

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090116\
 Data File : BF089963.D
 Acq On : 1 Sep 2016 10:52
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 01 13:53:59 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 11:55:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	202425	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	853147	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	426849	20.00	ng	0.00
63) Phenanthrene-d10	11.14	188	830507	20.00	ng	0.00
75) Chrysene-d12	13.76	240	641391	20.00	ng	0.00
86) Perylene-d12	15.11	264	603586	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	956074	75.60	ng	0.00
7) Phenol-d6	6.28	99	1176779	76.58	ng	0.01
23) Nitrobenzene-d5	7.21	82	1026131	69.75	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	324843	77.14	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1800200	69.23	ng	0.00
78) Terphenyl-d14	12.72	244	2016120	77.65	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.10	88	233476	38.97	ng	98
3) Pyridine	2.73	79	587579	36.76	ng	97
4) n-Nitrosodimethylamine	2.68	42	311931	39.57	ng	99
6) Aniline	6.30	93	806206	38.45	ng	# 76
8) 2-Chlorophenol	6.42	128	547626	39.91	ng	95
9) Benzaldehyde	6.18	77	398638	40.21	ng	99
10) Phenol	6.30	94	668131	37.39	ng	95
11) bis(2-Chloroethyl)ether	6.39	93	565801	41.84	ng	87
12) 1,3-Dichlorobenzene	6.58	146	631264	41.20	ng	99
13) 1,4-Dichlorobenzene	6.58	146	631264	40.26	ng	94
14) 1,2-Dichlorobenzene	6.81	146	558822	39.76	ng	98
15) Benzyl Alcohol	6.79	79	363849	37.80	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.94	45	1055447	40.93	ng	99
17) 2-Methylphenol	6.91	107	459618	41.95	ng	98
18) Hexachloroethane	7.15	117	209490	39.01	ng	97
19) n-Nitroso-di-n-propylamine	7.07	70	383448	38.29	ng	93
20) 3+4-Methylphenols	7.07	107	525790	39.59	ng	# 65
22) Acetophenone	7.06	105	729637	38.12	ng	# 97
24) Nitrobenzene	7.23	77	647040	41.37	ng	# 83
25) Isophorone	7.47	82	1091888	36.50	ng	97
26) 2-Nitrophenol	7.54	139	285741	38.22	ng	96
27) 2,4-Dimethylphenol	7.60	122	550977	39.84	ng	97
28) bis(2-Chloroethoxy)methane	7.69	93	659346	36.54	ng	99
29) 2,4-Dichlorophenol	7.79	162	489763	39.50	ng	90
30) 1,2,4-Trichlorobenzene	7.87	180	522297	38.53	ng	98
31) Naphthalene	7.95	128	1618416	38.08	ng	99
32) Benzoic acid	7.74	122	402126	43.17	ng	98
33) 4-Chloroaniline	8.00	127	617797	36.03	ng	99
34) Hexachlorobutadiene	8.08	225	304560	38.34	ng	97
35) Caprolactam	8.39	113	165426	42.27	ng	# 81
36) 4-Chloro-3-methylphenol	8.49	107	524569	39.95	ng	86
37) 2-Methylnaphthalene	8.64	142	1105510	39.36	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	476171	38.08	ng	98
40) Hexachlorocyclopentadiene	8.80	237	285242	44.49	ng	97

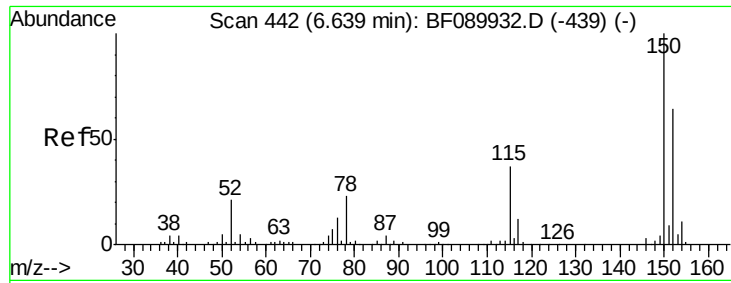
Data Path : Z:\HPCHEM1\BNA F\DATA\BF090116\
 Data File : BF089963.D
 Acq On : 1 Sep 2016 10:52
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 01 13:53:59 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 11:55:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	352305	40.65	nq	99
43) 2,4,5-Trichlorophenol	8.96	196	370244	44.43	nq	# 89
45) 1,1'-Biphenyl	9.11	154	1402370	40.80	nq	96
46) 2-Chloronaphthalene	9.12	162	929327	38.23	nq	98
47) 2-Nitroaniline	9.22	65	359604	45.25	nq	# 83
48) Acenaphthylene	9.53	152	1489891	37.06	nq	100
49) Dimethylphthalate	9.42	163	1275641	41.35	nq	98
50) 2,6-Dinitrotoluene	9.47	165	286258	41.72	nq	# 60
51) Acenaphthene	9.70	154	987311	38.77	nq	99
52) 3-Nitroaniline	9.63	138	343352	43.87	nq	86
53) 2,4-Dinitrophenol	9.74	184	166696	46.14	nq	# 71
54) Dibenzofuran	9.87	168	1226026	35.92	nq	98
55) 4-Nitrophenol	9.79	139	223401	37.85	nq	# 61
56) 2,4-Dinitrotoluene	9.86	165	320380	36.82	nq	# 84
57) Fluorene	10.22	166	947881	38.01	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	304205	42.64	nq	95
59) Diethylphthalate	10.10	149	1131780	38.99	nq	99
60) 4-Chlorophenyl-phenylether	10.22	204	472388	40.25	nq	# 90
61) 4-Nitroaniline	10.24	138	290721	37.81	nq	91
62) Azobenzene	10.38	77	1186116	40.91	nq	86
64) 4,6-Dinitro-2-methylphenol	10.27	198	247239	46.50	nq	# 70
65) n-Nitrosodiphenylamine	10.33	169	917773	36.76	nq	99
66) 4-Bromophenyl-phenylether	10.70	248	315611	37.75	nq	93
67) Hexachlorobenzene	10.76	284	390341	40.87	nq	# 75
68) Atrazine	10.87	200	362392	43.48	nq	96
69) Pentachlorophenol	10.95	266	230905	44.94	nq	98
70) Phenanthrene	11.16	178	1421882	34.38	nq	100
71) Anthracene	11.22	178	1720996	41.03	nq	99
72) Carbazole	11.37	167	1399484	35.58	nq	99
73) Di-n-butylphthalate	11.72	149	1942368	42.37	nq	# 98
74) Fluoranthene	12.34	202	1523921	35.16	nq	96
76) Benzidine	12.47	184	933776	38.43	nq	98
77) Pyrene	12.57	202	1778570	39.33	nq	99
79) Butylbenzylphthalate	13.20	149	752468	41.26	nq	97
80) Benzo(a)anthracene	13.75	228	1471094	37.45	nq	99
81) 3,3'-Dichlorobenzidine	13.73	252	656770	46.32	nq	# 96
82) Chrysene	13.78	228	1385506	37.76	nq	99
83) Bis(2-ethylhexyl)phthalate	13.77	149	1065953	42.26	nq	98
84) Di-n-octyl phthalate	14.38	149	1849315	45.42	nq	99
85) Indeno(1,2,3-cd)pyrene	16.33	276	1163240	42.88	nq	100
87) Benzo(b)fluoranthene	14.74	252	2605942	68.92	nq	# 97
88) Benzo(k)fluoranthene	14.74	252	2605942	81.22	nq	# 98
89) Benzo(a)pyrene	15.05	252	1208406	37.30	nq	# 96
90) Dibenzo(a,h)anthracene	16.35	278	938336	39.53	nq	99
91) Benzo(g,h,i)perylene	16.71	276	939726	39.33	nq	98

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

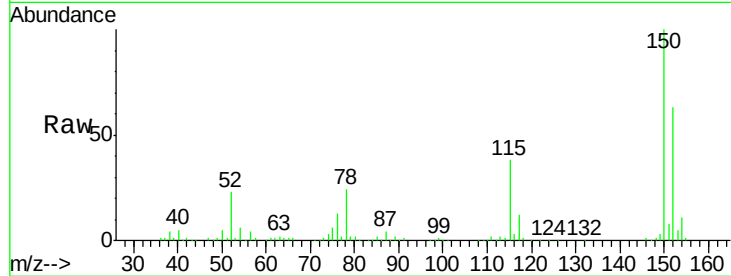


#1

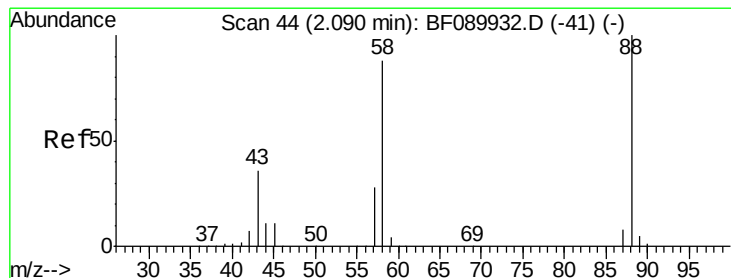
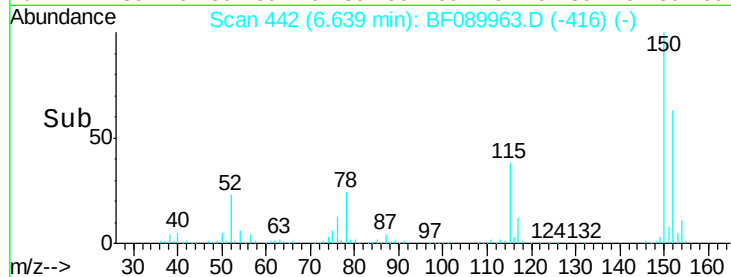
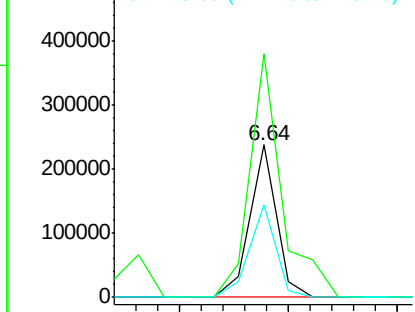
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF089963.D
Acq: 1 Sep 2016 10:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	127.4	191.2
115	60.9	46.3	69.5



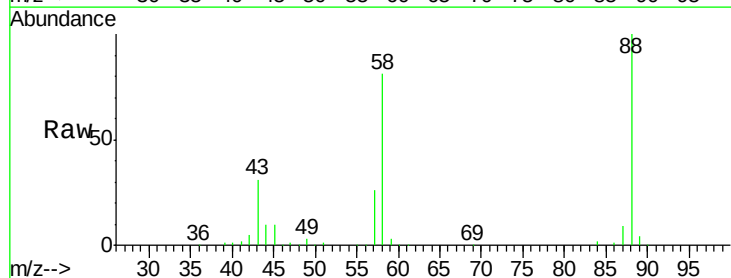
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



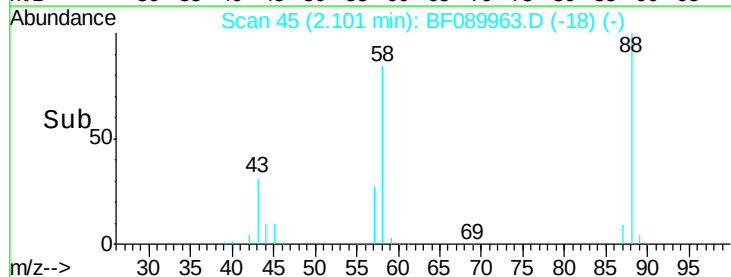
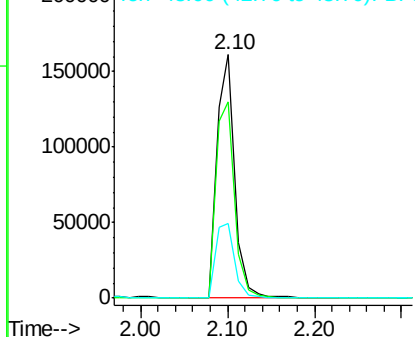
#2

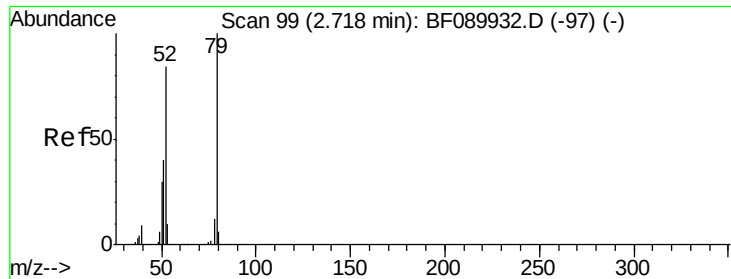
1,4-Dioxane
Concen: 38.97 ng
RT: 2.10 min Scan# 45
Delta R.T. 0.01 min
Lab File: BF089963.D
Acq: 1 Sep 2016 10:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.1	68.8	103.2
43	33.1	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: 36.76 ng

RT: 2.73 min Scan# 100

Delta R.T. 0.01 min

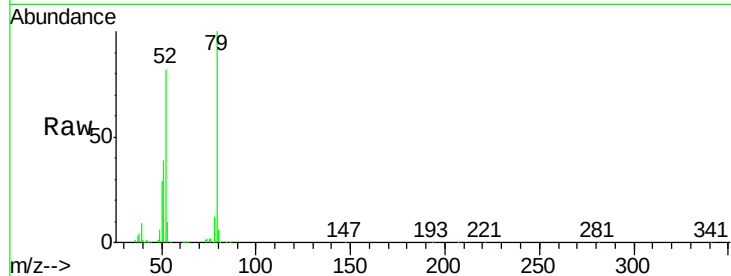
Lab File: BF089963.D

Acq: 1 Sep 2016 10:52

Instrument :

BNA_F

ClientSampleId :



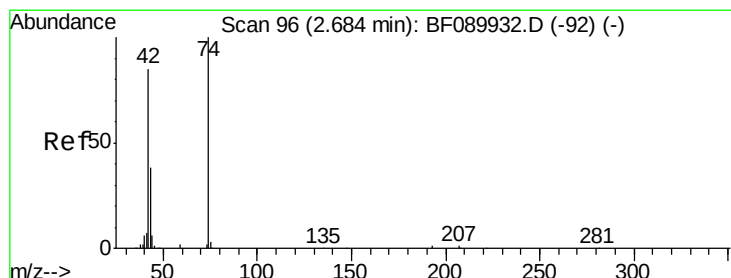
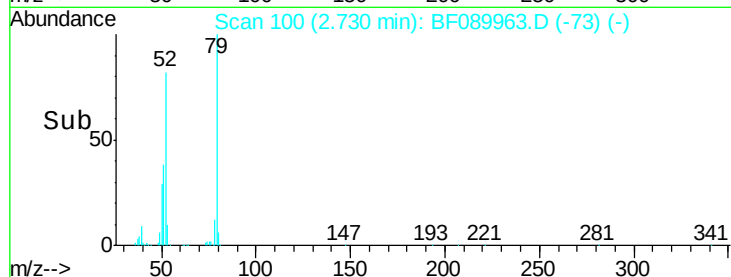
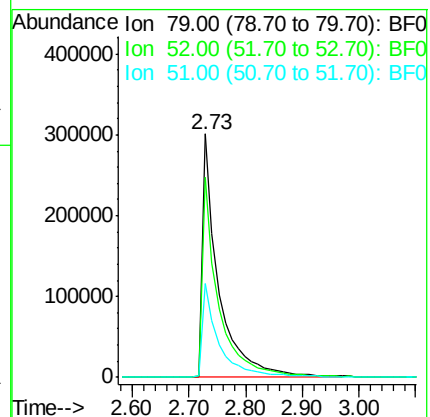
Tot Ion: 79 Resp: 587579

Ion Ratio Lower Upper

79 100

52 82.4 67.8 101.6

51 38.7 32.9 49.3



#4

n-Nitrosodimethylamine

Concen: 39.57 ng

RT: 2.68 min Scan# 96

Delta R.T. 0.00 min

Lab File: BF089963.D

Acq: 1 Sep 2016 10:52

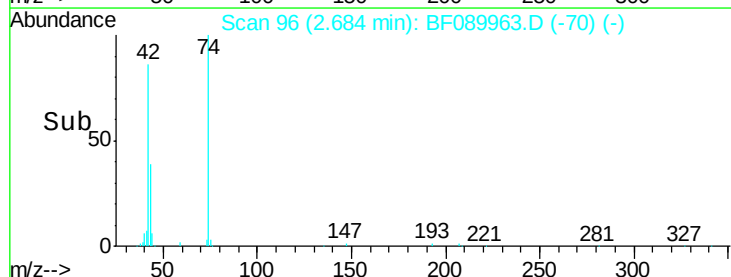
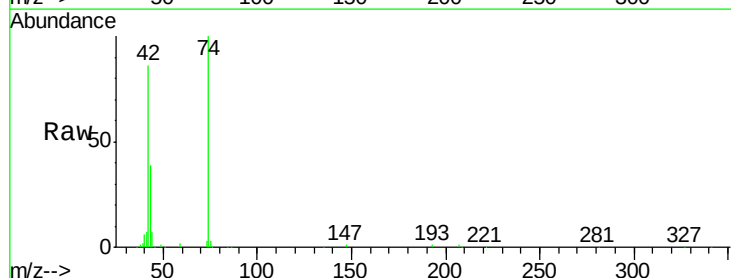
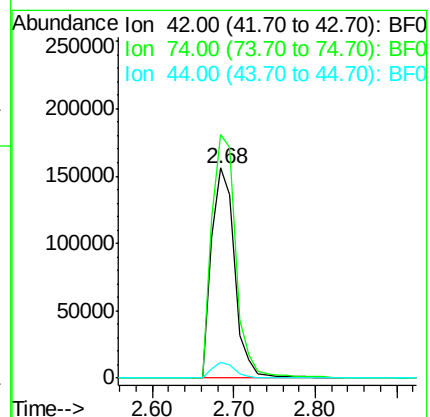
Tgt Ion: 42 Resp: 311931

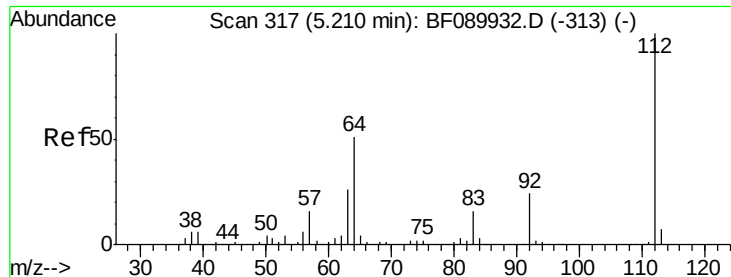
Ion Ratio Lower Upper

42 100

74 115.9 92.0 138.0

44 7.6 5.8 8.8





#5

2-Fluorophenol

Concen: 75.60 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.00 min

Lab File: BF089963.D

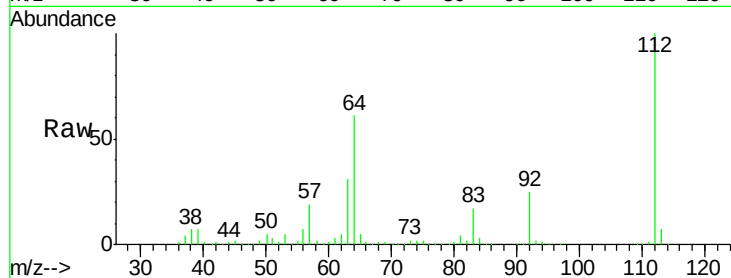
Acq: 1 Sep 2016 10:52

Instrument :

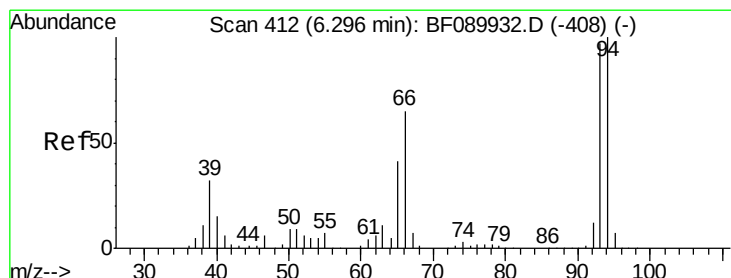
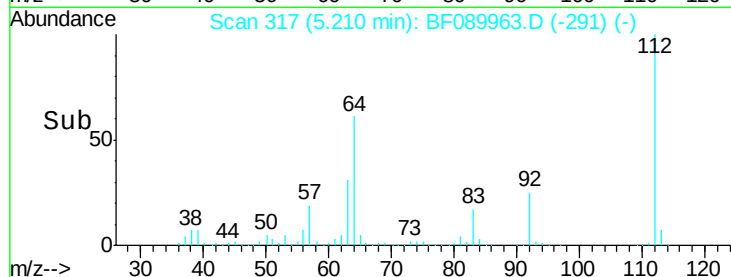
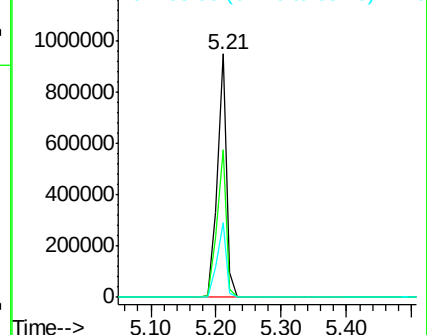
BNA_F

ClientSampled :

Tot Ion:	112	Resp:	956074
Ion	Ratio	Lower	Upper
112	100		
64	60.6	41.1	61.7
63	30.9	21.2	31.8



Abundance Ion 112.00 (111.70 to 112.70): BF089963.D (-313) (-)



#6

Aniline

Concen: 38.45 ng

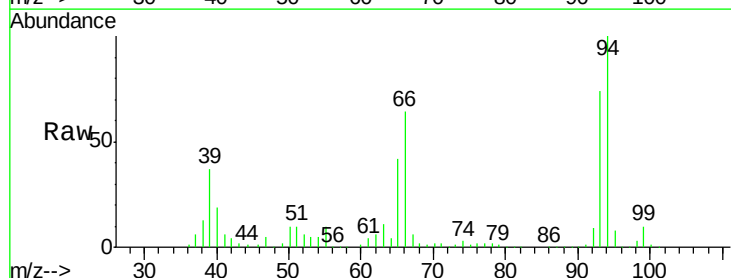
RT: 6.30 min Scan# 412

Delta R.T. -0.00 min

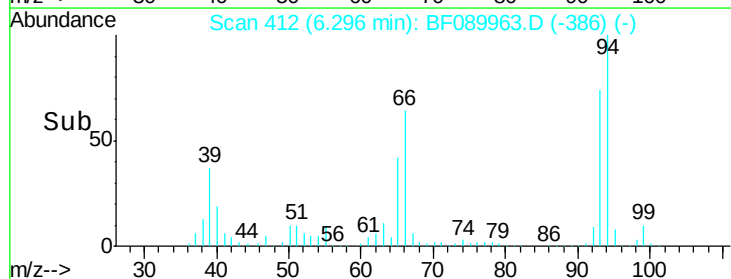
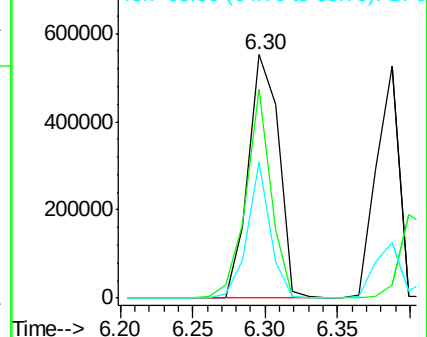
Lab File: BF089963.D

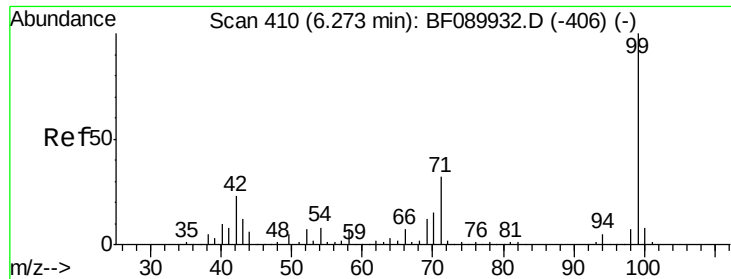
Acq: 1 Sep 2016 10:52

Tgt Ion:	93	Resp:	806206
Ion	Ratio	Lower	Upper
93	100		
66	85.8	52.9	79.3#
65	56.1	33.0	49.6#



Abundance Ion 93.00 (92.70 to 93.70): BF089963.D (-408) (-)





#7

Phenol-d6

Concen: 76.58 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF089963.D

Acq: 1 Sep 2016 10:52

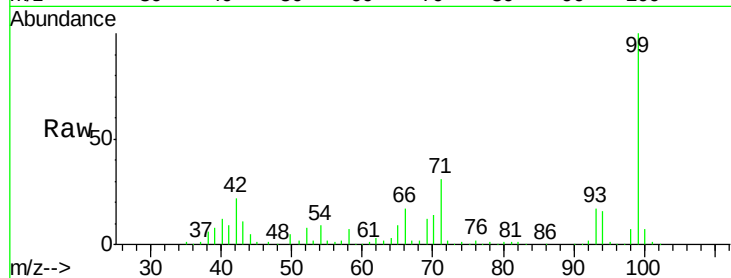
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1176779

Ion	Ratio	Lower	Upper
99	100		
42	22.0	18.6	27.8
71	31.2	25.8	38.6

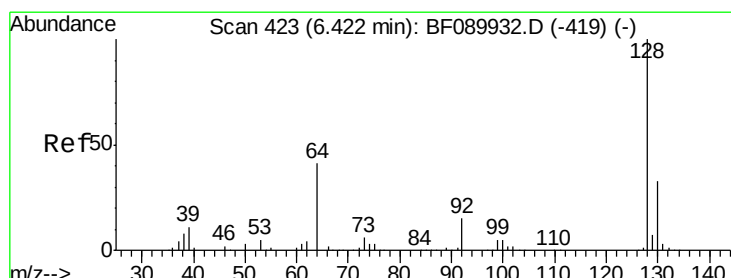
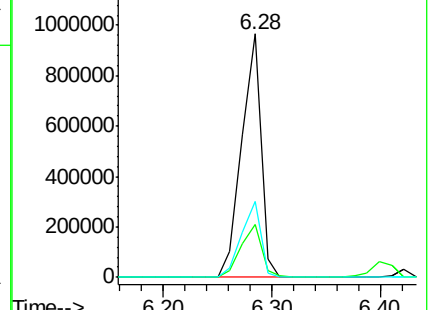
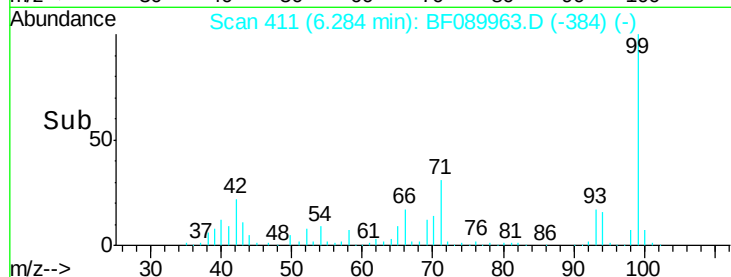


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.91 ng

RT: 6.42 min Scan# 423

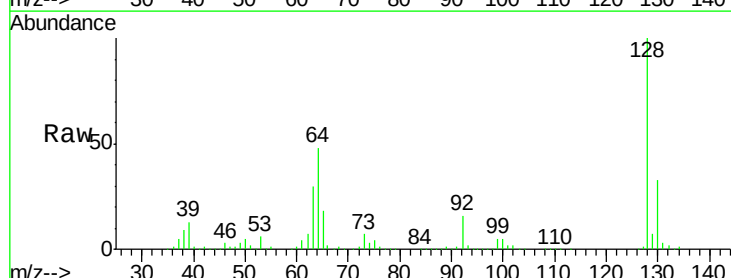
Delta R.T. 0.00 min

Lab File: BF089963.D

Acq: 1 Sep 2016 10:52

Tgt Ion: 128 Resp: 547626

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.8	52.8
64	48.4	23.2	63.2

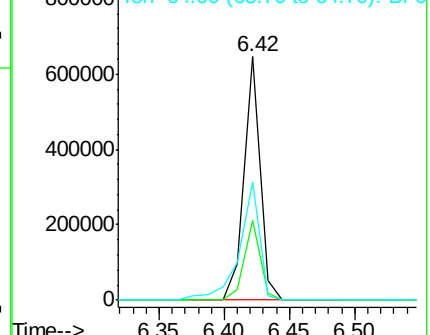
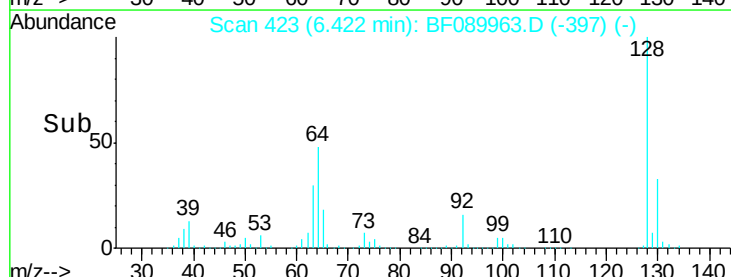


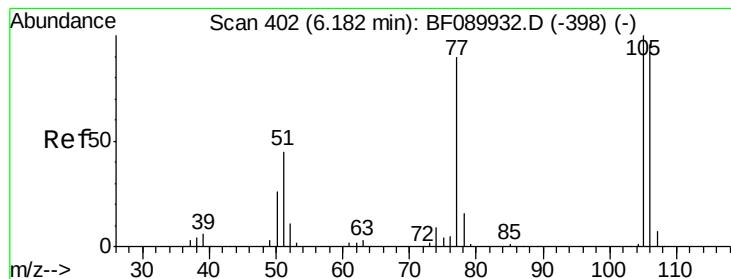
Abundance

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: 40.21 ng

RT: 6.18 min Scan# 402

Delta R.T. -0.00 min

Lab File: BF089963.D

Acq: 1 Sep 2016 10:52

Instrument :

BNA_F

ClientSampled :

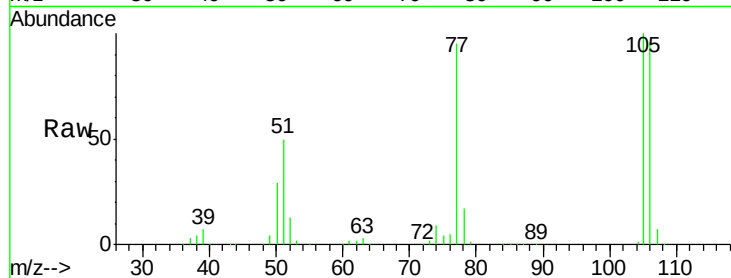
Tot Ion: 77 Resp: 398638

Ion Ratio Lower Upper

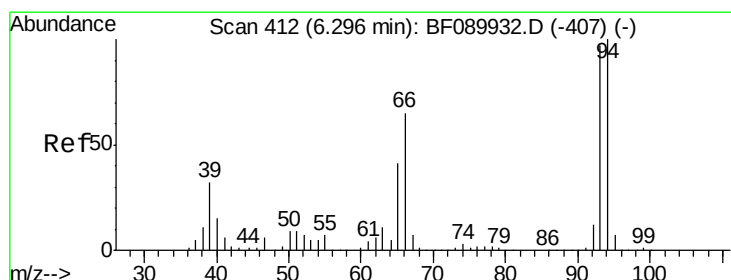
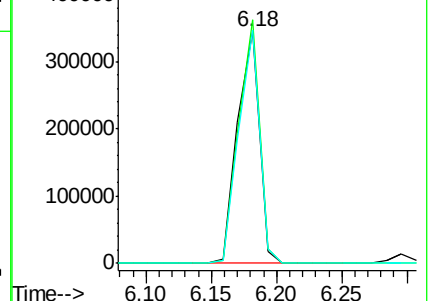
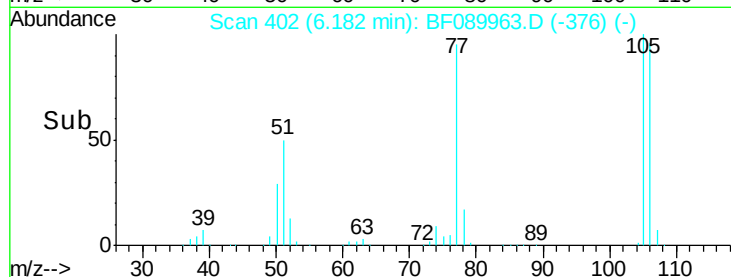
77 100

105 105.2 85.4 125.4

106 100.8 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: 37.39 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF089963.D

Acq: 1 Sep 2016 10:52

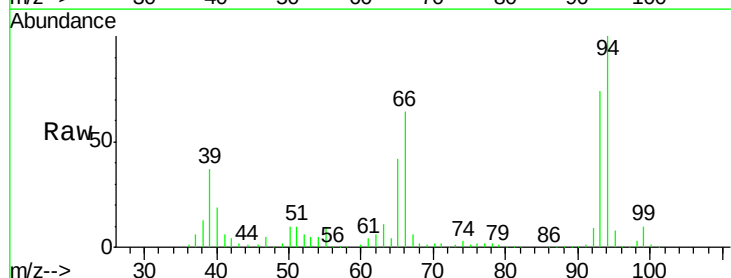
Tgt Ion: 94 Resp: 668131

Ion Ratio Lower Upper

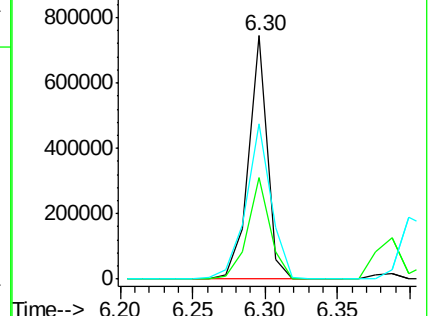
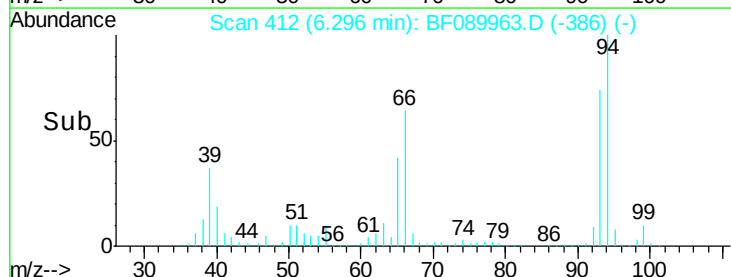
94 100

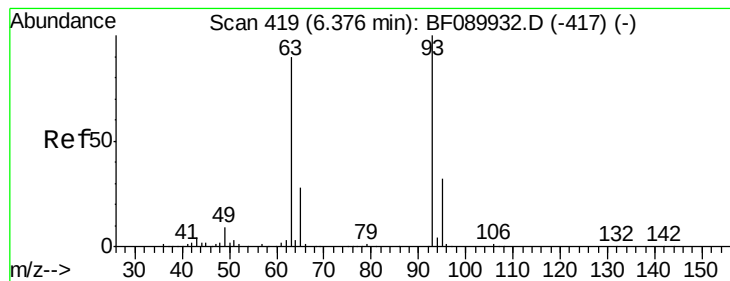
65 41.6 23.2 63.2

66 63.6 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

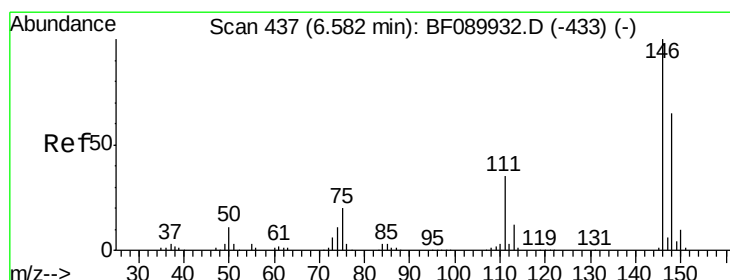
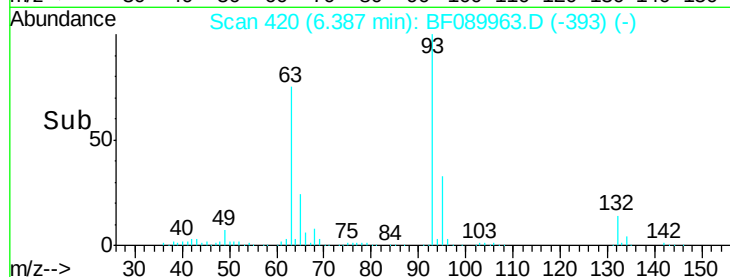
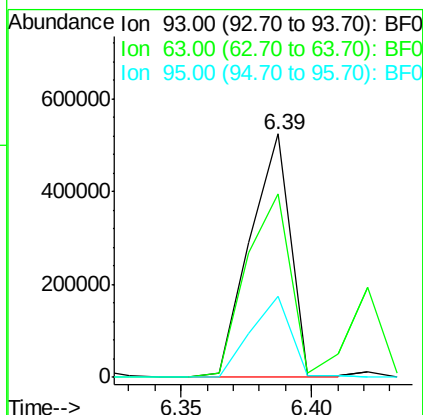
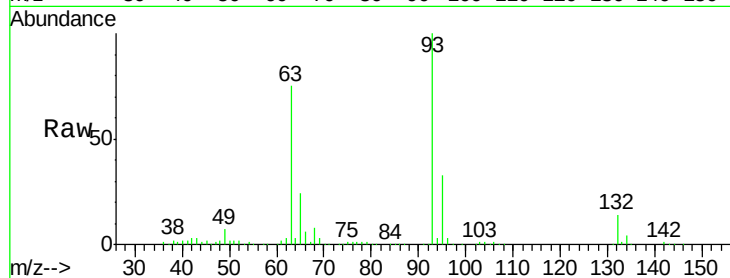




#11
bis(2-Chloroethyl)ether
Concen: 41.84 ng
RT: 6.39 min Scan# 420
Delta R.T. 0.01 min
Lab File: BF089963.D
Acq: 1 Sep 2016 10:52

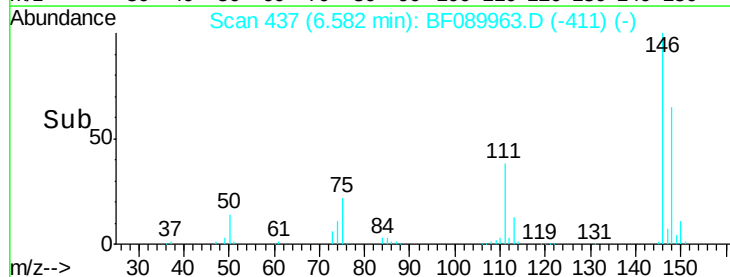
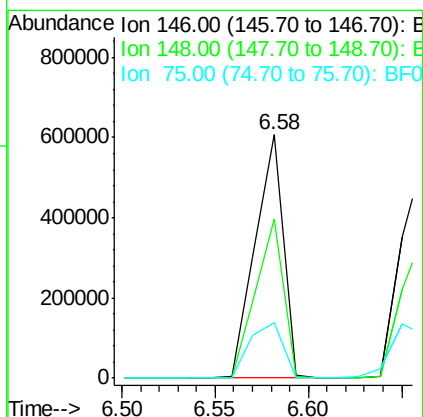
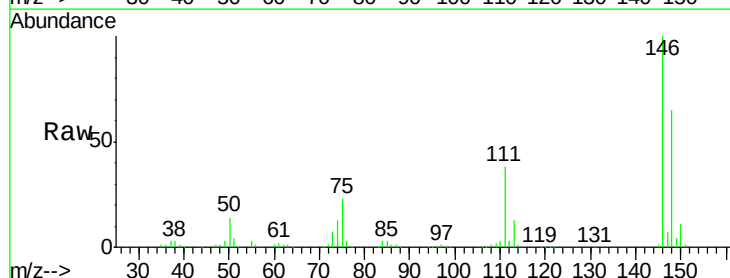
Instrument :
BNA_F
ClientSampleId :

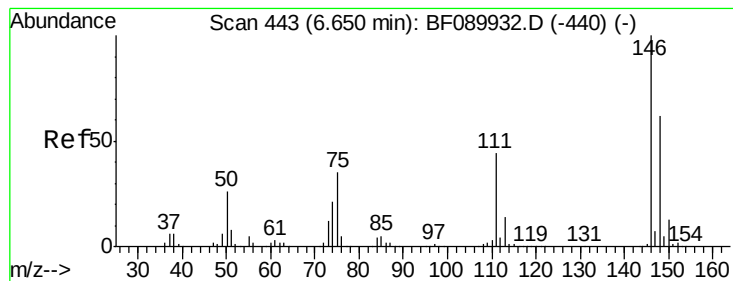
Tot Ion: 93 Resp: 565801
Ion Ratio Lower Upper
93 100
63 75.4 71.1 111.1
95 33.2 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 41.20 ng
RT: 6.58 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF089963.D
Acq: 1 Sep 2016 10:52

Tgt Ion: 146 Resp: 631264
Ion Ratio Lower Upper
146 100
148 65.3 52.5 78.7
75 22.7 16.6 24.8





#13

1,4-Dichlorobenzene

Concen: 40.26 ng

RT: 6.58 min Scan# 437

Delta R.T. -0.07 min

Lab File: BF089963.D

Acq: 1 Sep 2016 10:52

Instrument :

BNA_F

ClientSampleId :

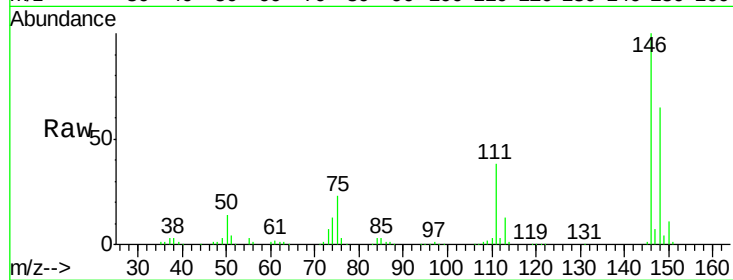
Tot Ion:146 Resp: 631264

Ion Ratio Lower Upper

146 100

148 65.3 50.1 75.1

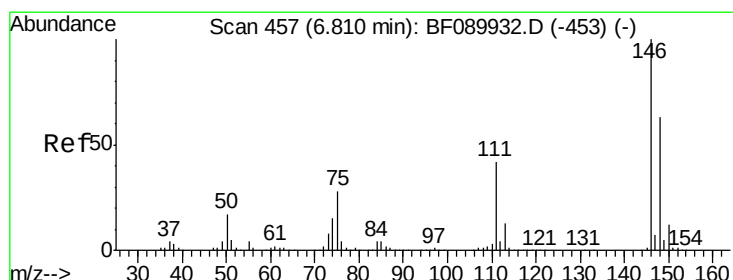
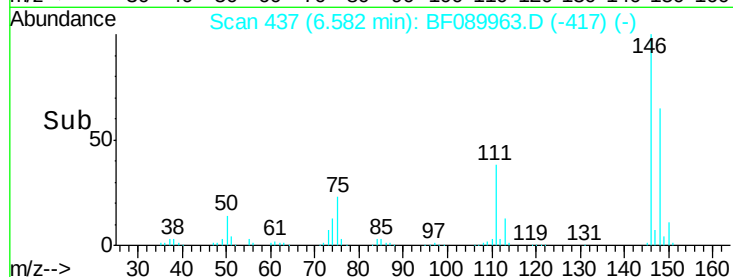
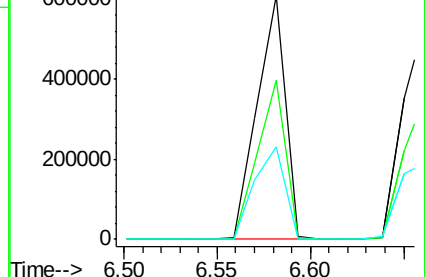
111 38.3 35.8 53.6



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: 39.76 ng

RT: 6.81 min Scan# 457

Delta R.T. -0.00 min

Lab File: BF089963.D

Acq: 1 Sep 2016 10:52

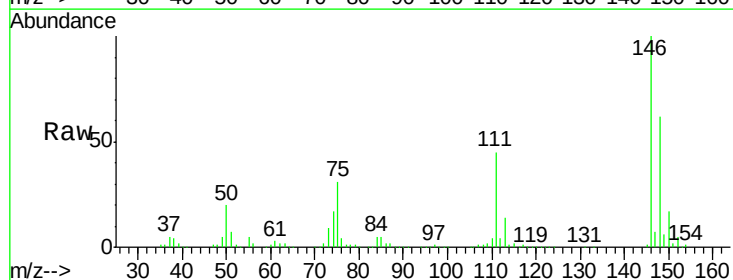
Tgt Ion:146 Resp: 558822

Ion Ratio Lower Upper

146 100

148 62.5 51.4 77.2

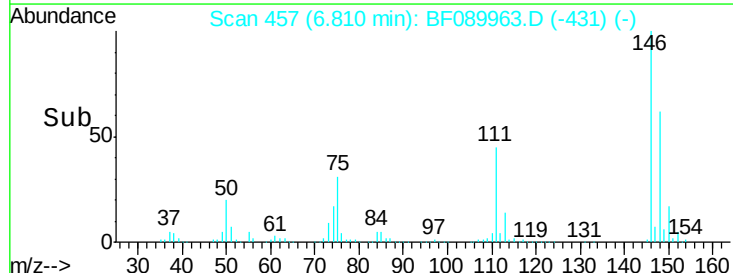
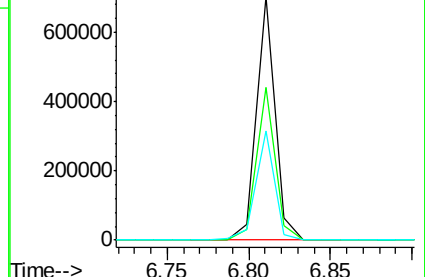
111 44.7 34.6 51.8

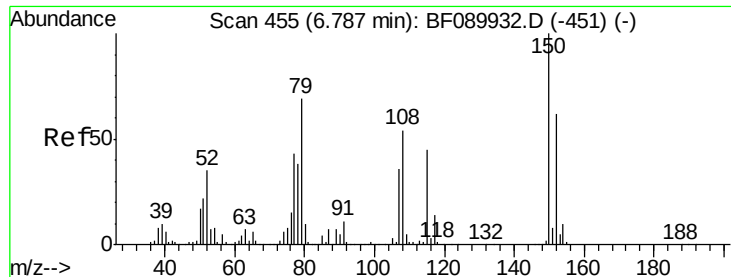


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.80 ng

RT: 6.79 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF089963.D

Acq: 1 Sep 2016 10:52

Instrument :
BNA_F
ClientSampleId :

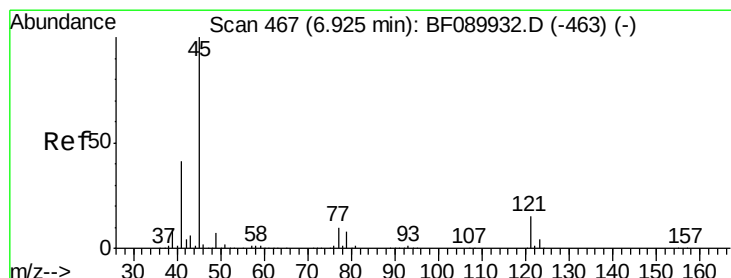
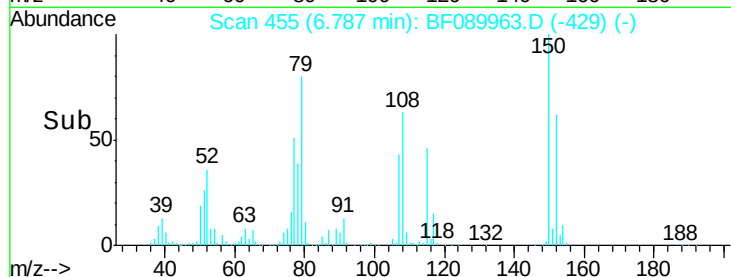
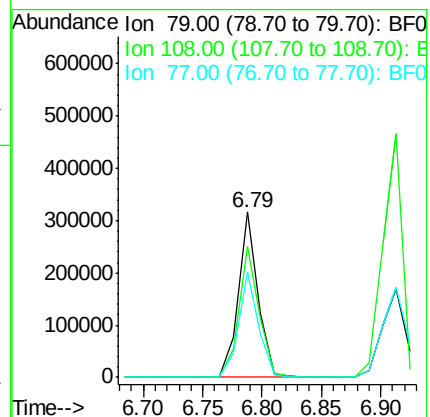
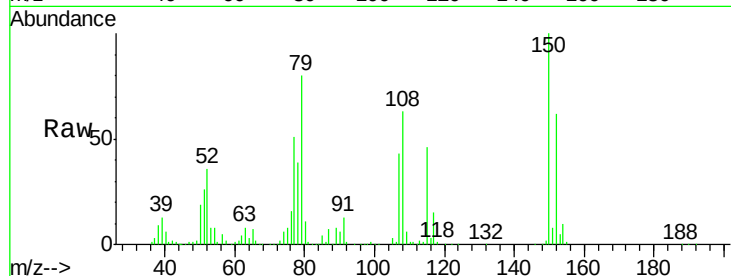
Tot Ion: 79 Resp: 363849

Ion Ratio Lower Upper

79 100

108 79.2 62.1 93.1

77 64.1 50.1 75.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.93 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.01 min

Lab File: BF089963.D

Acq: 1 Sep 2016 10:52

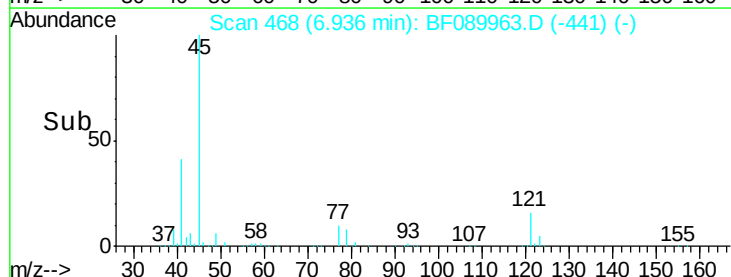
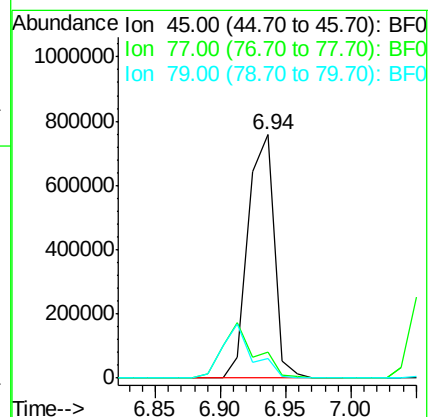
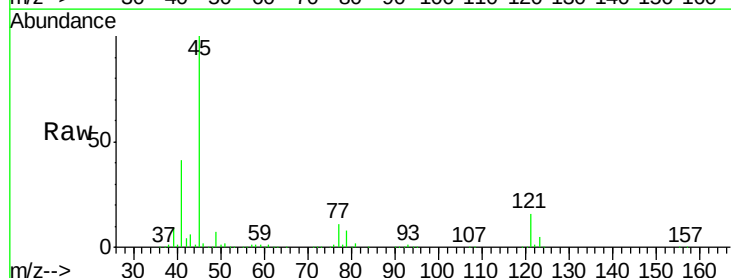
Tgt Ion: 45 Resp: 1055447

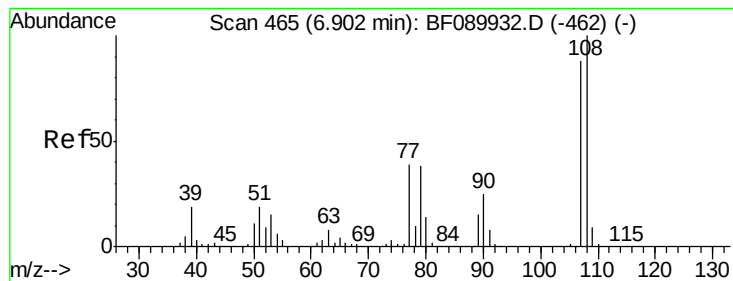
Ion Ratio Lower Upper

45 100

77 10.6 0.0 30.3

79 8.2 0.0 27.5

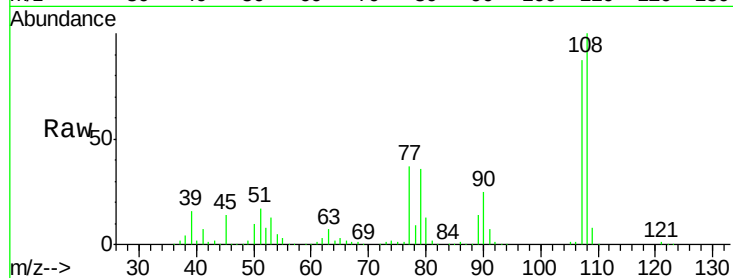




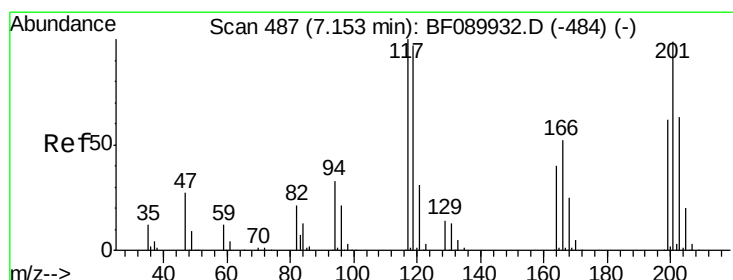
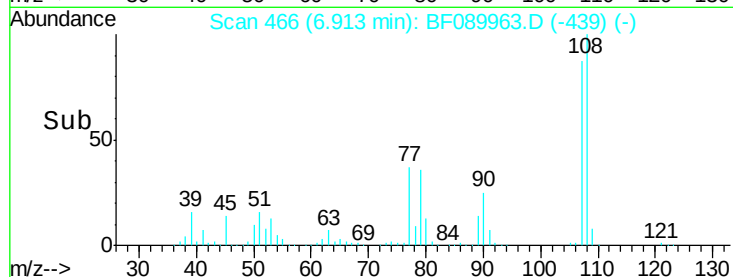
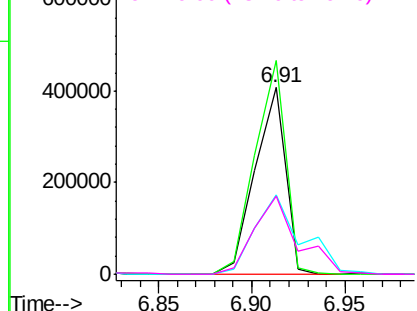
#17
2-Methylphenol
Concen: 41.95 ng
RT: 6.91 min Scan# 466
Delta R.T. 0.01 min
Lab File: BF089963.D
Acq: 1 Sep 2016 10:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 459618
Ion Ratio Lower Upper
107 100
108 114.5 91.8 137.6
77 42.5 36.0 54.0
79 41.6 35.9 53.9

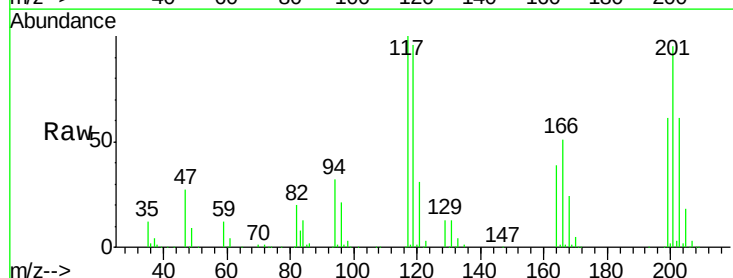


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

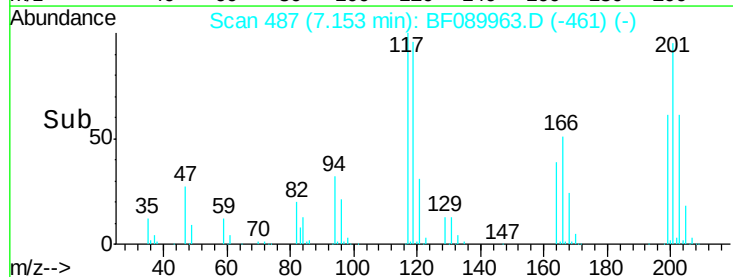
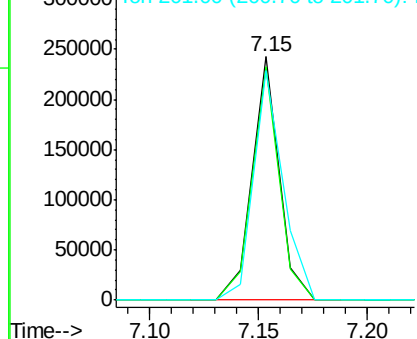


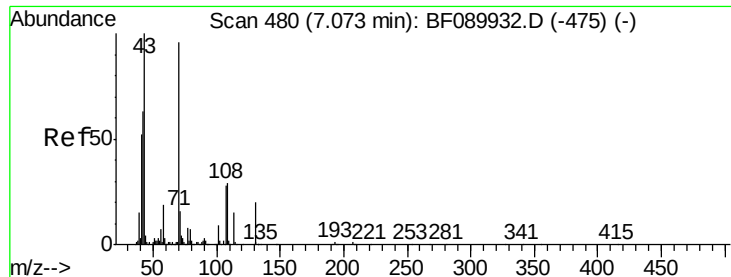
#18
Hexachloroethane
Concen: 39.01 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.00 min
Lab File: BF089963.D
Acq: 1 Sep 2016 10:52

Tgt Ion:117 Resp: 209490
Ion Ratio Lower Upper
117 100
119 96.0 76.2 114.2
201 94.5 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

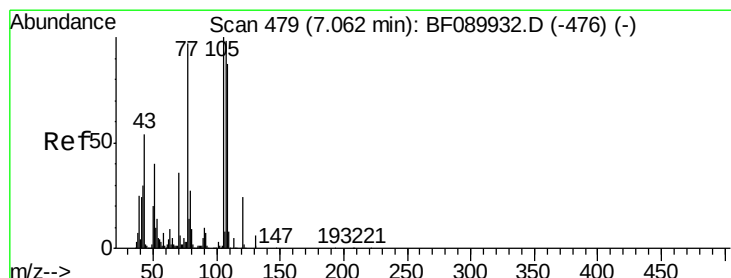
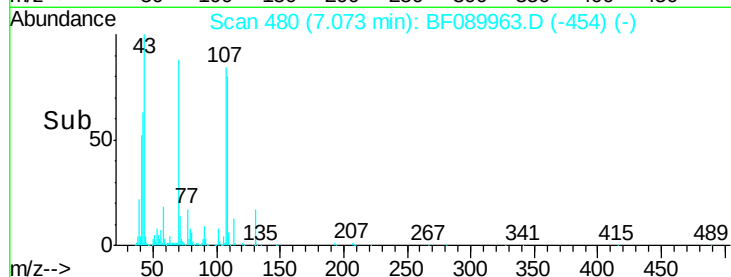
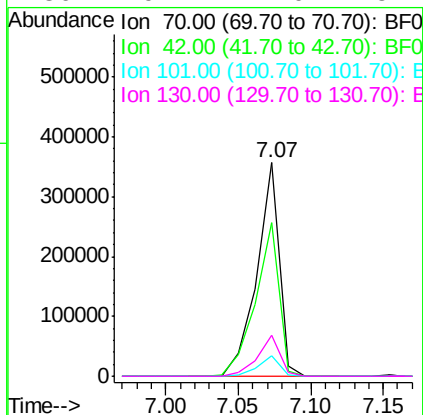
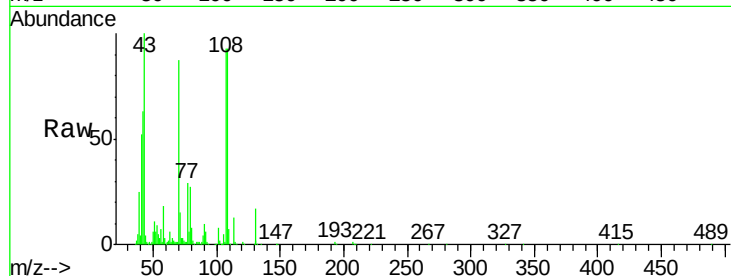




#19
n-Nitroso-di-n-propylamine
Concen: 38.29 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.00 min
Lab File: BF089963.D
Acq: 1 Sep 2016 10:52

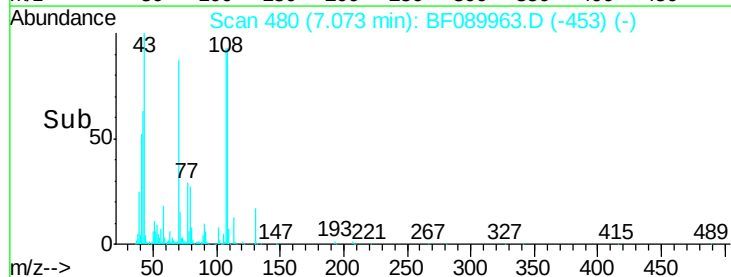
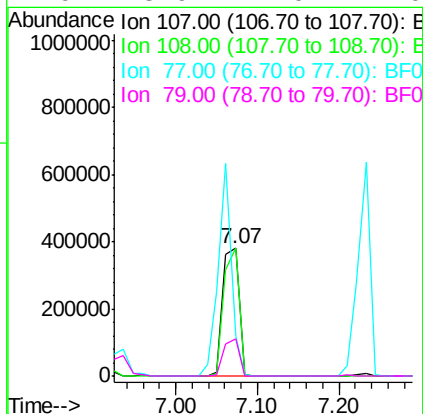
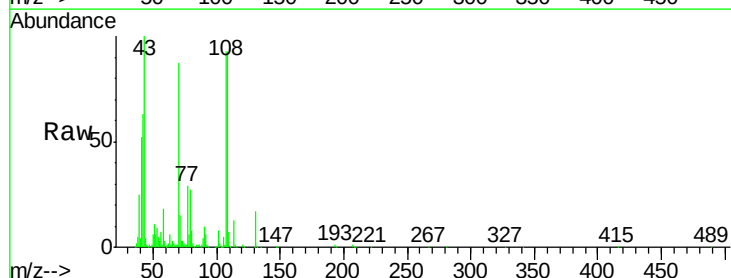
Instrument :
BNA_F
ClientSampleId :

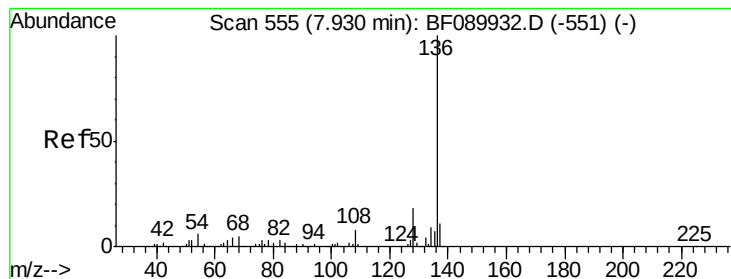
Tot Ion: 70 Resp: 383448
Ion Ratio Lower Upper
70 100
42 72.2 52.1 78.1
101 9.3 7.4 11.2
130 19.1 17.0 25.4



#20
3+4-Methylphenols
Concen: 39.59 ng
RT: 7.07 min Scan# 480
Delta R.T. 0.01 min
Lab File: BF089963.D
Acq: 1 Sep 2016 10:52

Tgt Ion: 107 Resp: 525790
Ion Ratio Lower Upper
107 100
108 100.0 70.2 110.2
77 30.8 75.7 115.7#
79 28.9 7.0 47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF089963.D

Acq: 1 Sep 2016 10:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 853147

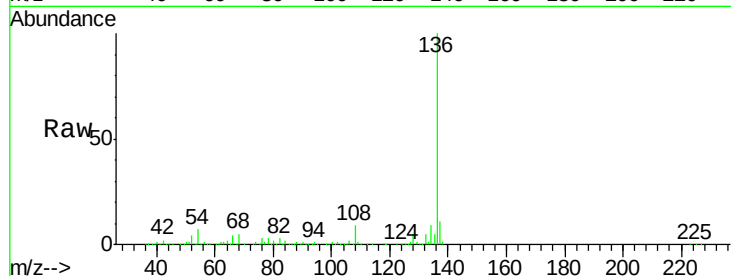
Ion Ratio Lower Upper

136 100

137 10.8 8.3 12.5

54 7.2 4.8 7.2#

68 5.3 3.7 5.5

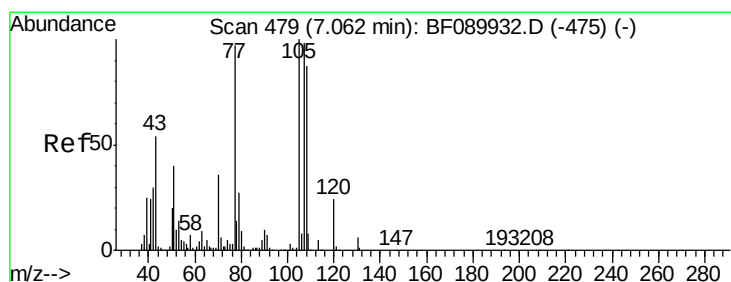
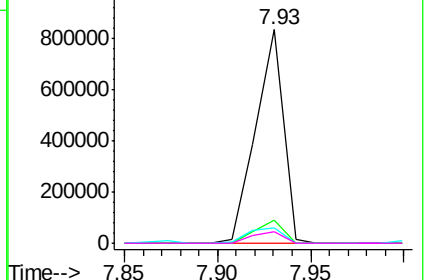
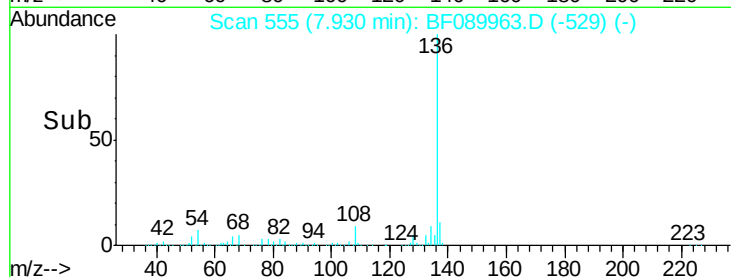


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.12 ng

RT: 7.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF089963.D

Acq: 1 Sep 2016 10:52

Tgt Ion:105 Resp: 729637

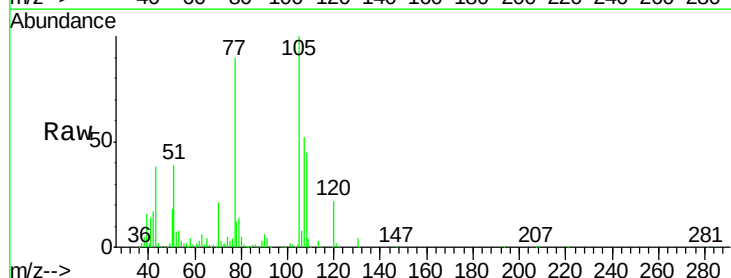
Ion Ratio Lower Upper

105 100

71 3.4 5.3 7.9#

51 38.8 32.6 48.8

120 22.4 18.6 28.0

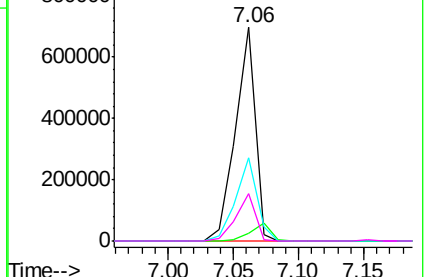
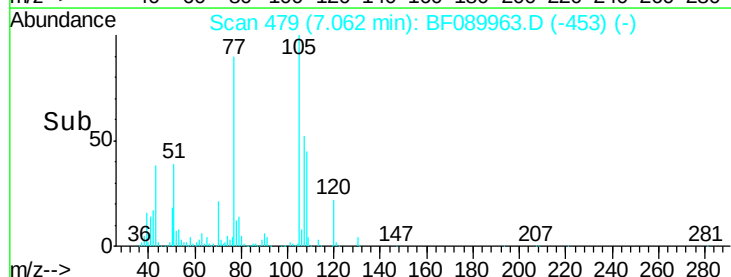


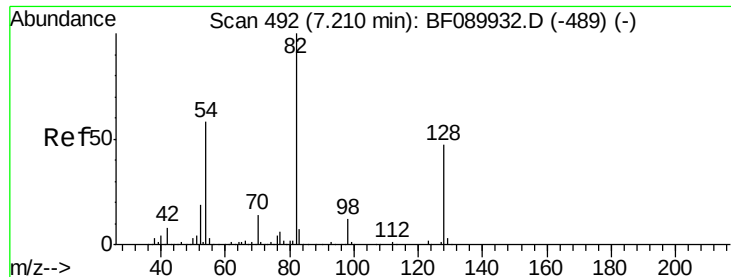
Abundance Ion 105.00 (104.70 to 105.70): E

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

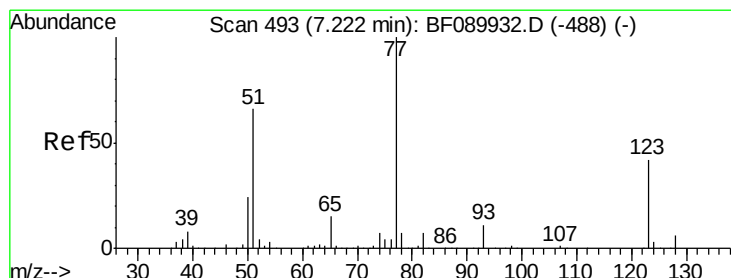
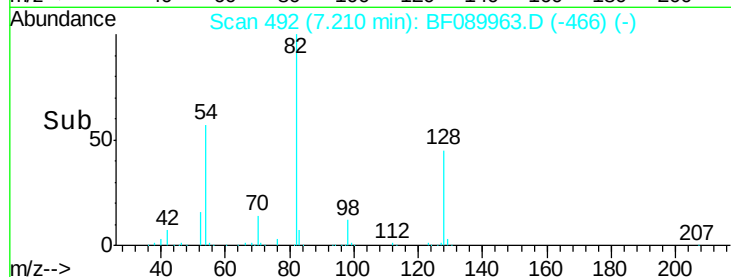
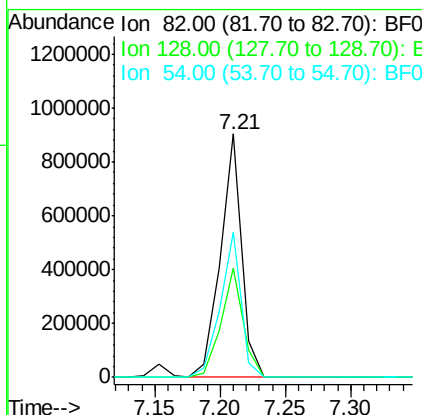
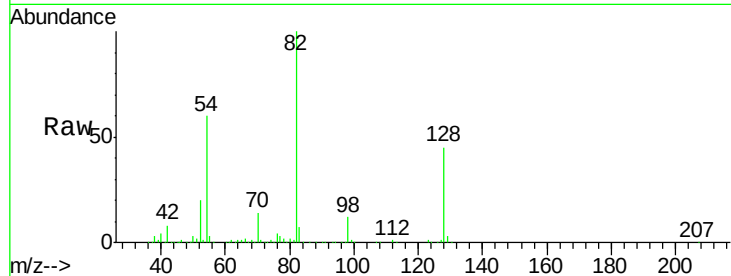




#23
 Nitrobenzene-d5
 Concen: 69.75 ng
 RT: 7.21 min Scan# 492
 Delta R.T. 0.00 min
 Lab File: BF089963.D
 Acq: 1 Sep 2016 10:52

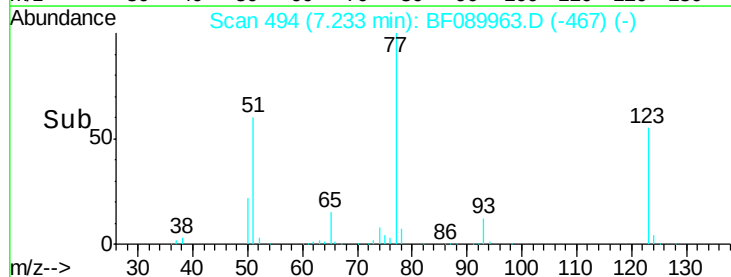
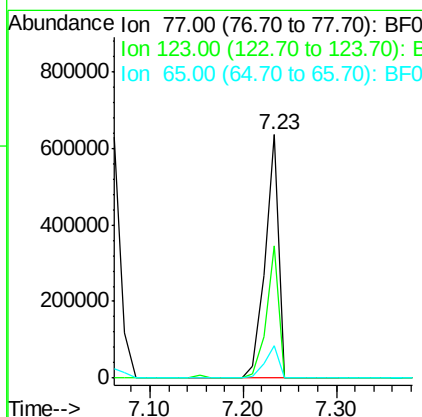
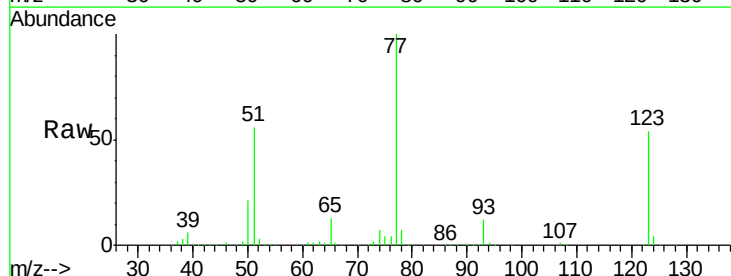
Instrument :
 BNA_F
 ClientSampled :

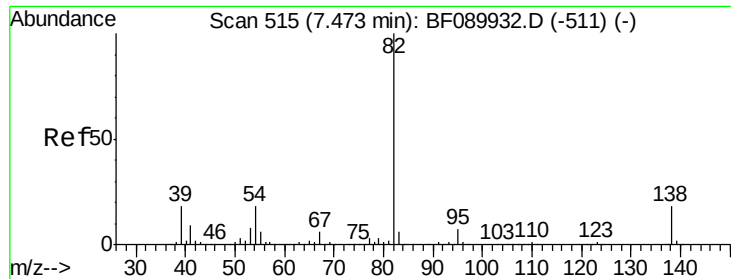
Tot Ion: 82 Resp: 1026131
 Ion Ratio Lower Upper
 82 100
 128 45.0 37.8 56.8
 54 59.6 46.9 70.3



#24
 Nitrobenzene
 Concen: 41.37 ng
 RT: 7.23 min Scan# 494
 Delta R.T. 0.01 min
 Lab File: BF089963.D
 Acq: 1 Sep 2016 10:52

Tgt Ion: 77 Resp: 647040
 Ion Ratio Lower Upper
 77 100
 123 54.1 32.0 48.0#
 65 13.3 11.2 16.8





#25

Isophorone

Concen: 36.50 ng

RT: 7.47 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF089963.D

Acq: 1 Sep 2016 10:52

Instrument :

BNA_F

ClientSampled :

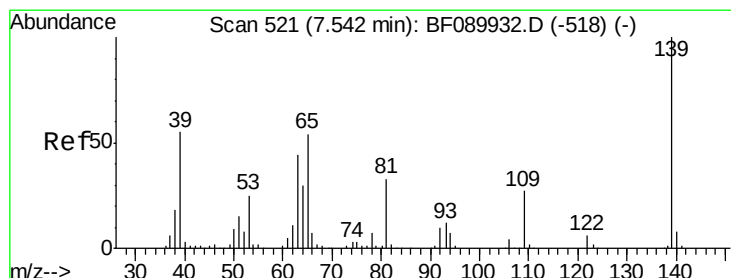
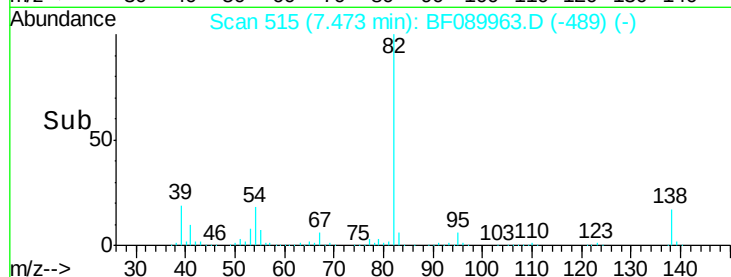
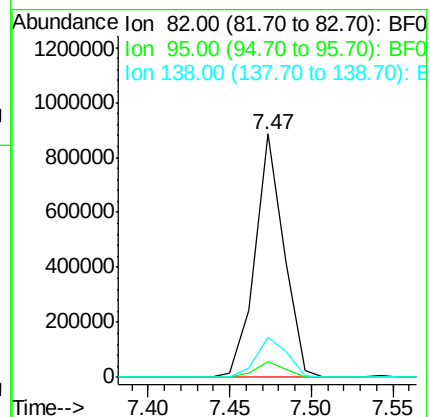
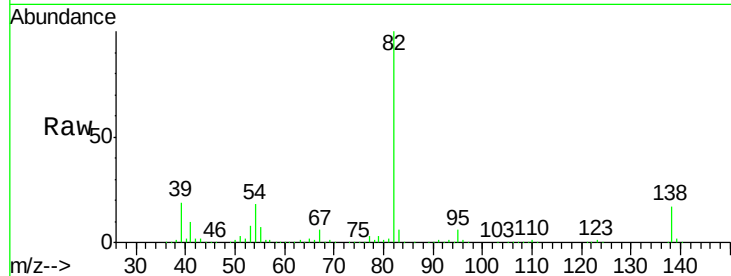
Tot Ion: 82 Resp: 1091888

Ion Ratio Lower Upper

82 100

95 6.4 5.5 8.3

138 16.7 14.4 21.6



#26

2-Nitrophenol

Concen: 38.22 ng

RT: 7.54 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF089963.D

Acq: 1 Sep 2016 10:52

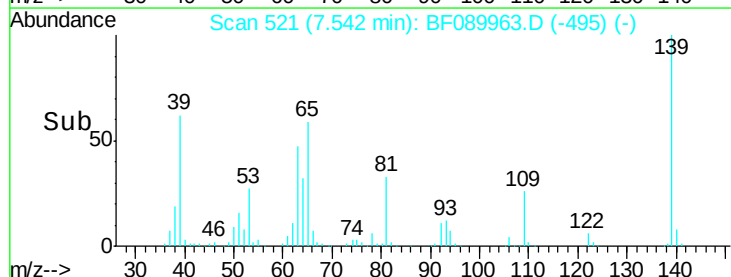
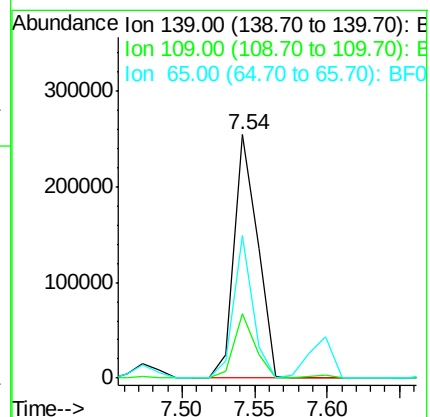
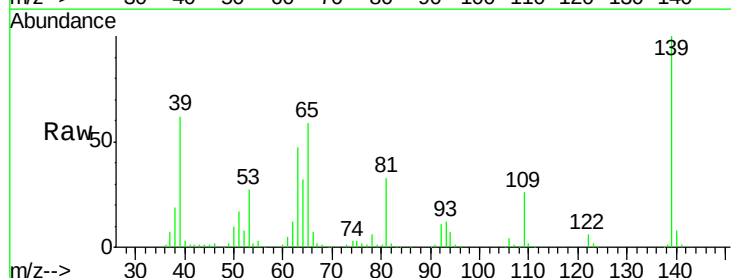
Tgt Ion: 139 Resp: 285741

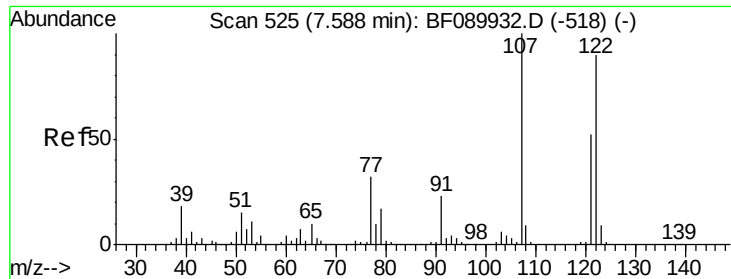
Ion Ratio Lower Upper

139 100

109 26.3 21.0 31.4

65 58.5 43.4 65.0





#27

2,4-Dimethylphenol

Concen: 39.84 ng

RT: 7.60 min Scan# 526

Delta R.T. 0.01 min

Lab File: BF089963.D

Acq: 1 Sep 2016 10:52

Instrument :

BNA_F

ClientSampleId :

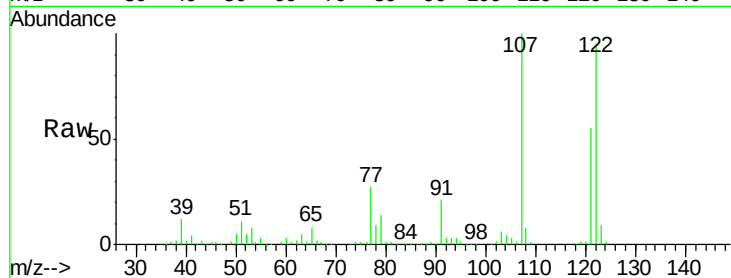
Tot Ion:122 Resp: 550977

Ion Ratio Lower Upper

122 100

107 105.3 88.5 132.7

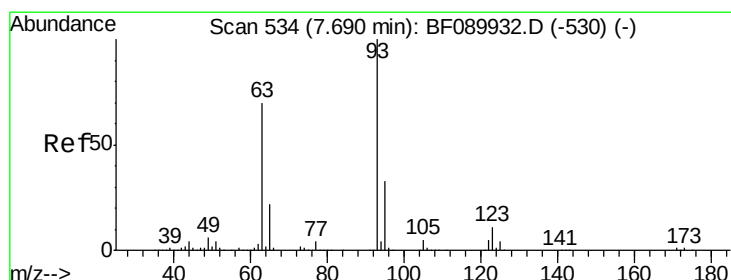
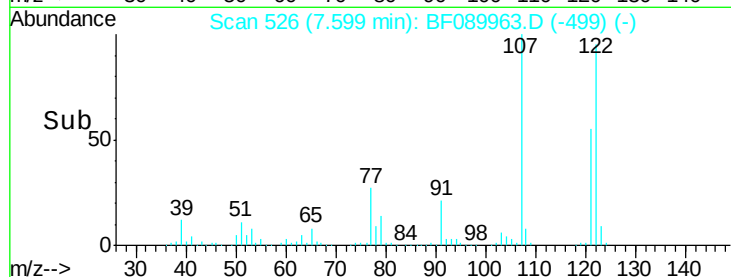
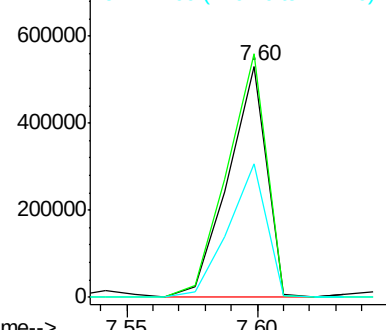
121 57.7 46.0 69.0



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: 36.54 ng

RT: 7.69 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF089963.D

Acq: 1 Sep 2016 10:52

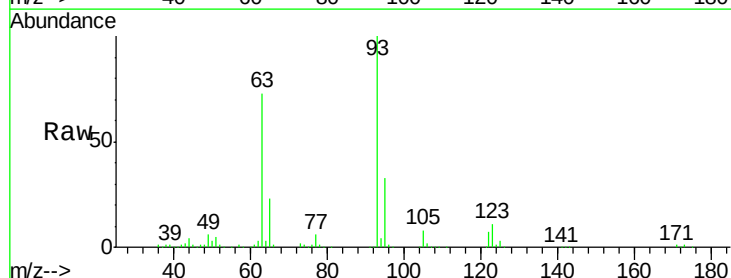
Tgt Ion: 93 Resp: 659346

Ion Ratio Lower Upper

93 100

95 32.5 26.6 40.0

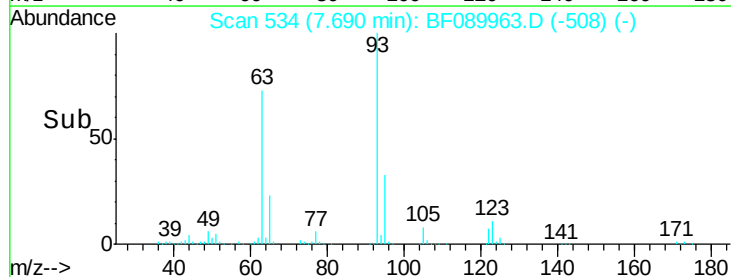
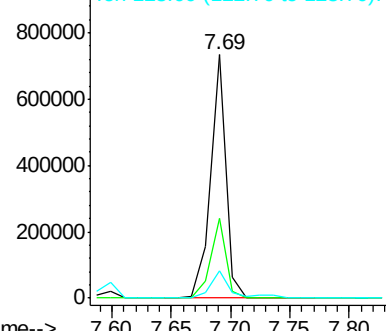
123 11.0 9.1 13.7

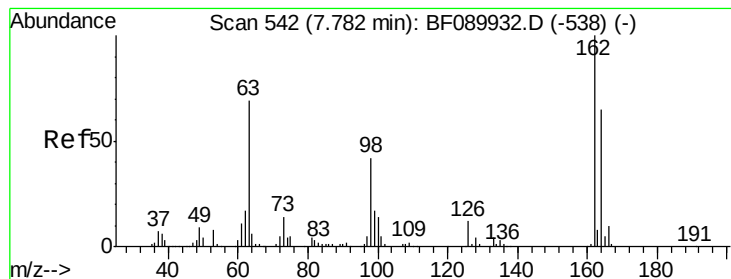


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.50 ng

RT: 7.79 min Scan# 543

Delta R.T. 0.01 min

Lab File: BF089963.D

Acq: 1 Sep 2016 10:52

Instrument :

BNA_F

ClientSampled :

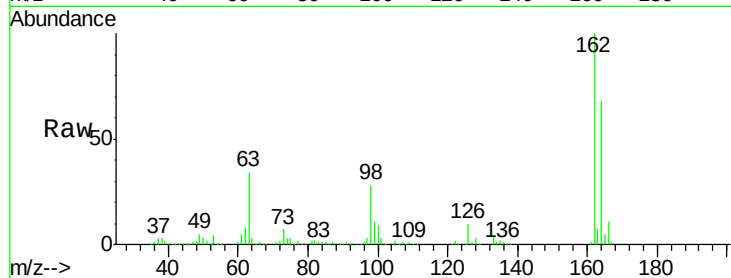
Tot Ion:162 Resp: 489763

Ion Ratio Lower Upper

162 100

164 68.0 46.6 86.6

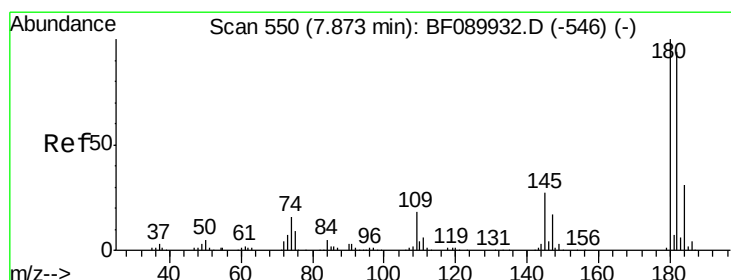
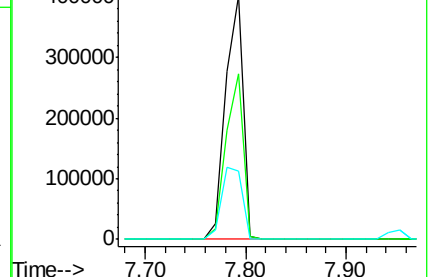
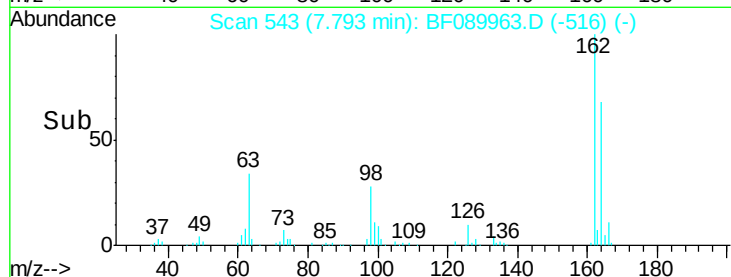
98 27.8 22.0 62.0



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: 38.53 ng

RT: 7.87 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF089963.D

Acq: 1 Sep 2016 10:52

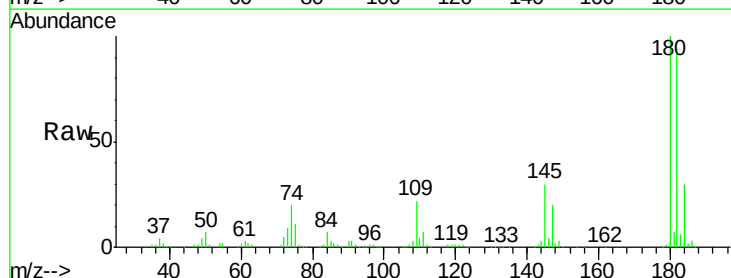
Tgt Ion:180 Resp: 522297

Ion Ratio Lower Upper

180 100

182 94.5 76.2 114.2

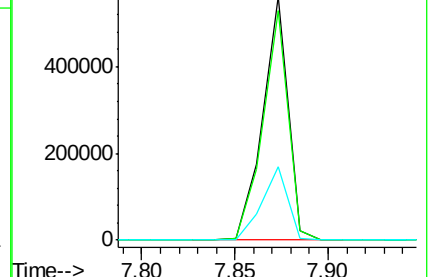
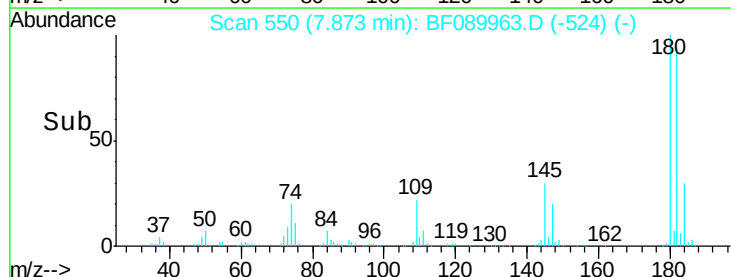
145 30.3 22.2 33.4

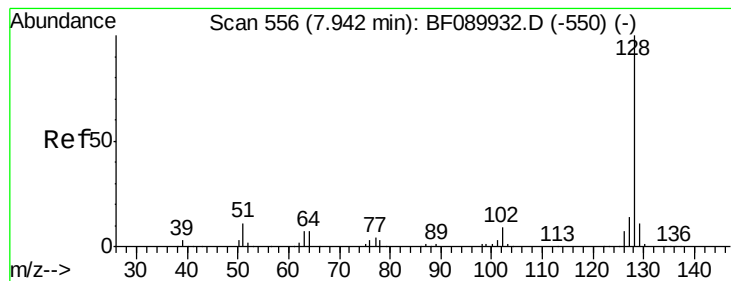


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.08 ng

RT: 7.95 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF089963.D

Acq: 1 Sep 2016 10:52

Instrument :

BNA_F

ClientSampleId :

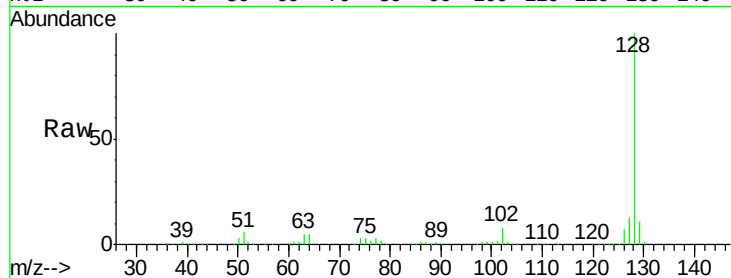
Tot Ion:128 Resp: 1618416

Ion Ratio Lower Upper

128 100

129 10.8 9.4 14.0

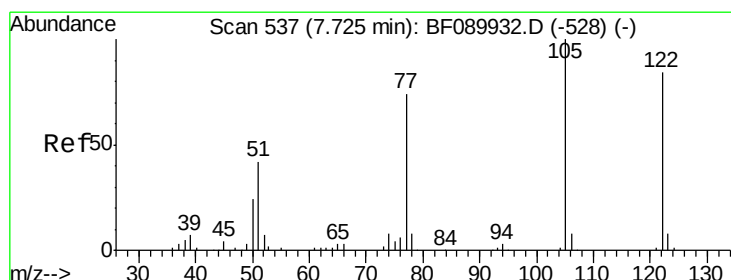
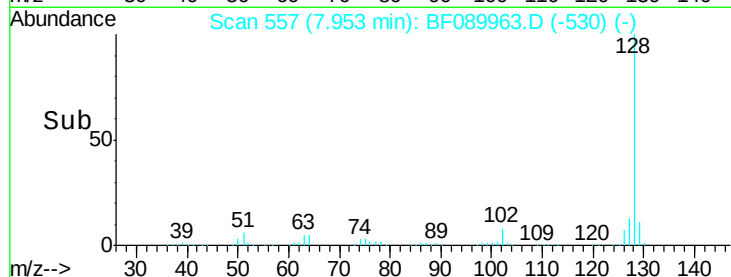
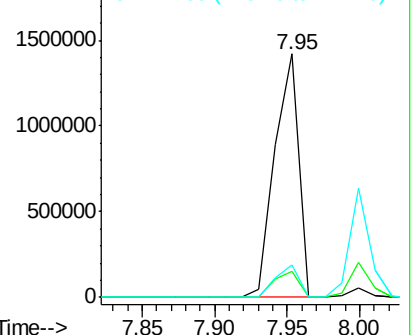
127 13.3 10.7 16.1



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: 43.17 ng

RT: 7.74 min Scan# 538

Delta R.T. 0.01 min

Lab File: BF089963.D

Acq: 1 Sep 2016 10:52

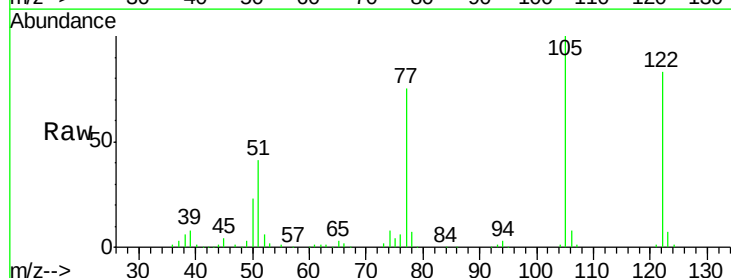
Tgt Ion:122 Resp: 402126

Ion Ratio Lower Upper

122 100

105 120.7 102.2 142.2

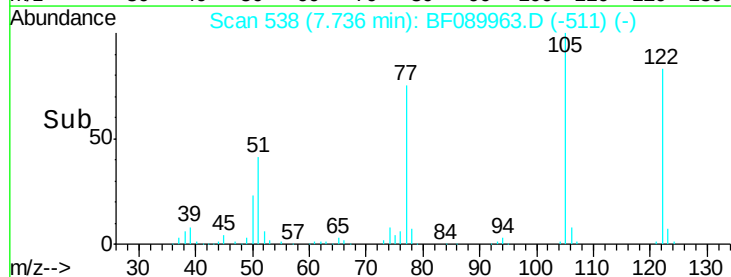
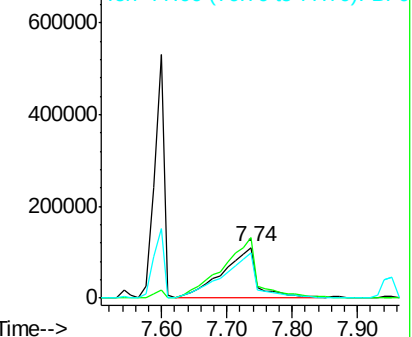
77 90.5 74.1 114.1

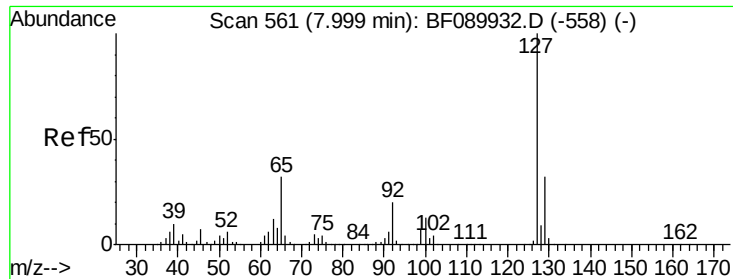


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

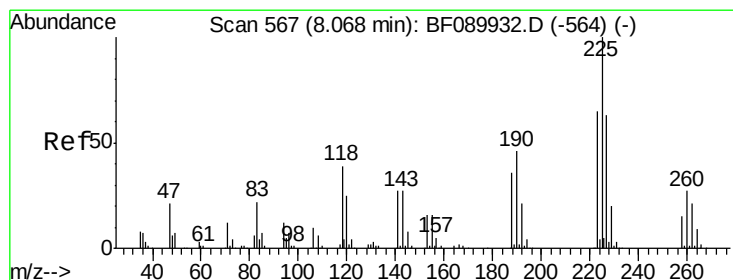
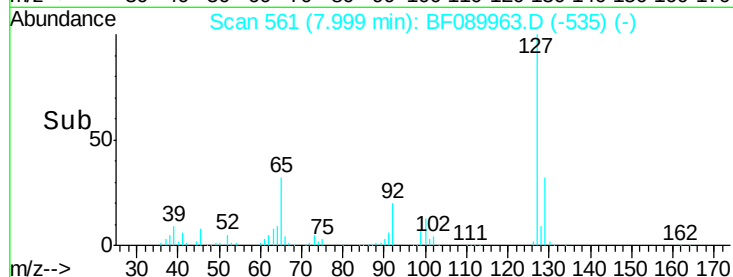
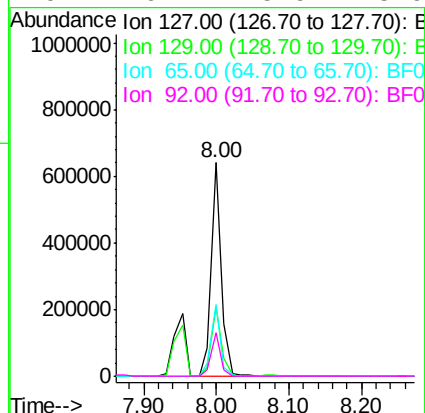
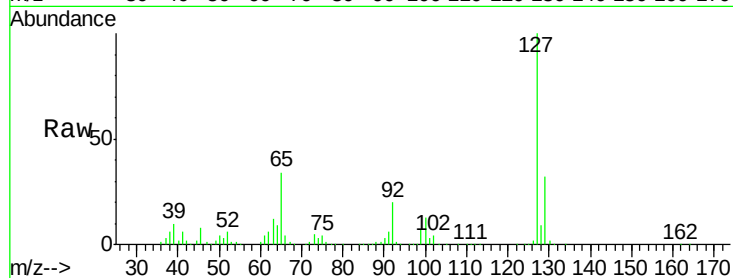




#33
4-Chloroaniline
Concen: 36.03 ng
RT: 8.00 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF089963.D
Acq: 1 Sep 2016 10:52

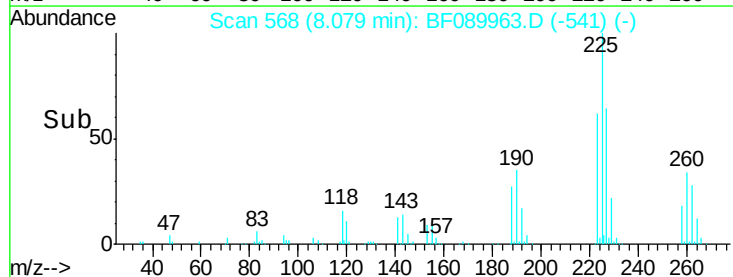
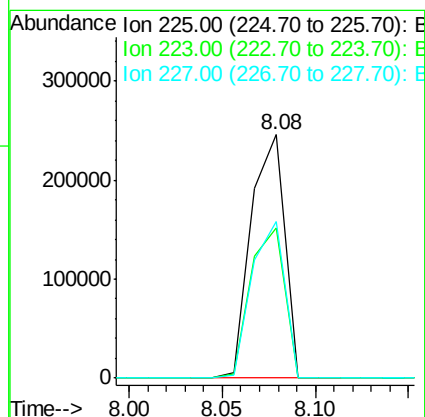
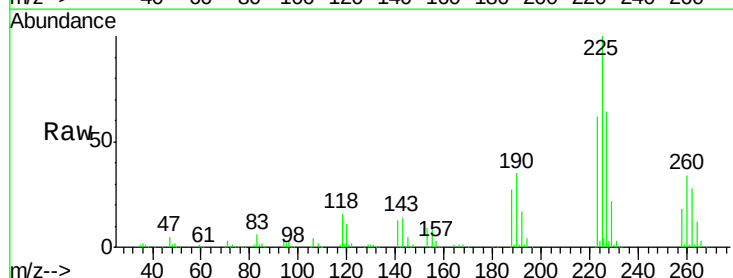
Instrument :
BNA_F
ClientSampled :

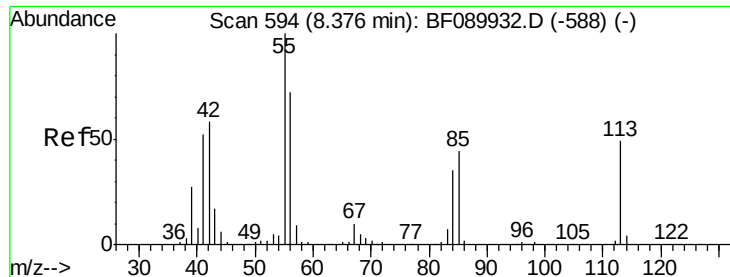
Tot Ion:127	Resp:	617797
Ion	Ratio	Lower Upper
127	100	
129	32.1	25.9 38.9
65	33.5	26.0 39.0
92	20.4	15.9 23.9



#34
Hexachlorobutadiene
Concen: 38.34 ng
RT: 8.08 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF089963.D
Acq: 1 Sep 2016 10:52

Tgt Ion:225	Resp:	304560
Ion	Ratio	Lower Upper
225	100	
223	61.7	52.6 78.8
227	64.2	50.8 76.2





#35

Caprolactam

Concen: 42.27 ng

RT: 8.39 min Scan# 595

Delta R.T. 0.01 min

Lab File: BF089963.D

Acq: 1 Sep 2016 10:52

Instrument :

BNA_F

ClientSampled :

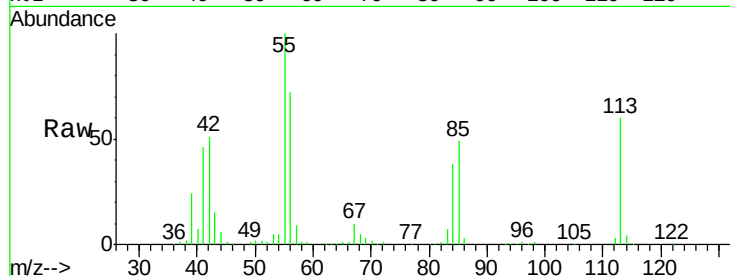
Tot Ion:113 Resp: 165426

Ion Ratio Lower Upper

113 100

55 167.7 178.5 218.5#

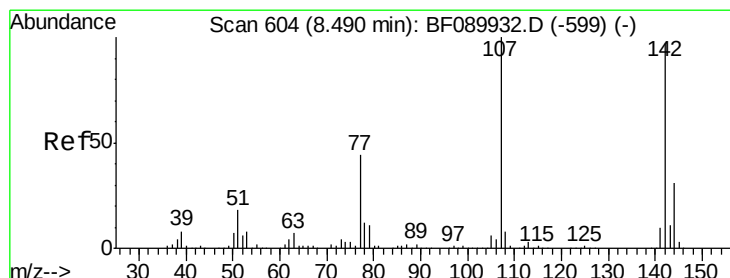
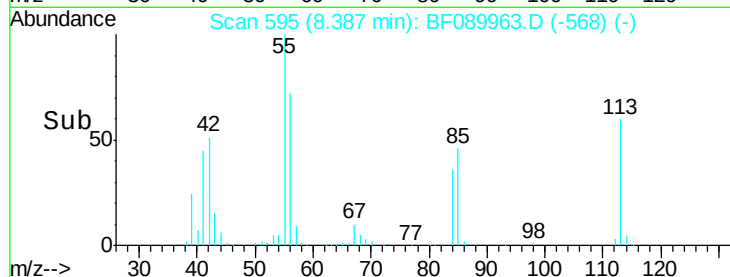
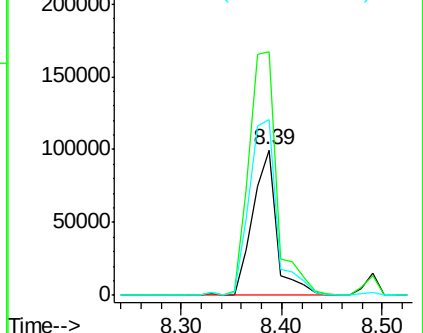
56 120.7 122.7 162.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 39.95 ng

RT: 8.49 min Scan# 604

Delta R.T. -0.00 min

Lab File: BF089963.D

Acq: 1 Sep 2016 10:52

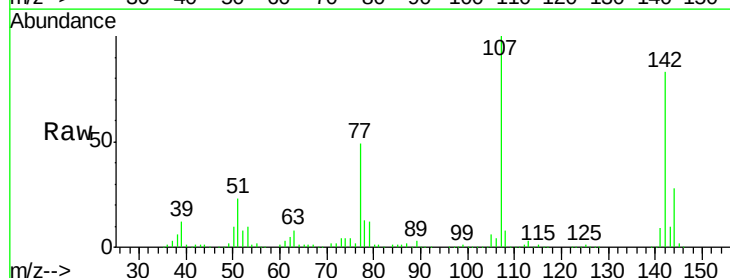
Tgt Ion:107 Resp: 524569

Ion Ratio Lower Upper

107 100

144 27.6 25.8 38.8

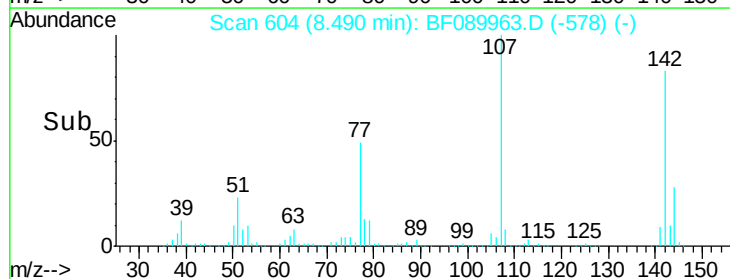
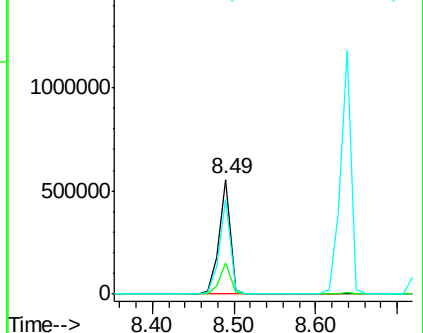
142 83.5 79.2 118.8

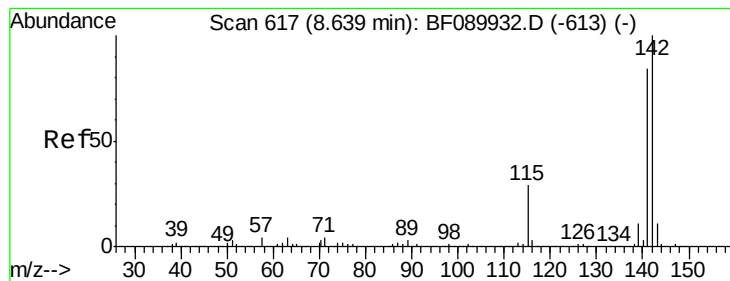


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.36 ng

RT: 8.64 min Scan# 617

Delta R.T. 0.00 min

Lab File: BF089963.D

Acq: 1 Sep 2016 10:52

Instrument :

BNA_F

ClientSampleId :

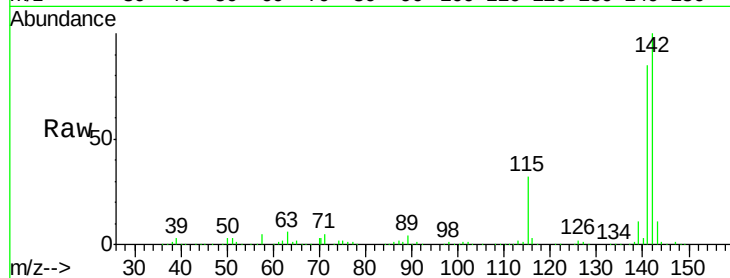
Tot Ion:142 Resp: 1105510

Ion Ratio Lower Upper

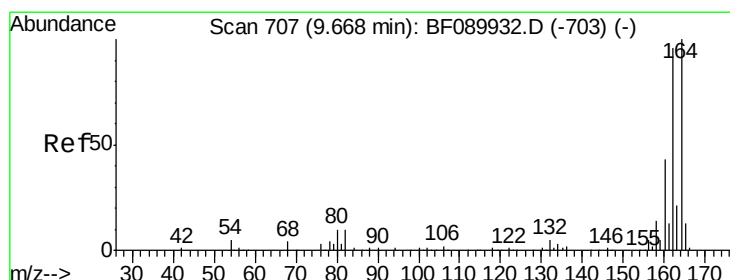
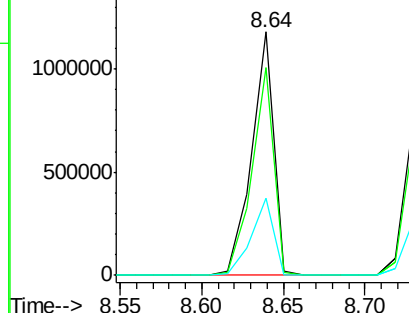
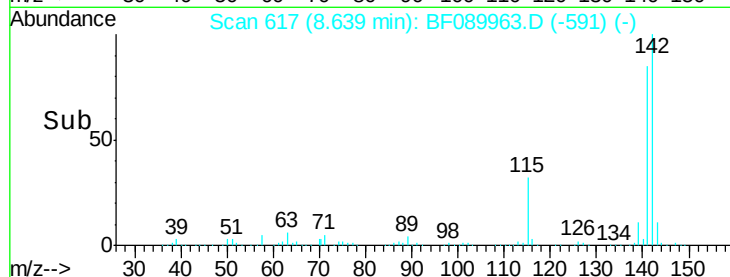
142 100

141 85.2 68.3 102.5

115 31.7 23.8 35.8



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.67 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF089963.D

Acq: 1 Sep 2016 10:52

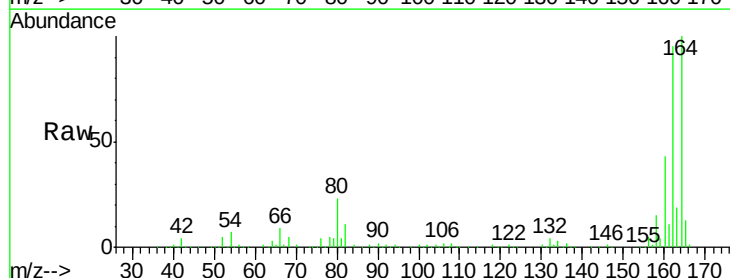
Tgt Ion:164 Resp: 426849

Ion Ratio Lower Upper

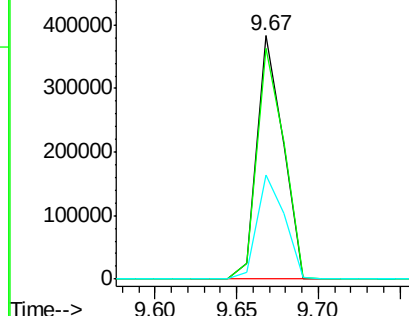
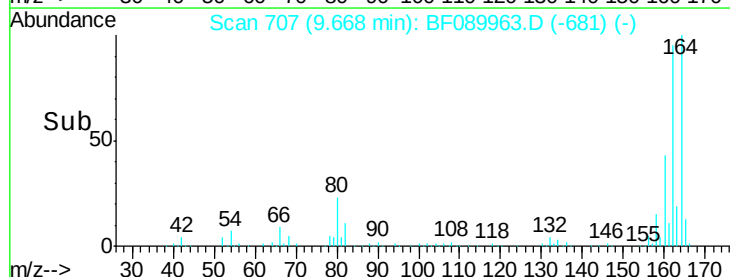
164 100

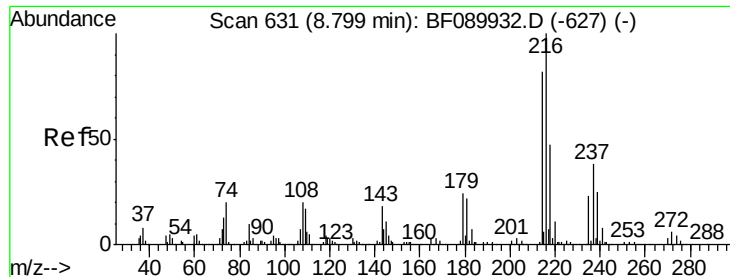
162 94.9 77.1 115.7

160 42.8 35.3 52.9



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.08 ng

RT: 8.81 min Scan# 632

Delta R.T. 0.01 min

Lab File: BF089963.D

Acq: 1 Sep 2016 10:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 476171

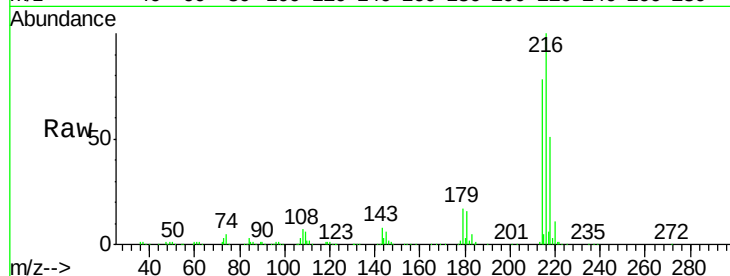
Ion Ratio Lower Upper

216 100

214 79.5 63.4 95.2

179 20.5 17.3 25.9

108 16.6 15.5 23.3

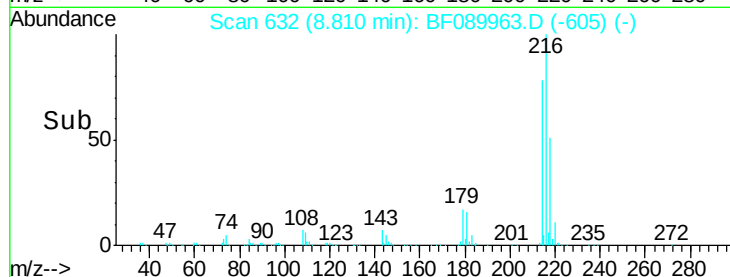


Abundance Ion 216.00 (215.70 to 216.70): E

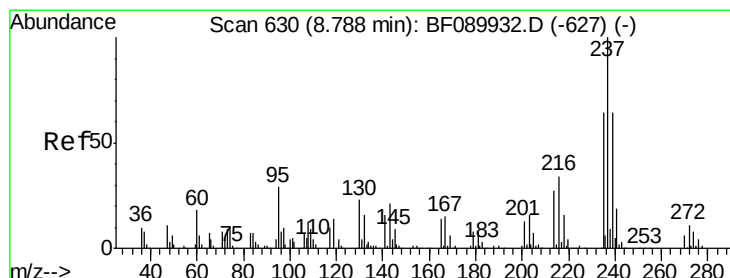
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 44.49 ng

RT: 8.80 min Scan# 631

Delta R.T. 0.00 min

Lab File: BF089963.D

Acq: 1 Sep 2016 10:52

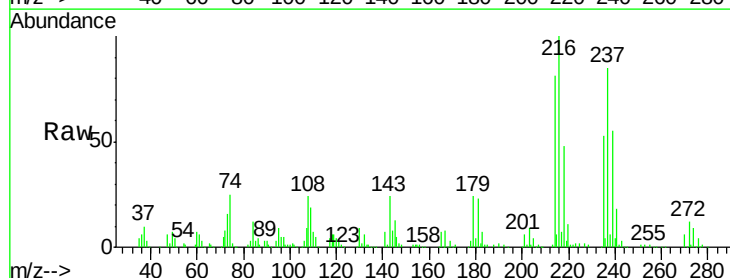
Tgt Ion:237 Resp: 285242

Ion Ratio Lower Upper

237 100

235 61.9 39.6 79.6

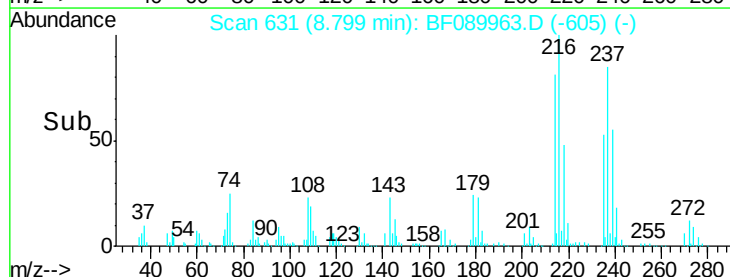
272 13.9 0.0 34.6



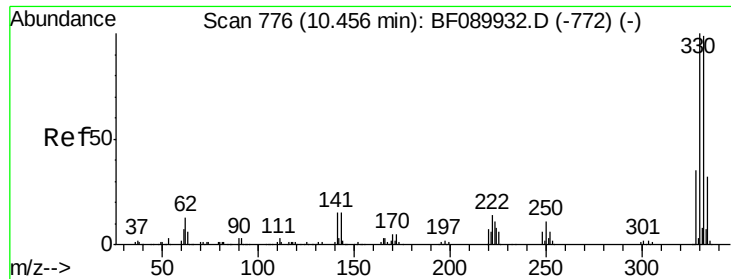
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



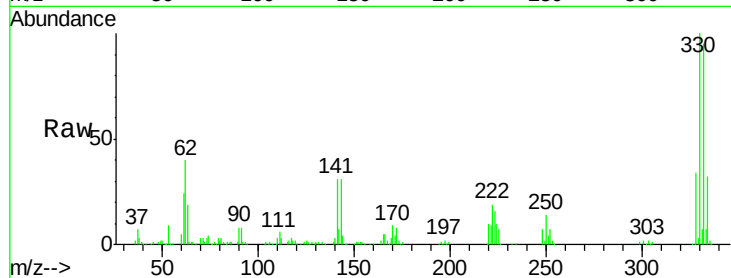
Time-->



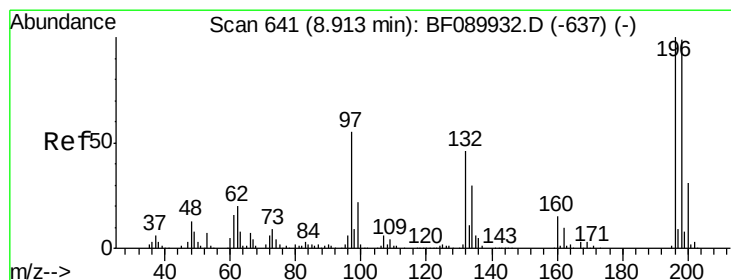
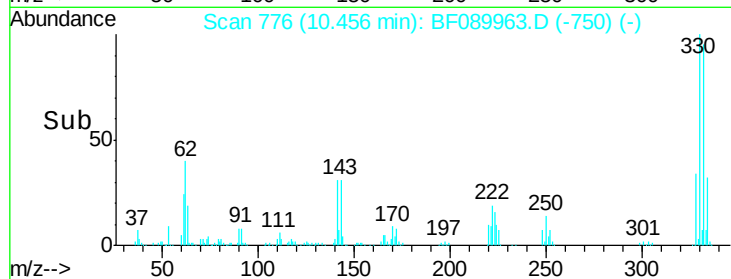
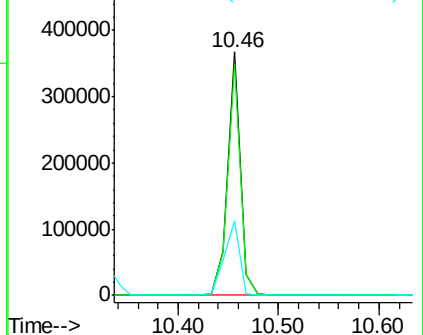
#41
 2,4,6-Tribromophenol
 Concen: 77.14 ng
 RT: 10.46 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF089963.D
 Acq: 1 Sep 2016 10:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	78.6	117.8
141	36.4	23.3	34.9

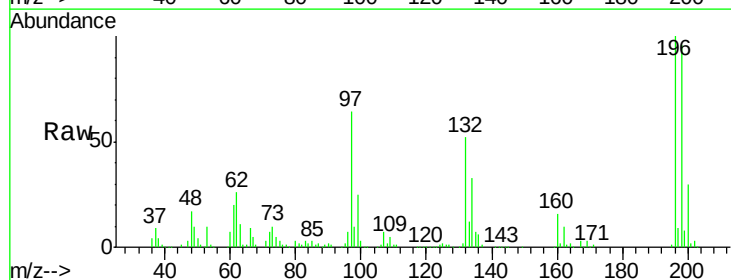


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

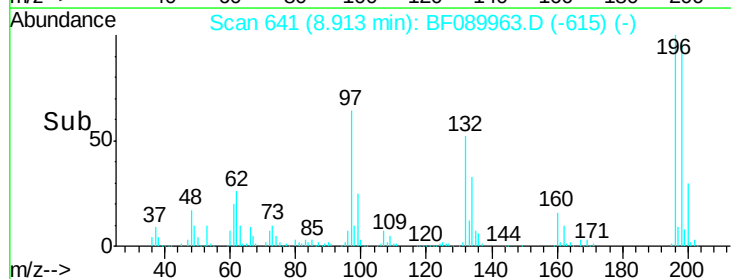
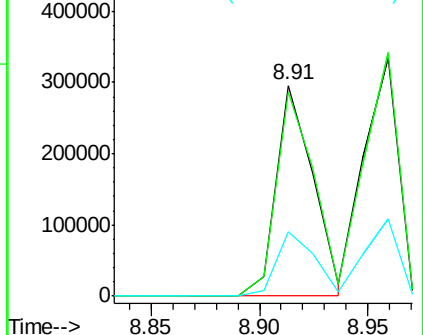


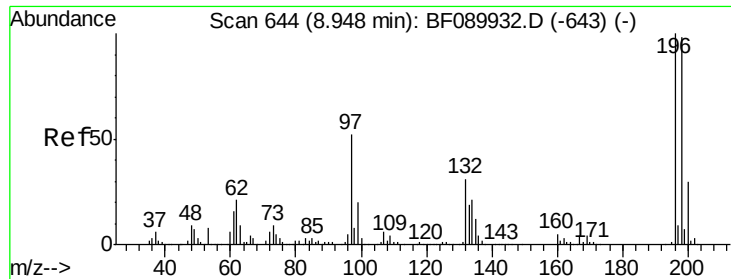
#42
 2,4,6-Trichlorophenol
 Concen: 40.65 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.00 min
 Lab File: BF089963.D
 Acq: 1 Sep 2016 10:52

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.5	78.3	117.5
200	30.4	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

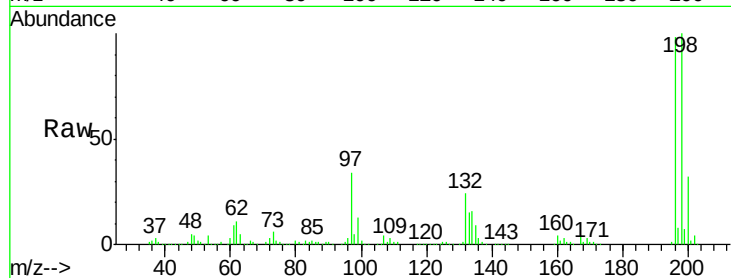




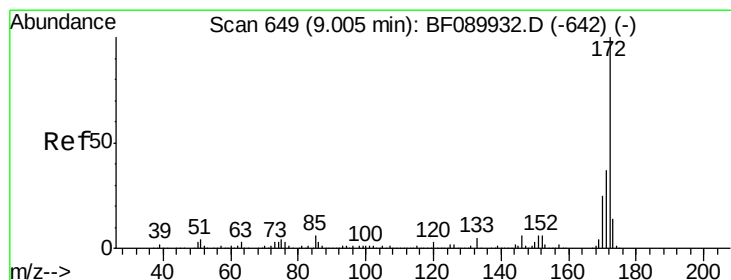
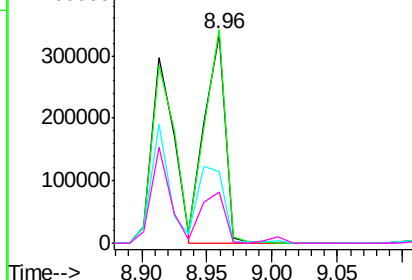
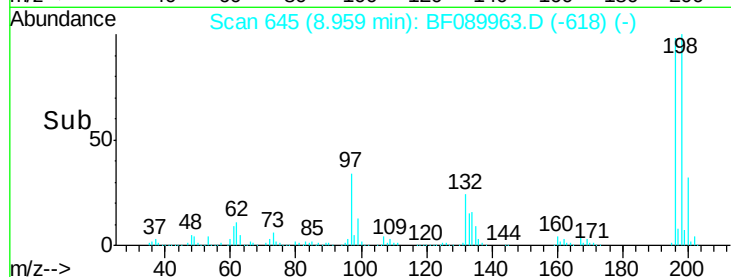
#43
 2,4,5-Trichlorophenol
 Concen: 44.43 ng
 RT: 8.96 min Scan# 645
 Delta R.T. 0.01 min
 Lab File: BF089963.D
 Acq: 1 Sep 2016 10:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 370244
 Ion Ratio Lower Upper
 196 100
 198 102.0 80.8 121.2
 97 34.4 44.2 66.4#
 132 24.2 25.8 38.6#

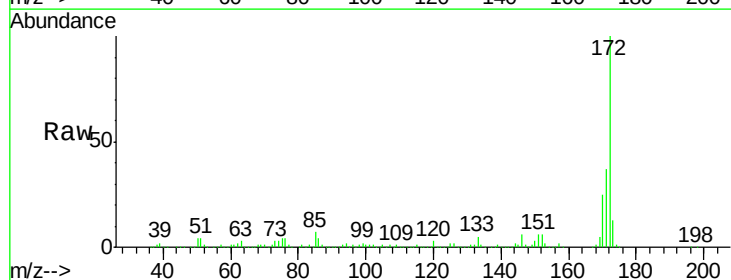


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

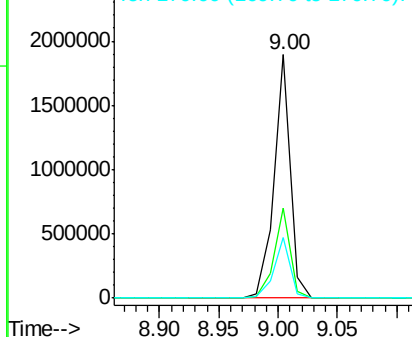
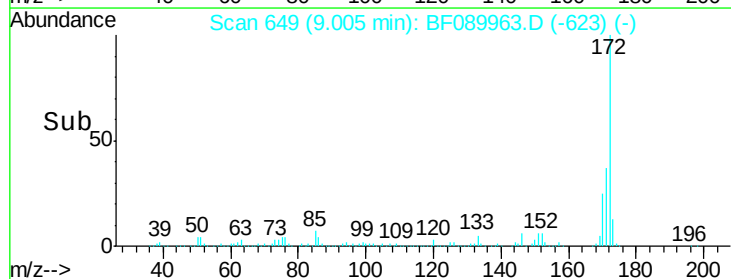


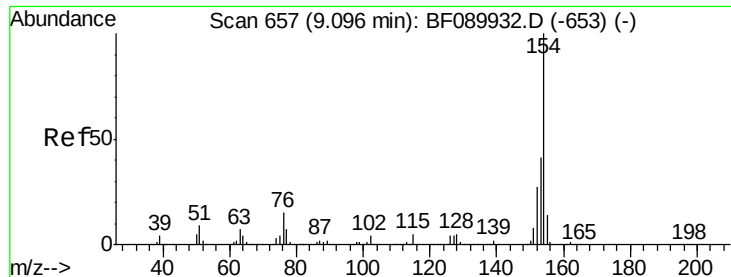
#44
 2-Fluorobiphenyl
 Concen: 69.23 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF089963.D
 Acq: 1 Sep 2016 10:52

Tgt Ion:172 Resp: 1800200
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.2
 170 24.7 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: 40.80 ng

RT: 9.11 min Scan# 658

Delta R.T. 0.01 min

Lab File: BF089963.D

Acq: 1 Sep 2016 10:52

Instrument :

BNA_F

ClientSampleId :

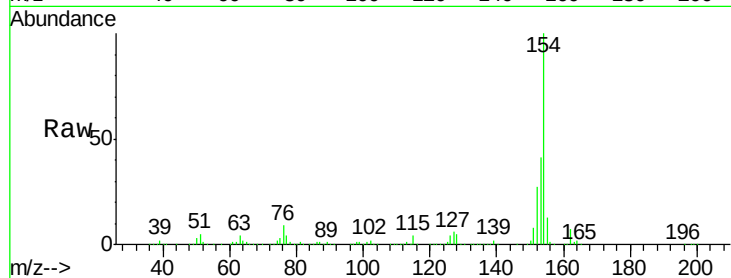
Tot Ion:154 Resp: 1402370

Ion Ratio Lower Upper

154 100

153 40.8 20.6 60.6

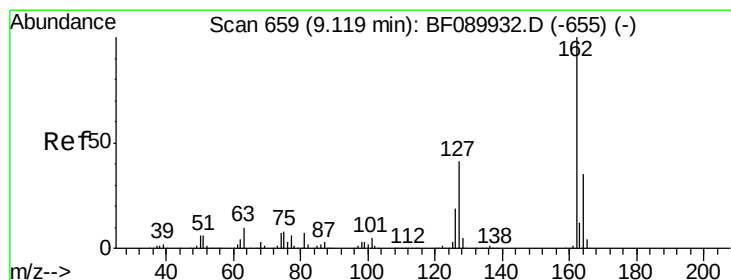
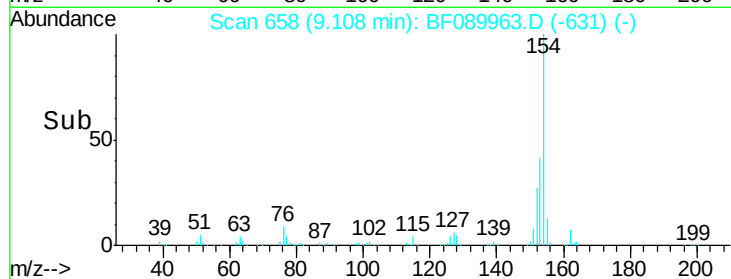
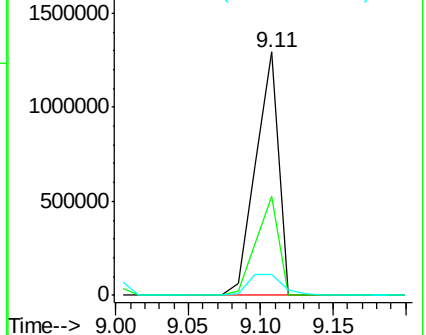
76 8.8 0.0 34.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 38.23 ng

RT: 9.12 min Scan# 659

Delta R.T. -0.00 min

Lab File: BF089963.D

Acq: 1 Sep 2016 10:52

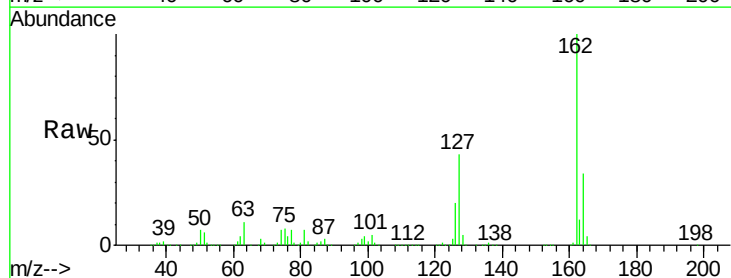
Tgt Ion:162 Resp: 929327

Ion Ratio Lower Upper

162 100

127 42.8 33.5 50.3

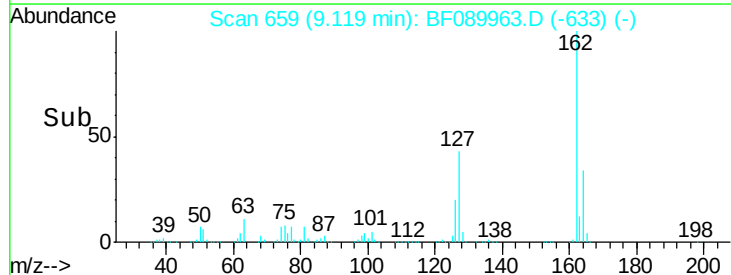
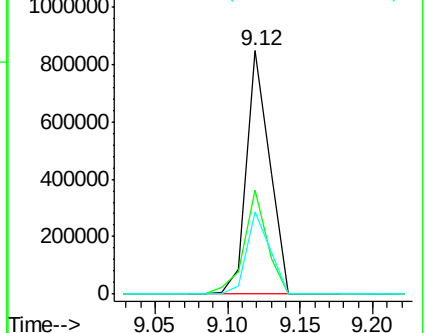
164 33.7 28.2 42.4

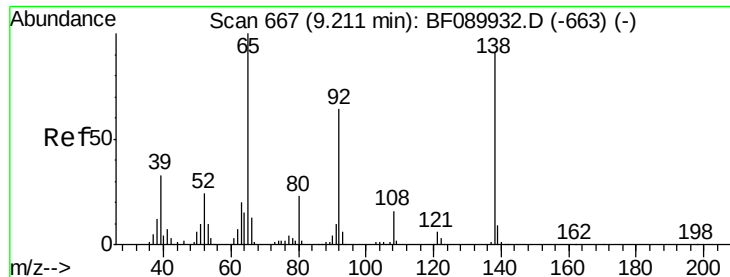


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 45.25 ng

RT: 9.22 min Scan# 668

Delta R.T. 0.01 min

Lab File: BF089963.D

Acq: 1 Sep 2016 10:52

Instrument :

BNA_F

ClientSampled :

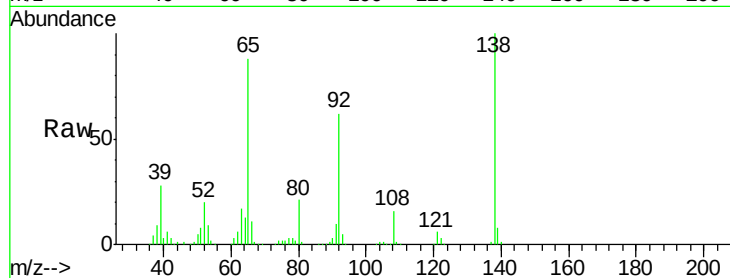
Tot Ion: 65 Resp: 359604

Ion Ratio Lower Upper

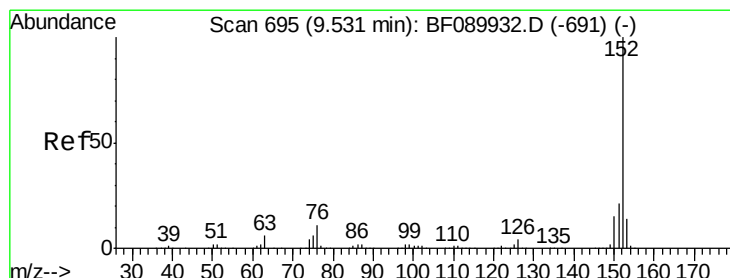
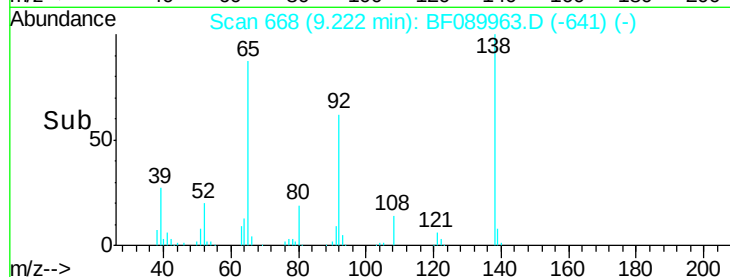
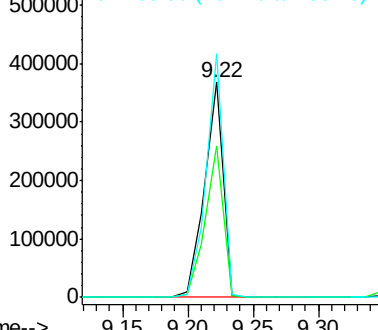
65 100

92 70.7 52.0 78.0

138 113.3 72.1 108.1#



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



#48

Acenaphthylene

Concen: 37.06 ng

RT: 9.53 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF089963.D

Acq: 1 Sep 2016 10:52

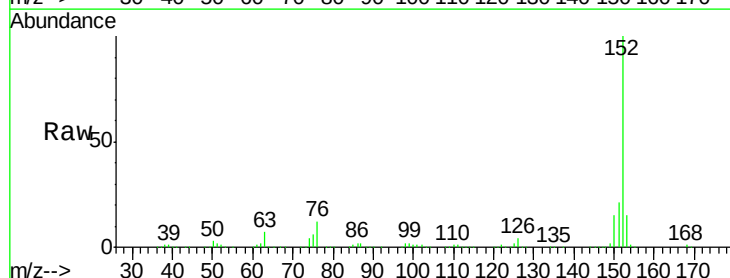
Tgt Ion:152 Resp: 1489891

Ion Ratio Lower Upper

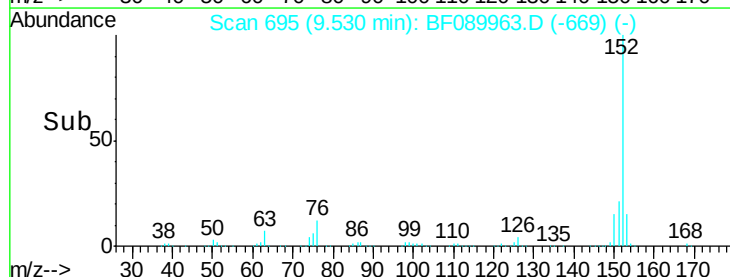
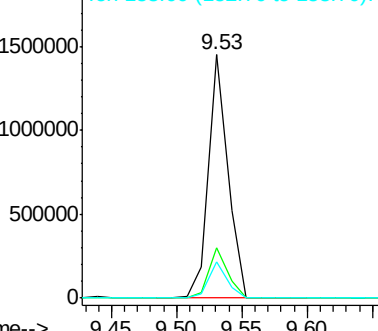
152 100

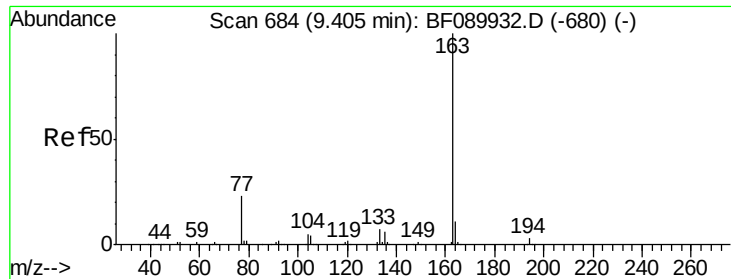
151 20.9 16.7 25.1

153 14.7 11.6 17.4



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

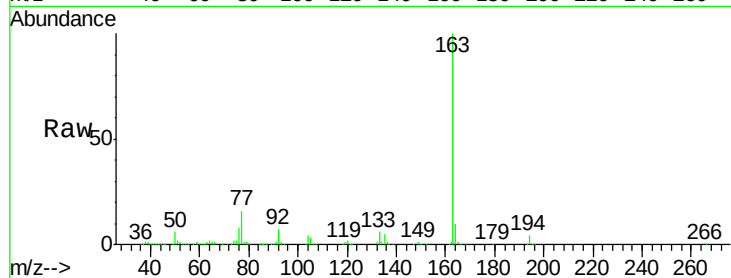




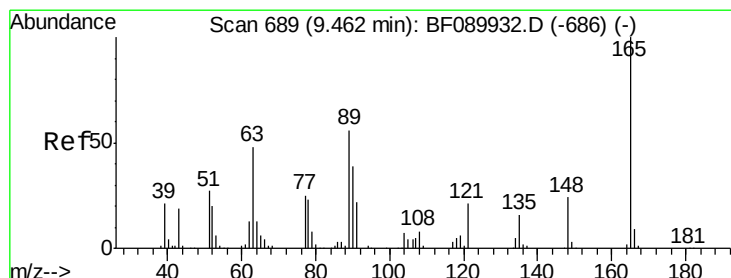
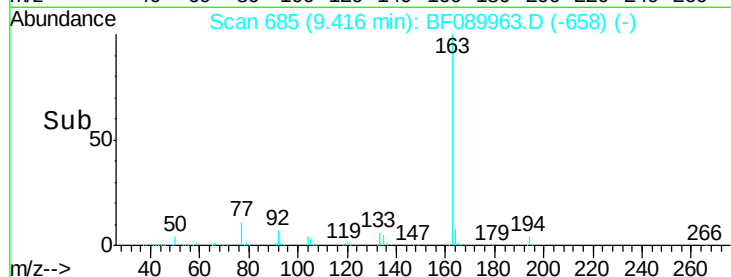
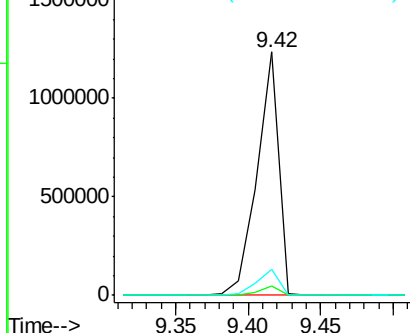
#49
Dimethylphthalate
Concen: 41.35 ng
RT: 9.42 min Scan# 685
Delta R.T. 0.01 min
Lab File: BF089963.D
Acq: 1 Sep 2016 10:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1275641
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.5 9.0 13.4

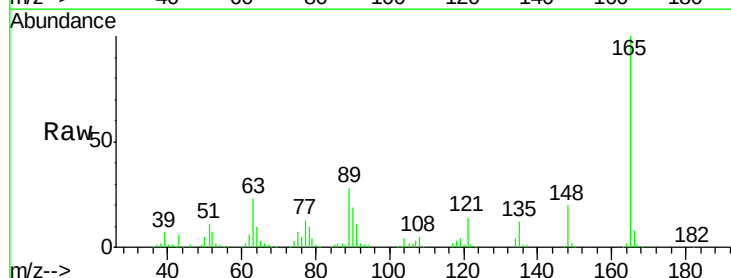


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

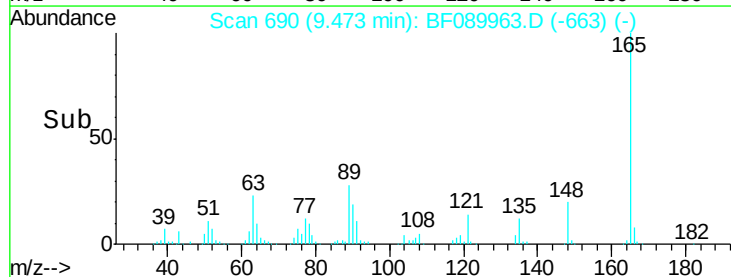
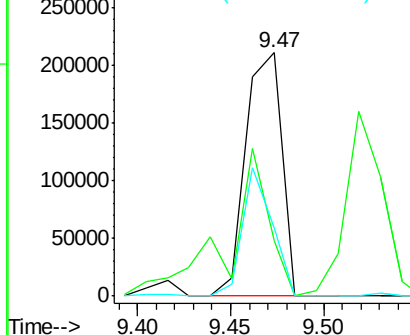


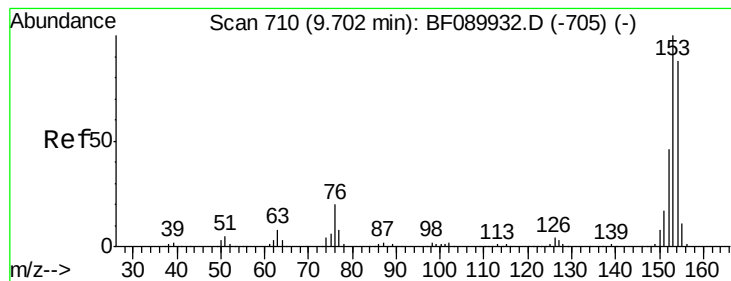
#50
2,6-Dinitrotoluene
Concen: 41.72 ng
RT: 9.47 min Scan# 690
Delta R.T. 0.01 min
Lab File: BF089963.D
Acq: 1 Sep 2016 10:52

Tgt Ion:165 Resp: 286258
Ion Ratio Lower Upper
165 100
63 22.7 45.0 67.4#
89 27.9 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: 38.77 ng

RT: 9.70 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF089963.D

Acq: 1 Sep 2016 10:52

Instrument :

BNA_F

ClientSampleId :

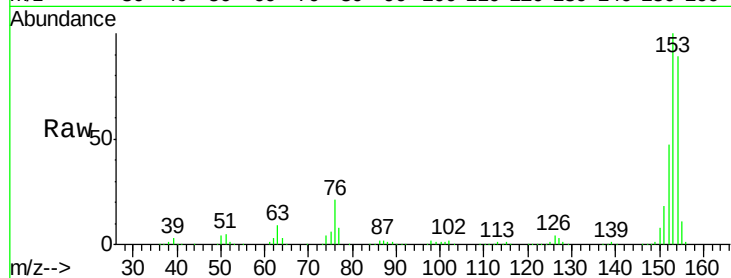
Tot Ion:154 Resp: 987311

Ion Ratio Lower Upper

154 100

153 112.1 90.6 135.8

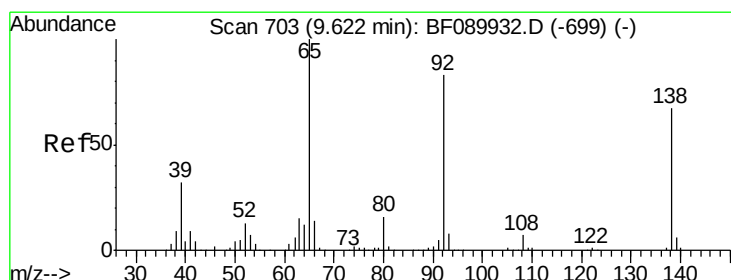
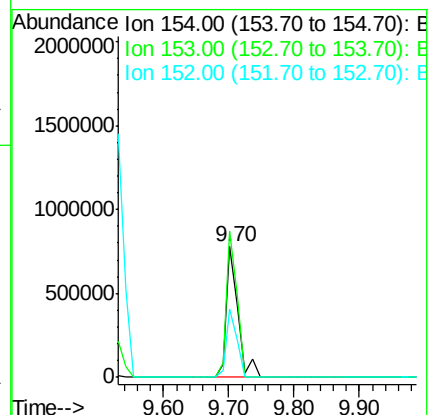
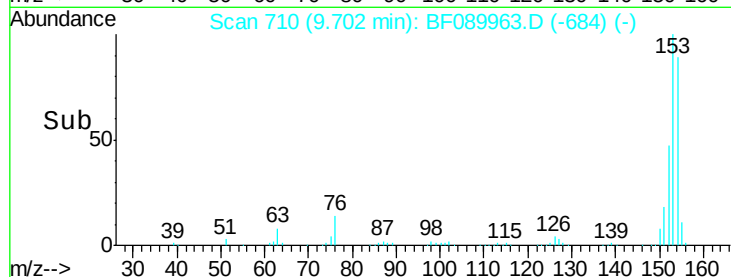
152 52.6 42.4 63.6



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: 43.87 ng

RT: 9.63 min Scan# 704

Delta R.T. 0.01 min

Lab File: BF089963.D

Acq: 1 Sep 2016 10:52

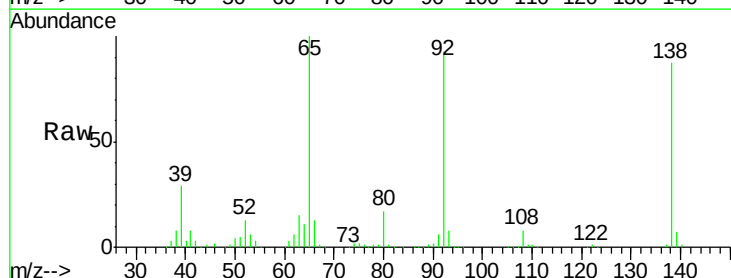
Tgt Ion:138 Resp: 343352

Ion Ratio Lower Upper

138 100

108 9.5 8.3 12.5

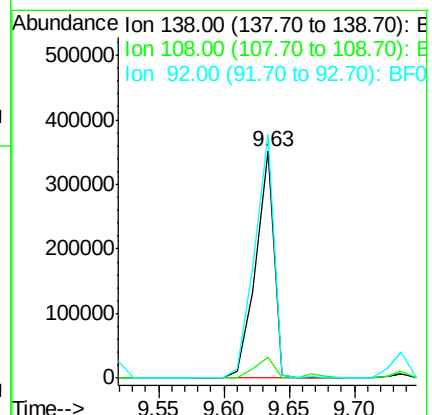
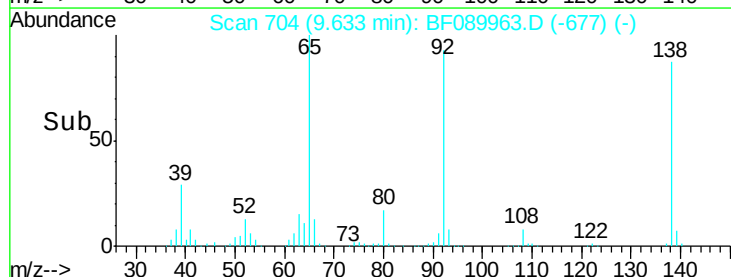
92 107.6 99.1 148.7

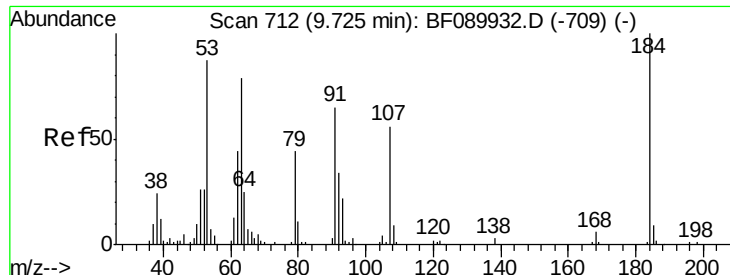


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

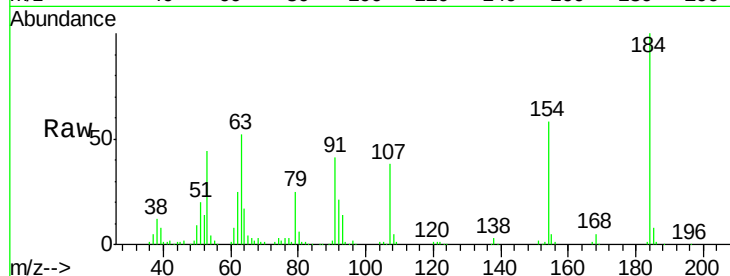




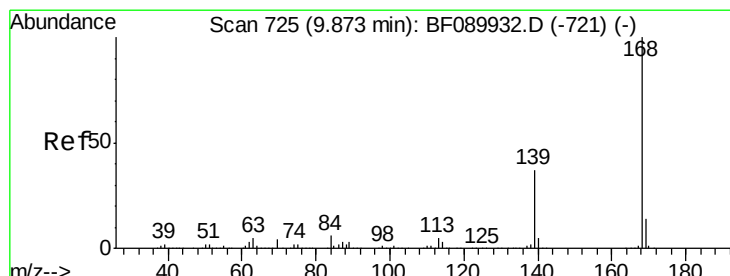
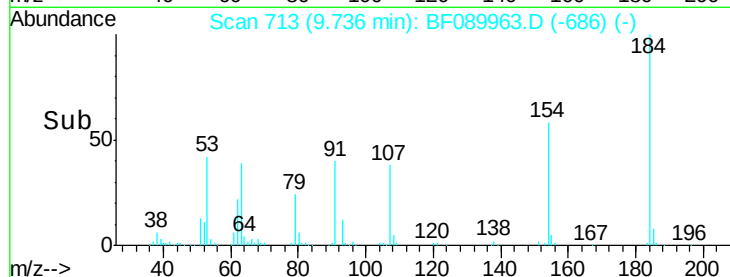
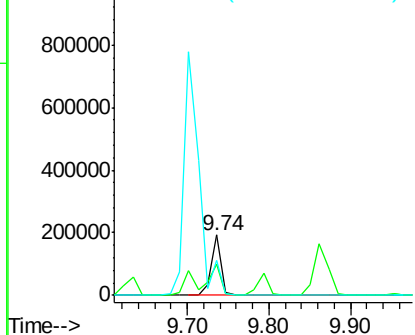
#53
2,4-Dinitrophenol
Concen: 46.14 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.01 min
Lab File: BF089963.D
Acq: 1 Sep 2016 10:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 166696
Ion Ratio Lower Upper
184 100
63 51.8 73.9 110.9#
154 58.3 53.5 80.3

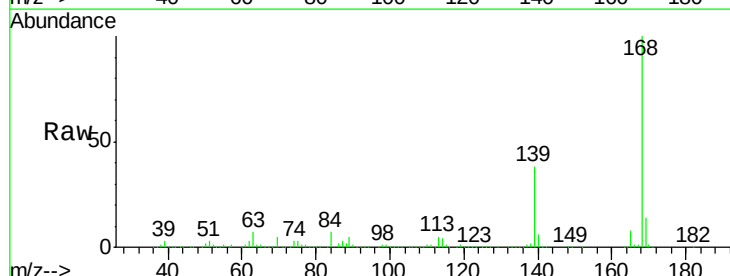


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

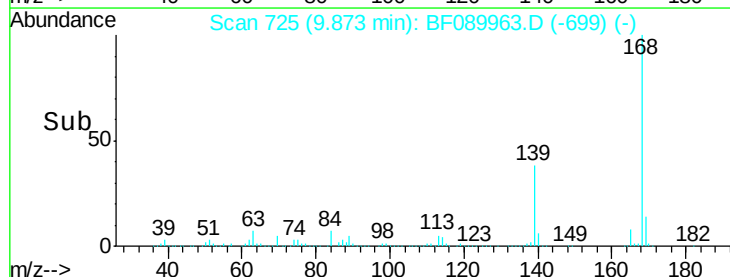
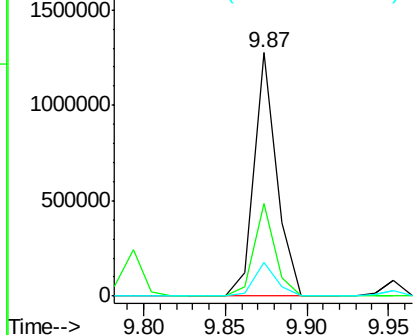


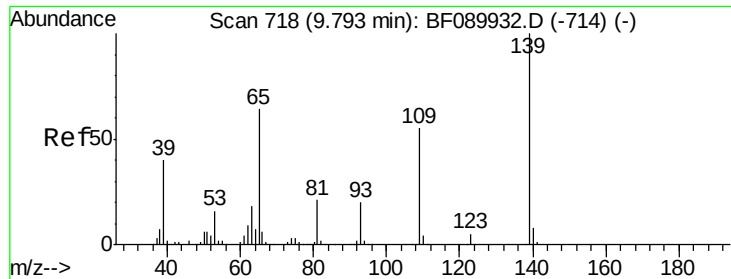
#54
Dibenzofuran
Concen: 35.92 ng
RT: 9.87 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF089963.D
Acq: 1 Sep 2016 10:52

Tgt Ion:168 Resp: 1226026
Ion Ratio Lower Upper
168 100
139 38.1 29.5 44.3
169 13.8 10.8 16.2



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

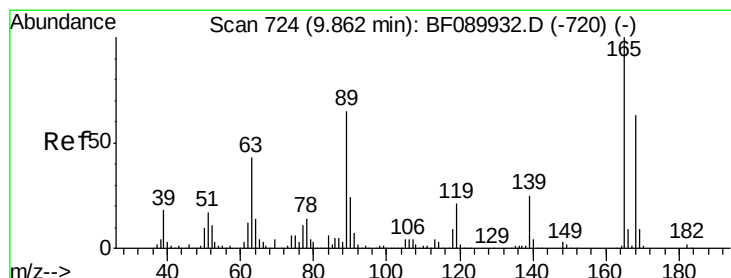
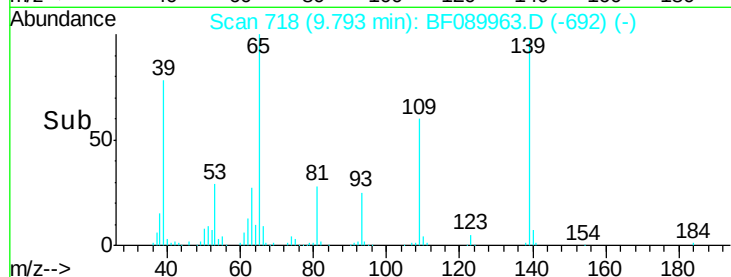
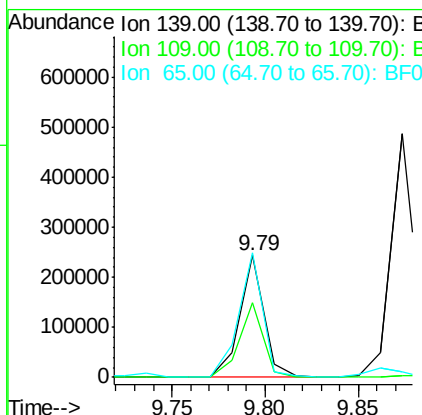
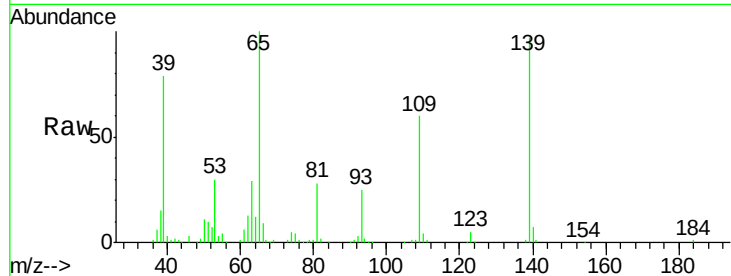




#55
4-Nitrophenol
Concen: 37.85 ng
RT: 9.79 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF089963.D
Acq: 1 Sep 2016 10:52

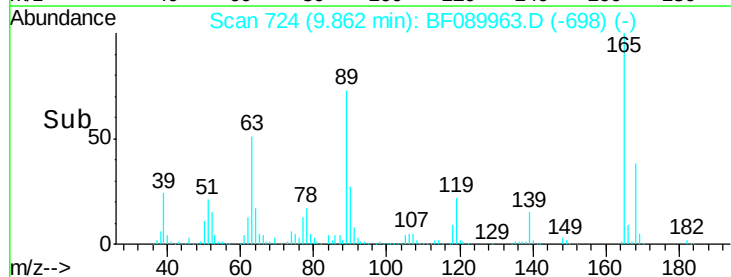
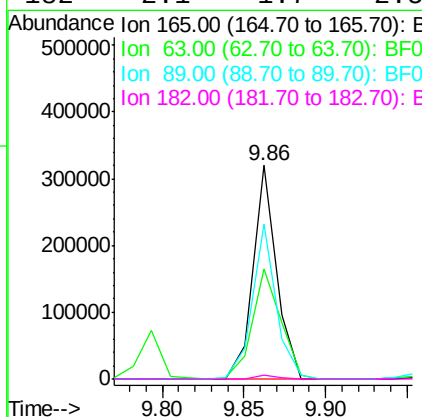
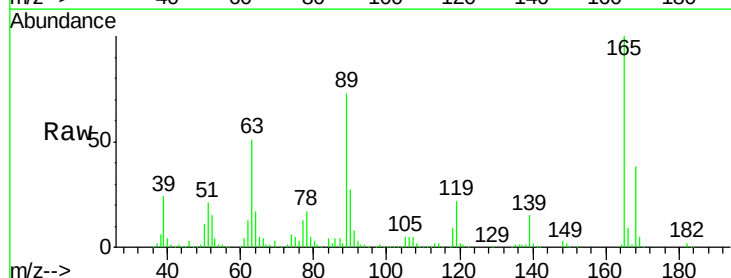
Instrument :
BNA_F
ClientSampled :

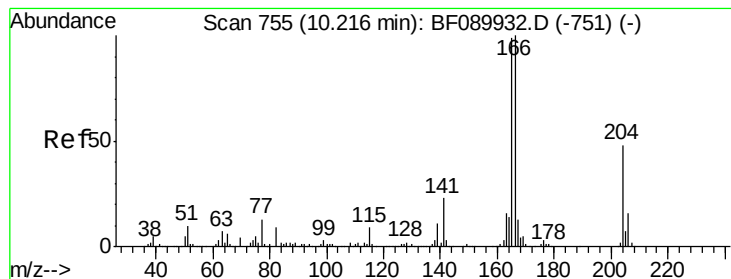
Tot Ion:139 Resp: 223401
Ion Ratio Lower Upper
139 100
109 61.9 31.3 71.3
65 102.7 38.5 78.5#



#56
2,4-Dinitrotoluene
Concen: 36.82 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF089963.D
Acq: 1 Sep 2016 10:52

Tgt Ion:165 Resp: 320380
Ion Ratio Lower Upper
165 100
63 51.4 32.5 48.7#
89 72.7 48.3 72.5#
182 2.1 1.7 2.5





#57

Fluorene

Concen: 38.01 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF089963.D

Acq: 1 Sep 2016 10:52

Instrument :

BNA_F

ClientSampleId :

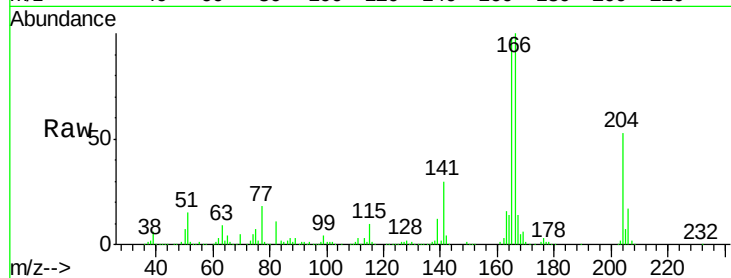
Tot Ion:166 Resp: 947881

Ion Ratio Lower Upper

166 100

165 97.8 78.6 118.0

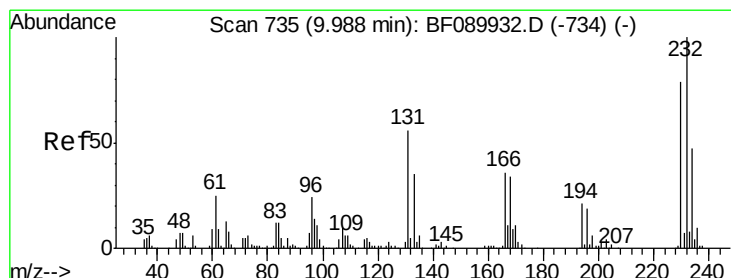
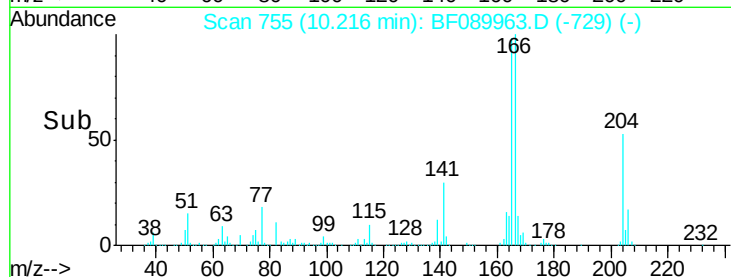
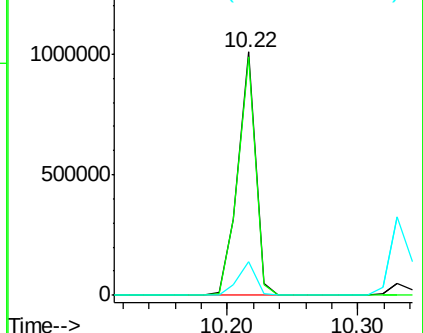
167 13.8 10.6 15.8



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: 42.64 ng

RT: 10.00 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF089963.D

Acq: 1 Sep 2016 10:52

Tgt Ion:232 Resp: 304205

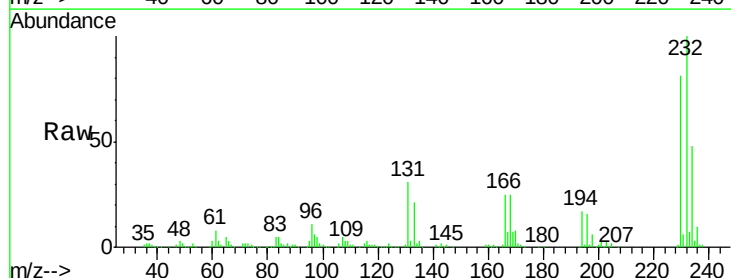
Ion Ratio Lower Upper

232 100

131 40.3 36.3 54.5

130 1.8 1.7 2.5

166 29.3 24.4 36.6

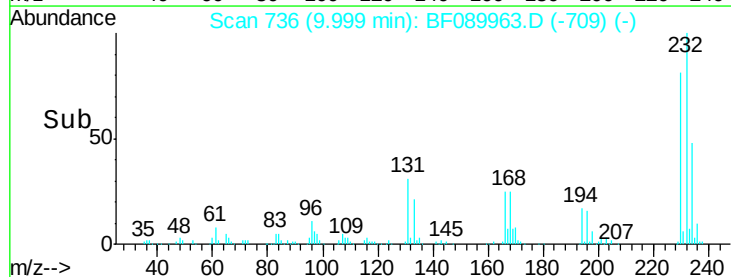
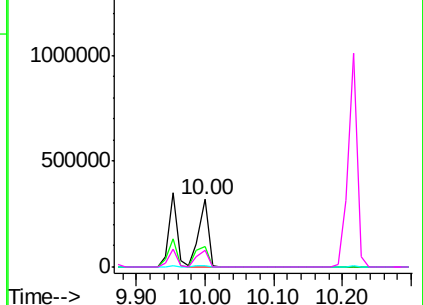


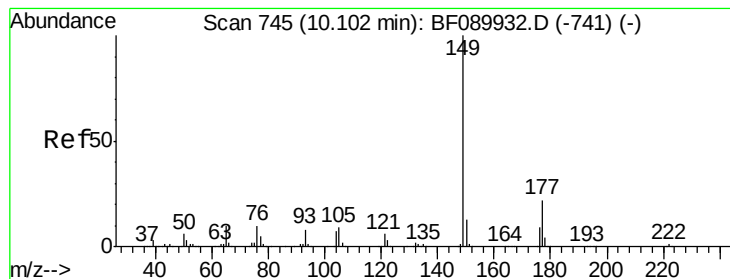
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 38.99 ng

RT: 10.10 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF089963.D

Acq: 1 Sep 2016 10:52

Instrument :

BNA_F

ClientSampled :

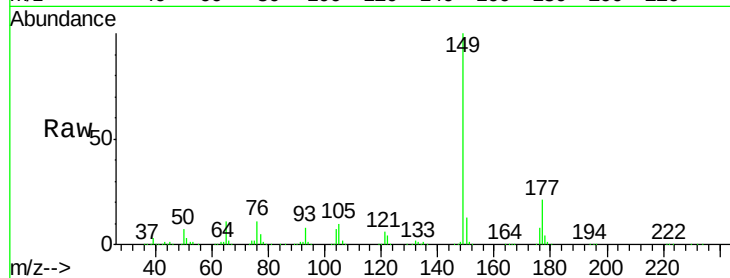
Tot Ion:149 Resp: 1131780

Ion Ratio Lower Upper

149 100

177 21.0 17.7 26.5

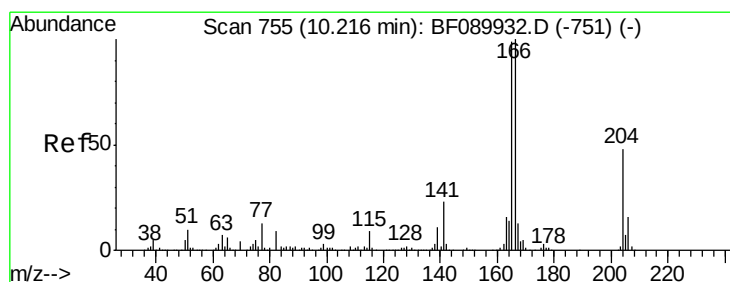
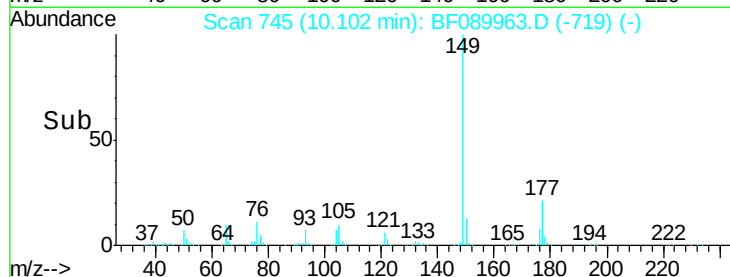
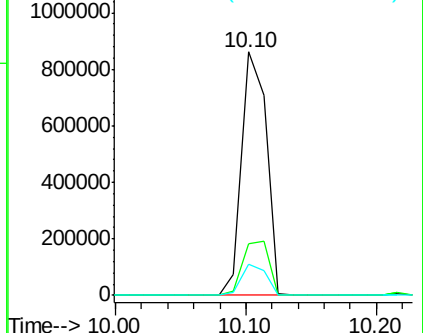
150 12.6 10.2 15.2



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: 40.25 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF089963.D

Acq: 1 Sep 2016 10:52

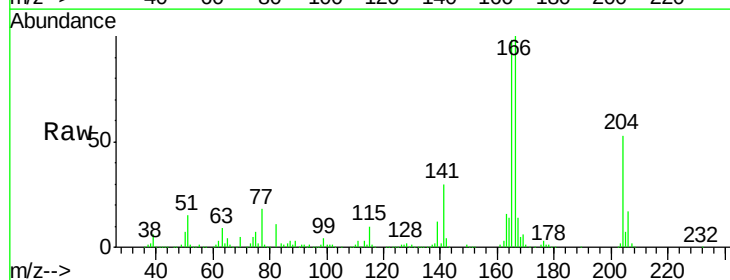
Tgt Ion:204 Resp: 472388

Ion Ratio Lower Upper

204 100

206 33.1 26.6 40.0

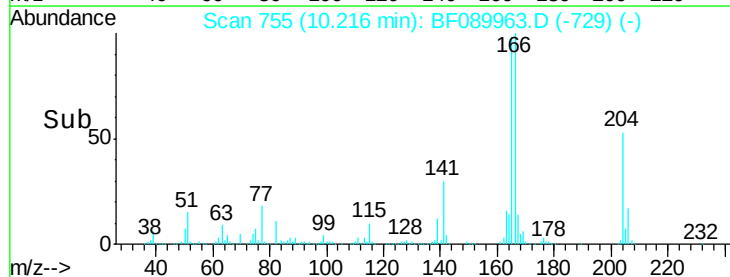
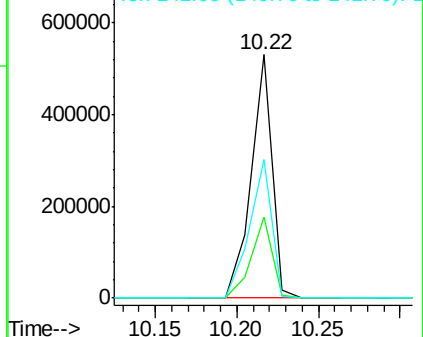
141 56.9 36.5 54.7#

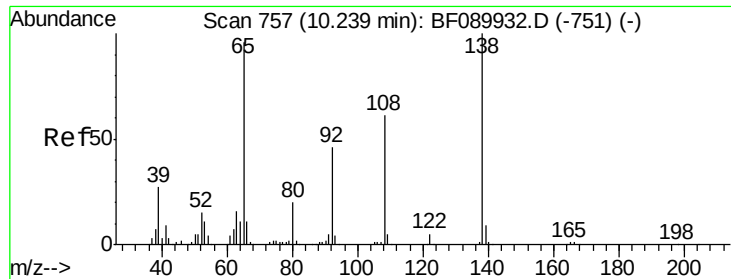


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

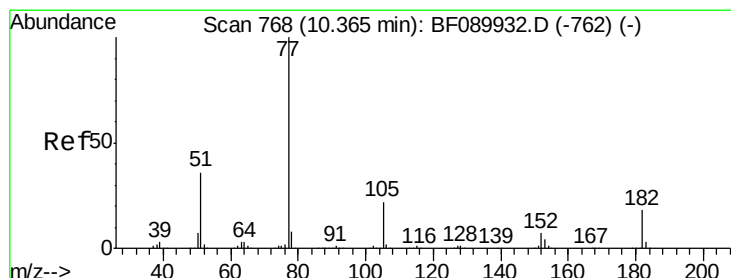
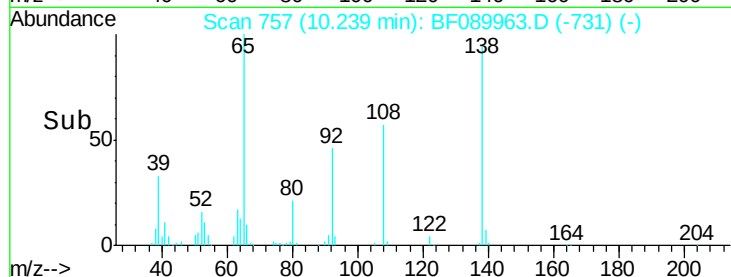
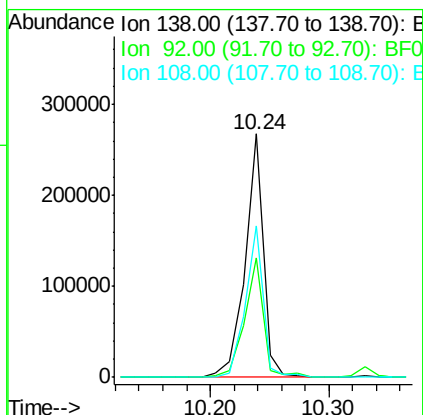
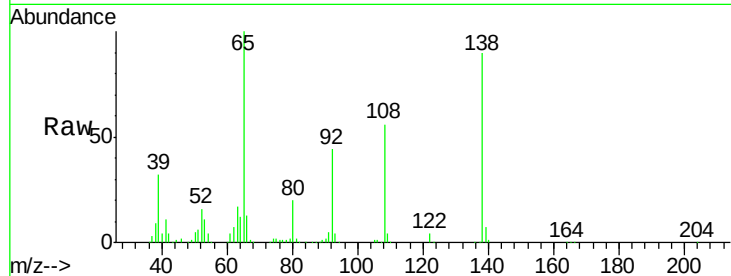




#61
4-Nitroaniline
Concen: 37.81 ng
RT: 10.24 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF089963.D
Acq: 1 Sep 2016 10:52

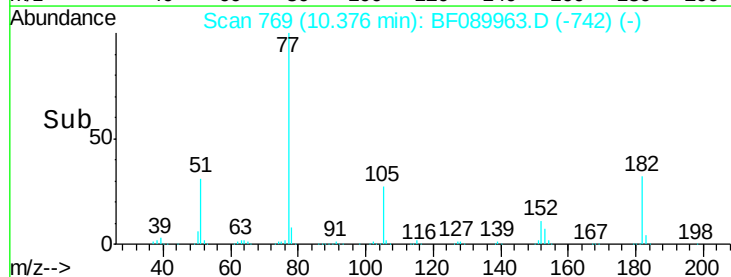
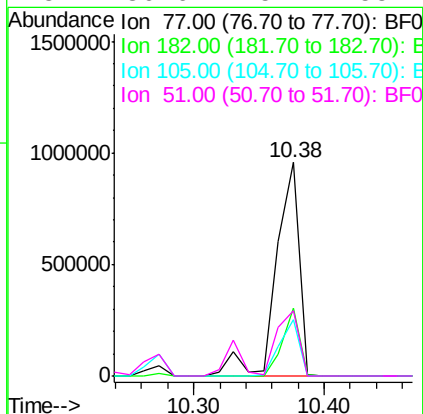
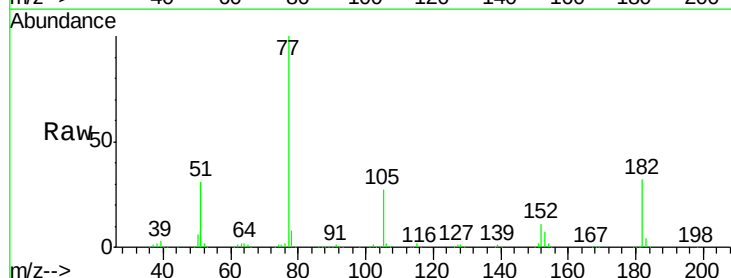
Instrument :
BNA_F
ClientSampleId :

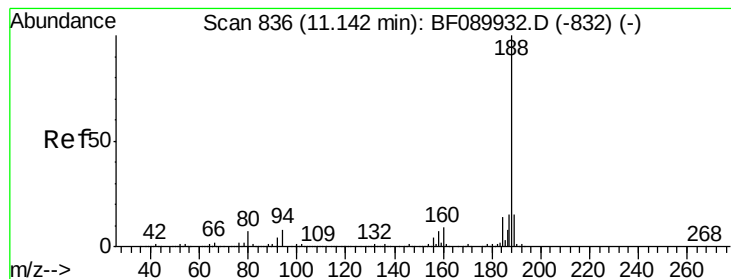
Tot Ion:138 Resp: 290721
Ion Ratio Lower Upper
138 100
92 49.1 21.2 61.2
108 62.0 37.7 77.7



#62
Azobenzene
Concen: 40.91 ng
RT: 10.38 min Scan# 769
Delta R.T. 0.01 min
Lab File: BF089963.D
Acq: 1 Sep 2016 10:52

Tgt Ion: 77 Resp: 1186116
Ion Ratio Lower Upper
77 100
182 32.0 0.0 38.6
105 26.6 2.3 42.3
51 30.6 15.1 55.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.14 min Scan# 836

Delta R.T. 0.00 min

Lab File: BF089963.D

Acq: 1 Sep 2016 10:52

Instrument :

BNA_F

ClientSampleId :

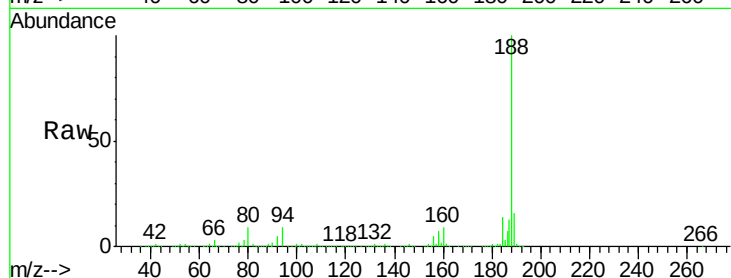
Tot Ion:188 Resp: 830507

Ion Ratio Lower Upper

188 100

94 9.3 5.9 8.9#

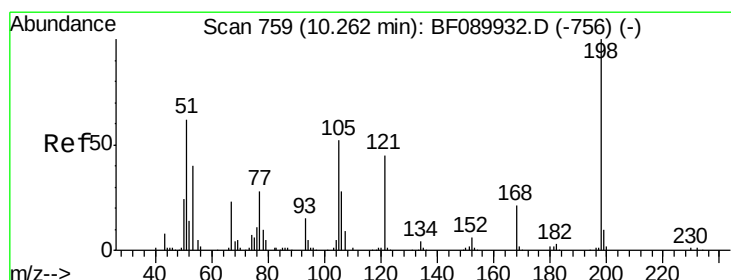
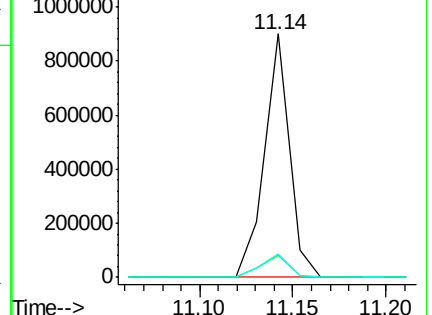
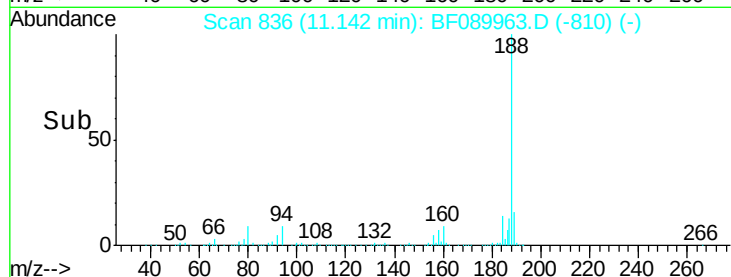
80 9.4 5.8 8.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 46.50 ng

RT: 10.27 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF089963.D

Acq: 1 Sep 2016 10:52

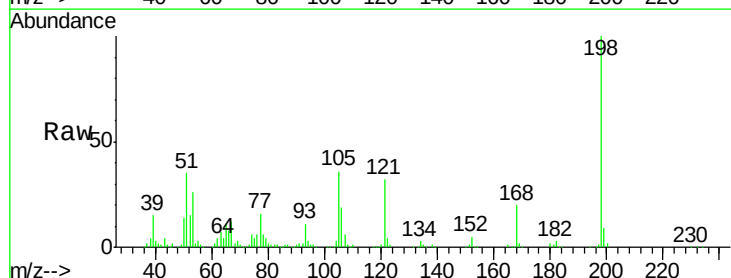
Tgt Ion:198 Resp: 247239

Ion Ratio Lower Upper

198 100

51 34.8 43.0 83.0#

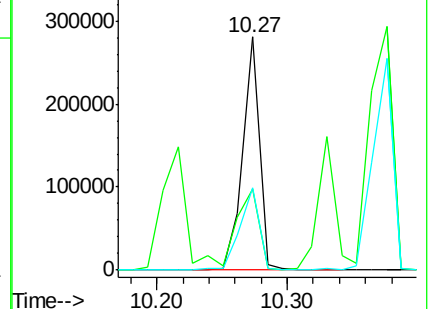
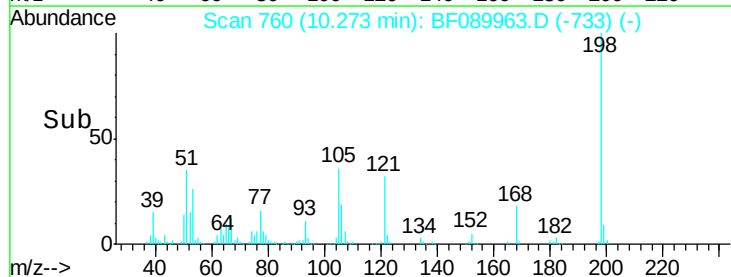
105 35.6 30.3 70.3

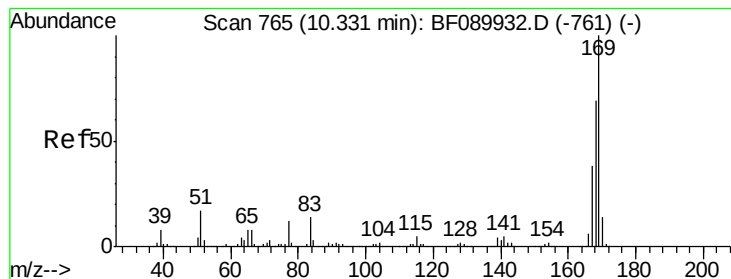


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

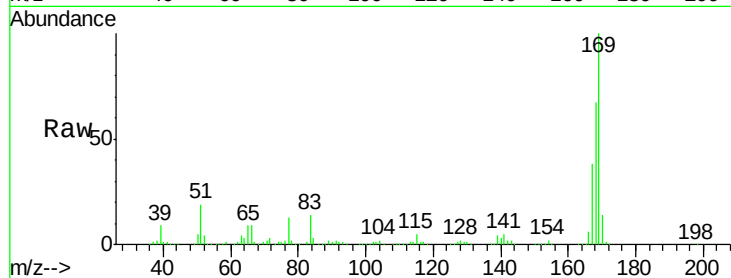




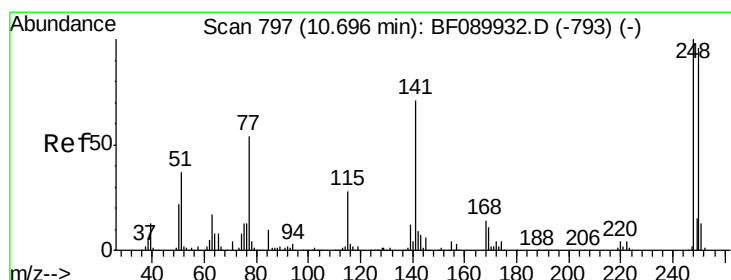
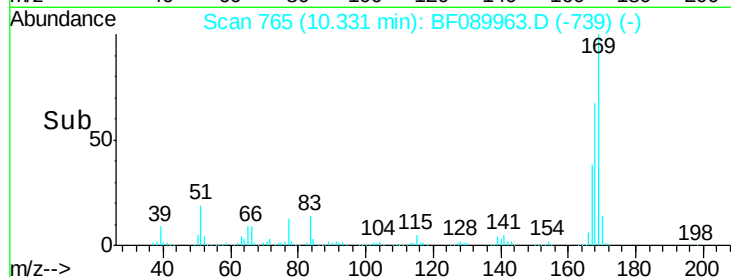
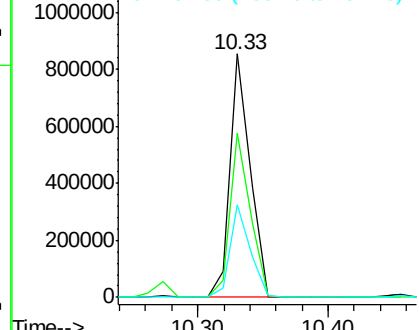
#65
n-Nitrosodiphenylamine
Concen: 36.76 ng
RT: 10.33 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF089963.D
Acq: 1 Sep 2016 10:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 917773
Ion Ratio Lower Upper
169 100
168 67.2 55.0 82.4
167 37.9 30.5 45.7

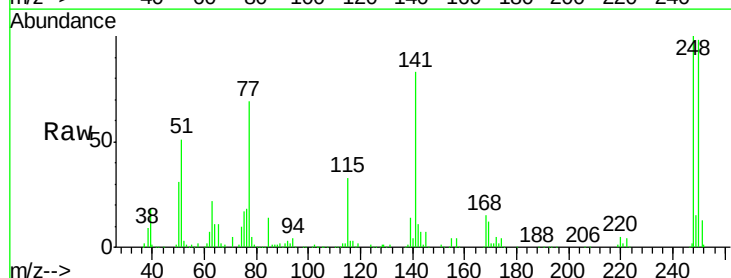


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

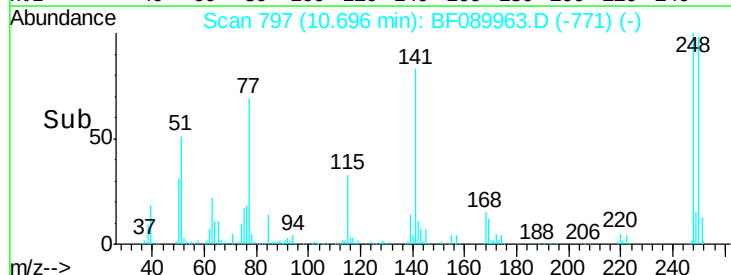
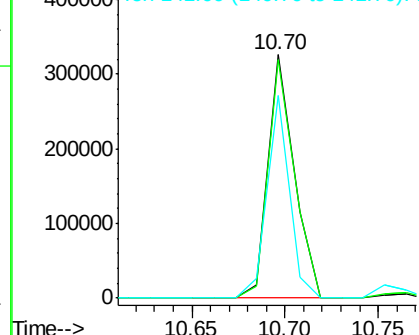


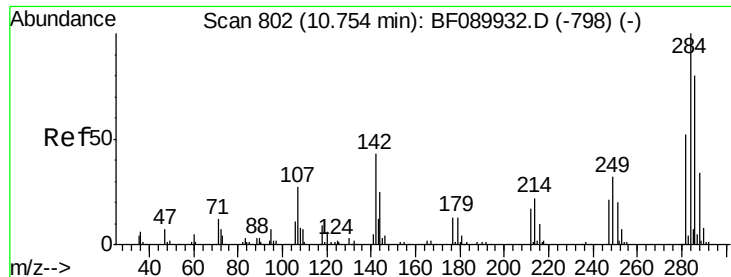
#66
4-Bromophenyl-phenylether
Concen: 37.75 ng
RT: 10.70 min Scan# 797
Delta R.T. -0.00 min
Lab File: BF089963.D
Acq: 1 Sep 2016 10:52

Tgt Ion:248 Resp: 315611
Ion Ratio Lower Upper
248 100
250 97.8 77.3 115.9
141 83.0 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

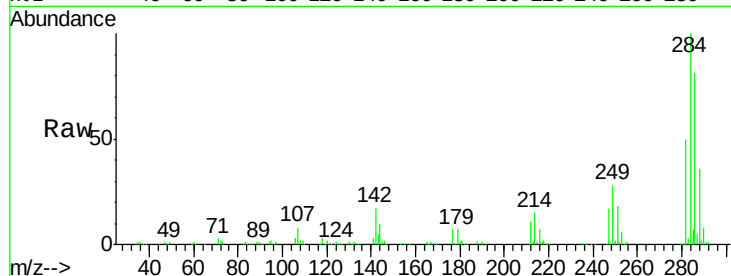




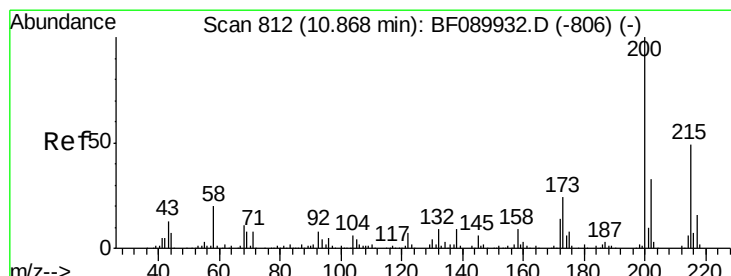
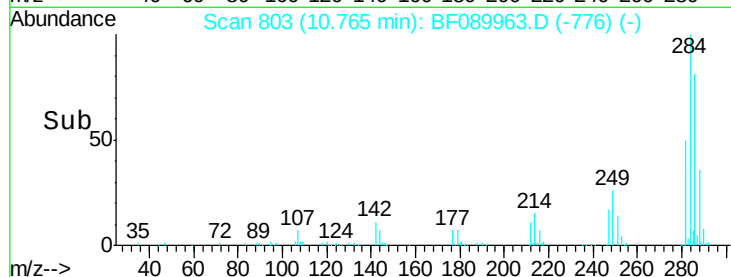
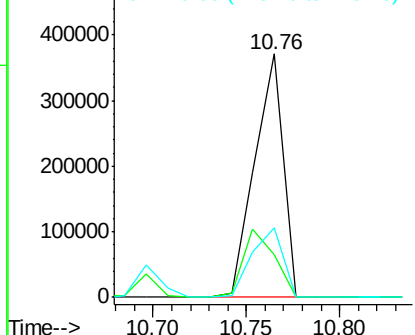
#67
Hexachlorobenzene
Concen: 40.87 ng
RT: 10.76 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF089963.D
Acq: 1 Sep 2016 10:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 390341
Ion Ratio Lower Upper
284 100
142 17.5 32.7 49.1#
249 28.4 26.9 40.3

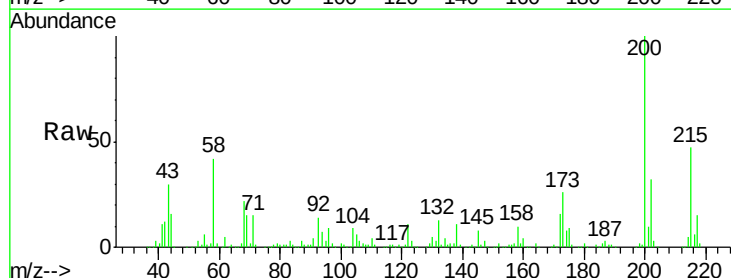


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

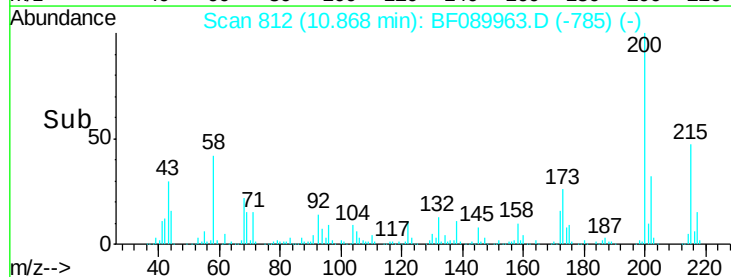
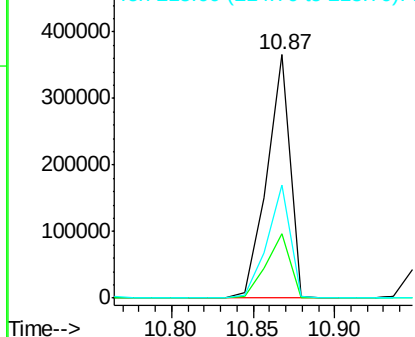


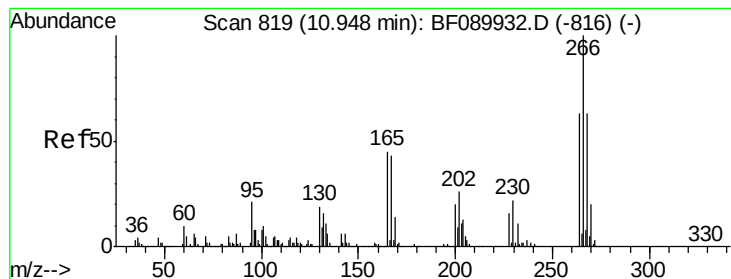
#68
Atrazine
Concen: 43.48 ng
RT: 10.87 min Scan# 812
Delta R.T. 0.01 min
Lab File: BF089963.D
Acq: 1 Sep 2016 10:52

Tgt Ion:200 Resp: 362392
Ion Ratio Lower Upper
200 100
173 26.3 9.4 49.4
215 46.6 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: 44.94 ng

RT: 10.95 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF089963.D

Acq: 1 Sep 2016 10:52

Instrument :
BNA_F
ClientSampled :

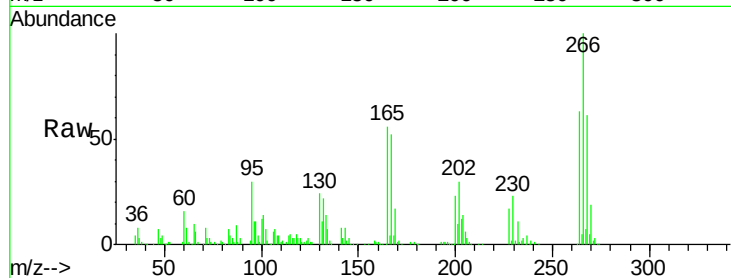
Tot Ion:266 Resp: 230905

Ion Ratio Lower Upper

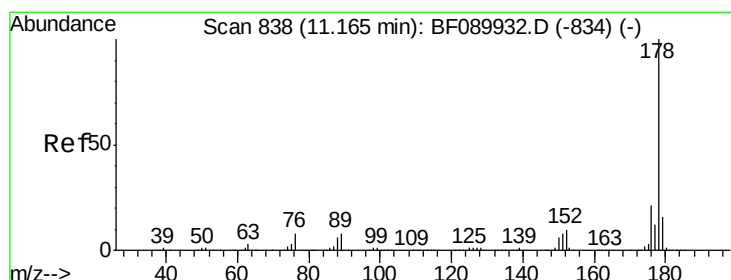
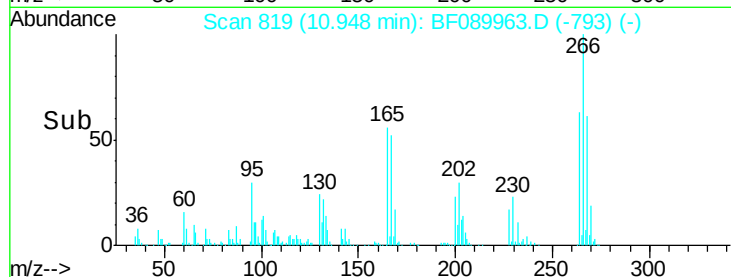
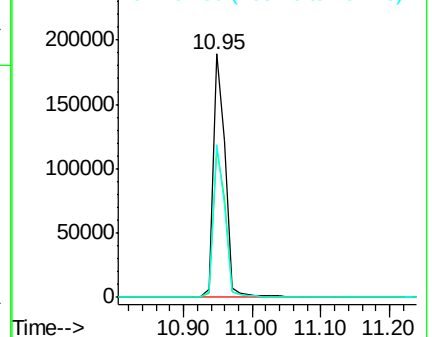
266 100

268 61.1 51.0 76.6

264 63.0 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: 34.38 ng

RT: 11.16 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF089963.D

Acq: 1 Sep 2016 10:52

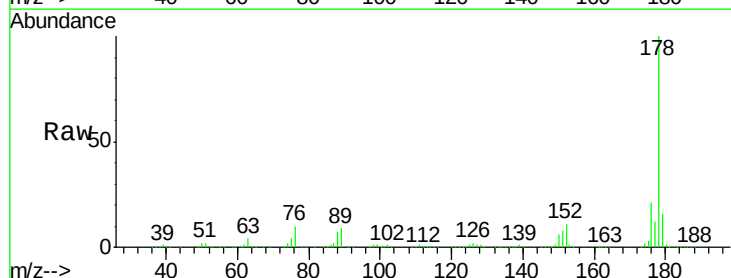
Tgt Ion:178 Resp: 1421882

Ion Ratio Lower Upper

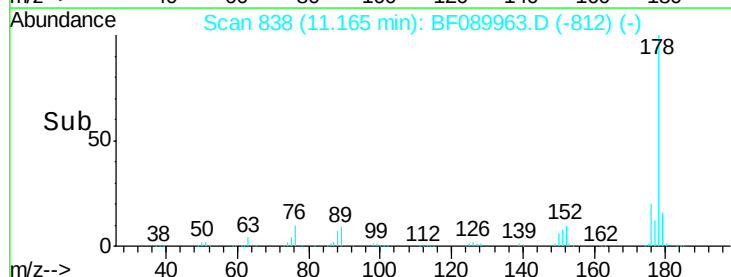
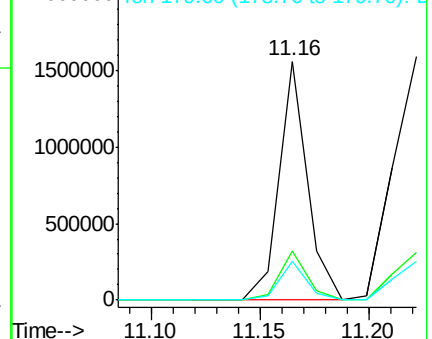
178 100

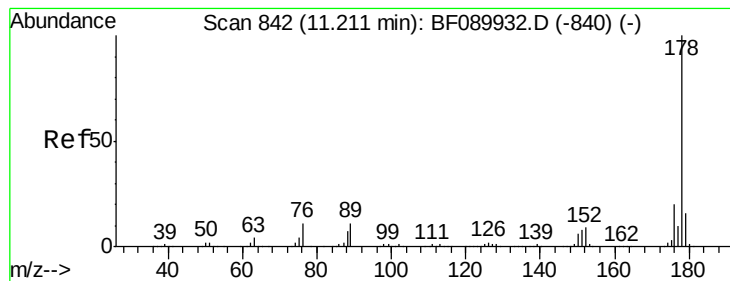
176 20.6 16.5 24.7

179 16.0 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: 41.03 ng

RT: 11.22 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF089963.D

Acq: 1 Sep 2016 10:52

Instrument :

BNA_F

ClientSampleId :

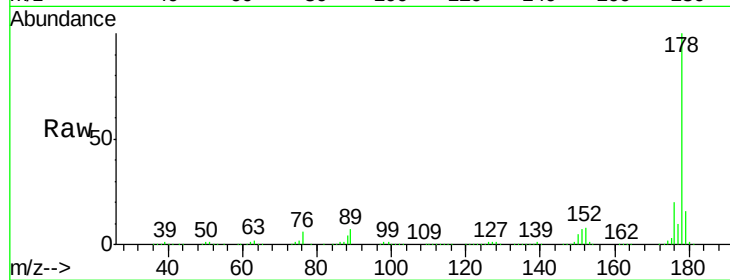
Tot Ion:178 Resp: 1720996

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

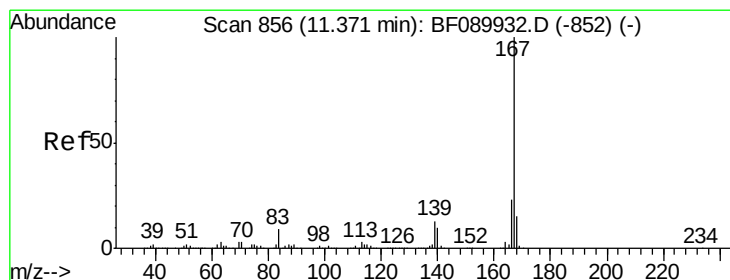
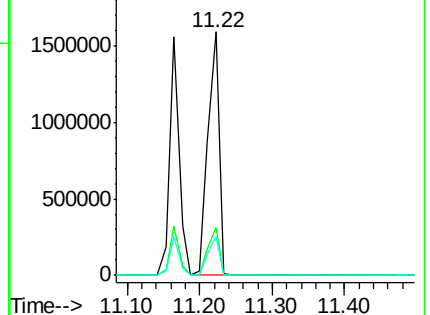
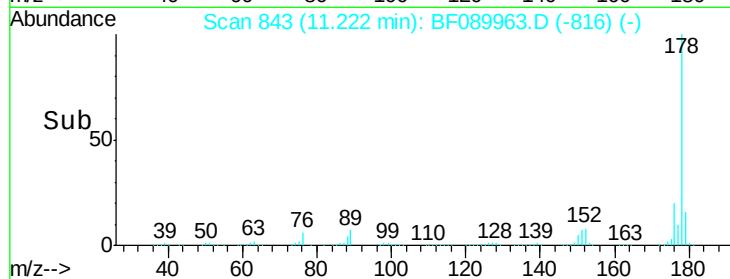
179 15.8 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 35.58 ng

RT: 11.37 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF089963.D

Acq: 1 Sep 2016 10:52

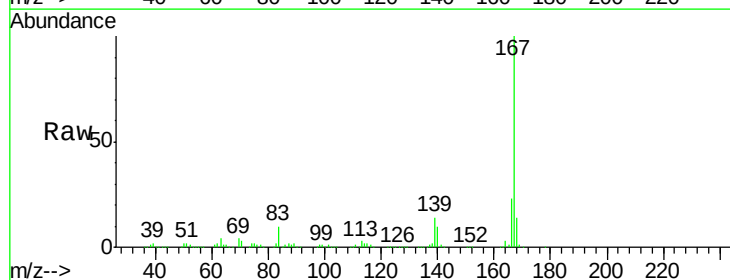
Tgt Ion:167 Resp: 1399484

Ion Ratio Lower Upper

167 100

166 22.6 18.1 27.1

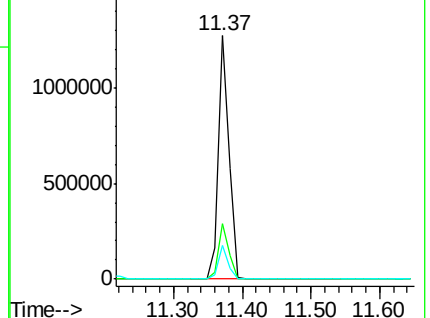
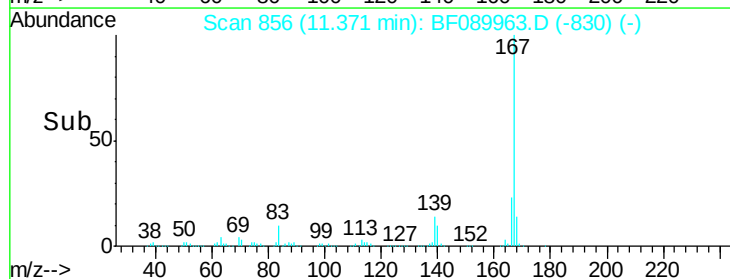
139 13.6 10.4 15.6

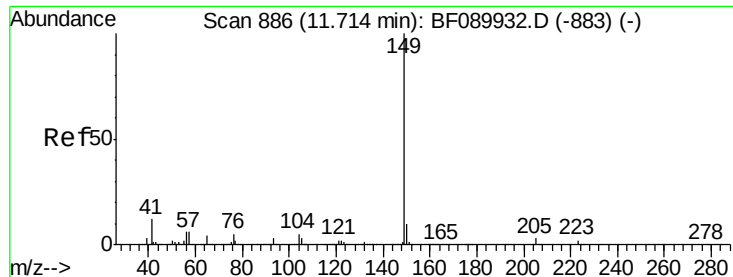


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.37 ng

RT: 11.72 min Scan# 887

Delta R.T. 0.01 min

Lab File: BF089963.D

Acq: 1 Sep 2016 10:52

Instrument :

BNA_F

ClientSampleId :

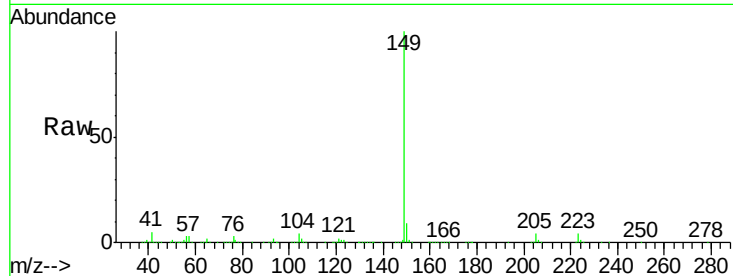
Tot Ion:149 Resp: 1942368

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.8

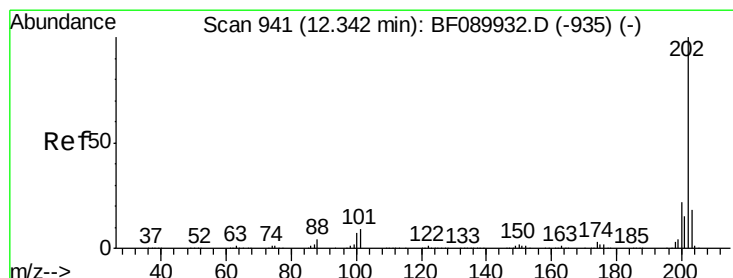
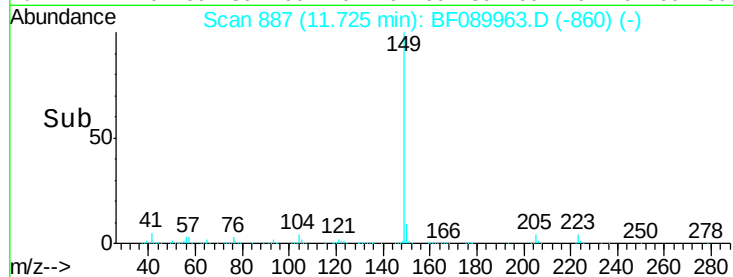
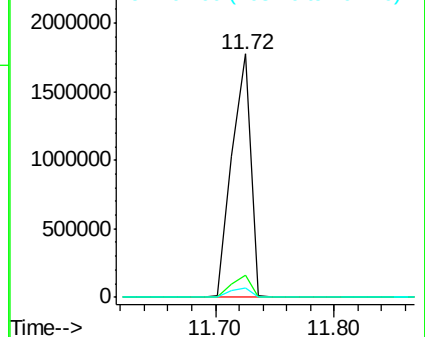
104 3.8 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.16 ng

RT: 12.34 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF089963.D

Acq: 1 Sep 2016 10:52

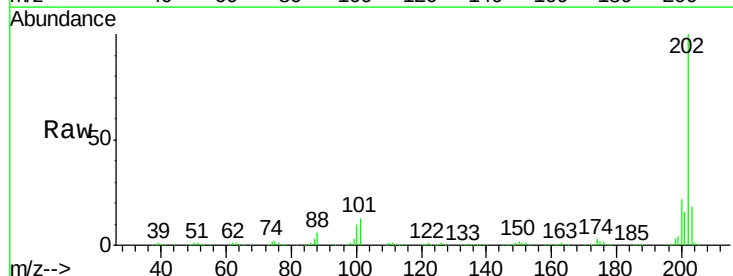
Tgt Ion:202 Resp: 1523921

Ion Ratio Lower Upper

202 100

101 13.0 0.0 28.5

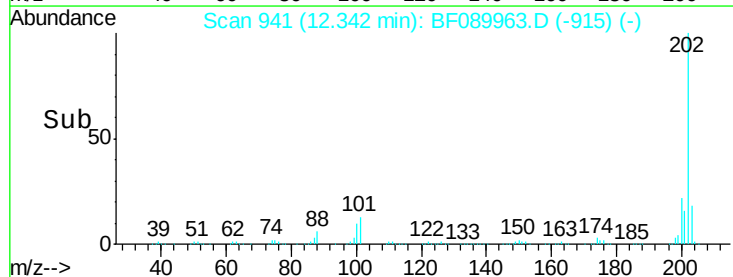
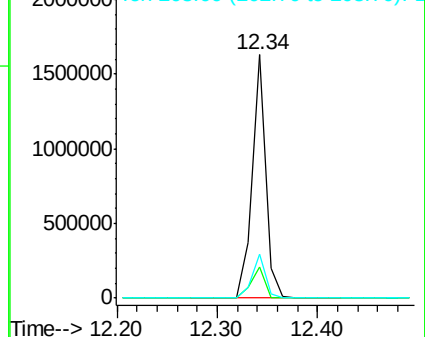
203 18.2 0.0 38.0

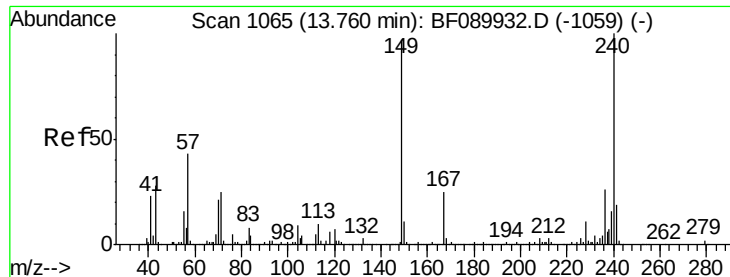


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BF089963.D

Acq: 1 Sep 2016 10:52

Instrument :

BNA_F

ClientSampled :

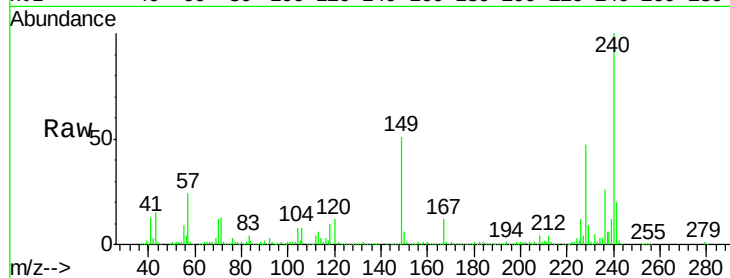
Tot Ion:240 Resp: 641391

Ion Ratio Lower Upper

240 100

120 12.0 5.7 8.5#

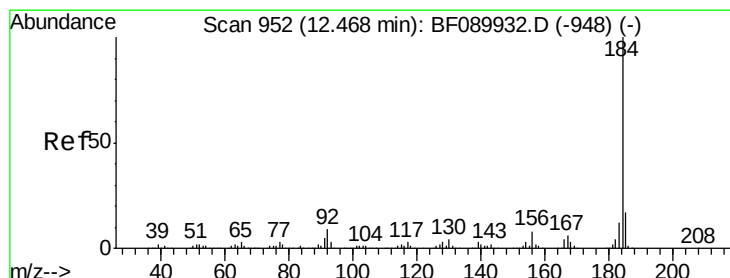
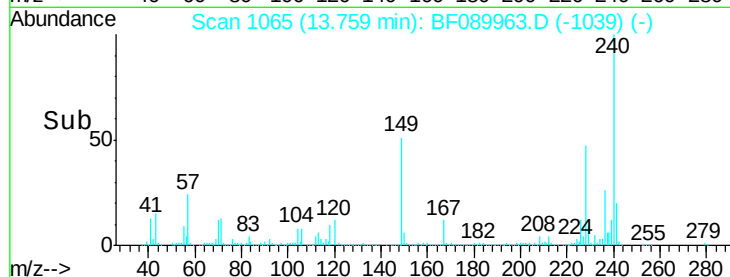
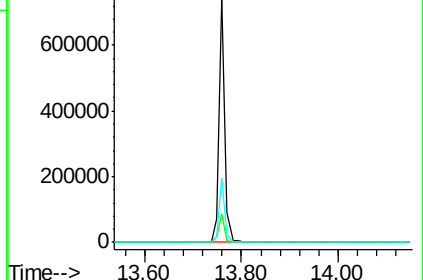
236 26.3 21.3 31.9



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: 38.43 ng

RT: 12.47 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF089963.D

Acq: 1 Sep 2016 10:52

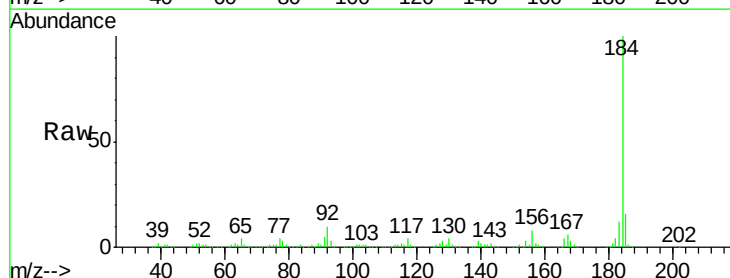
Tgt Ion:184 Resp: 933776

Ion Ratio Lower Upper

184 100

185 16.1 13.8 20.8

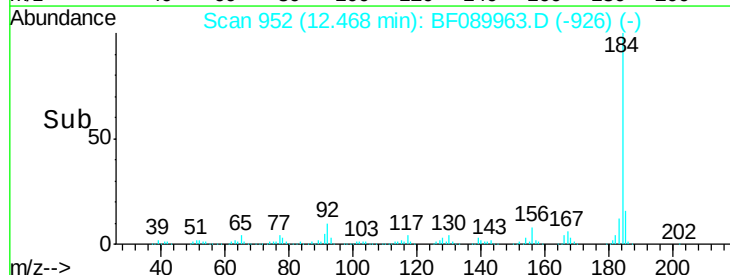
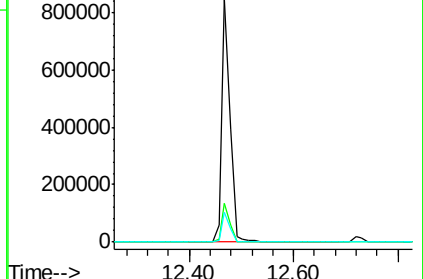
183 12.0 9.6 14.4

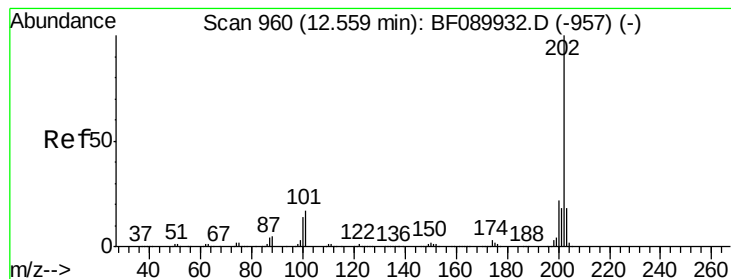


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.33 ng

RT: 12.57 min Scan# 961

Delta R.T. 0.01 min

Lab File: BF089963.D

Acq: 1 Sep 2016 10:52

Instrument :

BNA_F

ClientSampleId :

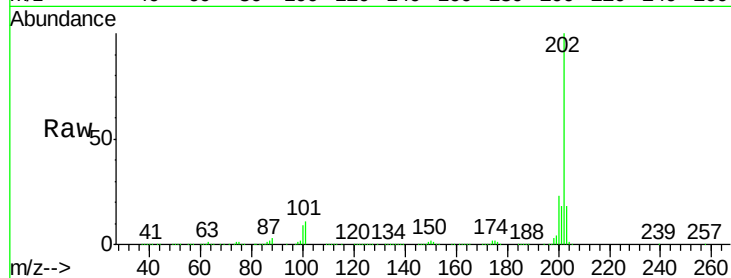
Tot Ion:202 Resp: 1778570

Ion Ratio Lower Upper

202 100

200 22.8 17.6 26.4

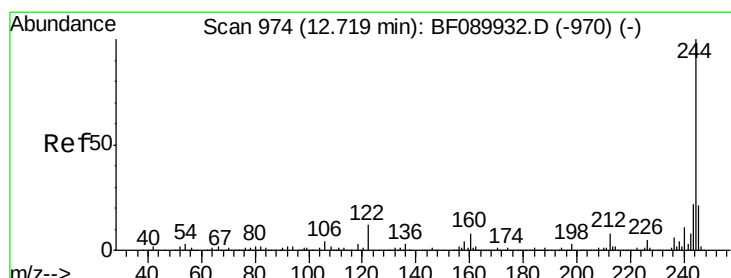
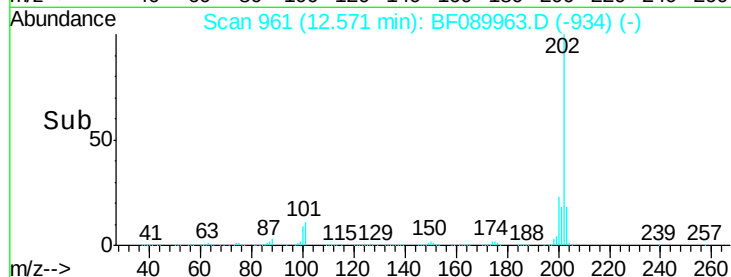
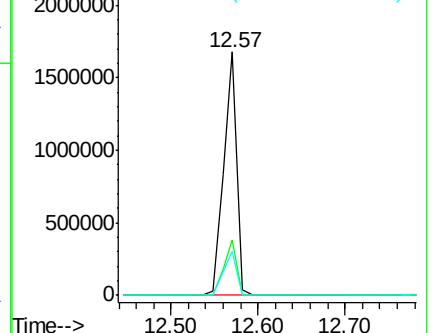
203 17.9 14.6 21.8



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: 77.65 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF089963.D

Acq: 1 Sep 2016 10:52

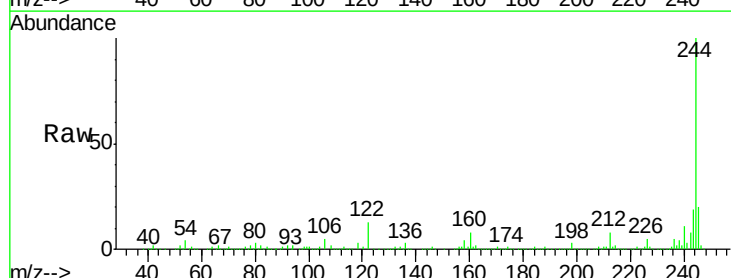
Tgt Ion:244 Resp: 2016120

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

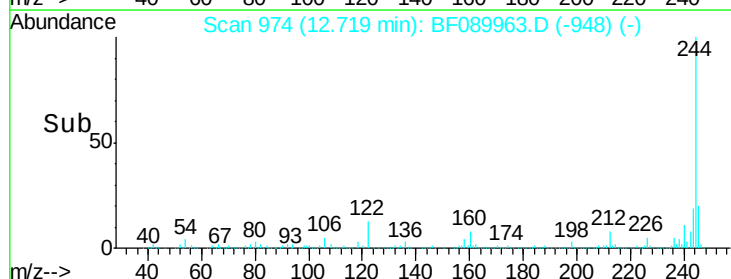
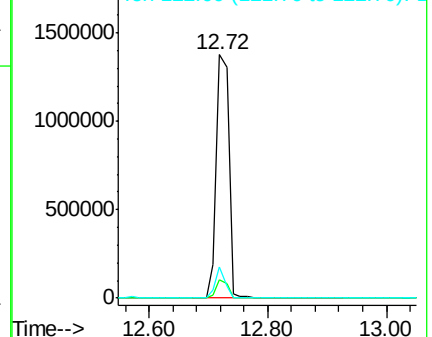
122 13.0 9.6 14.4

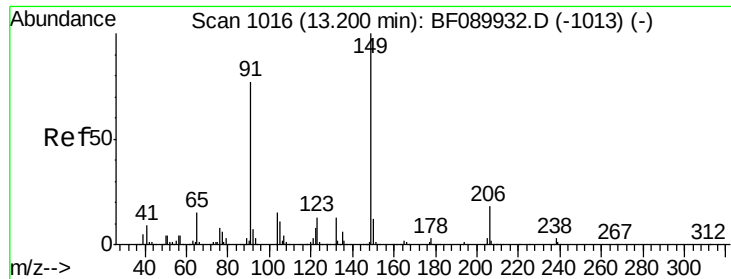


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 41.26 ng

RT: 13.20 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BF089963.D

Acq: 1 Sep 2016 10:52

Instrument :

BNA_F

ClientSampleId :

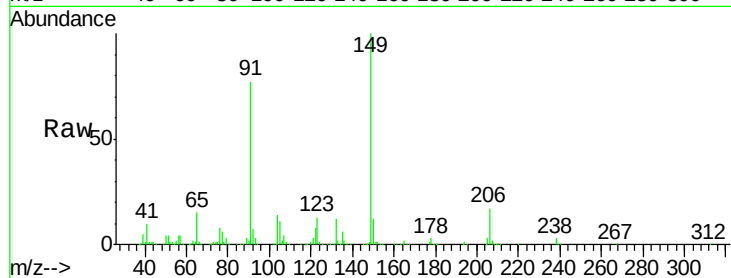
Tot Ion:149 Resp: 752468

Ion Ratio Lower Upper

149 100

91 77.0 60.0 90.0

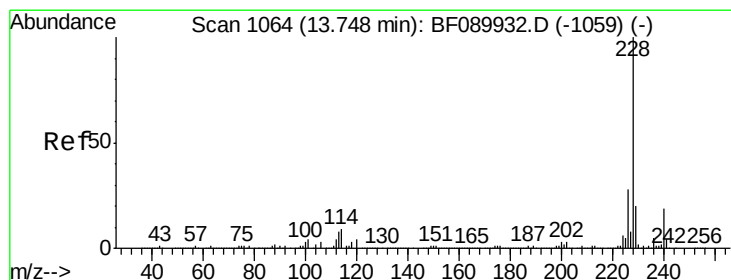
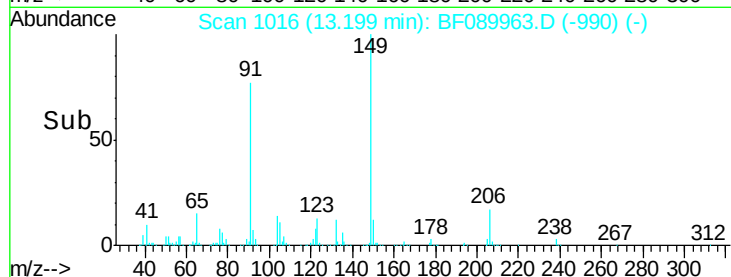
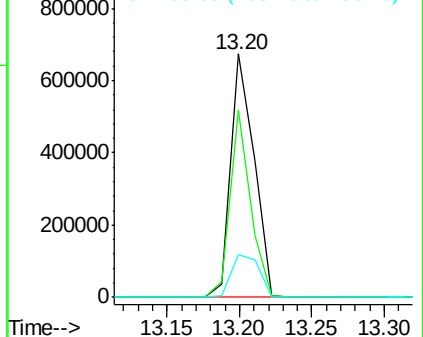
206 17.4 15.1 22.7



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: 37.45 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.00 min

Lab File: BF089963.D

Acq: 1 Sep 2016 10:52

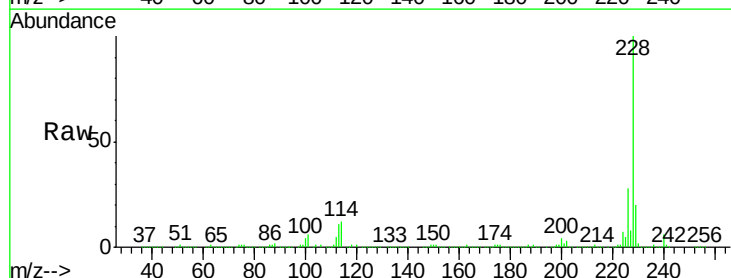
Tgt Ion:228 Resp: 1471094

Ion Ratio Lower Upper

228 100

226 28.4 22.2 33.2

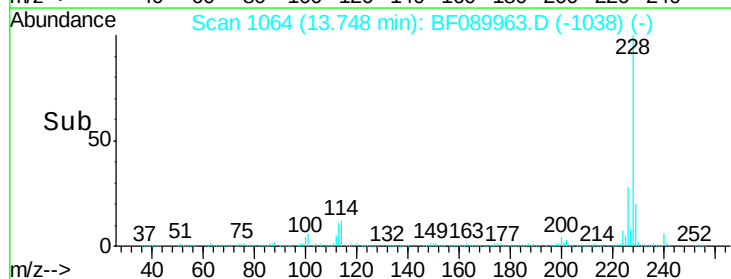
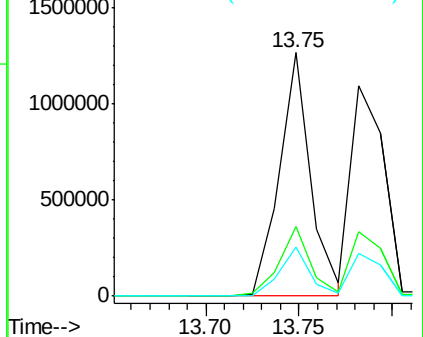
229 20.4 15.8 23.6

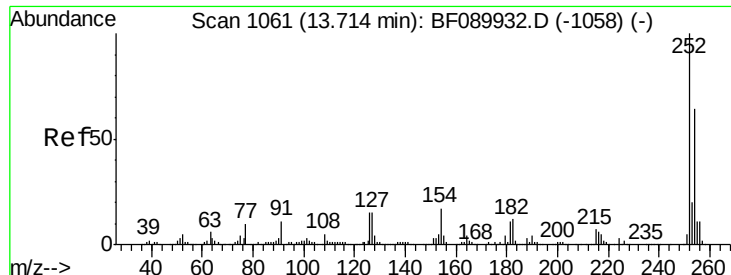


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

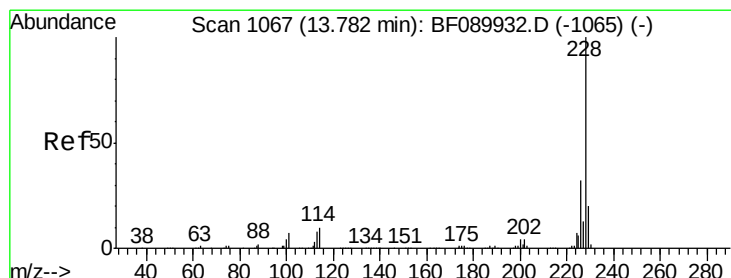
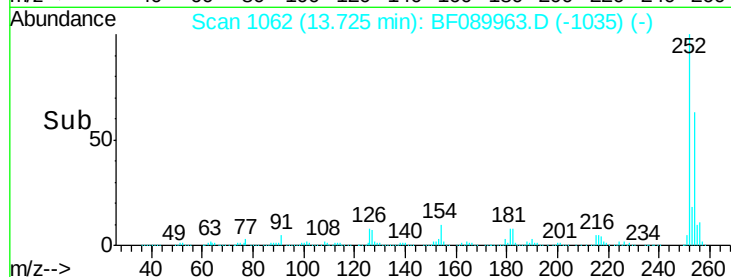
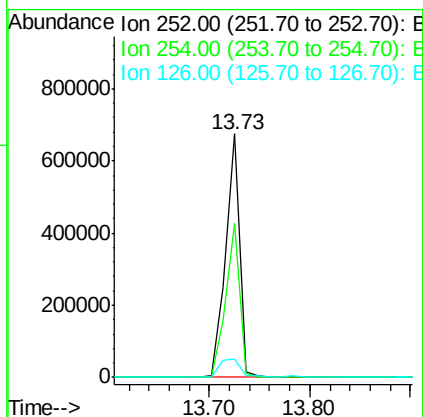
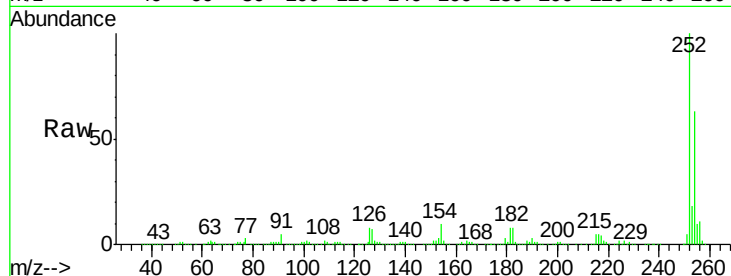




#81
 3,3'-Dichlorobenzidine
 Concen: 46.32 ng
 RT: 13.73 min Scan# 1062
 Delta R.T. 0.01 min
 Lab File: BF089963.D
 Acq: 1 Sep 2016 10:52

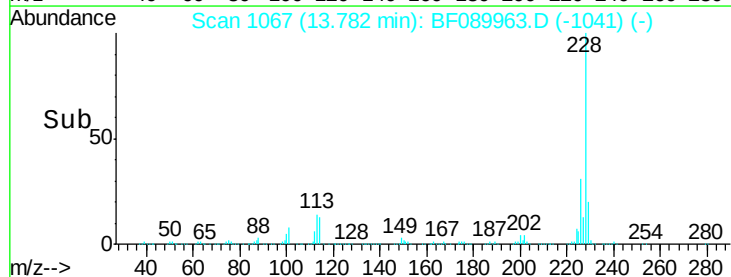
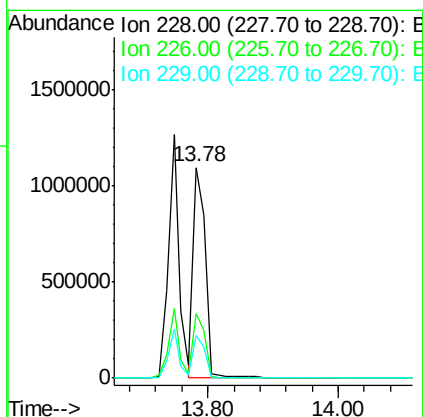
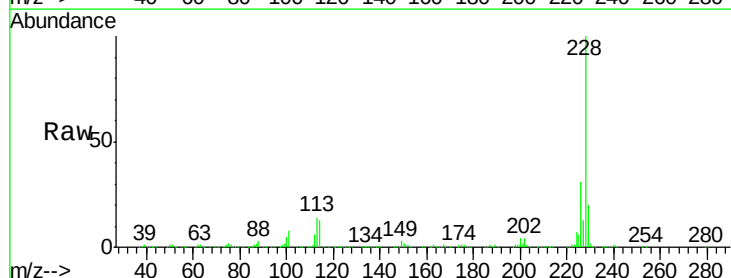
Instrument :
 BNA_F
 ClientSampleId :

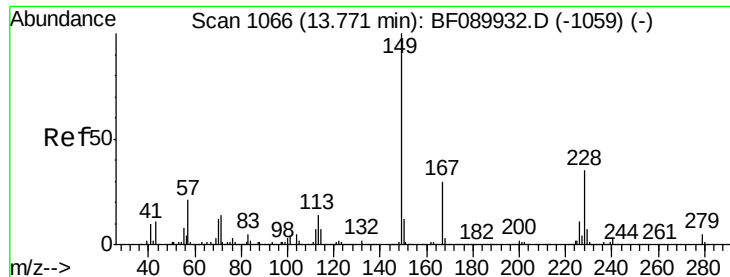
Tot Ion:252 Resp: 656770
 Ion Ratio Lower Upper
 252 100
 254 63.4 51.3 76.9
 126 7.6 12.3 18.5#



#82
 Chrysene
 Concen: 37.76 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: BF089963.D
 Acq: 1 Sep 2016 10:52

Tgt Ion:228 Resp: 1385506
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.2 37.8
 229 20.3 16.2 24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.26 ng

RT: 13.77 min Scan# 1066

Delta R.T. 0.00 min

Lab File: BF089963.D

Acq: 1 Sep 2016 10:52

Instrument :

BNA_F

ClientSampled :

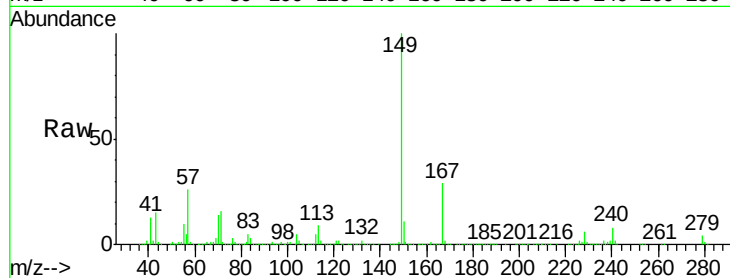
Tot Ion:149 Resp: 1065953

Ion Ratio Lower Upper

149 100

167 28.6 23.6 35.4

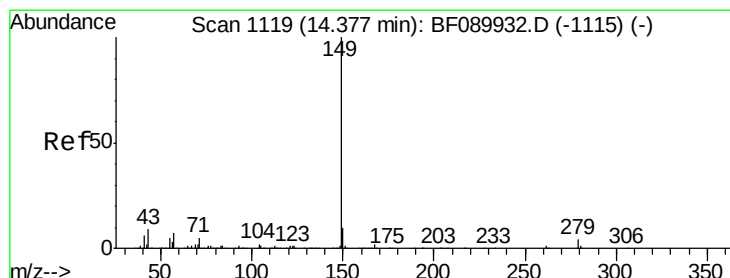
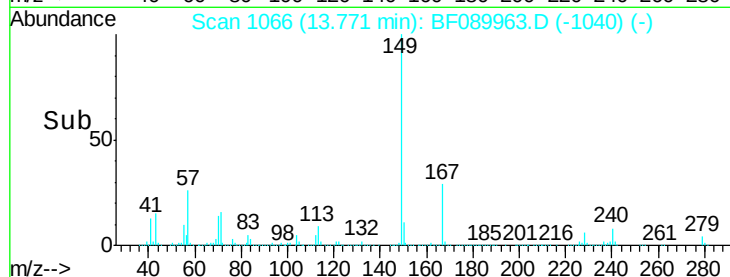
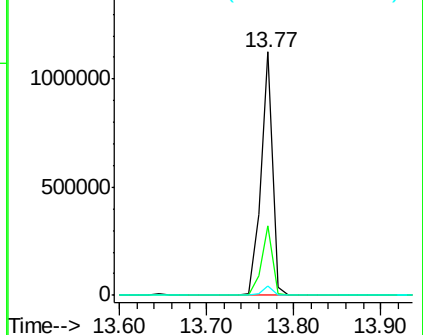
279 3.7 3.4 5.2



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: 45.42 ng

RT: 14.38 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BF089963.D

Acq: 1 Sep 2016 10:52

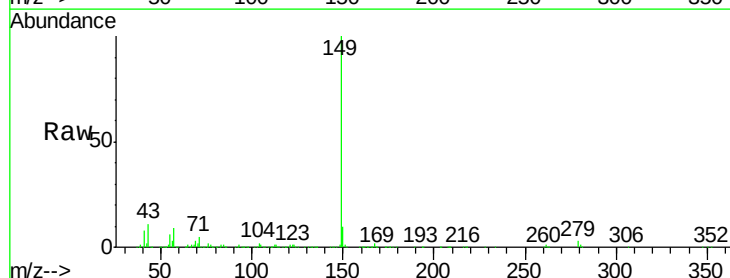
Tgt Ion:149 Resp: 1849315

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

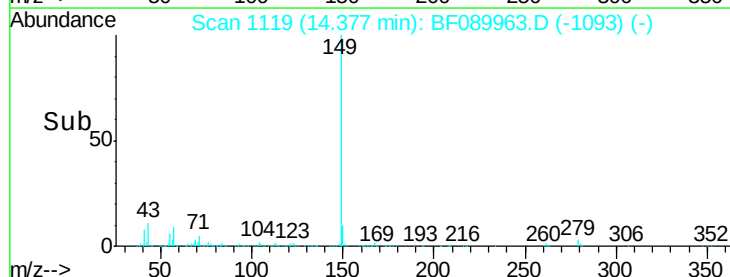
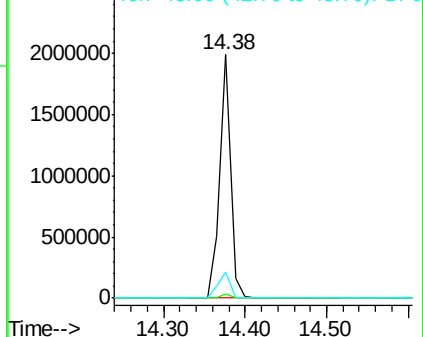
43 12.1 9.3 13.9

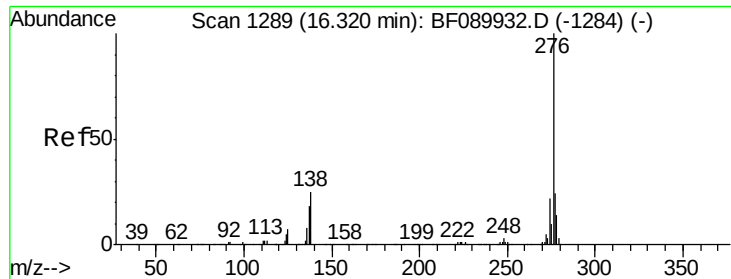


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

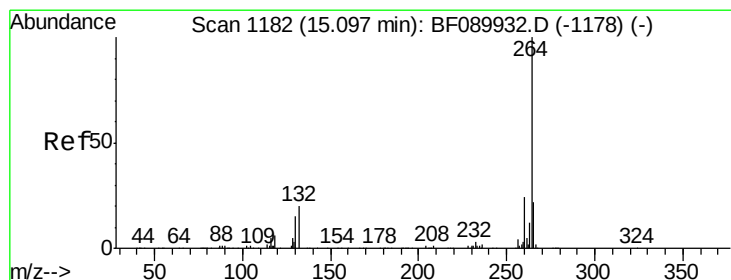
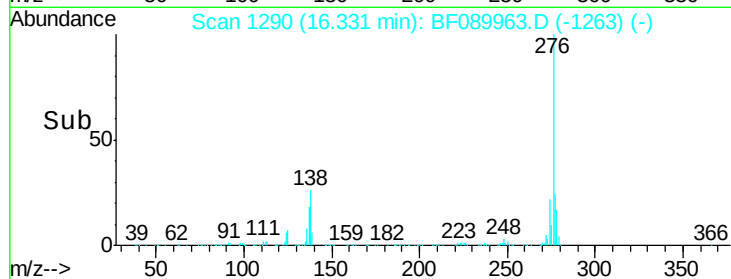
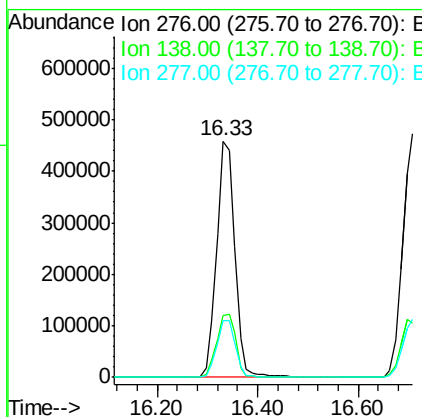
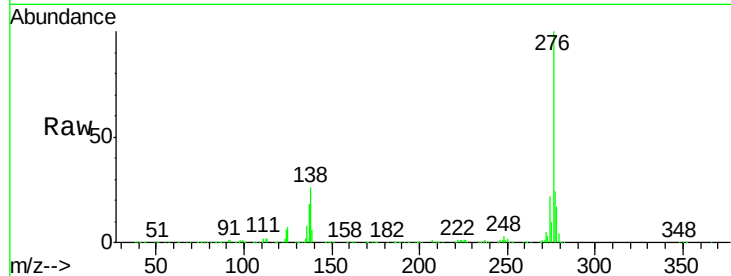




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.88 ng
 RT: 16.33 min Scan# 1290
 Delta R.T. 0.01 min
 Lab File: BF089963.D
 Acq: 1 Sep 2016 10:52

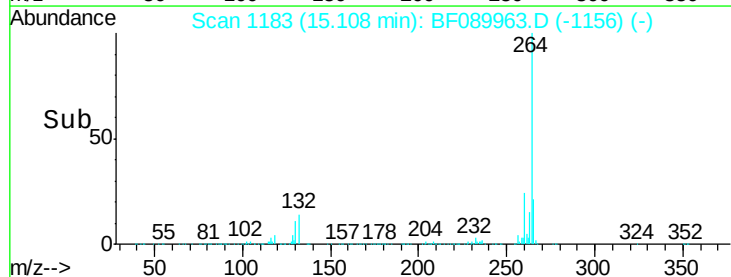
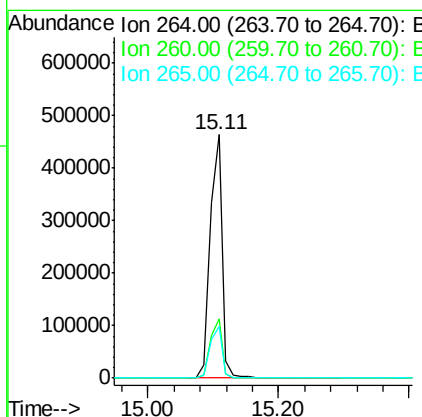
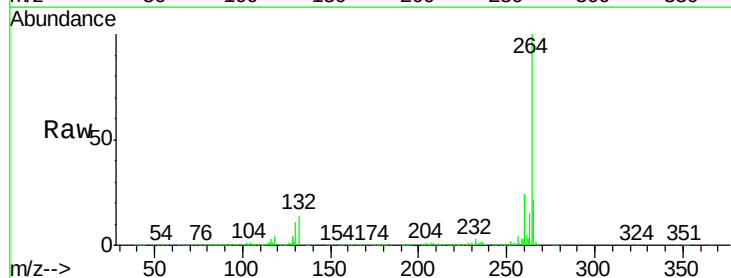
Instrument :
 BNA_F
 ClientSampleId :

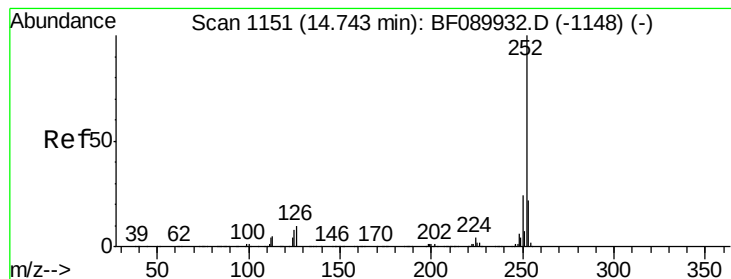
Tot Ion:276 Resp: 1163240
 Ion Ratio Lower Upper
 276 100
 138 28.4 22.6 34.0
 277 24.9 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF089963.D
 Acq: 1 Sep 2016 10:52

Tgt Ion:264 Resp: 603586
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.4 29.0
 265 21.3 17.4 26.2





#87

Benzo(b)fluoranthene

Concen: 68.92 ng

RT: 14.74 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BF089963.D

Acq: 1 Sep 2016 10:52

Instrument :

BNA_F

ClientSampleId :

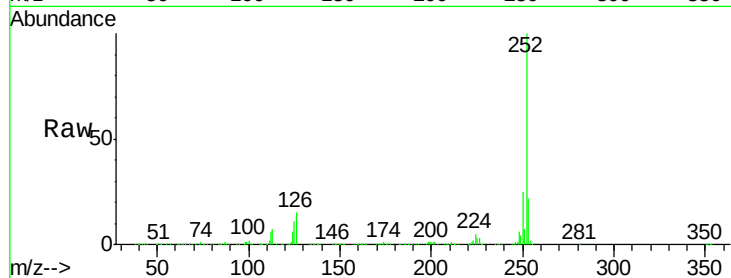
Tot Ion:252 Resp: 2605942

Ion Ratio Lower Upper

252 100

253 22.5 18.0 27.0

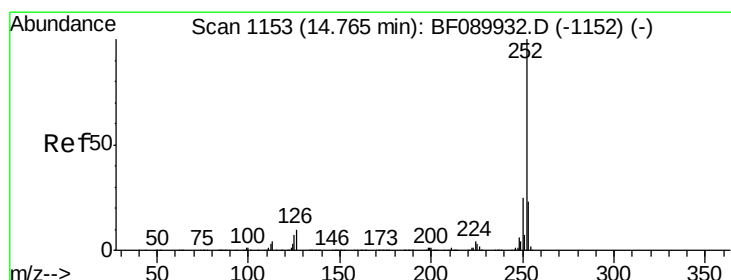
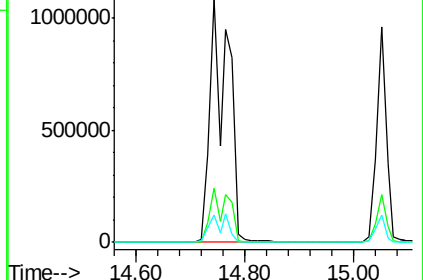
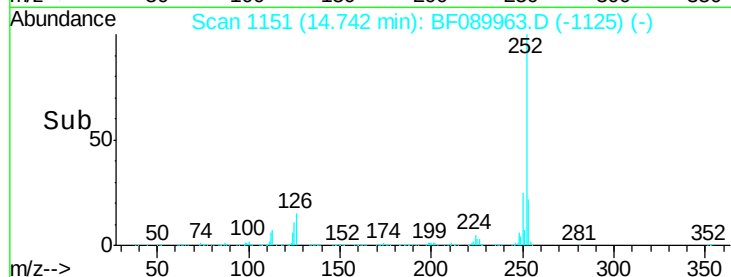
125 11.0 5.7 8.5#



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: 81.22 ng

RT: 14.74 min Scan# 1151

Delta R.T. -0.02 min

Lab File: BF089963.D

Acq: 1 Sep 2016 10:52

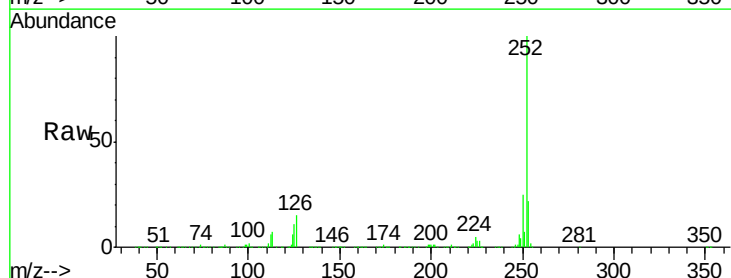
Tgt Ion:252 Resp: 2605942

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

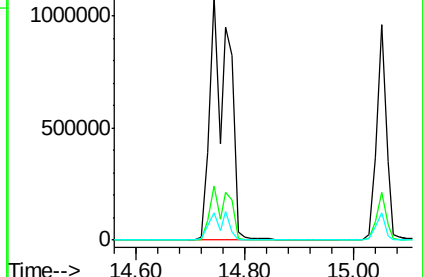
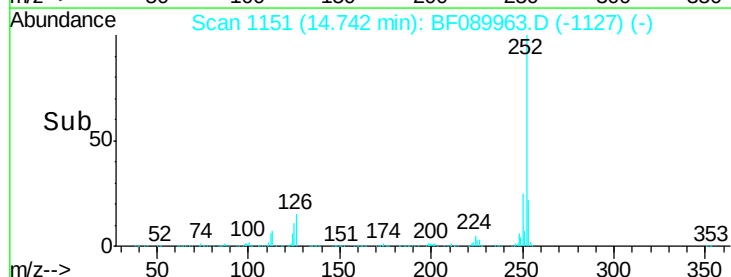
125 11.0 7.3 10.9#

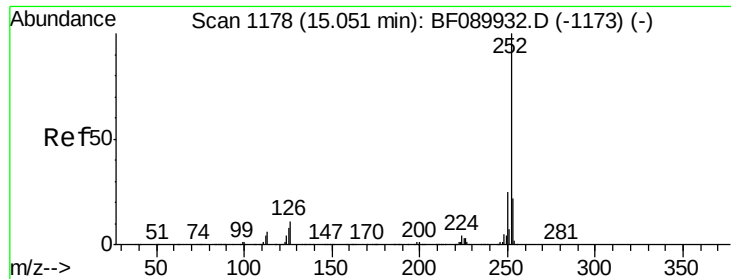


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

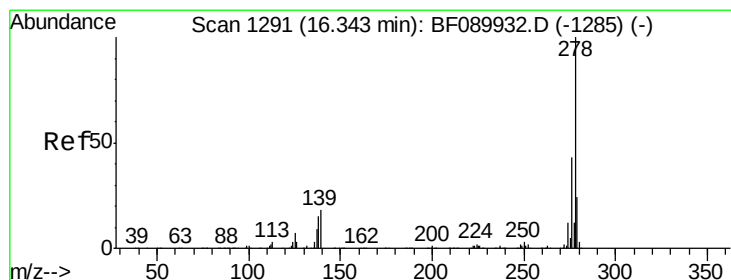
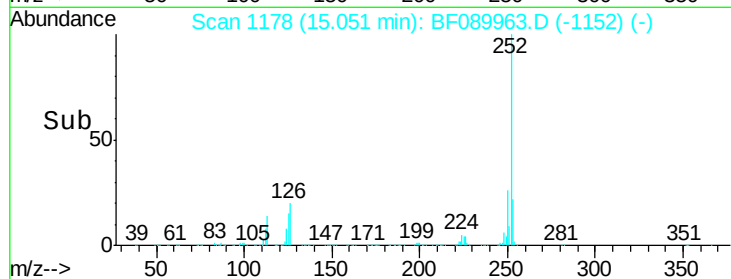
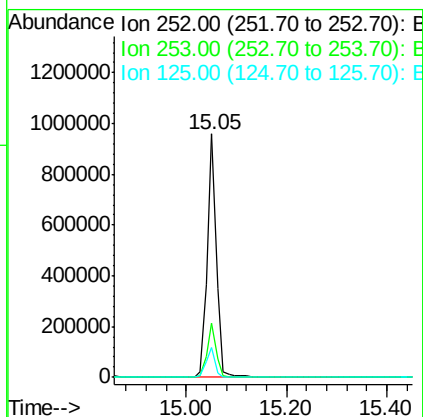
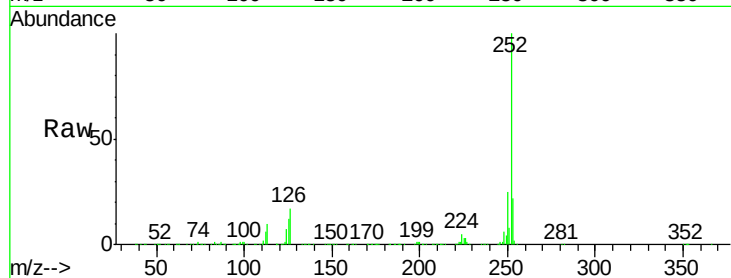




#89
Benzo(a)pyrene
Concen: 37.30 ng
RT: 15.05 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BF089963.D
Acq: 1 Sep 2016 10:52

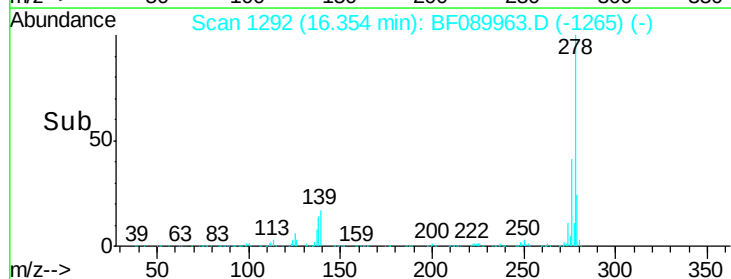
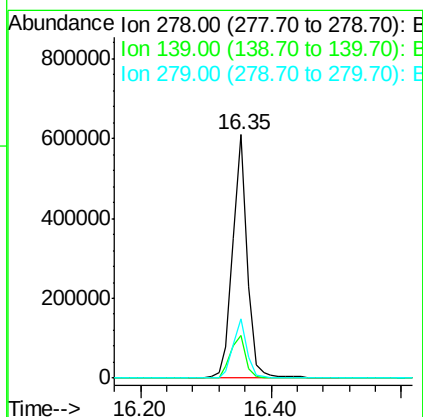
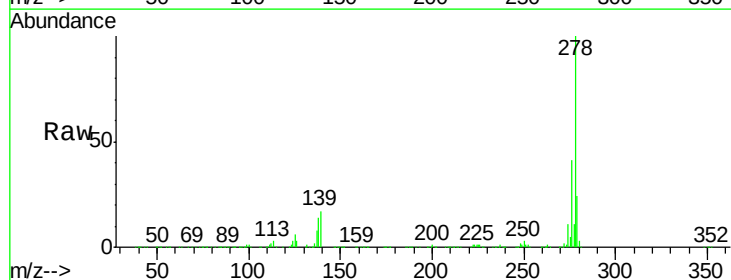
Instrument :
BNA_F
ClientSampleId :

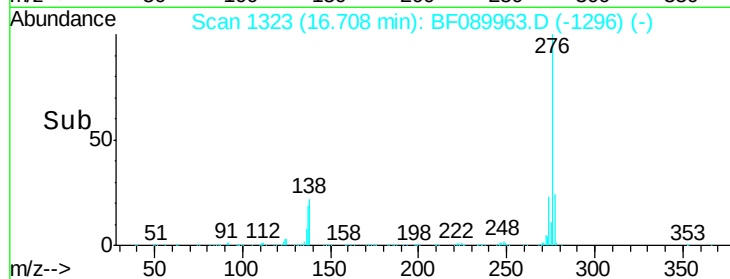
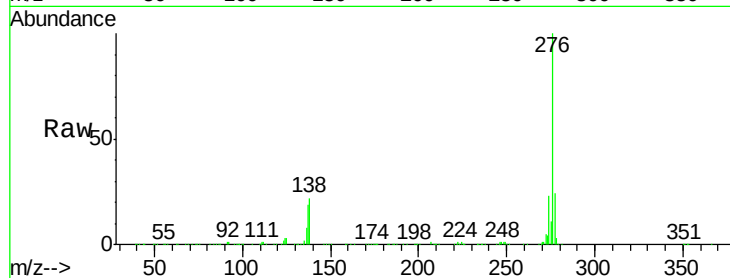
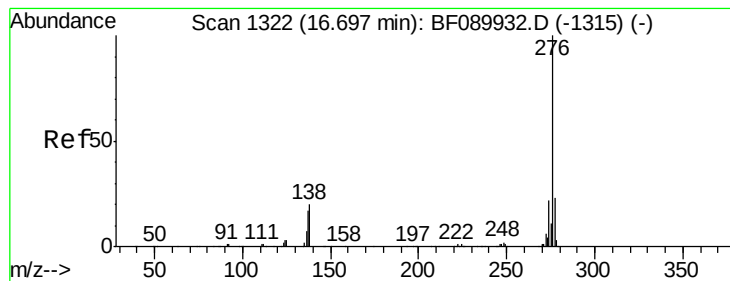
Tot Ion:252 Resp: 1208406
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 12.5 6.3 9.5#



#90
Dibenzo(a,h)anthracene
Concen: 39.53 ng
RT: 16.35 min Scan# 1292
Delta R.T. 0.01 min
Lab File: BF089963.D
Acq: 1 Sep 2016 10:52

Tgt Ion:278 Resp: 938336
Ion Ratio Lower Upper
278 100
139 17.4 13.4 20.2
279 24.1 19.4 29.2





#91

Benzo(a,h,i)perylene

Concen: 39.33 ng

RT: 16.71 min Scan# 1323

Delta R.T. 0.01 min

Lab File: BF089963.D

Acq: 1 Sep 2016 10:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 939726

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 22.1 16.4 24.6

