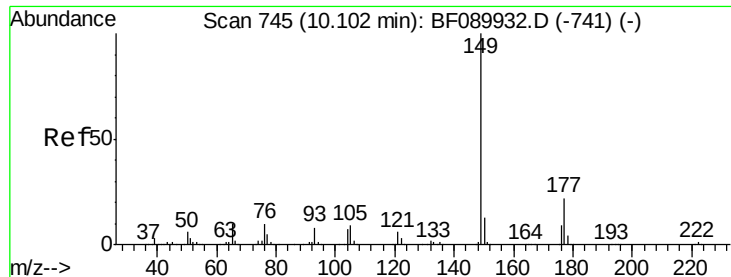
Tot Ion	Ratio	Lower	Upper
166	100		
165	100.7	78.6	118.0
167	13.5	10.6	15.8



#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	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

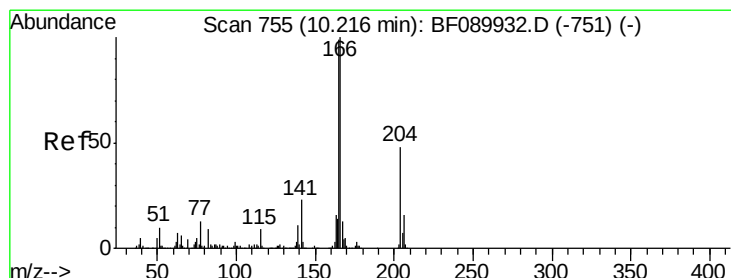
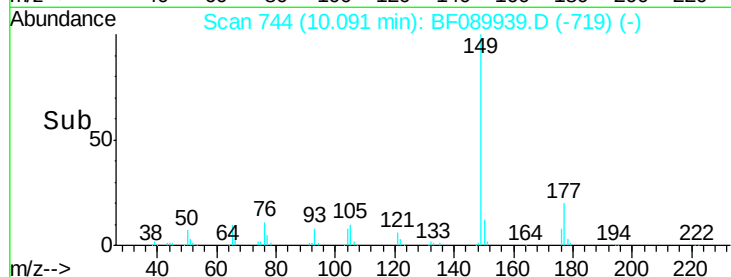
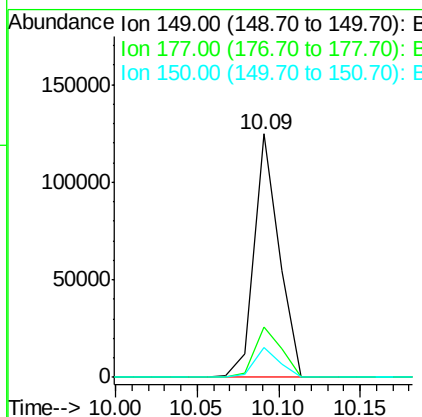
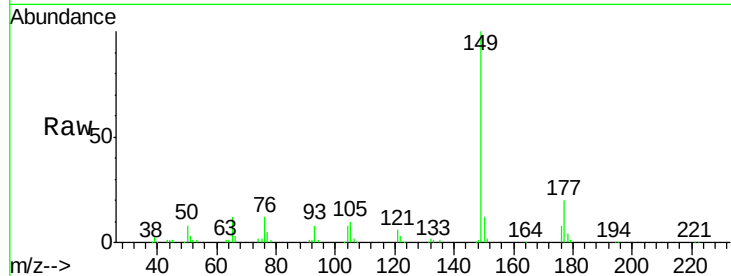




#59
Diethylphthalate
Concen: 3.67 ng
RT: 10.09 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

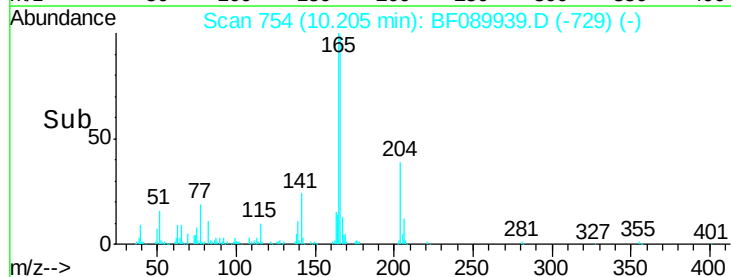
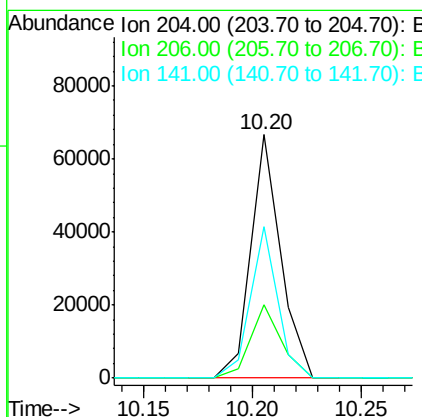
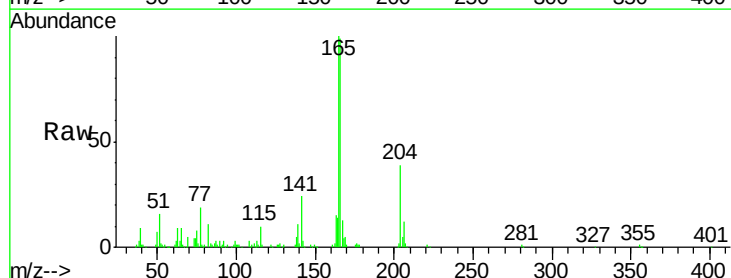
Instrument :
BNA_F
ClientSampleId :

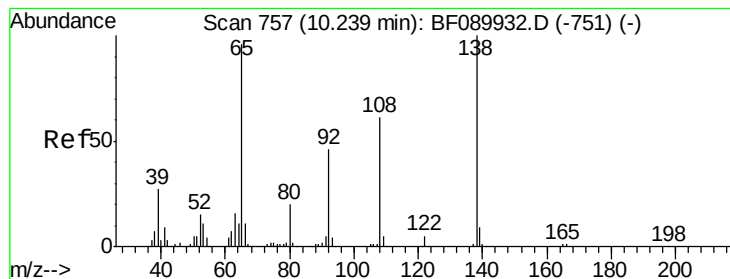
Tot Ion:149 Resp: 132078
Ion Ratio Lower Upper
149 100
177 20.4 17.7 26.5
150 12.4 10.2 15.2



#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#





#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

ClientSampled :

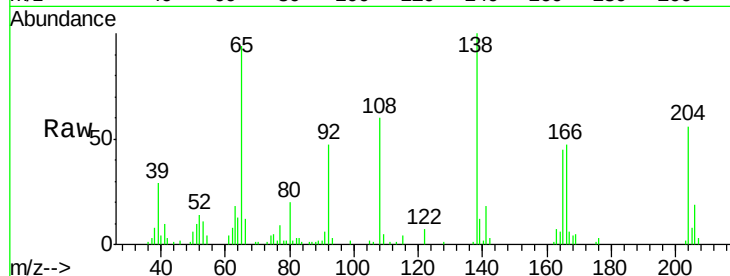
Tot Ion:138 Resp: 32193

Ion Ratio Lower Upper

138 100

92 47.0 21.2 61.2

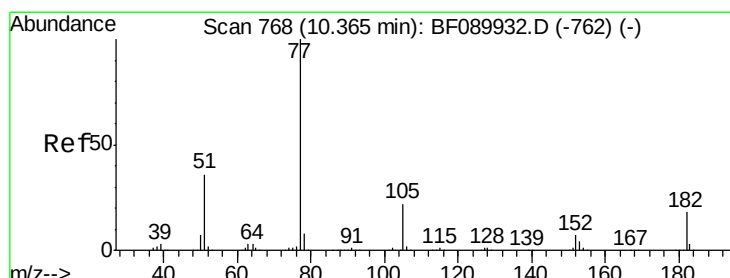
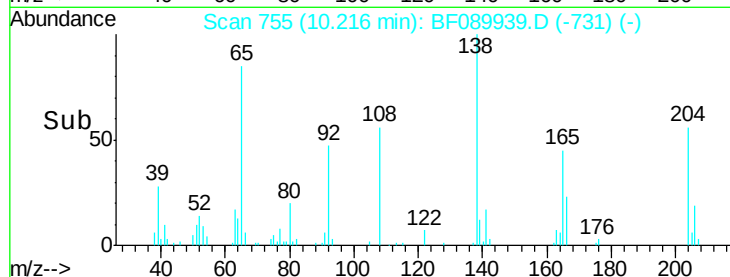
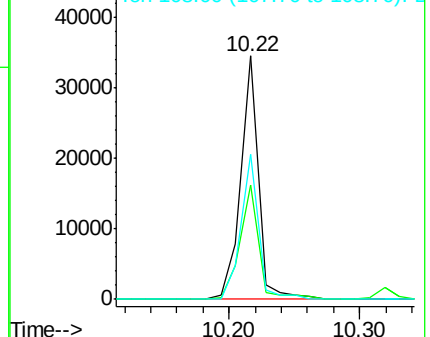
108 59.6 37.7 77.7



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

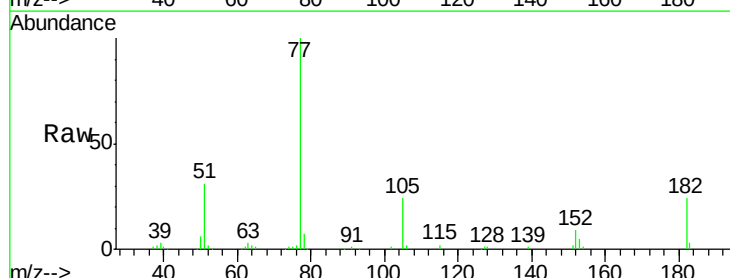
Ion Ratio Lower Upper

77 100

182 24.3 0.0 38.6

105 23.8 2.3 42.3

51 31.3 15.1 55.1

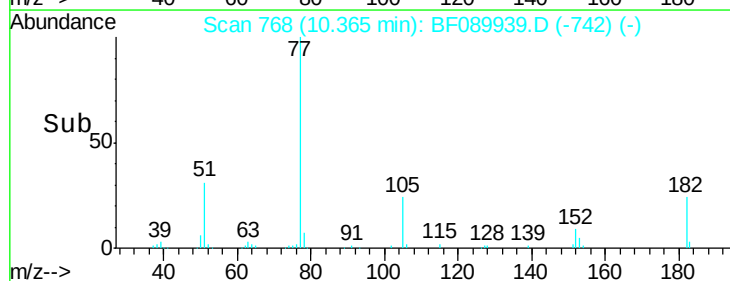
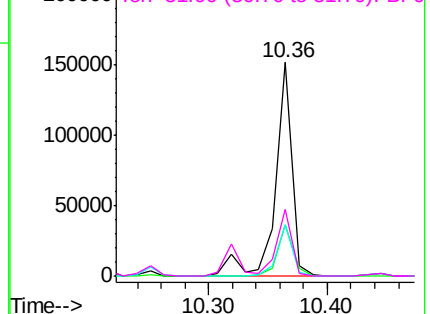


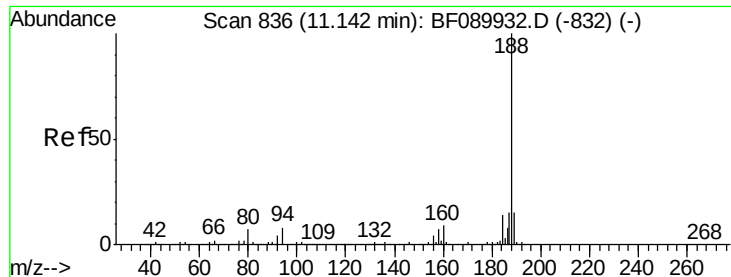
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

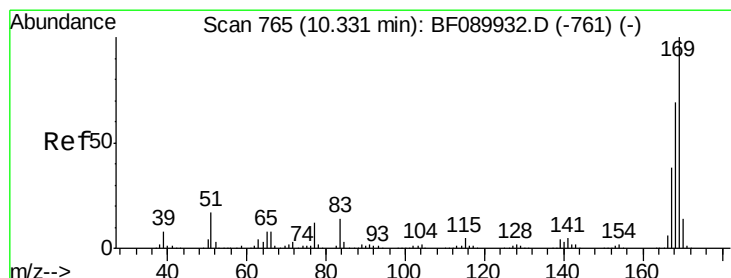
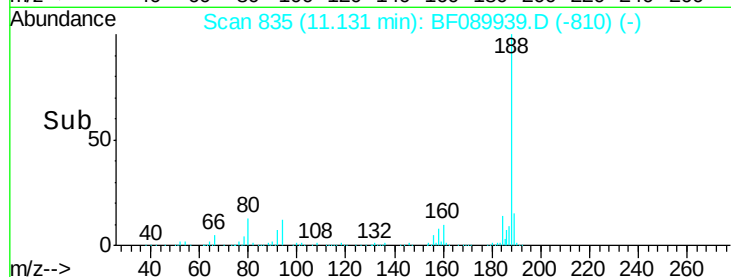
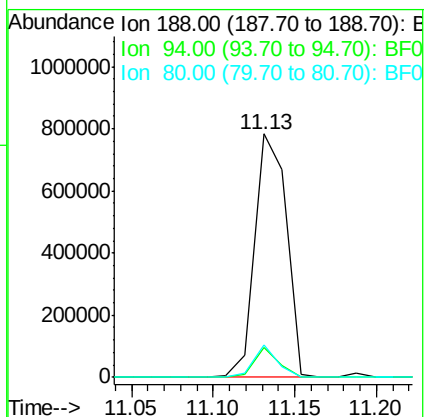
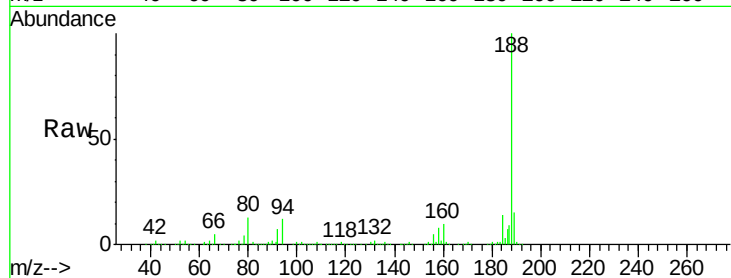




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

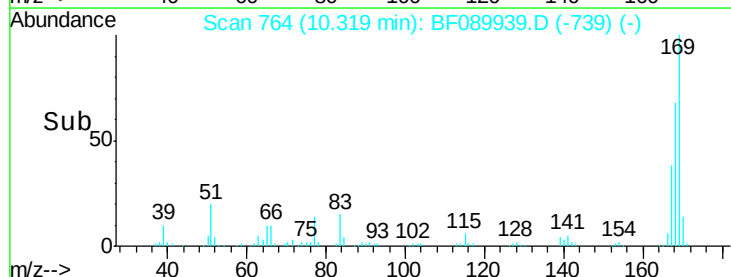
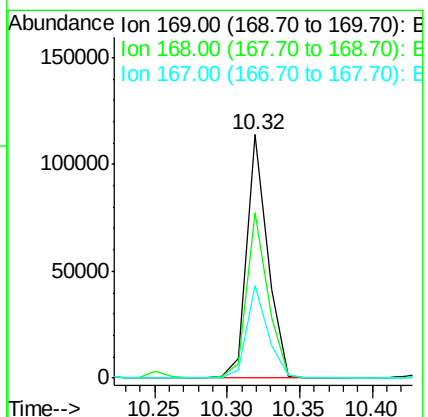
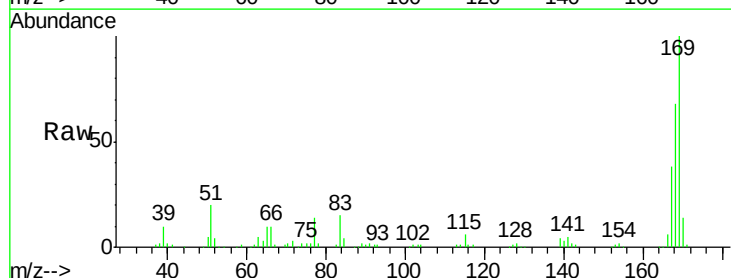
Instrument :
BNA_F
ClientSampled :

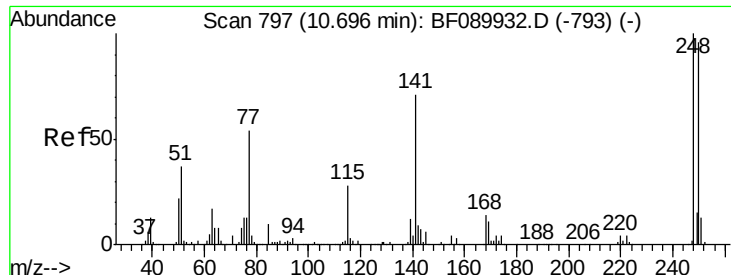
Tot Ion:188 Resp: 1056469
Ion Ratio Lower Upper
188 100
94 12.2 5.9 8.9#
80 13.3 5.8 8.8#



#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

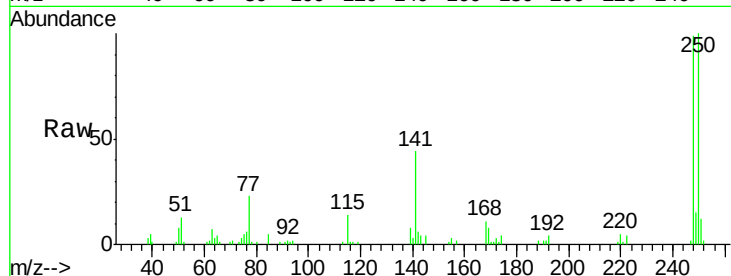




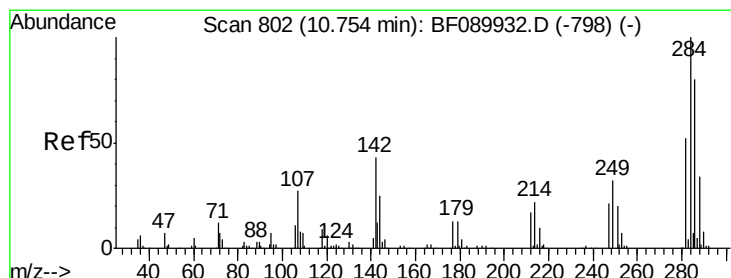
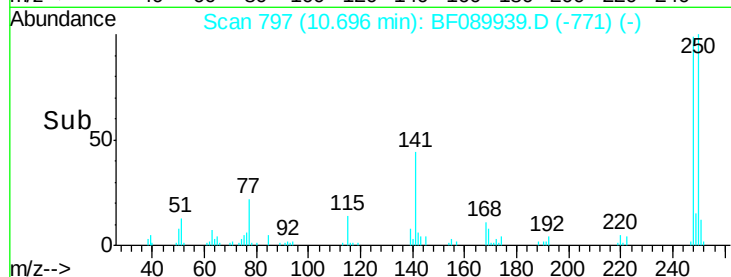
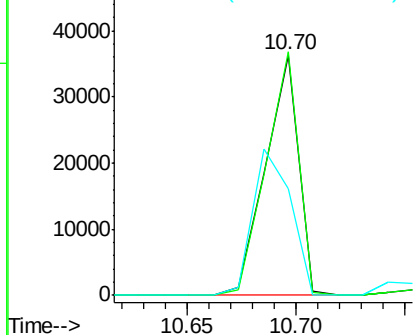
#66
 4-Bromophenyl-phenylether
 Concen: 3.65 ng
 RT: 10.70 min Scan# 797
 Delta R.T. 0.00 min
 Lab File: BF089939.D
 Acq: 31 Aug 2016 9:58

Instrument :
 BNA_F
 ClientSampled :

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#

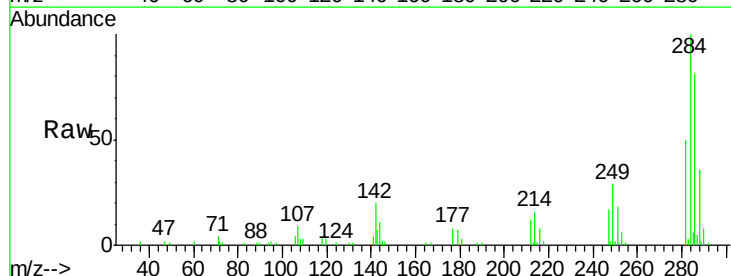


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

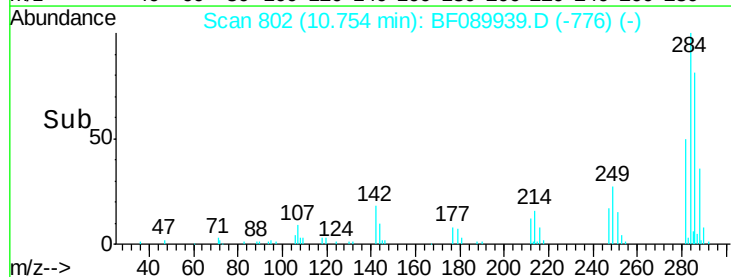
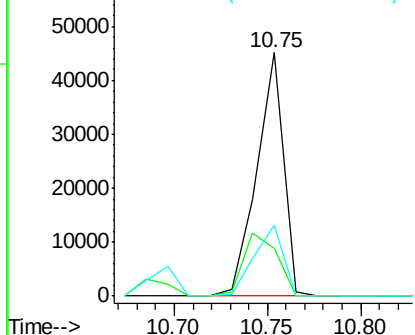


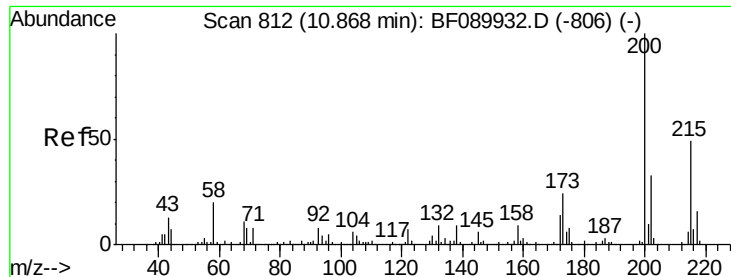
#67
 Hexachlorobenzene
 Concen: 3.68 ng
 RT: 10.75 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF089939.D
 Acq: 31 Aug 2016 9:58

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 :

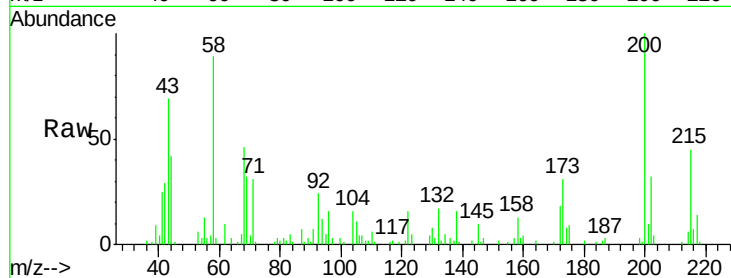
Tot Ion:200 Resp: 36917

Ion Ratio Lower Upper

200 100

173 30.8 9.4 49.4

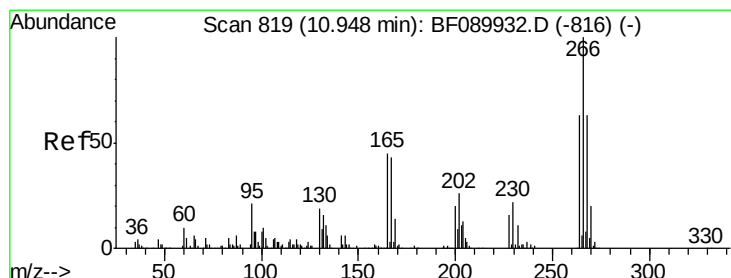
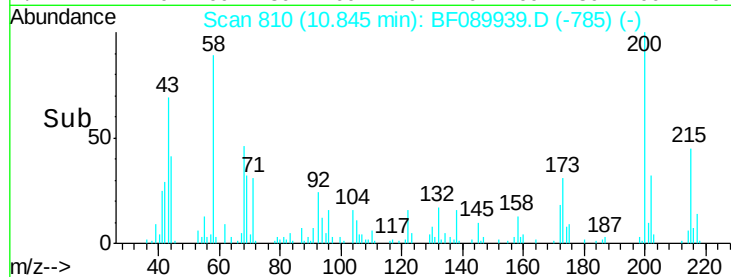
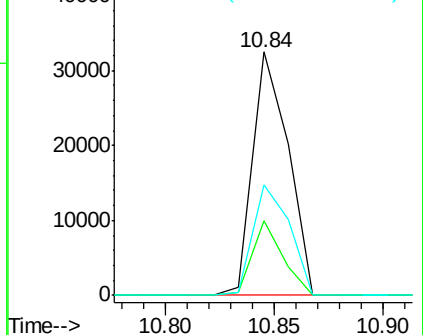
215 45.4 24.5 64.5



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

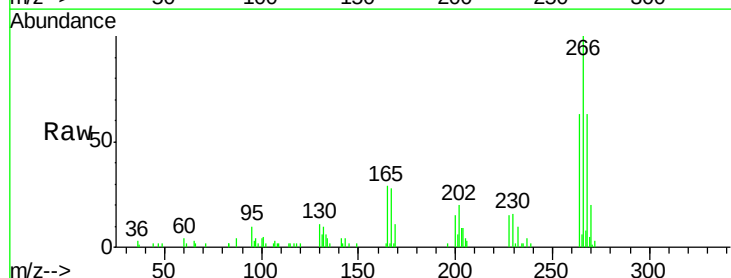
Tgt Ion:266 Resp: 29044

Ion Ratio Lower Upper

266 100

268 62.9 51.0 76.6

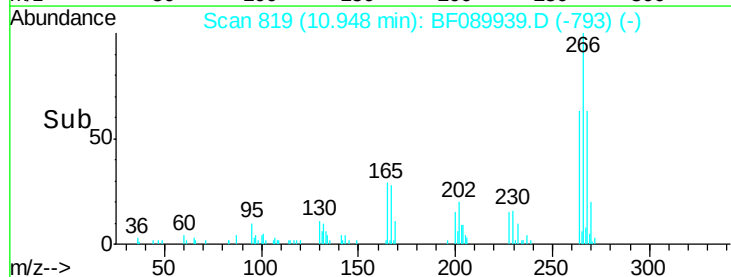
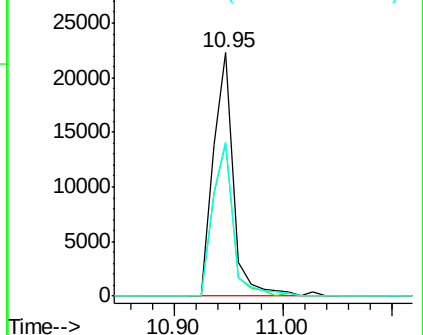
264 63.5 50.6 75.8

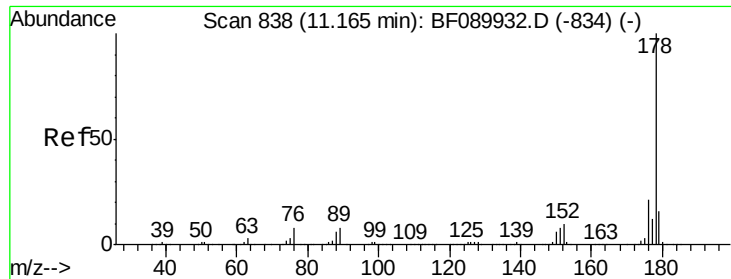


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

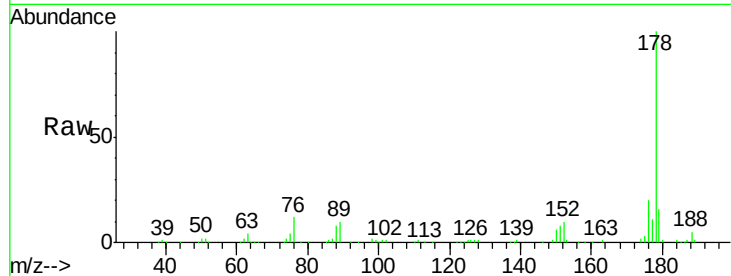




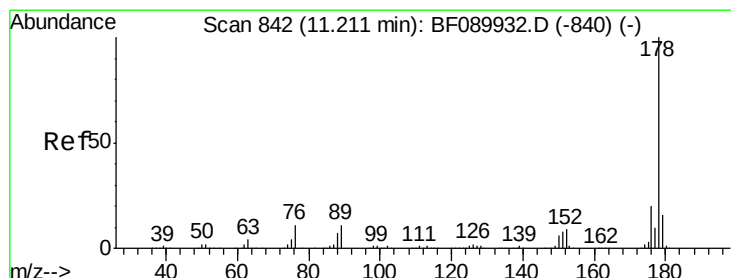
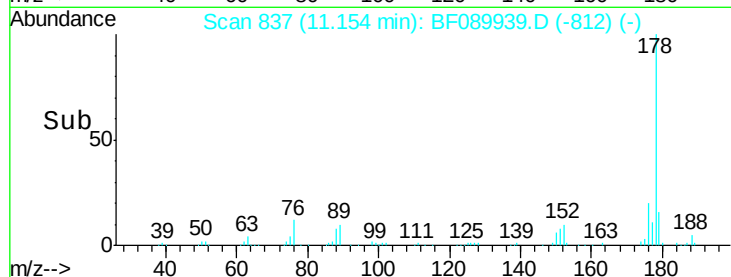
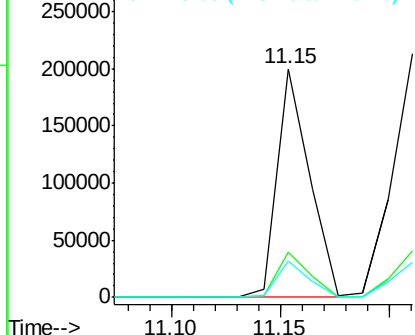
#70
Phenanthrene
Concen: 3.97 ng
RT: 11.15 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Instrument :
BNA_F
ClientSampleId :

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

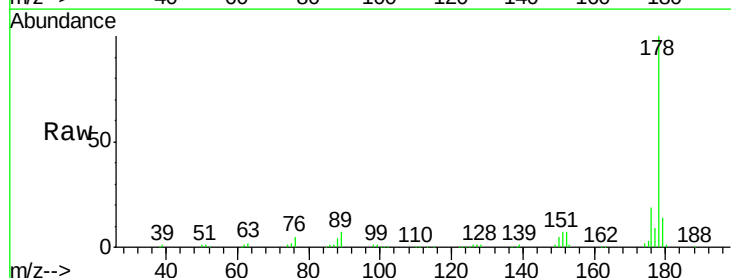


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

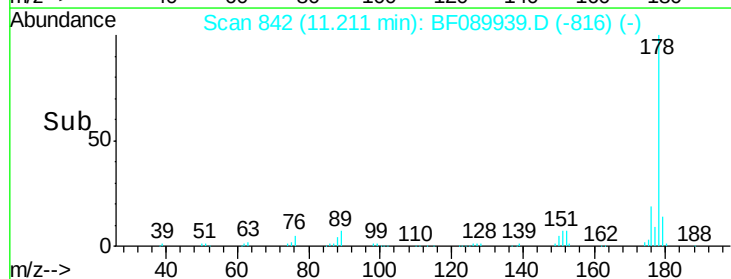
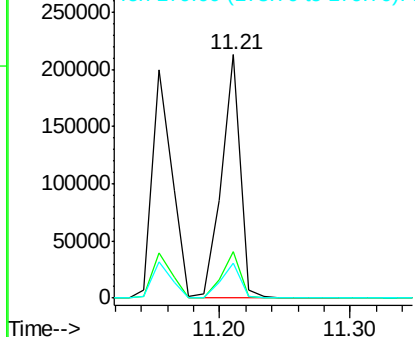


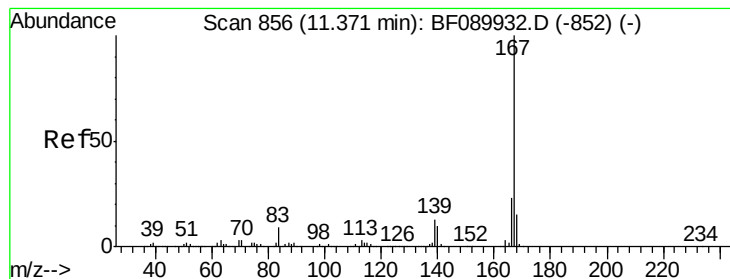
#71
Anthracene
Concen: 4.00 ng
RT: 11.21 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

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



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: 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 :

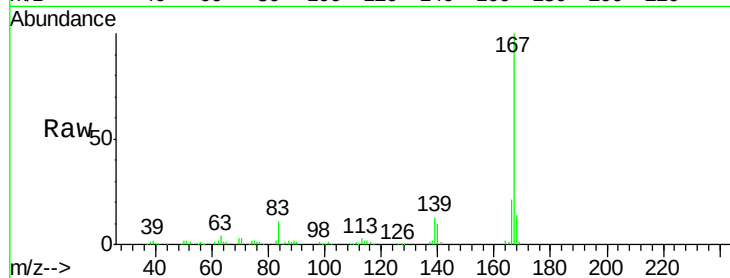
Tot Ion:167 Resp: 195380

Ion Ratio Lower Upper

167 100

166 20.9 18.1 27.1

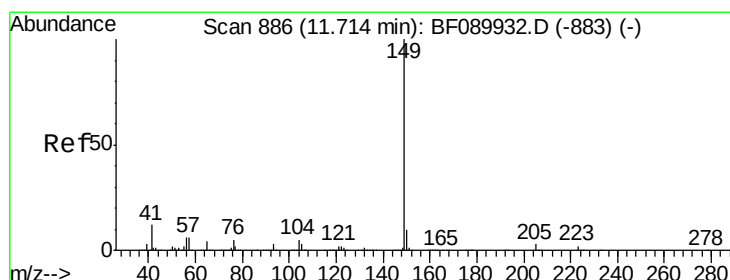
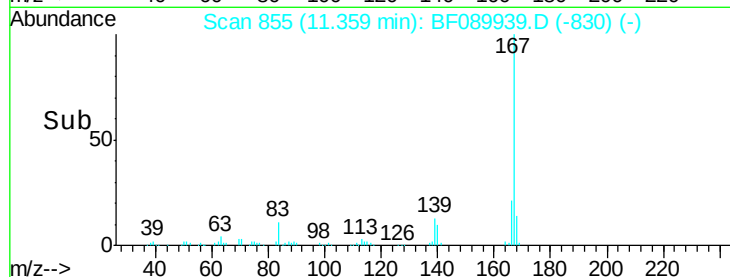
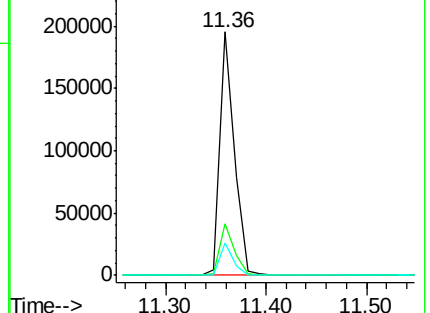
139 13.1 10.4 15.6



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

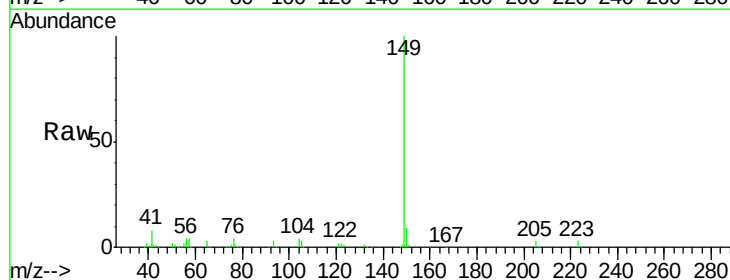
Tgt Ion:149 Resp: 233715

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.8

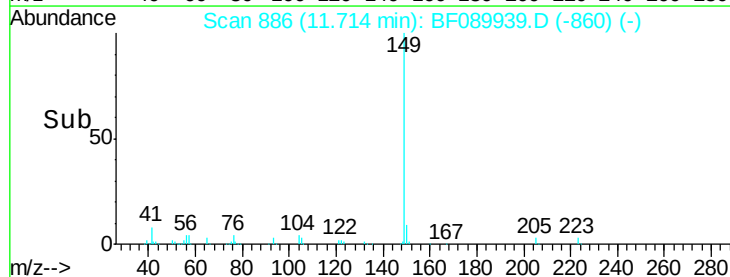
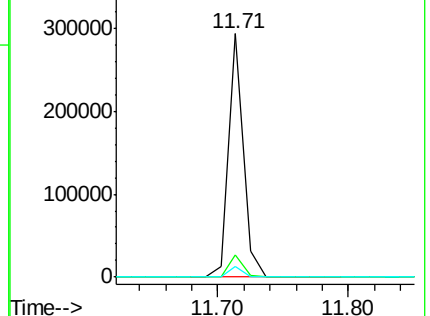
104 4.5 3.9 5.9

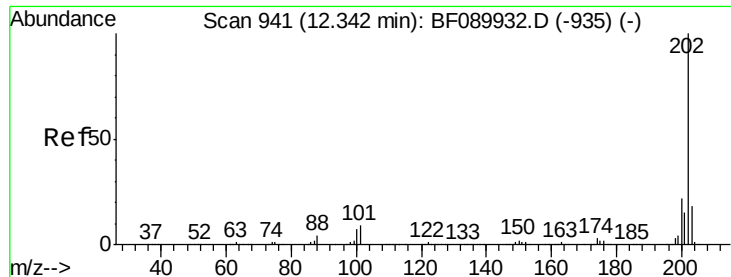


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

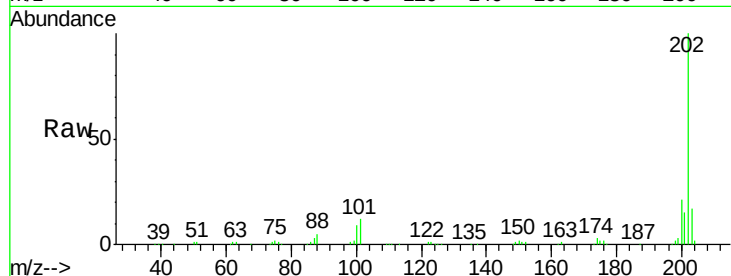




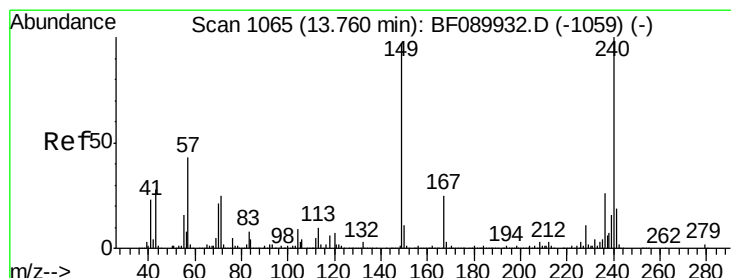
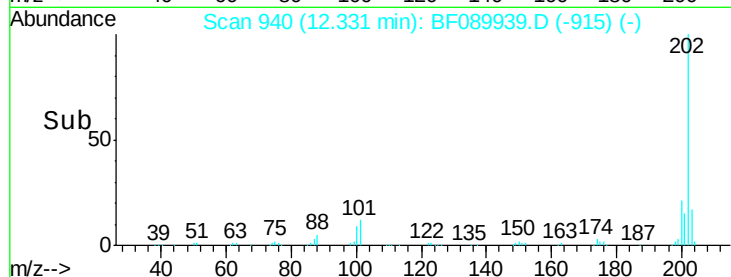
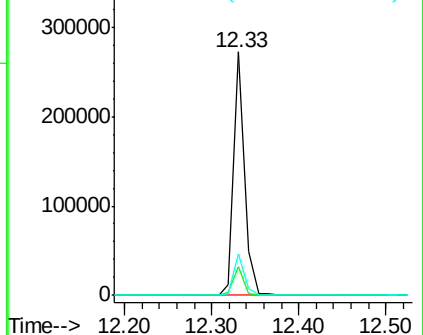
#74
 Fluoranthene
 Concen: 4.24 ng
 RT: 12.33 min Scan# 940
 Delta R.T. -0.01 min
 Lab File: BF089939.D
 Acq: 31 Aug 2016 9:58

Instrument :
 BNA_F
 ClientSampleId :

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

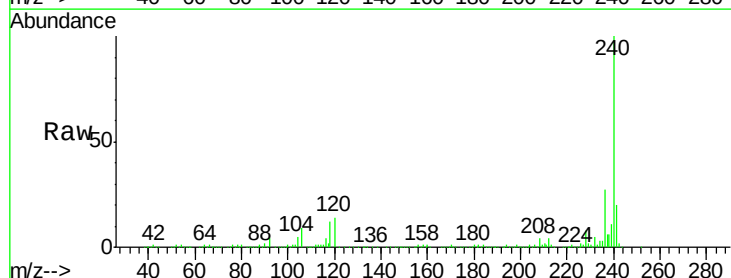


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

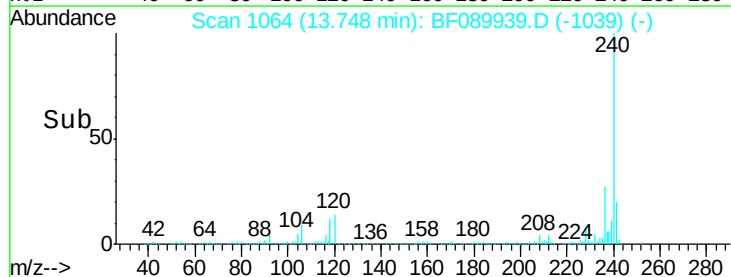
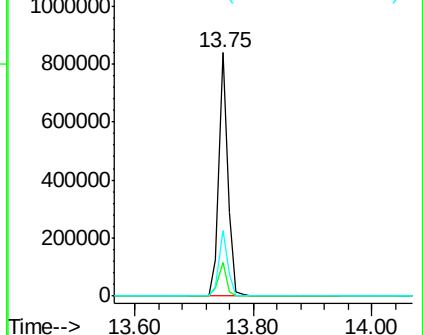


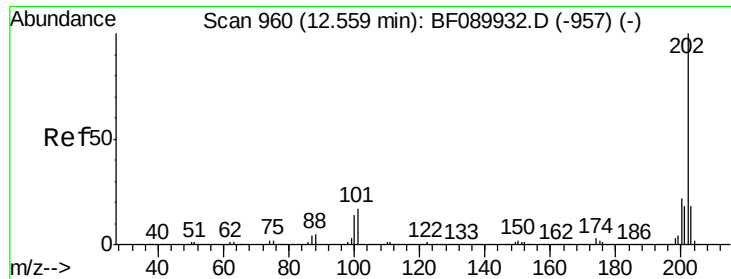
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. -0.01 min
 Lab File: BF089939.D
 Acq: 31 Aug 2016 9:58

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



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

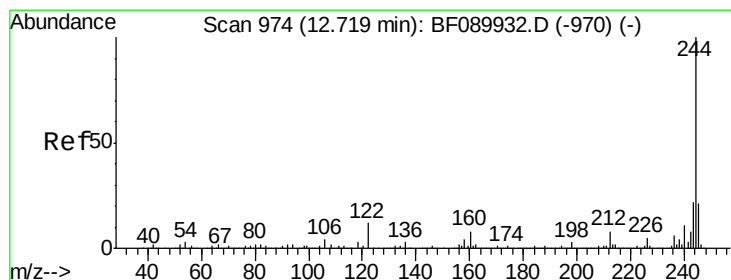
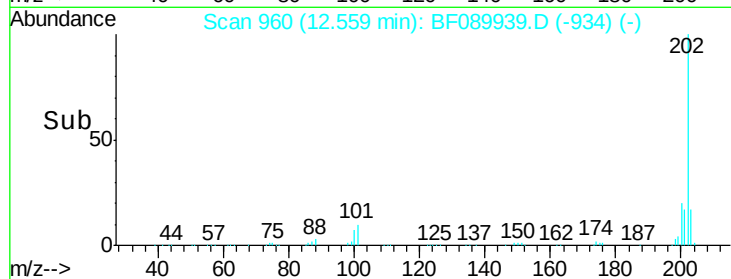
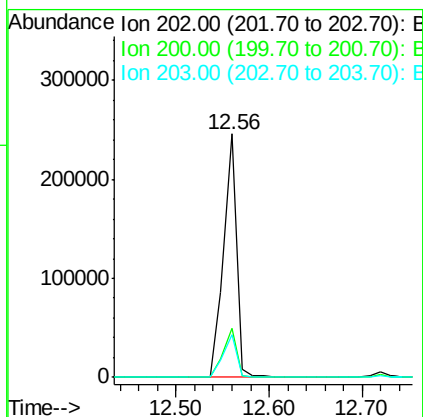
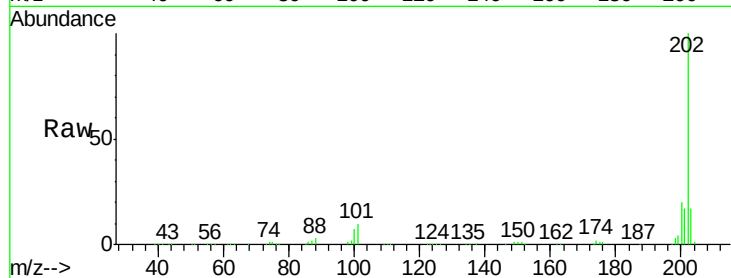




#77
 Pvrene
 Concen: 3.83 ng
 RT: 12.56 min Scan# 960
 Delta R.T. 0.00 min
 Lab File: BF089939.D
 Acq: 31 Aug 2016 9:58

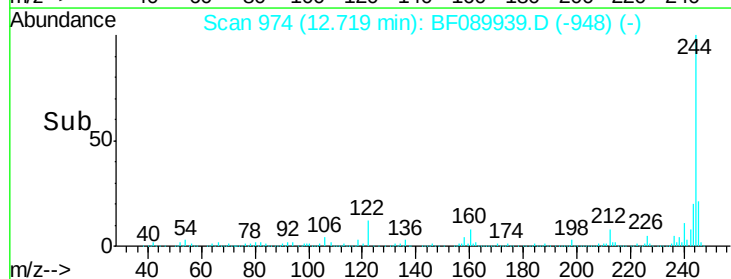
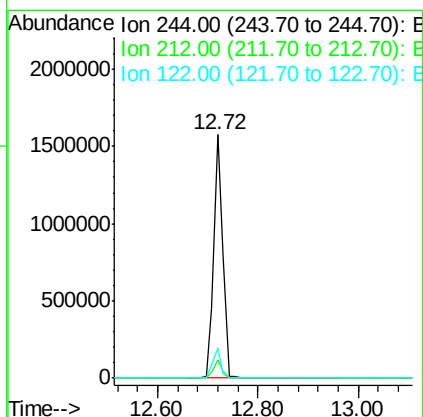
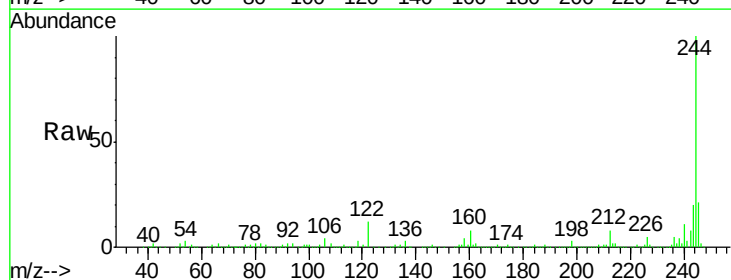
Instrument :
 BNA_F
 ClientSampleId :

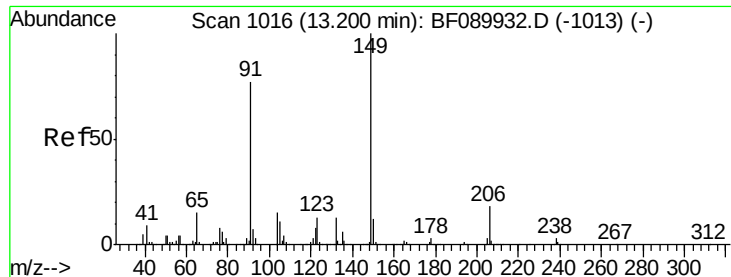
Tot Ion:202 Resp: 238623
 Ion Ratio Lower Upper
 202 100
 200 20.4 17.6 26.4
 203 17.3 14.6 21.8



#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

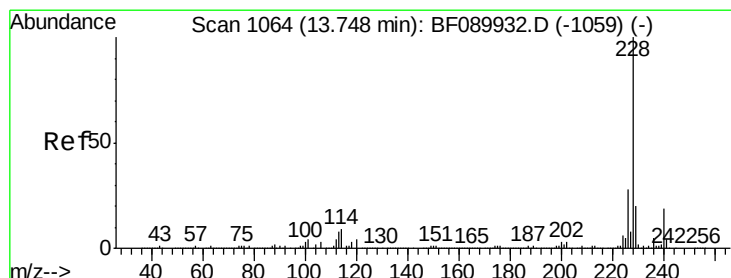
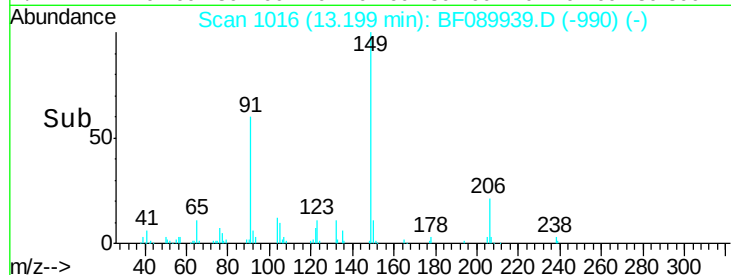
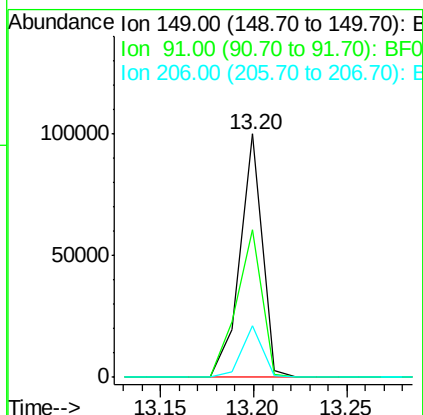
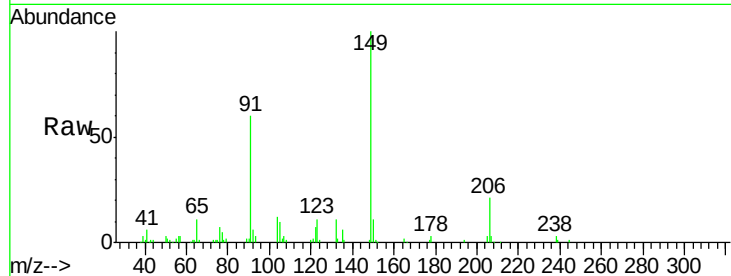




#79
Butylbenzylphthalate
Concen: 3.36 ng
RT: 13.20 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

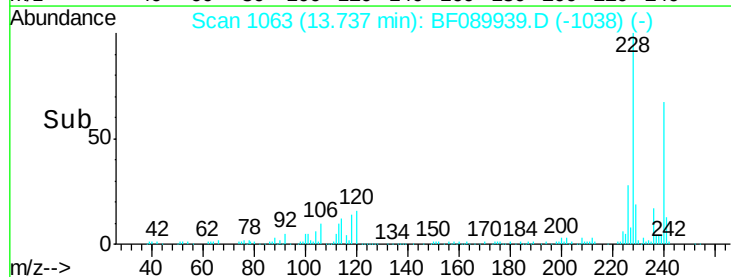
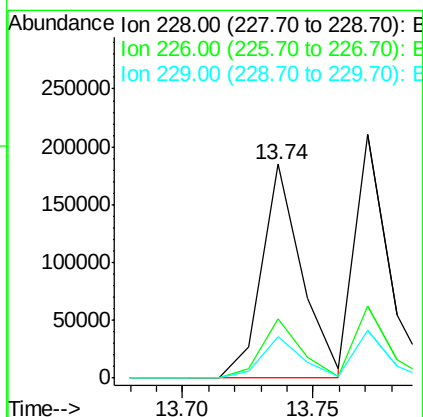
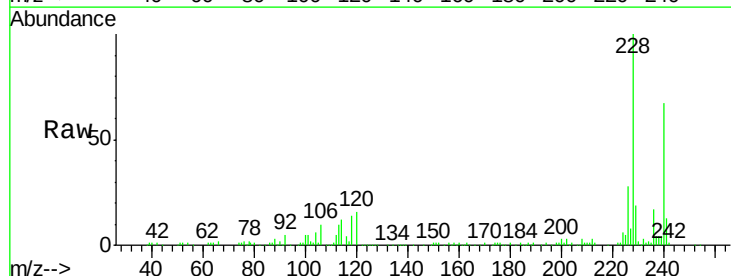
Instrument :
BNA_F
ClientSampled :

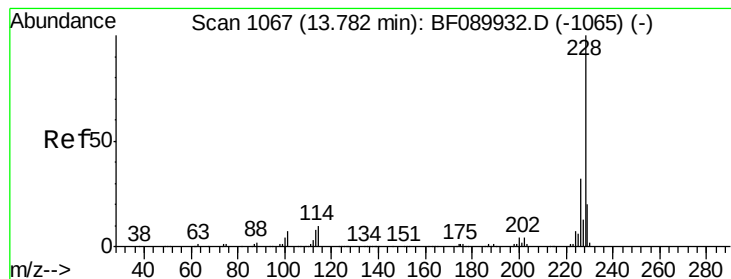
Tot Ion	Ratio	Lower	Upper
149	100		
91	60.4	60.0	90.0
206	21.0	15.1	22.7



#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





#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

ClientSampleId :

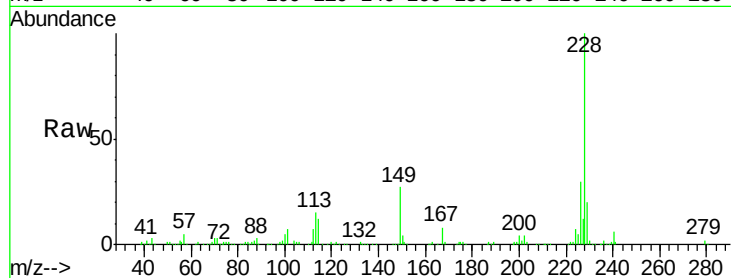
Tot Ion:228 Resp: 188897

Ion Ratio Lower Upper

228 100

226 29.8 25.2 37.8

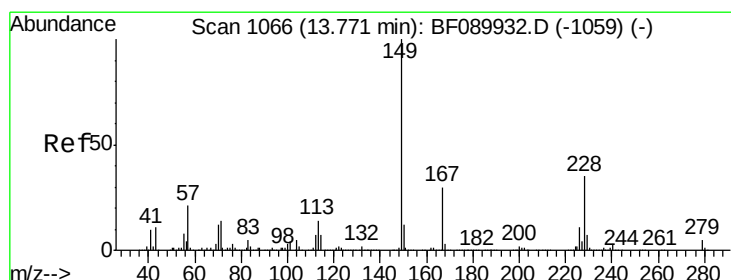
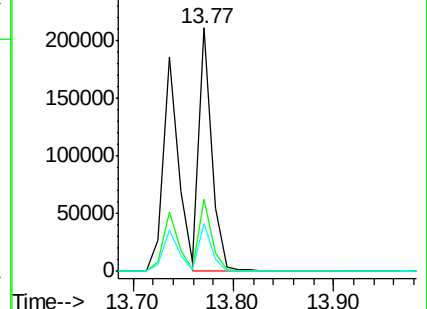
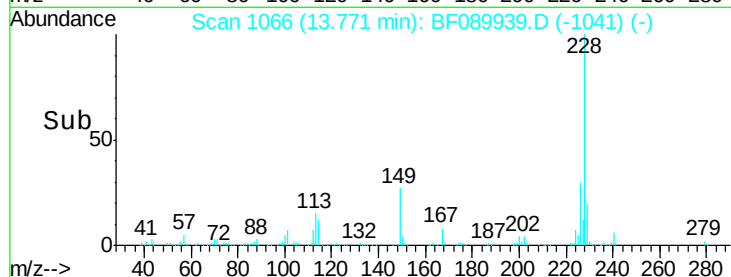
229 19.8 16.2 24.2



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

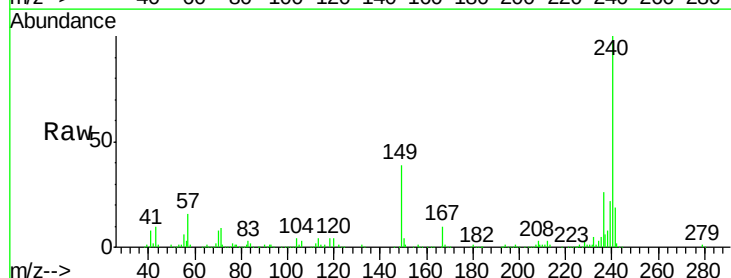
Tgt Ion:149 Resp: 118703

Ion Ratio Lower Upper

149 100

167 25.6 23.6 35.4

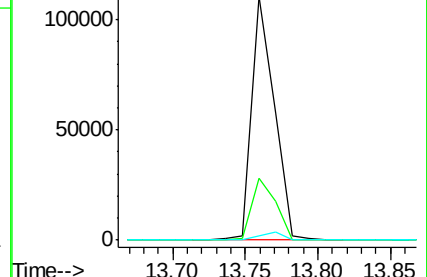
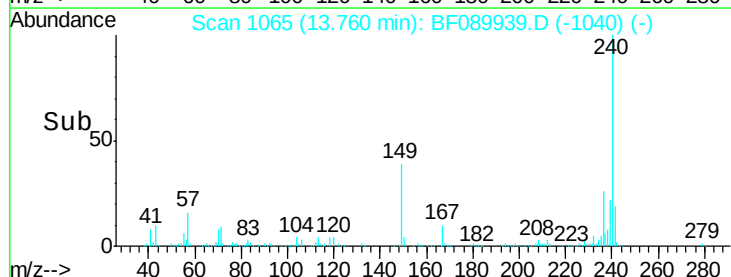
279 1.8 3.4 5.2#

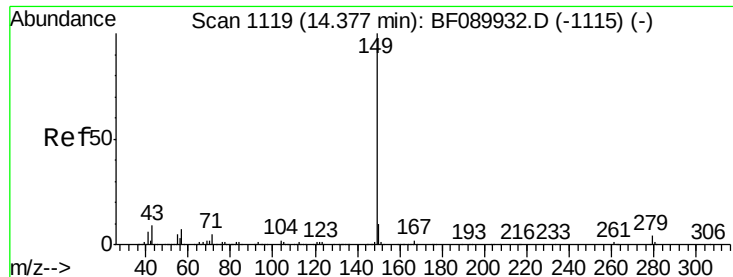


Abundance Ion 149.00 (148.70 to 149.70): E

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 :

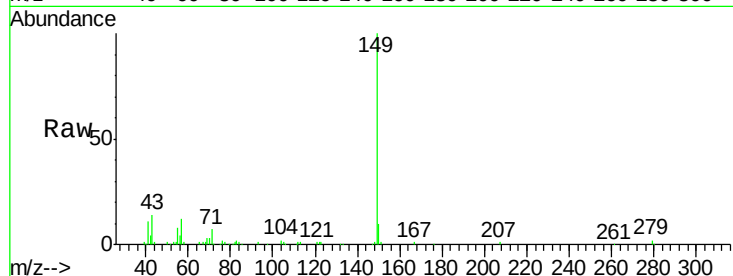
Tot Ion:149 Resp: 171341

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

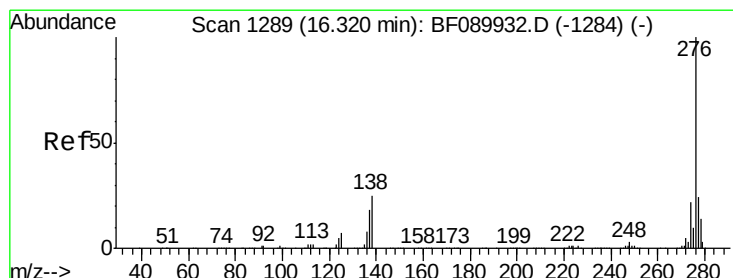
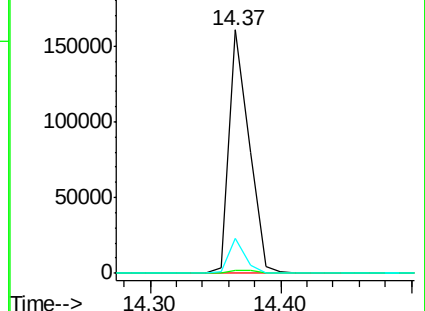
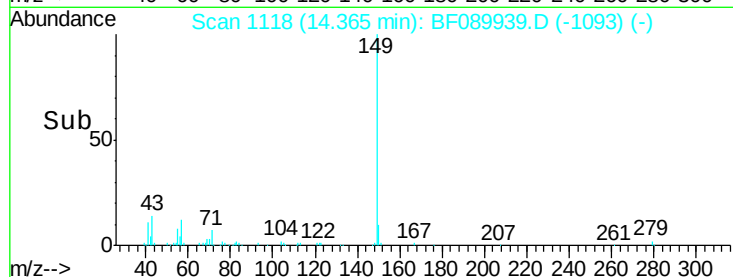
43 12.1 9.3 13.9



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

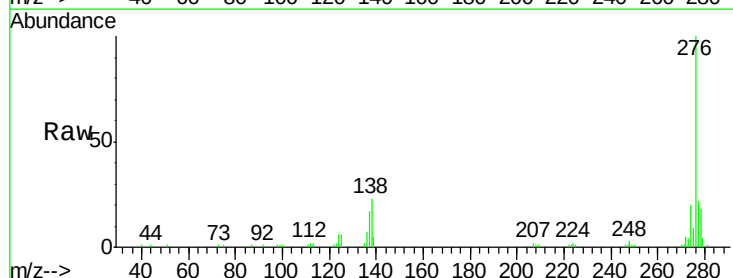
Tgt Ion:276 Resp: 116413

Ion Ratio Lower Upper

276 100

138 27.2 22.6 34.0

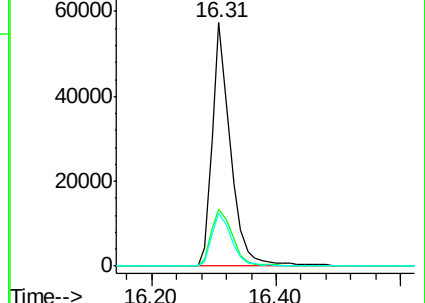
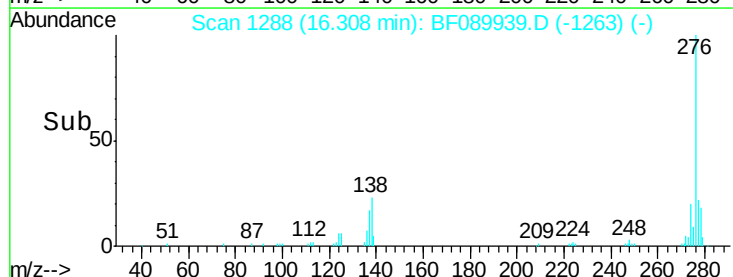
277 23.3 20.1 30.1

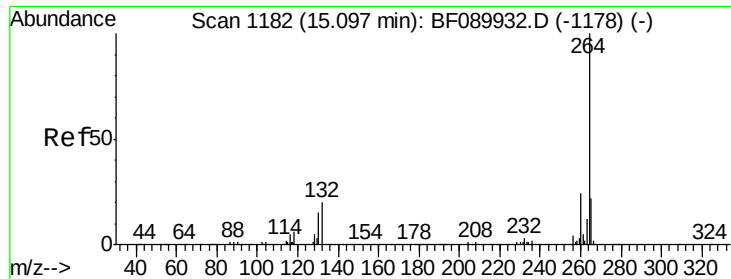


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

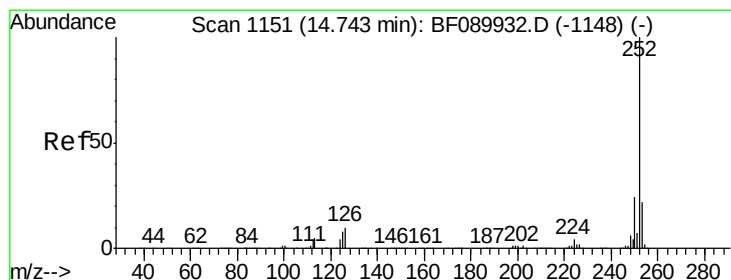
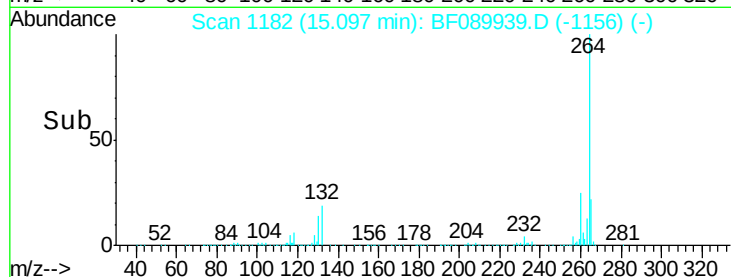
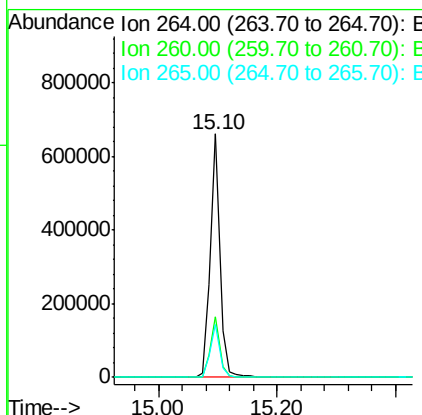
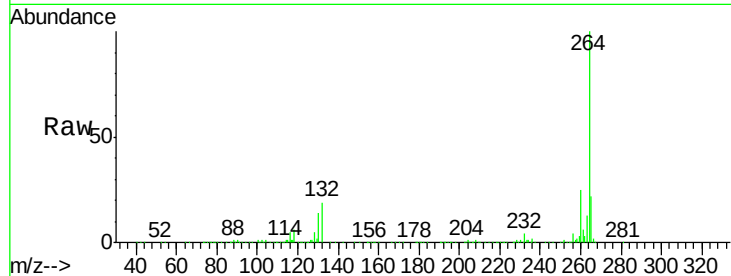




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.10 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

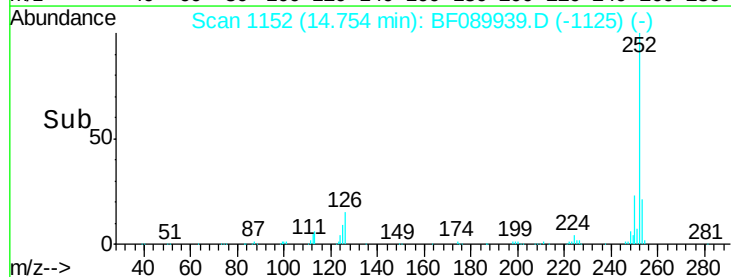
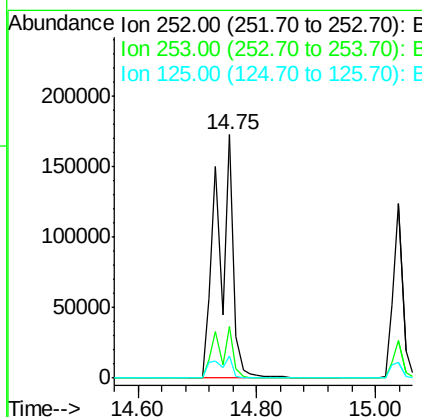
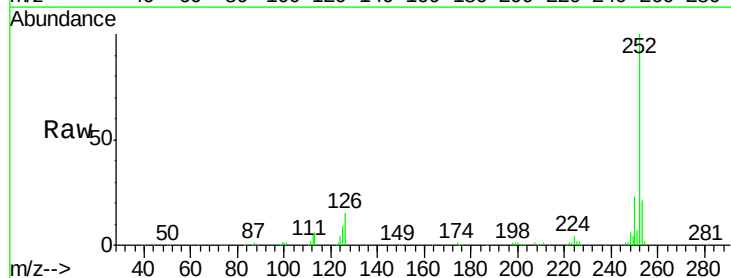
Instrument :
BNA_F
ClientSampleId :

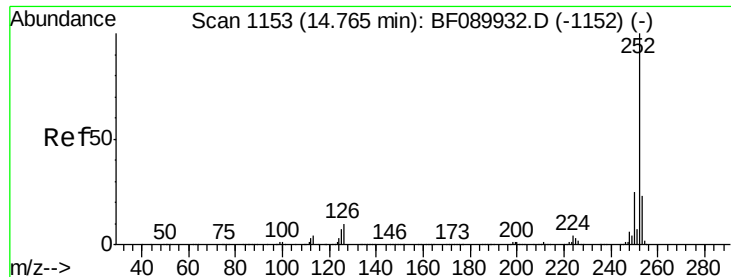
Tot Ion:264 Resp: 751373
Ion Ratio Lower Upper
264 100
260 24.6 19.4 29.0
265 21.8 17.4 26.2



#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#

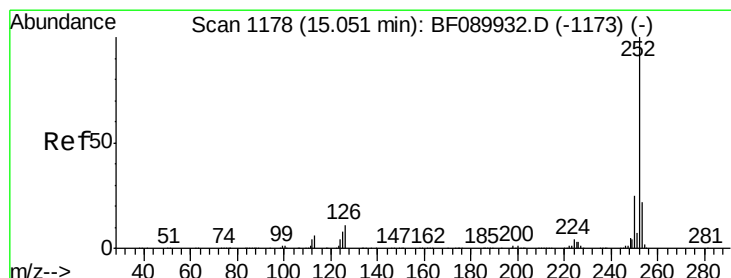
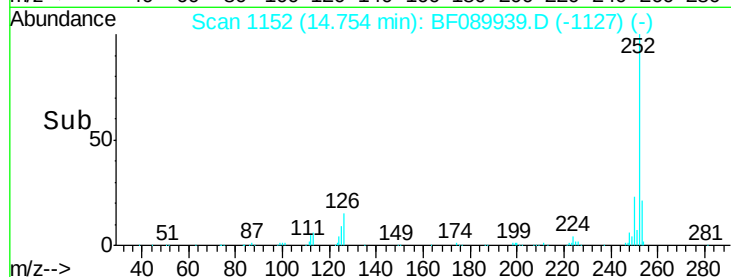
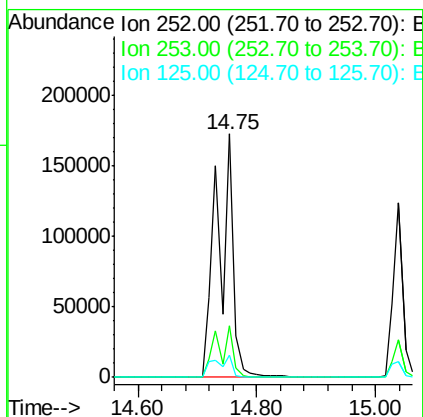
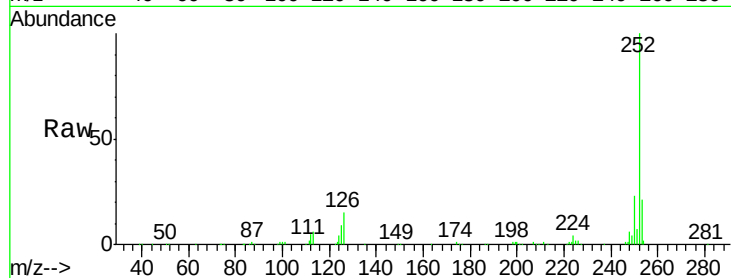




#88
Benzo(k)fluoranthene
Concen: 8.07 ng
RT: 14.75 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

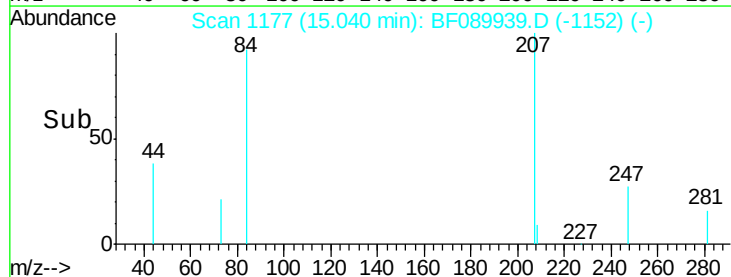
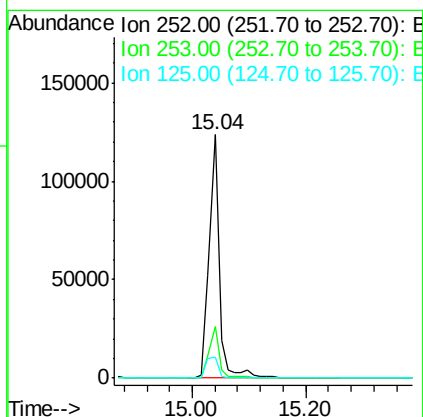
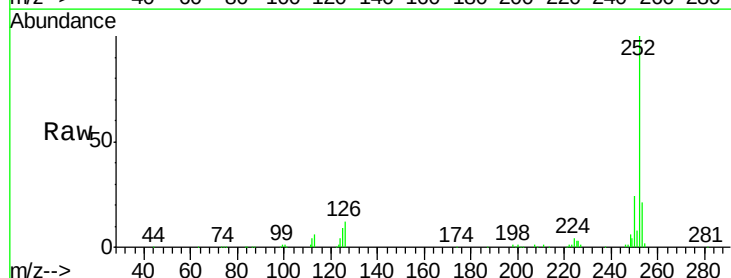
Instrument :
BNA_F
ClientSampleId :

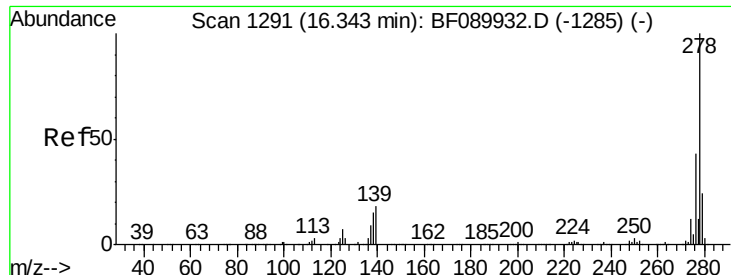
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.8	26.8
125	8.9	7.3	10.9



#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	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 :

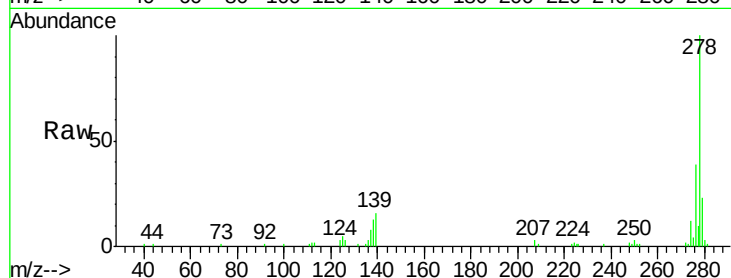
Tot Ion:278 Resp: 94694

Ion Ratio Lower Upper

278 100

139 16.3 13.4 20.2

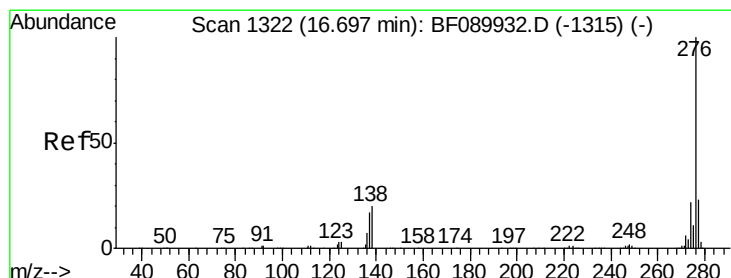
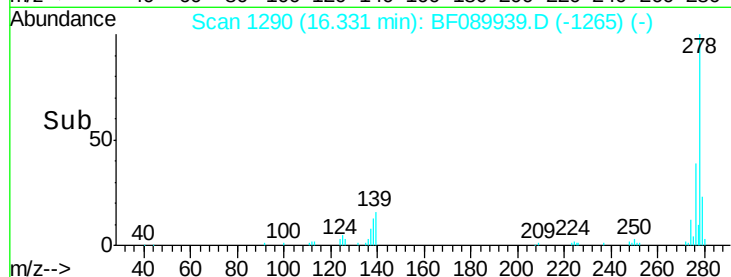
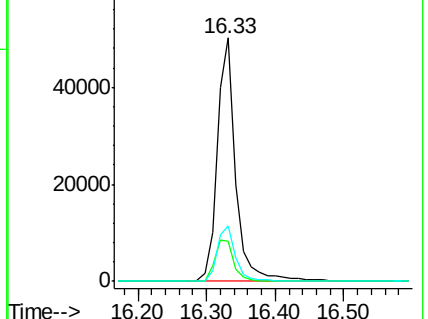
279 22.9 19.4 29.2



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: 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

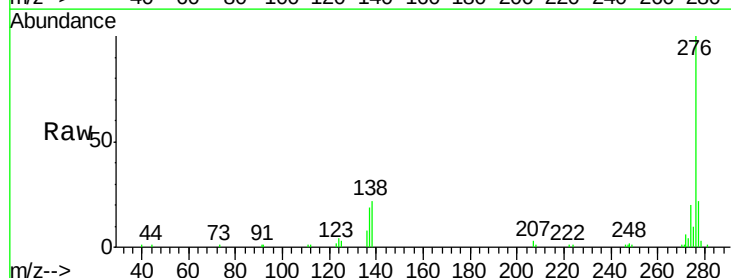
Tgt Ion:276 Resp: 97989

Ion Ratio Lower Upper

276 100

277 22.3 19.0 28.4

138 21.6 16.4 24.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

