

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083116\
 Data File : BF089943.D
 Acq On : 31 Aug 2016 11:51
 Operator : UM/SJ
 Sample : H4522-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 31 15:18:25 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	243957	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	927348	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	499384	20.00	ng	0.00
63) Phenanthrene-d10	11.14	188	980286	20.00	ng	0.00
75) Chrysene-d12	13.75	240	606382	20.00	ng	-0.01
86) Perylene-d12	15.10	264	539626	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1302064	85.43	ng	0.01
7) Phenol-d6	6.28	99	1566271	84.57	ng	0.01
23) Nitrobenzene-d5	7.21	82	1018742	63.71	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	421379	85.53	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1820646	59.85	ng	0.00
78) Terphenyl-d14	12.72	244	1476331	60.14	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.15	88	174137	24.11	ng	99
3) Pyridine	2.78	79	396588	20.58	ng	97
4) n-Nitrosodimethylamine	2.73	42	285504	30.05	ng	97
6) Aniline	6.30	93	537517	21.27	ng	# 64
8) 2-Chlorophenol	6.42	128	486249	29.41	ng	100
9) Benzaldehyde	6.17	77	103028	8.62	ng	89
10) Phenol	6.30	94	697781	32.40	ng	82
11) bis(2-Chloroethyl)ether	6.38	93	425881	26.13	ng	99
12) 1,3-Dichlorobenzene	6.81	146	512268	27.74	ng	97
13) 1,4-Dichlorobenzene	6.65	146	500962	26.51	ng	100
14) 1,2-Dichlorobenzene	6.81	146	512299	30.24	ng	97
15) Benzyl Alcohol	6.79	79	378742	32.65	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.94	45	918012	29.54	ng	97
17) 2-Methylphenol	6.90	107	397585	30.11	ng	99
18) Hexachloroethane	7.15	117	187195	28.92	ng	93
19) n-Nitroso-di-n-propylamine	7.06	70	325401	26.96	ng	90
20) 3+4-Methylphenols	7.06	107	461902	28.86	ng	# 82
22) Acetophenone	7.05	105	553725	26.62	ng	# 95
24) Nitrobenzene	7.22	77	480511	28.27	ng	94
25) Isophorone	7.47	82	970055	29.83	ng	96
26) 2-Nitrophenol	7.54	139	268394	33.03	ng	94
27) 2,4-Dimethylphenol	7.59	122	438448	29.17	ng	100
28) bis(2-Chloroethoxy)methane	7.69	93	648281	33.06	ng	99
29) 2,4-Dichlorophenol	7.78	162	407577	30.25	ng	98
30) 1,2,4-Trichlorobenzene	7.86	180	447556	30.38	ng	95
31) Naphthalene	7.94	128	1287483	27.87	ng	99
32) Benzoic acid	7.67	122	27778	2.74	ng	93
33) 4-Chloroaniline	8.00	127	412394	22.12	ng	# 93
34) Hexachlorobutadiene	8.07	225	248008	28.73	ng	99
35) Caprolactam	8.40	113	34444	8.10	ng	91
36) 4-Chloro-3-methylphenol	8.48	107	417653	29.26	ng	# 80
37) 2-Methylnaphthalene	8.63	142	943868	30.92	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	362231	24.76	ng	98
40) Hexachlorocyclopentadiene	8.79	237	427600	57.00	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	344089	33.94	nq	99
43) 2,4,5-Trichlorophenol	8.95	196	278928	28.61	nq	98
45) 1,1'-Biphenyl	9.10	154	981051	24.40	nq	99
46) 2-Chloronaphthalene	9.12	162	919844	32.34	nq	96
47) 2-Nitroaniline	9.21	65	257416	27.68	nq	97
48) Acenaphthylene	9.53	152	1392008	29.60	nq	99
49) Dimethylphthalate	9.40	163	1432058	39.68	nq	100
50) 2,6-Dinitrotoluene	9.46	165	239826	29.87	nq	99
51) Acenaphthene	9.70	154	899640	30.19	nq	99
52) 3-Nitroaniline	9.62	138	201898	22.05	nq	94
53) 2,4-Dinitrophenol	9.72	184	79631	24.46	nq	90
54) Dibenzofuran	9.87	168	1303430	32.64	nq	98
55) 4-Nitrophenol	9.79	139	380362	55.08	nq	# 68
56) 2,4-Dinitrotoluene	9.86	165	344306	33.82	nq	99
57) Fluorene	10.22	166	946824	32.45	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.99	232	252600	30.26	nq	100
59) Diethylphthalate	10.10	149	972868	28.65	nq	100
60) 4-Chlorophenyl-phenylether	10.22	204	416659	30.35	nq	96
61) 4-Nitroaniline	10.23	138	240173	26.70	nq	84
62) Azobenzene	10.36	77	1048321	30.91	nq	99
64) 4,6-Dinitro-2-methylphenol	10.26	198	120862	19.26	nq	80
65) n-Nitrosodiphenylamine	10.33	169	874835	29.68	nq	99
66) 4-Bromophenyl-phenylether	10.70	248	305084	30.91	nq	96
67) Hexachlorobenzene	10.75	284	300011	26.61	nq	94
68) Atrazine	10.86	200	260431	26.47	nq	99
69) Pentachlorophenol	10.95	266	279617	46.11	nq	98
70) Phenanthrene	11.17	178	1480343	30.32	nq	100
71) Anthracene	11.21	178	1327354	26.81	nq	100
72) Carbazole	11.37	167	1387651	29.89	nq	100
73) Di-n-butylphthalate	11.71	149	1548006	28.61	nq	99
74) Fluoranthene	12.34	202	1507269	29.46	nq	99
76) Benzidine	12.47	184	380737	16.57	nq	96
77) Pyrene	12.56	202	1340201	31.35	nq	99
79) Butylbenzylphthalate	13.20	149	574570	33.32	nq	97
80) Benzo(a)anthracene	13.74	228	1106123	29.78	nq	99
81) 3,3'-Dichlorobenzidine	13.71	252	279318	20.84	nq	# 97
82) Chrysene	13.78	228	1062041	30.61	nq	98
83) Bis(2-ethylhexyl)phthalate	13.76	149	752414	31.55	nq	# 93
84) Di-n-octyl phthalate	14.37	149	1163306	30.22	nq	100
85) Indeno(1,2,3-cd)pyrene	16.32	276	1006125	39.23	nq	99
87) Benzo(b)fluoranthene	14.77	252	1791916	53.01	nq	99
88) Benzo(k)fluoranthene	14.77	252	1791916	62.47	nq	# 98
89) Benzo(a)pyrene	15.04	252	859592	29.68	nq	# 95
90) Dibenzo(a,h)anthracene	16.34	278	845487	39.84	nq	99
91) Benzo(g,h,i)perylene	16.70	276	875391	40.98	nq	99

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

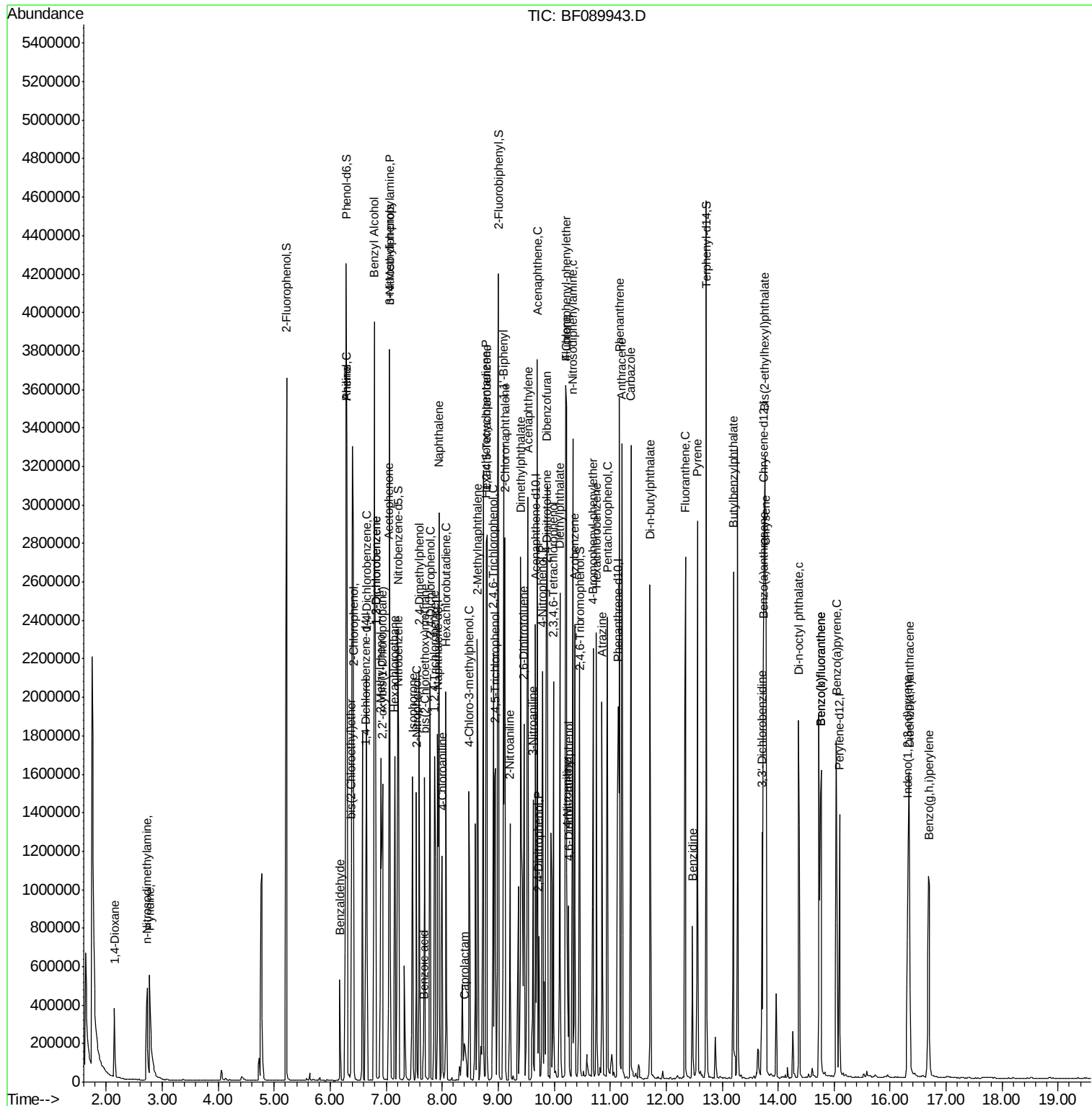
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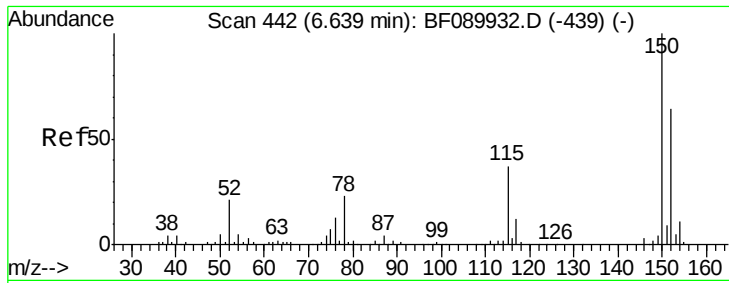
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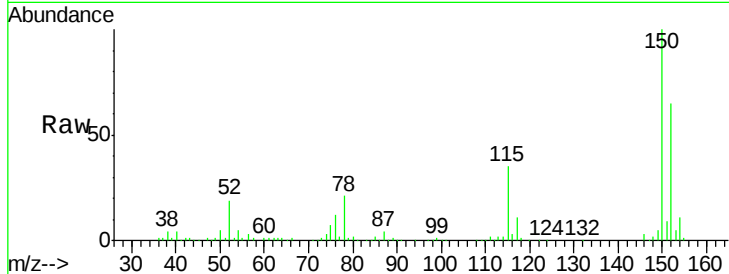


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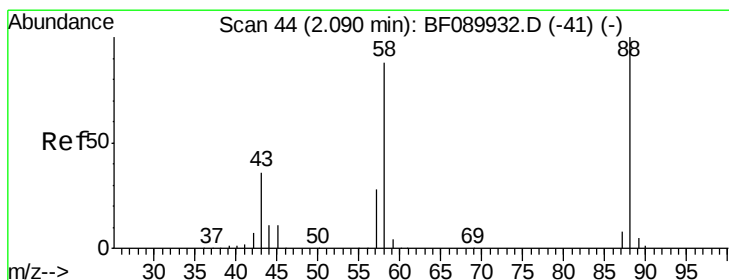
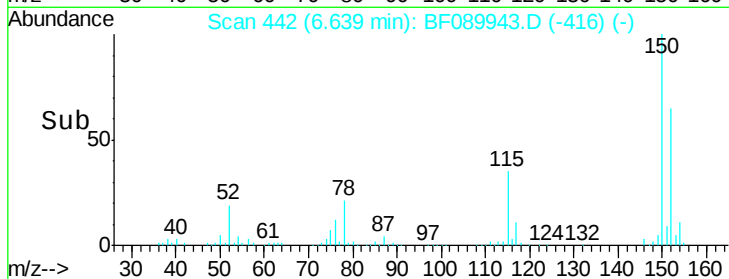
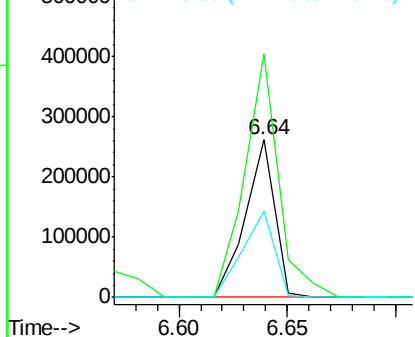
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF089943.D
Acq: 31 Aug 2016 11:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 243957
Ion Ratio Lower Upper
152 100
150 154.8 127.4 191.2
115 54.9 46.3 69.5



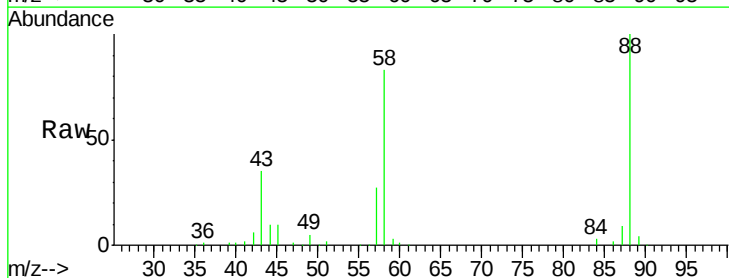
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



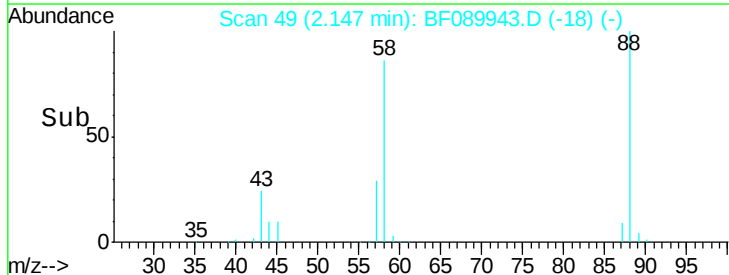
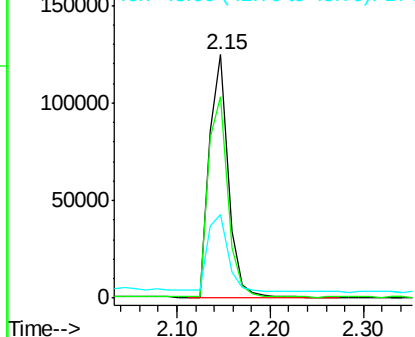
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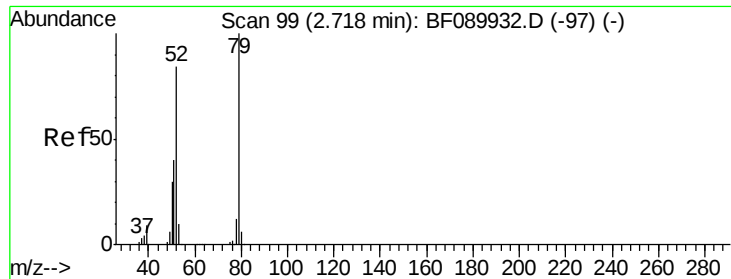
1,4-Dioxane
Concen: 24.11 ng
RT: 2.15 min Scan# 49
Delta R.T. 0.06 min
Lab File: BF089943.D
Acq: 31 Aug 2016 11:51

Tgt Ion: 88 Resp: 174137
Ion Ratio Lower Upper
88 100
58 85.9 68.8 103.2
43 34.6 27.0 40.6



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0

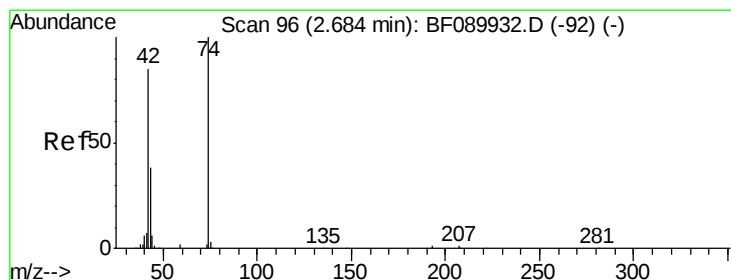
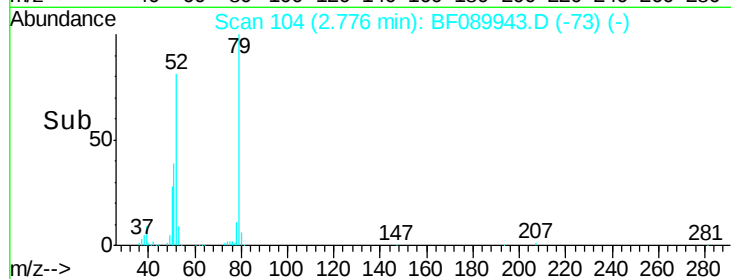
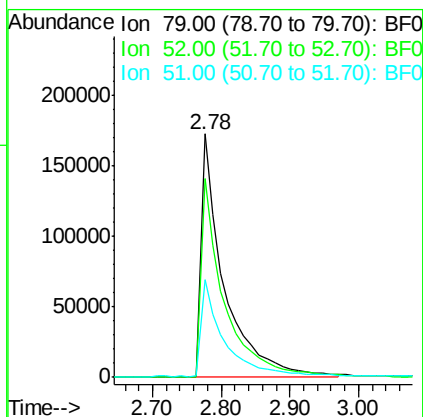
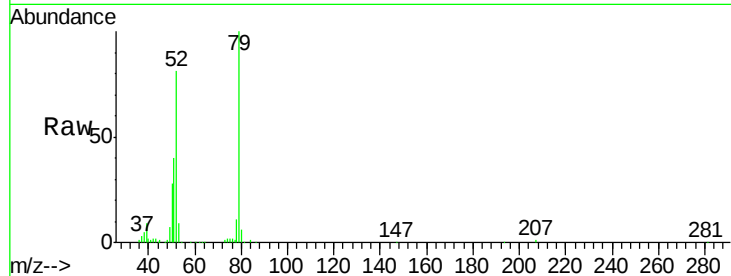




#3
 Pvridine
 Concen: 20.58 ng
 RT: 2.78 min Scan# 104
 Delta R.T. 0.06 min
 Lab File: BF089943.D
 Acq: 31 Aug 2016 11:51

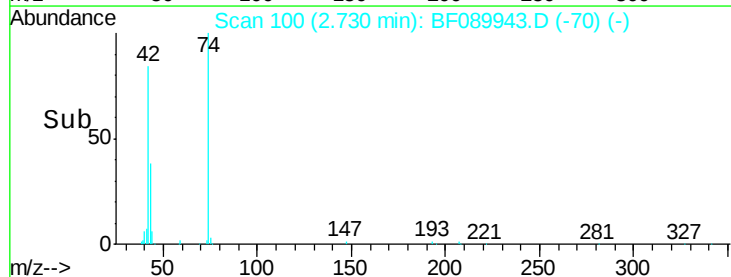
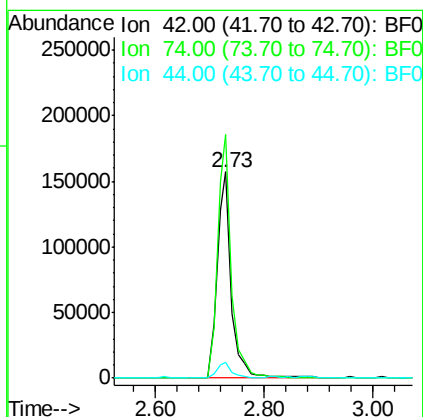
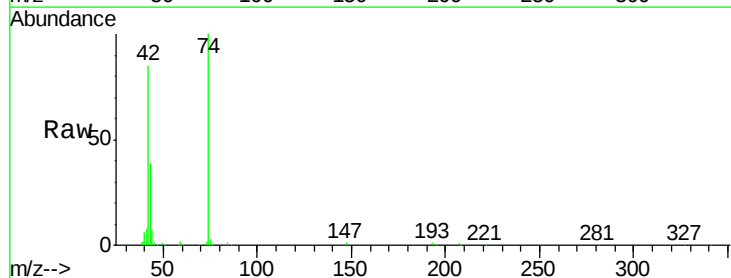
Instrument :
 BNA_F
 ClientSampleId :

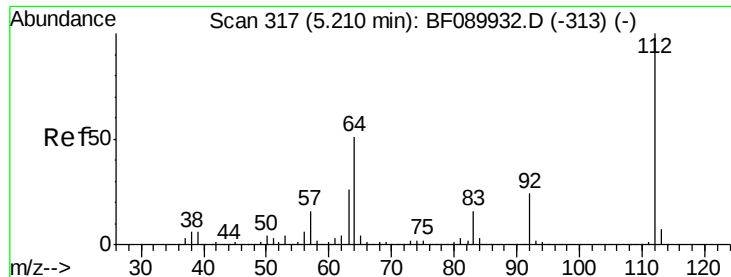
Tot Ion: 79 Resp: 396588
 Ion Ratio Lower Upper
 79 100
 52 81.5 67.8 101.6
 51 40.0 32.9 49.3



#4
 n-Nitrosodimethylamine
 Concen: 30.05 ng
 RT: 2.73 min Scan# 100
 Delta R.T. 0.05 min
 Lab File: BF089943.D
 Acq: 31 Aug 2016 11:51

Tgt Ion: 42 Resp: 285504
 Ion Ratio Lower Upper
 42 100
 74 118.2 92.0 138.0
 44 7.7 5.8 8.8





#5

2-Fluorophenol

Concen: 85.43 ng

RT: 5.22 min Scan# 318

Delta R.T. 0.01 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

Instrument :

BNA_F

ClientSampled :

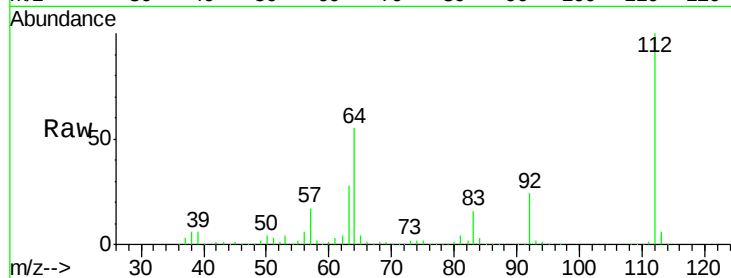
Tot Ion:112 Resp: 1302064

Ion Ratio Lower Upper

112 100

64 55.2 41.1 61.7

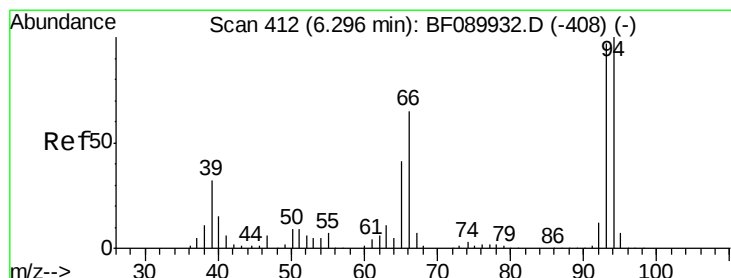
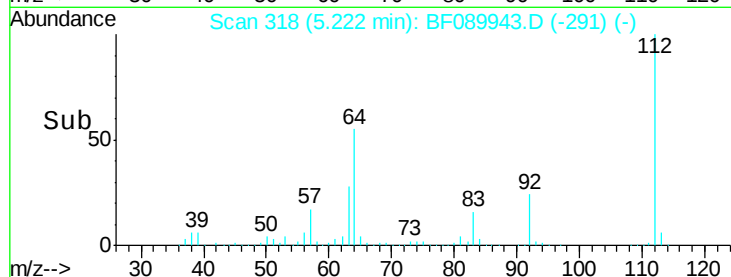
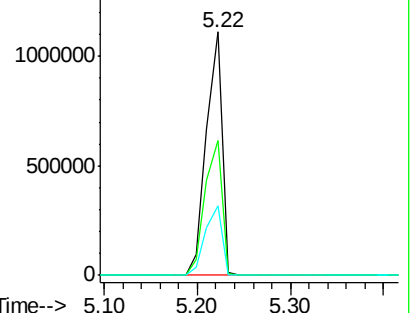
63 28.4 21.2 31.8



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



#6

Aniline

Concen: 21.27 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

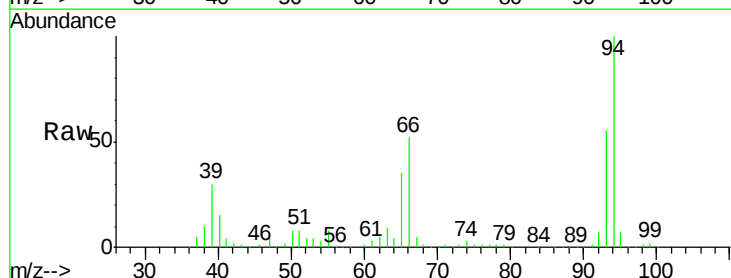
Tgt Ion: 93 Resp: 537517

Ion Ratio Lower Upper

93 100

66 94.7 52.9 79.3#

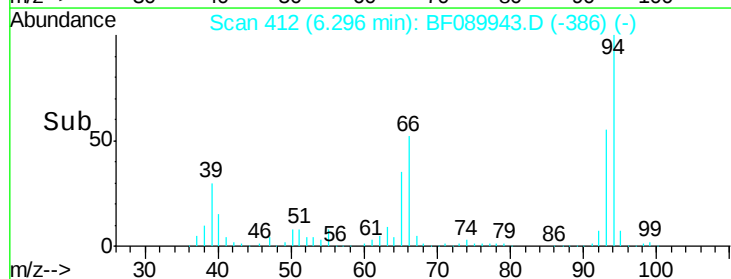
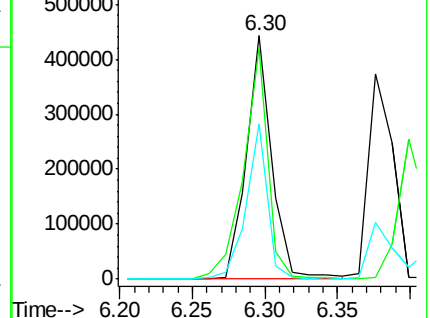
65 64.0 33.0 49.6#

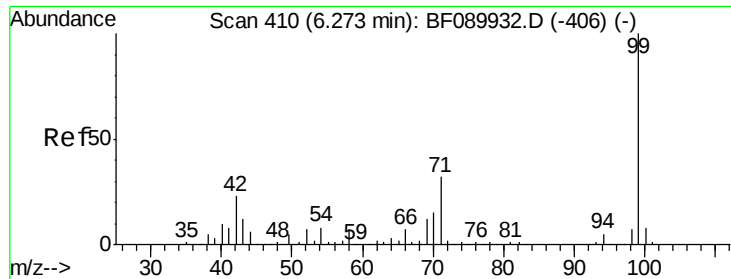


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 84.57 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

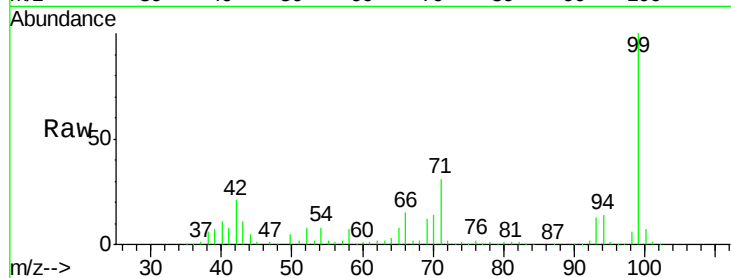
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1566271

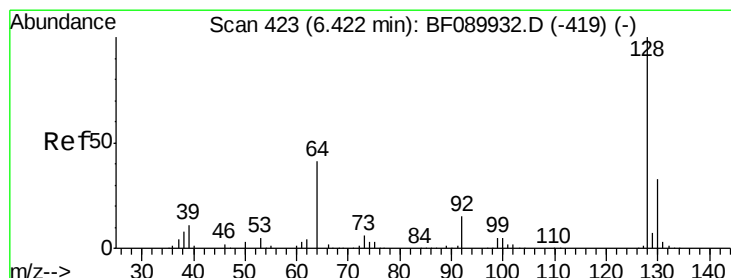
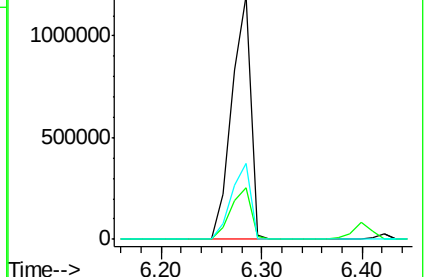
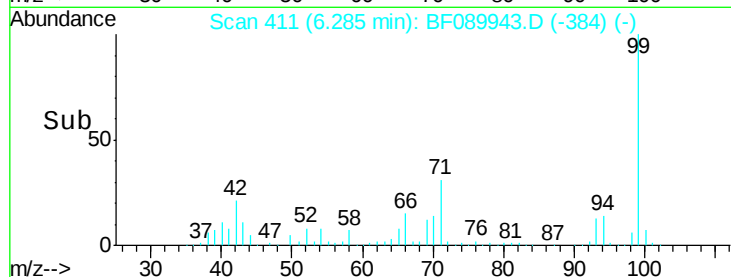
Ion	Ratio	Lower	Upper
99	100		
42	21.2	18.6	27.8
71	31.2	25.8	38.6



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: 29.41 ng

RT: 6.42 min Scan# 423

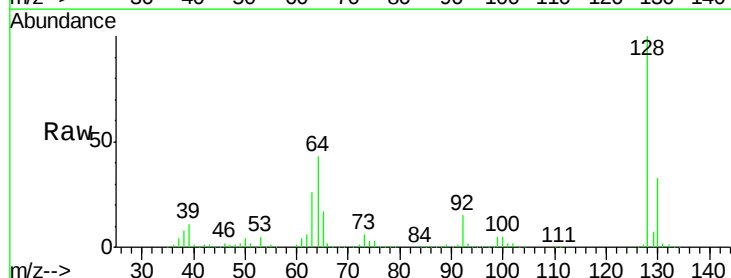
Delta R.T. 0.00 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

Tgt Ion: 128 Resp: 486249

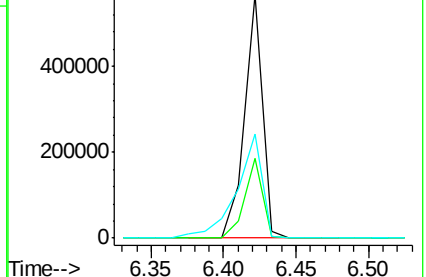
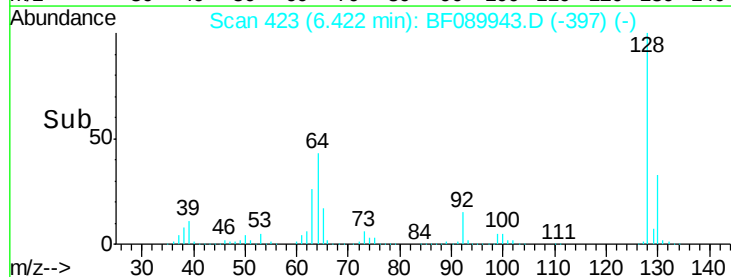
Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.8	52.8
64	43.0	23.2	63.2

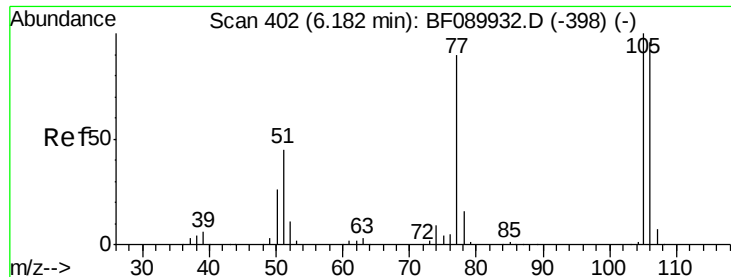


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 8.62 ng

RT: 6.17 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

Instrument :

BNA_F

ClientSampled :

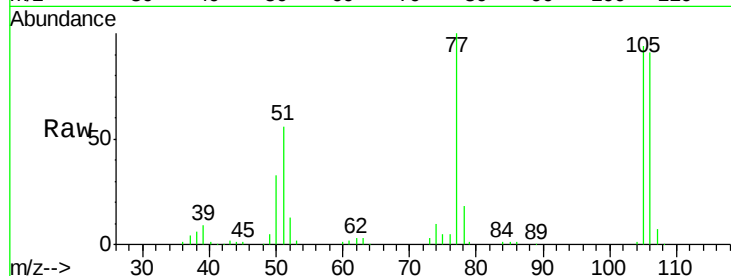
Tot Ion: 77 Resp: 103028

Ion Ratio Lower Upper

77 100

105 94.5 85.4 125.4

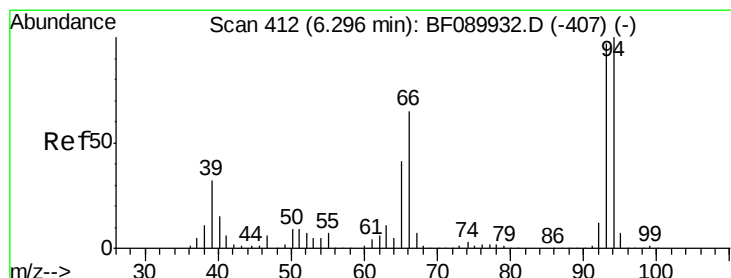
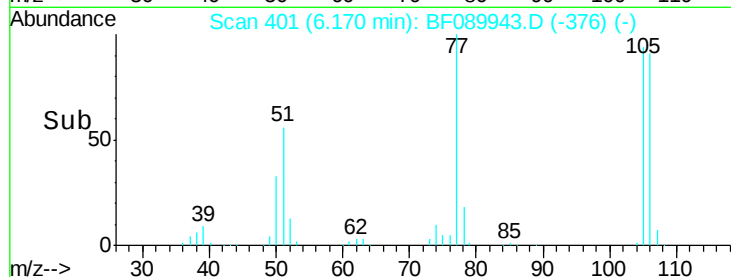
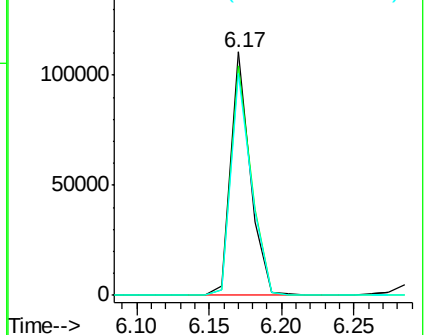
106 91.3 83.4 123.4



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: 32.40 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

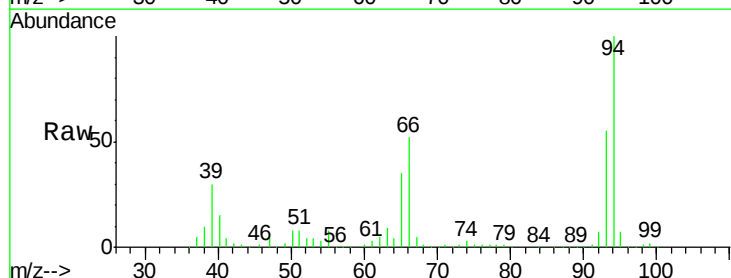
Tgt Ion: 94 Resp: 697781

Ion Ratio Lower Upper

94 100

65 35.0 23.2 63.2

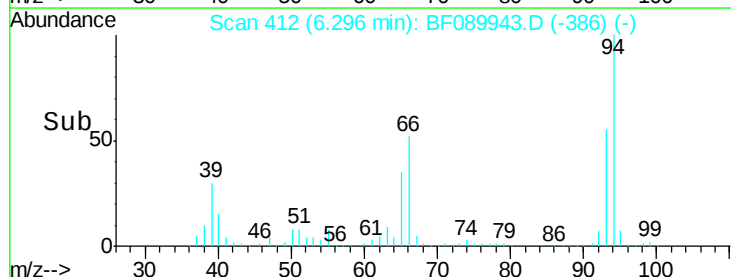
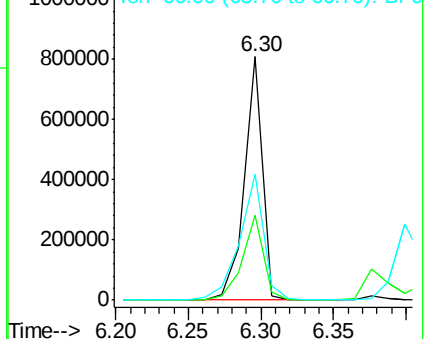
66 51.9 49.2 89.2

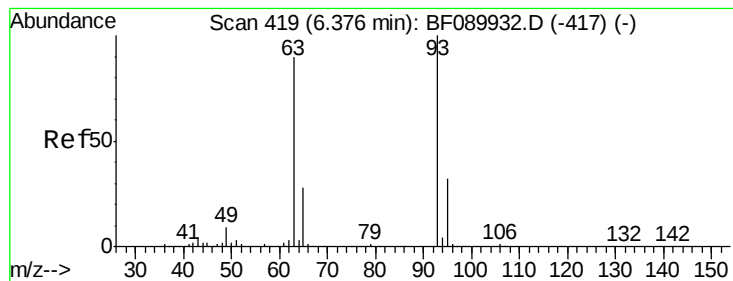


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

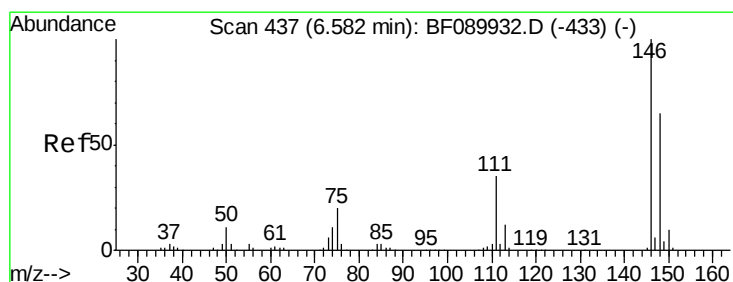
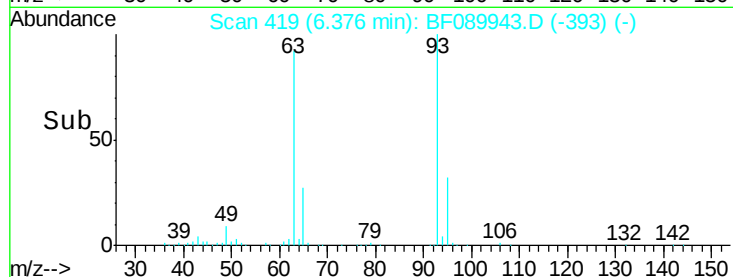
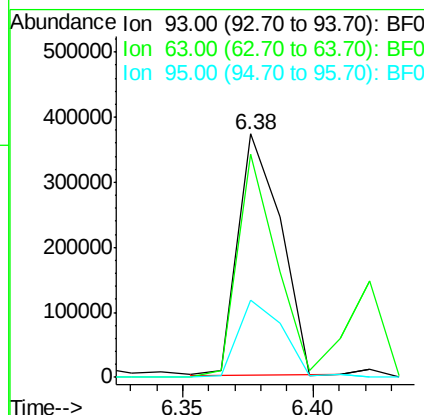
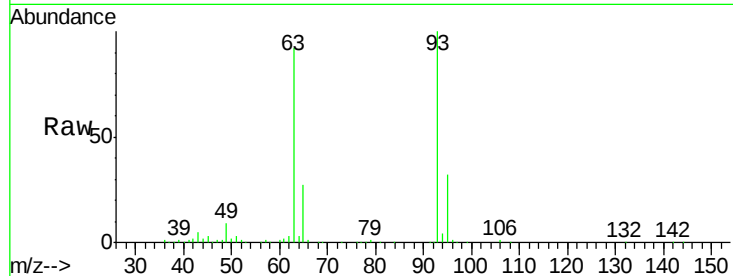




#11
 bis(2-Chloroethyl)ether
 Concen: 26.13 ng
 RT: 6.38 min Scan# 419
 Delta R.T. 0.00 min
 Lab File: BF089943.D
 Acq: 31 Aug 2016 11:51

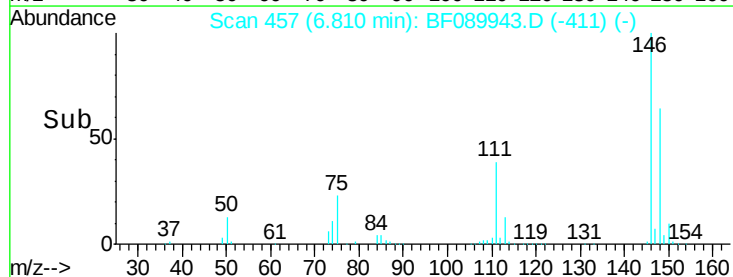
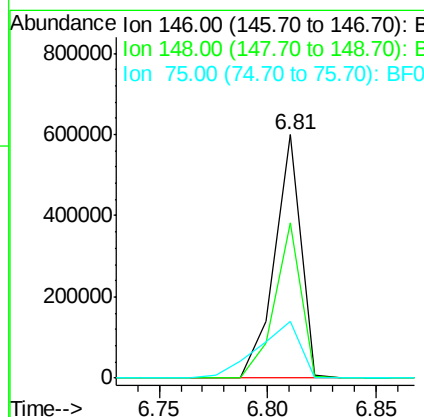
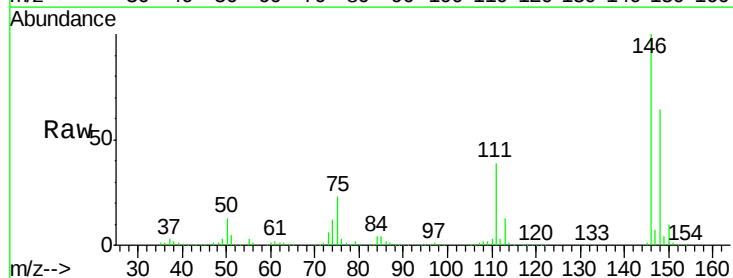
Instrument :
 BNA_F
 ClientSampleId :

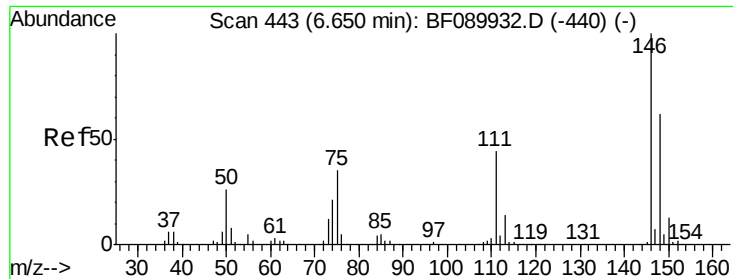
Tot Ion: 93 Resp: 425881
 Ion Ratio Lower Upper
 93 100
 63 91.6 71.1 111.1
 95 31.9 12.4 52.4



#12
 1,3-Dichlorobenzene
 Concen: 27.74 ng
 RT: 6.81 min Scan# 457
 Delta R.T. 0.23 min
 Lab File: BF089943.D
 Acq: 31 Aug 2016 11:51

Tgt Ion: 146 Resp: 512268
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.5 78.7
 75 23.1 16.6 24.8

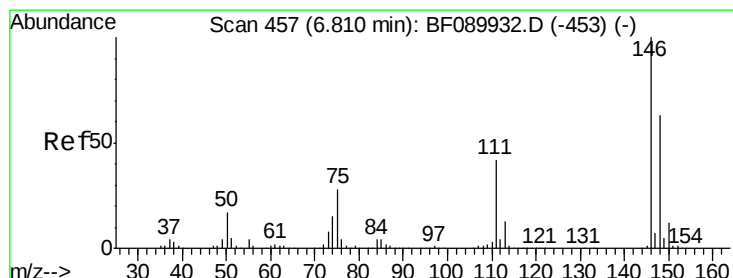
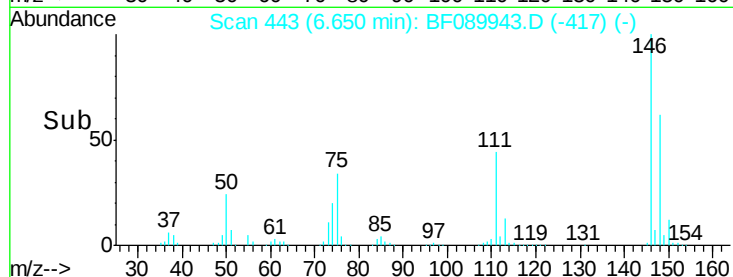
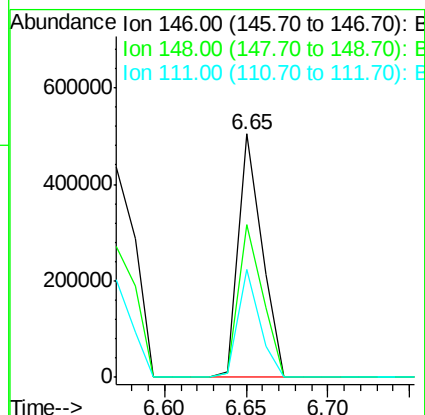
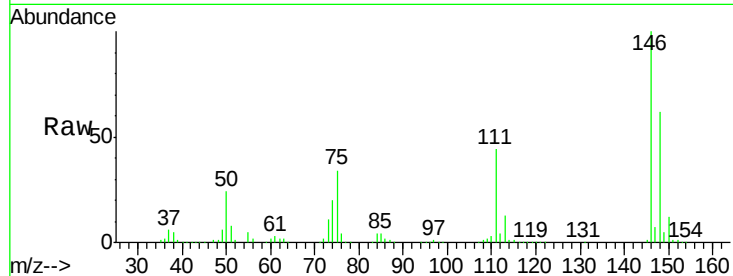




#13
 1,4-Dichlorobenzene
 Concen: 26.51 ng
 RT: 6.65 min Scan# 443
 Delta R.T. 0.00 min
 Lab File: BF089943.D
 Acq: 31 Aug 2016 11:51

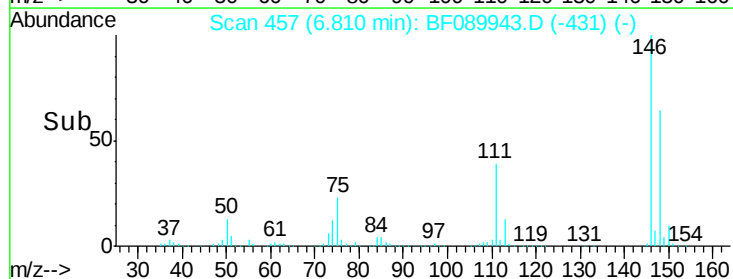
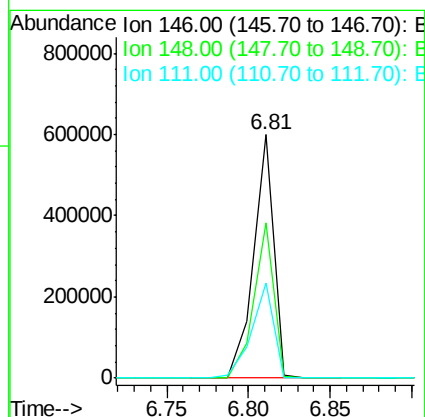
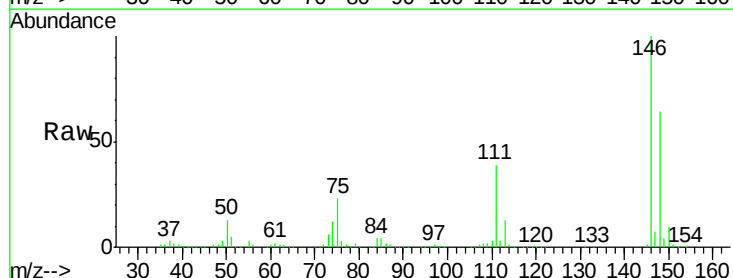
Instrument :
 BNA_F
 ClientSampleId :

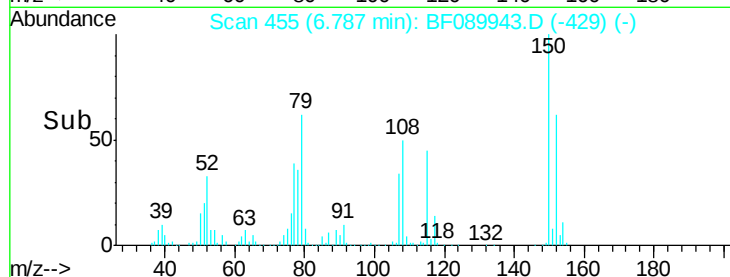
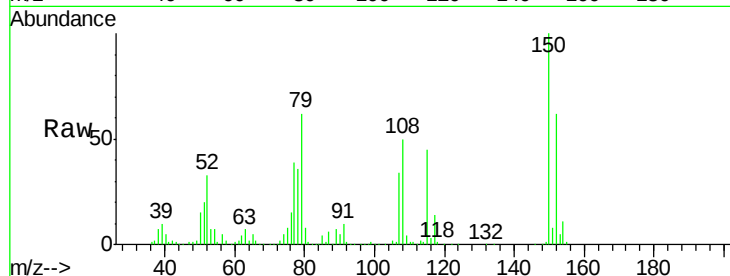
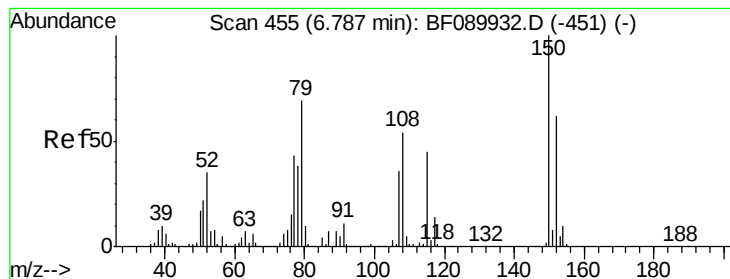
Tot Ion:146 Resp: 500962
 Ion Ratio Lower Upper
 146 100
 148 62.5 50.1 75.1
 111 44.1 35.8 53.6



#14
 1,2-Dichlorobenzene
 Concen: 30.24 ng
 RT: 6.81 min Scan# 457
 Delta R.T. 0.00 min
 Lab File: BF089943.D
 Acq: 31 Aug 2016 11:51

Tgt Ion:146 Resp: 512299
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.4 77.2
 111 38.8 34.6 51.8





#15

Benzyl Alcohol

Concen: 32.65 ng

RT: 6.79 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

Instrument :

BNA_F

ClientSampled :

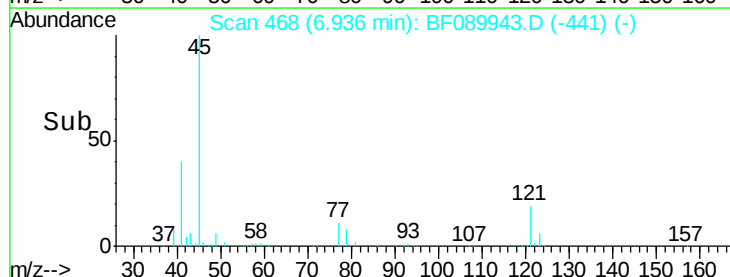
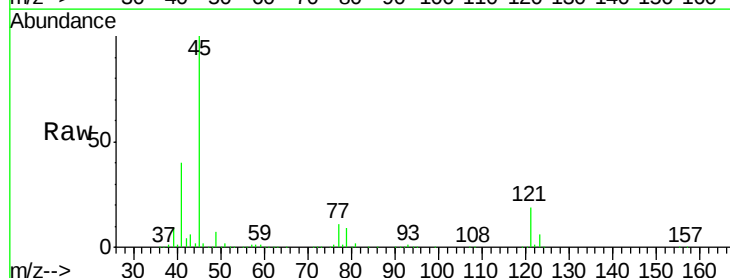
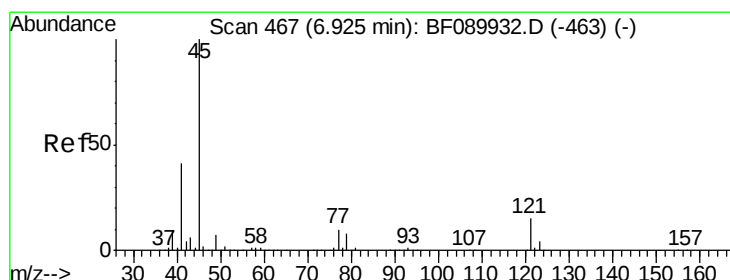
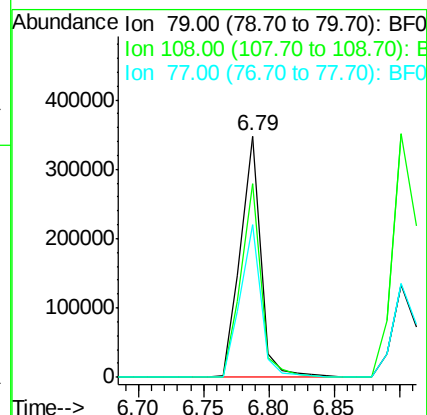
Tot Ion: 79 Resp: 378742

Ion Ratio Lower Upper

79 100

108 80.5 62.1 93.1

77 63.3 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.54 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.01 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

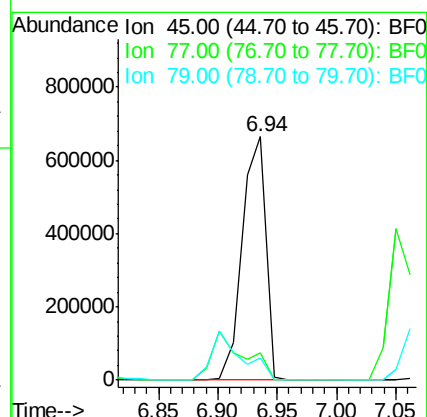
Tgt Ion: 45 Resp: 918012

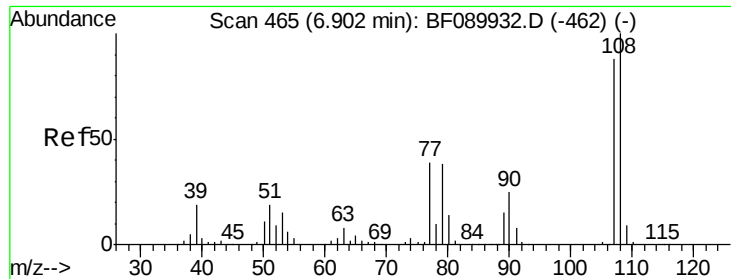
Ion Ratio Lower Upper

45 100

77 11.3 0.0 30.3

79 9.0 0.0 27.5

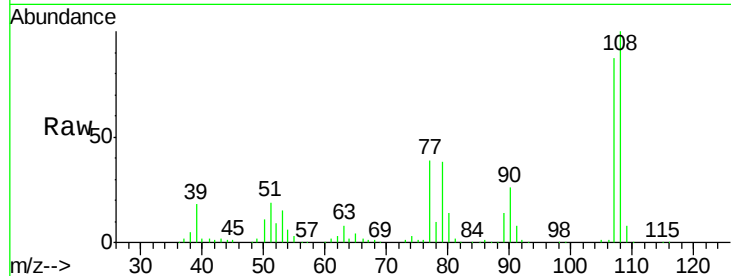




#17
2-Methylphenol
Concen: 30.11 ng
RT: 6.90 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF089943.D
Acq: 31 Aug 2016 11:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.3	91.8	137.6
77	44.2	36.0	54.0
79	43.3	35.9	53.9



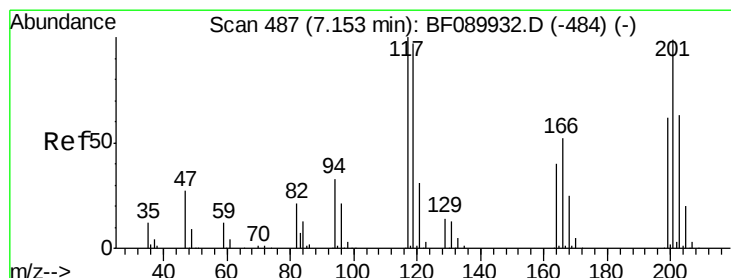
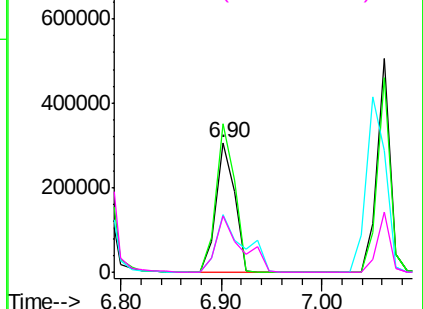
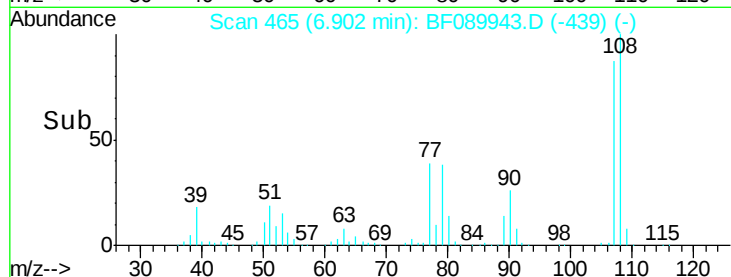
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

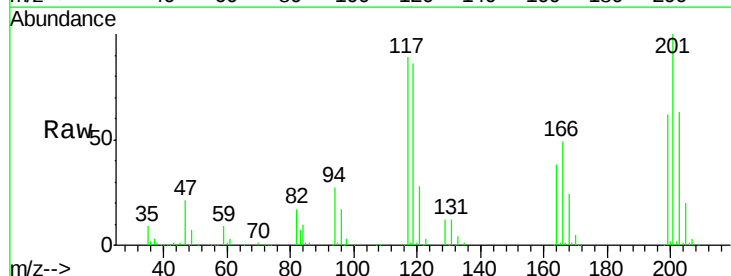
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 28.92 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.00 min
Lab File: BF089943.D
Acq: 31 Aug 2016 11:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	76.2	114.2
201	112.8	80.2	120.2

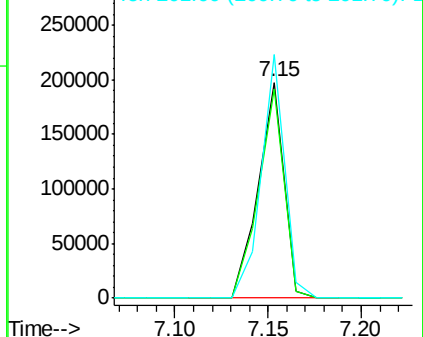
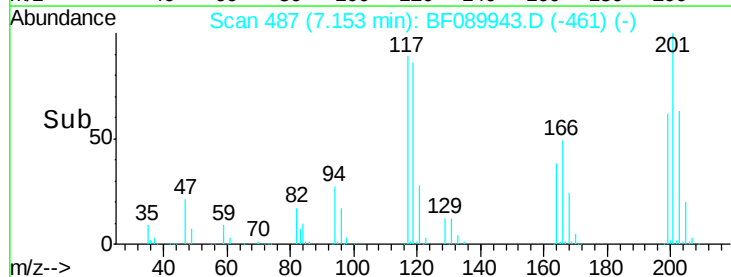


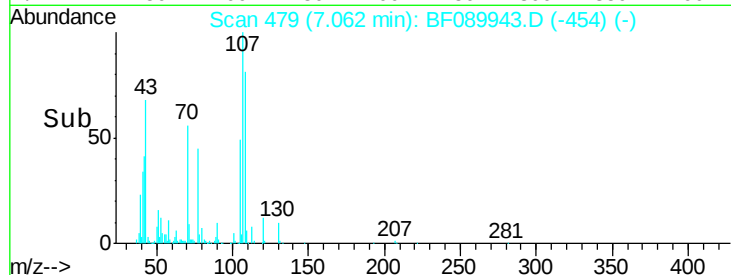
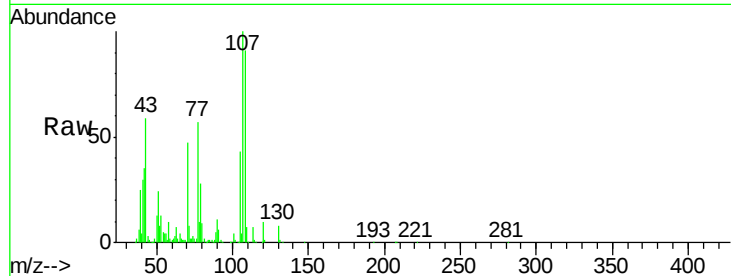
Abundance

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

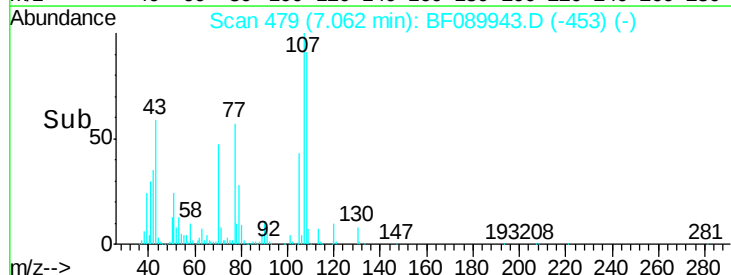
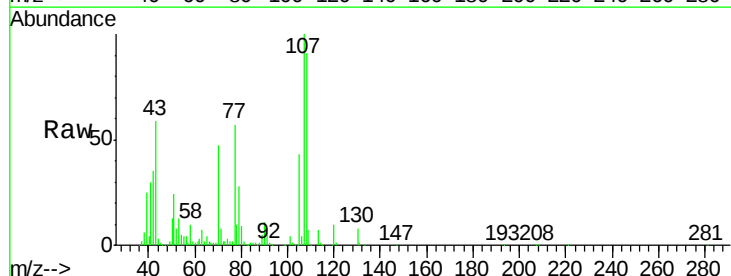
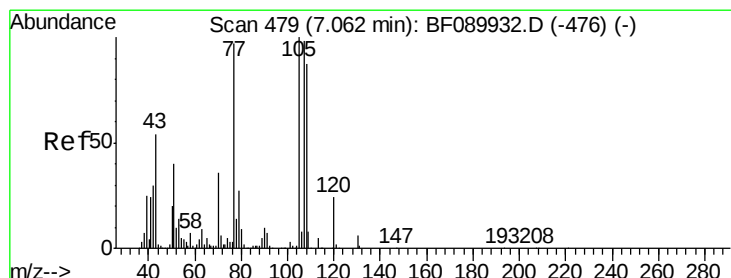
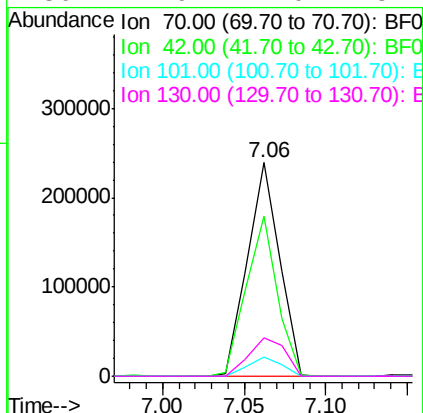




#19
n-Nitroso-di-n-propylamine
Concen: 26.96 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.01 min
Lab File: BF089943.D
Acq: 31 Aug 2016 11:51

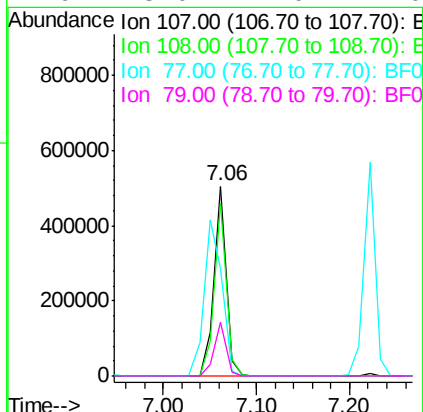
Instrument :
BNA_F
ClientSampleId :

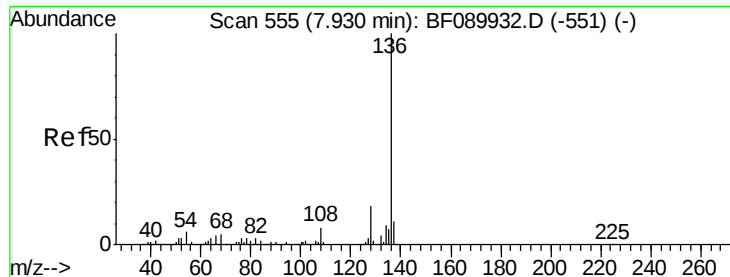
Tot Ion: 70 Resp: 325401
Ion Ratio Lower Upper
70 100
42 74.7 52.1 78.1
101 9.1 7.4 11.2
130 17.9 17.0 25.4



#20
3+4-Methylphenols
Concen: 28.86 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF089943.D
Acq: 31 Aug 2016 11:51

Tgt Ion: 107 Resp: 461902
Ion Ratio Lower Upper
107 100
108 90.8 70.2 110.2
77 56.9 75.7 115.7#
79 28.0 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: BF089943.D

Acq: 31 Aug 2016 11:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 927348

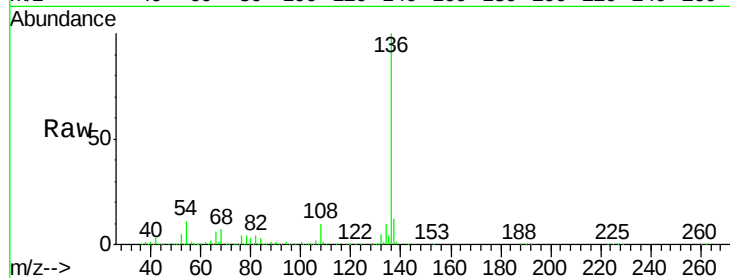
Ion Ratio Lower Upper

136 100

137 11.5 8.3 12.5

54 10.8 4.8 7.2#

68 7.4 3.7 5.5#

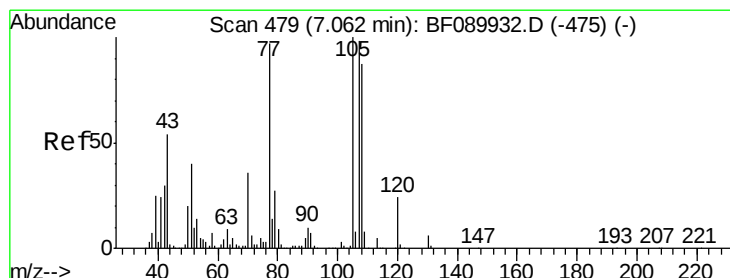
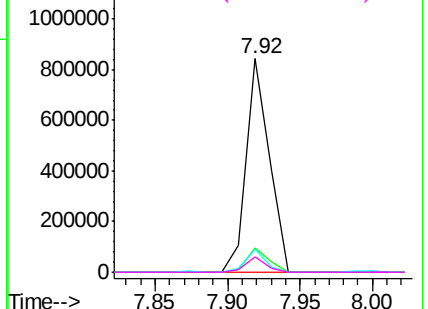
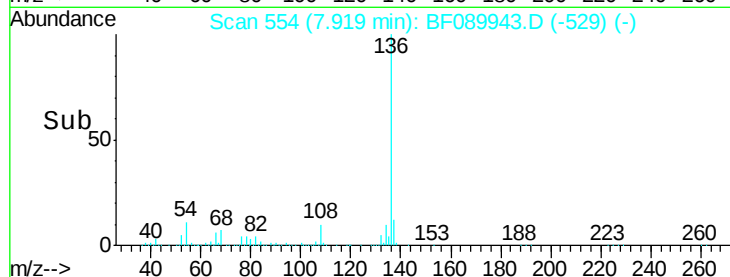


Abundance Ion 136.00 (135.70 to 136.70): E

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: 26.62 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

Tgt Ion:105 Resp: 553725

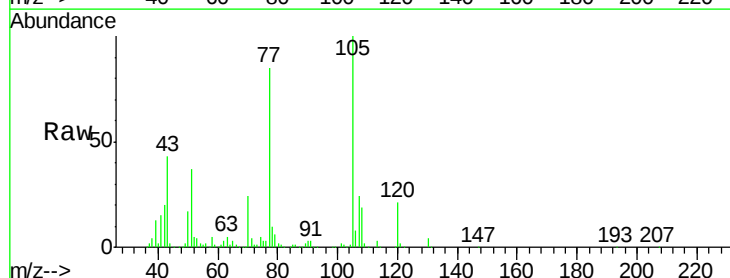
Ion Ratio Lower Upper

105 100

71 3.9 5.3 7.9#

51 37.3 32.6 48.8

120 21.2 18.6 28.0

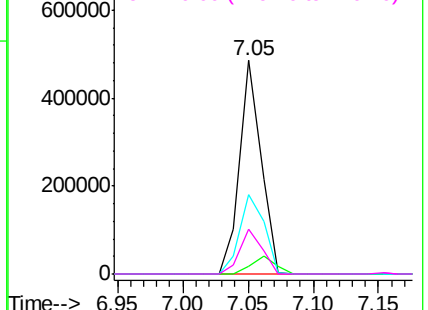
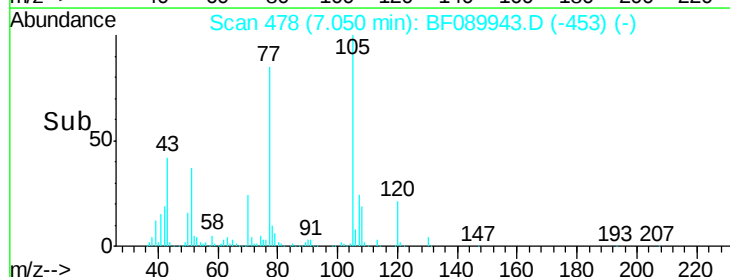


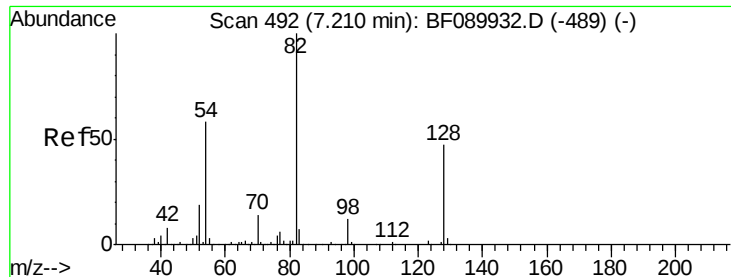
Abundance Ion 105.00 (104.70 to 105.70): E

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

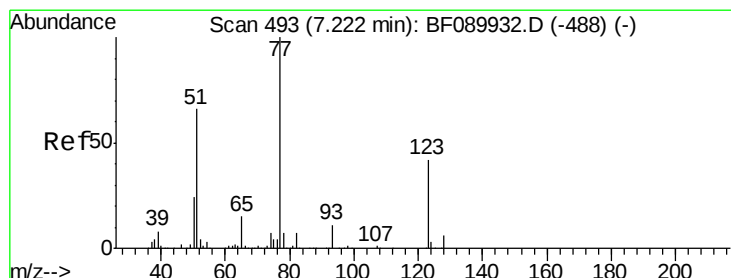
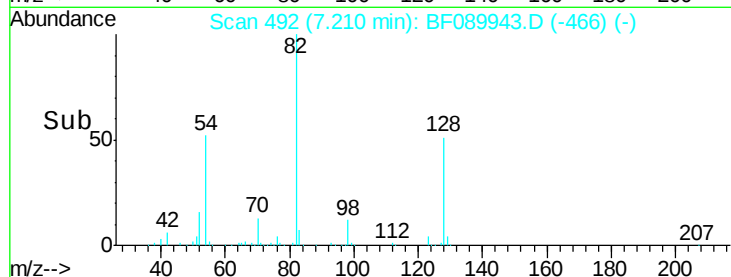
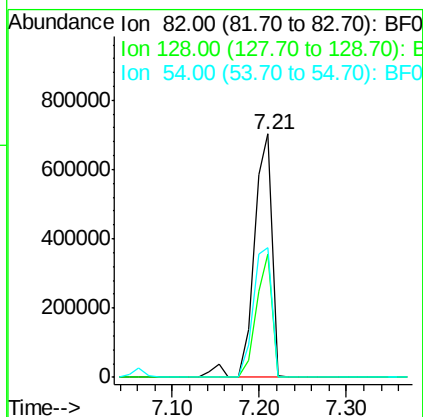
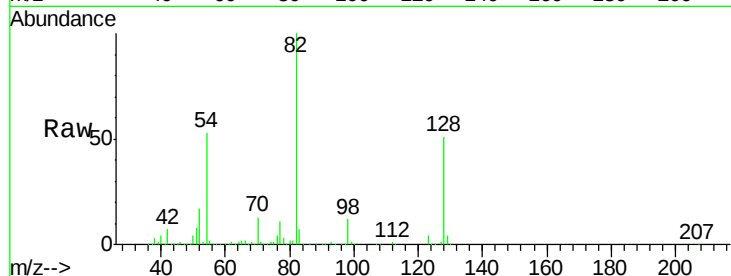




#23
Nitrobenzene-d5
Concen: 63.71 ng
RT: 7.21 min Scan# 492
Delta R.T. 0.00 min
Lab File: BF089943.D
Acq: 31 Aug 2016 11:51

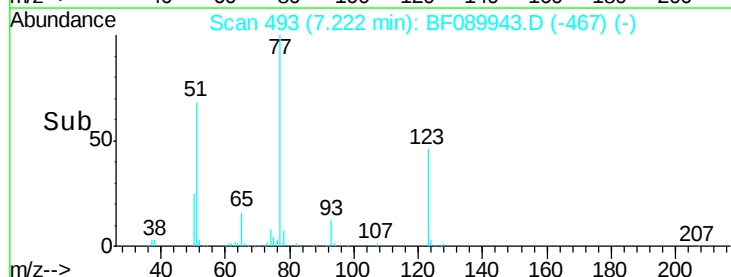
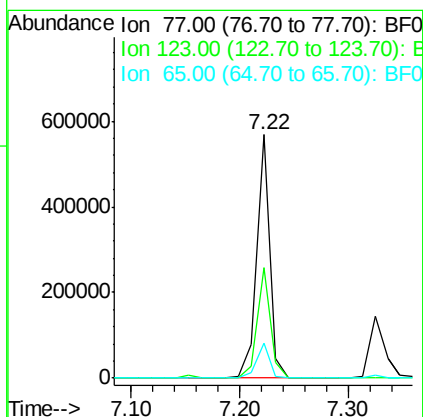
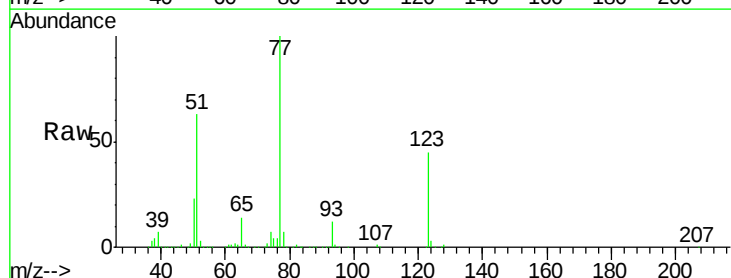
Instrument :
BNA_F
ClientSampled :

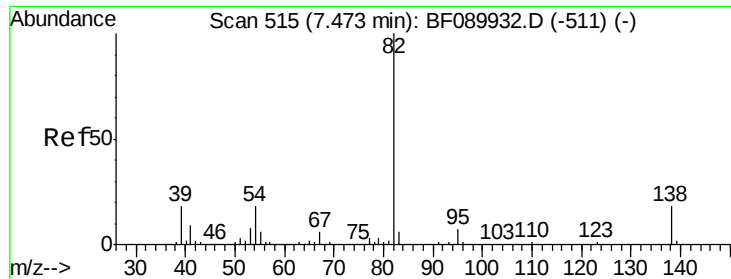
Tot Ion: 82 Resp: 1018742
Ion Ratio Lower Upper
82 100
128 50.8 37.8 56.8
54 53.3 46.9 70.3



#24
Nitrobenzene
Concen: 28.27 ng
RT: 7.22 min Scan# 493
Delta R.T. 0.00 min
Lab File: BF089943.D
Acq: 31 Aug 2016 11:51

Tgt Ion: 77 Resp: 480511
Ion Ratio Lower Upper
77 100
123 45.3 32.0 48.0
65 14.1 11.2 16.8

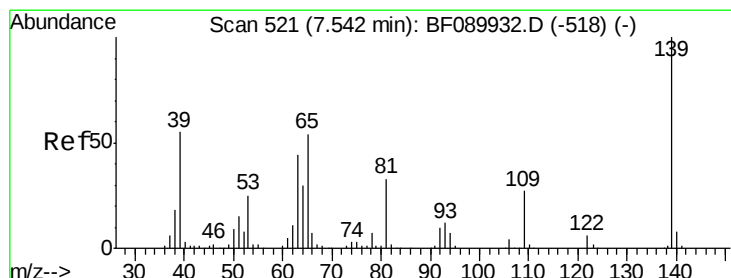
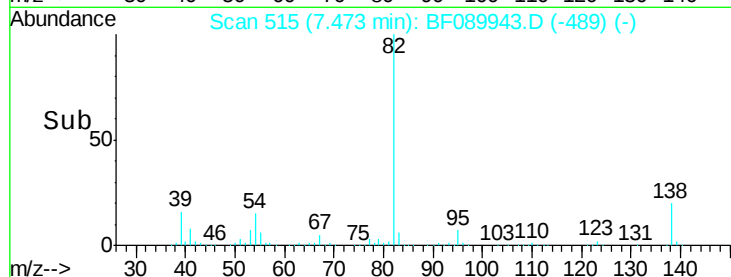
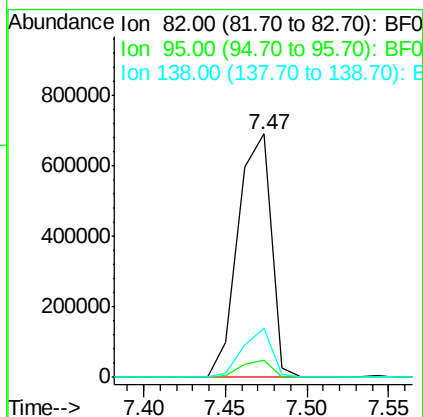
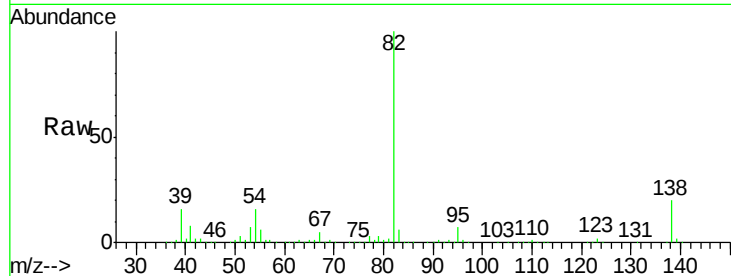




#25
Isophorone
Concen: 29.83 ng
RT: 7.47 min Scan# 515
Delta R.T. 0.00 min
Lab File: BF089943.D
Acq: 31 Aug 2016 11:51

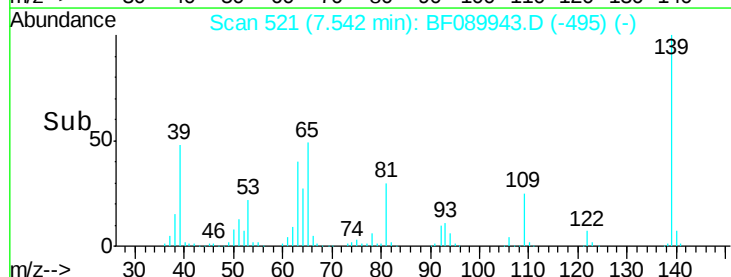
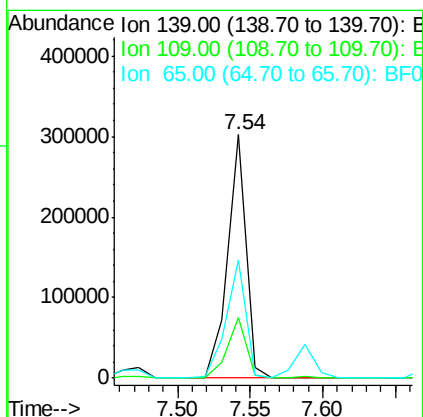
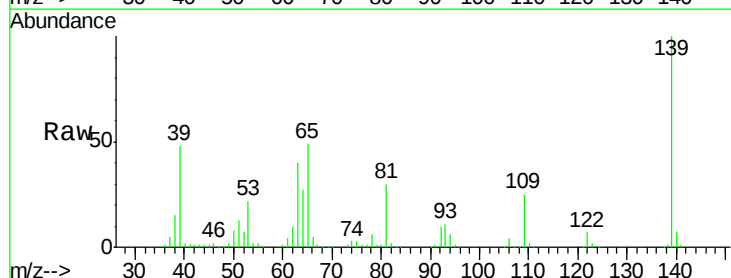
Instrument :
BNA_F
ClientSampleId :

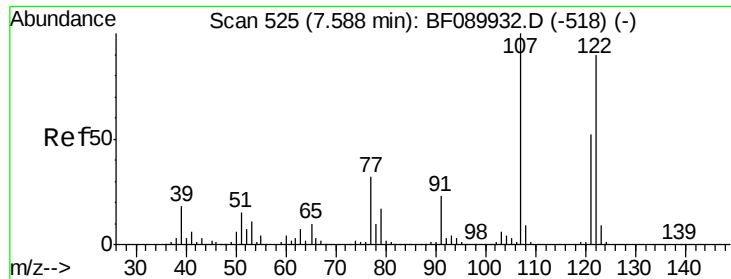
Tot Ion: 82 Resp: 970055
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 20.2 14.4 21.6



#26
2-Nitrophenol
Concen: 33.03 ng
RT: 7.54 min Scan# 521
Delta R.T. 0.00 min
Lab File: BF089943.D
Acq: 31 Aug 2016 11:51

Tgt Ion: 139 Resp: 268394
Ion Ratio Lower Upper
139 100
109 25.0 21.0 31.4
65 48.8 43.4 65.0





#27

2,4-Dimethylphenol

Concen: 29.17 ng

RT: 7.59 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

Instrument :

BNA_F

ClientSampled :

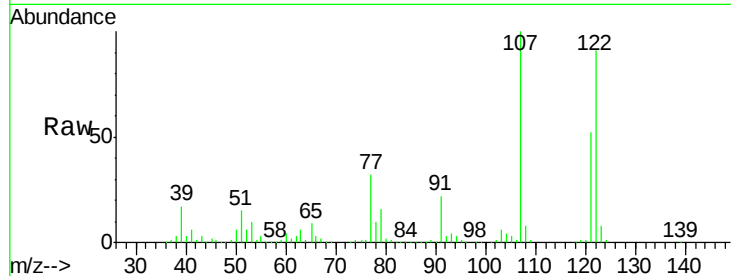
Tot Ion:122 Resp: 438448

Ion Ratio Lower Upper

122 100

107 110.2 88.5 132.7

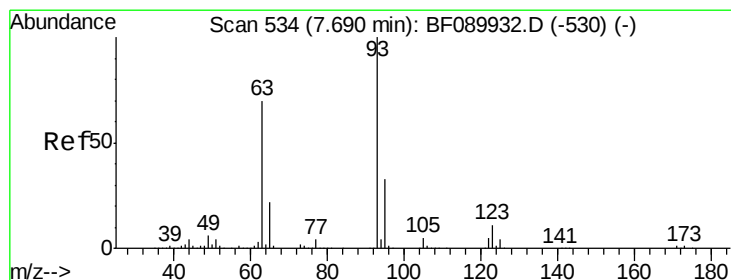
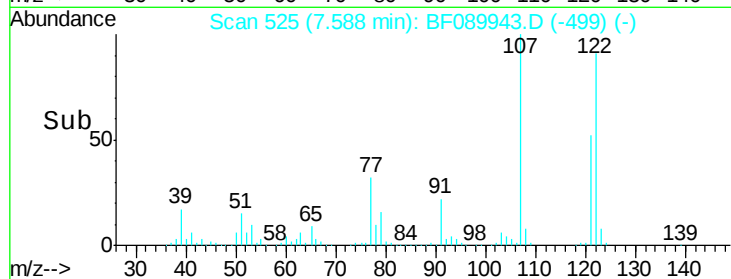
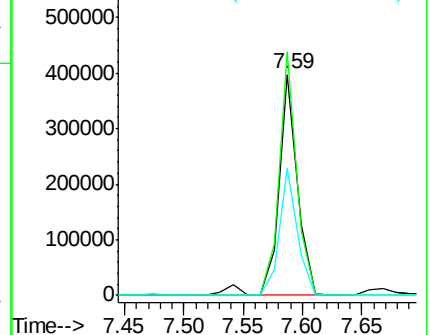
121 57.3 46.0 69.0



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: 33.06 ng

RT: 7.69 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

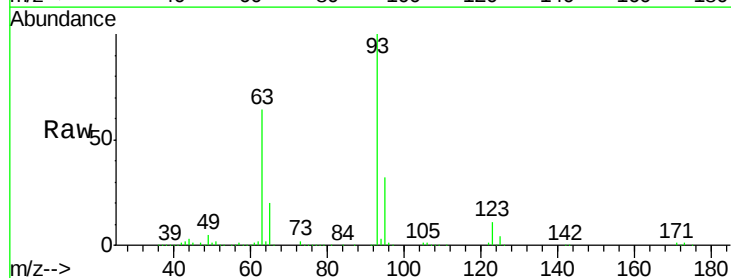
Tgt Ion: 93 Resp: 648281

Ion Ratio Lower Upper

93 100

95 32.5 26.6 40.0

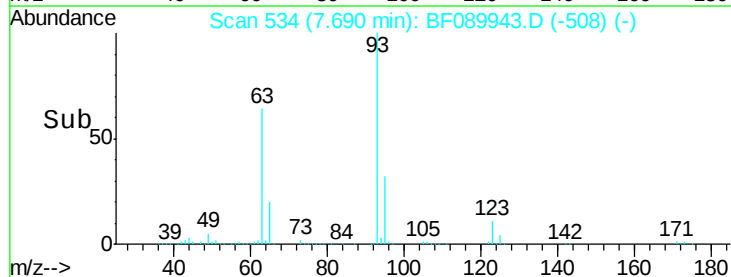
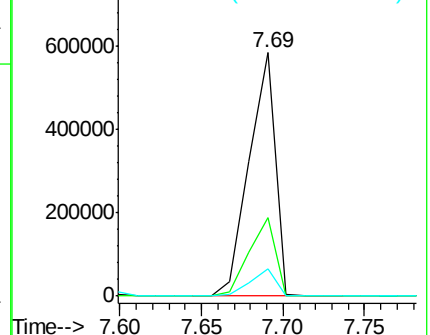
123 11.4 9.1 13.7

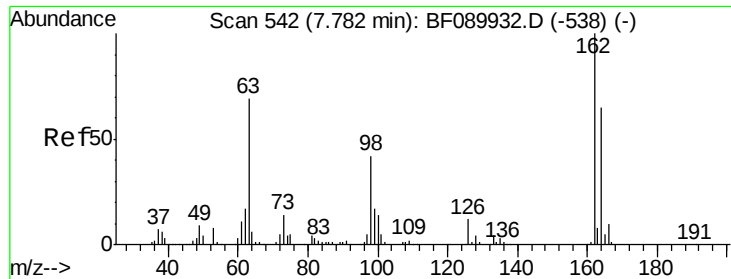


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

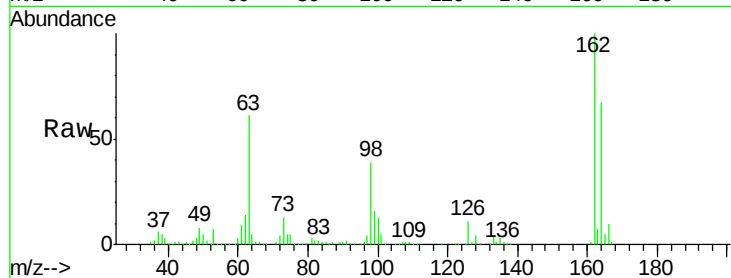




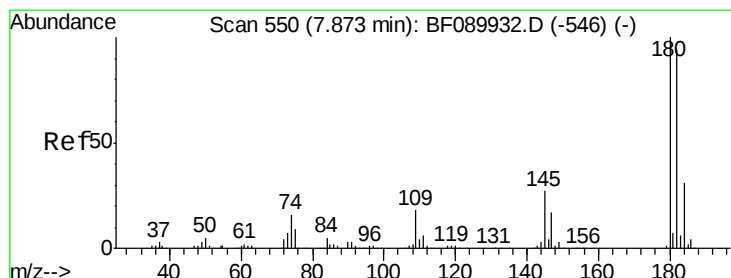
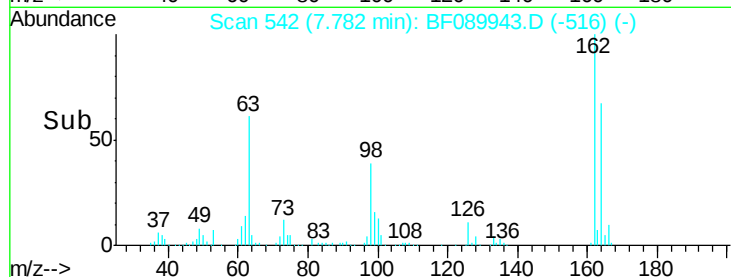
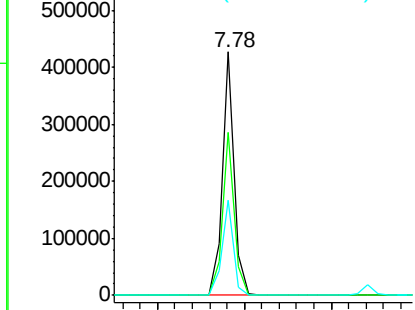
#29
 2,4-Dichlorophenol
 Concen: 30.25 ng
 RT: 7.78 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF089943.D
 Acq: 31 Aug 2016 11:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.8	46.6	86.6
98	39.0	22.0	62.0

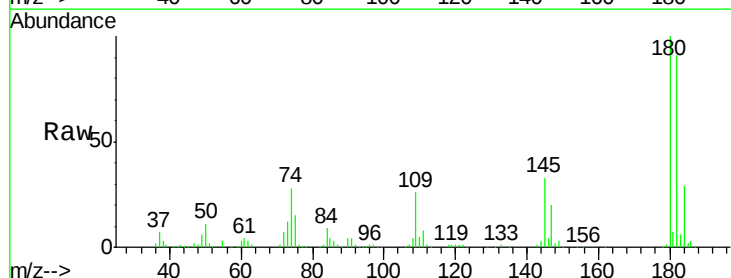


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

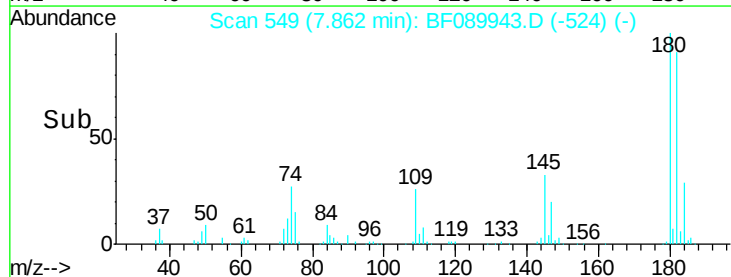
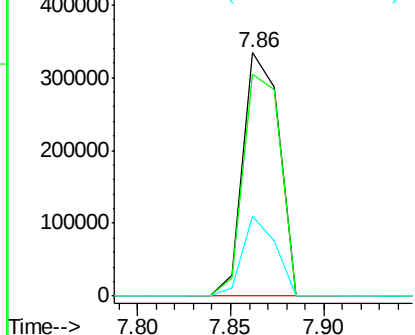


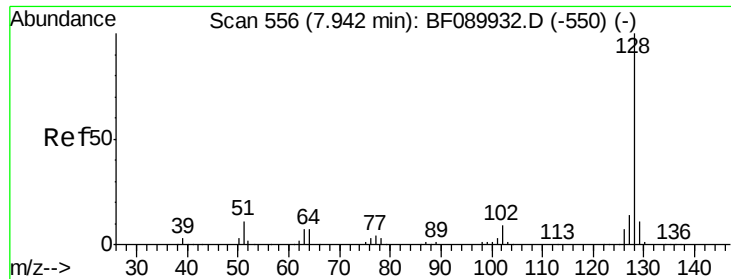
#30
 1,2,4-Trichlorobenzene
 Concen: 30.38 ng
 RT: 7.86 min Scan# 549
 Delta R.T. -0.01 min
 Lab File: BF089943.D
 Acq: 31 Aug 2016 11:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.2	76.2	114.2
145	32.8	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

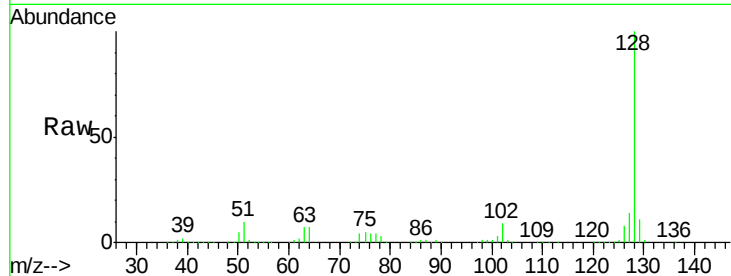




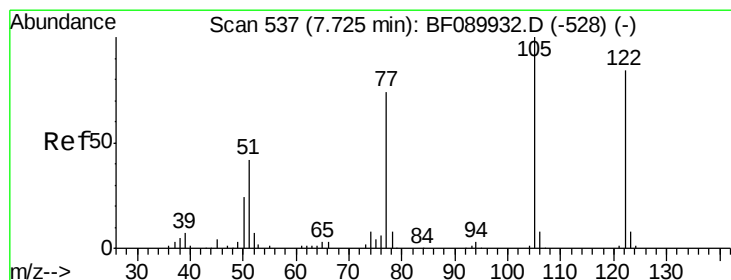
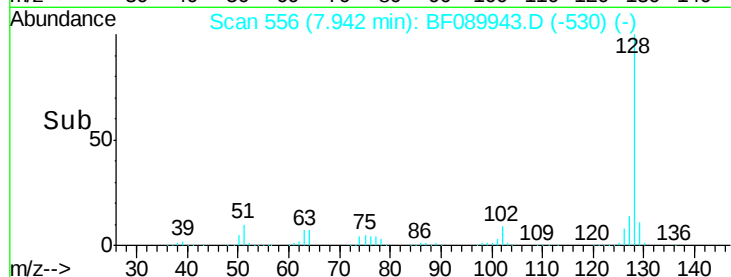
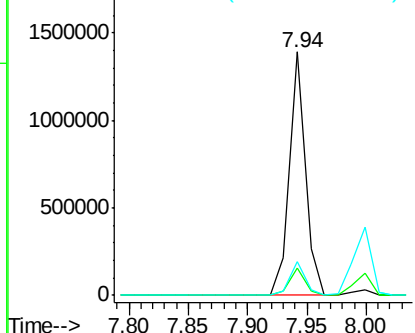
#31
Naphthalene
Concen: 27.87 ng
RT: 7.94 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF089943.D
Acq: 31 Aug 2016 11:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1287483
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.0
127 13.7 10.7 16.1

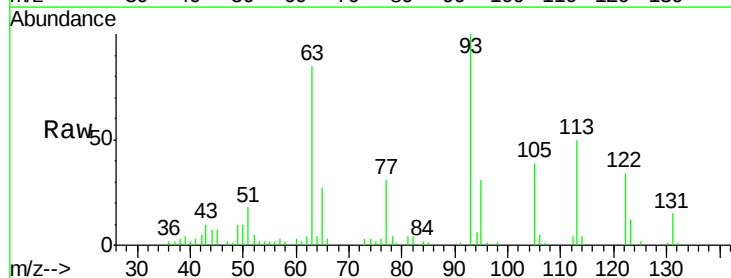


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

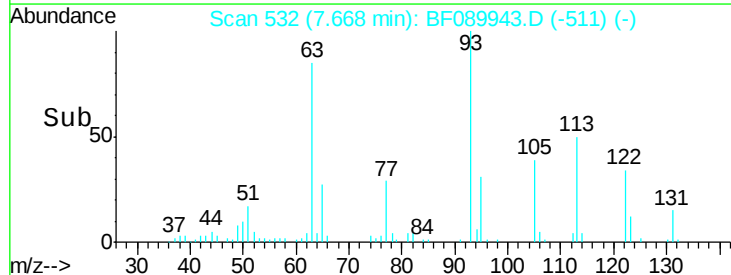
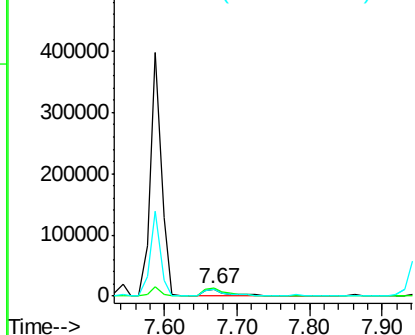


#32
Benzoic acid
Concen: 2.74 ng
RT: 7.67 min Scan# 532
Delta R.T. -0.06 min
Lab File: BF089943.D
Acq: 31 Aug 2016 11:51

Tgt Ion:122 Resp: 27778
Ion Ratio Lower Upper
122 100
105 113.6 102.2 142.2
77 89.1 74.1 114.1



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

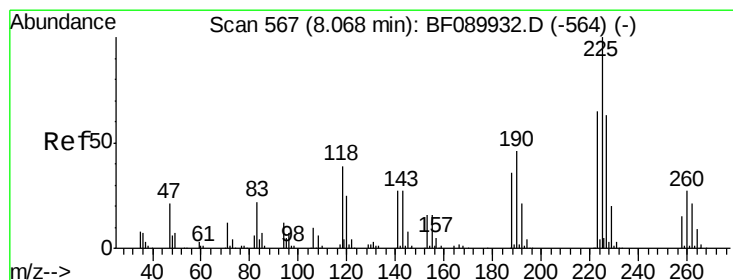
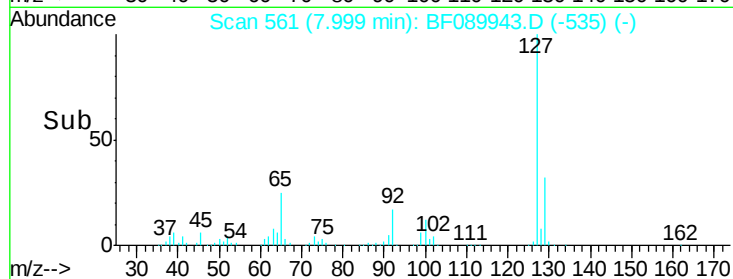
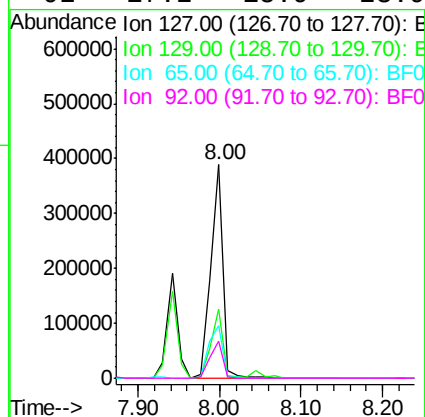
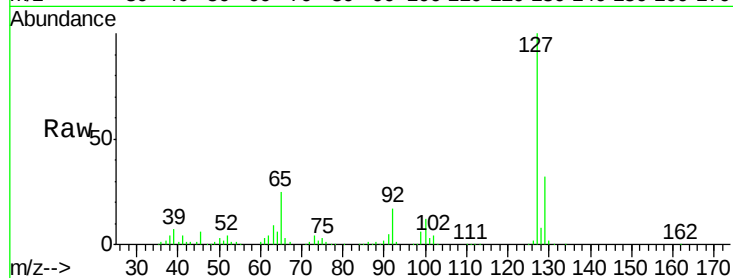




#33
4-Chloroaniline
Concen: 22.12 ng
RT: 8.00 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF089943.D
Acq: 31 Aug 2016 11:51

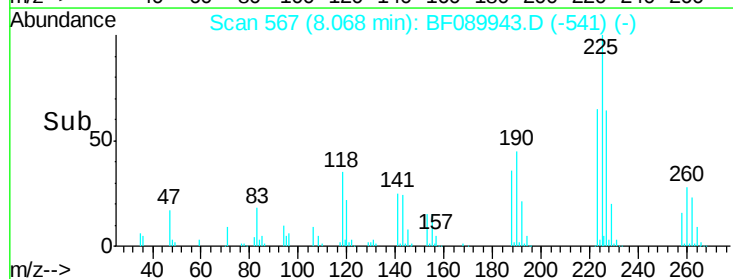
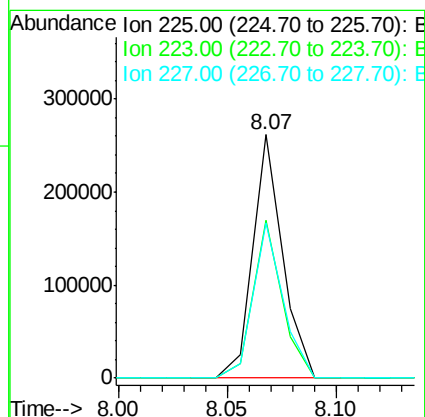
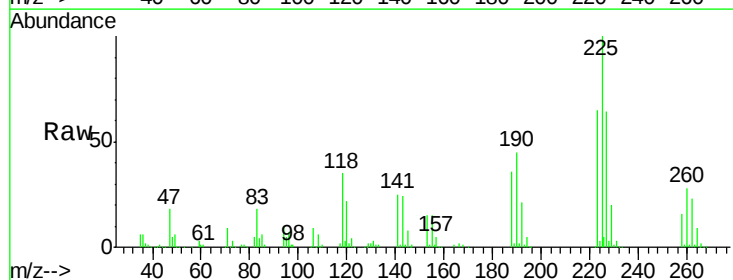
Instrument :
BNA_F
ClientSampled :

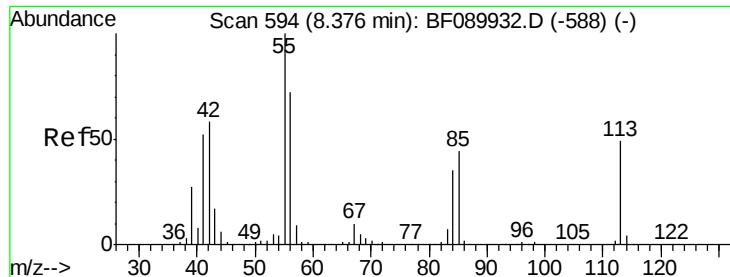
Tot Ion:	127	Resp:	412394
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	24.7	26.0	39.0
92	17.2	15.9	23.9



#34
Hexachlorobutadiene
Concen: 28.73 ng
RT: 8.07 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF089943.D
Acq: 31 Aug 2016 11:51

Tgt Ion:	225	Resp:	248008
Ion	Ratio	Lower	Upper
225	100		
223	65.0	52.6	78.8
227	64.0	50.8	76.2

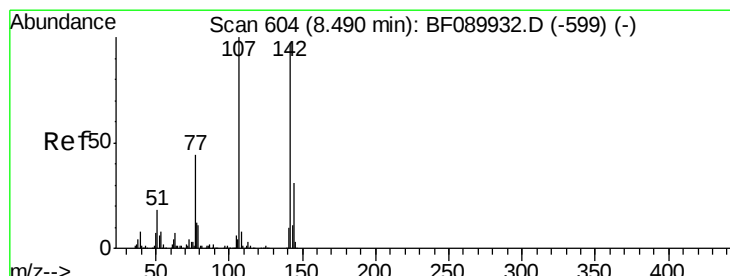
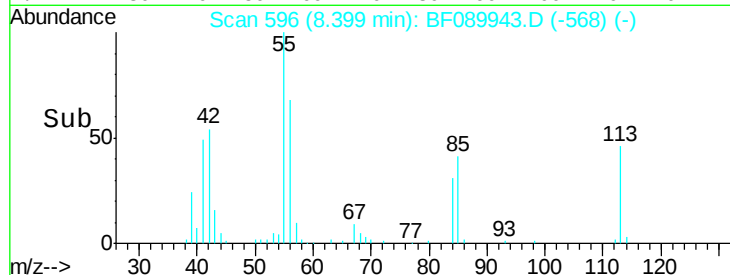
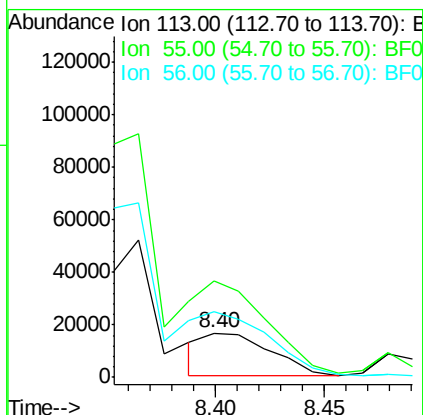
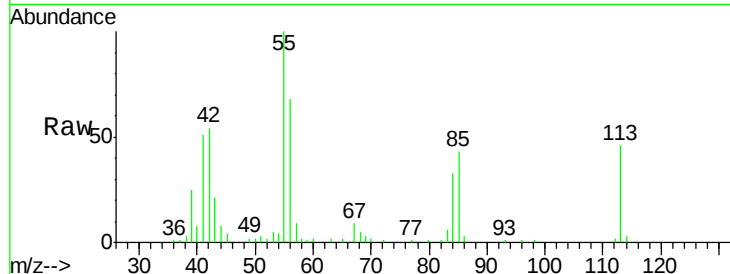




#35
 Caprolactam
 Concen: 8.10 ng
 RT: 8.40 min Scan# 596
 Delta R.T. 0.02 min
 Lab File: BF089943.D
 Acq: 31 Aug 2016 11:51

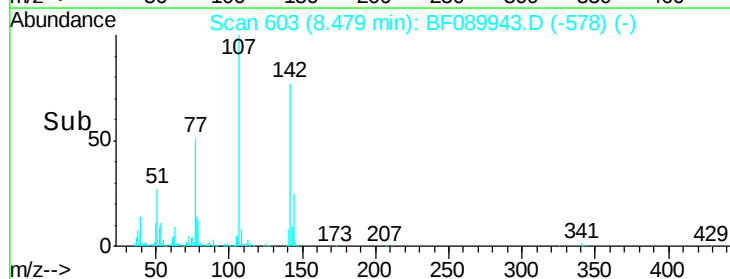
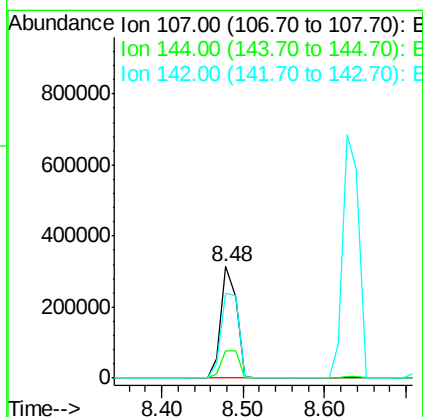
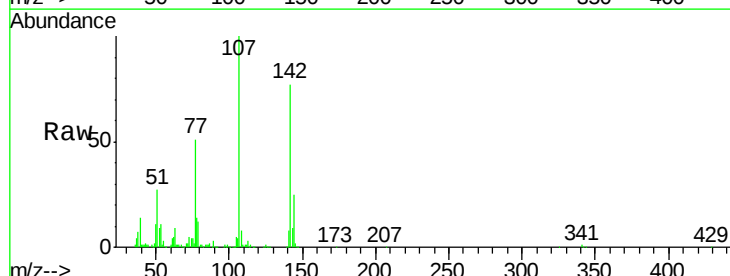
Instrument :
 BNA_F
 ClientSampleId :

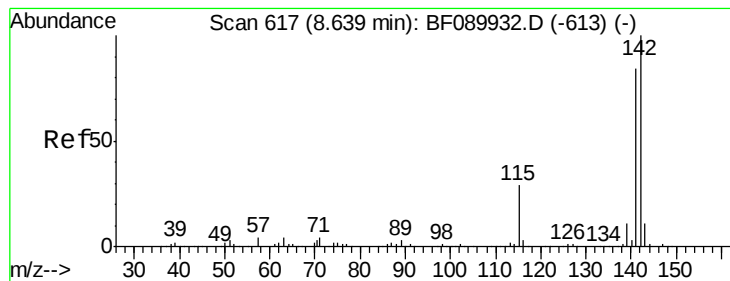
Tot Ion:113 Resp: 34444
 Ion Ratio Lower Upper
 113 100
 55 217.5 178.5 218.5
 56 148.3 122.7 162.7



#36
 4-Chloro-3-methylphenol
 Concen: 29.26 ng
 RT: 8.48 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF089943.D
 Acq: 31 Aug 2016 11:51

Tgt Ion:107 Resp: 417653
 Ion Ratio Lower Upper
 107 100
 144 24.7 25.8 38.8#
 142 76.6 79.2 118.8#

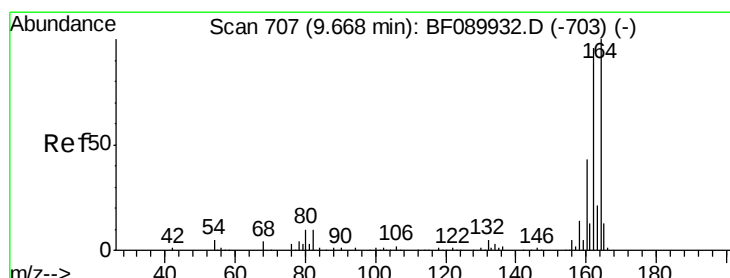
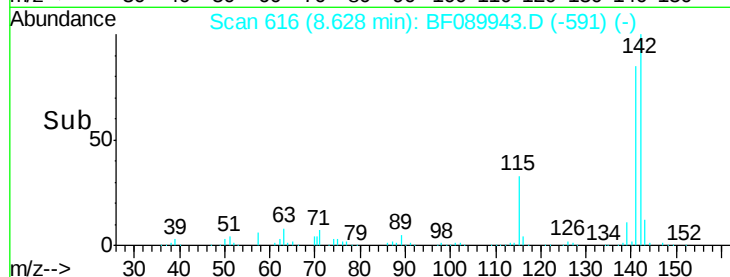
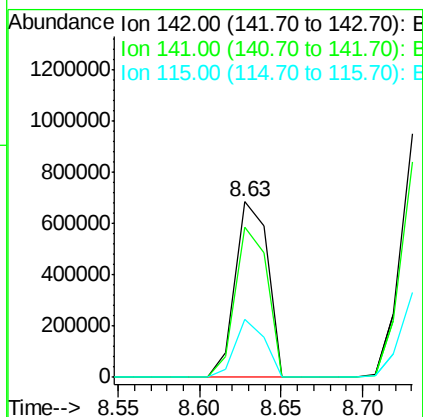
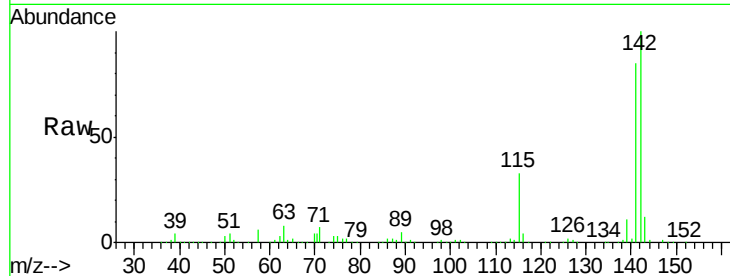




#37
2-Methylnaphthalene
Concen: 30.92 ng
RT: 8.63 min Scan# 616
Delta R.T. -0.01 min
Lab File: BF089943.D
Acq: 31 Aug 2016 11:51

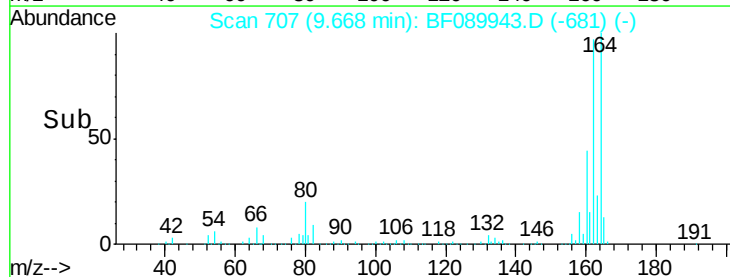
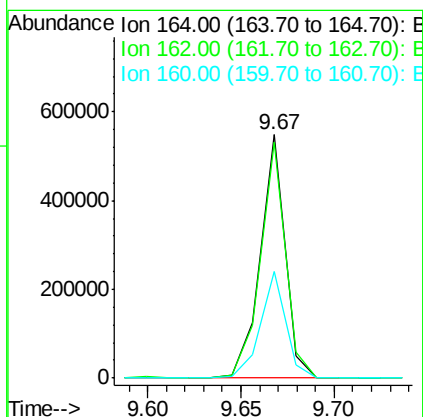
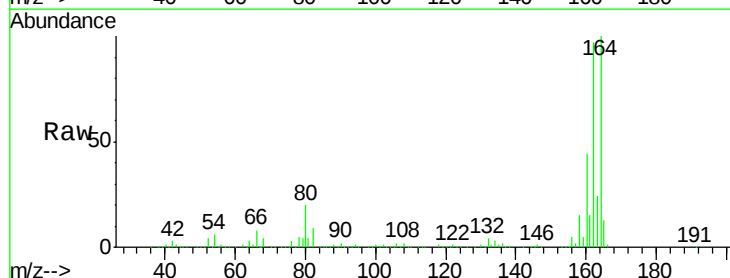
Instrument :
BNA_F
ClientSampleId :

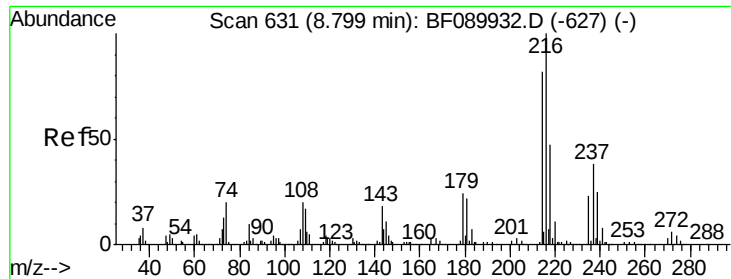
Tot Ion:142 Resp: 943868
Ion Ratio Lower Upper
142 100
141 85.4 68.3 102.5
115 33.3 23.8 35.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.67 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF089943.D
Acq: 31 Aug 2016 11:51

Tgt Ion:164 Resp: 499384
Ion Ratio Lower Upper
164 100
162 96.7 77.1 115.7
160 43.7 35.3 52.9

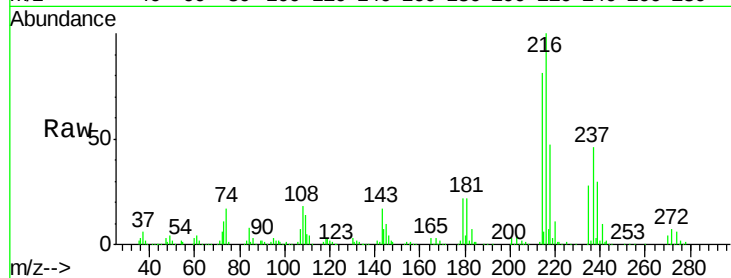




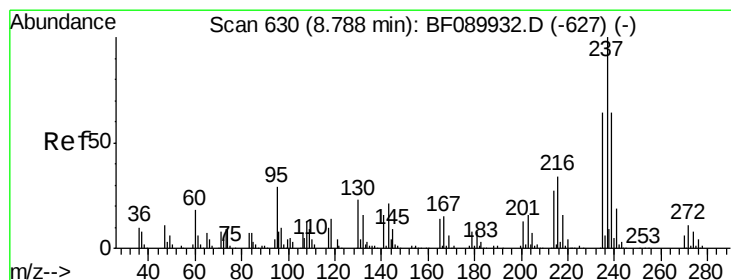
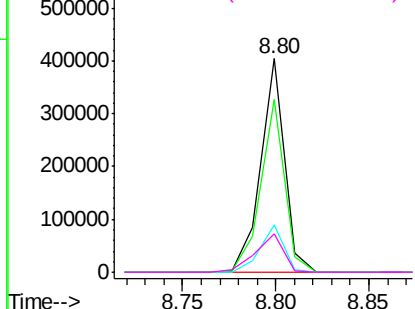
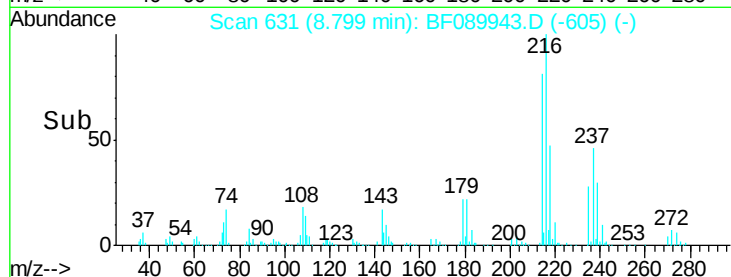
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 24.76 ng
 RT: 8.80 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: BF089943.D
 Acq: 31 Aug 2016 11:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	362231
Ion	Ratio	Lower	Upper
216	100		
214	80.5	63.4	95.2
179	22.1	17.3	25.9
108	21.1	15.5	23.3

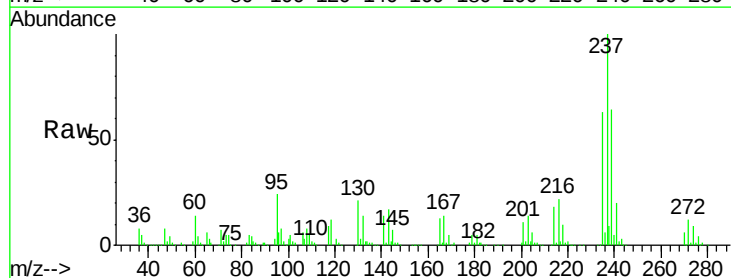


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

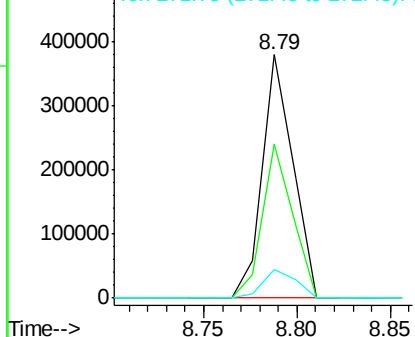
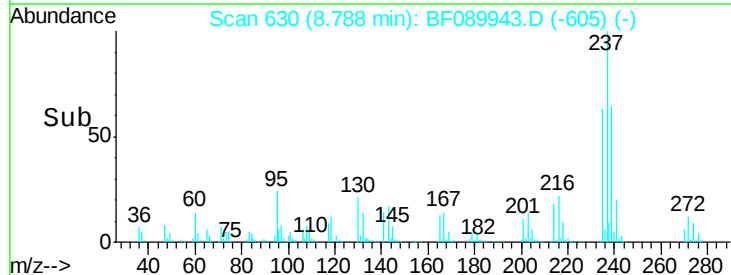


#40
 Hexachlorocyclopentadiene
 Concen: 57.00 ng
 RT: 8.79 min Scan# 630
 Delta R.T. -0.01 min
 Lab File: BF089943.D
 Acq: 31 Aug 2016 11:51

Tgt Ion:	237	Resp:	427600
Ion	Ratio	Lower	Upper
237	100		
235	63.4	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

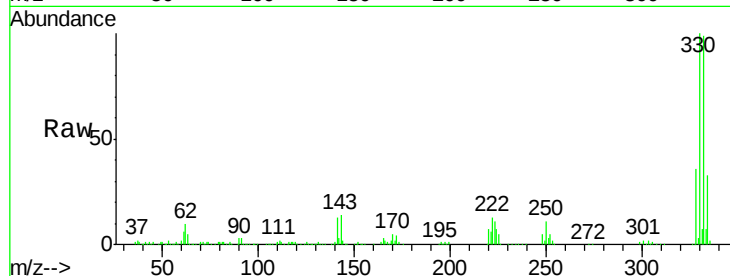




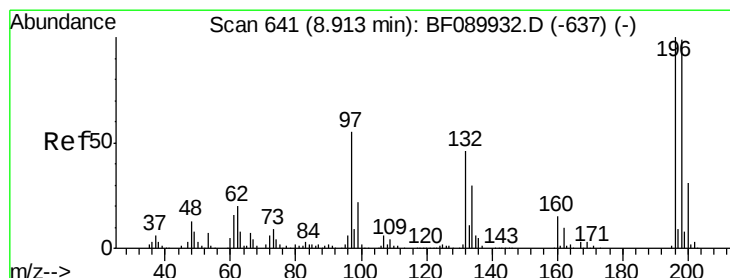
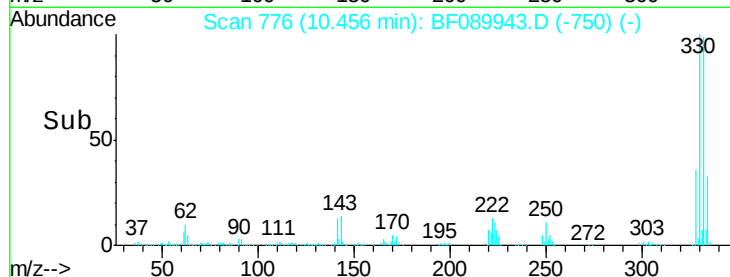
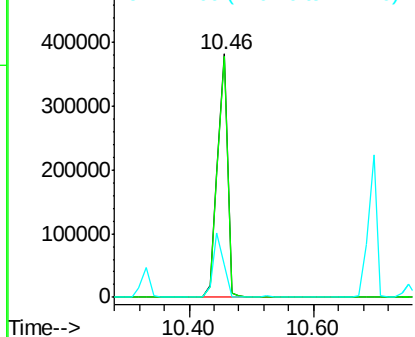
#41
 2,4,6-Tribromophenol
 Concen: 85.53 ng
 RT: 10.46 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF089943.D
 Acq: 31 Aug 2016 11:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 421379
 Ion Ratio Lower Upper
 330 100
 332 98.4 78.6 117.8
 141 28.1 23.3 34.9

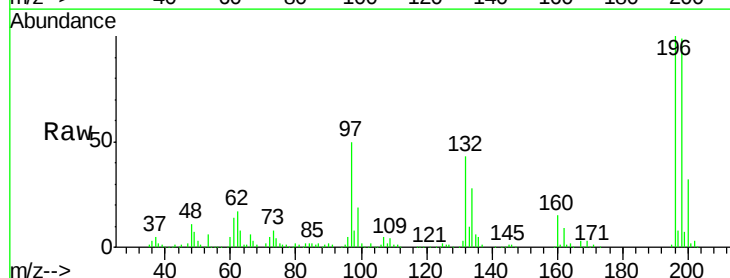


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

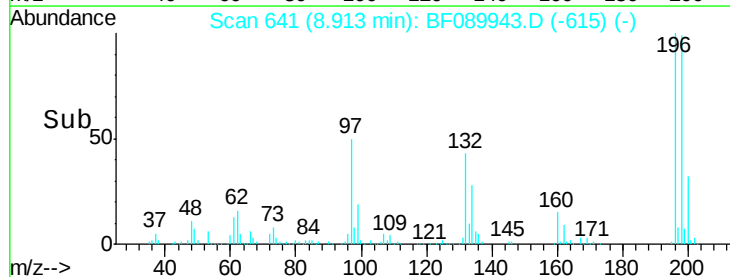
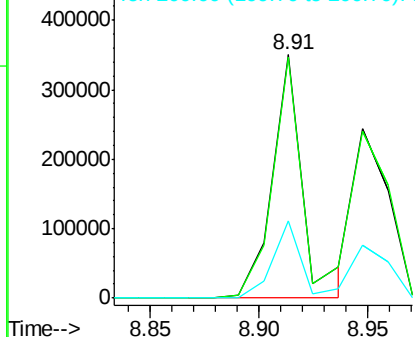


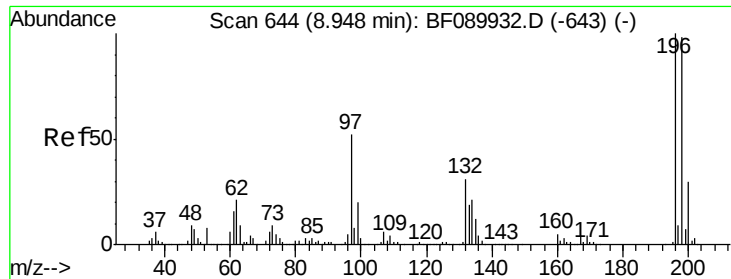
#42
 2,4,6-Trichlorophenol
 Concen: 33.94 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF089943.D
 Acq: 31 Aug 2016 11:51

Tgt Ion:196 Resp: 344089
 Ion Ratio Lower Upper
 196 100
 198 99.0 78.3 117.5
 200 31.9 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

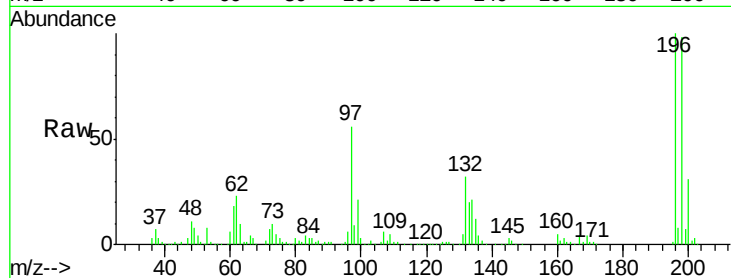




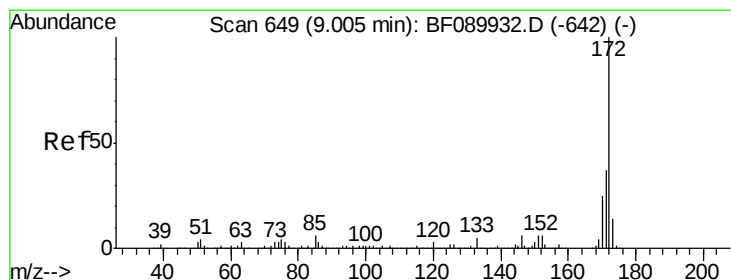
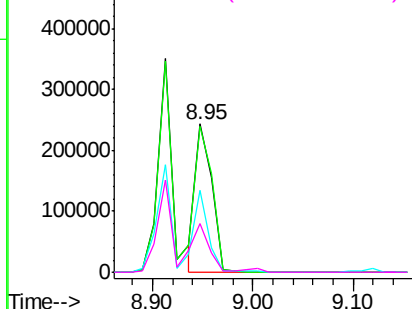
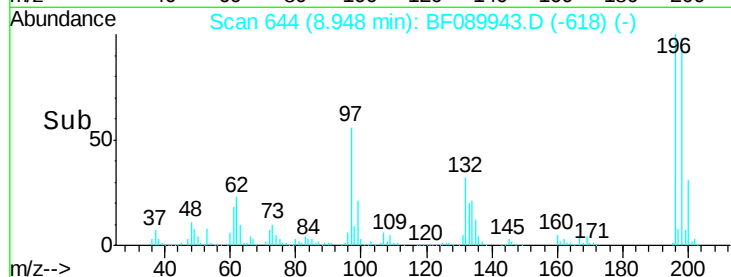
#43
 2,4,5-Trichlorophenol
 Concen: 28.61 ng
 RT: 8.95 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: BF089943.D
 Acq: 31 Aug 2016 11:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	278928
Ion	Ratio	Lower	Upper
196	100		
198	98.4	80.8	121.2
97	55.7	44.2	66.4
132	32.5	25.8	38.6

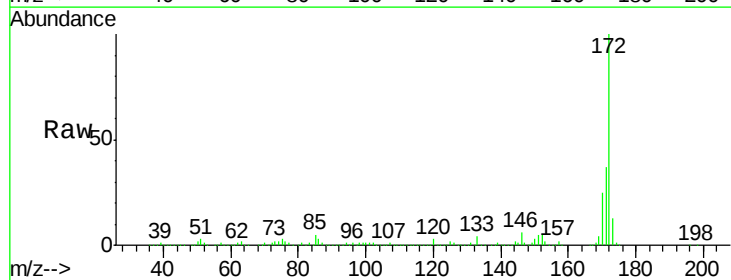


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

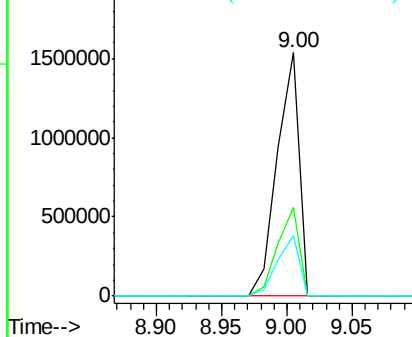
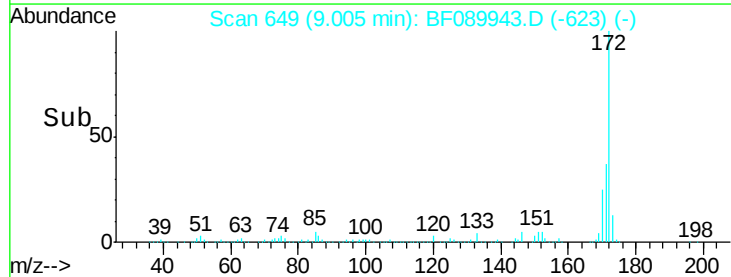


#44
 2-Fluorobiphenyl
 Concen: 59.85 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF089943.D
 Acq: 31 Aug 2016 11:51

Tgt Ion:	172	Resp:	1820646
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.2
170	24.9	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

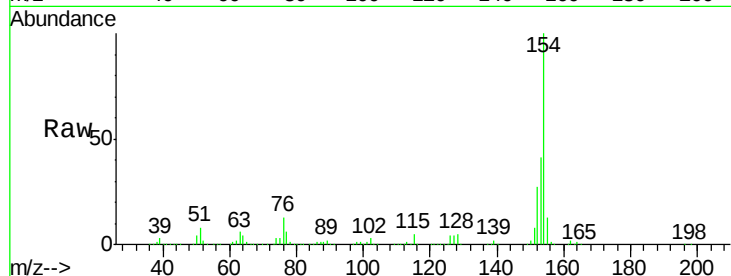




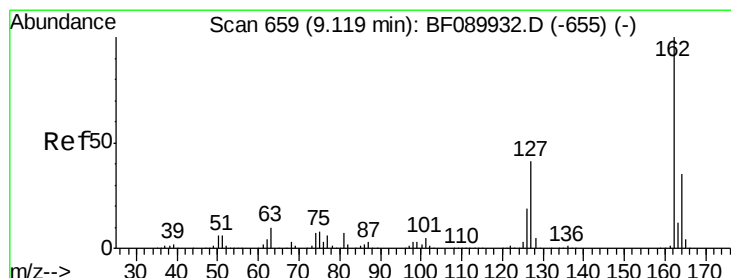
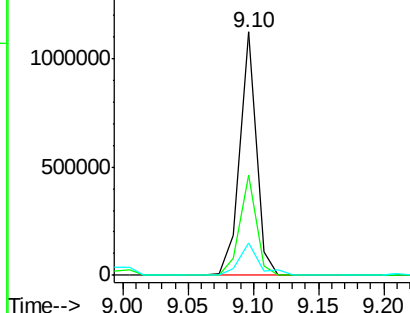
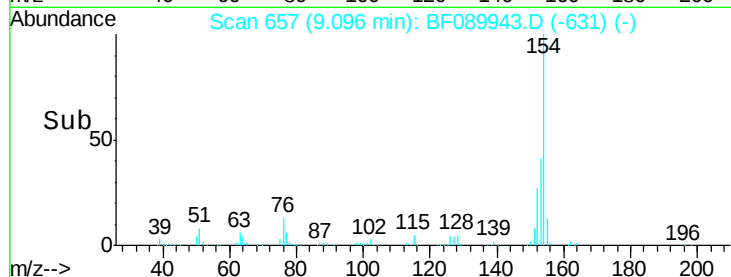
#45
 1,1'-Biphenyl
 Concen: 24.40 ng
 RT: 9.10 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF089943.D
 Acq: 31 Aug 2016 11:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	154	Resp:	981051
Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.6	60.6
76	13.4	0.0	34.9

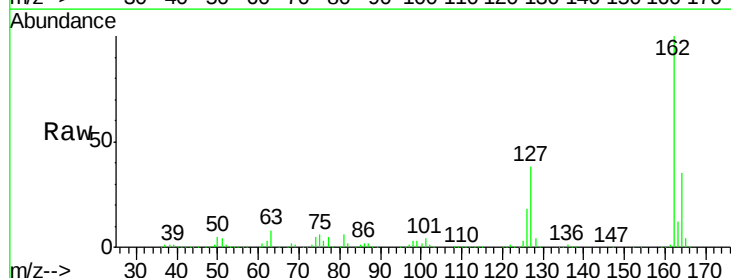


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

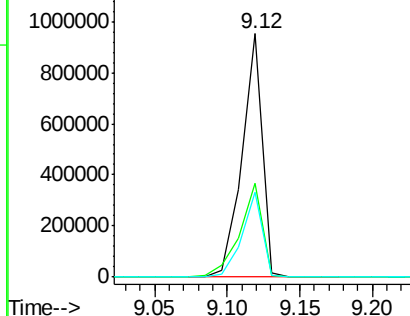
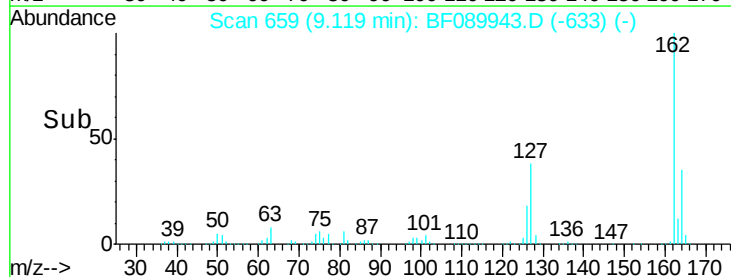


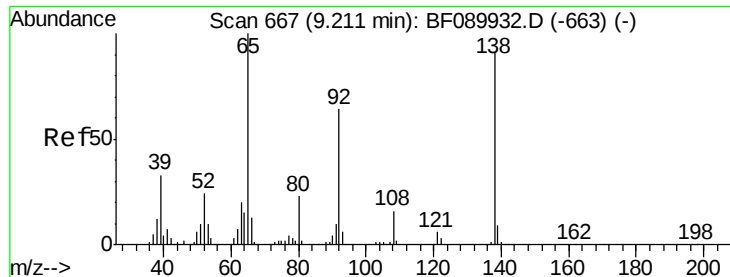
#46
 2-Chloronaphthalene
 Concen: 32.34 ng
 RT: 9.12 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: BF089943.D
 Acq: 31 Aug 2016 11:51

Tgt Ion:	162	Resp:	919844
Ion	Ratio	Lower	Upper
162	100		
127	38.3	33.5	50.3
164	34.6	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: 27.68 ng

RT: 9.21 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

Instrument :

BNA_F

ClientSampleId :

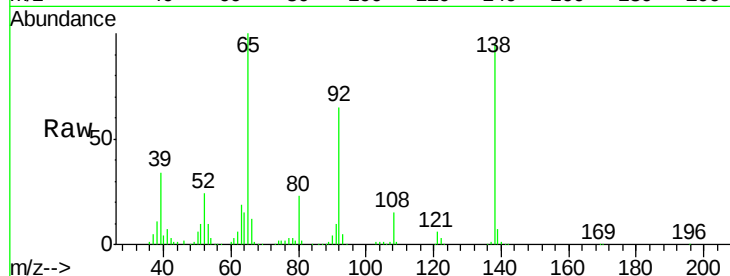
Tot Ion: 65 Resp: 257416

Ion Ratio Lower Upper

65 100

92 65.0 52.0 78.0

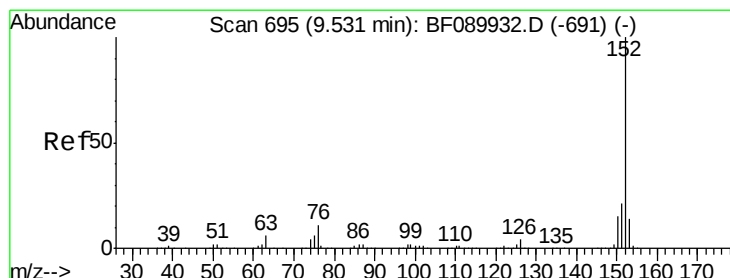
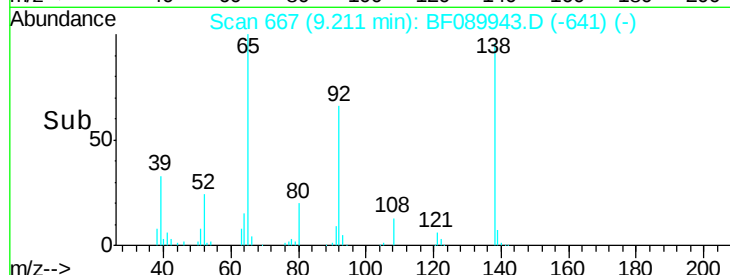
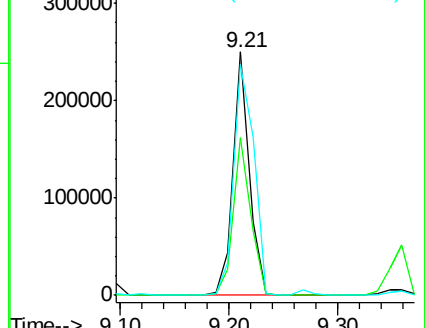
138 94.8 72.1 108.1



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: 29.60 ng

RT: 9.53 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

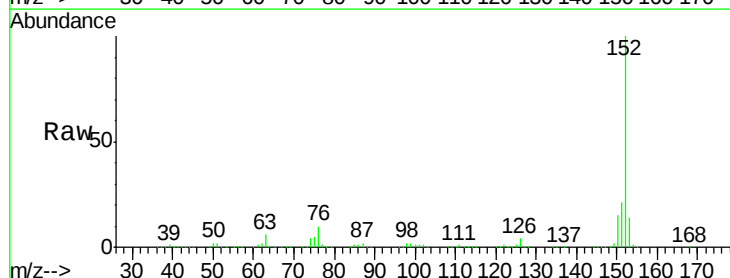
Tgt Ion: 152 Resp: 1392008

Ion Ratio Lower Upper

152 100

151 20.6 16.7 25.1

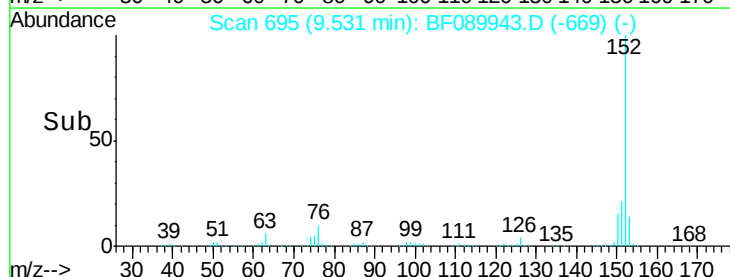
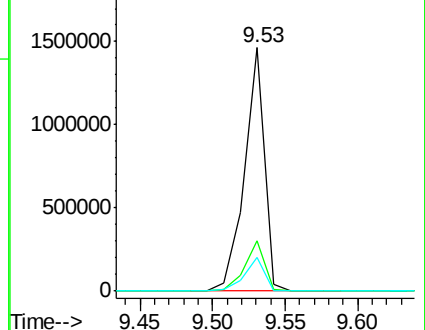
153 14.0 11.6 17.4

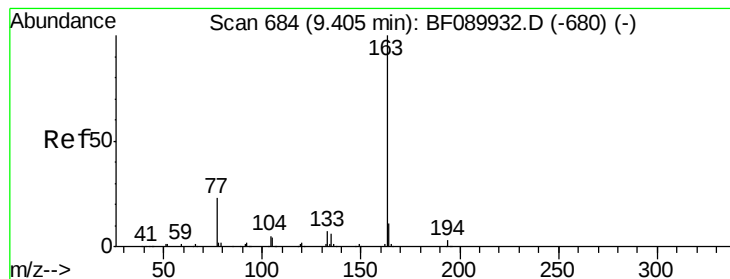


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 39.68 ng

RT: 9.40 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

Instrument :

BNA_F

ClientSampleId :

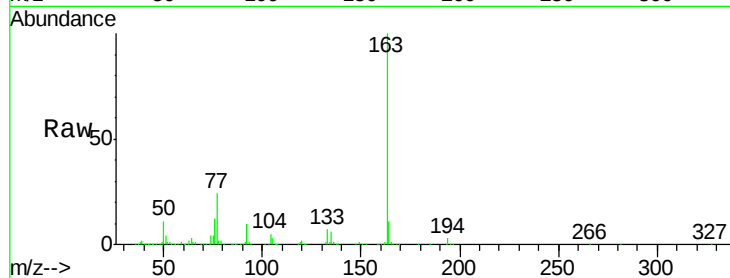
Tot Ion:163 Resp: 1432058

Ion Ratio Lower Upper

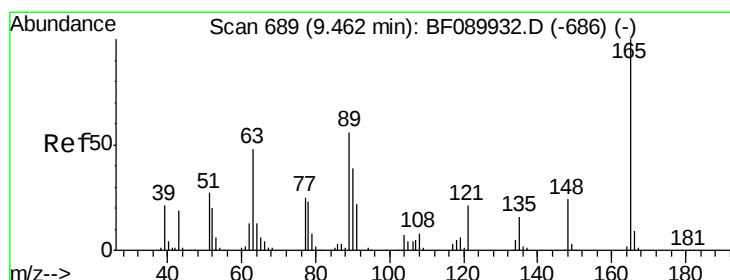
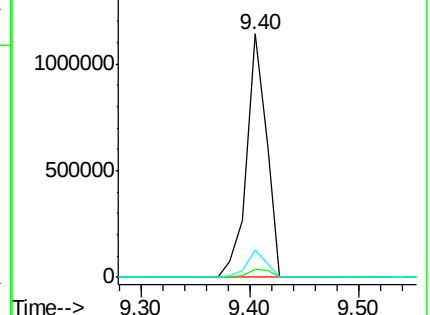
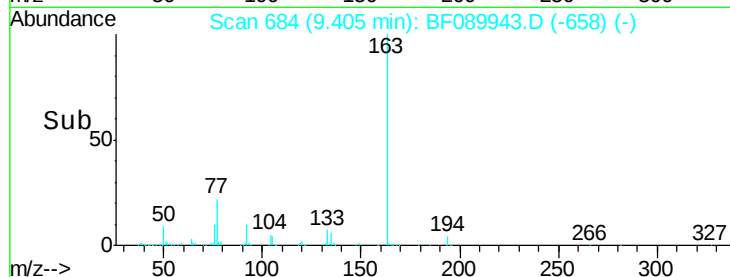
163 100

194 3.5 2.7 4.1

164 11.1 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: 29.87 ng

RT: 9.46 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

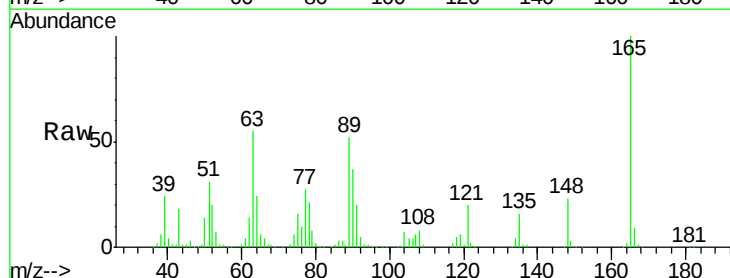
Tgt Ion:165 Resp: 239826

Ion Ratio Lower Upper

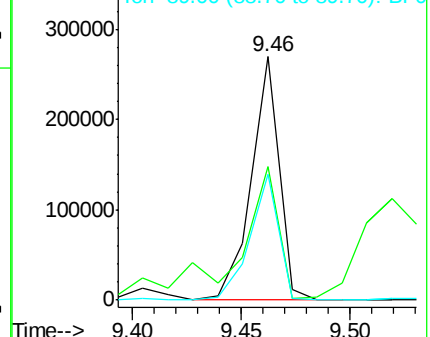
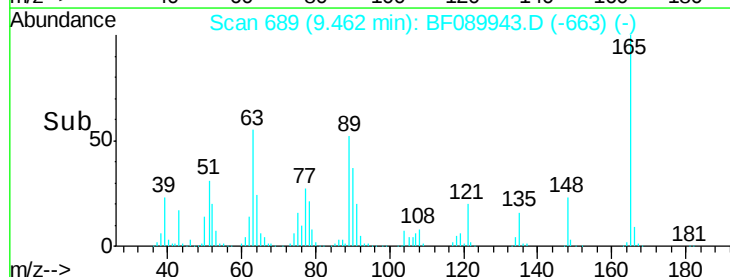
165 100

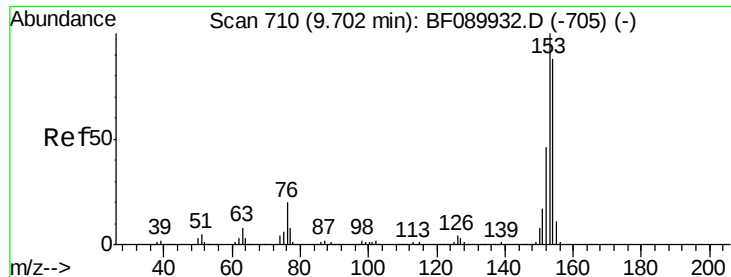
63 54.7 45.0 67.4

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: 30.19 ng

RT: 9.70 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

Instrument :

BNA_F

ClientSampleId :

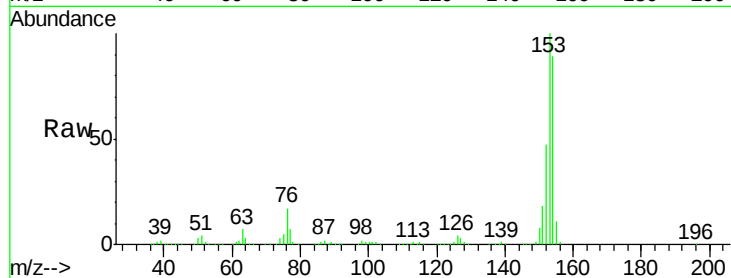
Tot Ion:154 Resp: 899640

Ion Ratio Lower Upper

154 100

153 112.4 90.6 135.8

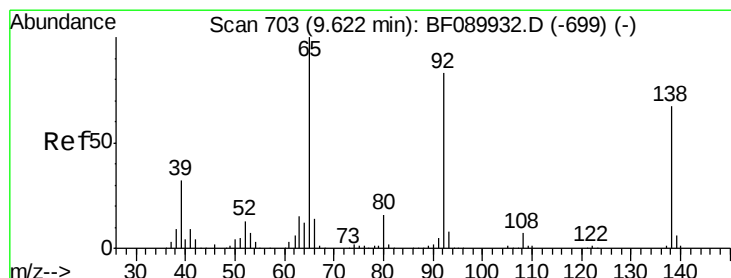
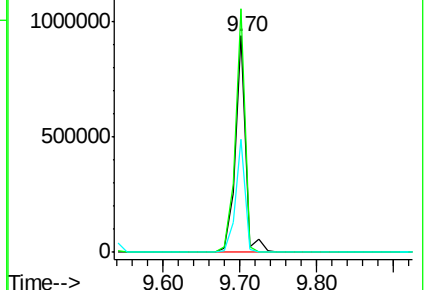
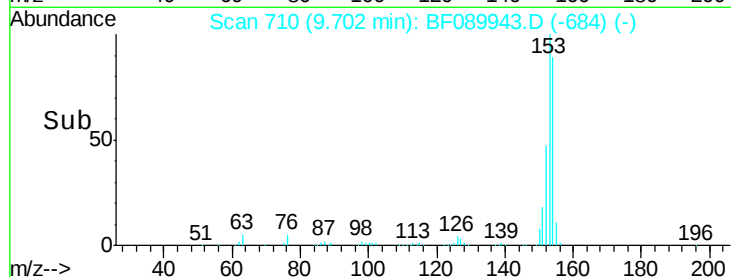
152 52.4 42.4 63.6



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: 22.05 ng

RT: 9.62 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

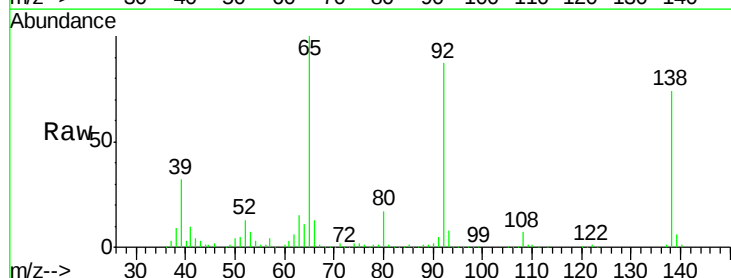
Tgt Ion:138 Resp: 201898

Ion Ratio Lower Upper

138 100

108 9.8 8.3 12.5

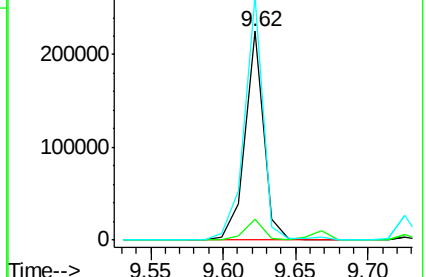
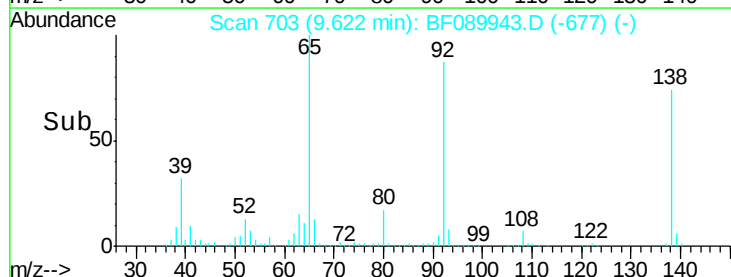
92 116.8 99.1 148.7

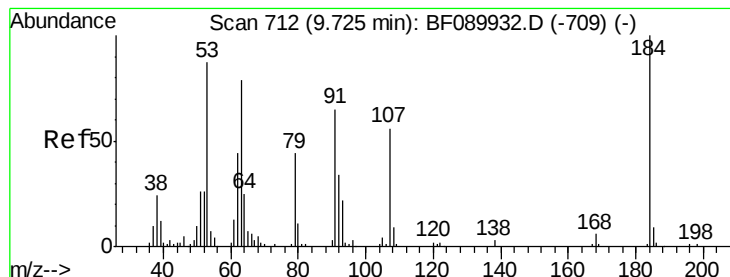


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 24.46 ng

RT: 9.72 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

Instrument :

BNA_F

ClientSampleId :

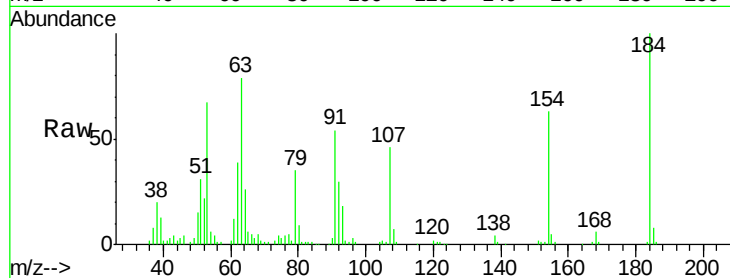
Tot Ion:184 Resp: 79631

Ion Ratio Lower Upper

184 100

63 79.0 73.9 110.9

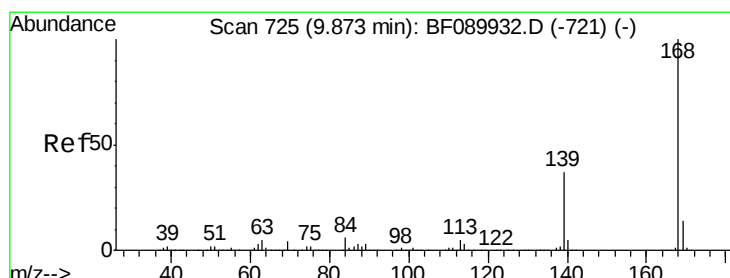
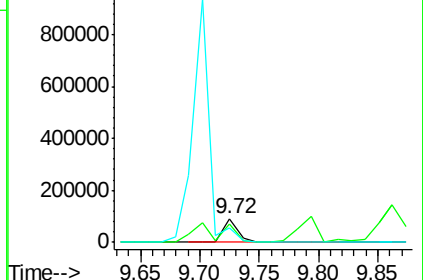
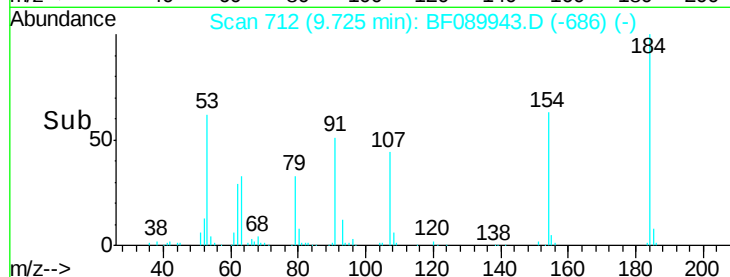
154 62.6 53.5 80.3



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: 32.64 ng

RT: 9.87 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

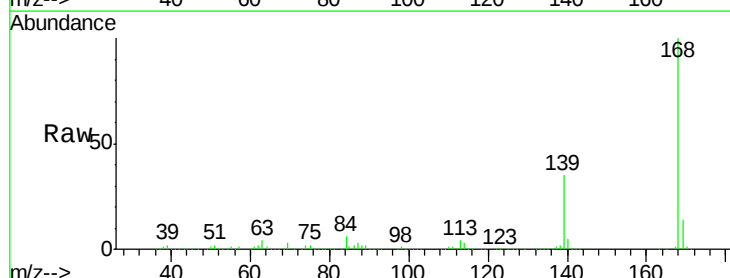
Tgt Ion:168 Resp: 1303430

Ion Ratio Lower Upper

168 100

139 35.3 29.5 44.3

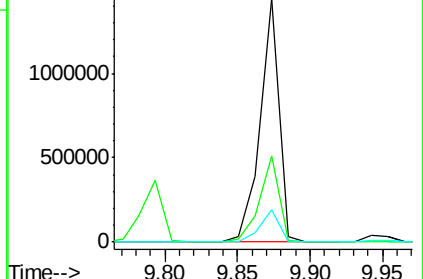
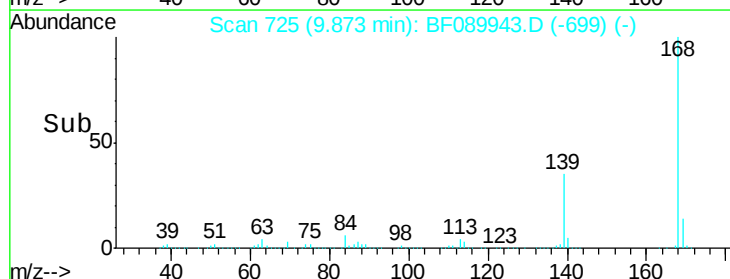
169 13.6 10.8 16.2



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: 55.08 ng

RT: 9.79 min Scan# 718

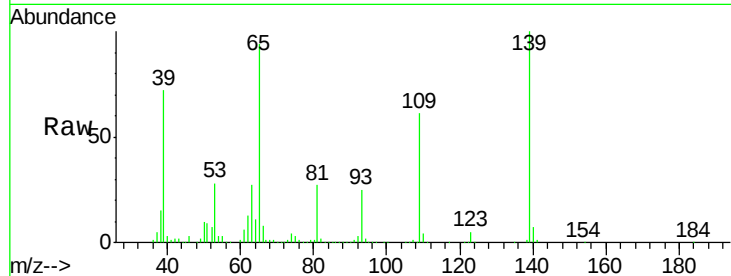
Delta R.T. 0.00 min

Lab File: BF089943.D

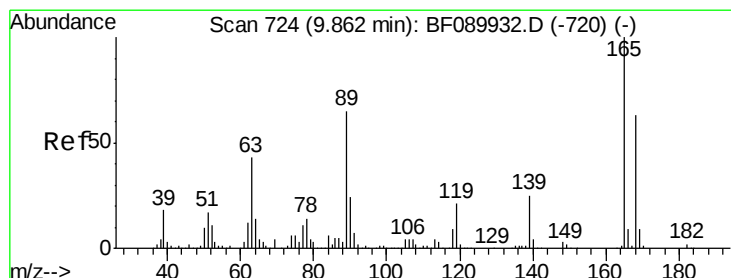
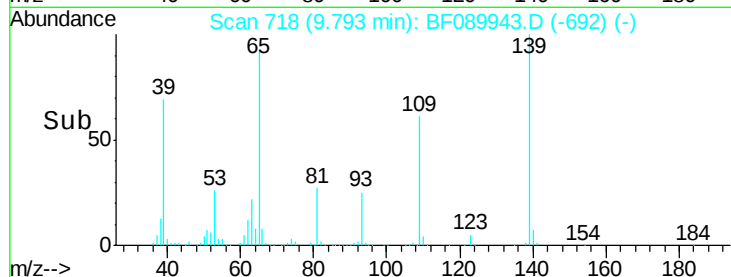
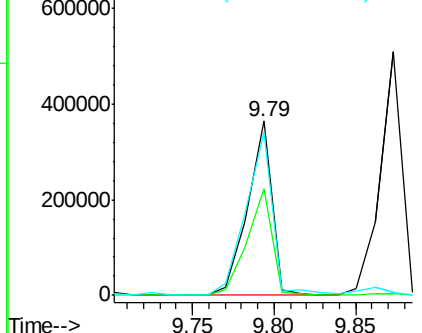
Acq: 31 Aug 2016 11:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 380362
Ion Ratio Lower Upper
139 100
109 61.0 31.3 71.3
65 93.9 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: 33.82 ng

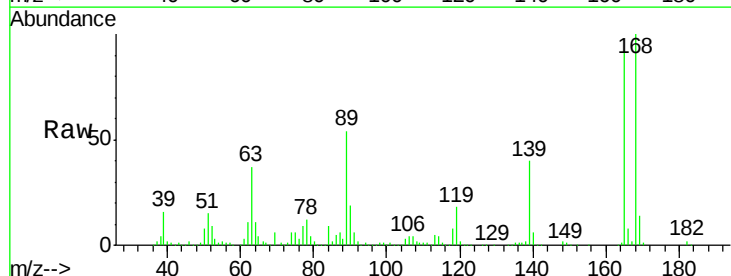
RT: 9.86 min Scan# 724

Delta R.T. 0.00 min

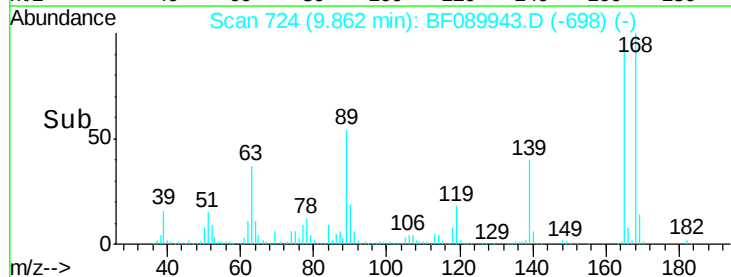
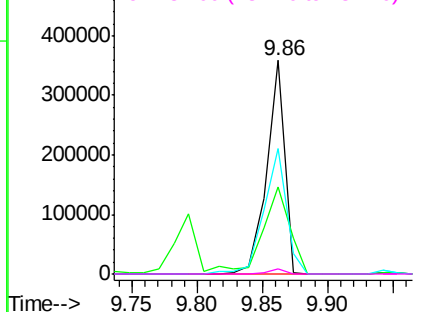
Lab File: BF089943.D

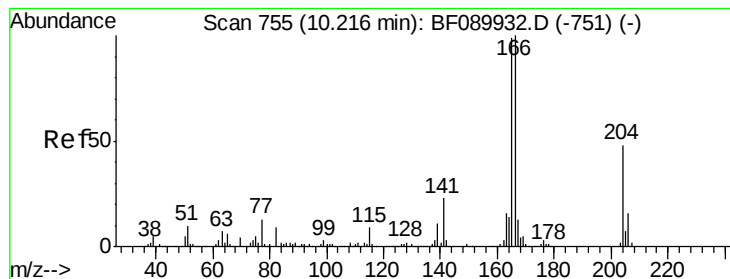
Acq: 31 Aug 2016 11:51

Tgt Ion:165 Resp: 344306
Ion Ratio Lower Upper
165 100
63 40.7 32.5 48.7
89 58.9 48.3 72.5
182 2.2 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: 32.45 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

Instrument :

BNA_F

ClientSampleId :

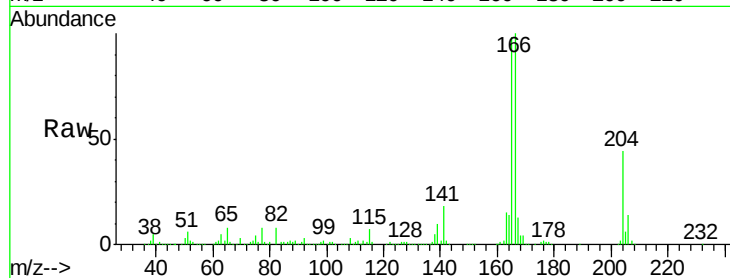
Tot Ion:166 Resp: 946824

Ion Ratio Lower Upper

166 100

165 98.5 78.6 118.0

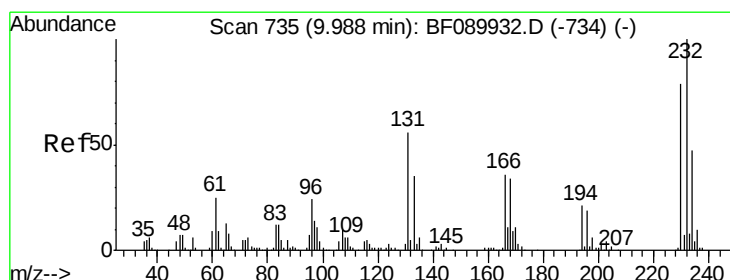
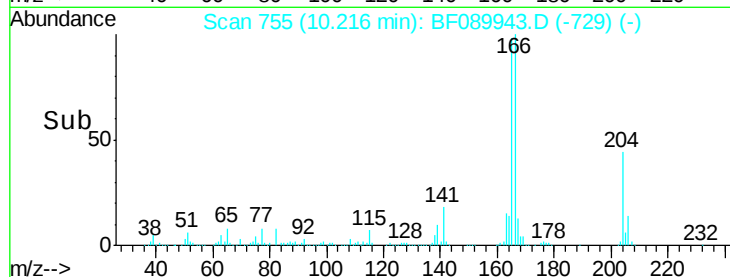
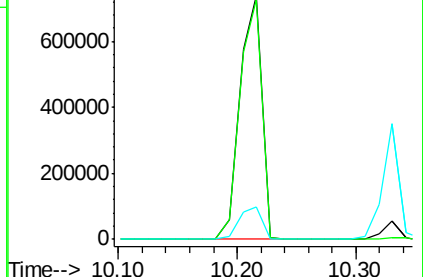
167 13.2 10.6 15.8



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: 30.26 ng

RT: 9.99 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

Tgt Ion:232 Resp: 252600

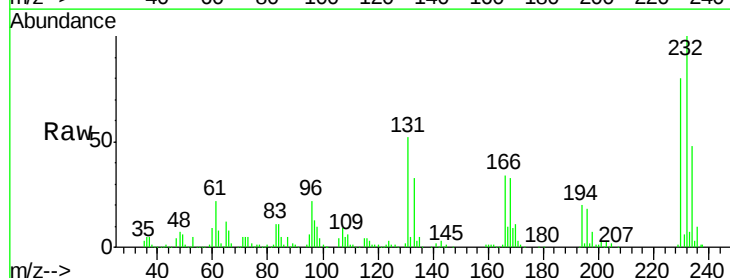
Ion Ratio Lower Upper

232 100

131 45.5 36.3 54.5

130 2.0 1.7 2.5

166 30.3 24.4 36.6

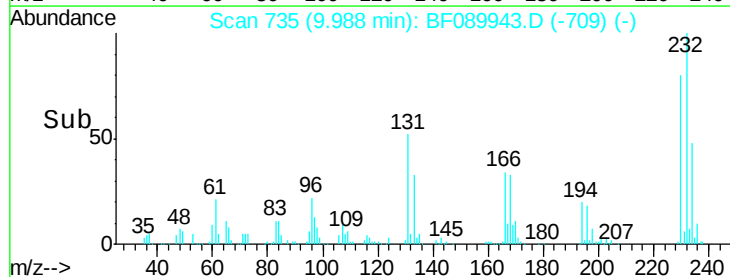
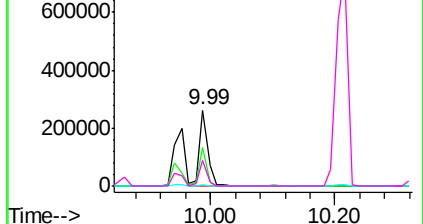


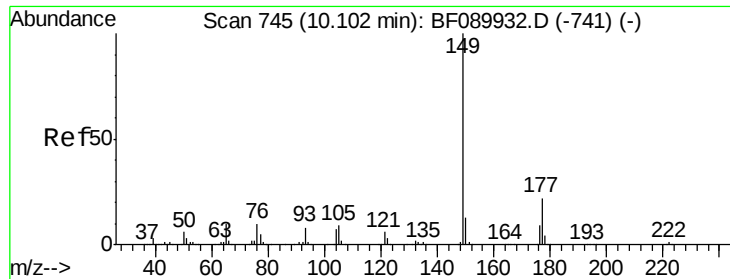
Abundance Ion 232.00 (231.70 to 232.70): E

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

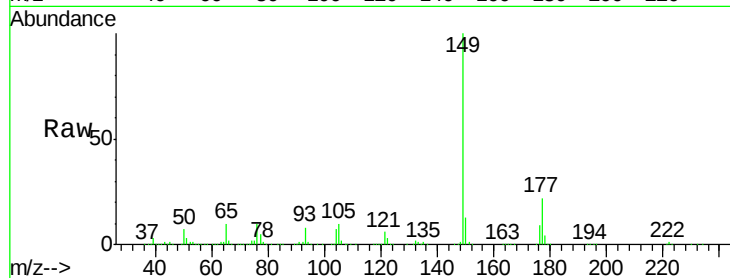




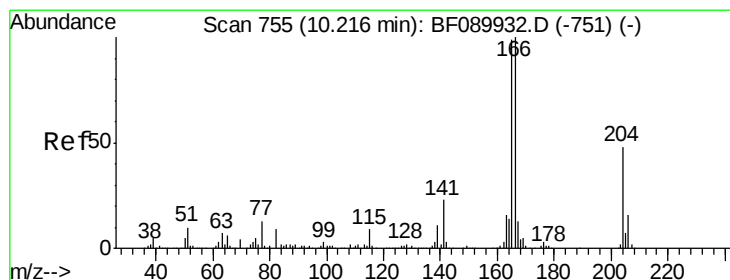
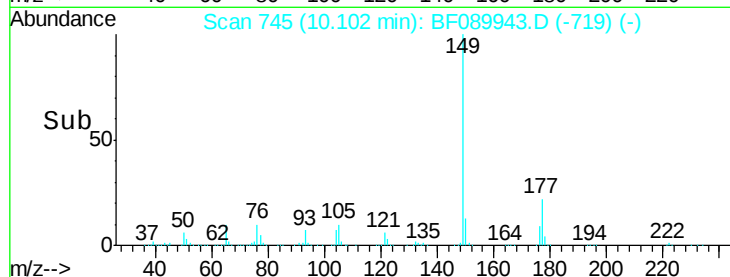
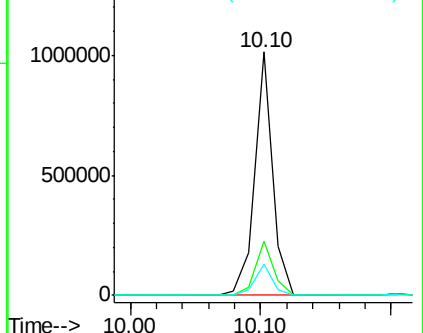
#59
Diethylphthalate
Concen: 28.65 ng
RT: 10.10 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF089943.D
Acq: 31 Aug 2016 11:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 972868
Ion Ratio Lower Upper
149 100
177 22.4 17.7 26.5
150 12.7 10.2 15.2

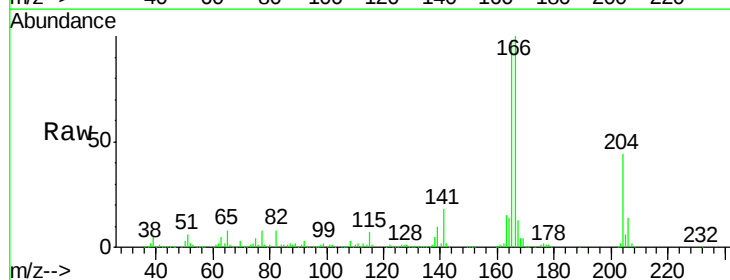


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

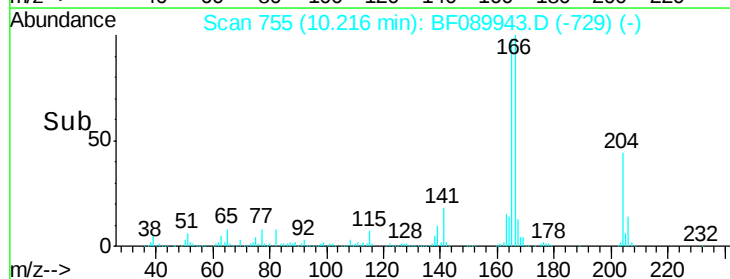
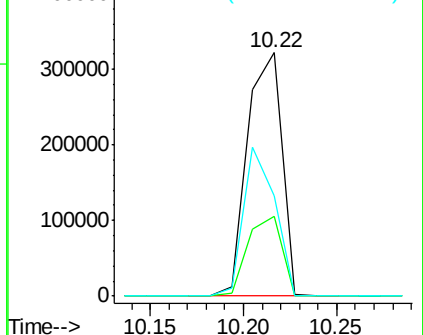


#60
4-Chlorophenyl-phenylether
Concen: 30.35 ng
RT: 10.22 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF089943.D
Acq: 31 Aug 2016 11:51

Tgt Ion:204 Resp: 416659
Ion Ratio Lower Upper
204 100
206 33.0 26.6 40.0
141 41.3 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: 26.70 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

Instrument :

BNA_F

ClientSampleId :

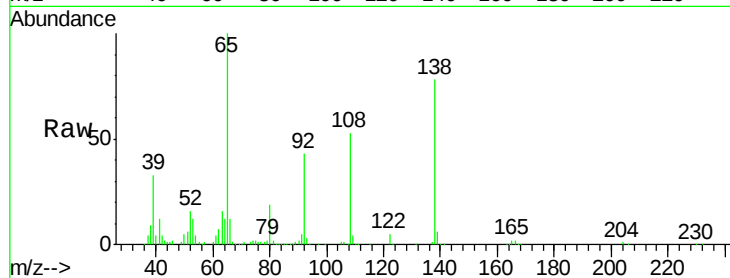
Tot Ion:138 Resp: 240173

Ion Ratio Lower Upper

138 100

92 54.7 21.2 61.2

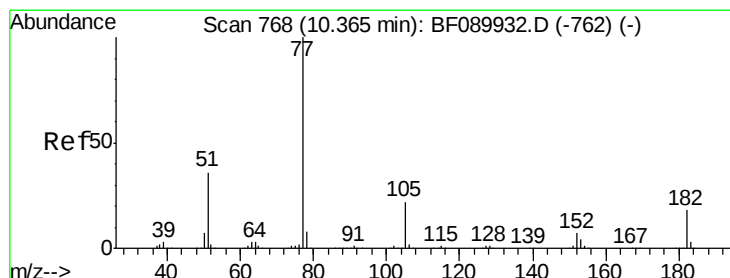
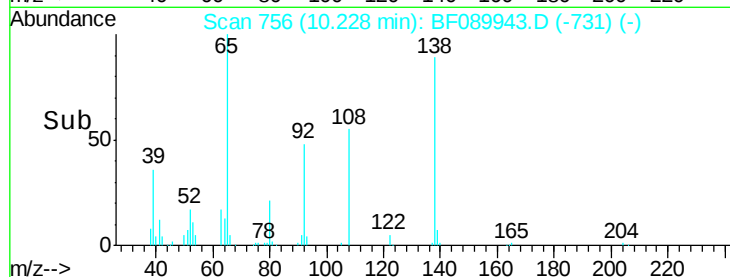
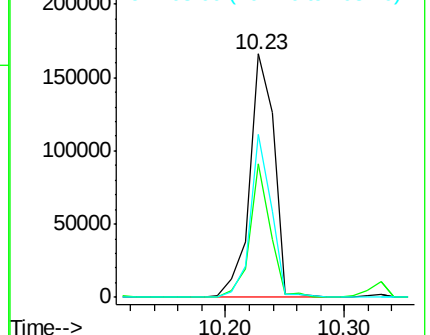
108 67.1 37.7 77.7



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: 30.91 ng

RT: 10.36 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

Tgt Ion: 77 Resp: 1048321

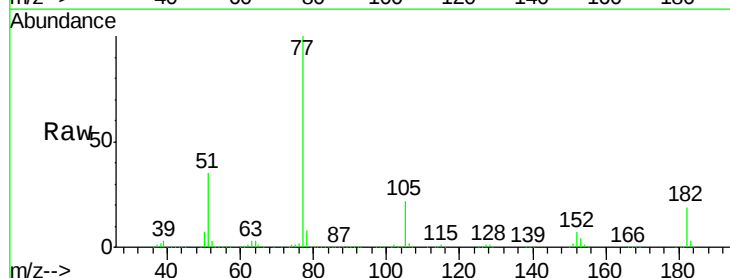
Ion Ratio Lower Upper

77 100

182 19.3 0.0 38.6

105 22.2 2.3 42.3

51 35.2 15.1 55.1

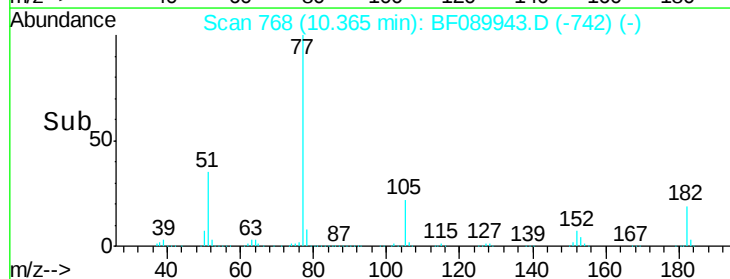
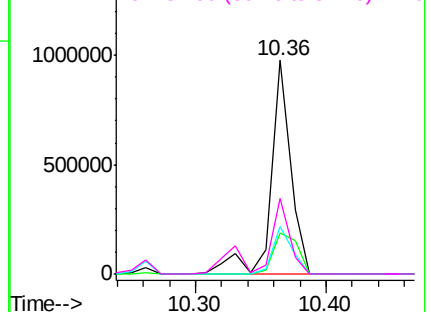


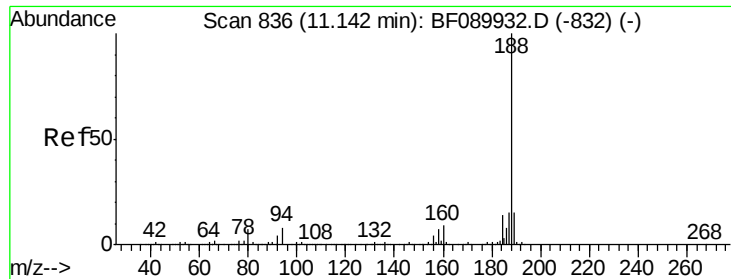
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

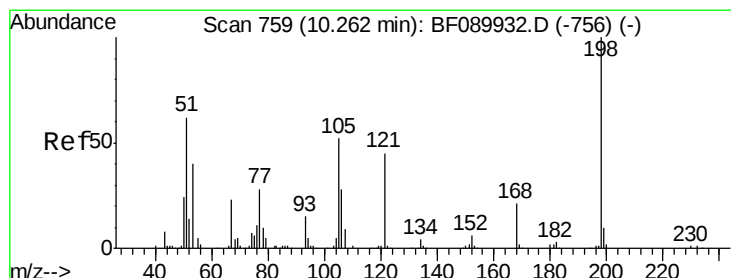
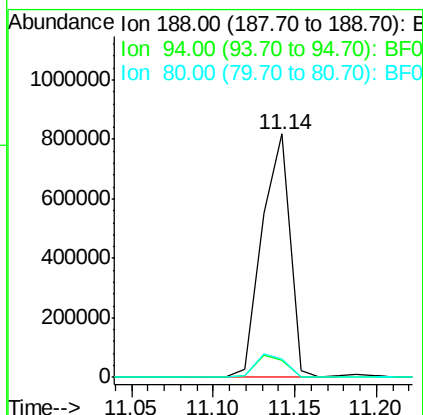
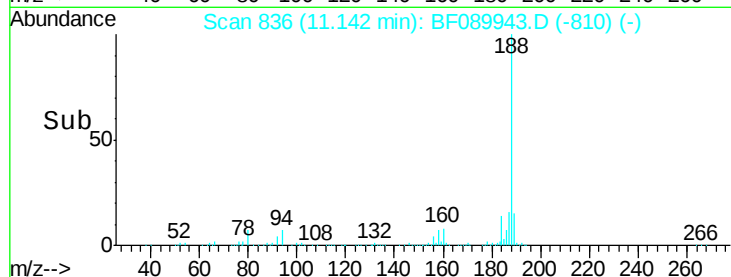
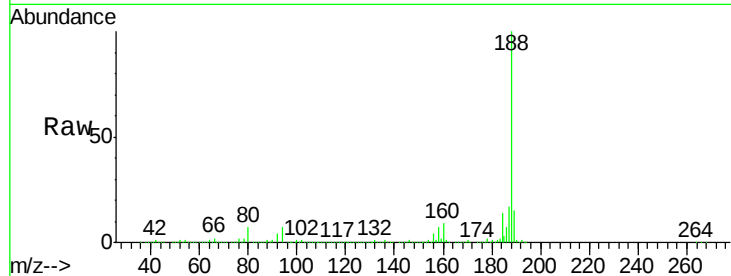




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF089943.D
Acq: 31 Aug 2016 11:51

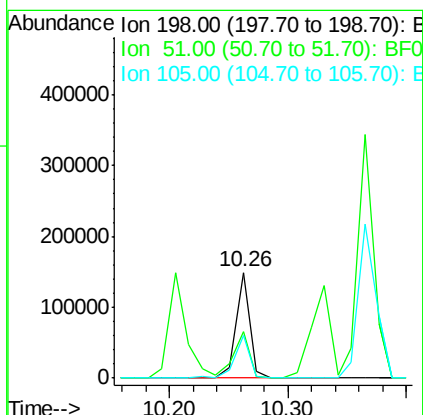
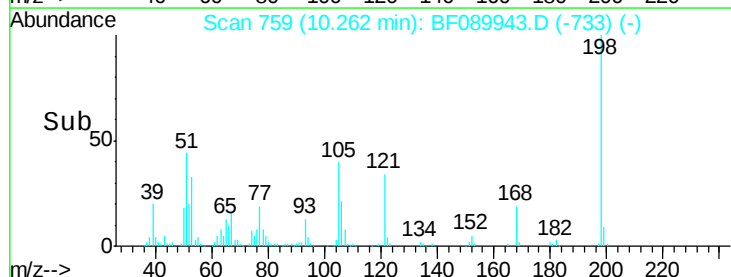
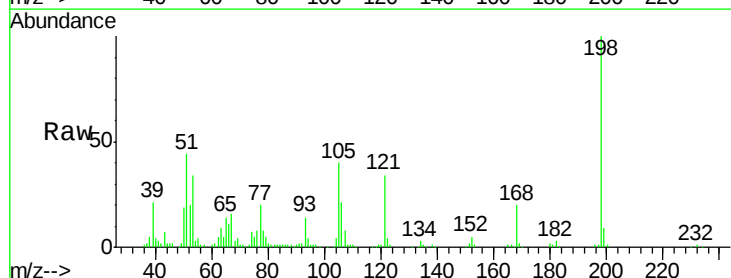
Instrument :
BNA_F
ClientSampleId :

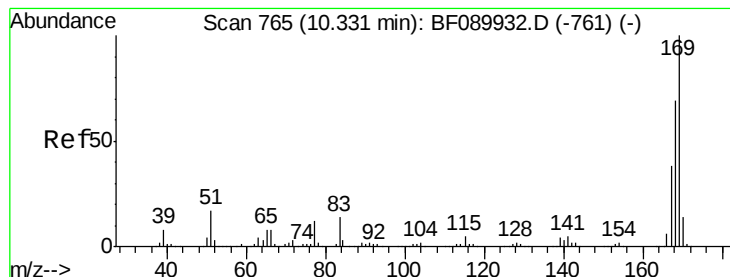
Tot Ion:188 Resp: 980286
Ion Ratio Lower Upper
188 100
94 7.2 5.9 8.9
80 7.3 5.8 8.8



#64
4,6-Dinitro-2-methylphenol
Concen: 19.26 ng
RT: 10.26 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF089943.D
Acq: 31 Aug 2016 11:51

Tgt Ion:198 Resp: 120862
Ion Ratio Lower Upper
198 100
51 44.3 43.0 83.0
105 40.1 30.3 70.3

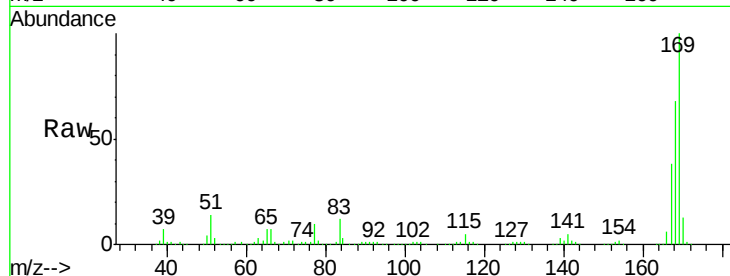




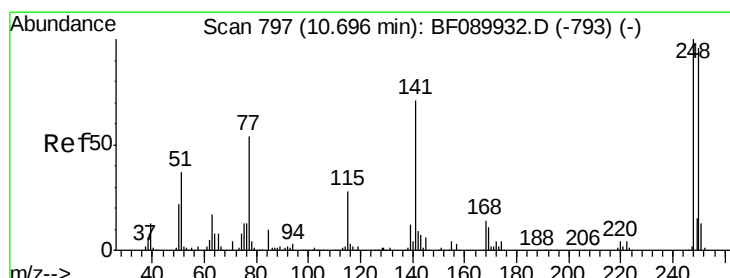
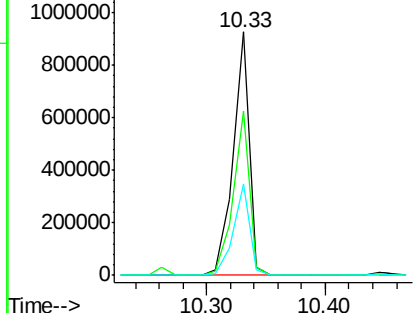
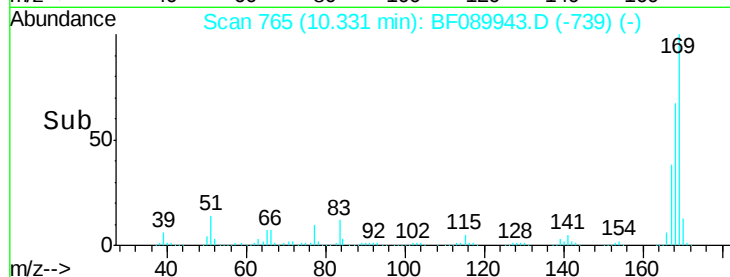
#65
 n-Nitrosodiphenylamine
 Concen: 29.68 ng
 RT: 10.33 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BF089943.D
 Acq: 31 Aug 2016 11:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	169	Resp	874835
Ion Ratio	100	Lower	Upper
169	100		
168	67.5	55.0	82.4
167	37.7	30.5	45.7

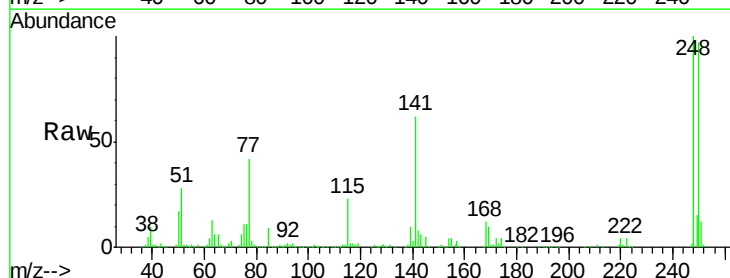


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

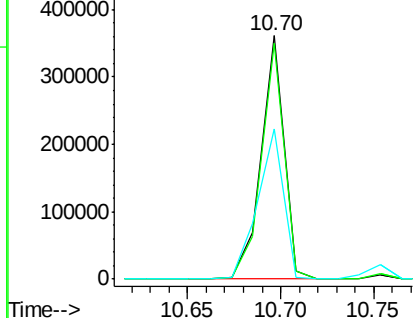
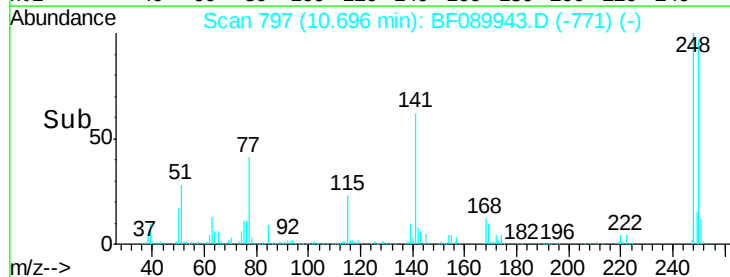


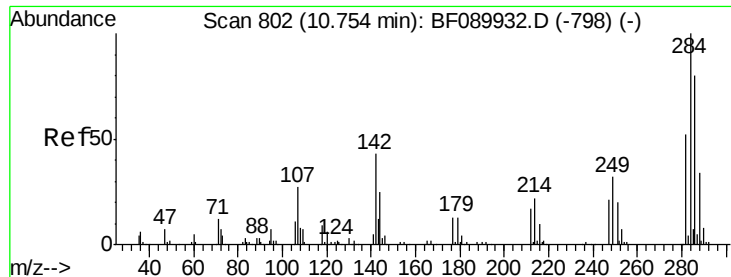
#66
 4-Bromophenyl-phenylether
 Concen: 30.91 ng
 RT: 10.70 min Scan# 797
 Delta R.T. 0.00 min
 Lab File: BF089943.D
 Acq: 31 Aug 2016 11:51

Tgt Ion	248	Resp	305084
Ion Ratio	100	Lower	Upper
248	100		
250	96.9	77.3	115.9
141	61.7	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

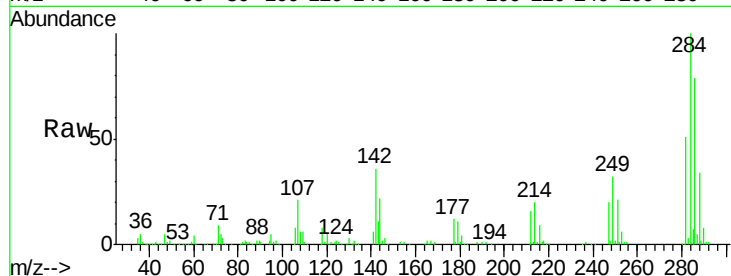




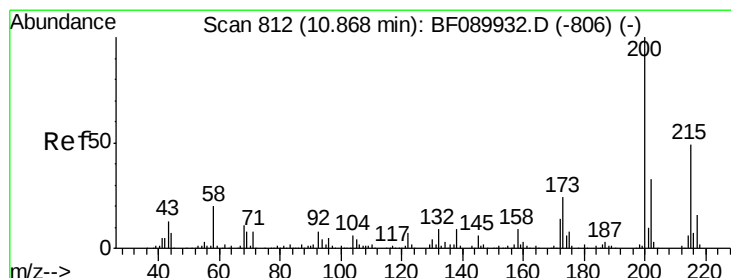
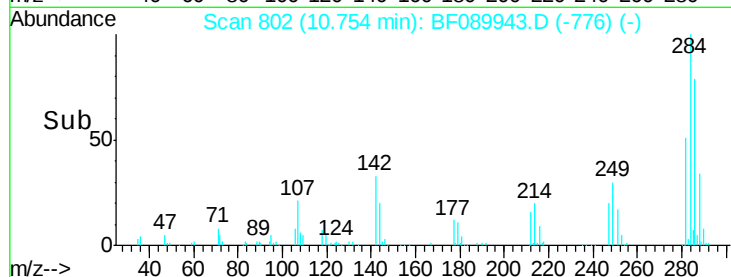
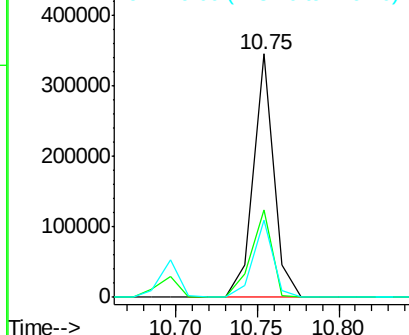
#67
Hexachlorobenzene
Concen: 26.61 ng
RT: 10.75 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF089943.D
Acq: 31 Aug 2016 11:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 300011
Ion Ratio Lower Upper
284 100
142 36.2 32.7 49.1
249 31.8 26.9 40.3

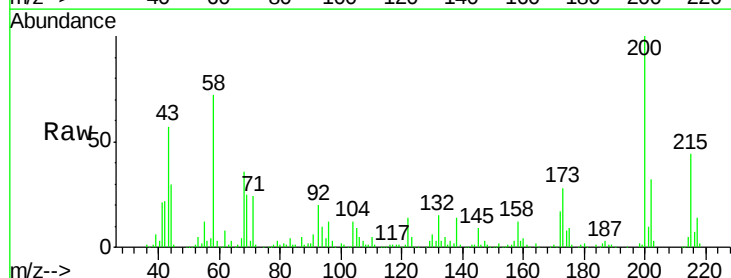


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

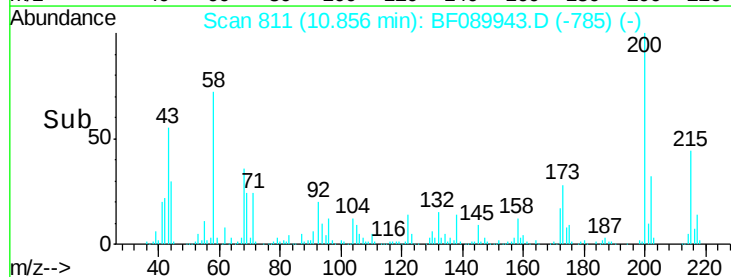
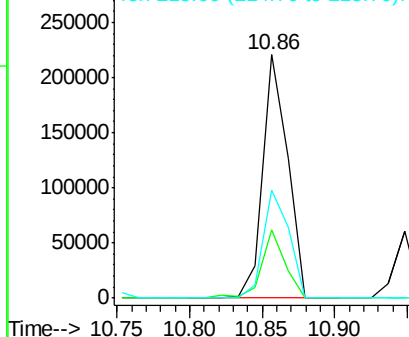


#68
Atrazine
Concen: 26.47 ng
RT: 10.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF089943.D
Acq: 31 Aug 2016 11:51

Tgt Ion:200 Resp: 260431
Ion Ratio Lower Upper
200 100
173 28.1 9.4 49.4
215 44.3 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: 46.11 ng

RT: 10.95 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

Instrument :

BNA_F

ClientSampleId :

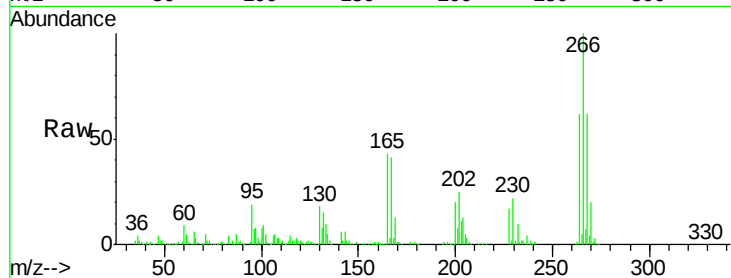
Tot Ion:266 Resp: 279617

Ion Ratio Lower Upper

266 100

268 62.2 51.0 76.6

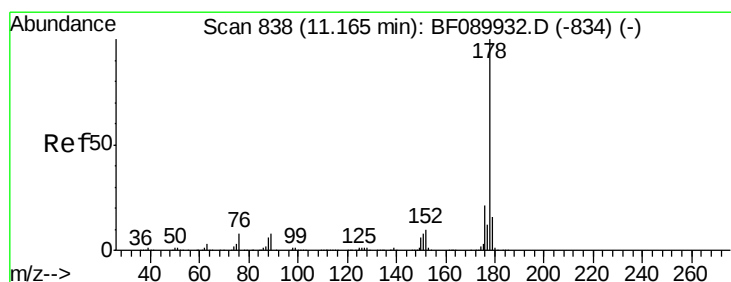
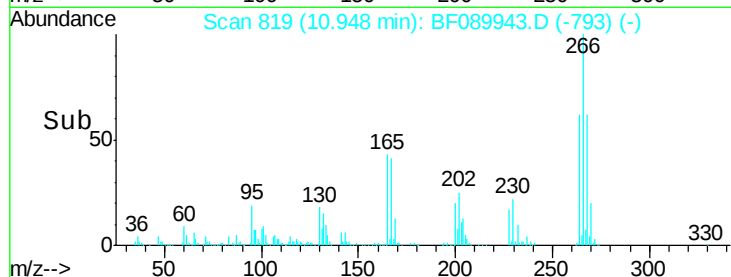
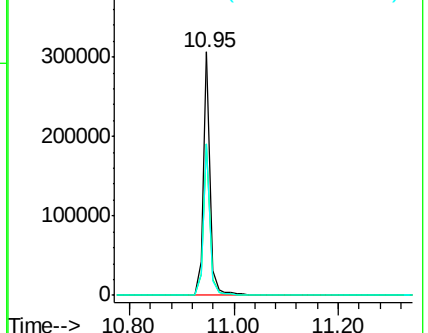
264 62.2 50.6 75.8



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: 30.32 ng

RT: 11.17 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

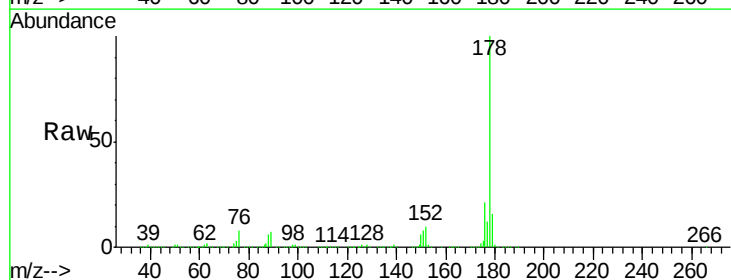
Tgt Ion:178 Resp: 1480343

Ion Ratio Lower Upper

178 100

176 20.5 16.5 24.7

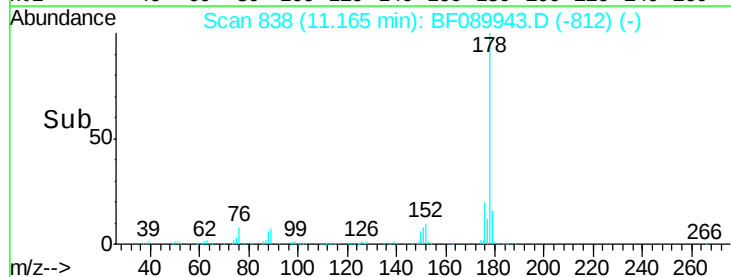
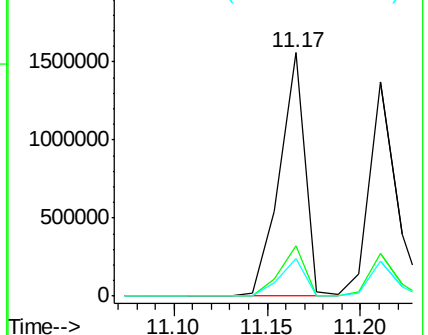
179 15.7 12.8 19.2

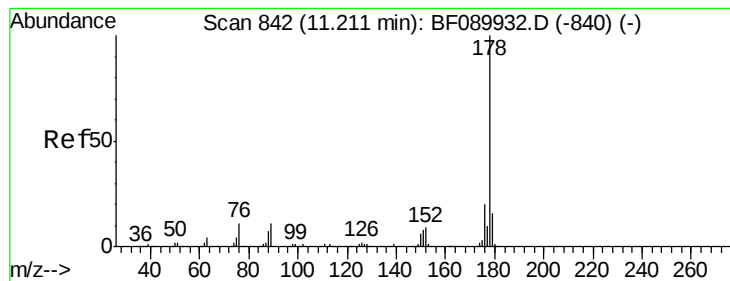


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 26.81 ng

RT: 11.21 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

Instrument :

BNA_F

ClientSampleId :

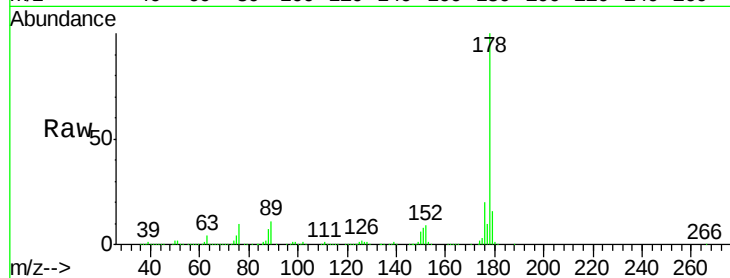
Tot Ion:178 Resp: 1327354

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

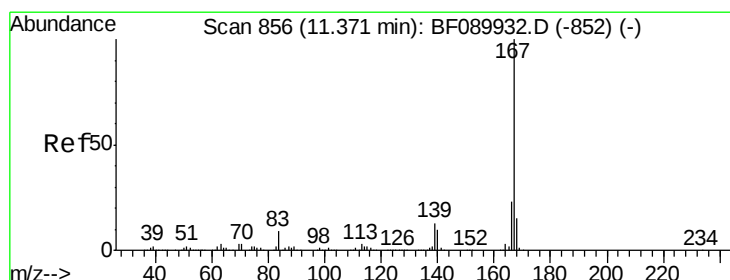
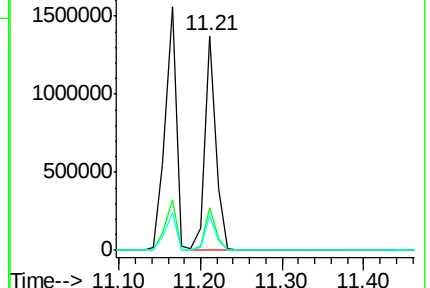
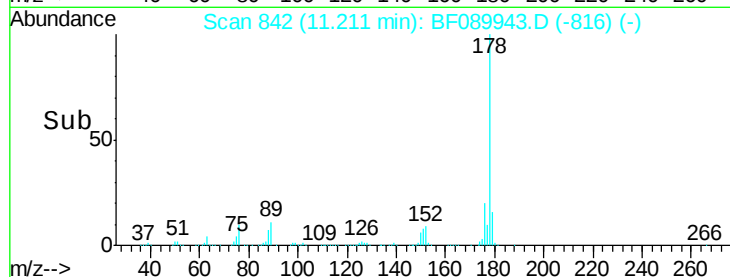
179 16.2 13.0 19.4



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: 29.89 ng

RT: 11.37 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

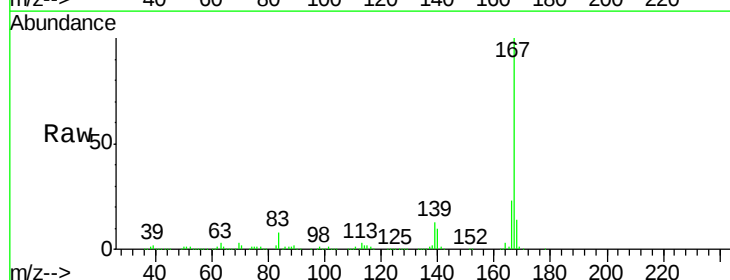
Tgt Ion:167 Resp: 1387651

Ion Ratio Lower Upper

167 100

166 22.6 18.1 27.1

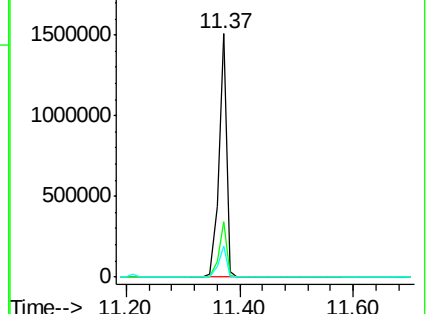
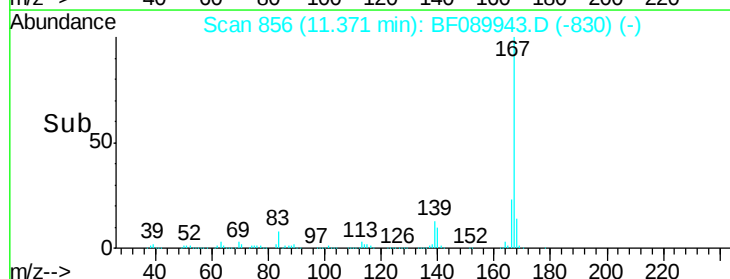
139 12.9 10.4 15.6

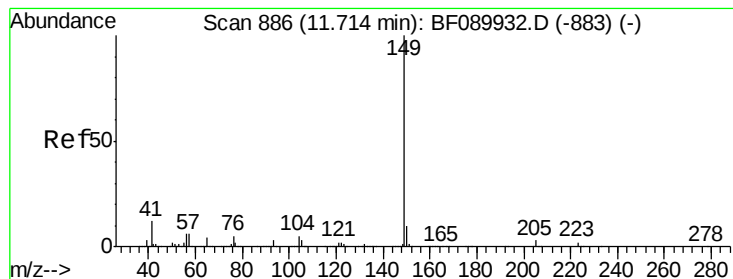


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 28.61 ng

RT: 11.71 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

Instrument :

BNA_F

ClientSampleId :

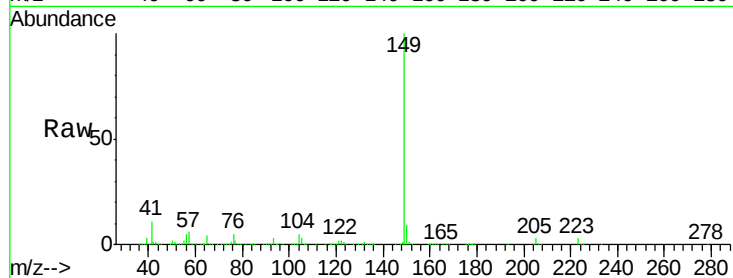
Tot Ion:149 Resp: 1548006

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.8

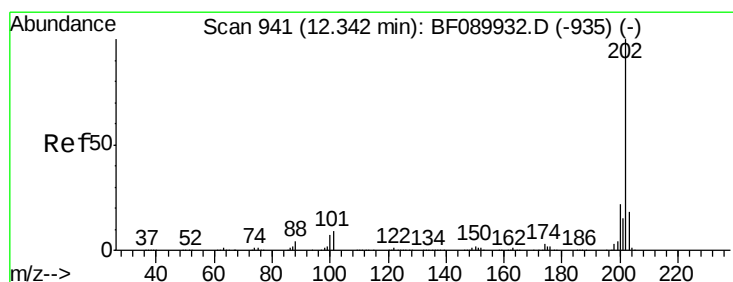
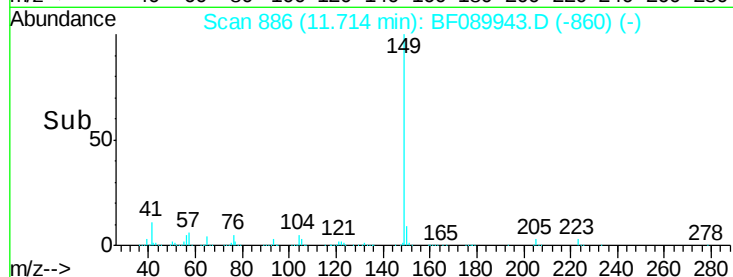
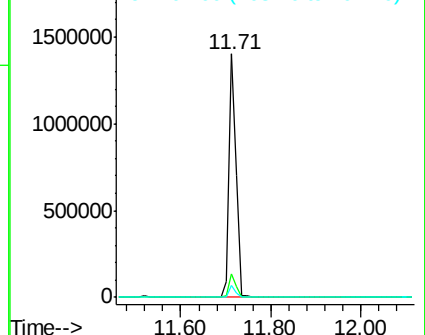
104 4.9 3.9 5.9



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: 29.46 ng

RT: 12.34 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

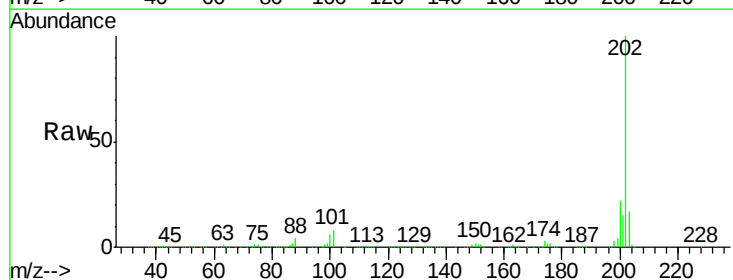
Tgt Ion:202 Resp: 1507269

Ion Ratio Lower Upper

202 100

101 8.1 0.0 28.5

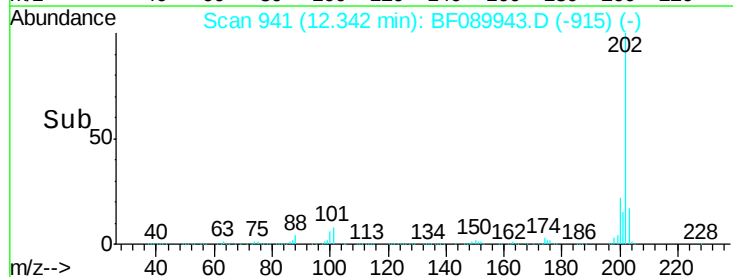
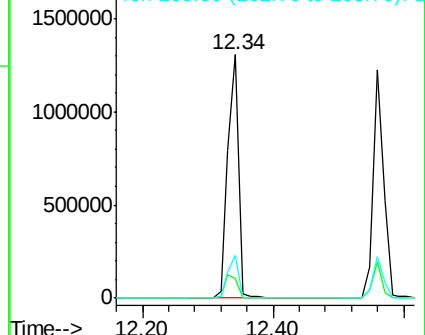
203 17.4 0.0 38.0

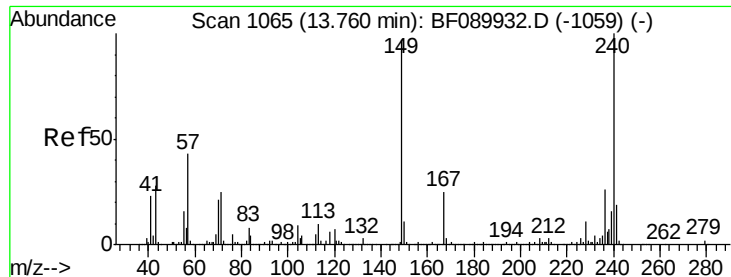


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF089943.D

Acq: 31 Aug 2016 11:51

Instrument :

BNA_F

ClientSampled :

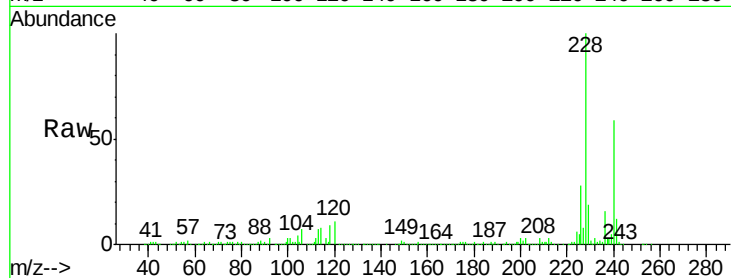
Tot Ion:240 Resp: 606382

Ion Ratio Lower Upper

240 100

120 18.2 5.7 8.5#

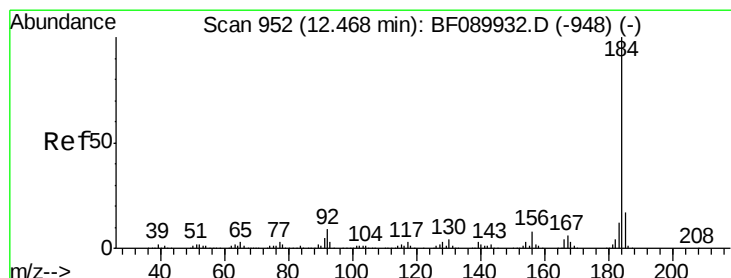
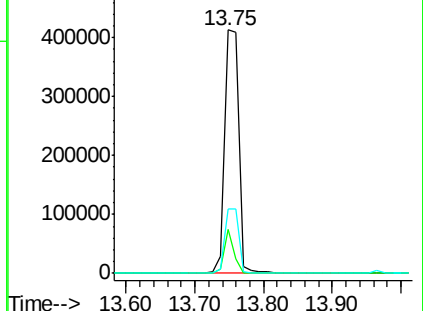
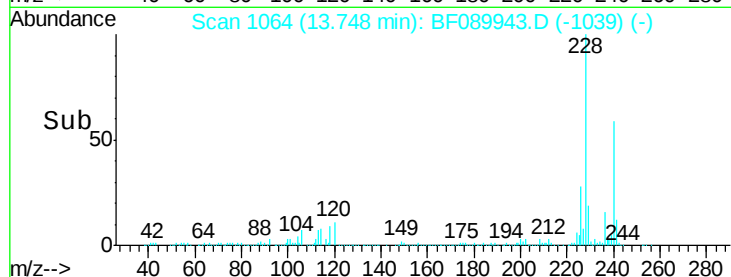
236 26.4 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 16.57 ng

RT: 12.47 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

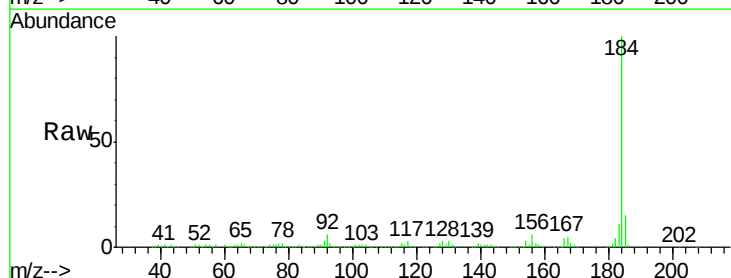
Tgt Ion:184 Resp: 380737

Ion Ratio Lower Upper

184 100

185 14.8 13.8 20.8

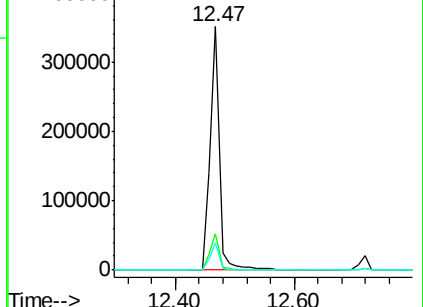
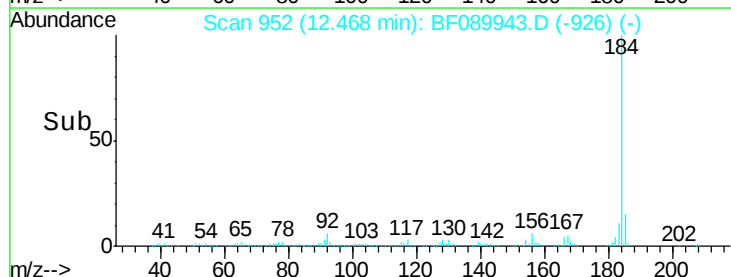
183 11.3 9.6 14.4

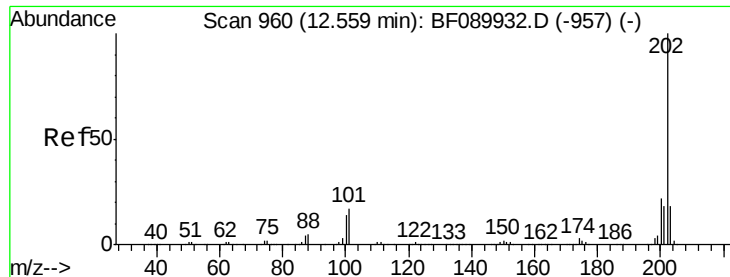


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

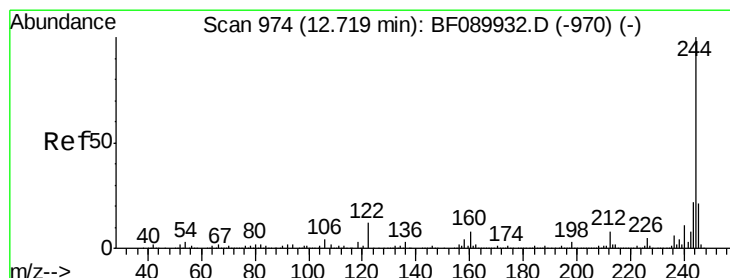
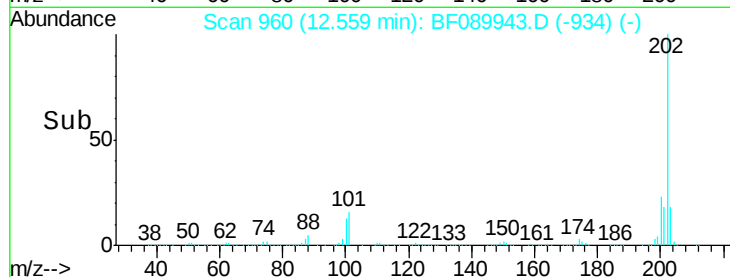
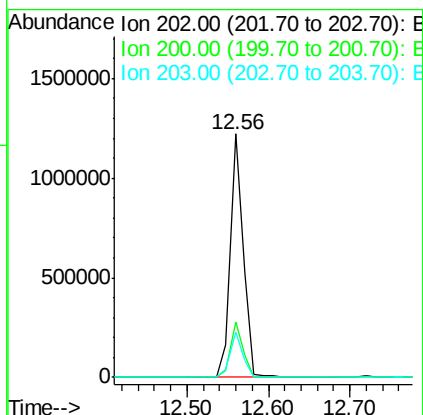
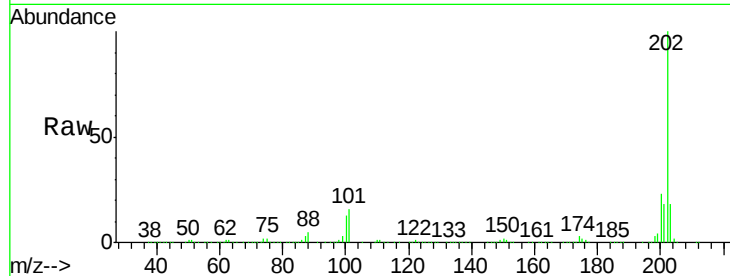




#77
Pvrene
Concen: 31.35 ng
RT: 12.56 min Scan# 960
Delta R.T. 0.00 min
Lab File: BF089943.D
Acq: 31 Aug 2016 11:51

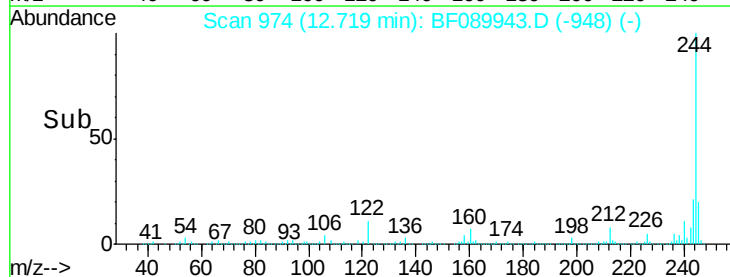
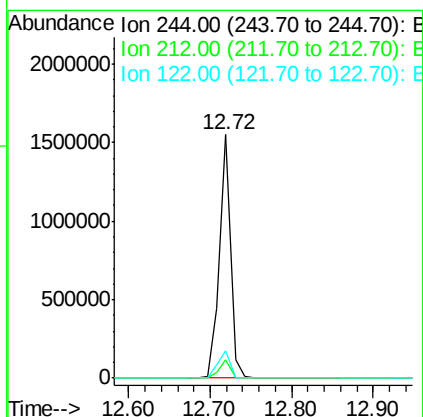
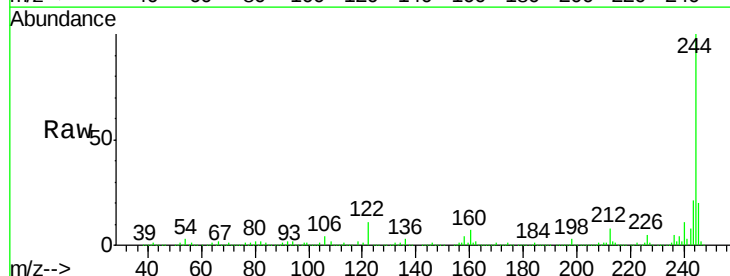
Instrument :
BNA_F
ClientSampleId :

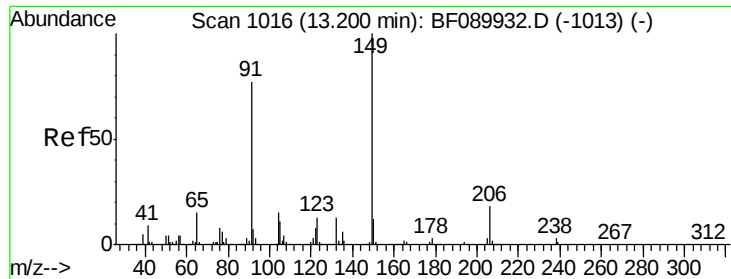
Tot Ion:202 Resp: 1340201
Ion Ratio Lower Upper
202 100
200 22.7 17.6 26.4
203 18.3 14.6 21.8



#78
Terphenyl-d14
Concen: 60.14 ng
RT: 12.72 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF089943.D
Acq: 31 Aug 2016 11:51

Tgt Ion:244 Resp: 1476331
Ion Ratio Lower Upper
244 100
212 7.6 6.1 9.1
122 11.4 9.6 14.4

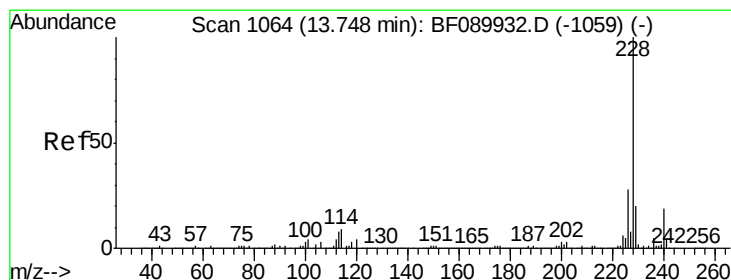
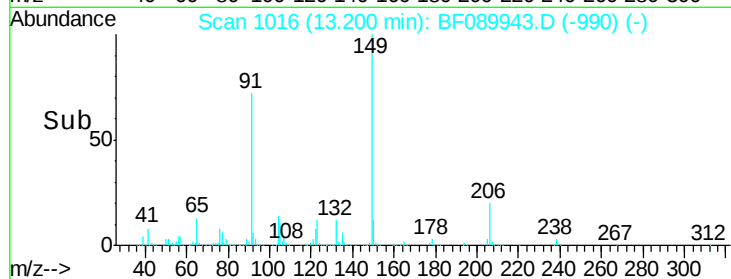
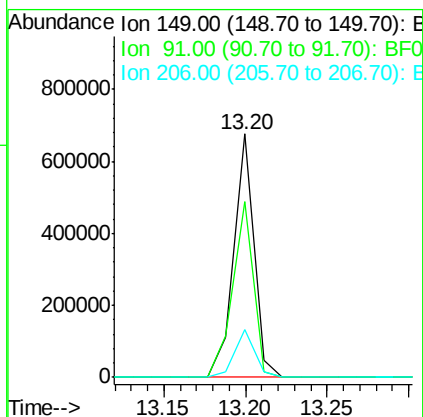
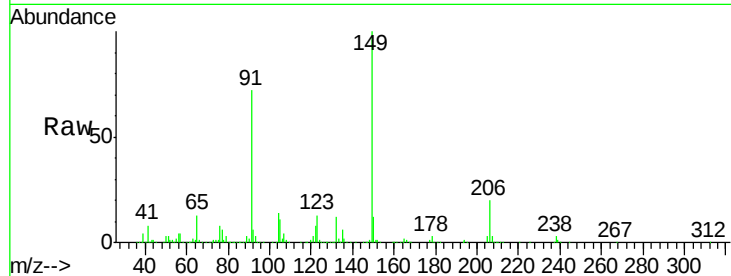




#79
Butylbenzylphthalate
Concen: 33.32 ng
RT: 13.20 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF089943.D
Acq: 31 Aug 2016 11:51

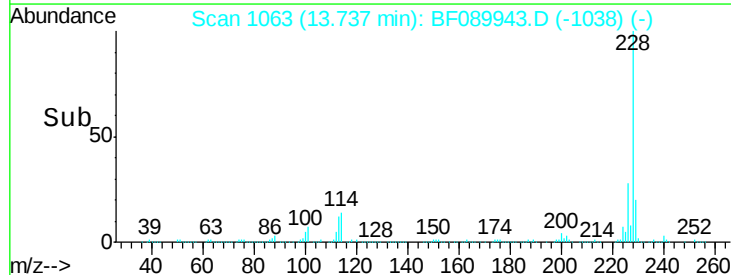
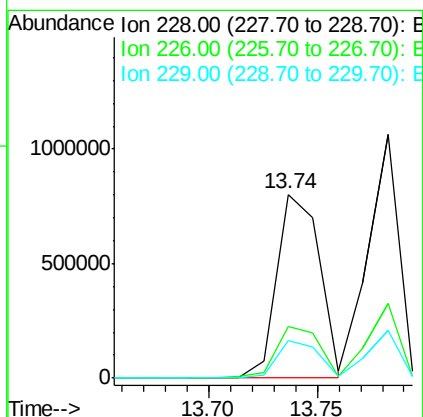
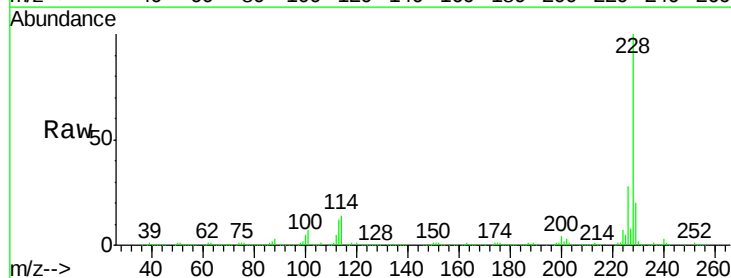
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 574570
Ion Ratio Lower Upper
149 100
91 72.2 60.0 90.0
206 19.6 15.1 22.7



#80
Benzo(a)anthracene
Concen: 29.78 ng
RT: 13.74 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BF089943.D
Acq: 31 Aug 2016 11:51

Tgt Ion:228 Resp: 1106123
Ion Ratio Lower Upper
228 100
226 27.9 22.2 33.2
229 20.1 15.8 23.6

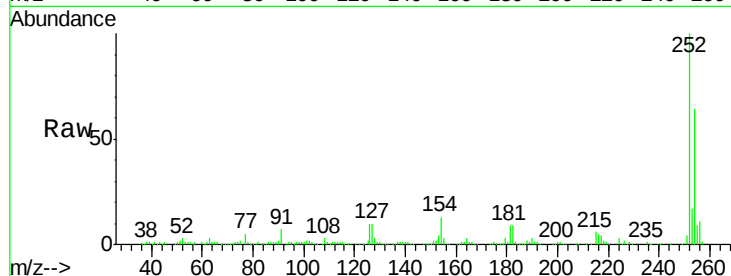




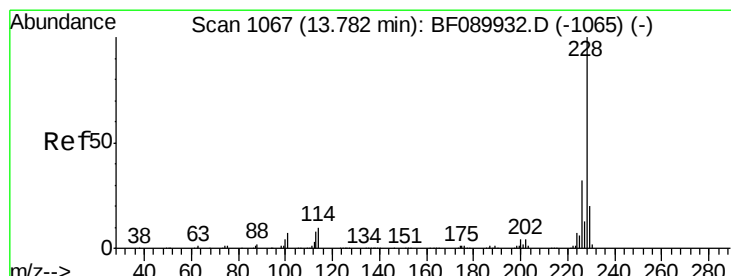
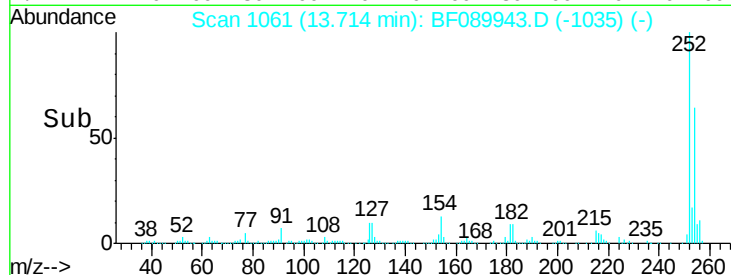
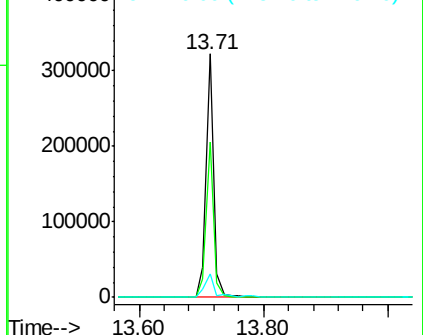
#81
 3,3'-Dichlorobenzidine
 Concen: 20.84 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. 0.00 min
 Lab File: BF089943.D
 Acq: 31 Aug 2016 11:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 279318
 Ion Ratio Lower Upper
 252 100
 254 63.7 51.3 76.9
 126 9.7 12.3 18.5#

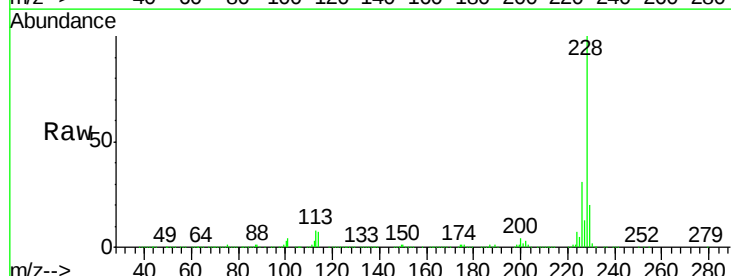


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

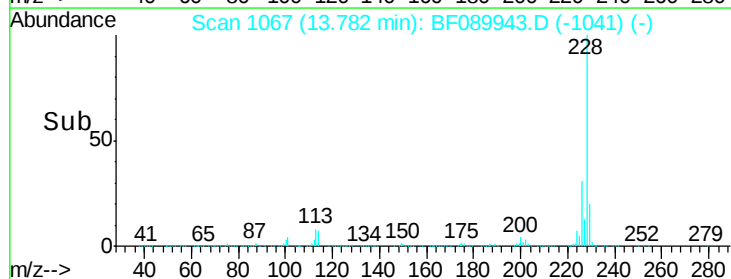
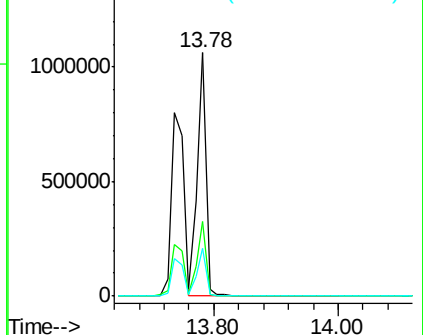


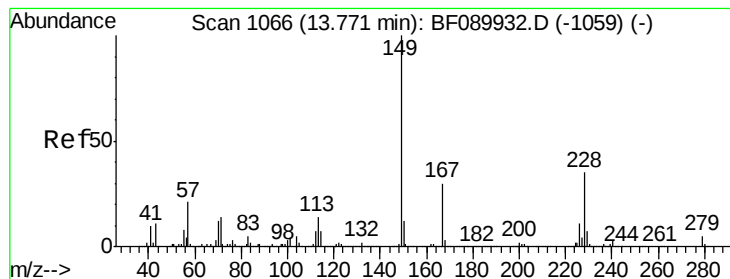
#82
 Chrysene
 Concen: 30.61 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: BF089943.D
 Acq: 31 Aug 2016 11:51

Tgt Ion:228 Resp: 1062041
 Ion Ratio Lower Upper
 228 100
 226 30.6 25.2 37.8
 229 19.6 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: 31.55 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

Instrument :

BNA_F

ClientSampleId :

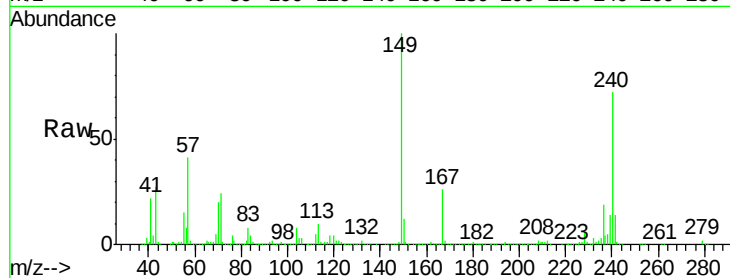
Tot Ion:149 Resp: 752414

Ion Ratio Lower Upper

149 100

167 26.0 23.6 35.4

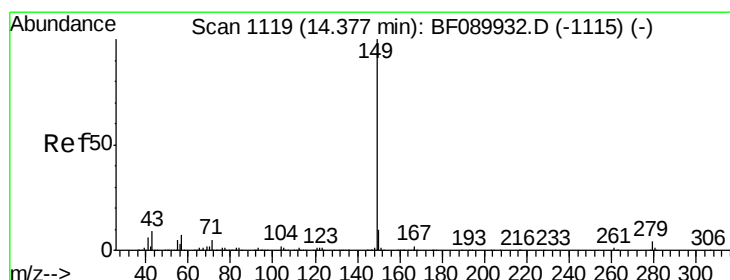
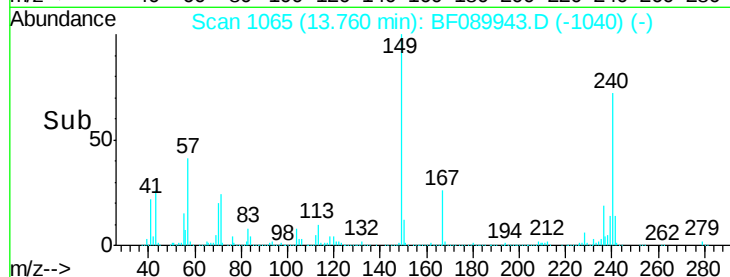
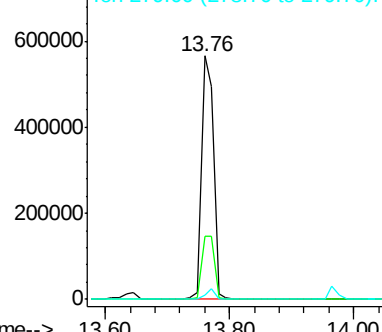
279 1.8 3.4 5.2#



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: 30.22 ng

RT: 14.37 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BF089943.D

Acq: 31 Aug 2016 11:51

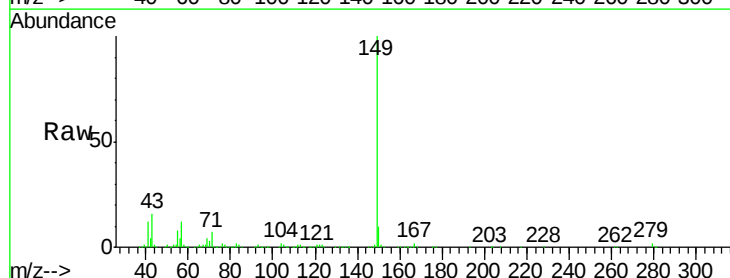
Tgt Ion:149 Resp: 1163306

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

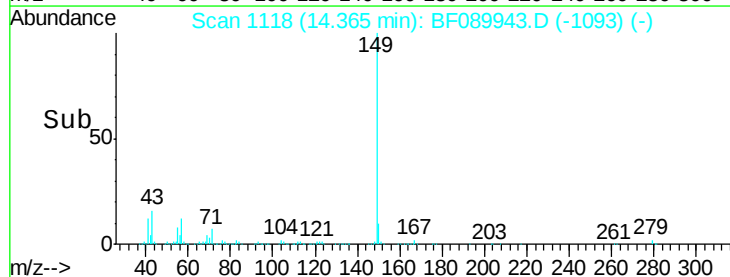
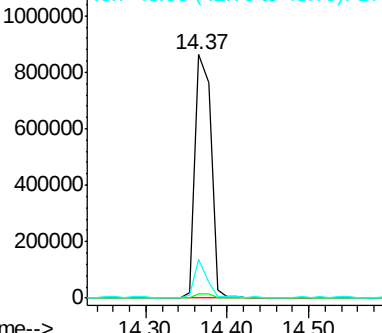
43 11.7 9.3 13.9

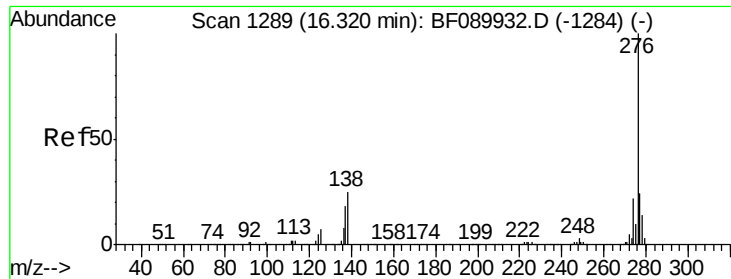


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

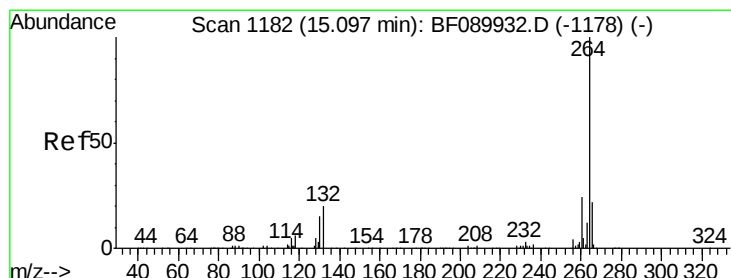
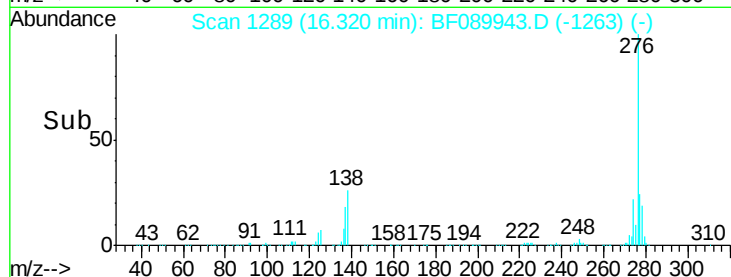
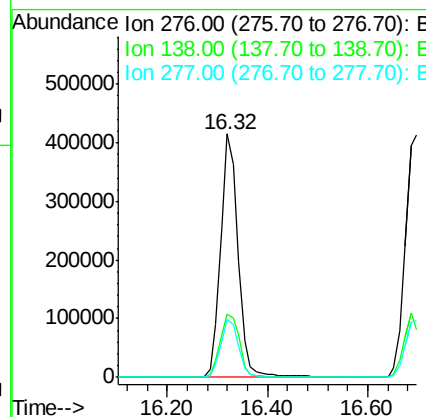
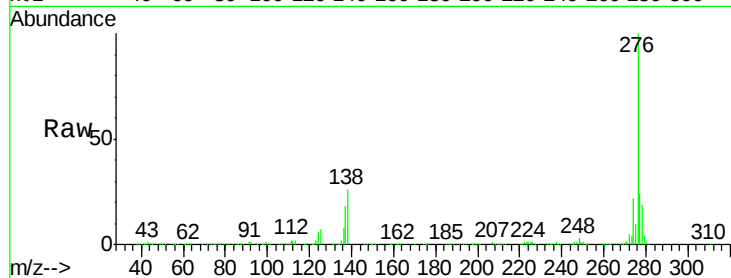




#85
Indeno(1,2,3-cd)pyrene
Concen: 39.23 ng
RT: 16.32 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BF089943.D
Acq: 31 Aug 2016 11:51

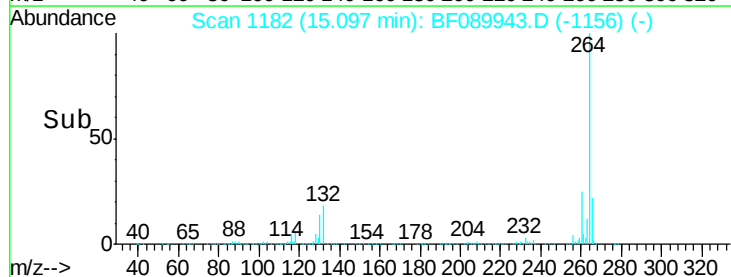
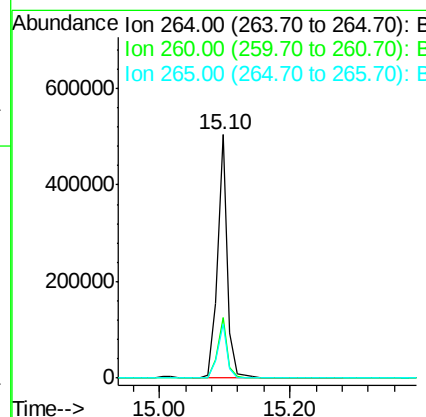
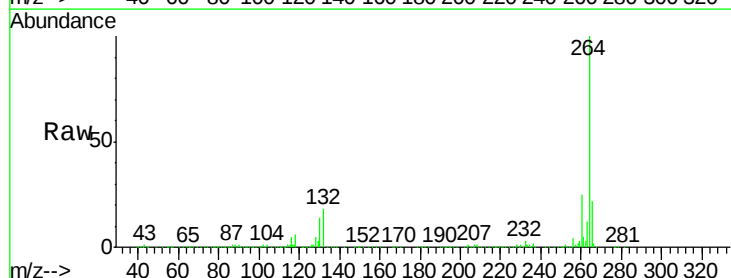
Instrument :
BNA_F
ClientSampleId :

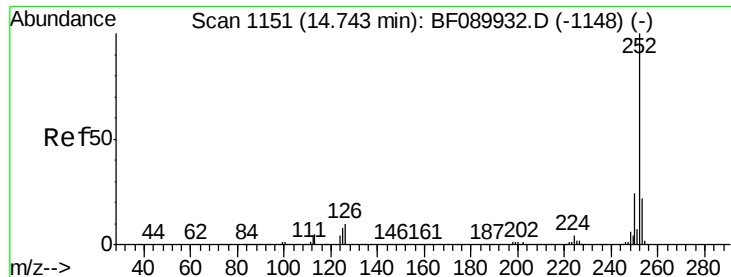
Tot Ion:276 Resp: 1006125
Ion Ratio Lower Upper
276 100
138 29.1 22.6 34.0
277 24.9 20.1 30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.10 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BF089943.D
Acq: 31 Aug 2016 11:51

Tgt Ion:264 Resp: 539626
Ion Ratio Lower Upper
264 100
260 24.8 19.4 29.0
265 22.1 17.4 26.2

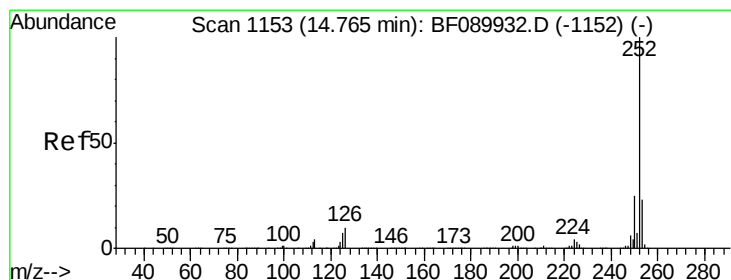
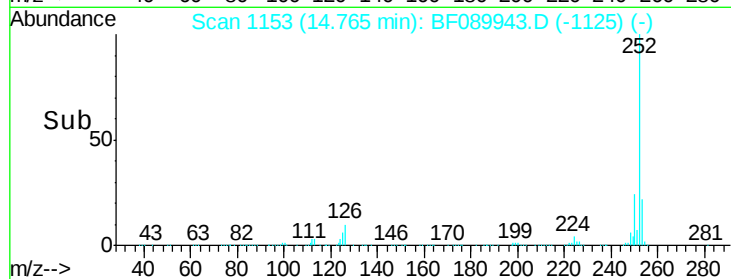
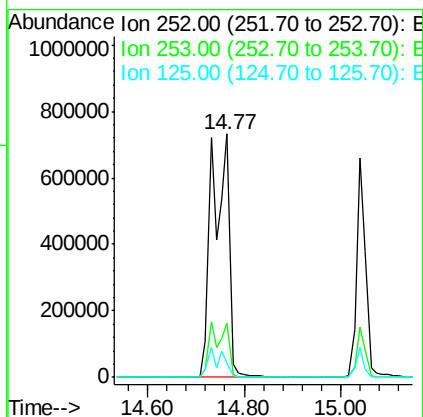
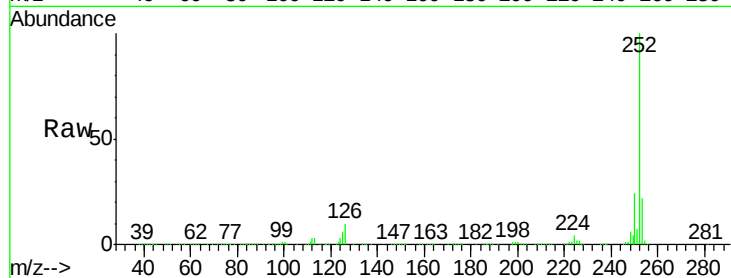




#87
Benzo(b)fluoranthene
Concen: 53.01 ng
RT: 14.77 min Scan# 1153
Delta R.T. 0.02 min
Lab File: BF089943.D
Acq: 31 Aug 2016 11:51

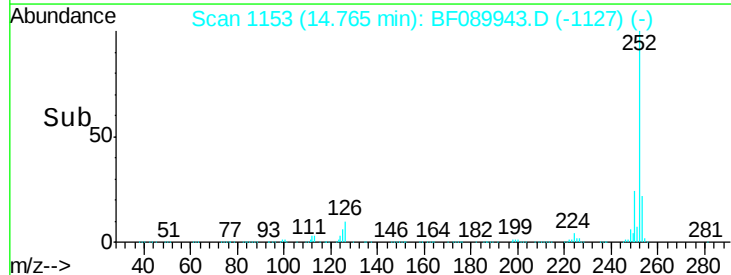
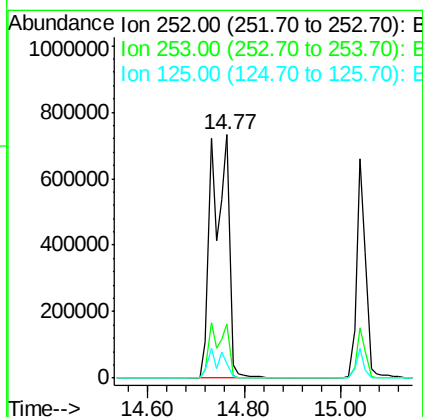
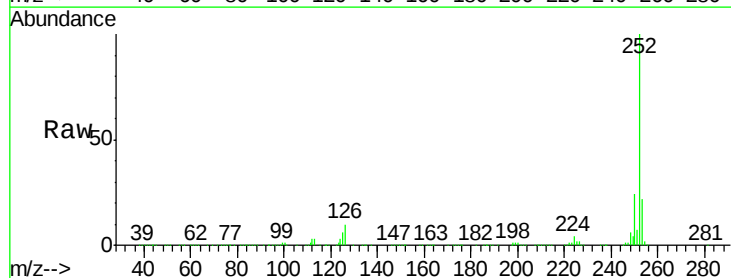
Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 1791916
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 6.2 5.7 8.5



#88
Benzo(k)fluoranthene
Concen: 62.47 ng
RT: 14.77 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF089943.D
Acq: 31 Aug 2016 11:51

Tgt Ion:252 Resp: 1791916
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 6.2 7.3 10.9#

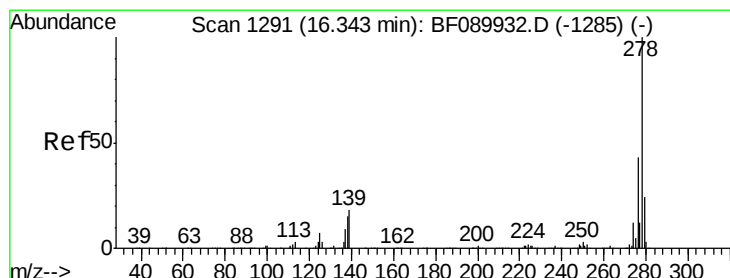
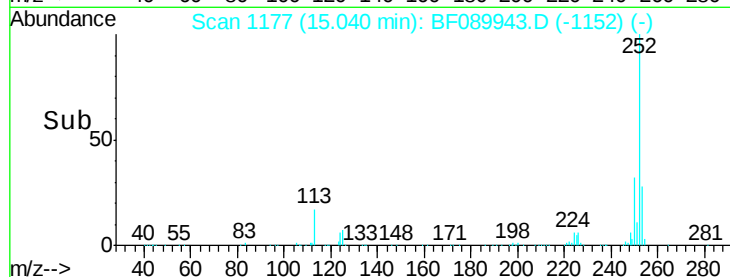
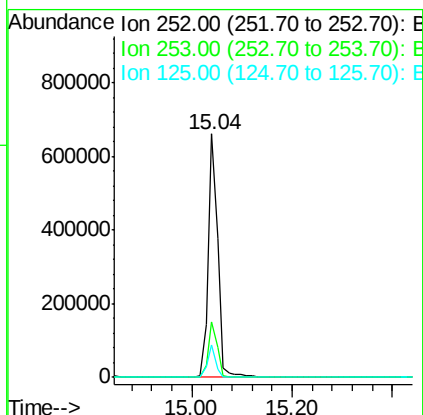
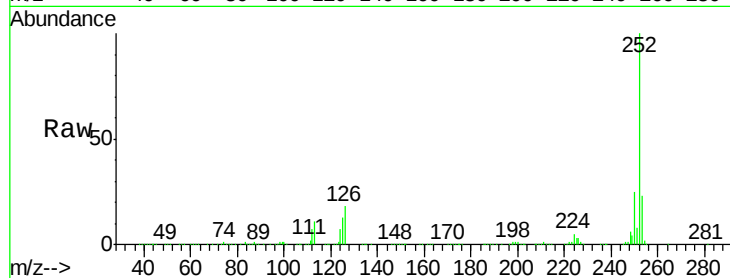




#89
Benzo(a)pyrene
Concen: 29.68 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF089943.D
Acq: 31 Aug 2016 11:51

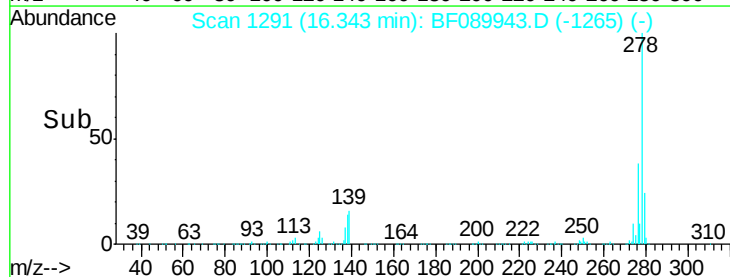
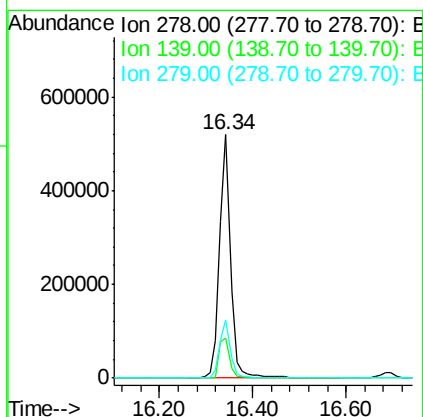
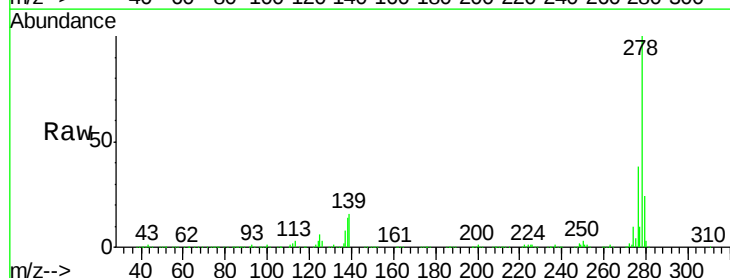
Instrument :
BNA_F
ClientSampleId :

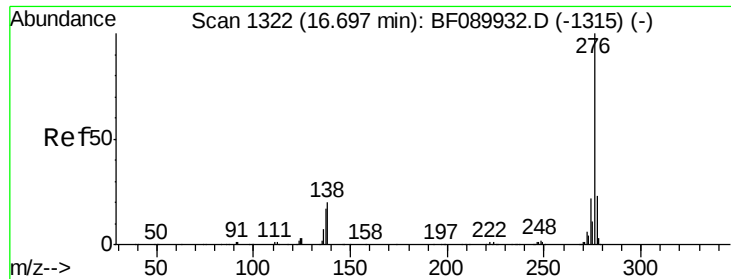
Tot Ion:252 Resp: 859592
Ion Ratio Lower Upper
252 100
253 22.7 17.5 26.3
125 13.5 6.3 9.5#



#90
Dibenzo(a,h)anthracene
Concen: 39.84 ng
RT: 16.34 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF089943.D
Acq: 31 Aug 2016 11:51

Tgt Ion:278 Resp: 845487
Ion Ratio Lower Upper
278 100
139 16.3 13.4 20.2
279 23.9 19.4 29.2





#91
 Benzo(a,h,i)perylene
 Concen: 40.98 ng
 RT: 16.70 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF089943.D
 Acq: 31 Aug 2016 11:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.4
138	19.8	16.4	24.6

