

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090616\
 Data File : BF089993.D
 Acq On : 6 Sep 2016 17:33
 Operator : UM/SJ
 Sample : PB93246BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 06 18:04:13 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 13:29:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	219358	20.00	ng	-0.02
21) Naphthalene-d8	7.91	136	885209	20.00	ng	-0.02
38) Acenaphthene-d10	9.66	164	445270	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	819957	20.00	ng	-0.02
75) Chrysene-d12	13.74	240	630649	20.00	ng	-0.02
86) Perylene-d12	15.07	264	550639	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1596270	116.48	ng	0.00
7) Phenol-d6	6.27	99	1956309	117.48	ng	-0.01
23) Nitrobenzene-d5	7.19	82	1111433	72.82	ng	-0.02
41) 2,4,6-Tribromophenol	10.44	330	537777	122.42	ng	-0.01
44) 2-Fluorobiphenyl	8.98	172	2185247	80.56	ng	-0.02
78) Terphenyl-d14	12.71	244	2145550	84.04	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.16	88	203468	31.34	ng	98
3) Pyridine	2.78	79	569923	32.90	ng	99
4) n-Nitrosodimethylamine	2.74	42	335581	39.28	ng	92
6) Aniline	6.28	93	597543	26.30	ng	# 84
8) 2-Chlorophenol	6.41	128	587474	39.51	ng	96
9) Benzaldehyde	6.16	77	101334	9.43	ng	98
10) Phenol	6.30	94	641133	33.11	ng	# 73
11) bis(2-Chloroethyl)ether	6.36	93	586924	40.05	ng	94
12) 1,3-Dichlorobenzene	6.56	146	670250	40.36	ng	97
13) 1,4-Dichlorobenzene	6.64	146	675895	39.78	ng	93
14) 1,2-Dichlorobenzene	6.79	146	613867	40.30	ng	99
15) Benzyl Alcohol	6.78	79	456953	43.80	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.91	45	1036772	37.11	ng	89
17) 2-Methylphenol	6.90	107	491971	41.43	ng	98
18) Hexachloroethane	7.13	117	231609	39.80	ng	97
19) n-Nitroso-di-n-propylamine	7.05	70	418255	38.54	ng	93
20) 3+4-Methylphenols	7.05	107	629593	43.74	ng	# 80
22) Acetophenone	7.04	105	722992	36.41	ng	# 91
24) Nitrobenzene	7.21	77	658690	40.59	ng	# 88
25) Isophorone	7.45	82	1175738	37.88	ng	98
26) 2-Nitrophenol	7.53	139	341527	44.03	ng	# 79
27) 2,4-Dimethylphenol	7.58	122	547189	38.13	ng	99
28) bis(2-Chloroethoxy)methane	7.67	93	731653	39.08	ng	98
29) 2,4-Dichlorophenol	7.77	162	537267	41.77	ng	98
30) 1,2,4-Trichlorobenzene	7.85	180	581794	41.37	ng	97
31) Naphthalene	7.93	128	1804683	40.92	ng	99
32) Benzoic acid	7.72	122	341248	35.30	ng	97
33) 4-Chloroaniline	7.99	127	295712	16.62	ng	95
34) Hexachlorobutadiene	8.06	225	338603	41.09	ng	96
35) Caprolactam	8.36	113	99444	24.49	ng	90
36) 4-Chloro-3-methylphenol	8.48	107	538764	39.55	ng	86
37) 2-Methylnaphthalene	8.62	142	1139896	39.12	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	491330	37.67	ng	99
40) Hexachlorocyclopentadiene	8.78	237	602368	90.06	ng	94

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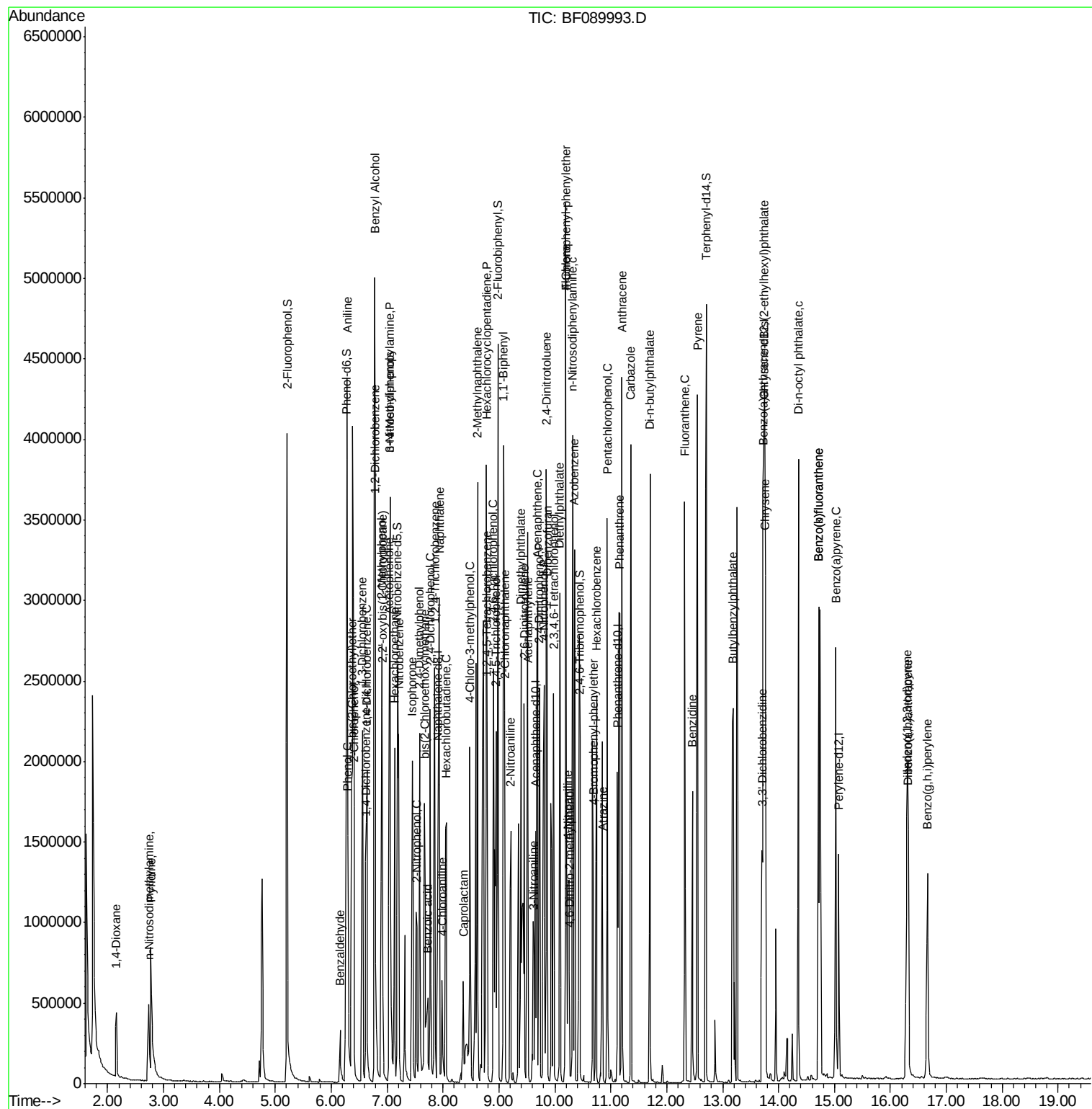
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	403317	44.62	nq	99
43) 2,4,5-Trichlorophenol	8.95	196	396966	45.67	nq	# 93
45) 1,1'-Biphenyl	9.08	154	1308875	36.51	nq	97
46) 2-Chloronaphthalene	9.11	162	1093332	43.11	nq	93
47) 2-Nitroaniline	9.21	65	364425	43.96	nq	# 60
48) Acenaphthylene	9.52	152	1661950	39.63	nq	98
49) Dimethylphthalate	9.39	163	1227574	38.14	nq	99
50) 2,6-Dinitrotoluene	9.45	165	310681	43.40	nq	96
51) Acenaphthene	9.69	154	1115331	41.98	nq	99
52) 3-Nitroaniline	9.62	138	244243	29.92	nq	# 69
53) 2,4-Dinitrophenol	9.72	184	354562	73.67	nq	# 79
54) Dibenzofuran	9.86	168	1602753	45.02	nq	95
55) 4-Nitrophenol	9.80	139	558677	90.73	nq	95
56) 2,4-Dinitrotoluene	9.85	165	360980	39.77	nq	# 83
57) Fluorene	10.19	166	1024482	39.38	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.98	232	338413	45.47	nq	97
59) Diethylphthalate	10.09	149	1195793	39.50	nq	99
60) 4-Chlorophenyl-phenylether	10.19	204	479717	39.18	nq	# 84
61) 4-Nitroaniline	10.24	138	367509	45.82	nq	98
62) Azobenzene	10.35	77	1338353	44.26	nq	95
64) 4,6-Dinitro-2-methylphenol	10.26	198	250141	47.65	nq	# 49
65) n-Nitrosodiphenylamine	10.32	169	1095145	44.43	nq	99
66) 4-Bromophenyl-phenylether	10.69	248	381724	46.24	nq	# 81
67) Hexachlorobenzene	10.74	284	417442	44.27	nq	# 81
68) Atrazine	10.86	200	383814	46.64	nq	90
69) Pentachlorophenol	10.94	266	424059	83.60	nq	99
70) Phenanthrene	11.15	178	1840708	45.08	nq	99
71) Anthracene	11.20	178	1764666	42.61	nq	99
72) Carbazole	11.36	167	1711804	44.08	nq	100
73) Di-n-butylphthalate	11.70	149	1926898	42.57	nq	100
74) Fluoranthene	12.32	202	1726946	40.36	nq	95
76) Benzidine	12.46	184	815810	34.15	nq	96
77) Pyrene	12.55	202	1836240	41.30	nq	99
79) Butylbenzylphthalate	13.19	149	850794	47.45	nq	# 78
80) Benzo(a)anthracene	13.73	228	1628747	42.17	nq	98
81) 3,3'-Dichlorobenzidine	13.70	252	362496	26.00	nq	# 96
82) Chrysene	13.76	228	1501718	41.62	nq	99
83) Bis(2-ethylhexyl)phthalate	13.75	149	1056710	42.61	nq	# 98
84) Di-n-octyl phthalate	14.35	149	1825602	45.60	nq	99
85) Indeno(1,2,3-cd)pyrene	16.30	276	1215219	45.56	nq	99
87) Benzo(b)fluoranthene	14.72	252	2768620	80.26	nq	# 98
88) Benzo(k)fluoranthene	14.72	252	2768620	94.58	nq	99
89) Benzo(a)pyrene	15.03	252	1337817	45.27	nq	# 97
90) Dibenzo(a,h)anthracene	16.32	278	1005309	46.42	nq	97
91) Benzo(g,h,i)perylene	16.66	276	1009880	46.33	nq	# 94

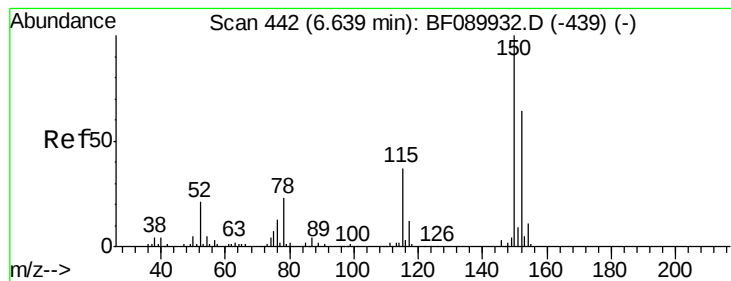
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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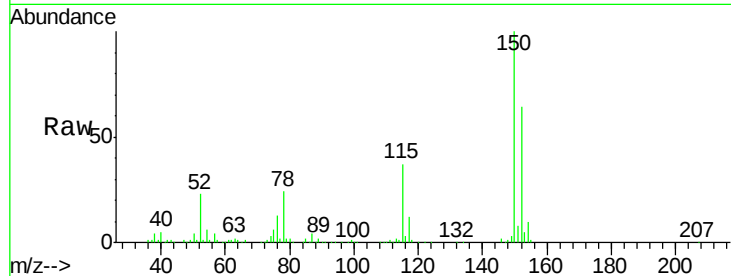


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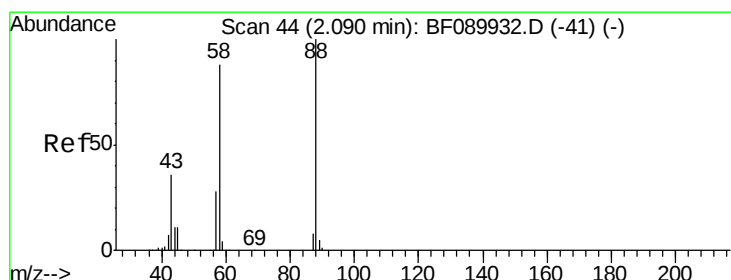
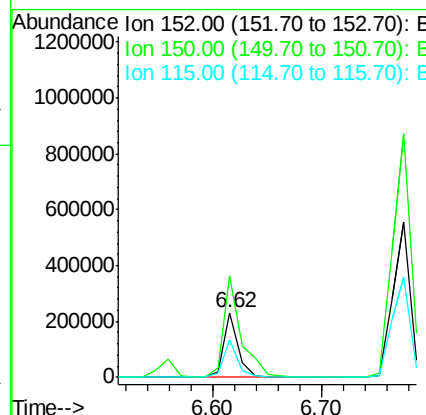
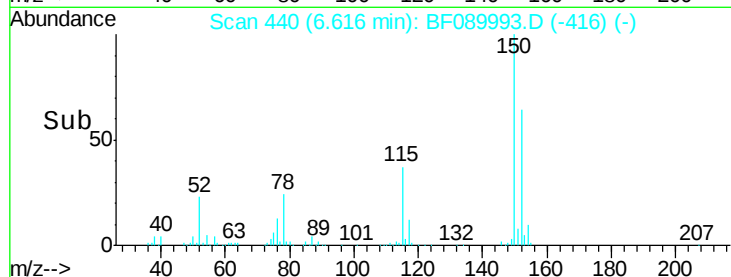
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 440
Delta R.T. -0.02 min
Lab File: BF089993.D
Acq: 6 Sep 2016 17:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 219358
Ion Ratio Lower Upper
152 100
150 155.8 127.4 191.2
115 58.0 46.3 69.5



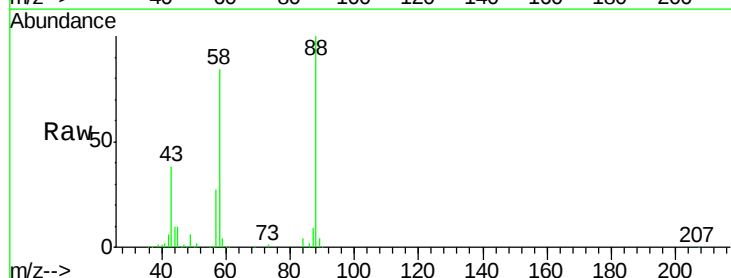
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



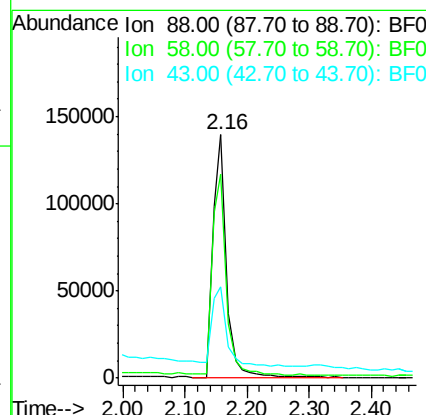
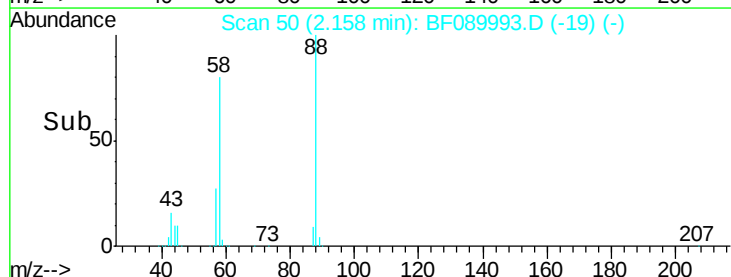
#2

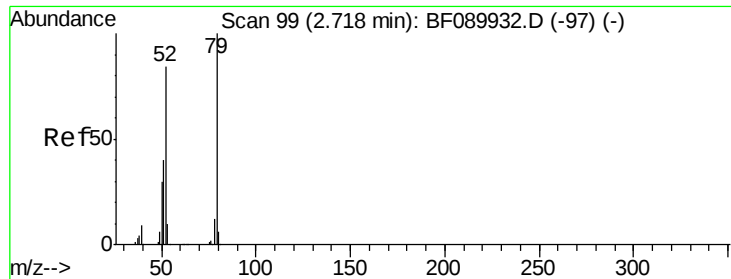
1,4-Dioxane
Concen: 31.34 ng
RT: 2.16 min Scan# 50
Delta R.T. 0.06 min
Lab File: BF089993.D
Acq: 6 Sep 2016 17:33

Tgt Ion: 88 Resp: 203468
Ion Ratio Lower Upper
88 100
58 86.4 68.8 103.2
43 37.7 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: 32.90 ng

RT: 2.78 min Scan# 104

Delta R.T. 0.05 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

Instrument :

BNA_F

ClientSampleId :

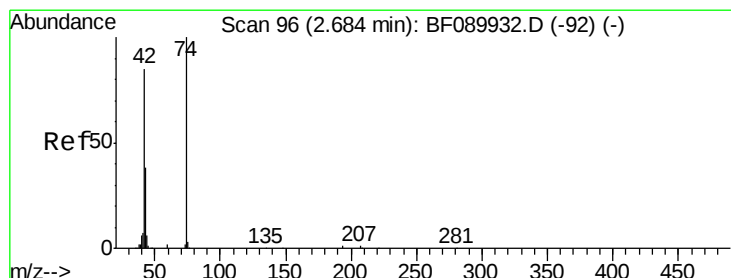
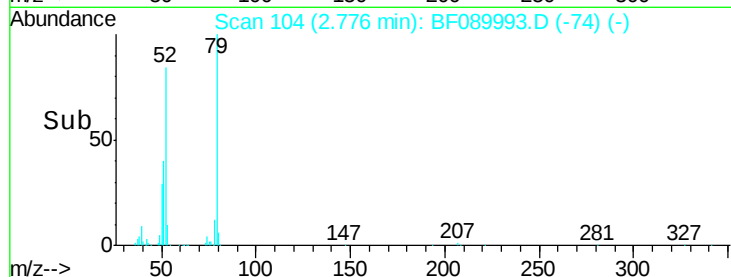
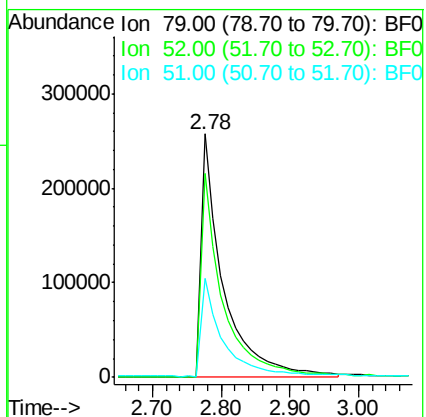
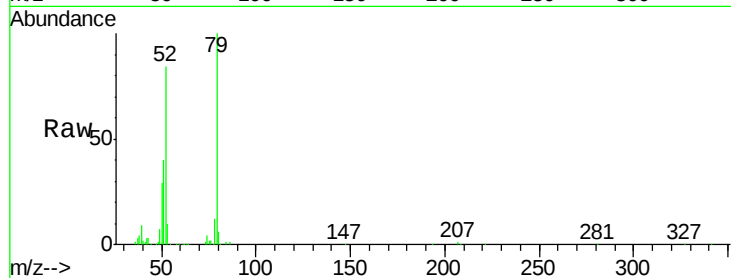
Tot Ion: 79 Resp: 569923

Ion Ratio Lower Upper

79 100

52 83.8 67.8 101.6

51 40.5 32.9 49.3



#4

n-Nitrosodimethylamine

Concen: 39.28 ng

RT: 2.74 min Scan# 101

Delta R.T. 0.05 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

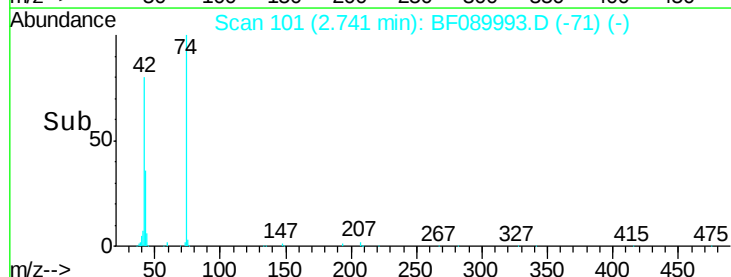
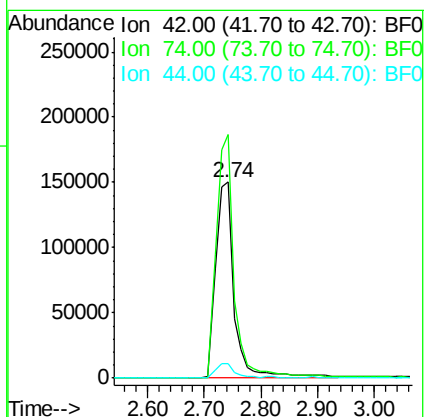
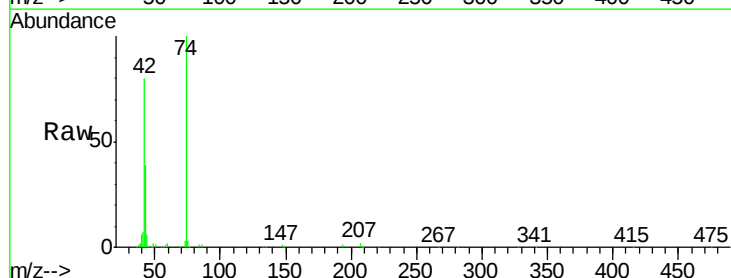
Tgt Ion: 42 Resp: 335581

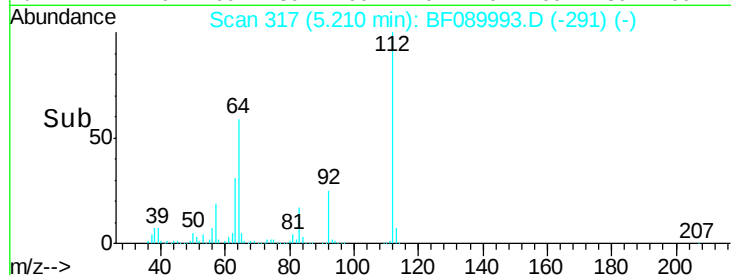
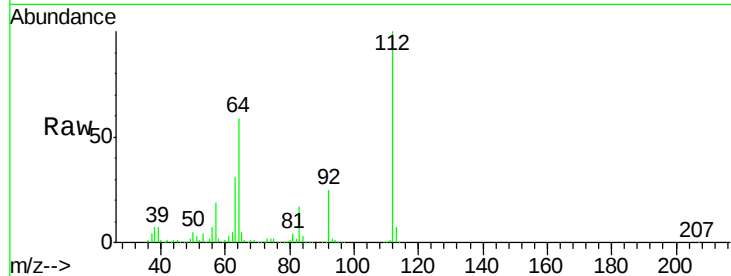
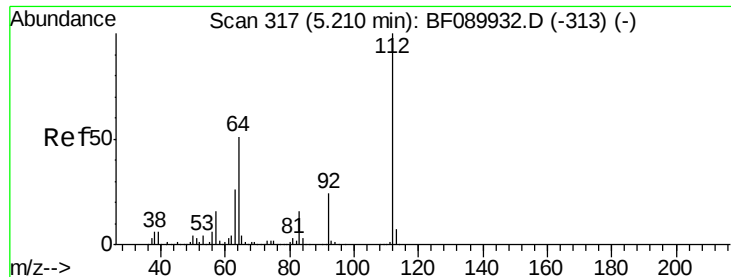
Ion Ratio Lower Upper

42 100

74 124.3 92.0 138.0

44 7.3 5.8 8.8

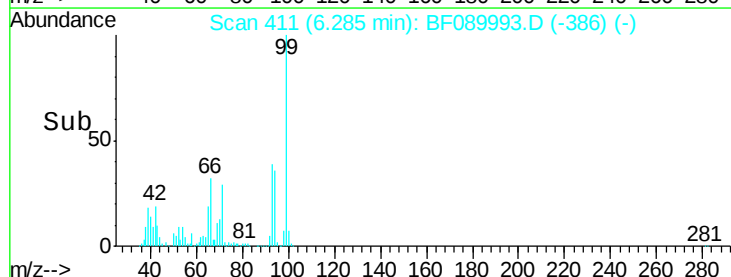
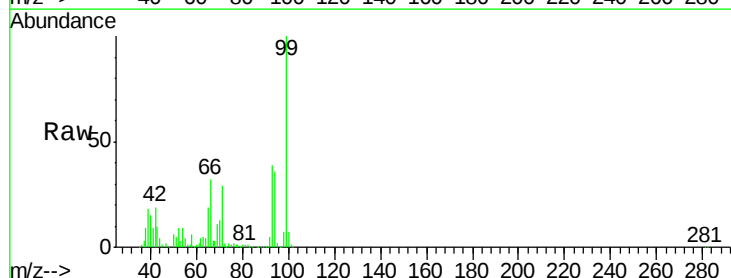
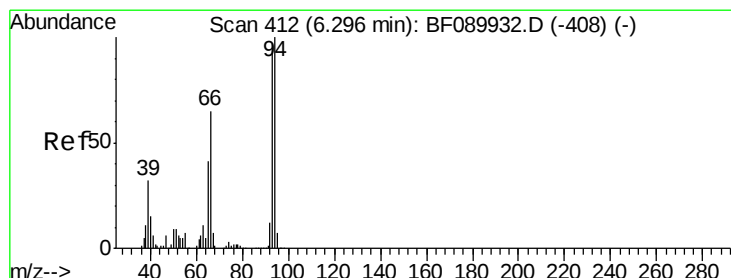
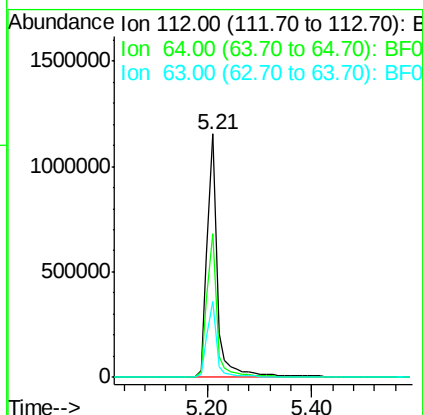




#5
2-Fluorophenol
Concen: 116.48 ng
RT: 5.21 min Scan# 317
Delta R.T. 0.00 min
Lab File: BF089993.D
Acq: 6 Sep 2016 17:33

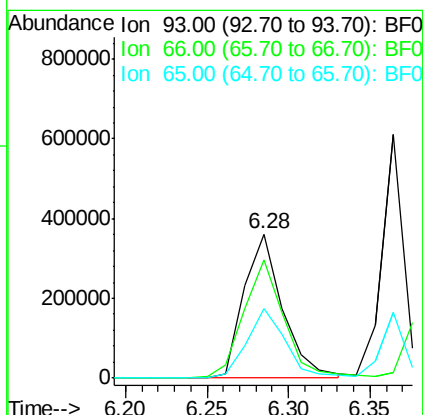
Instrument :
BNA_F
ClientSampleId :

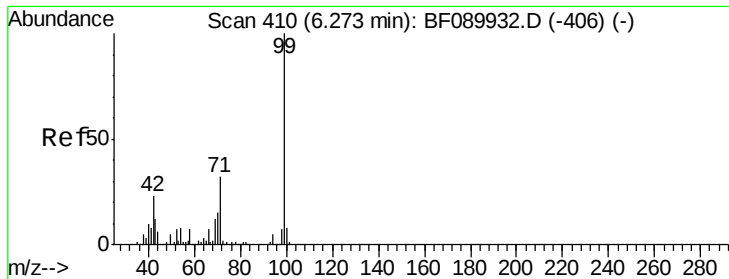
Tot Ion:112 Resp: 1596270
Ion Ratio Lower Upper
112 100
64 59.3 41.1 61.7
63 30.9 21.2 31.8



#6
Aniline
Concen: 26.30 ng
RT: 6.28 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF089993.D
Acq: 6 Sep 2016 17:33

Tgt Ion: 93 Resp: 597543
Ion Ratio Lower Upper
93 100
66 82.1 52.9 79.3#
65 48.0 33.0 49.6





#7

Phenol-d6

Concen: 117.48 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

Instrument :

BNA_F

ClientSampleId :

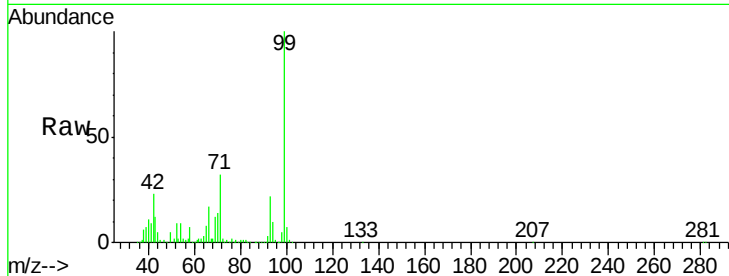
Tot Ion: 99 Resp: 1956309

Ion	Ratio	Lower	Upper
99	100		
42	23.3	18.6	27.8
71	32.1	25.8	38.6

99 100

42 23.3 18.6 27.8

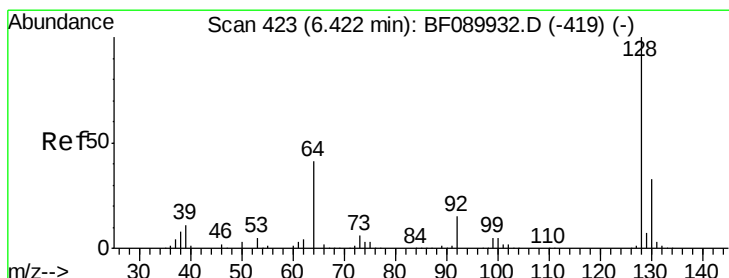
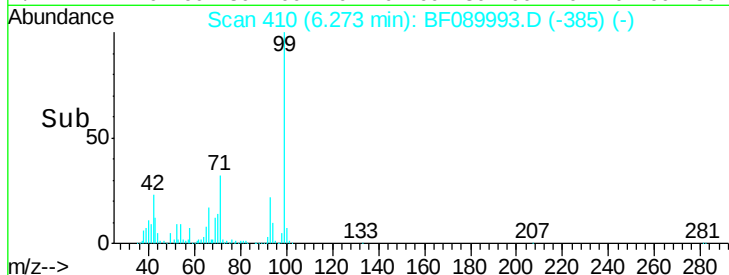
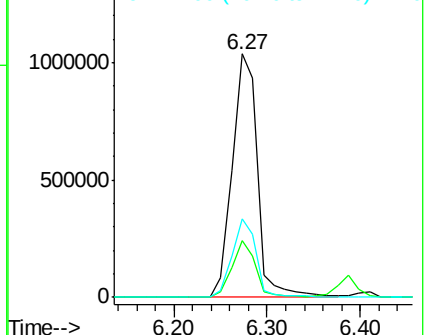
71 32.1 25.8 38.6



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: 39.51 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

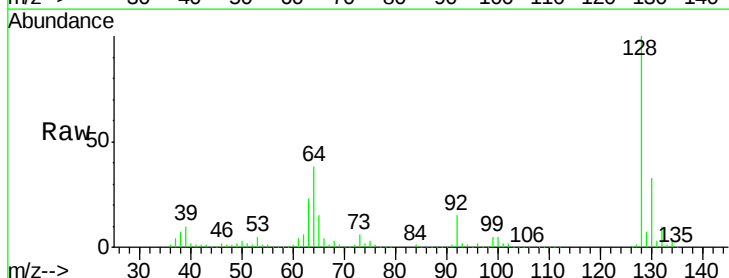
Tgt Ion: 128 Resp: 587474

Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.8	52.8
64	38.5	23.2	63.2

128 100

130 33.1 12.8 52.8

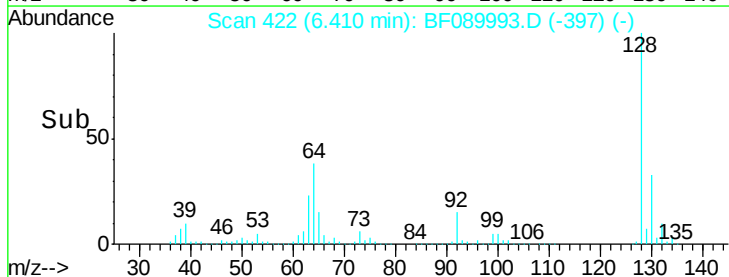
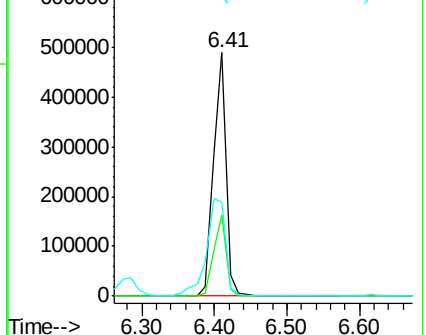
64 38.5 23.2 63.2

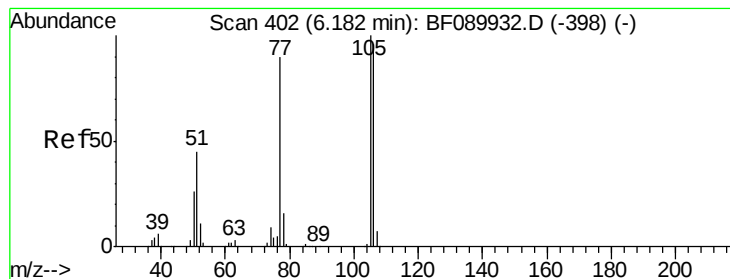


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 9.43 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

Instrument :

BNA_F

ClientSampled :

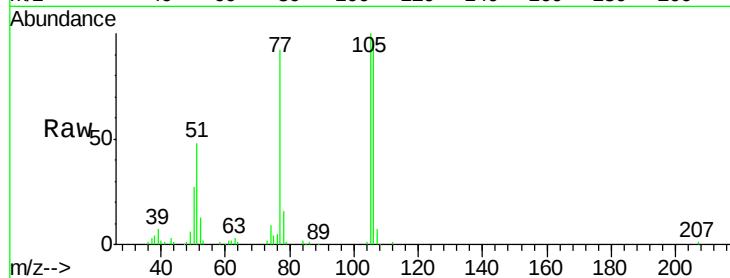
Tot Ion: 77 Resp: 101334

Ion Ratio Lower Upper

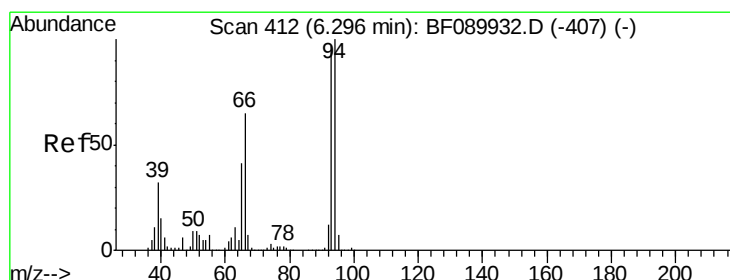
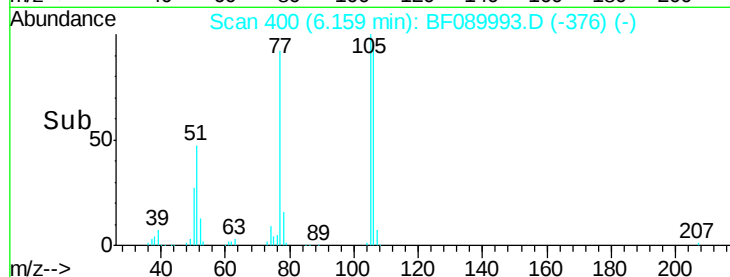
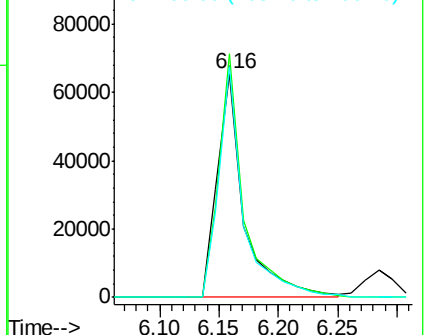
77 100

105 109.0 85.4 125.4

106 103.6 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: 33.11 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

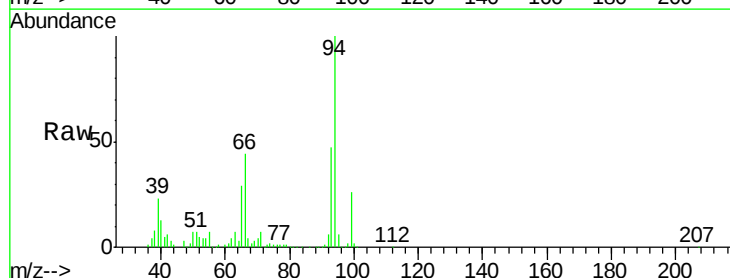
Tgt Ion: 94 Resp: 641133

Ion Ratio Lower Upper

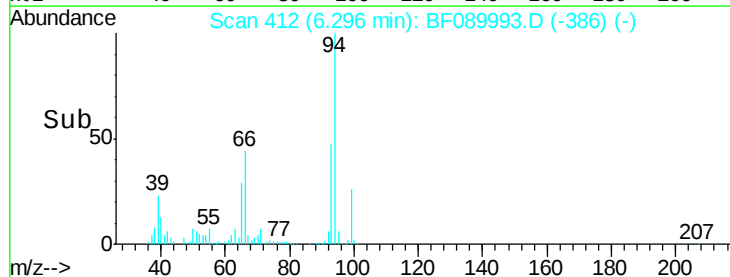
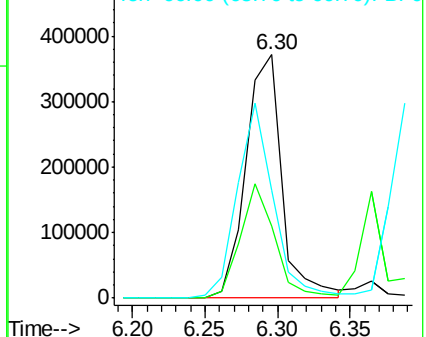
94 100

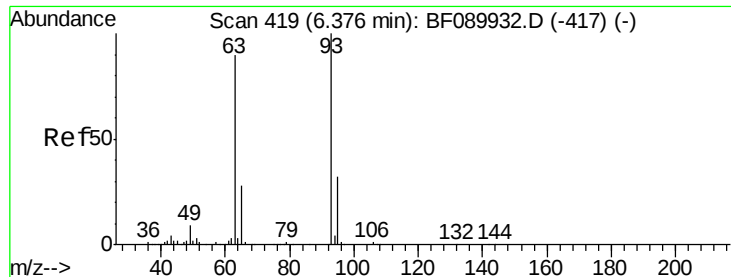
65 29.4 23.2 63.2

66 44.1 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: 40.05 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.02 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

Instrument :

BNA_F

ClientSampleId :

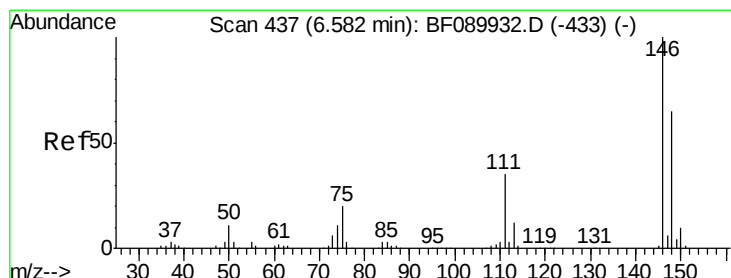
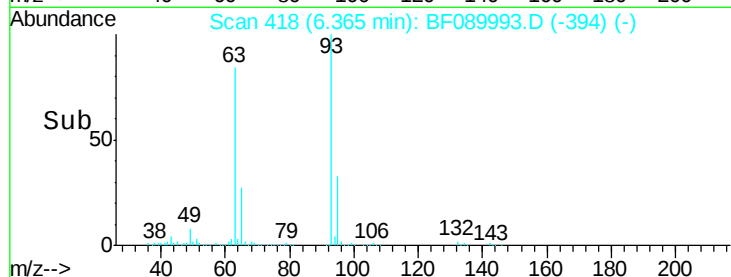
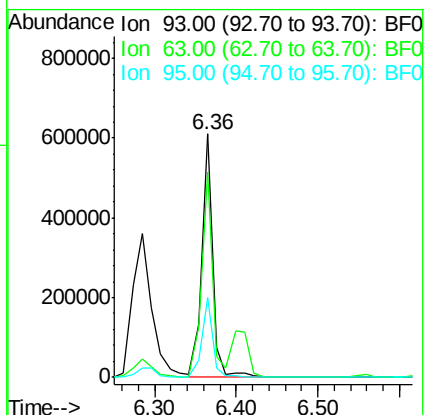
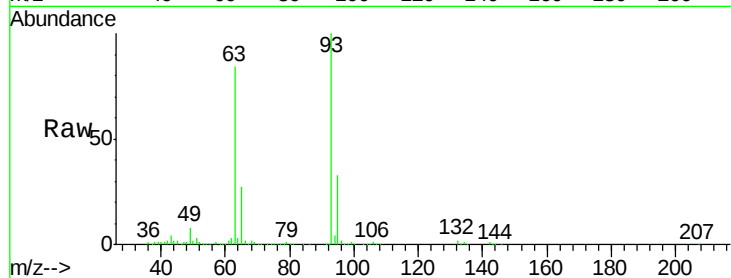
Tot Ion: 93 Resp: 586924

Ion Ratio Lower Upper

93 100

63 84.0 71.1 111.1

95 32.6 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 40.36 ng

RT: 6.56 min Scan# 435

Delta R.T. -0.02 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

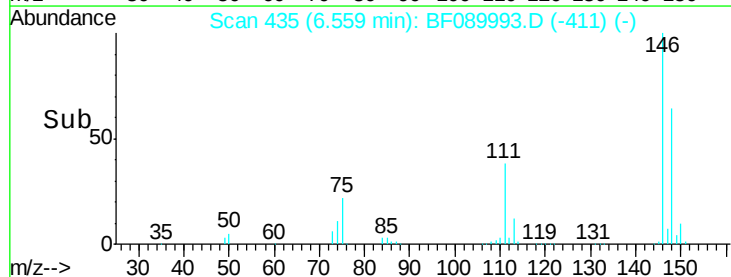
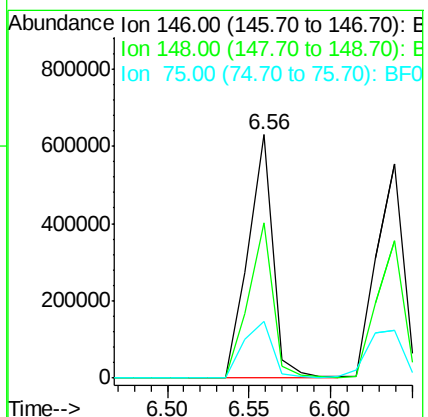
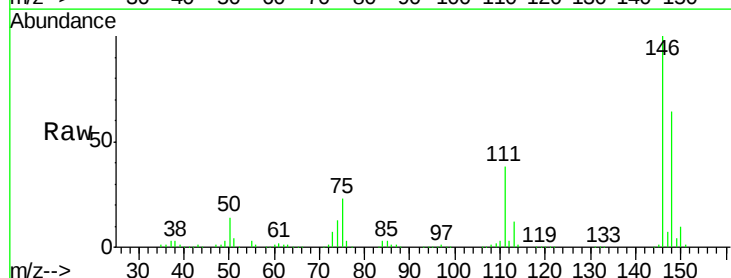
Tgt Ion: 146 Resp: 670250

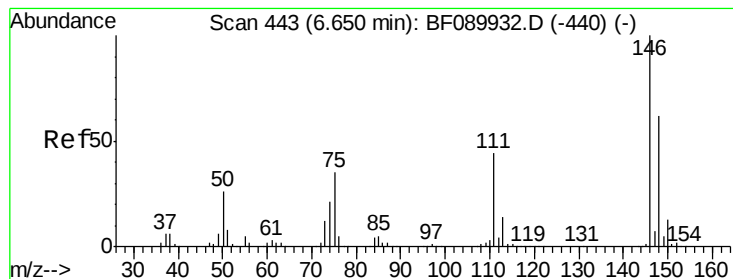
Ion Ratio Lower Upper

146 100

148 63.7 52.5 78.7

75 23.3 16.6 24.8





#13

1,4-Dichlorobenzene

Concen: 39.78 ng

RT: 6.64 min Scan# 442

Delta R.T. -0.02 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

Instrument :

BNA_F

ClientSampleId :

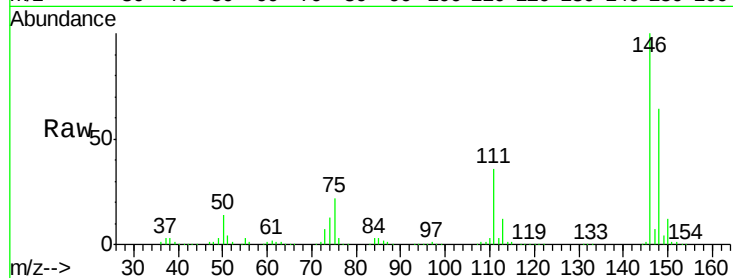
Tot Ion:146 Resp: 675895

Ion Ratio Lower Upper

146 100

148 64.3 50.1 75.1

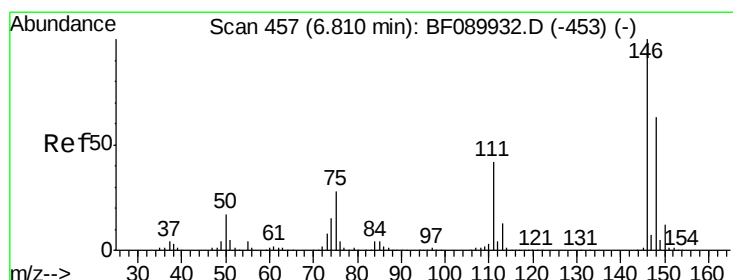
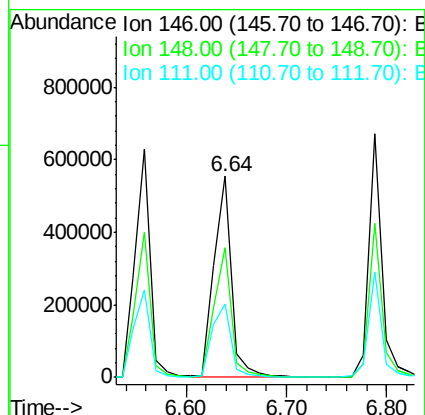
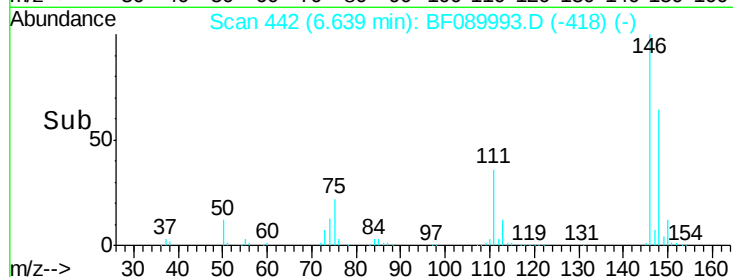
111 36.4 35.8 53.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.30 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.02 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

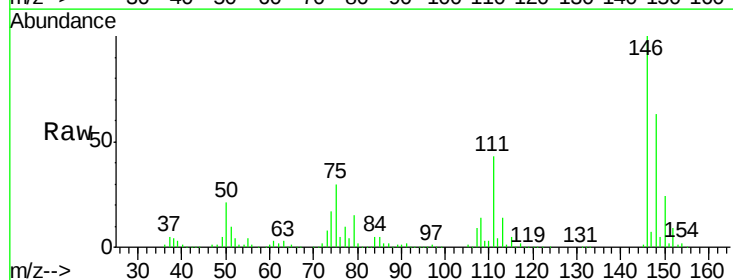
Tgt Ion:146 Resp: 613867

Ion Ratio Lower Upper

146 100

148 63.4 51.4 77.2

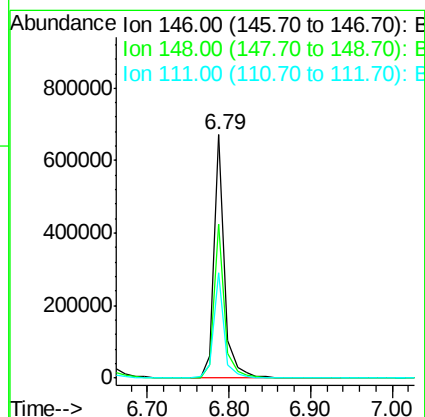
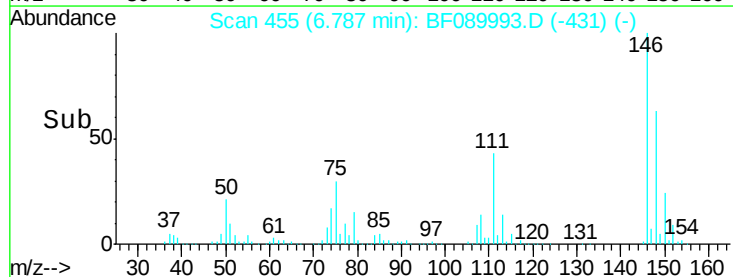
111 43.3 34.6 51.8

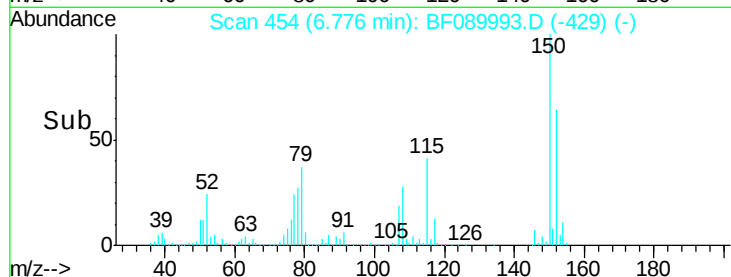
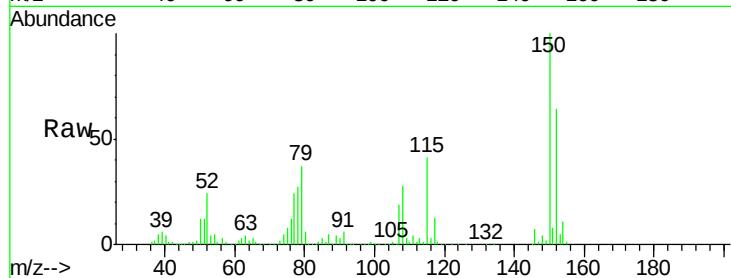
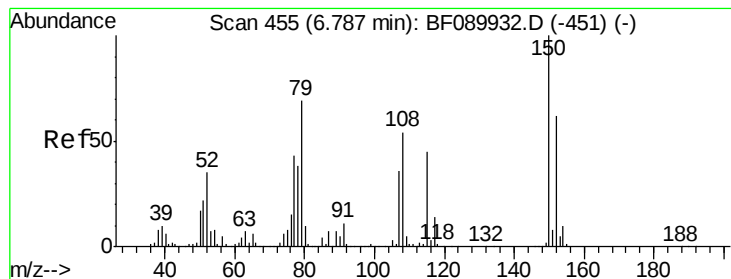


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.80 ng

RT: 6.78 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

Instrument :

BNA_F

ClientSampleId :

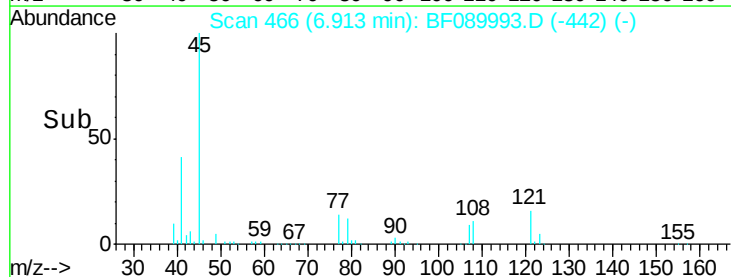
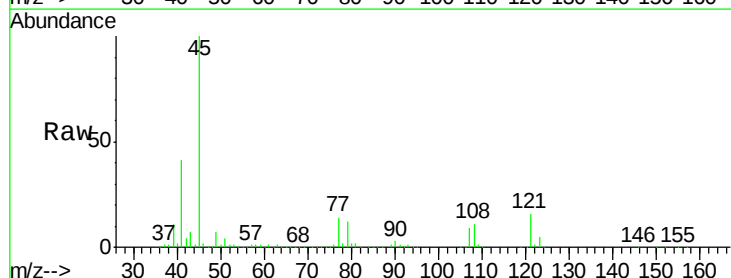
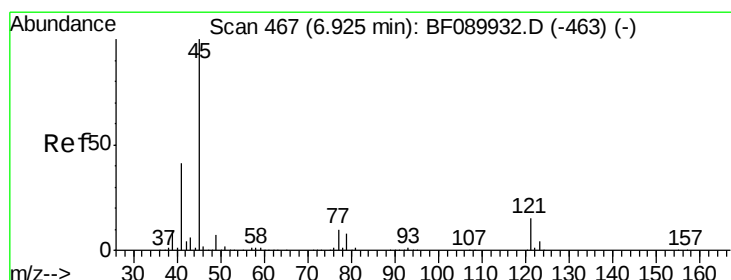
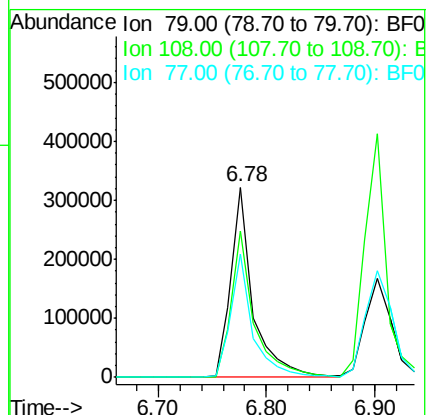
Tot Ion: 79 Resp: 456953

Ion Ratio Lower Upper

79 100

108 76.9 62.1 93.1

77 64.8 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.11 ng

RT: 6.91 min Scan# 466

Delta R.T. -0.02 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

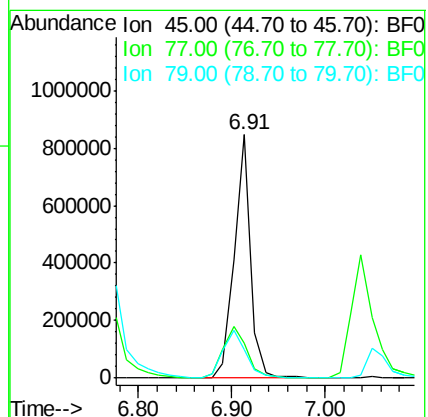
Tgt Ion: 45 Resp: 1036772

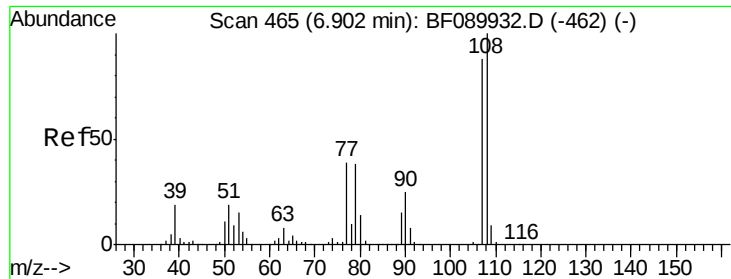
Ion Ratio Lower Upper

45 100

77 14.2 0.0 30.3

79 11.9 0.0 27.5





#17

2-Methylphenol

Concen: 41.43 ng

RT: 6.90 min Scan# 465

Delta R.T. -0.01 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 491971

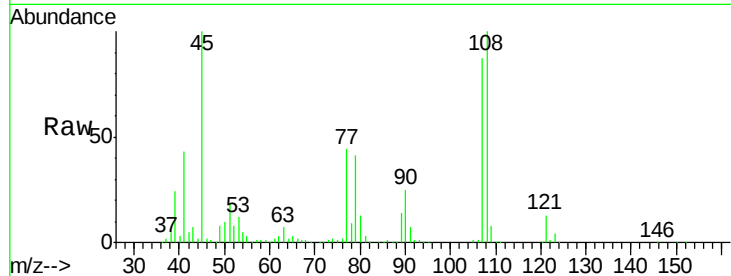
Ion Ratio Lower Upper

107 100

108 114.6 91.8 137.6

77 50.2 36.0 54.0

79 46.6 35.9 53.9

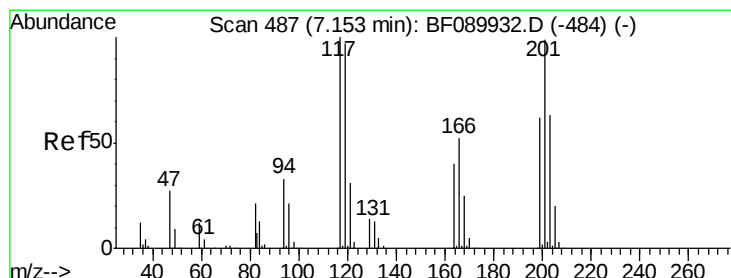
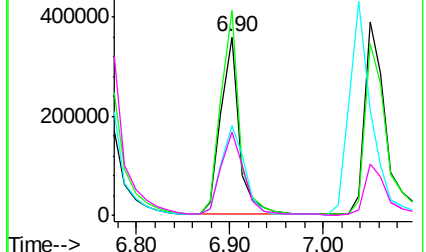
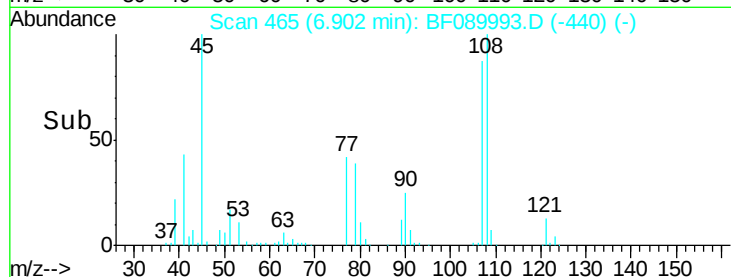


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.80 ng

RT: 7.13 min Scan# 485

Delta R.T. -0.02 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

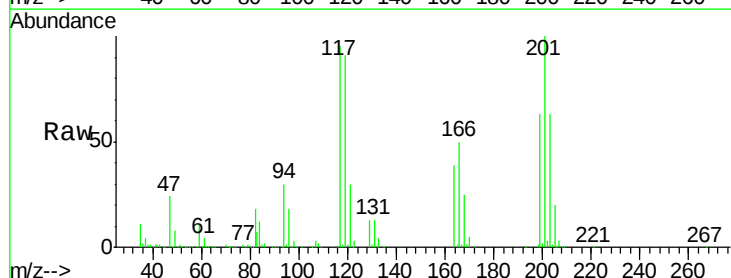
Tgt Ion:117 Resp: 231609

Ion Ratio Lower Upper

117 100

119 96.0 76.2 114.2

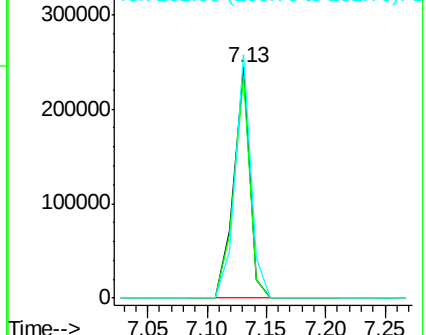
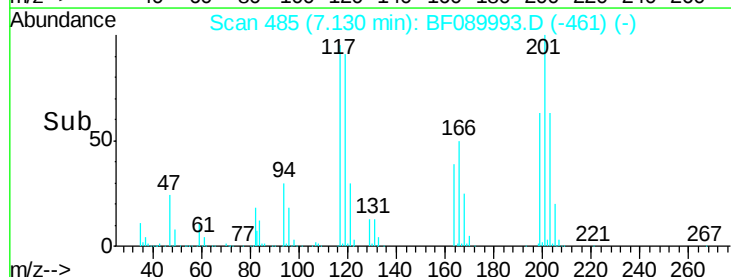
201 105.5 80.2 120.2

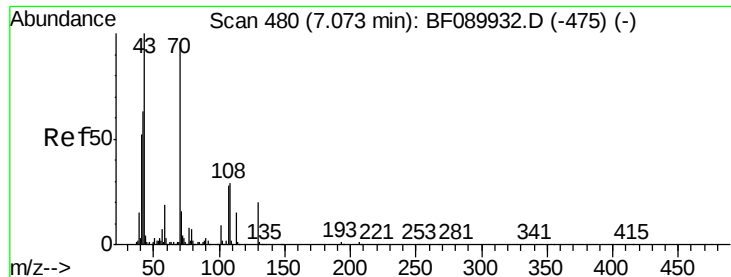


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

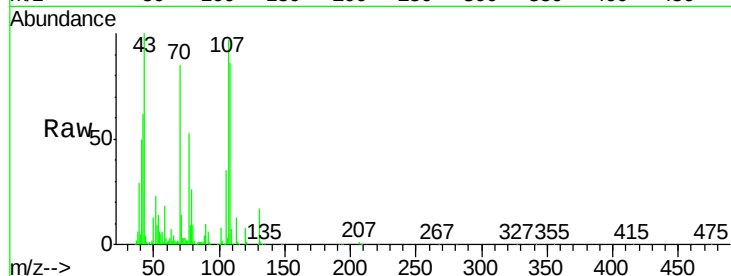




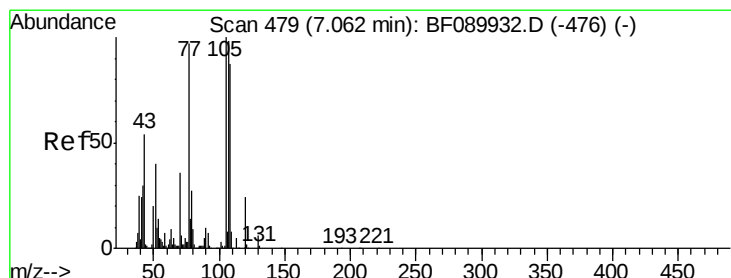
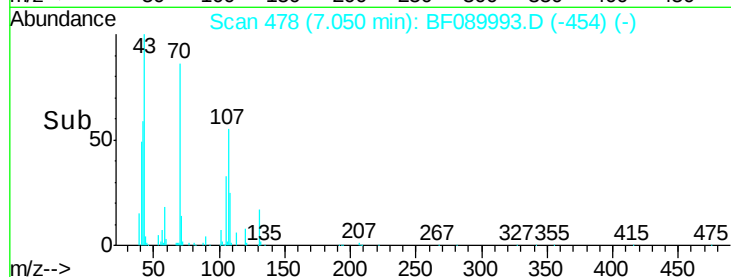
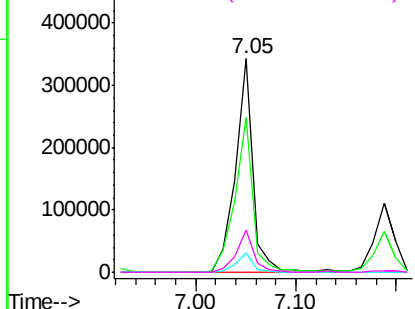
#19
n-Nitroso-di-n-propylamine
Concen: 38.54 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.02 min
Lab File: BF089993.D
Acq: 6 Sep 2016 17:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 418255
Ion Ratio Lower Upper
70 100
42 72.4 52.1 78.1
101 8.9 7.4 11.2
130 19.7 17.0 25.4

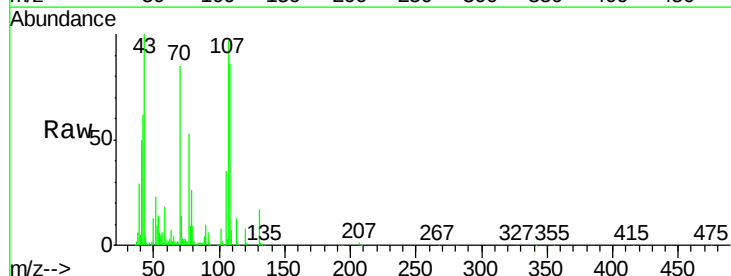


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

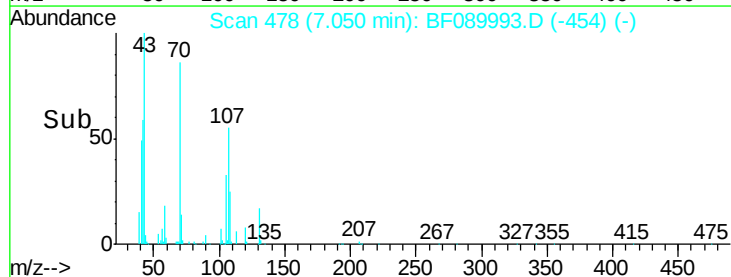
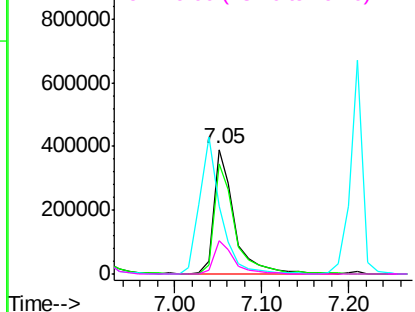


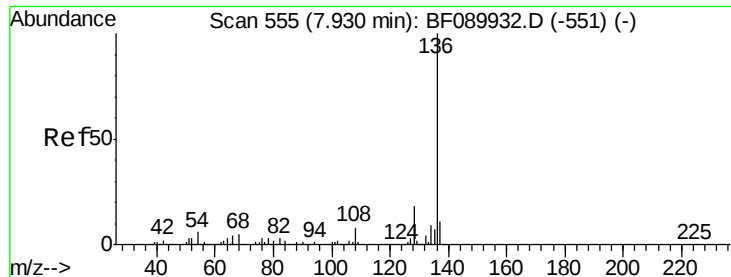
#20
3+4-Methylphenols
Concen: 43.74 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.02 min
Lab File: BF089993.D
Acq: 6 Sep 2016 17:33

Tgt Ion: 107 Resp: 629593
Ion Ratio Lower Upper
107 100
108 88.6 70.2 110.2
77 54.4 75.7 115.7#
79 26.5 7.0 47.0



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.02 min

Lab File: BF089993.D

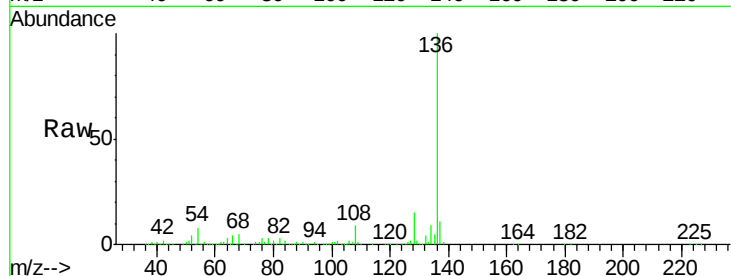
Acq: 6 Sep 2016 17:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	885209
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.3 12.5
54	7.8	4.8 7.2#
68	5.5	3.7 5.5

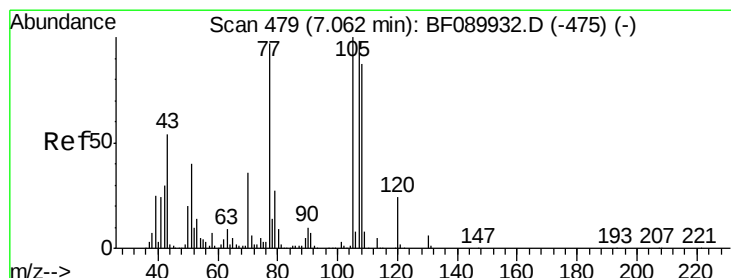
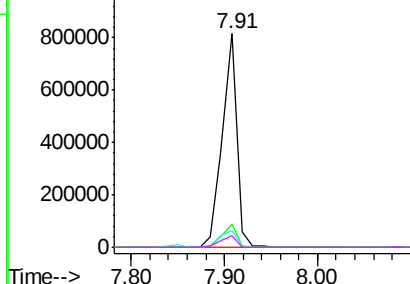
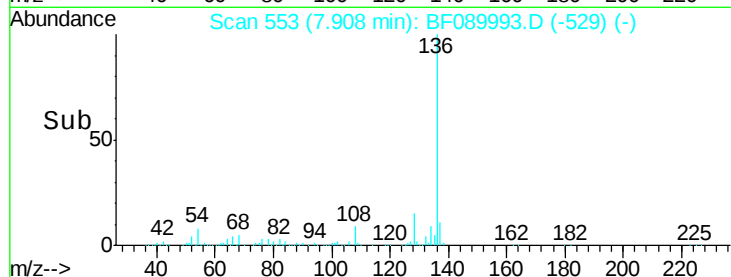


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.41 ng

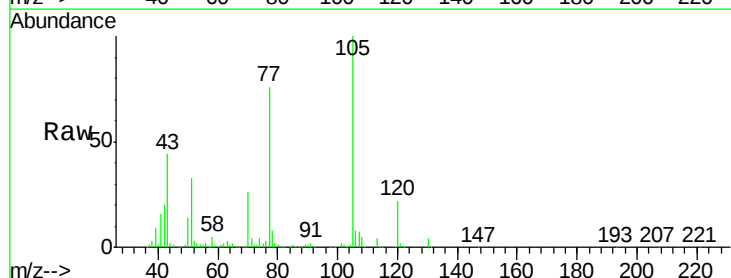
RT: 7.04 min Scan# 477

Delta R.T. -0.02 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

Tgt Ion:105	Resp:	722992
Ion Ratio	Lower	Upper
105	100	
71	4.2	5.3 7.9#
51	32.5	32.6 48.8#
120	22.4	18.6 28.0

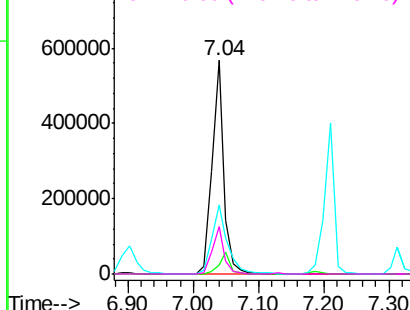
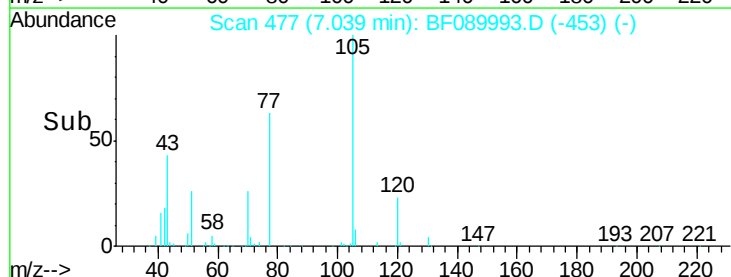


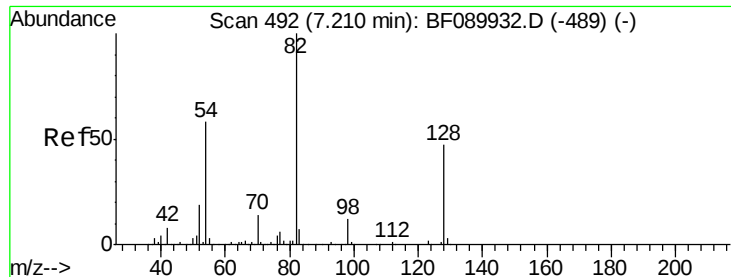
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 72.82 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.02 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

Instrument :

BNA_F

ClientSampleId :

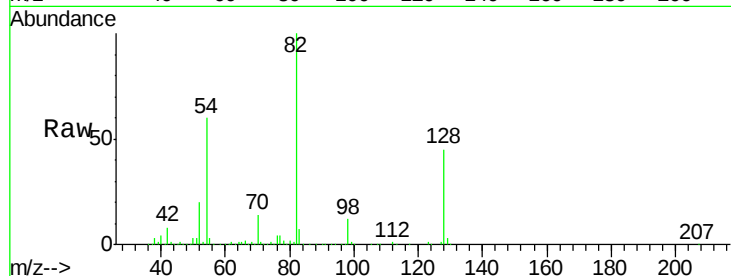
Tot Ion: 82 Resp: 1111433

Ion Ratio Lower Upper

82 100

128 44.9 37.8 56.8

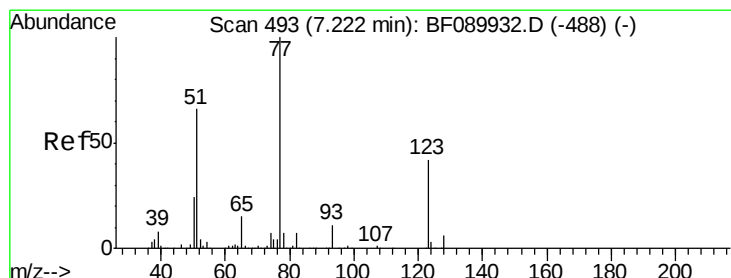
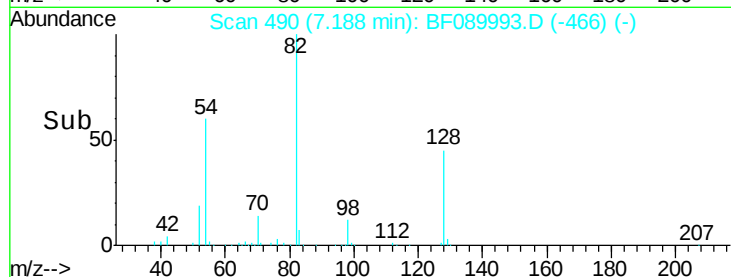
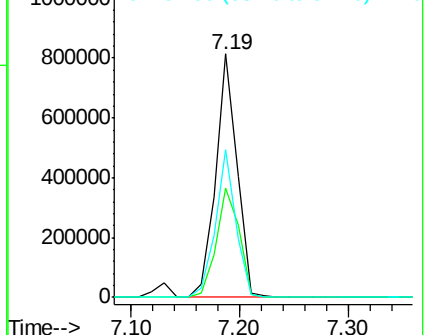
54 60.5 46.9 70.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 40.59 ng

RT: 7.21 min Scan# 492

Delta R.T. -0.02 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

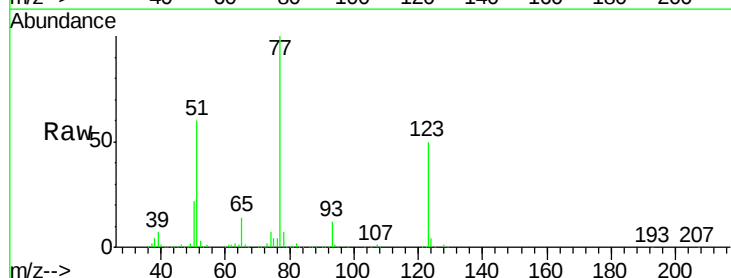
Tgt Ion: 77 Resp: 658690

Ion Ratio Lower Upper

77 100

123 50.1 32.0 48.0#

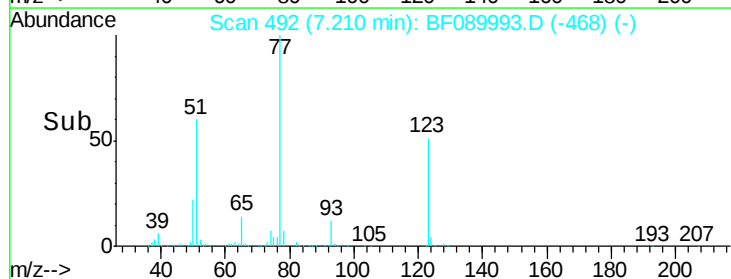
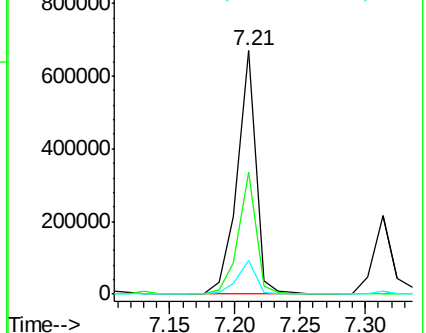
65 13.9 11.2 16.8

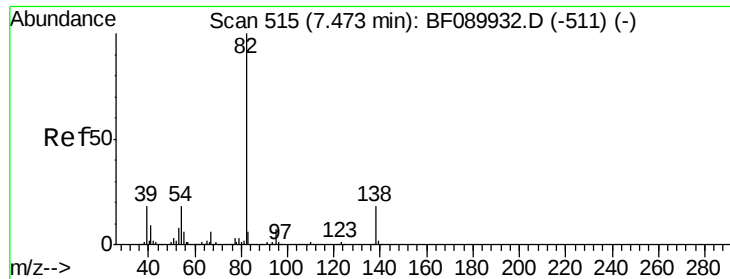


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 37.88 ng

RT: 7.45 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

Instrument :

BNA_F

ClientSampleId :

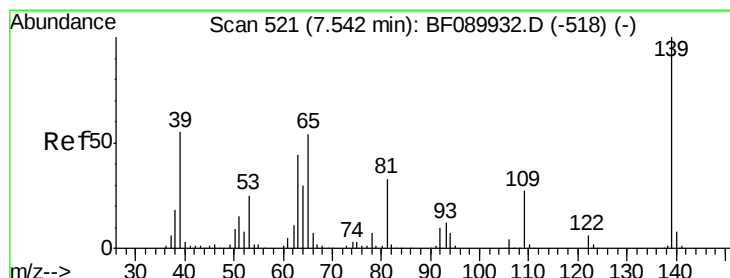
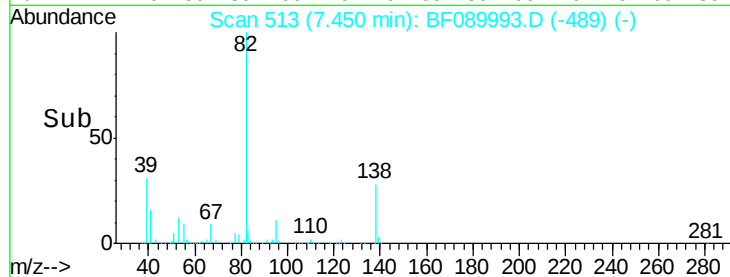
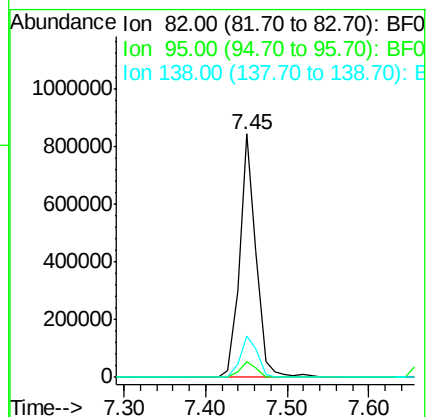
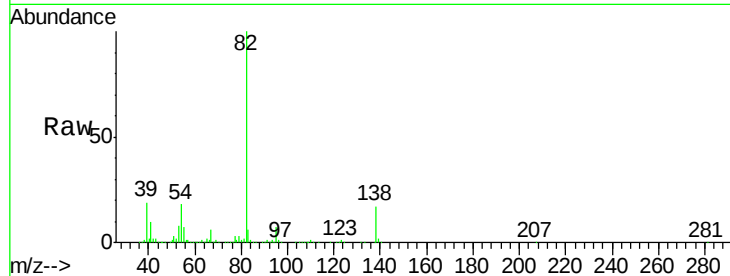
Tot Ion: 82 Resp: 1175738

Ion Ratio Lower Upper

82 100

95 6.6 5.5 8.3

138 17.2 14.4 21.6



#26

2-Nitrophenol

Concen: 44.03 ng

RT: 7.53 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

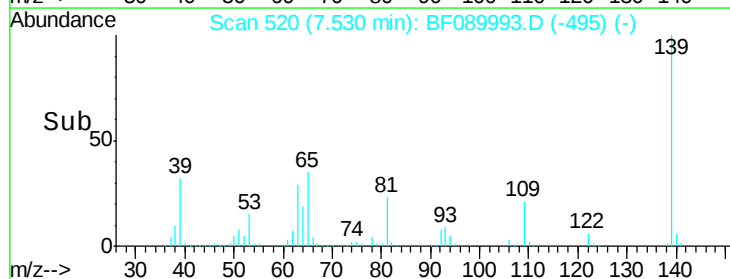
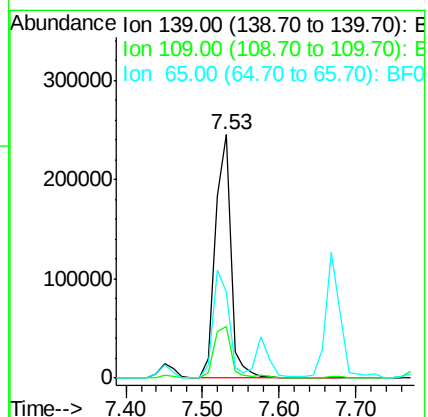
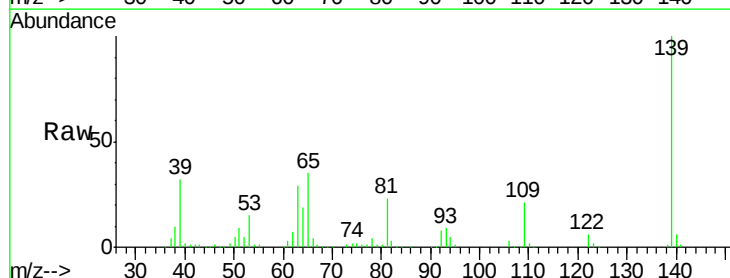
Tgt Ion: 139 Resp: 341527

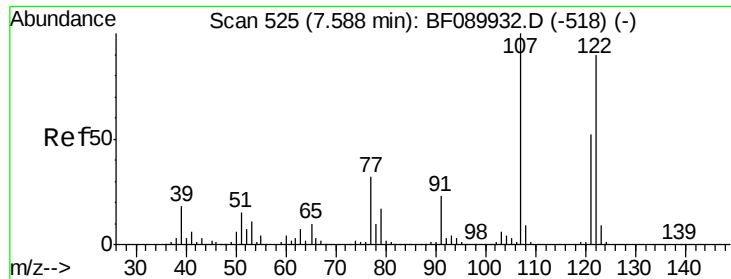
Ion Ratio Lower Upper

139 100

109 21.2 21.0 31.4

65 35.2 43.4 65.0#





#27

2,4-Dimethylphenol

Concen: 38.13 ng

RT: 7.58 min Scan# 524

Delta R.T. -0.02 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

Instrument :

BNA_F

ClientSampleId :

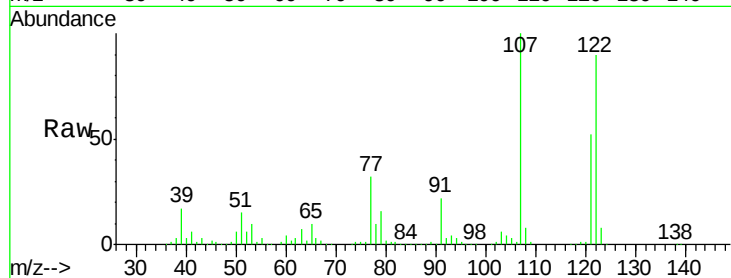
Tot Ion:122 Resp: 547189

Ion Ratio Lower Upper

122 100

107 111.7 88.5 132.7

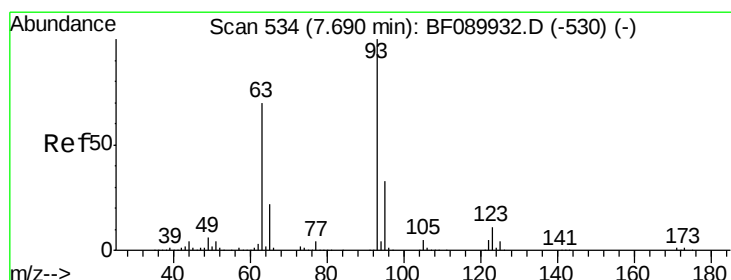
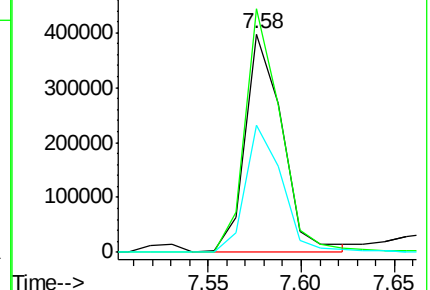
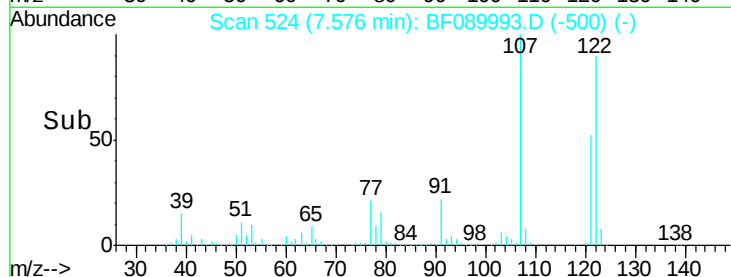
121 58.1 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.08 ng

RT: 7.67 min Scan# 532

Delta R.T. -0.02 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

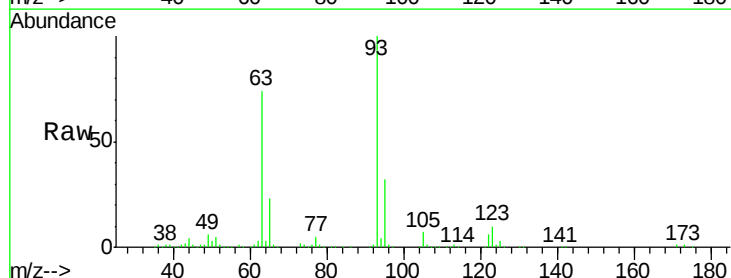
Tgt Ion: 93 Resp: 731653

Ion Ratio Lower Upper

93 100

95 32.1 26.6 40.0

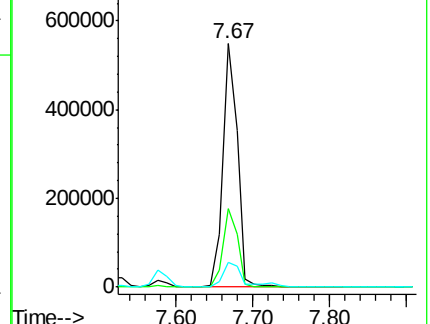
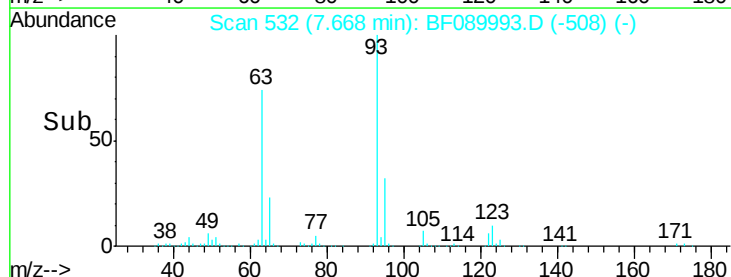
123 10.3 9.1 13.7



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

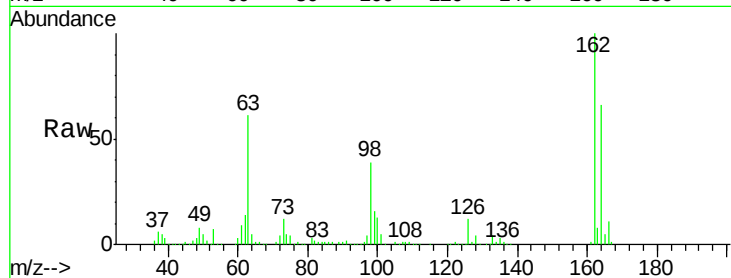




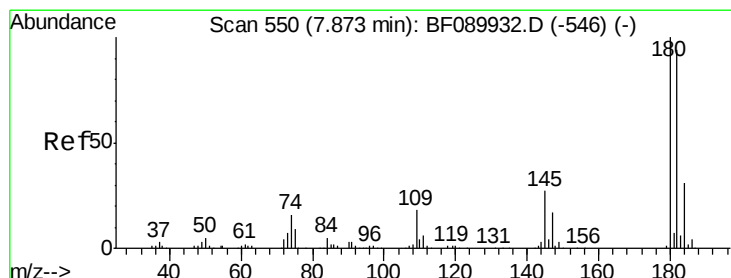
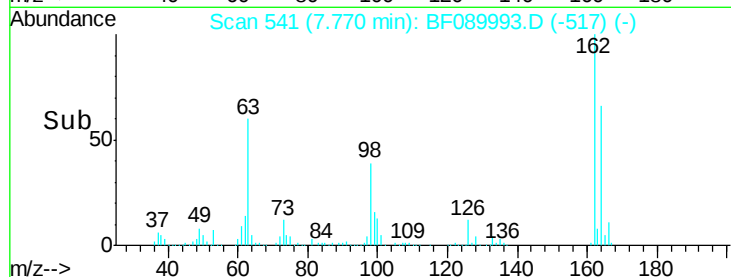
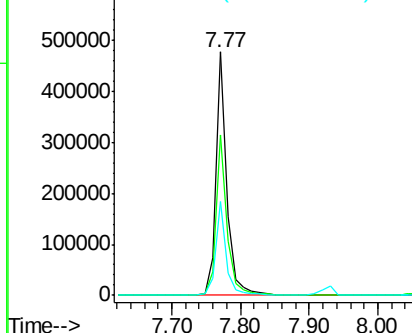
#29
 2,4-Dichlorophenol
 Concen: 41.77 ng
 RT: 7.77 min Scan# 541
 Delta R.T. -0.02 min
 Lab File: BF089993.D
 Acq: 6 Sep 2016 17:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 537267
 Ion Ratio Lower Upper
 162 100
 164 65.9 46.6 86.6
 98 38.8 22.0 62.0

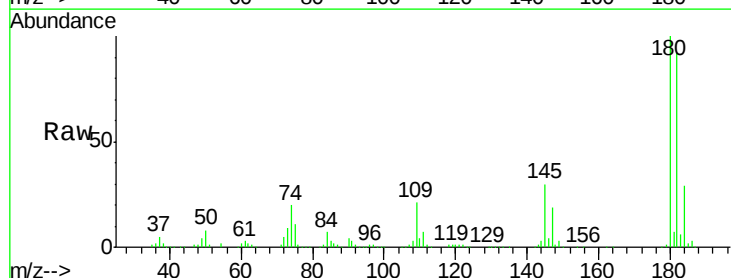


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

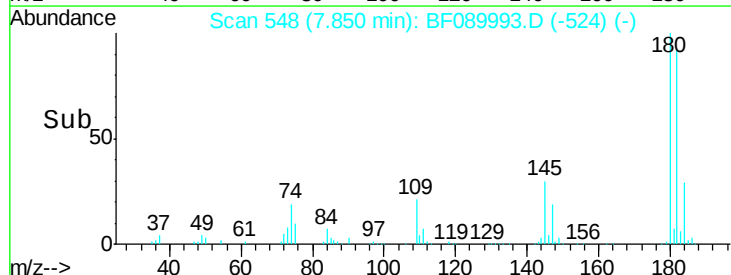
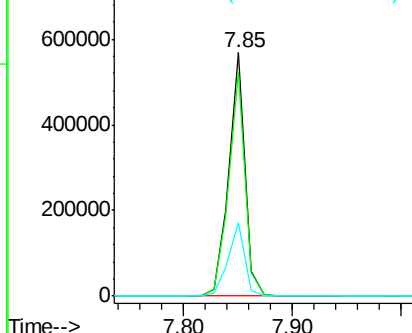


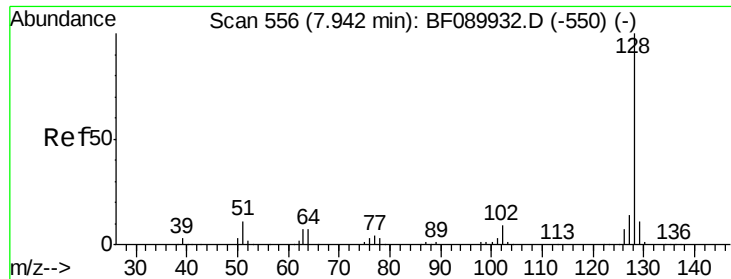
#30
 1,2,4-Trichlorobenzene
 Concen: 41.37 ng
 RT: 7.85 min Scan# 548
 Delta R.T. -0.02 min
 Lab File: BF089993.D
 Acq: 6 Sep 2016 17:33

Tgt Ion:180 Resp: 581794
 Ion Ratio Lower Upper
 180 100
 182 92.4 76.2 114.2
 145 30.4 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: 40.92 ng

RT: 7.93 min Scan# 555

Delta R.T. -0.02 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

Instrument :

BNA_F

ClientSampleId :

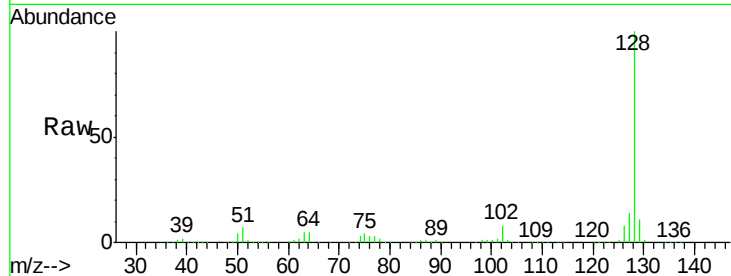
Tot Ion:128 Resp: 1804683

Ion Ratio Lower Upper

128 100

129 11.2 9.4 14.0

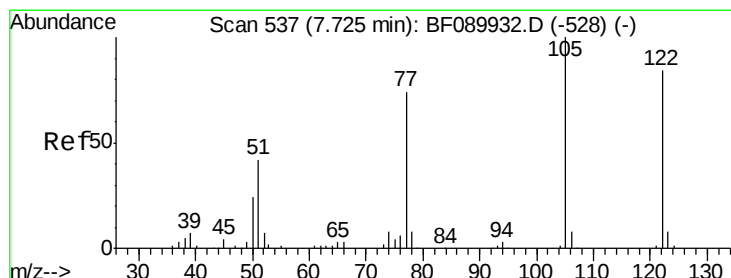
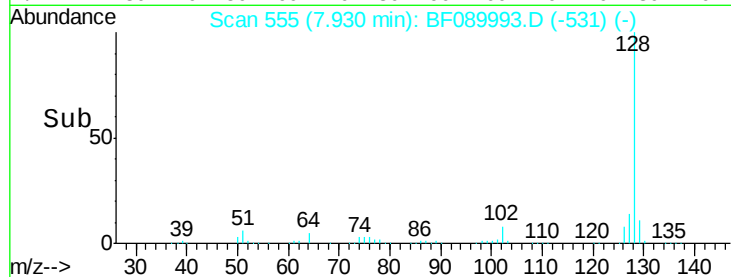
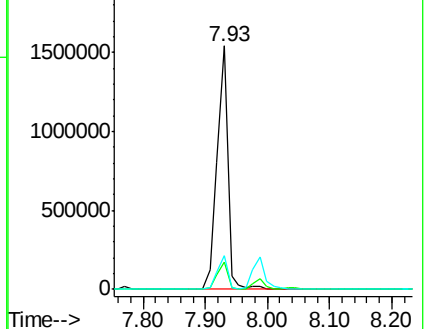
127 13.6 10.7 16.1



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: 35.30 ng

RT: 7.72 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

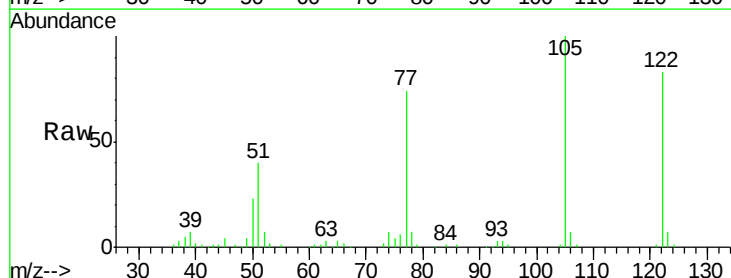
Tgt Ion:122 Resp: 341248

Ion Ratio Lower Upper

122 100

105 120.0 102.2 142.2

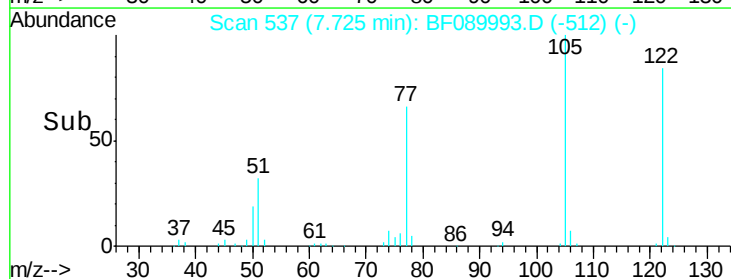
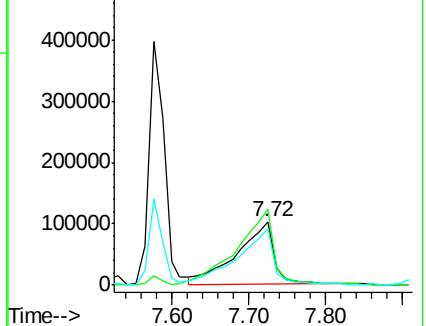
77 89.1 74.1 114.1



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

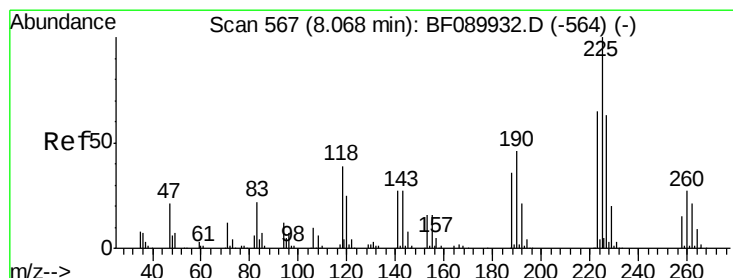
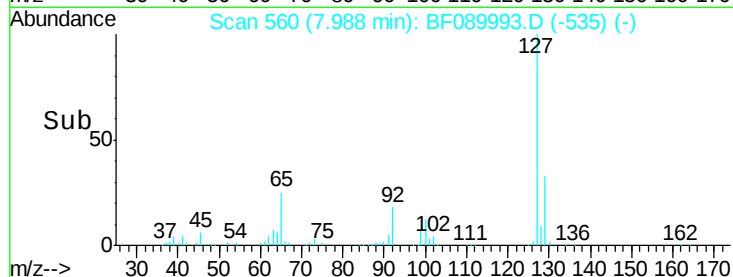
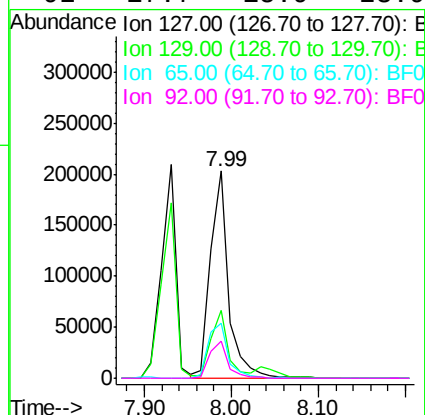
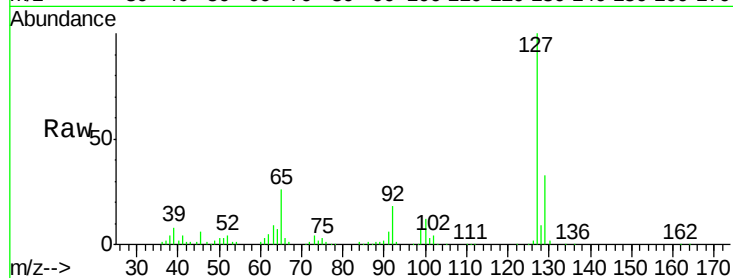




#33
4-Chloroaniline
Concen: 16.62 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF089993.D
Acq: 6 Sep 2016 17:33

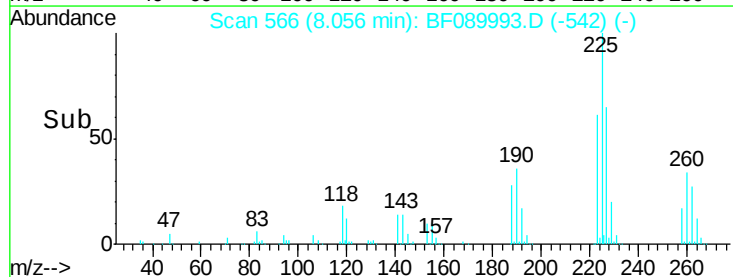
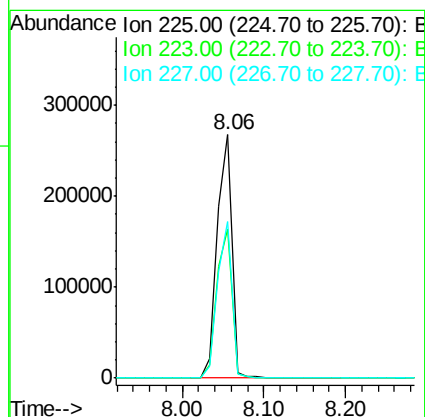
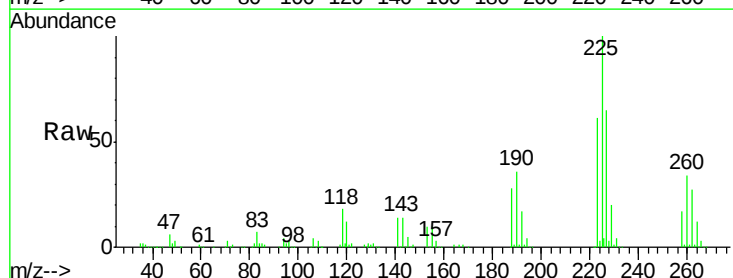
Instrument :
BNA_F
ClientSampleId :

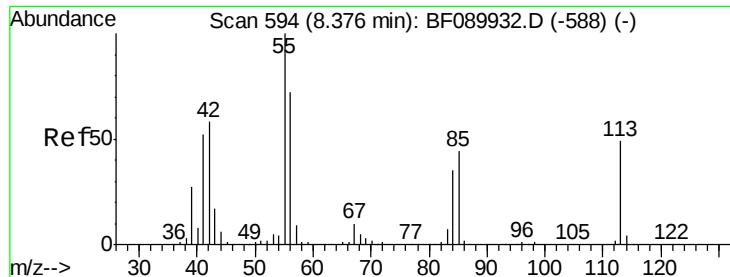
Tot Ion:	127	Resp:	295712
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	26.5	26.0	39.0
92	17.7	15.9	23.9



#34
Hexachlorobutadiene
Concen: 41.09 ng
RT: 8.06 min Scan# 566
Delta R.T. -0.02 min
Lab File: BF089993.D
Acq: 6 Sep 2016 17:33

Tgt Ion:	225	Resp:	338603
Ion	Ratio	Lower	Upper
225	100		
223	61.0	52.6	78.8
227	64.6	50.8	76.2

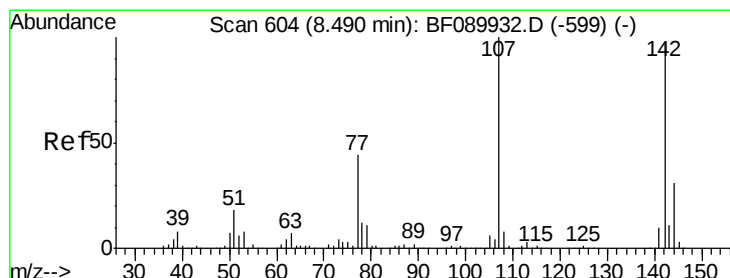
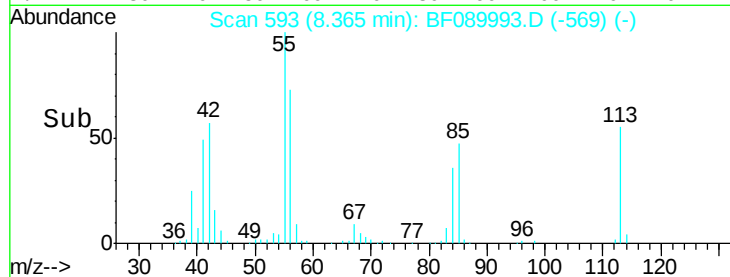
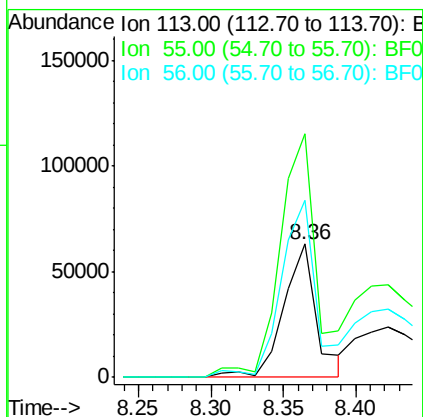
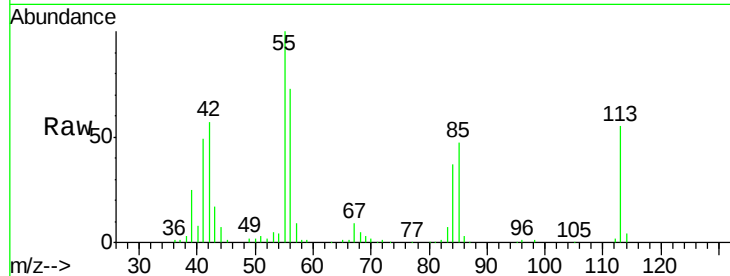




#35
Caprolactam
Concen: 24.49 ng
RT: 8.36 min Scan# 593
Delta R.T. -0.02 min
Lab File: BF089993.D
Acq: 6 Sep 2016 17:33

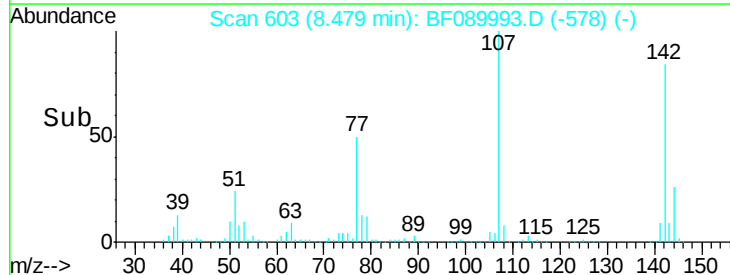
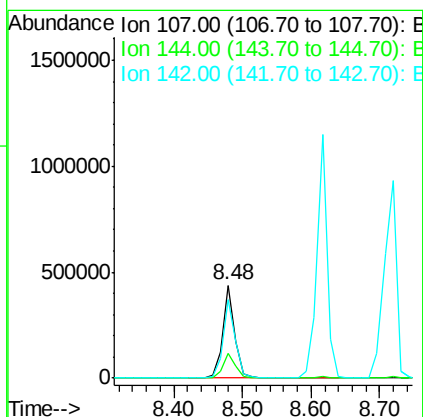
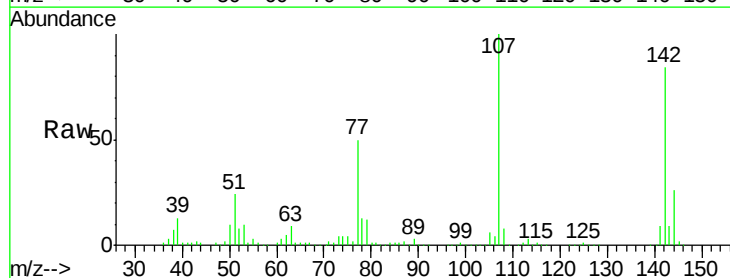
Instrument :
BNA_F
ClientSampleId :

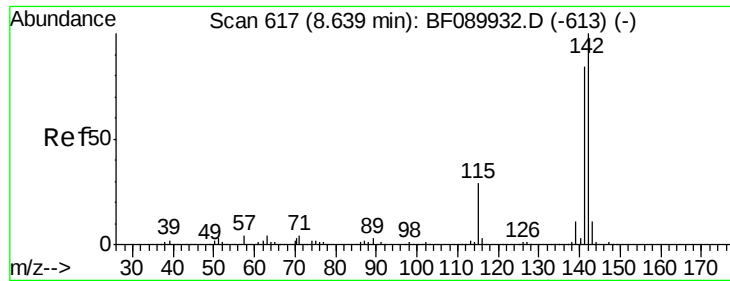
Tot Ion:113 Resp: 99444
Ion Ratio Lower Upper
113 100
55 182.5 178.5 218.5
56 132.7 122.7 162.7



#36
4-Chloro-3-methylphenol
Concen: 39.55 ng
RT: 8.48 min Scan# 603
Delta R.T. -0.01 min
Lab File: BF089993.D
Acq: 6 Sep 2016 17:33

Tgt Ion:107 Resp: 538764
Ion Ratio Lower Upper
107 100
144 26.2 25.8 38.8
142 83.6 79.2 118.8

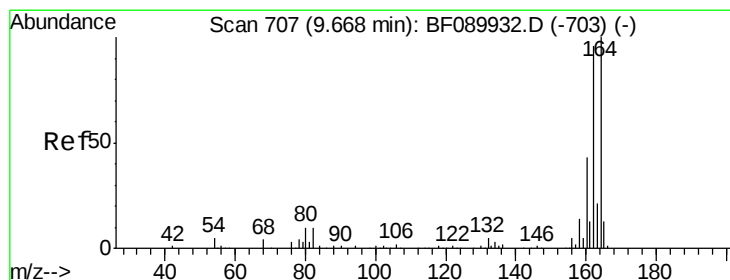
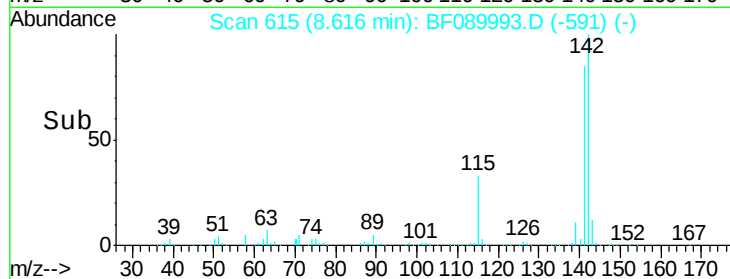
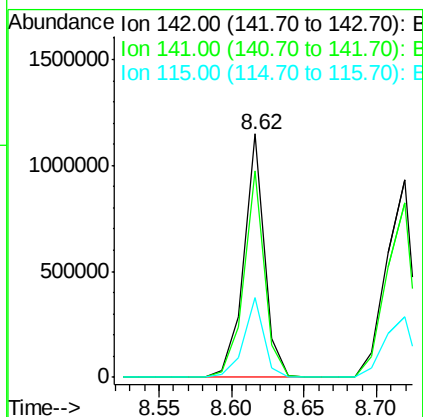
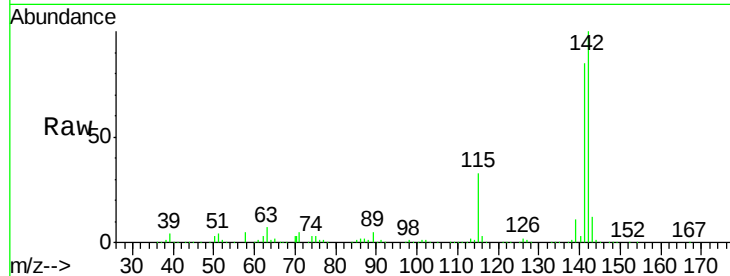




#37
2-Methylnaphthalene
Concen: 39.12 ng
RT: 8.62 min Scan# 615
Delta R.T. -0.02 min
Lab File: BF089993.D
Acq: 6 Sep 2016 17:33

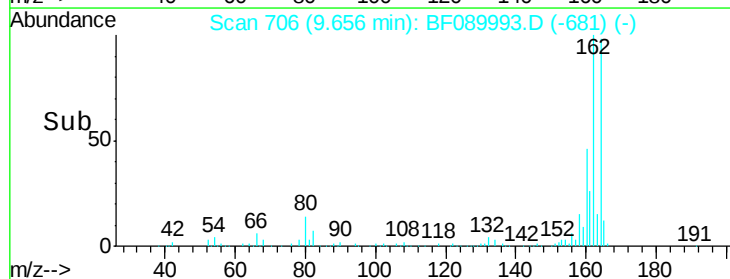
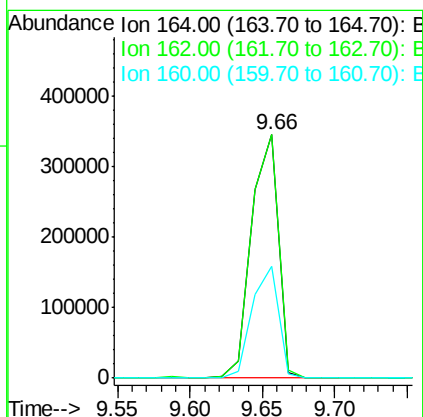
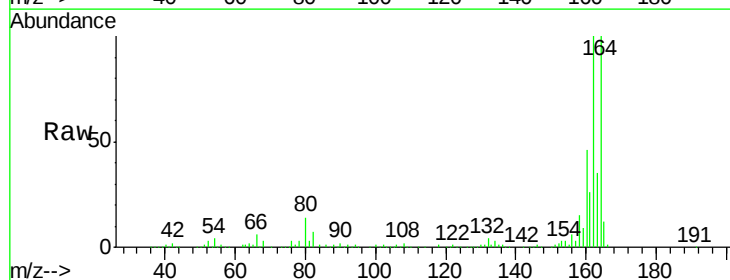
Instrument :
BNA_F
ClientSampleId :

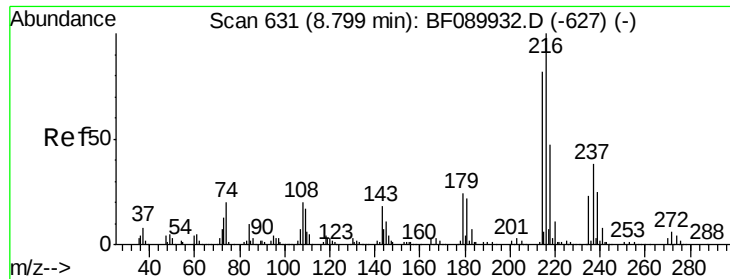
Tot Ion:142 Resp: 1139896
Ion Ratio Lower Upper
142 100
141 85.0 68.3 102.5
115 32.9 23.8 35.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF089993.D
Acq: 6 Sep 2016 17:33

Tgt Ion:164 Resp: 445270
Ion Ratio Lower Upper
164 100
162 99.9 77.1 115.7
160 46.0 35.3 52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.67 ng

RT: 8.79 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF089993.D

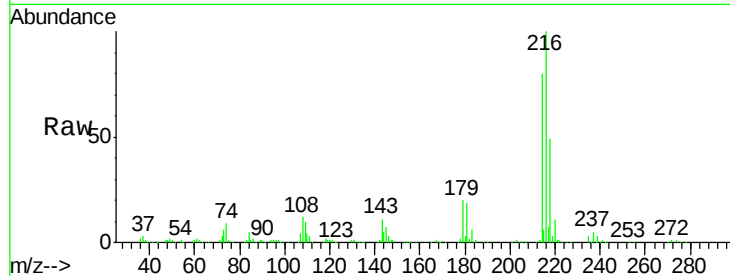
Acq: 6 Sep 2016 17:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	216	Resp:	491330
Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.4	95.2
179	20.5	17.3	25.9
108	17.9	15.5	23.3

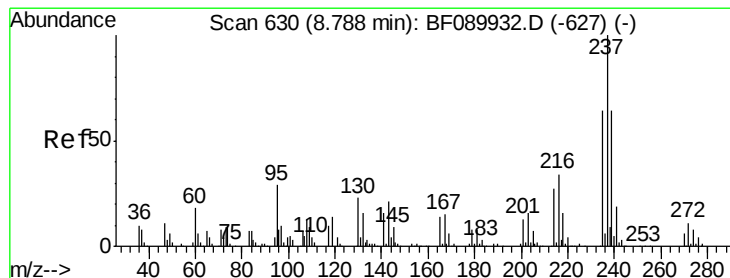
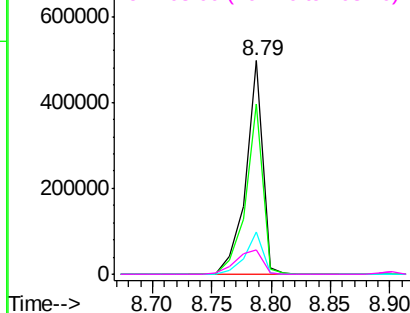
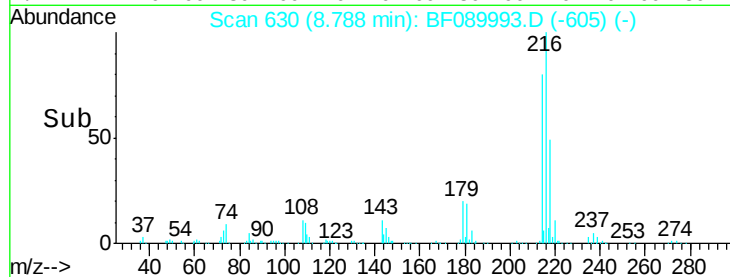


Abundance Ion 216.00 (215.70 to 216.70): E

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: 90.06 ng

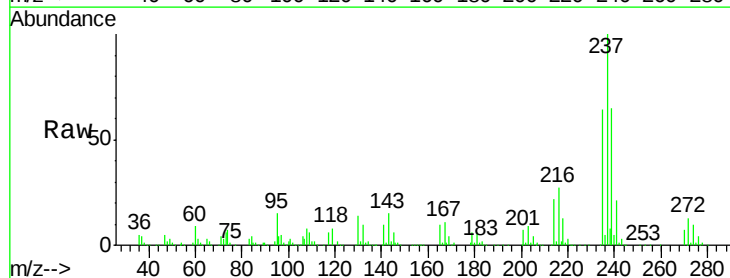
RT: 8.78 min Scan# 629

Delta R.T. -0.02 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

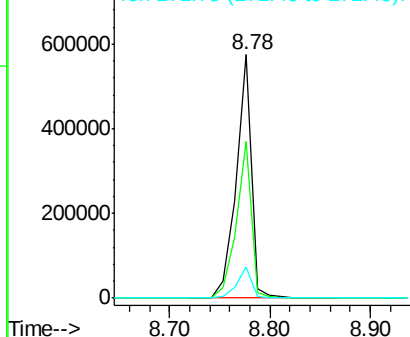
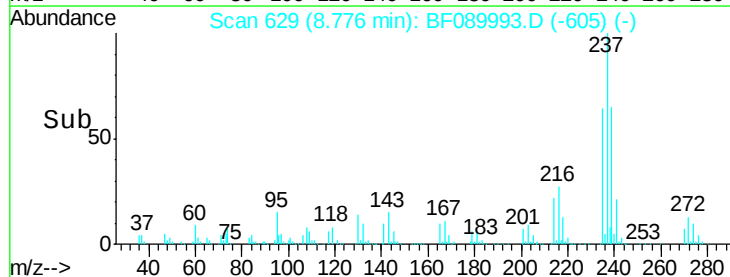
Tgt Ion:	237	Resp:	602368
Ion	Ratio	Lower	Upper
237	100		
235	64.2	39.6	79.6
272	12.9	0.0	34.6

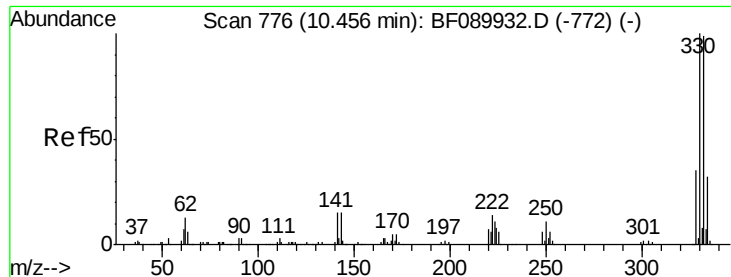


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

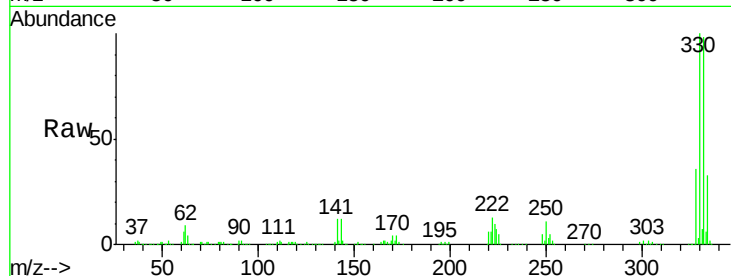




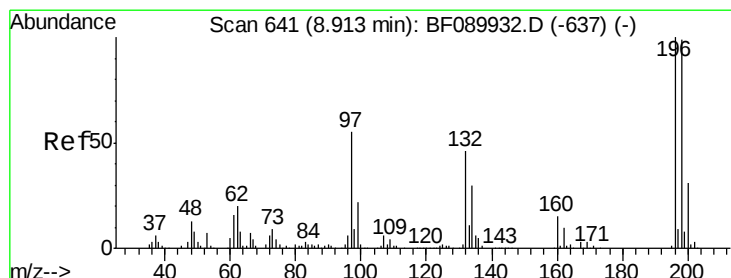
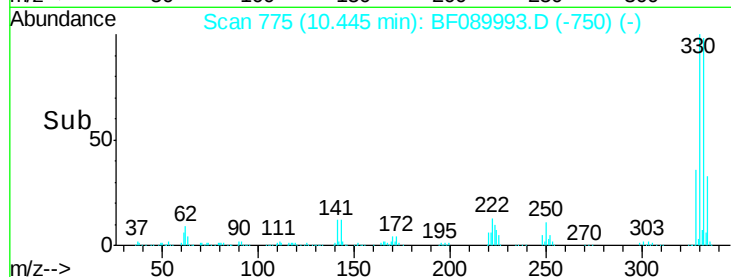
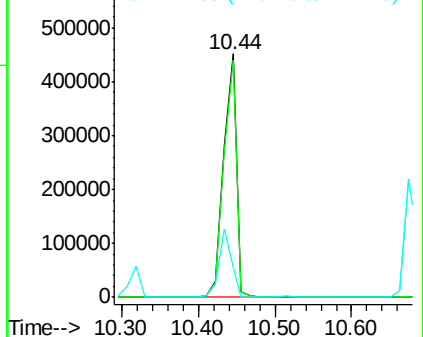
#41
 2,4,6-Tribromophenol
 Concen: 122.42 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF089993.D
 Acq: 6 Sep 2016 17:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 537777
 Ion Ratio Lower Upper
 330 100
 332 97.1 78.6 117.8
 141 27.2 23.3 34.9

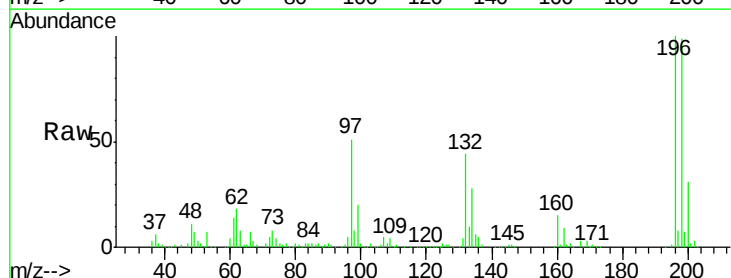


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

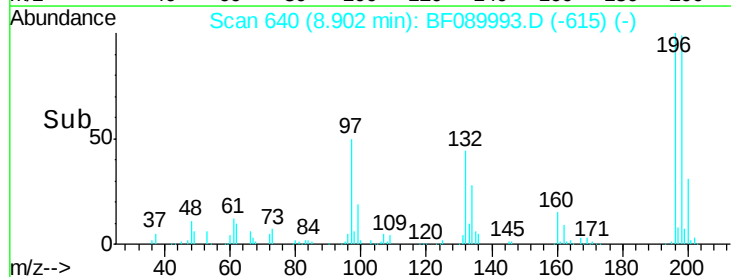
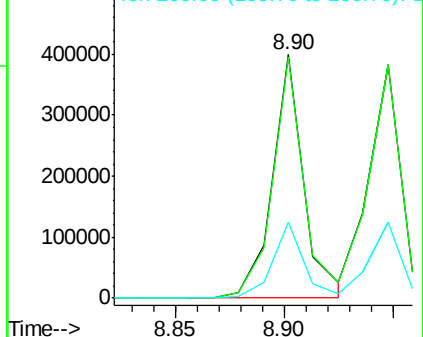


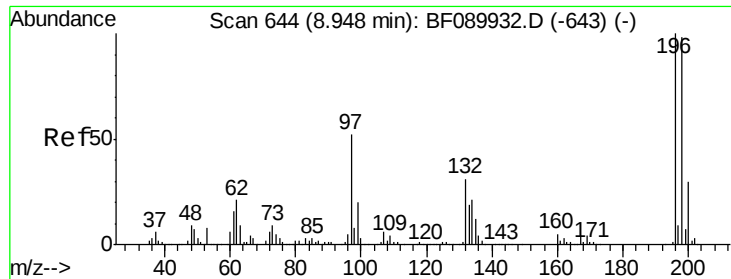
#42
 2,4,6-Trichlorophenol
 Concen: 44.62 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.01 min
 Lab File: BF089993.D
 Acq: 6 Sep 2016 17:33

Tgt Ion:196 Resp: 403317
 Ion Ratio Lower Upper
 196 100
 198 98.9 78.3 117.5
 200 31.2 24.8 37.2



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

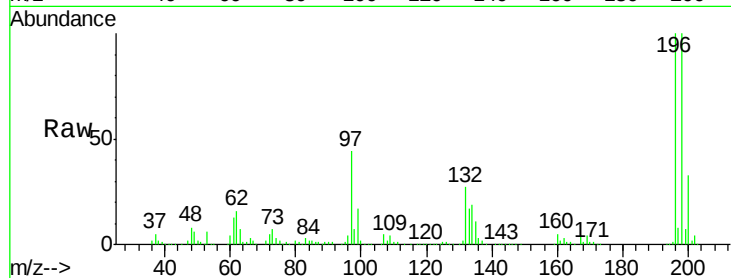




#43
 2,4,5-Trichlorophenol
 Concen: 45.67 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.01 min
 Lab File: BF089993.D
 Acq: 6 Sep 2016 17:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		396966		
198	99.7	80.8	121.2		
97	43.7	44.2	66.4		
132	27.4	25.8	38.6		



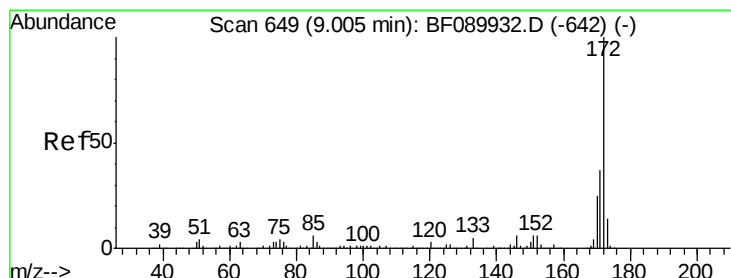
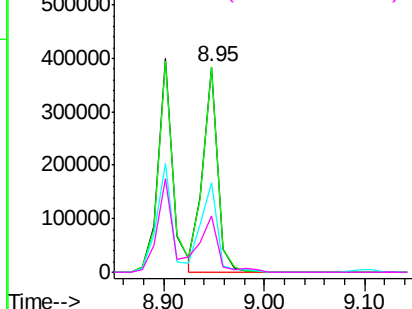
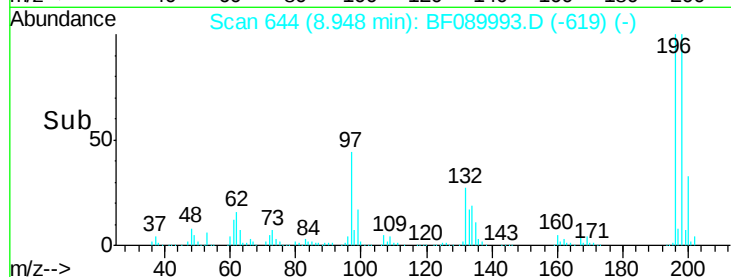
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

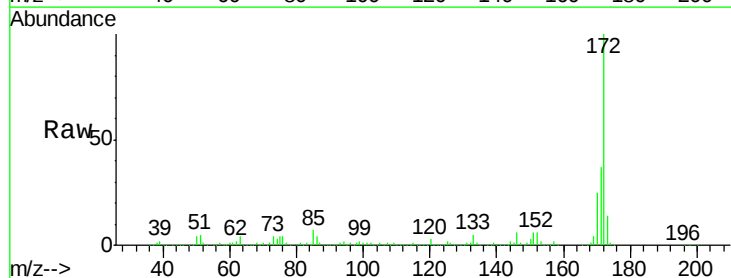
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 80.56 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.02 min
 Lab File: BF089993.D
 Acq: 6 Sep 2016 17:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		2185247		
171	36.5	29.4	44.2		
170	24.8	20.1	30.1		

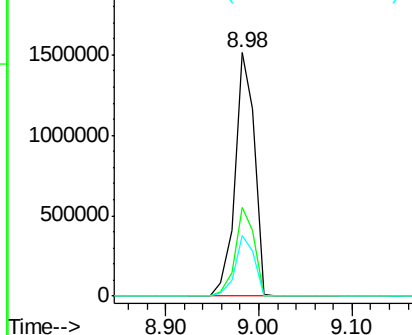
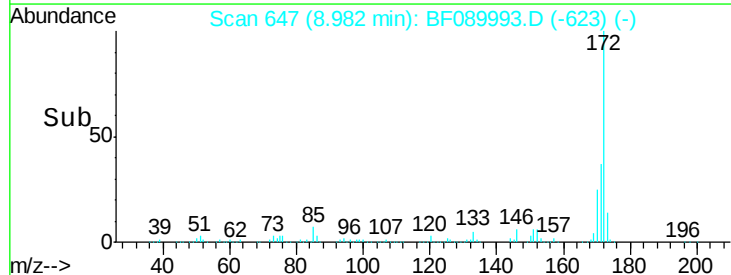


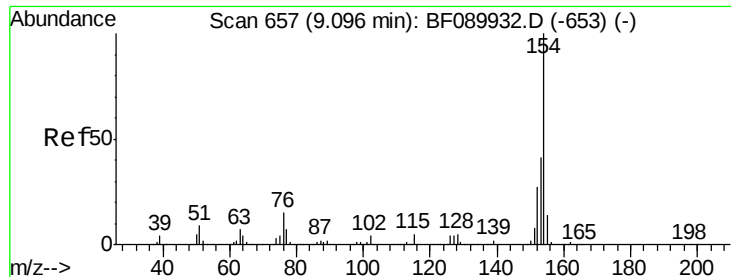
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

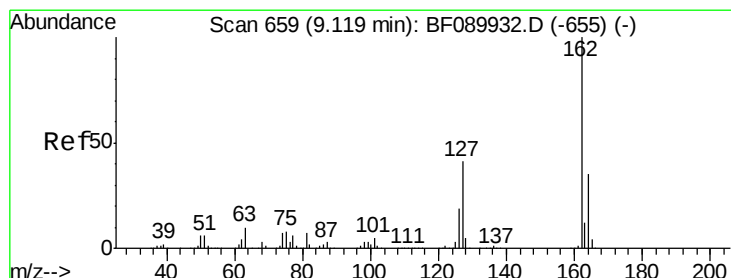
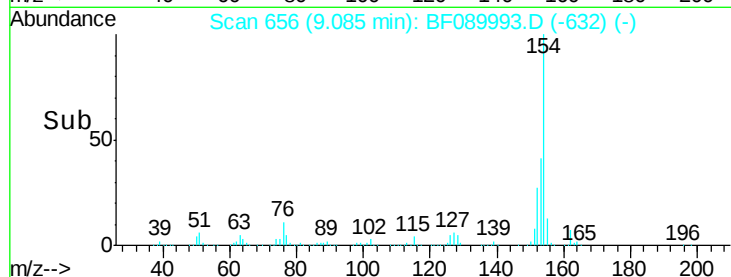
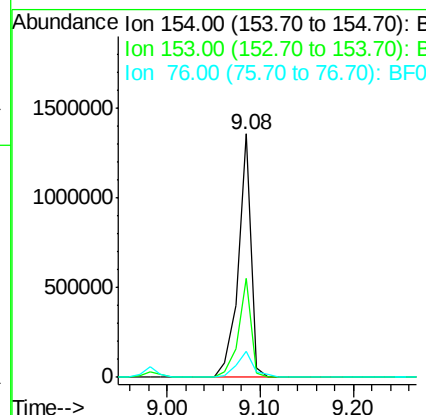
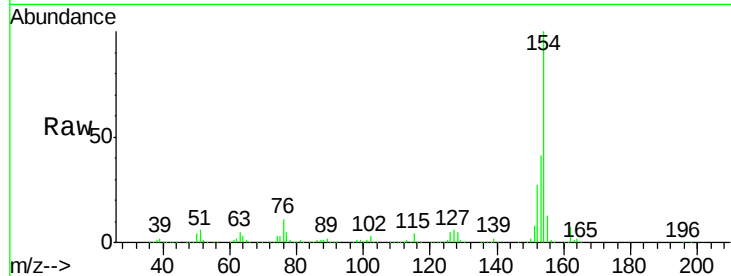




#45
 1,1'-Biphenyl
 Concen: 36.51 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.02 min
 Lab File: BF089993.D
 Acq: 6 Sep 2016 17:33

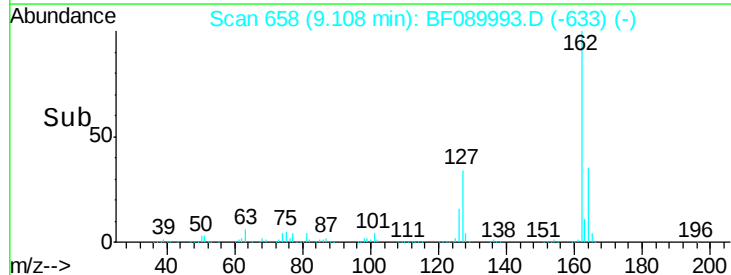
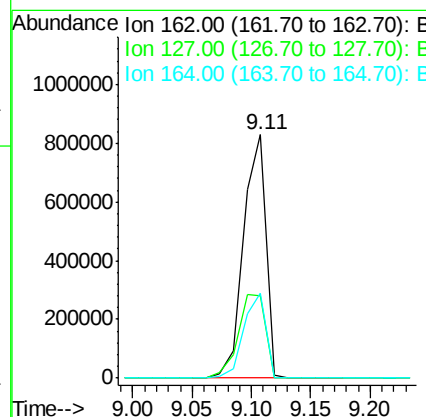
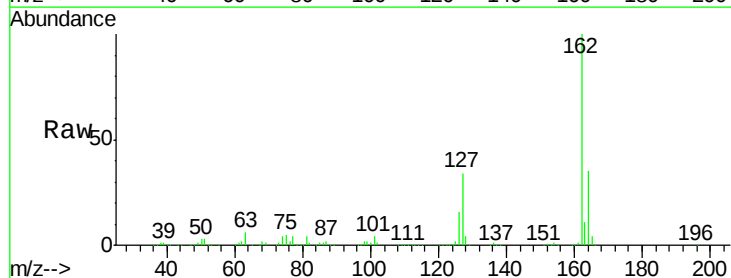
Instrument :
 BNA_F
 ClientSampleId :

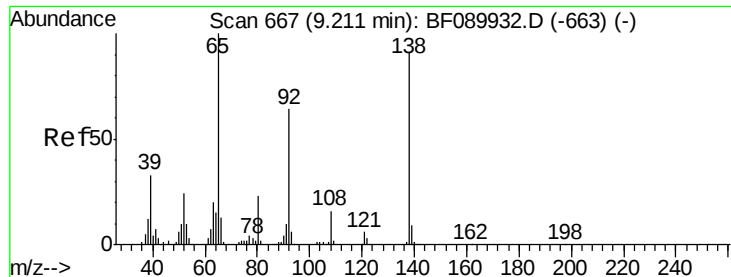
Tot Ion:154 Resp: 1308875
 Ion Ratio Lower Upper
 154 100
 153 40.7 20.6 60.6
 76 10.7 0.0 34.9



#46
 2-Chloronaphthalene
 Concen: 43.11 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF089993.D
 Acq: 6 Sep 2016 17:33

Tgt Ion:162 Resp: 1093332
 Ion Ratio Lower Upper
 162 100
 127 34.0 33.5 50.3
 164 34.9 28.2 42.4

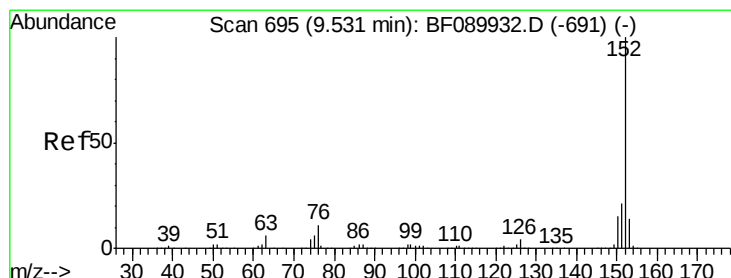
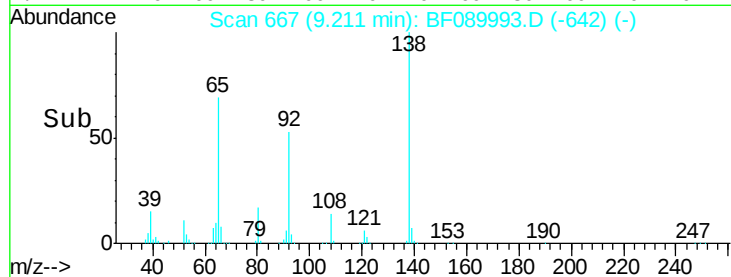
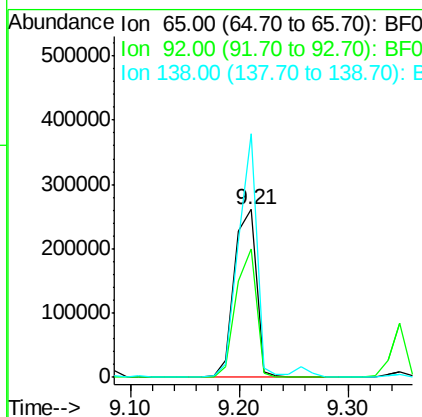
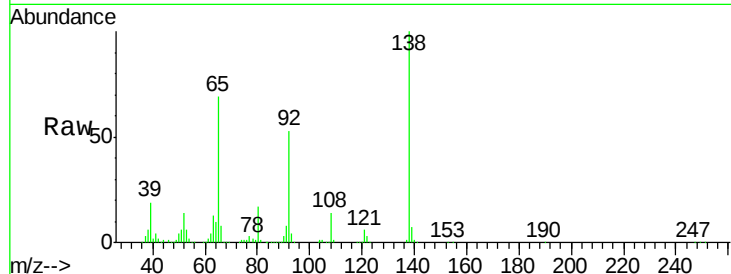




#47
2-Nitroaniline
Concen: 43.96 ng
RT: 9.21 min Scan# 667
Delta R.T. -0.01 min
Lab File: BF089993.D
Acq: 6 Sep 2016 17:33

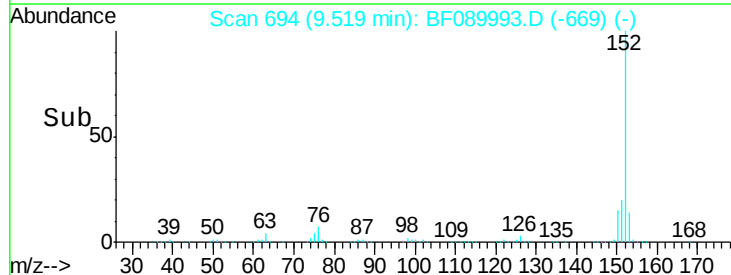
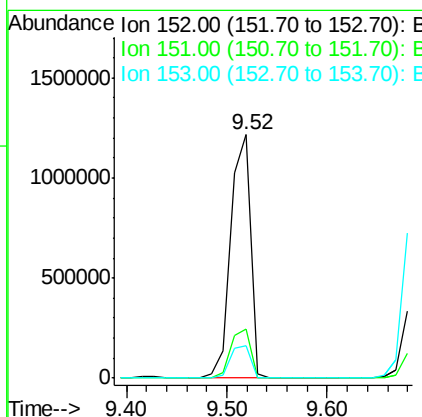
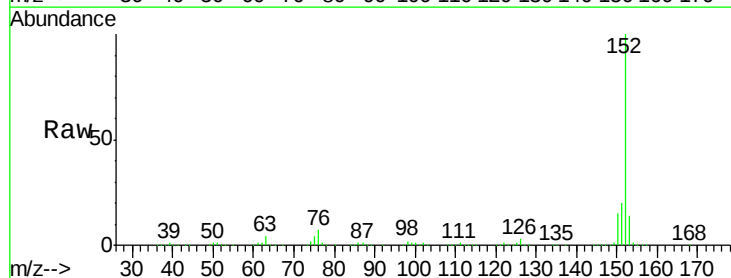
Instrument :
BNA_F
ClientSampleId :

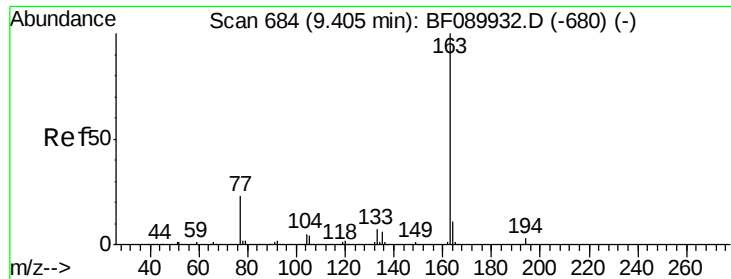
Tot Ion: 65 Resp: 364425
Ion Ratio Lower Upper
65 100
92 76.6 52.0 78.0
138 145.1 72.1 108.1#



#48
Acenaphthylene
Concen: 39.63 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF089993.D
Acq: 6 Sep 2016 17:33

Tgt Ion: 152 Resp: 1661950
Ion Ratio Lower Upper
152 100
151 20.2 16.7 25.1
153 13.5 11.6 17.4

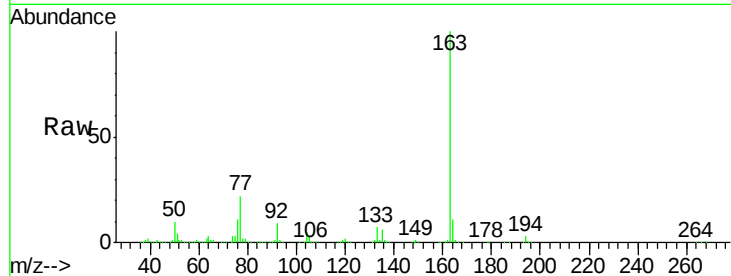




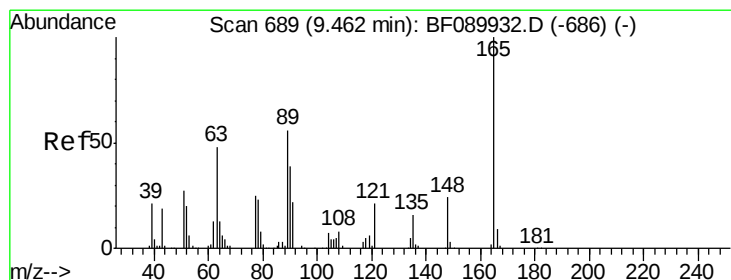
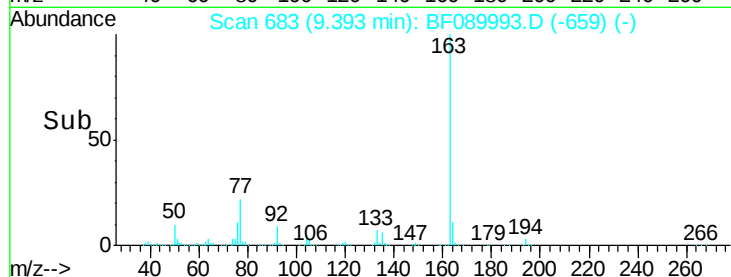
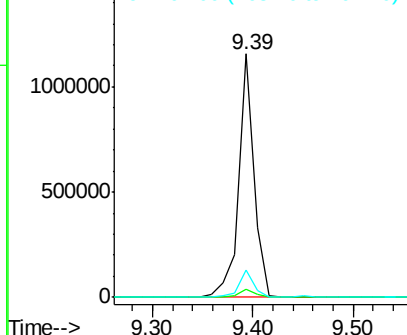
#49
Dimethylphthalate
Concen: 38.14 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.02 min
Lab File: BF089993.D
Acq: 6 Sep 2016 17:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1227574
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 11.0 9.0 13.4

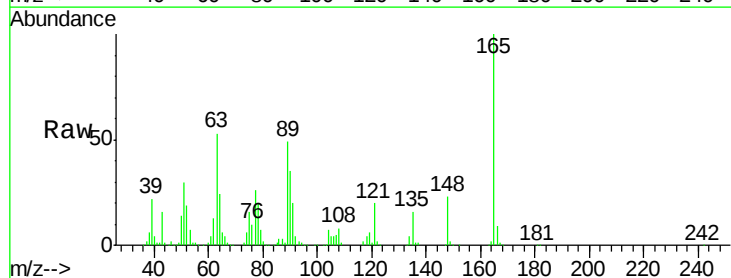


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

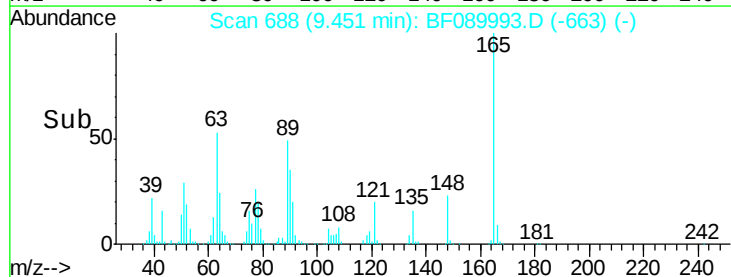
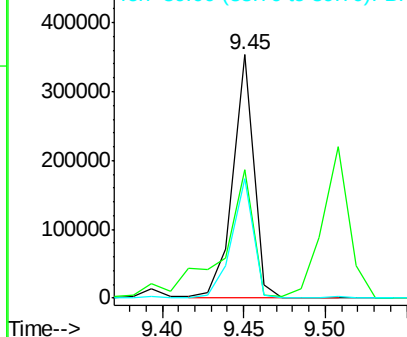


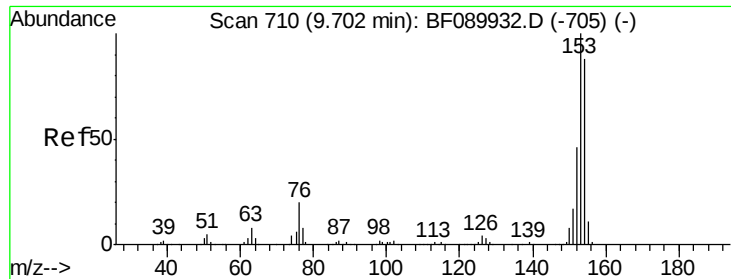
#50
2,6-Dinitrotoluene
Concen: 43.40 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF089993.D
Acq: 6 Sep 2016 17:33

Tgt Ion:165 Resp: 310681
Ion Ratio Lower Upper
165 100
63 52.8 45.0 67.4
89 49.3 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: 41.98 ng

RT: 9.69 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

Instrument :

BNA_F

ClientSampleId :

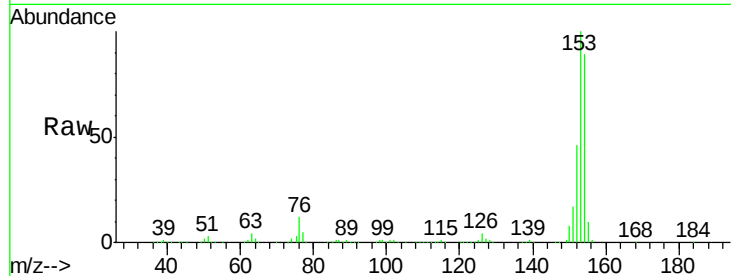
Tot Ion:154 Resp: 1115331

Ion Ratio Lower Upper

154 100

153 112.8 90.6 135.8

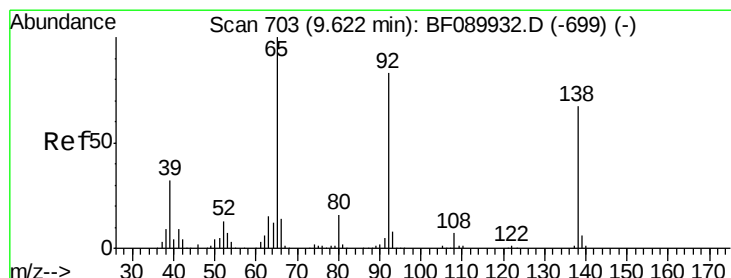
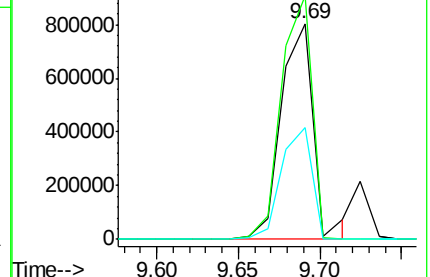
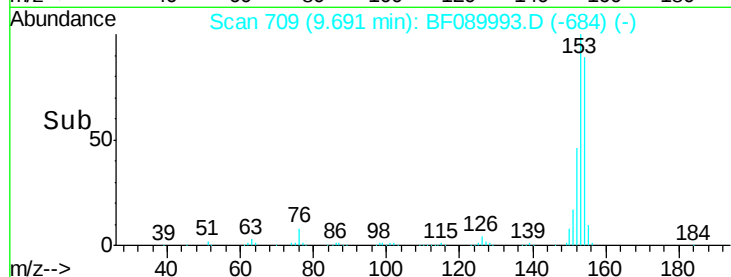
152 51.5 42.4 63.6



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: 29.92 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

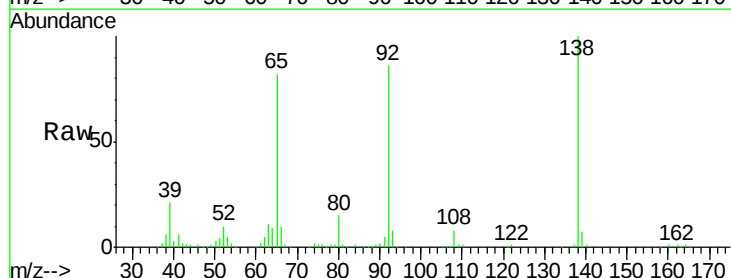
Tgt Ion:138 Resp: 244243

Ion Ratio Lower Upper

138 100

108 8.0 8.3 12.5#

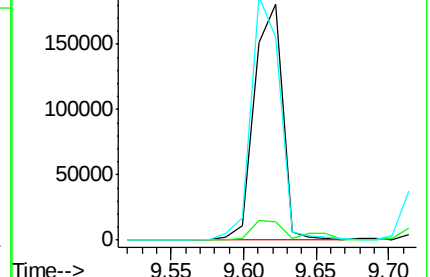
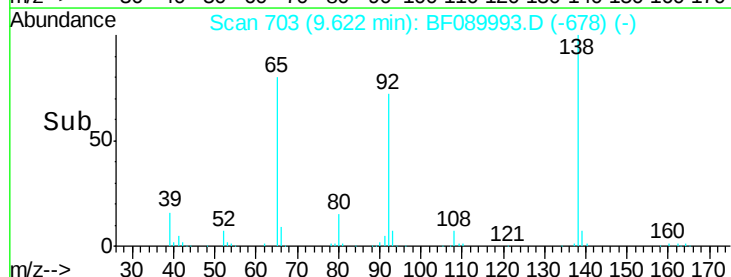
92 86.0 99.1 148.7#

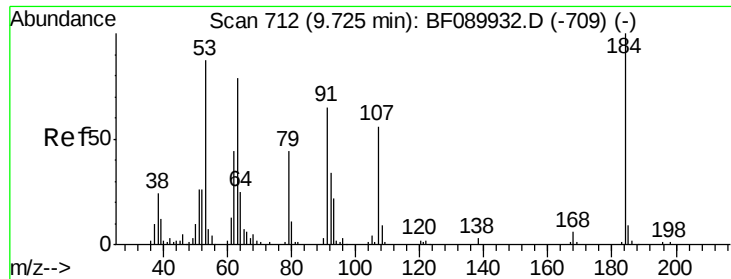


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

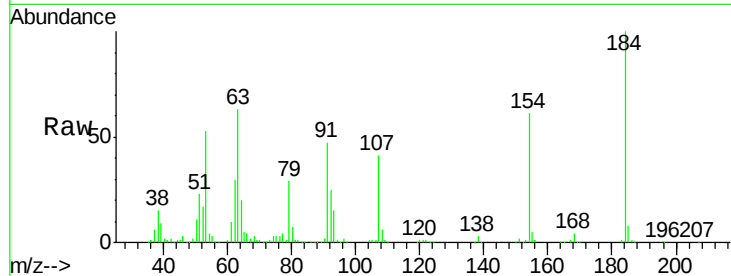




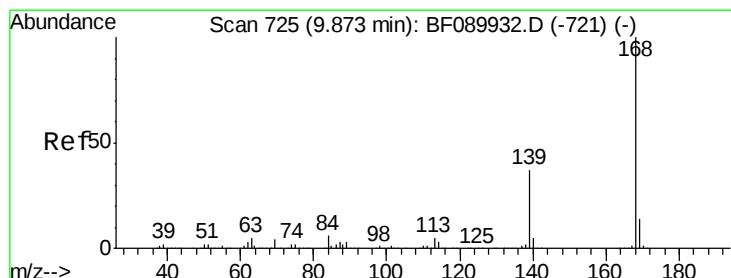
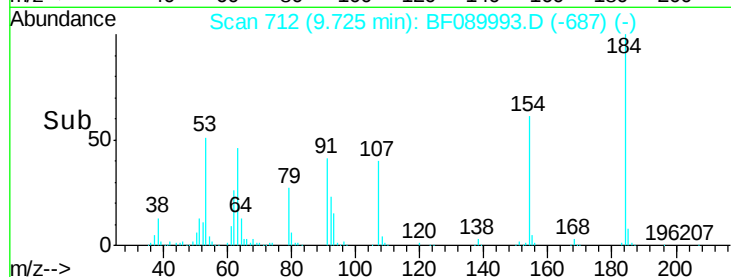
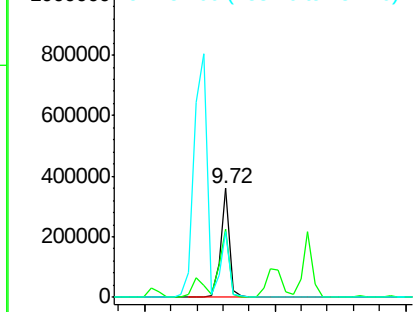
#53
2,4-Dinitrophenol
Concen: 73.67 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF089993.D
Acq: 6 Sep 2016 17:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 354562
Ion Ratio Lower Upper
184 100
63 62.6 73.9 110.9#
154 60.6 53.5 80.3

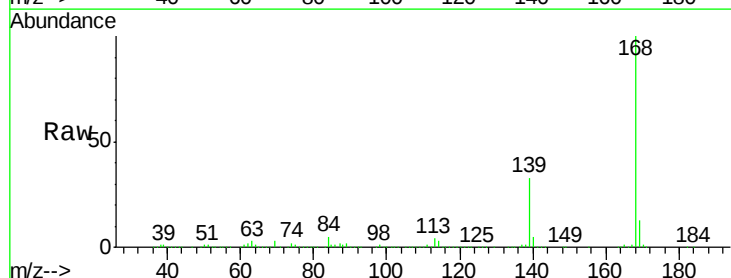


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

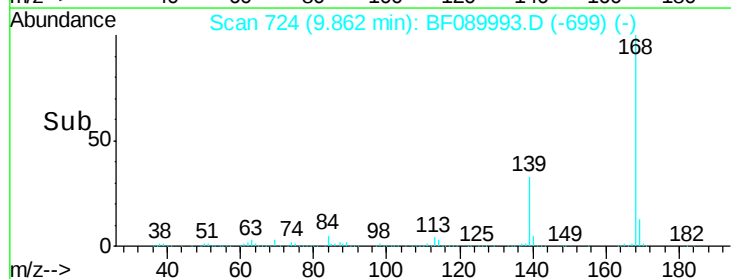
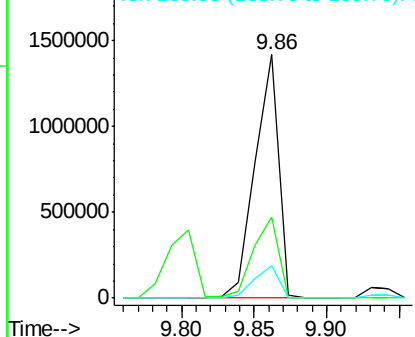


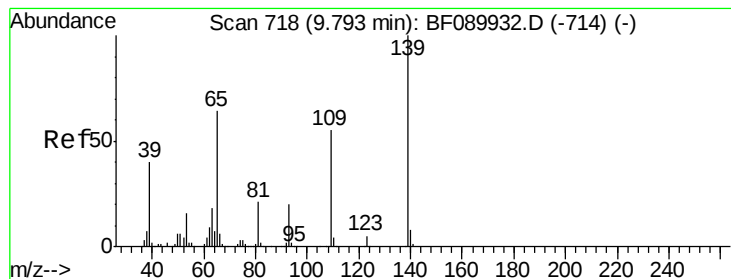
#54
Dibenzofuran
Concen: 45.02 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF089993.D
Acq: 6 Sep 2016 17:33

Tgt Ion:168 Resp: 1602753
Ion Ratio Lower Upper
168 100
139 33.2 29.5 44.3
169 13.3 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: 90.73 ng

RT: 9.80 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

Instrument :

BNA_F

ClientSampled :

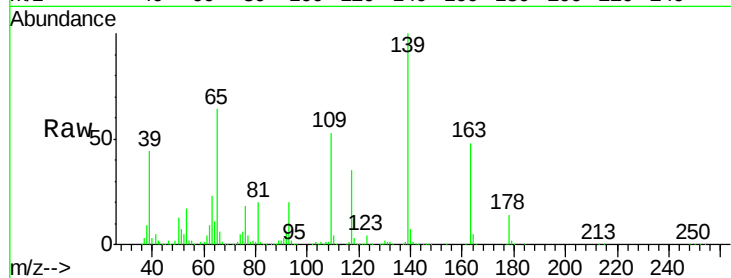
Tot Ion:139 Resp: 558677

Ion Ratio Lower Upper

139 100

109 53.3 31.3 71.3

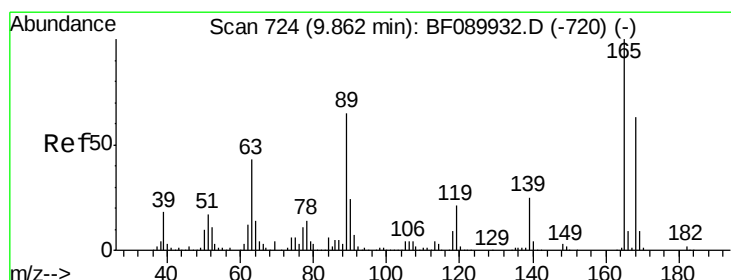
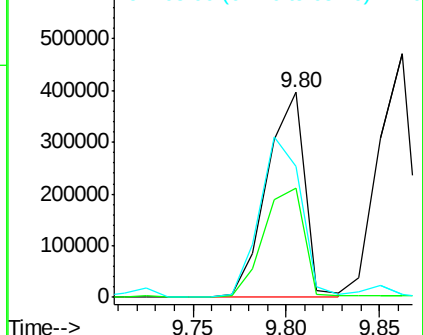
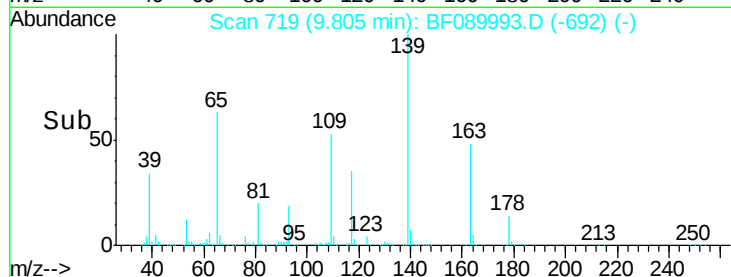
65 64.1 38.5 78.5



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: 39.77 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

Tgt Ion:165 Resp: 360980

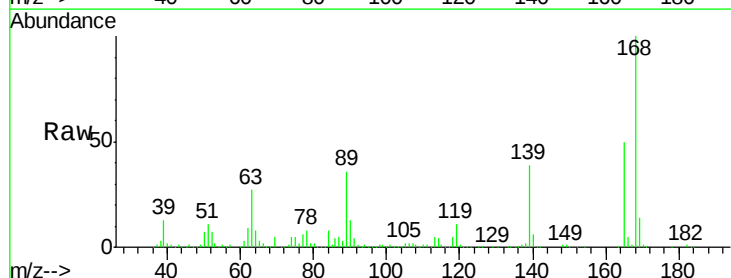
Ion Ratio Lower Upper

165 100

63 54.2 32.5 48.7#

89 71.1 48.3 72.5

182 2.3 1.7 2.5

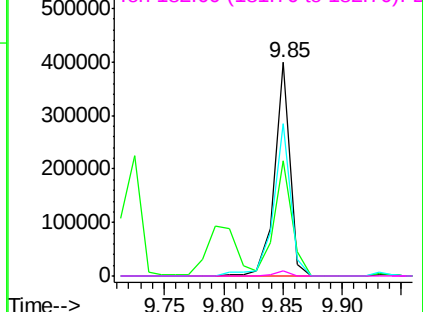
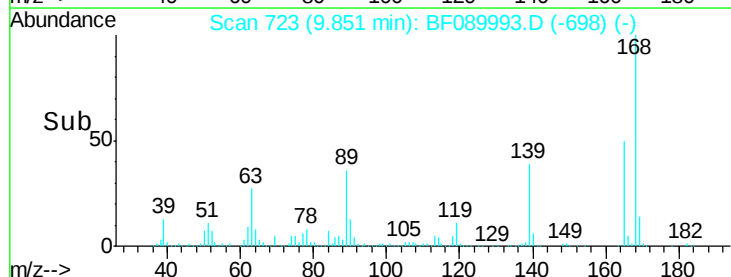


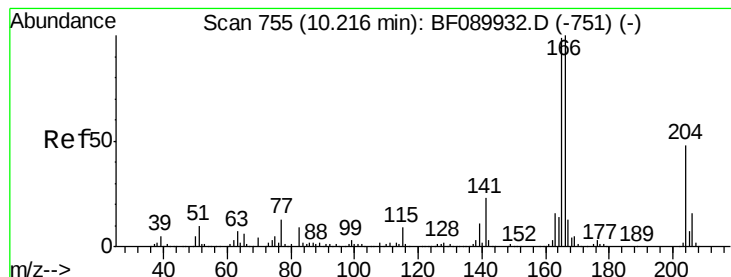
Abundance Ion 165.00 (164.70 to 165.70): E

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: 39.38 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

Instrument :

BNA_F

ClientSampled :

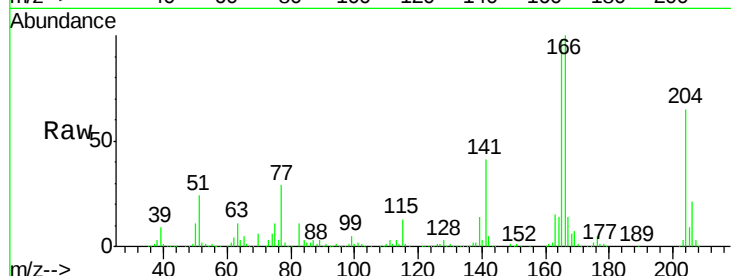
Tot Ion:166 Resp: 1024482

Ion Ratio Lower Upper

166 100

165 98.0 78.6 118.0

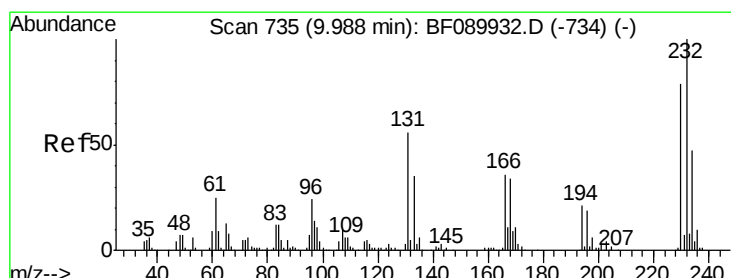
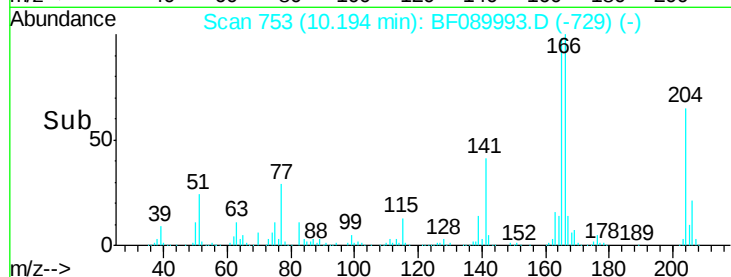
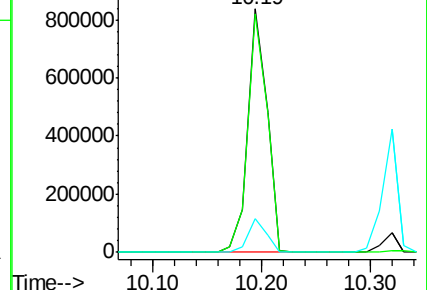
167 13.9 10.6 15.8



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: 45.47 ng

RT: 9.98 min Scan# 734

Delta R.T. -0.02 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

Tgt Ion:232 Resp: 338413

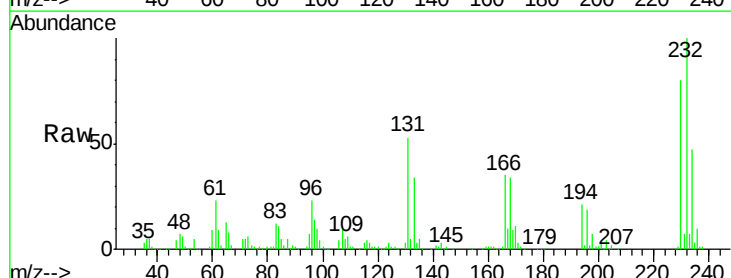
Ion Ratio Lower Upper

232 100

131 42.4 36.3 54.5

130 2.0 1.7 2.5

166 29.5 24.4 36.6

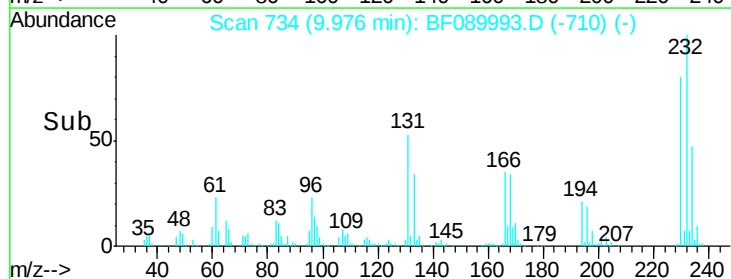
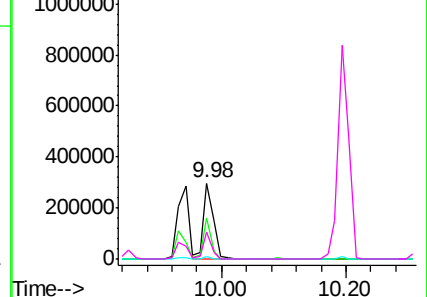


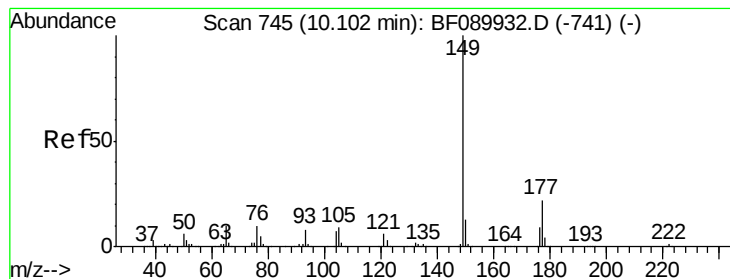
Abundance Ion 232.00 (231.70 to 232.70): E

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: 39.50 ng

RT: 10.09 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

Instrument :

BNA_F

ClientSampleId :

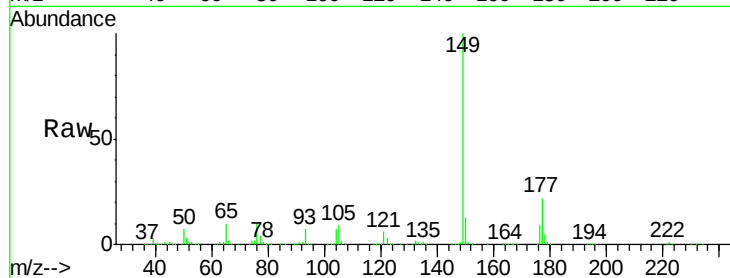
Tot Ion:149 Resp: 1195793

Ion Ratio Lower Upper

149 100

177 22.5 17.7 26.5

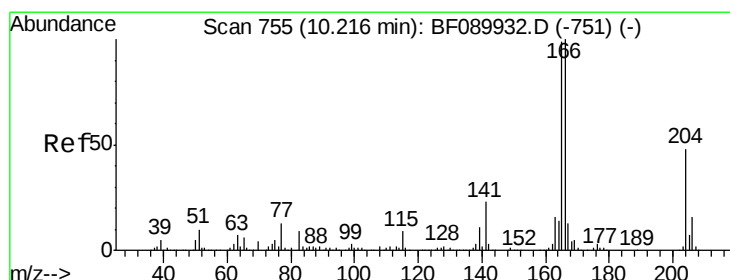
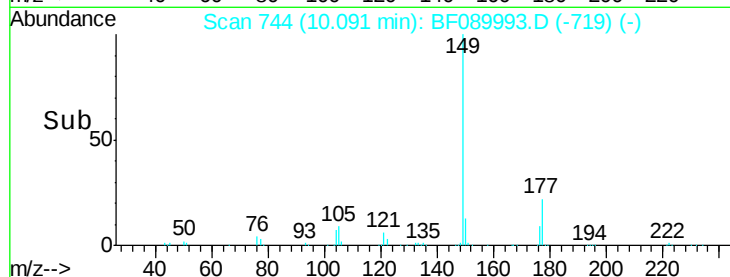
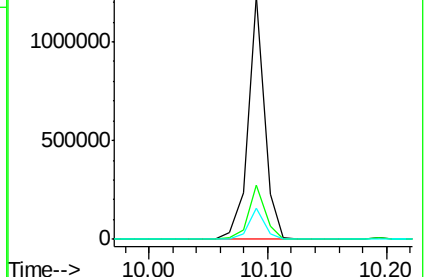
150 12.9 10.2 15.2



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: 39.18 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

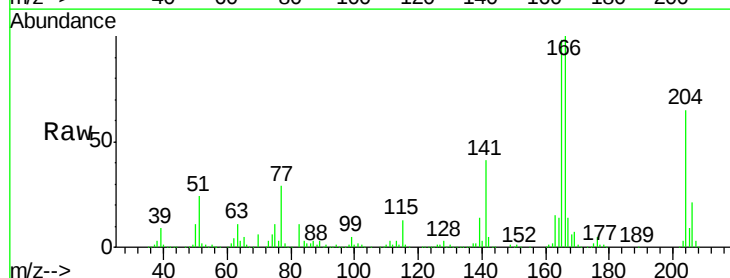
Tgt Ion:204 Resp: 479717

Ion Ratio Lower Upper

204 100

206 32.5 26.6 40.0

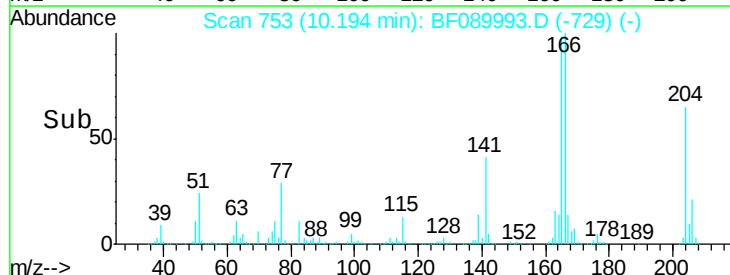
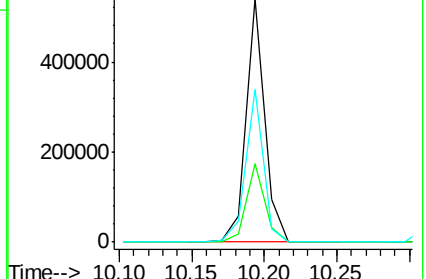
141 62.8 36.5 54.7#

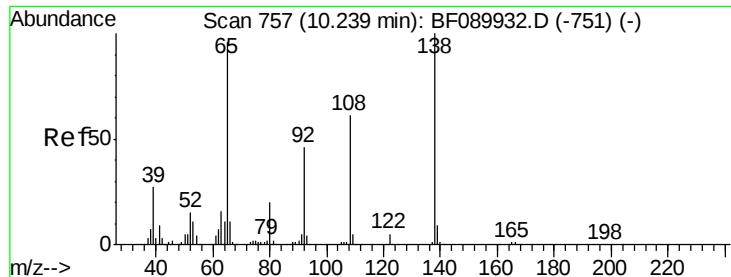


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

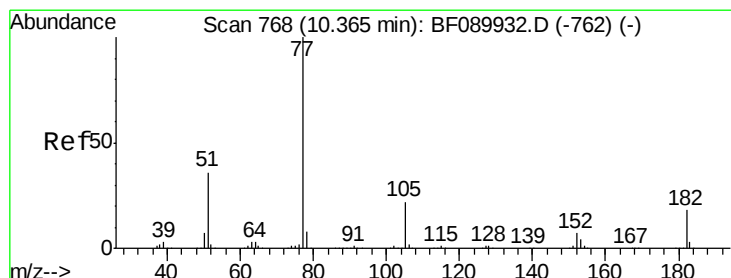
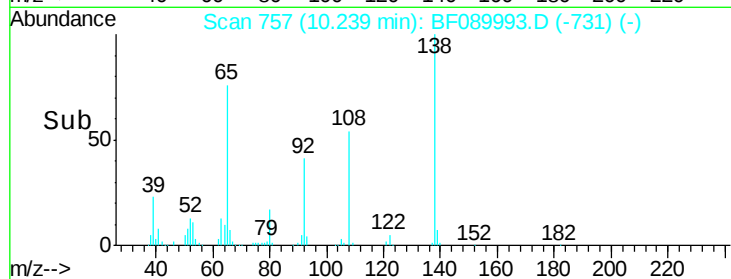
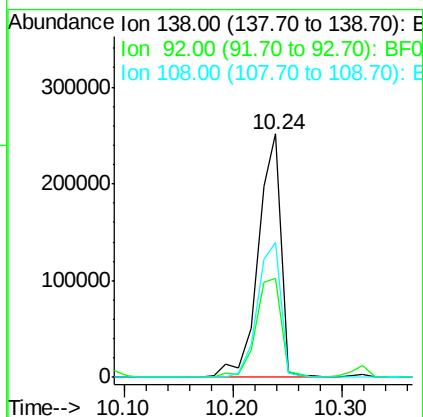
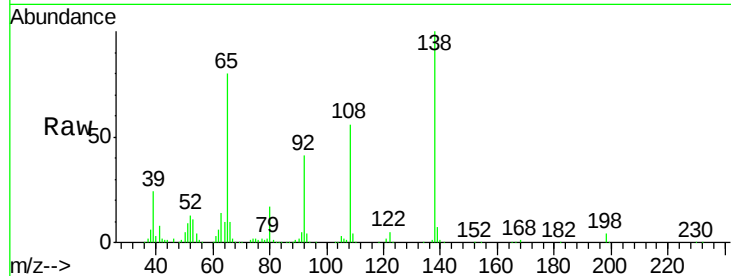




#61
4-Nitroaniline
Concen: 45.82 ng
RT: 10.24 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF089993.D
Acq: 6 Sep 2016 17:33

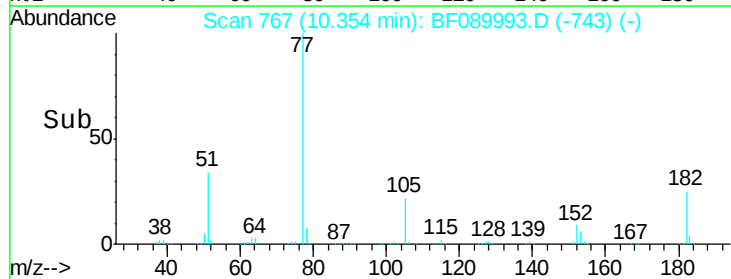
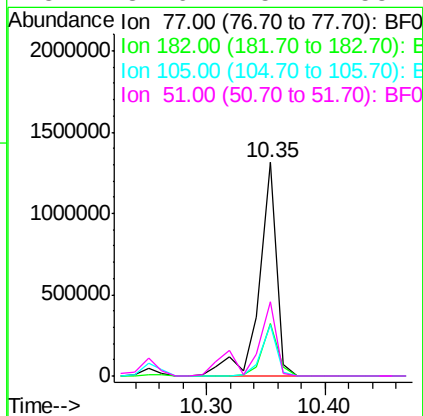
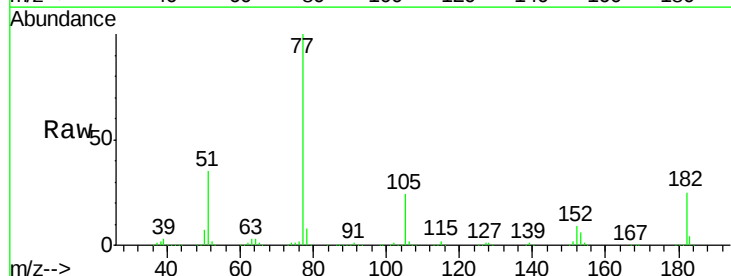
Instrument :
BNA_F
ClientSampleId :

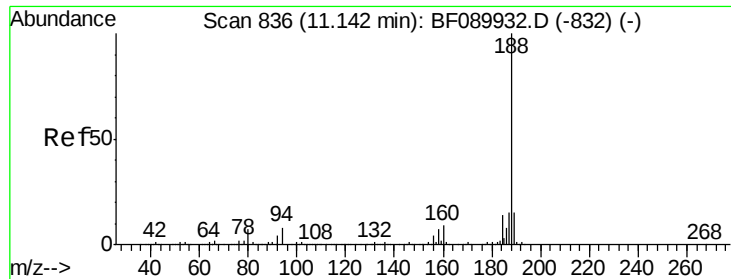
Tot Ion:138 Resp: 367509
Ion Ratio Lower Upper
138 100
92 40.8 21.2 61.2
108 55.6 37.7 77.7



#62
Azobenzene
Concen: 44.26 ng
RT: 10.35 min Scan# 767
Delta R.T. -0.02 min
Lab File: BF089993.D
Acq: 6 Sep 2016 17:33

Tgt Ion: 77 Resp: 1338353
Ion Ratio Lower Upper
77 100
182 24.8 0.0 38.6
105 23.9 2.3 42.3
51 34.6 15.1 55.1

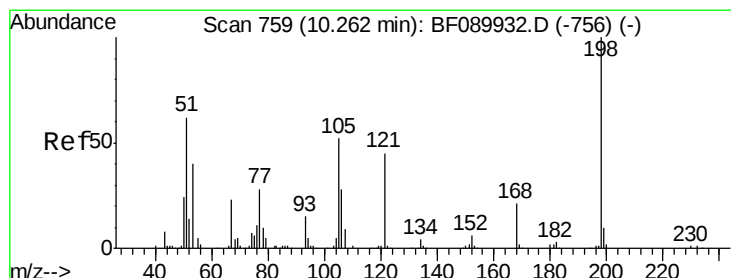
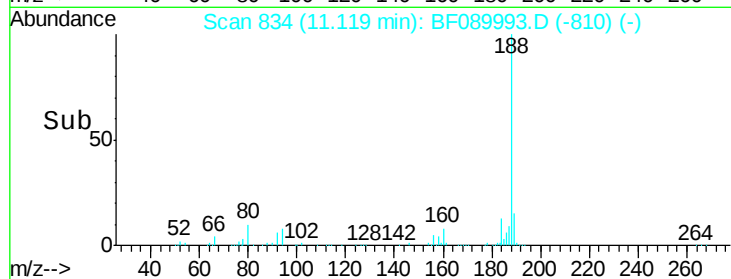
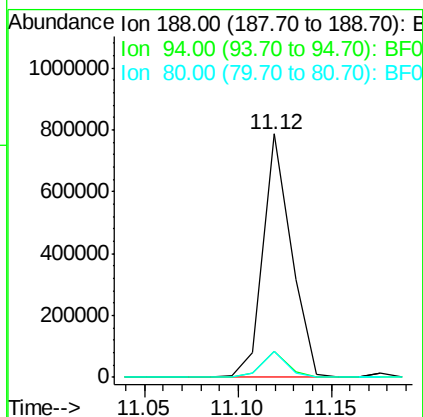
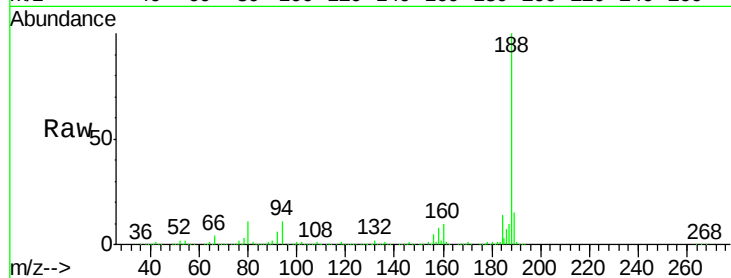




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.02 min
Lab File: BF089993.D
Acq: 6 Sep 2016 17:33

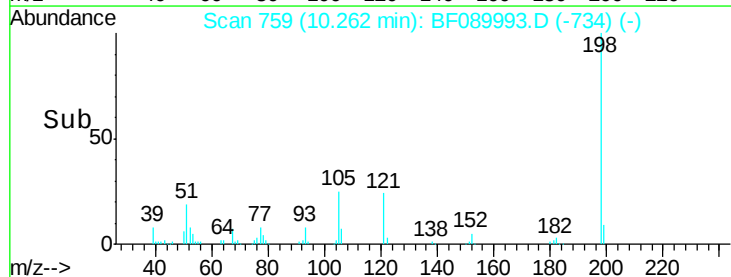
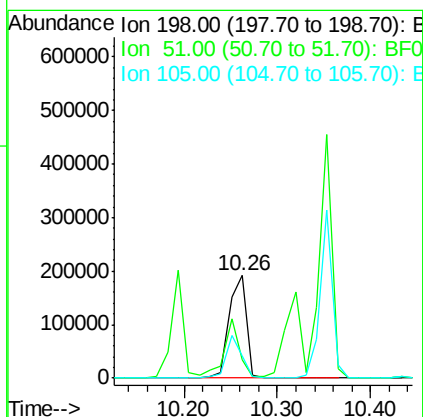
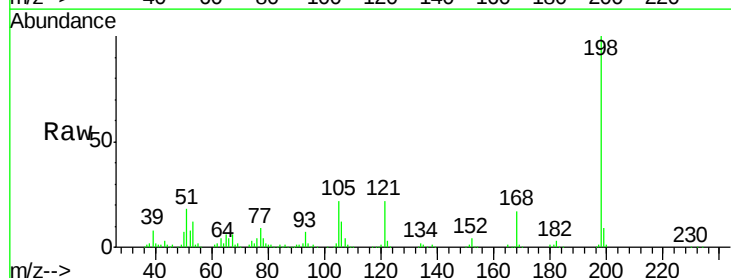
Instrument :
BNA_F
ClientSampleId :

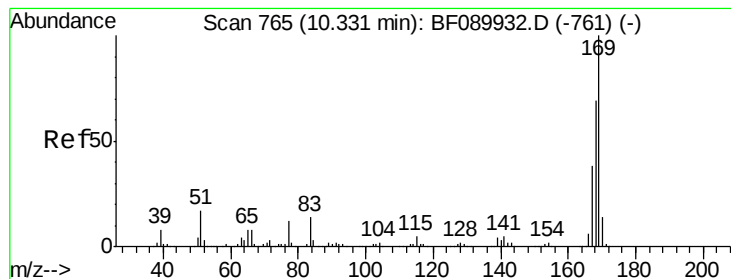
Tot Ion:188 Resp: 819957
Ion Ratio Lower Upper
188 100
94 10.6 5.9 8.9#
80 10.8 5.8 8.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 47.65 ng
RT: 10.26 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF089993.D
Acq: 6 Sep 2016 17:33

Tgt Ion:198 Resp: 250141
Ion Ratio Lower Upper
198 100
51 17.7 43.0 83.0#
105 22.1 30.3 70.3#

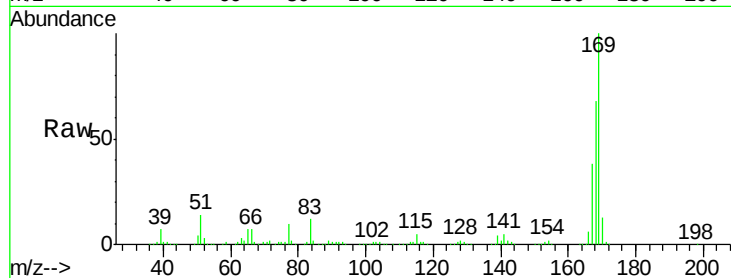




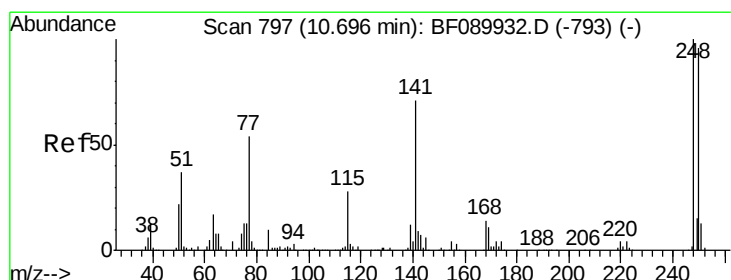
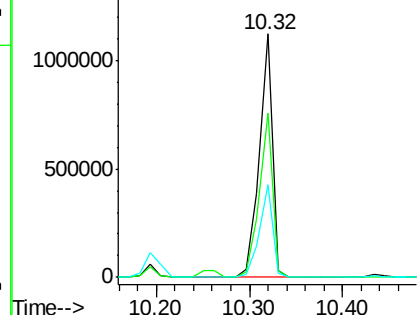
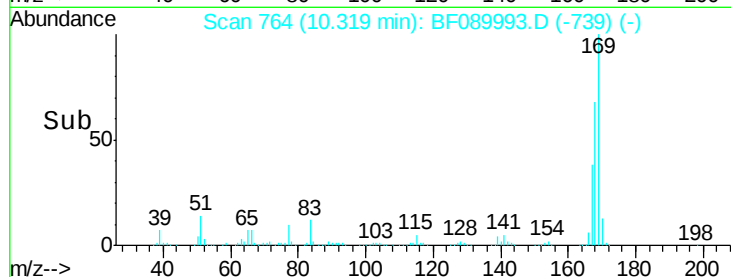
#65
 n-Nitrosodiphenylamine
 Concen: 44.43 ng
 RT: 10.32 min Scan# 764
 Delta R.T. -0.01 min
 Lab File: BF089993.D
 Acq: 6 Sep 2016 17:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 1095145
 Ion Ratio Lower Upper
 169 100
 168 67.6 55.0 82.4
 167 37.9 30.5 45.7

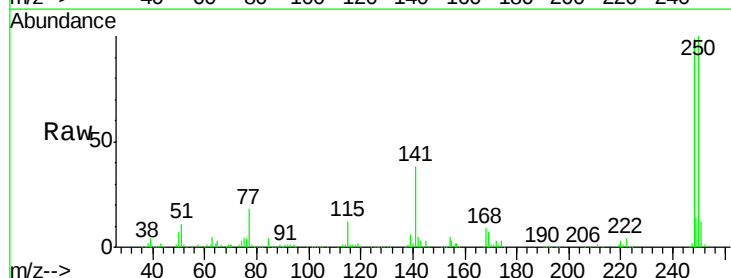


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

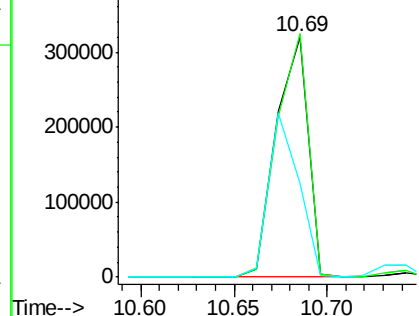
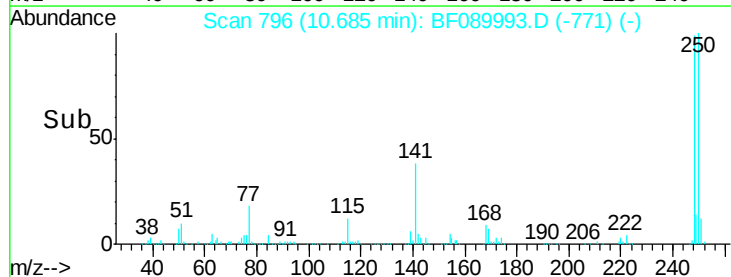


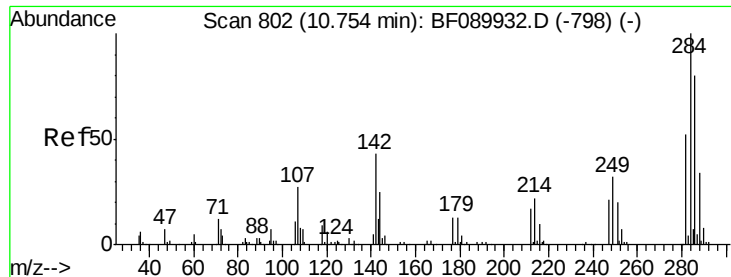
#66
 4-Bromophenyl-phenylether
 Concen: 46.24 ng
 RT: 10.69 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF089993.D
 Acq: 6 Sep 2016 17:33

Tgt Ion:248 Resp: 381724
 Ion Ratio Lower Upper
 248 100
 250 101.4 77.3 115.9
 141 39.0 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

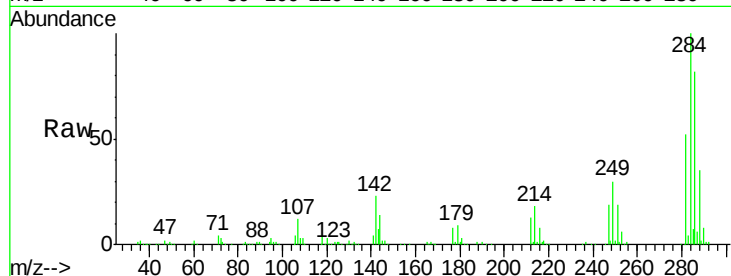




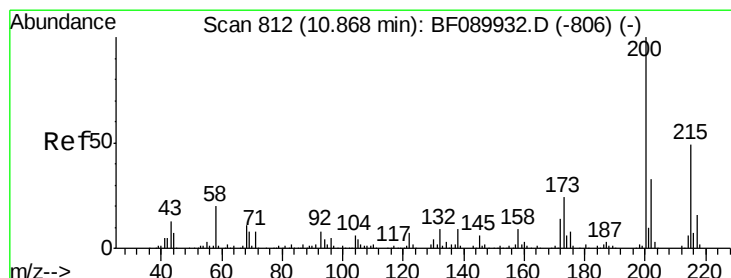
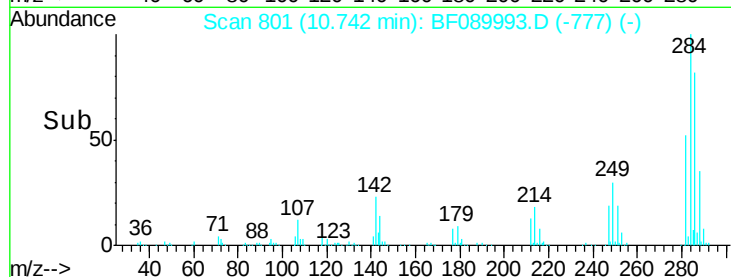
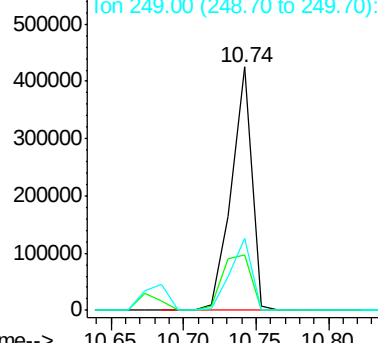
#67
Hexachlorobenzene
Concen: 44.27 ng
RT: 10.74 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF089993.D
Acq: 6 Sep 2016 17:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 417442
Ion Ratio Lower Upper
284 100
142 22.9 32.7 49.1#
249 29.9 26.9 40.3

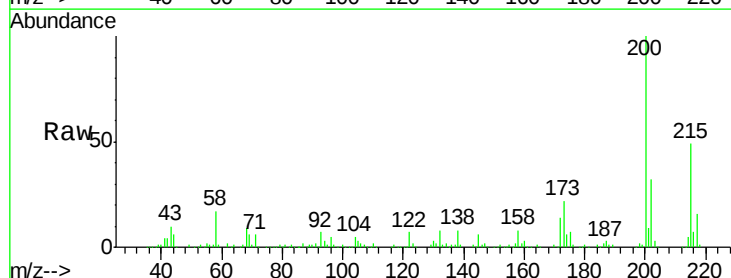


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

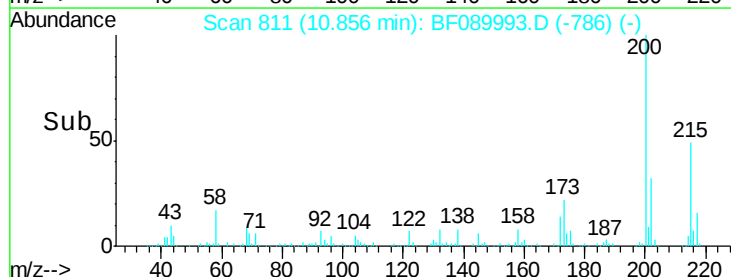
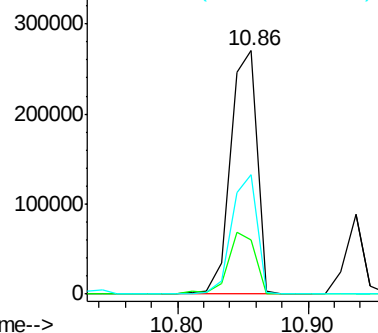


#68
Atrazine
Concen: 46.64 ng
RT: 10.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF089993.D
Acq: 6 Sep 2016 17:33

Tgt Ion:200 Resp: 383814
Ion Ratio Lower Upper
200 100
173 22.0 9.4 49.4
215 49.3 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: 83.60 ng

RT: 10.94 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

Instrument :

BNA_F

ClientSampleId :

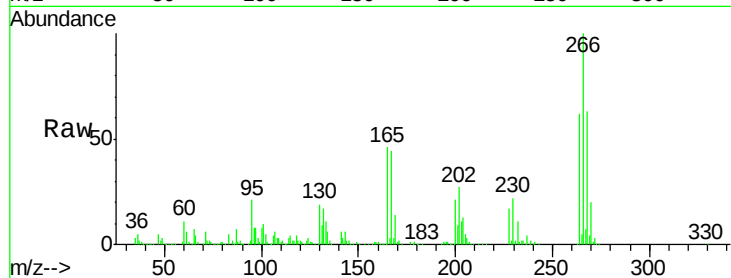
Tot Ion:266 Resp: 424059

Ion Ratio Lower Upper

266 100

268 63.4 51.0 76.6

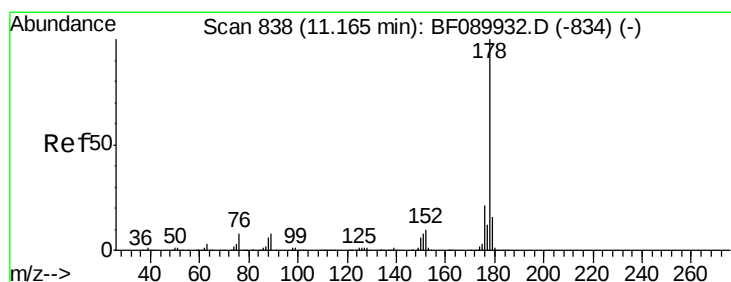
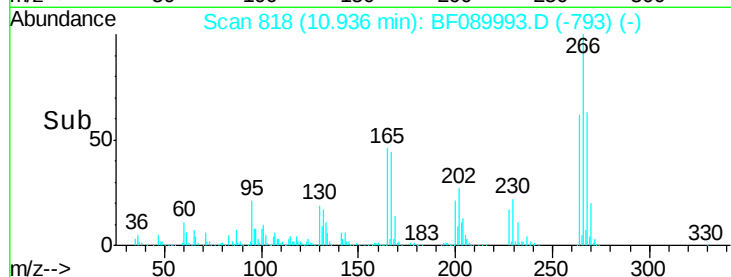
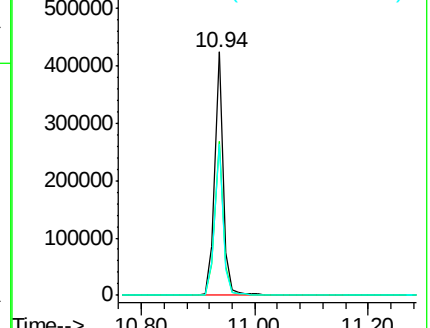
264 62.4 50.6 75.8



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: 45.08 ng

RT: 11.15 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

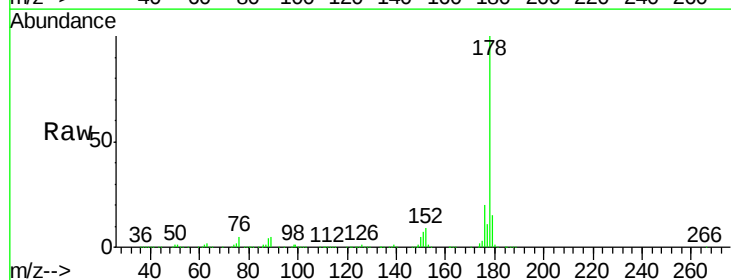
Tgt Ion:178 Resp: 1840708

Ion Ratio Lower Upper

178 100

176 20.1 16.5 24.7

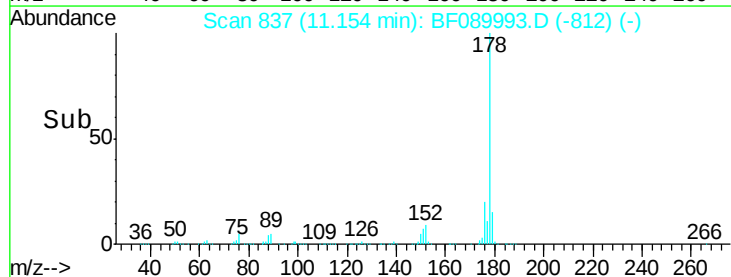
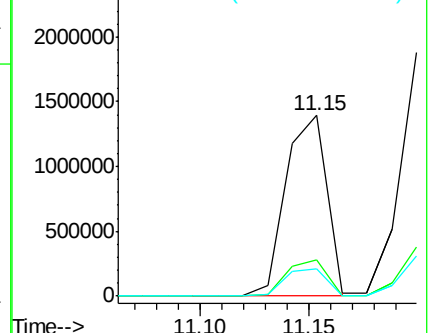
179 15.3 12.8 19.2

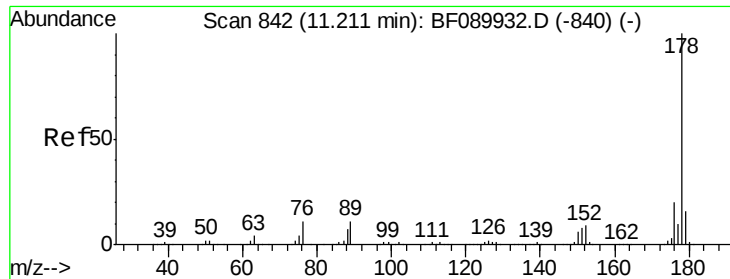


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

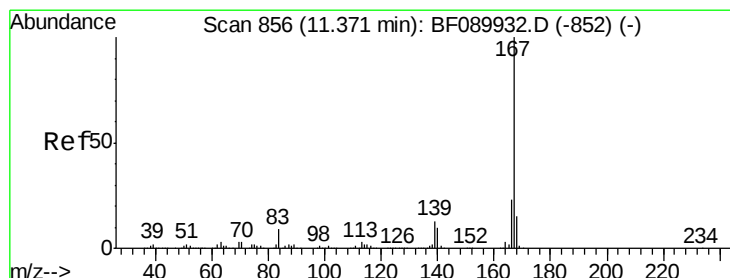
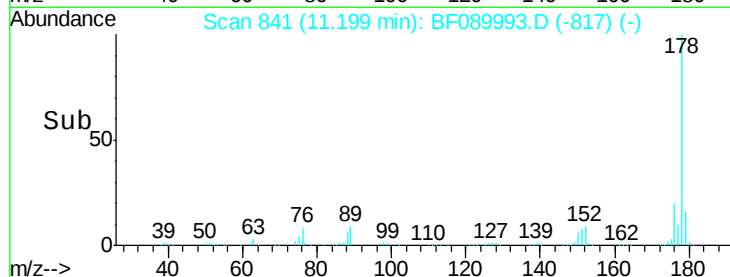
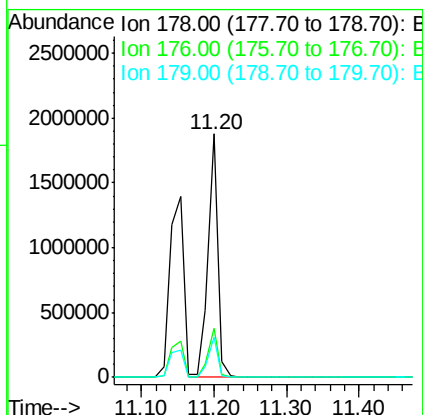
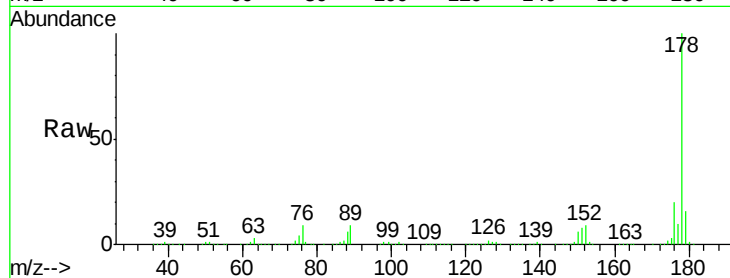




#71
 Anthracene
 Concen: 42.61 ng
 RT: 11.20 min Scan# 841
 Delta R.T. -0.02 min
 Lab File: BF089993.D
 Acq: 6 Sep 2016 17:33

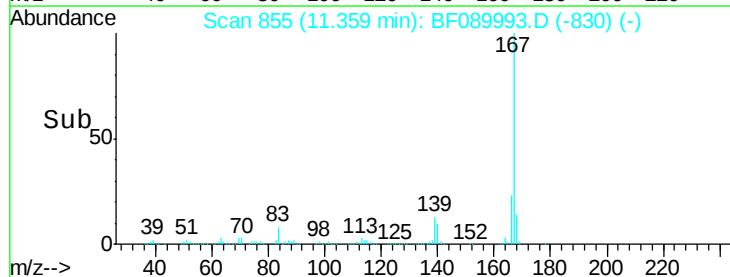
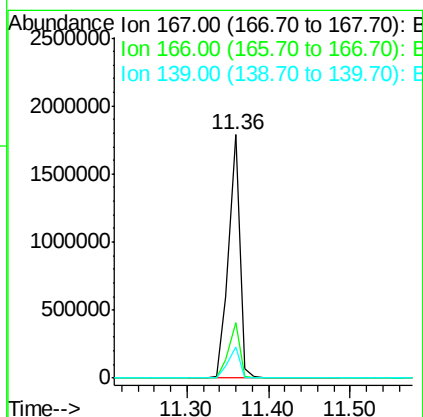
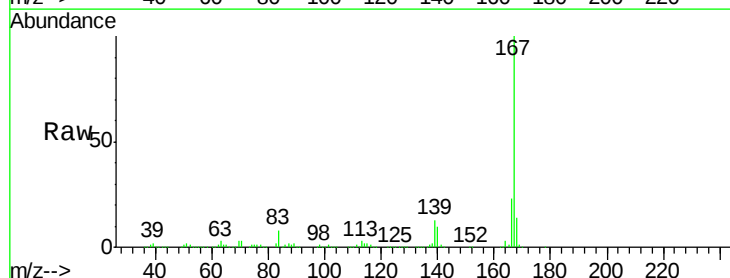
Instrument :
 BNA_F
 ClientSampleId :

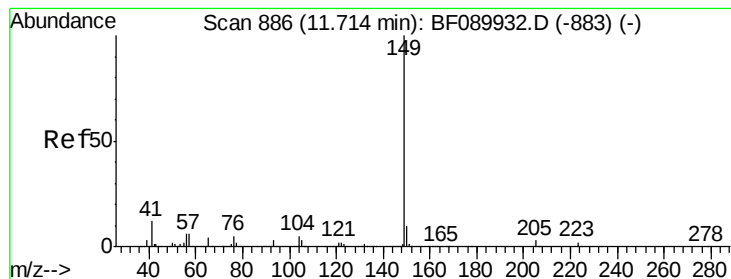
Tot Ion:178 Resp: 1764666
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.8 23.8
 179 16.4 13.0 19.4



#72
 Carbazole
 Concen: 44.08 ng
 RT: 11.36 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: BF089993.D
 Acq: 6 Sep 2016 17:33

Tgt Ion:167 Resp: 1711804
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.1 27.1
 139 13.0 10.4 15.6





#73

Di-n-butylphthalate

Concen: 42.57 ng

RT: 11.70 min Scan# 885

Delta R.T. -0.02 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

Instrument :

BNA_F

ClientSampleId :

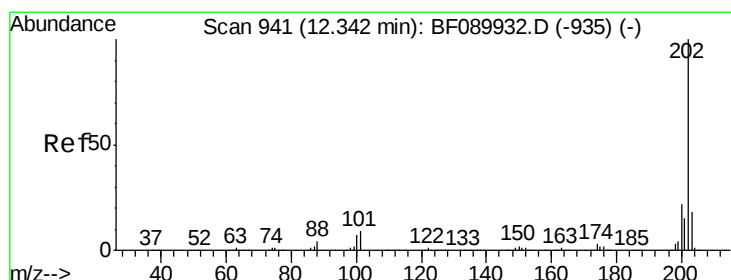
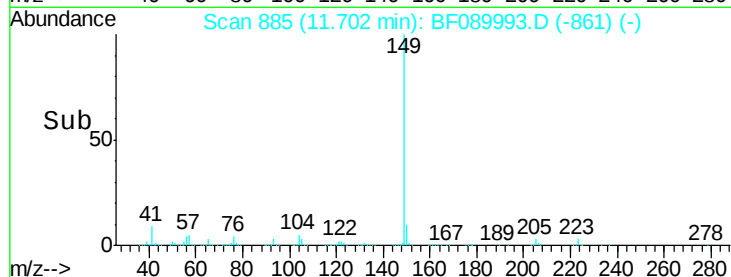
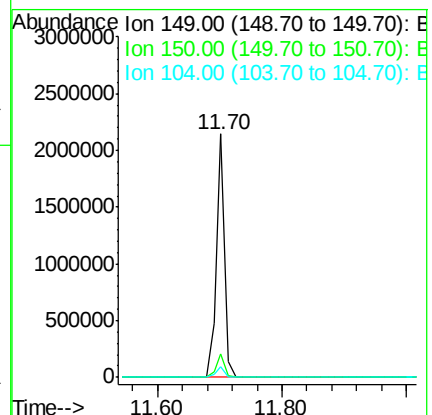
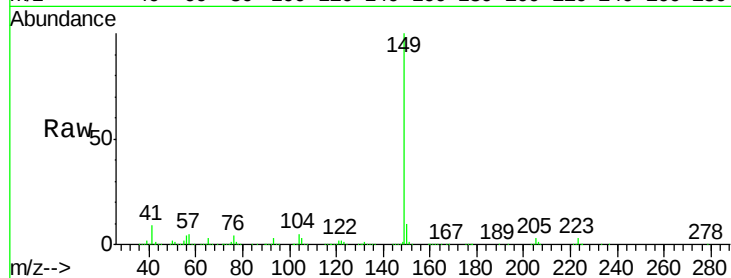
Tot Ion:149 Resp: 1926898

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.8

104 4.5 3.9 5.9



#74

Fluoranthene

Concen: 40.36 ng

RT: 12.32 min Scan# 939

Delta R.T. -0.02 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

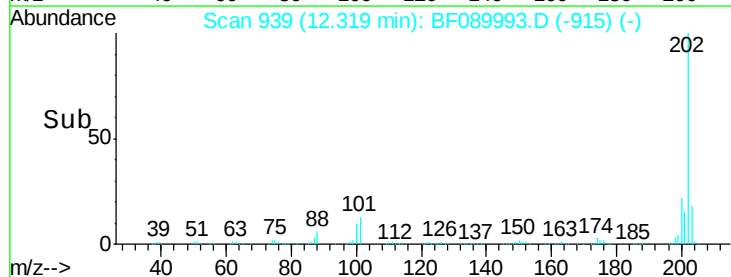
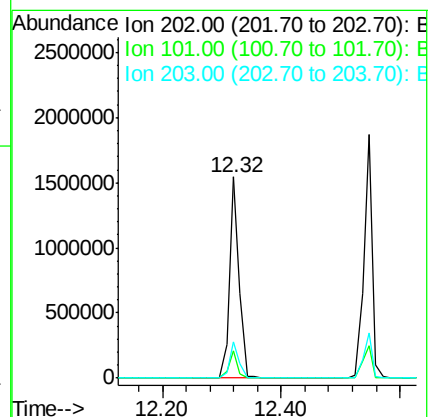
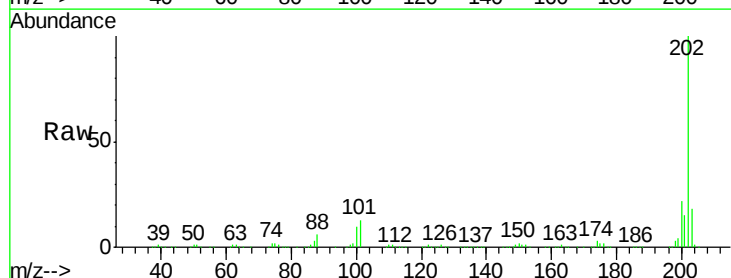
Tgt Ion:202 Resp: 1726946

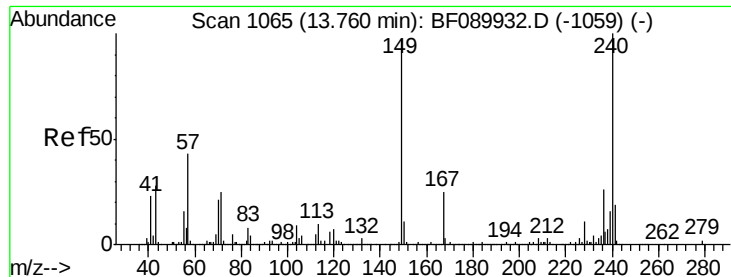
Ion Ratio Lower Upper

202 100

101 13.3 0.0 28.5

203 18.1 0.0 38.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.74 min Scan# 1063

Delta R.T. -0.02 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

Instrument :

BNA_F

ClientSampled :

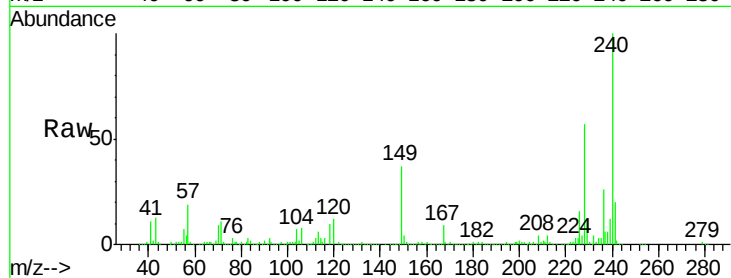
Tot Ion:240 Resp: 630649

Ion Ratio Lower Upper

240 100

120 12.4 5.7 8.5#

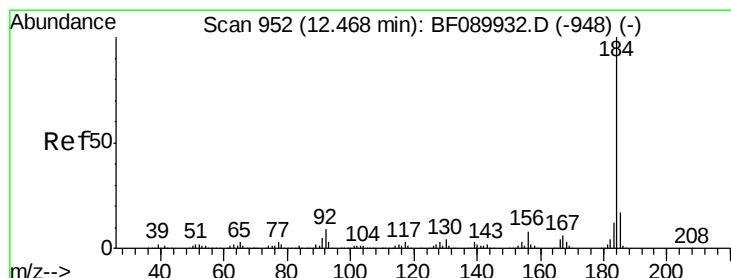
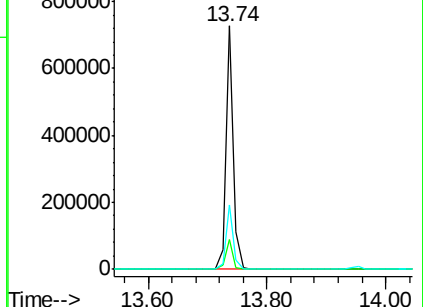
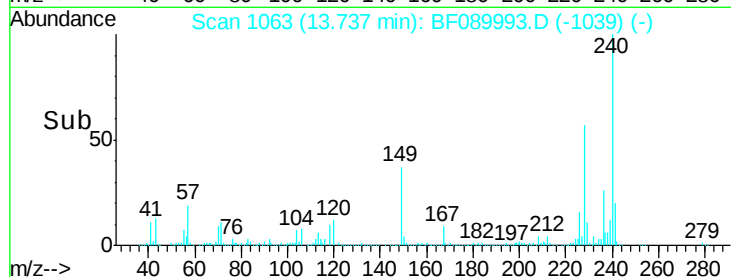
236 26.4 21.3 31.9



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: 34.15 ng

RT: 12.46 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

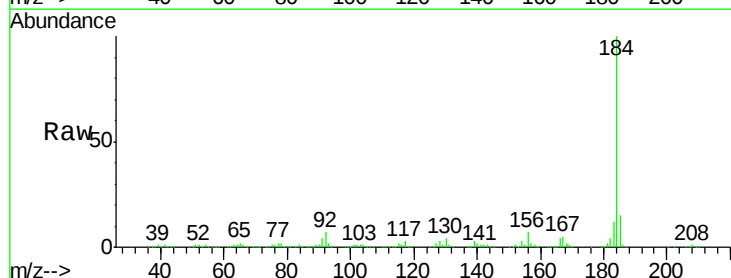
Tgt Ion:184 Resp: 815810

Ion Ratio Lower Upper

184 100

185 14.6 13.8 20.8

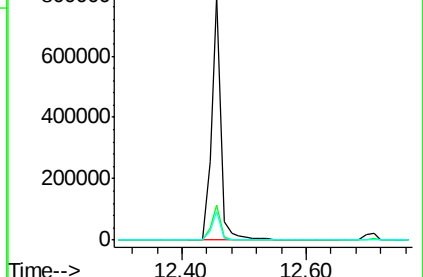
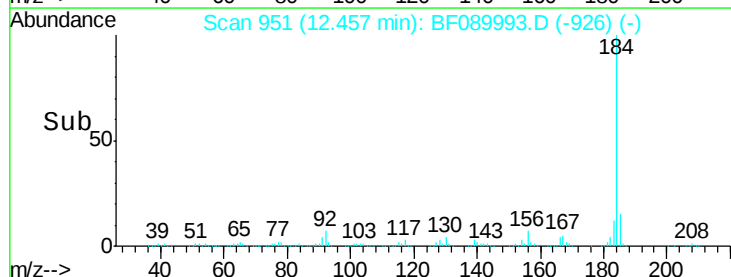
183 11.8 9.6 14.4

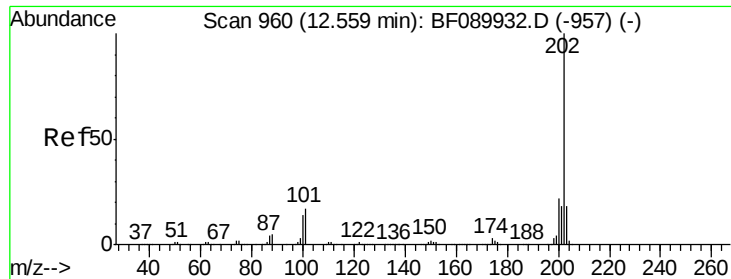


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.30 ng

RT: 12.55 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

Instrument :

BNA_F

ClientSampled :

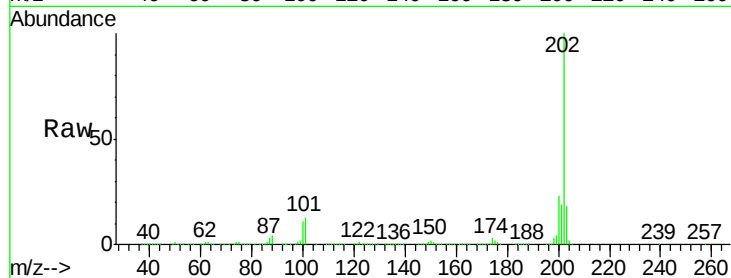
Tot Ion:202 Resp: 1836240

Ion Ratio Lower Upper

202 100

200 22.9 17.6 26.4

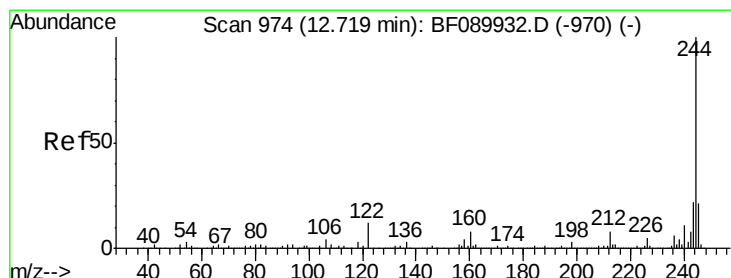
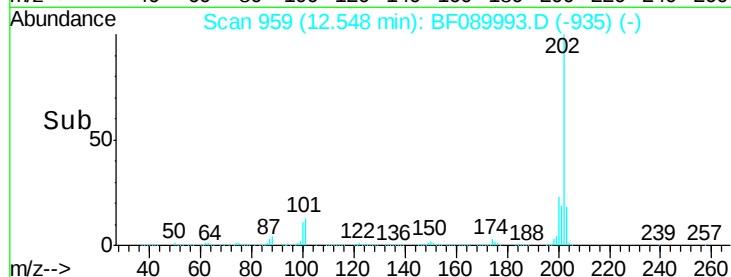
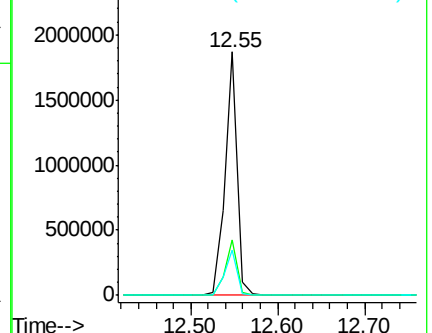
203 18.4 14.6 21.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 84.04 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.02 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

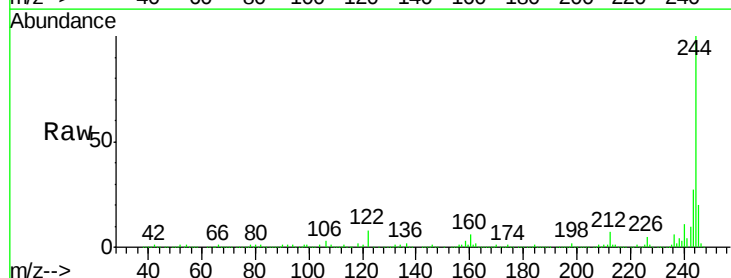
Tgt Ion:244 Resp: 2145550

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

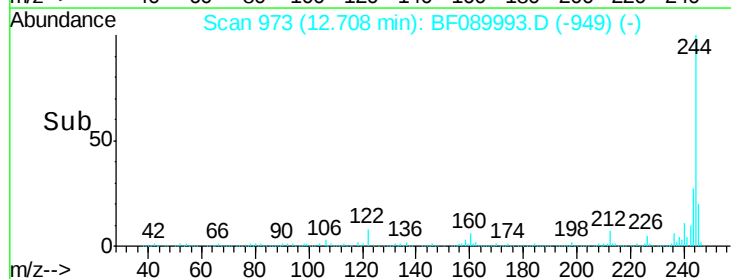
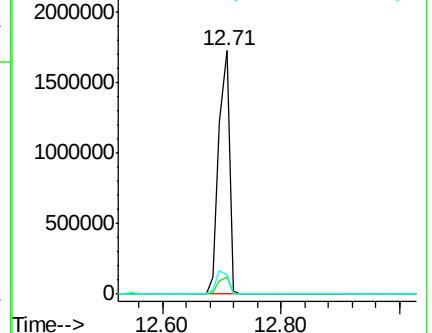
122 8.2 9.6 14.4#

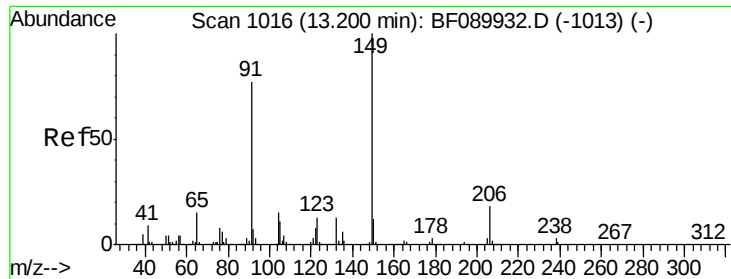


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

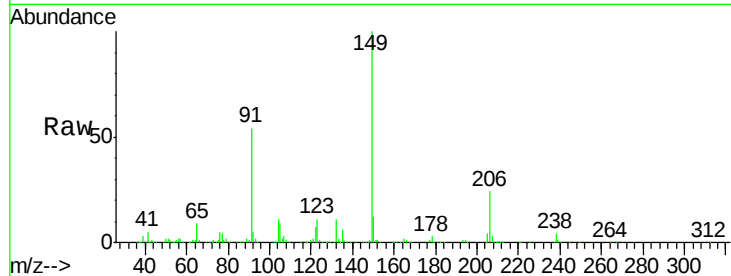




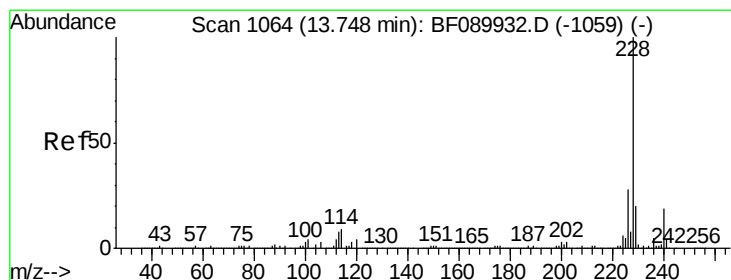
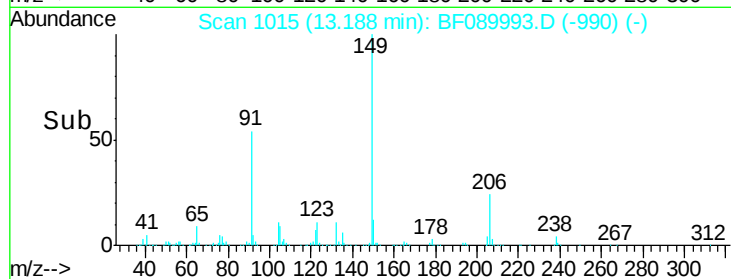
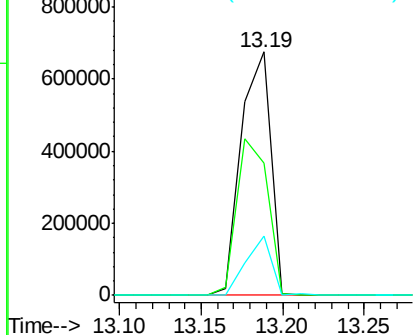
#79
Butylbenzylphthalate
Concen: 47.45 ng
RT: 13.19 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF089993.D
Acq: 6 Sep 2016 17:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 850794
Ion Ratio Lower Upper
149 100
91 54.5 60.0 90.0#
206 24.1 15.1 22.7#

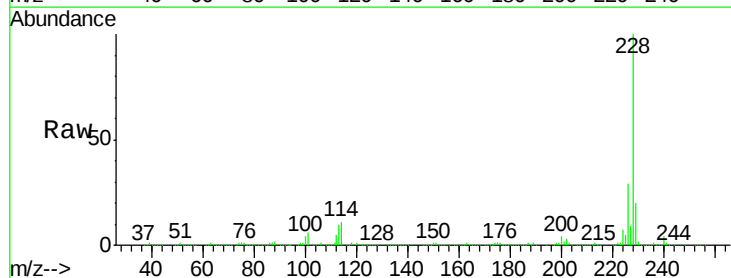


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

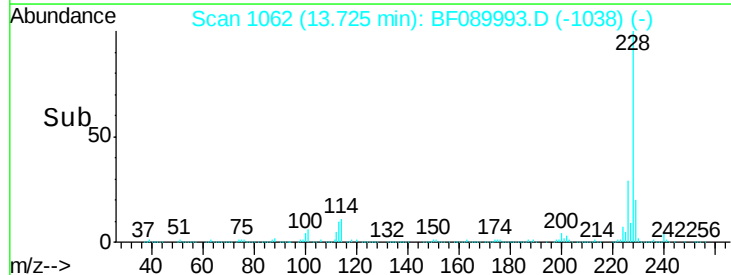
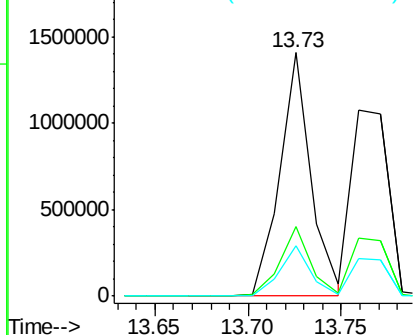


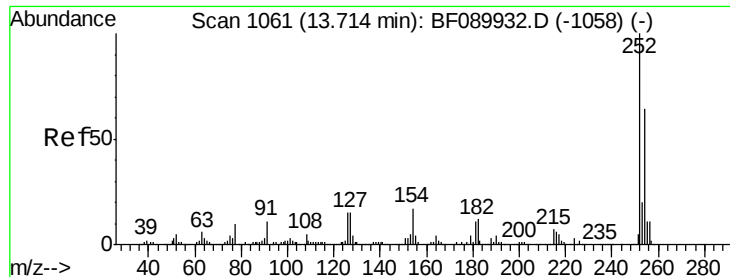
#80
Benzo(a)anthracene
Concen: 42.17 ng
RT: 13.73 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BF089993.D
Acq: 6 Sep 2016 17:33

Tgt Ion:228 Resp: 1628747
Ion Ratio Lower Upper
228 100
226 28.5 22.2 33.2
229 20.4 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

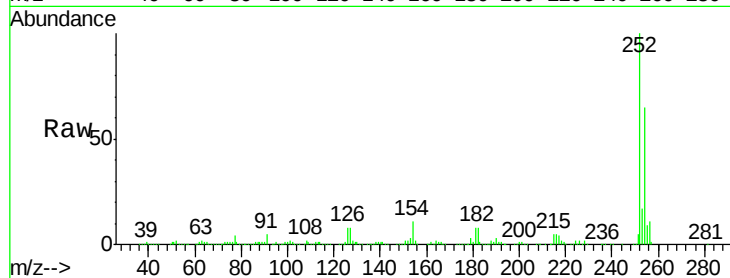




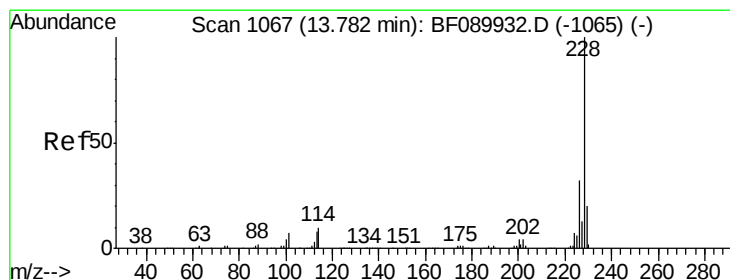
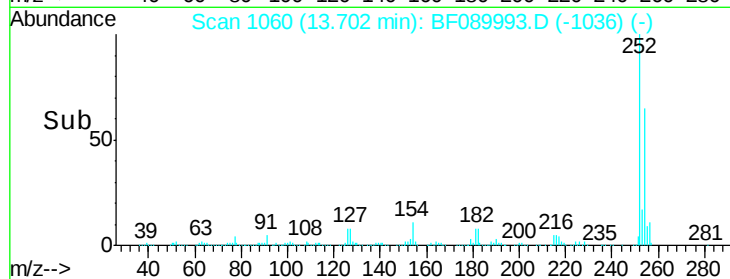
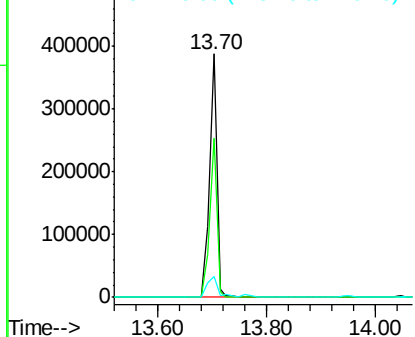
#81
 3,3'-Dichlorobenzidine
 Concen: 26.00 ng
 RT: 13.70 min Scan# 1060
 Delta R.T. -0.02 min
 Lab File: BF089993.D
 Acq: 6 Sep 2016 17:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 362496
 Ion Ratio Lower Upper
 252 100
 254 65.1 51.3 76.9
 126 8.4 12.3 18.5#

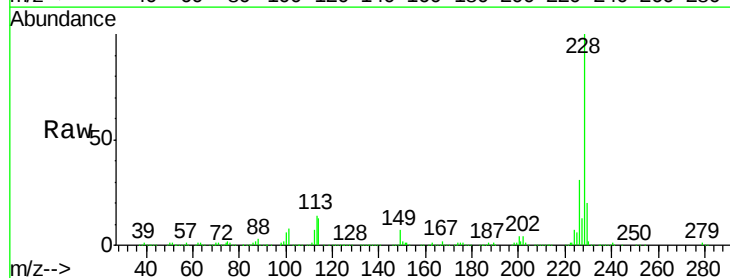


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

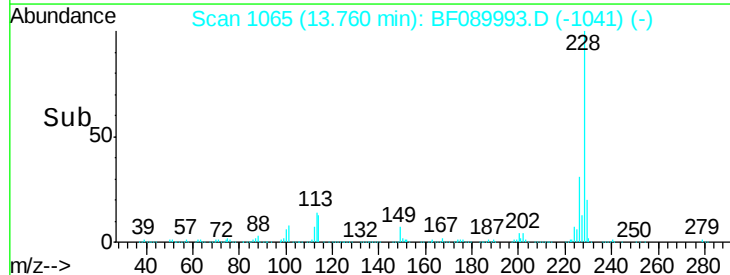
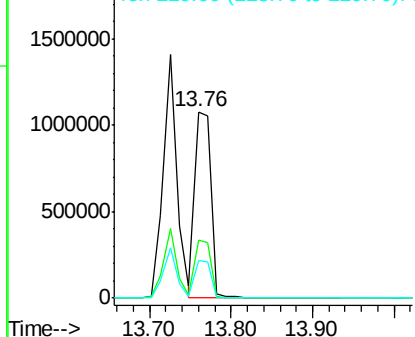


#82
 Chrysene
 Concen: 41.62 ng
 RT: 13.76 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BF089993.D
 Acq: 6 Sep 2016 17:33

Tgt Ion:228 Resp: 1501718
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.2 37.8
 229 20.4 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: 42.61 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.02 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

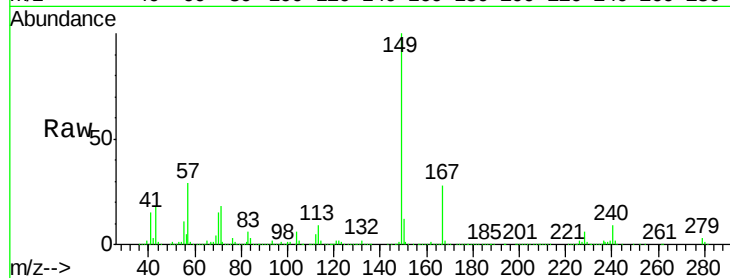
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1056710

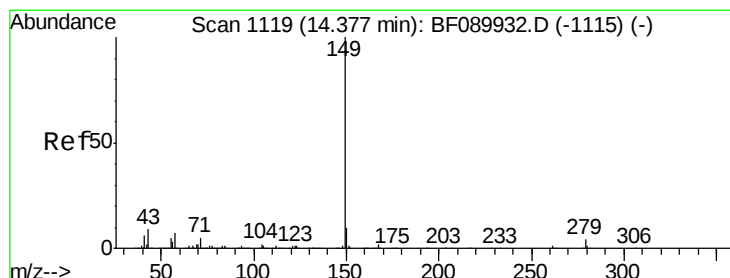
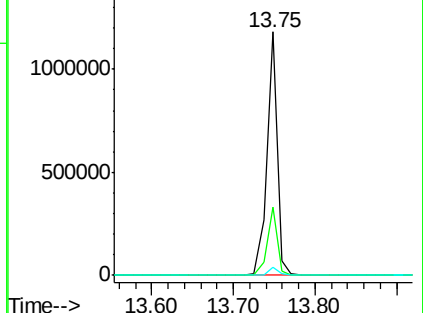
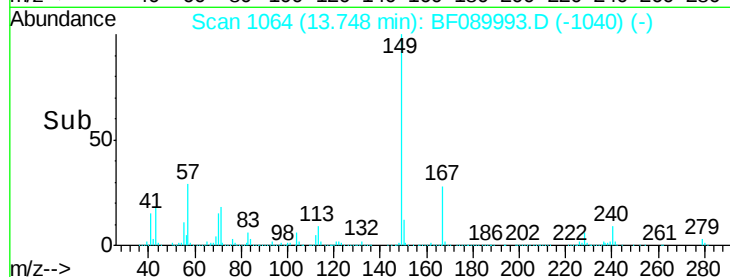
Ion	Ratio	Lower	Upper
149	100		
167	28.2	23.6	35.4
279	3.4	3.4	5.2#



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: 45.60 ng

RT: 14.35 min Scan# 1117

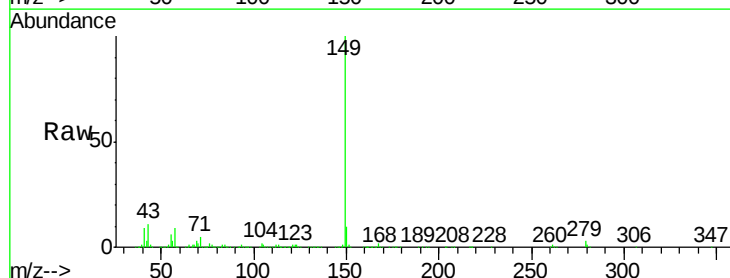
Delta R.T. -0.02 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

Tgt Ion:149 Resp: 1825602

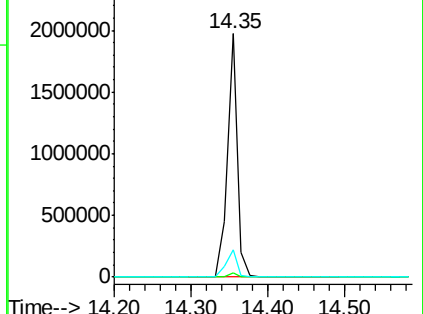
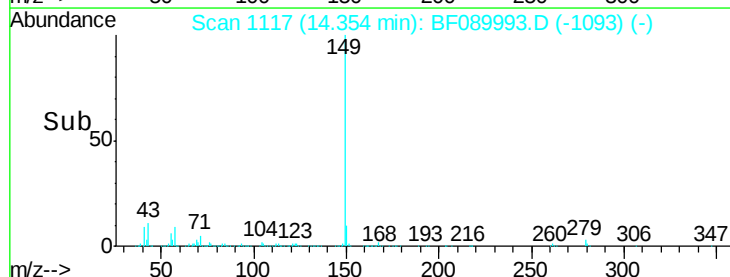
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	12.2	9.3	13.9

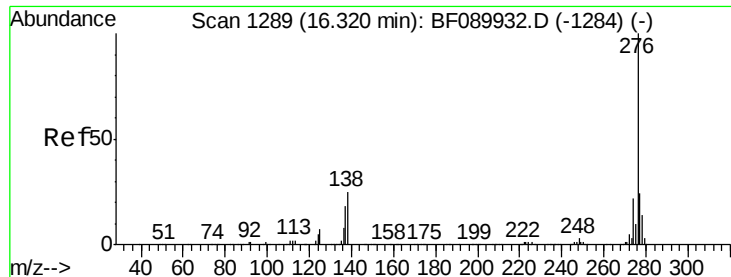


Abundance Ion 149.00 (148.70 to 149.70): E

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: 45.56 ng

RT: 16.30 min Scan# 1287

Delta R.T. -0.03 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

Instrument :

BNA_F

ClientSampleId :

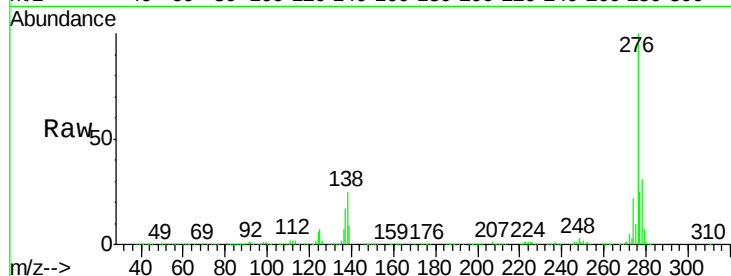
Tot Ion:276 Resp: 1215219

Ion Ratio Lower Upper

276 100

138 27.8 22.6 34.0

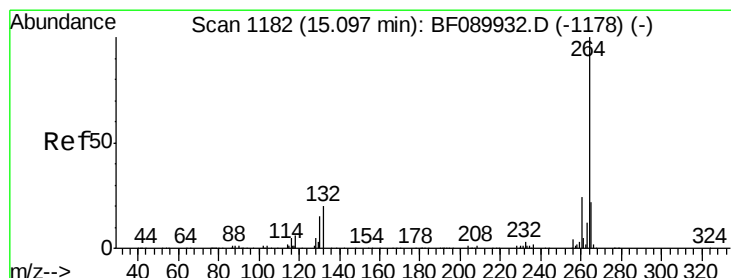
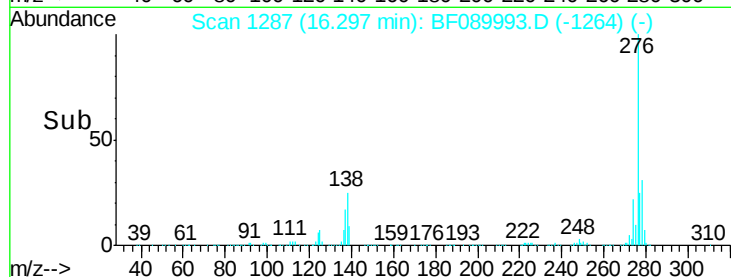
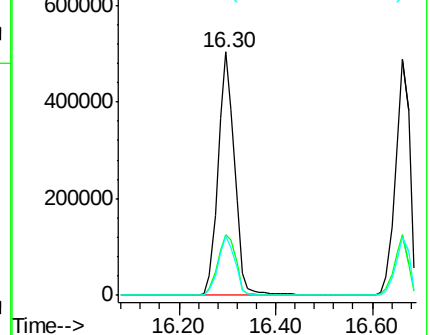
277 25.0 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.07 min Scan# 1180

Delta R.T. -0.02 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

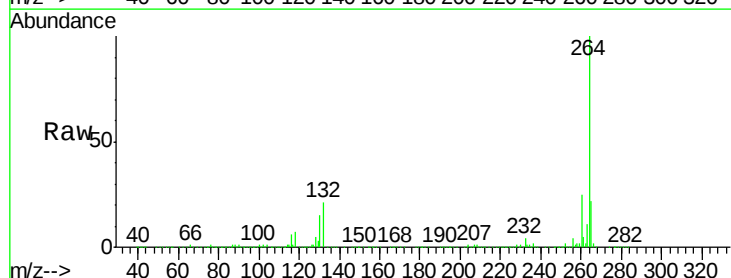
Tgt Ion:264 Resp: 550639

Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.0

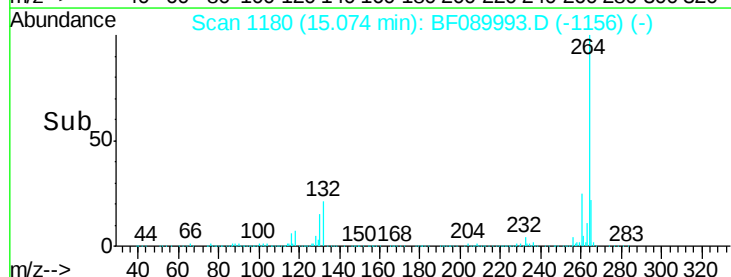
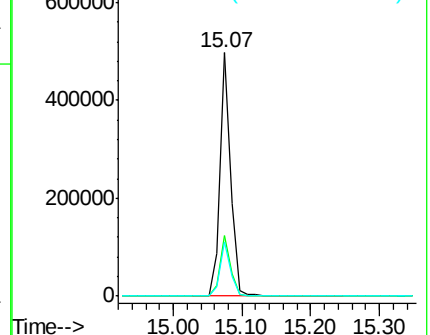
265 22.2 17.4 26.2

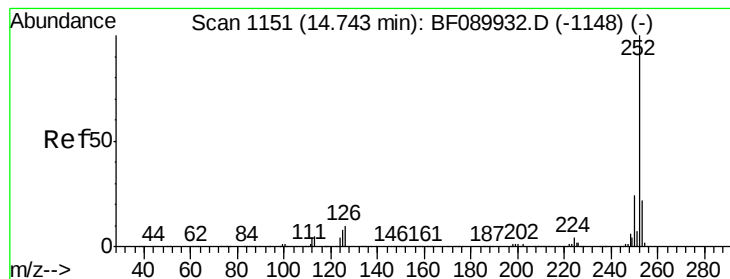


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 80.26 ng

RT: 14.72 min Scan# 1149

Delta R.T. -0.02 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

Instrument :

BNA_F

ClientSampleId :

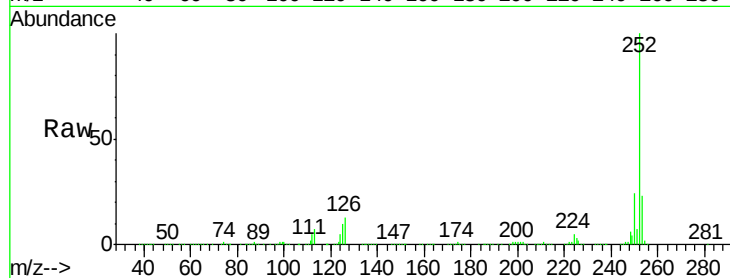
Tot Ion:252 Resp: 2768620

Ion Ratio Lower Upper

252 100

253 22.6 18.0 27.0

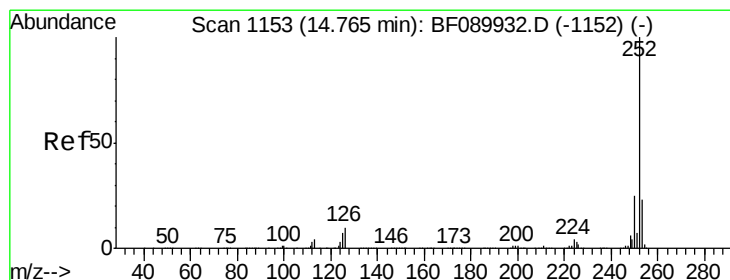
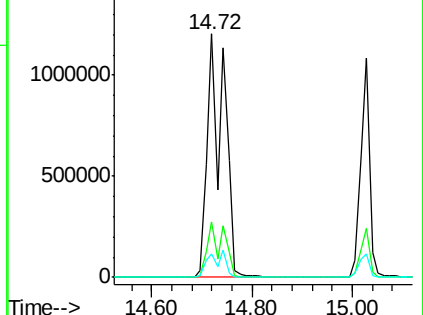
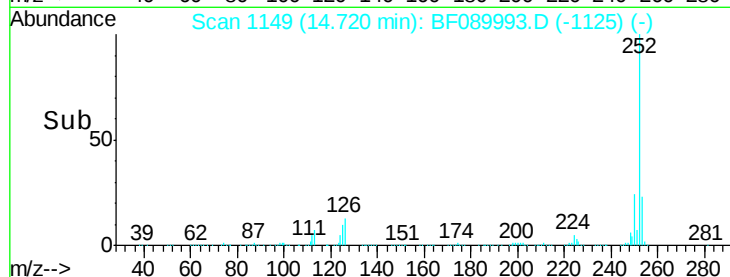
125 9.8 5.7 8.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 94.58 ng

RT: 14.72 min Scan# 1149

Delta R.T. -0.05 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

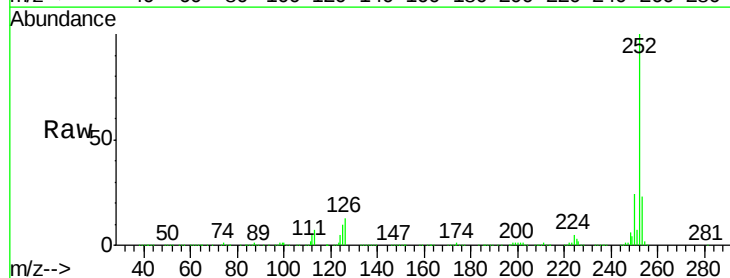
Tgt Ion:252 Resp: 2768620

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

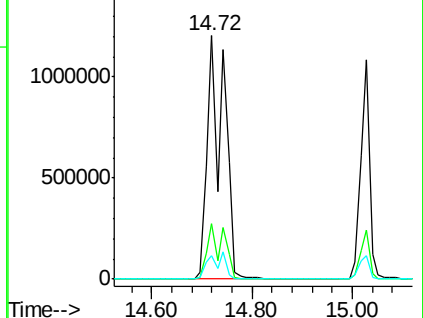
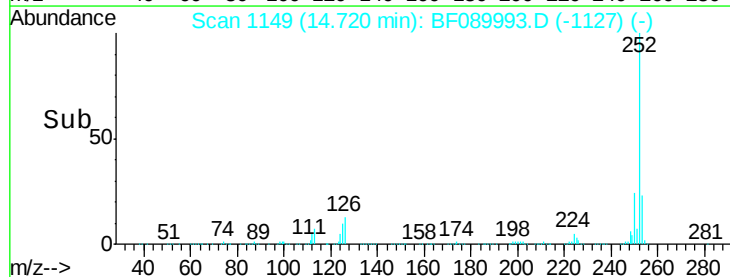
125 9.8 7.3 10.9

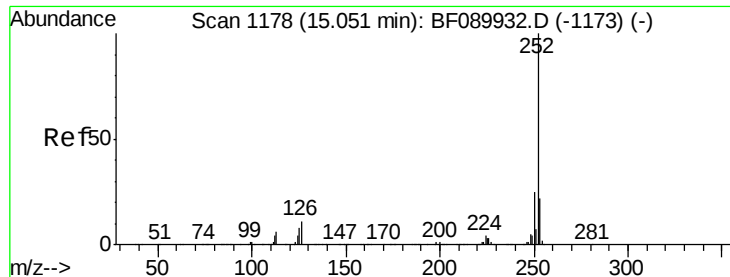


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

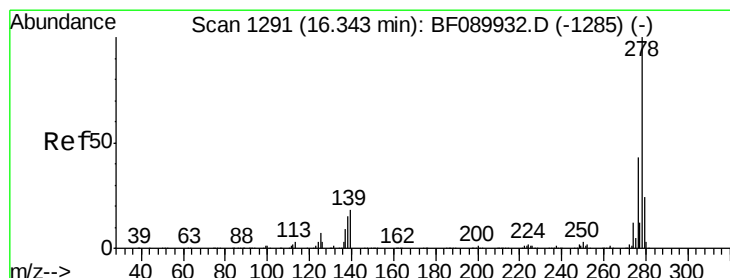
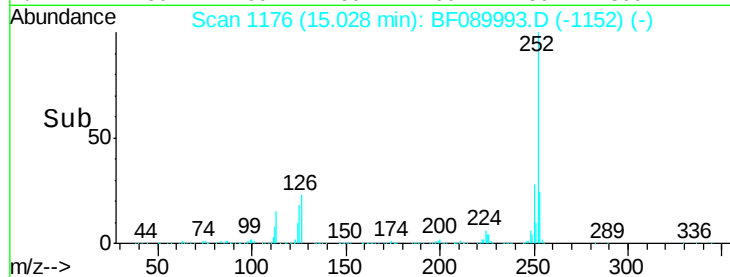
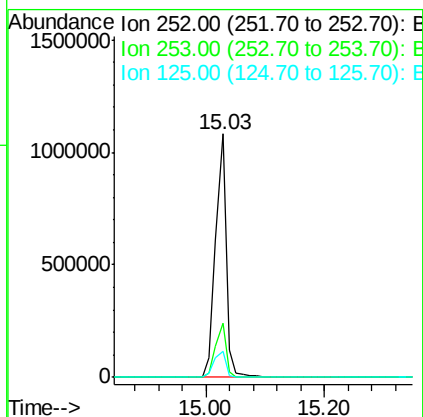
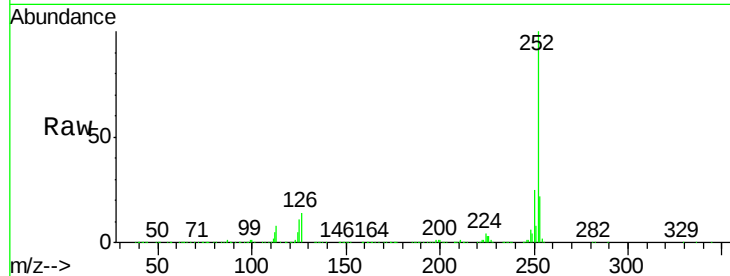




#89
Benzo(a)pyrene
Concen: 45.27 ng
RT: 15.03 min Scan# 1176
Delta R.T. -0.02 min
Lab File: BF089993.D
Acq: 6 Sep 2016 17:33

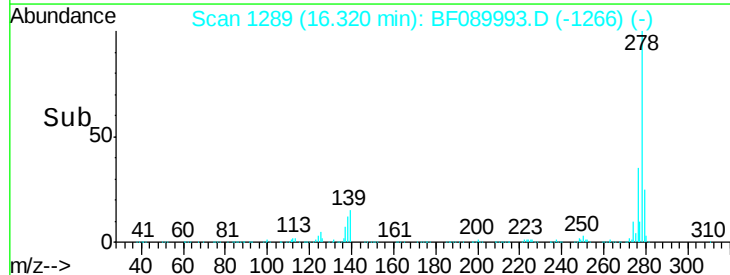
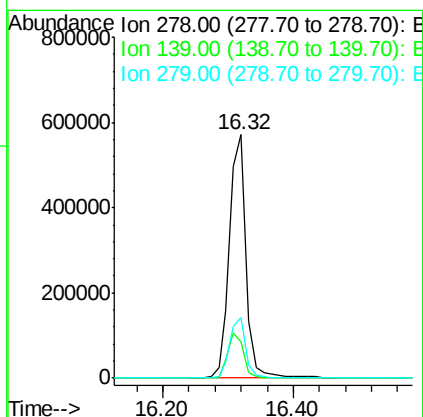
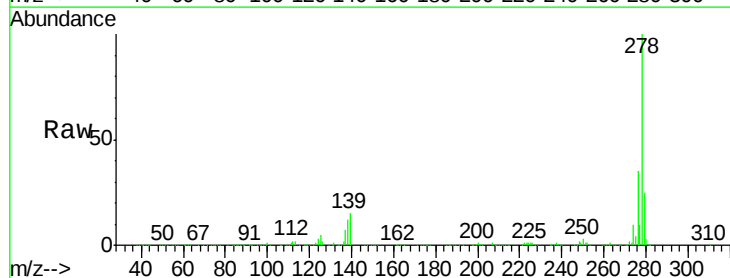
Instrument :
BNA_F
ClientSampleId :

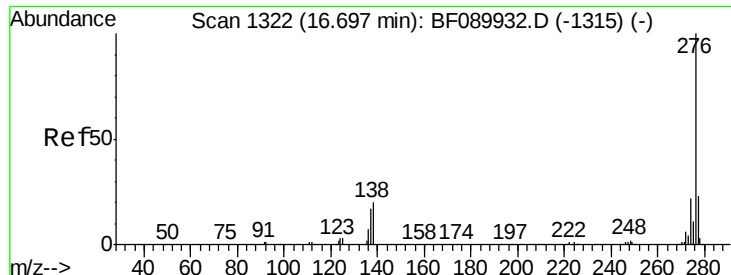
Tot Ion:252 Resp: 1337817
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 10.7 6.3 9.5#



#90
Dibenzo(a,h)anthracene
Concen: 46.42 ng
RT: 16.32 min Scan# 1289
Delta R.T. -0.03 min
Lab File: BF089993.D
Acq: 6 Sep 2016 17:33

Tgt Ion:278 Resp: 1005309
Ion Ratio Lower Upper
278 100
139 14.7 13.4 20.2
279 24.7 19.4 29.2

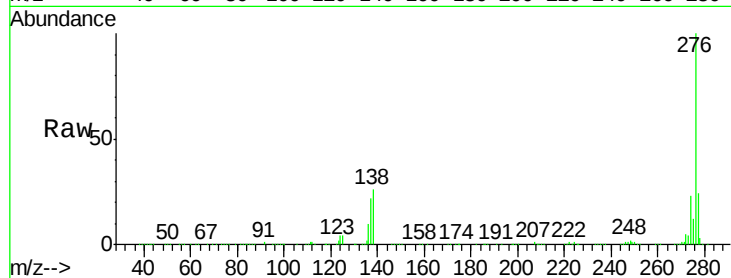




#91
 Benzo(a,h,i)perylene
 Concen: 46.33 ng
 RT: 16.66 min Scan# 1319
 Delta R.T. -0.05 min
 Lab File: BF089993.D
 Acq: 6 Sep 2016 17:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1009880
 Ion Ratio Lower Upper
 276 100
 277 24.5 19.0 28.4
 138 25.6 16.4 24.6#



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

