

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083116\
 Data File : BF089944.D
 Acq On : 31 Aug 2016 12:19
 Operator : UM/SJ
 Sample : H4522-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 31 15:19:05 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	239844	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	947713	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	491118	20.00	ng	0.00
63) Phenanthrene-d10	11.14	188	990826	20.00	ng	0.00
75) Chrysene-d12	13.76	240	616309	20.00	ng	0.00
86) Perylene-d12	15.10	264	561447	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1380034	92.10	ng	0.01
7) Phenol-d6	6.28	99	1640418	90.10	ng	0.01
23) Nitrobenzene-d5	7.21	82	1100048	67.32	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	466966	96.38	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	2017947	67.45	ng	0.00
78) Terphenyl-d14	12.72	244	1608191	64.46	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.15	88	197445	27.81	ng	98
3) Pyridine	2.80	79	133992	7.07	ng	96
4) n-Nitrosodimethylamine	2.73	42	334661	35.83	ng	97
6) Aniline	6.30	93	516391	20.79	ng	# 37
8) 2-Chlorophenol	6.42	128	558894	34.38	ng	97
9) Benzaldehyde	6.17	77	124530	10.60	ng	88
10) Phenol	6.30	94	687796	32.49	ng	85
11) bis(2-Chloroethyl)ether	6.39	93	546561	34.11	ng	85
12) 1,3-Dichlorobenzene	6.58	146	598452	32.96	ng	99
13) 1,4-Dichlorobenzene	6.65	146	580524	31.25	ng	99
14) 1,2-Dichlorobenzene	6.81	146	599811	36.02	ng	98
15) Benzyl Alcohol	6.79	79	416696	36.53	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.94	45	1078663	35.31	ng	98
17) 2-Methylphenol	6.91	107	478807	36.88	ng	97
18) Hexachloroethane	7.15	117	215496	33.87	ng	95
19) n-Nitroso-di-n-propylamine	7.07	70	423934	35.73	ng	98
20) 3+4-Methylphenols	7.06	107	493459	31.36	ng	91
22) Acetophenone	7.05	105	670125	31.52	ng	# 93
24) Nitrobenzene	7.22	77	536464	30.88	ng	95
25) Isophorone	7.47	82	1134772	34.15	ng	99
26) 2-Nitrophenol	7.54	139	298810	35.98	ng	97
27) 2,4-Dimethylphenol	7.59	122	518880	33.78	ng	99
28) bis(2-Chloroethoxy)methane	7.69	93	761388	37.99	ng	99
29) 2,4-Dichlorophenol	7.78	162	465307	33.79	ng	98
30) 1,2,4-Trichlorobenzene	7.86	180	520287	34.56	ng	98
31) Naphthalene	7.94	128	1459848	30.92	ng	100
32) Benzoic acid	7.67	122	22855	2.21	ng	91
33) 4-Chloroaniline	8.00	127	459885	24.14	ng	95
34) Hexachlorobutadiene	8.07	225	282517	32.02	ng	99
35) Caprolactam	8.36	113	88290	20.31	ng	# 86
36) 4-Chloro-3-methylphenol	8.49	107	535851	36.74	ng	94
37) 2-Methylnaphthalene	8.64	142	1113084	35.68	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	368168	25.59	ng	97
40) Hexachlorocyclopentadiene	8.79	237	526188	71.33	ng	94

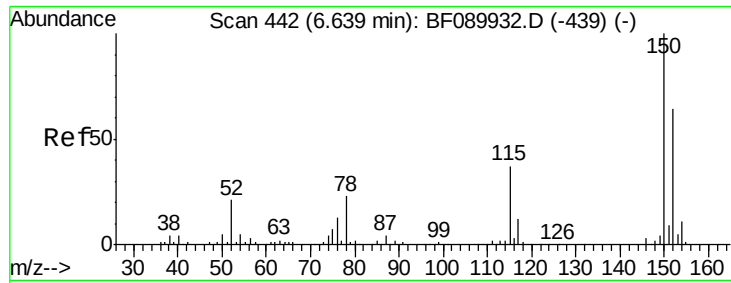
Data Path : Z:\HPCHEM1\BNA F\DATA\BF083116\
 Data File : BF089944.D
 Acq On : 31 Aug 2016 12:19
 Operator : UM/SJ
 Sample : H4522-01MSD
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 BNA_F
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Quant Time: Aug 31 15:19:05 2016
 Quant Method : Z:\HPCHEM1\BNA 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	372523	37.36	nq	98
43) 2,4,5-Trichlorophenol	8.96	196	339168	35.37	nq	# 87
45) 1,1'-Biphenyl	9.10	154	1086178	27.47	nq	100
46) 2-Chloronaphthalene	9.12	162	998498	35.70	nq	98
47) 2-Nitroaniline	9.22	65	338189	36.98	nq	# 49
48) Acenaphthylene	9.53	152	1516984	32.80	nq	100
49) Dimethylphthalate	9.42	163	1674319	47.17	nq	# 98
50) 2,6-Dinitrotoluene	9.46	165	257051	32.56	nq	94
51) Acenaphthene	9.70	154	982928	33.54	nq	99
52) 3-Nitroaniline	9.62	138	227732	25.29	nq	98
53) 2,4-Dinitrophenol	9.72	184	100413	29.32	nq	98
54) Dibenzofuran	9.87	168	1414039	36.01	nq	100
55) 4-Nitrophenol	9.79	139	373237	54.95	nq	# 61
56) 2,4-Dinitrotoluene	9.86	165	355870	35.55	nq	# 89
57) Fluorene	10.22	166	1086989	37.88	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	281516	34.30	nq	98
59) Diethylphthalate	10.10	149	1133046	33.93	nq	99
60) 4-Chlorophenyl-phenylether	10.22	204	490267	36.31	nq	99
61) 4-Nitroaniline	10.24	138	314270	35.52	nq	93
62) Azobenzene	10.36	77	1187212	35.59	nq	99
64) 4,6-Dinitro-2-methylphenol	10.26	198	136024	21.44	nq	96
65) n-Nitrosodiphenylamine	10.33	169	930512	31.24	nq	100
66) 4-Bromophenyl-phenylether	10.70	248	326504	32.73	nq	98
67) Hexachlorobenzene	10.75	284	335798	29.47	nq	99
68) Atrazine	10.87	200	355255	35.72	nq	93
69) Pentachlorophenol	10.95	266	306483	50.00	nq	99
70) Phenanthrene	11.16	178	1606029	32.55	nq	100
71) Anthracene	11.21	178	1540805	30.79	nq	100
72) Carbazole	11.37	167	1438354	30.65	nq	99
73) Di-n-butylphthalate	11.71	149	1826830	33.40	nq	100
74) Fluoranthene	12.34	202	1727246	33.40	nq	99
76) Benzidine	12.47	184	142943	6.12	nq	95
77) Pyrene	12.56	202	1588859	36.56	nq	99
79) Butylbenzylphthalate	13.20	149	647928	36.97	nq	99
80) Benzo(a)anthracene	13.75	228	1283899	34.01	nq	100
81) 3,3'-Dichlorobenzidine	13.71	252	335457	24.62	nq	98
82) Chrysene	13.78	228	1210134	34.32	nq	100
83) Bis(2-ethylhexyl)phthalate	13.77	149	850213	35.08	nq	# 98
84) Di-n-octyl phthalate	14.38	149	1389257	35.51	nq	99
85) Indeno(1,2,3-cd)pyrene	16.33	276	1202772	46.14	nq	99
87) Benzo(b)fluoranthene	14.77	252	2159587	61.40	nq	99
88) Benzo(k)fluoranthene	14.77	252	2159587	72.36	nq	98
89) Benzo(a)pyrene	15.04	252	1049527	34.83	nq	# 95
90) Dibenzo(a,h)anthracene	16.34	278	995444	45.08	nq	97
91) Benzo(g,h,i)perylene	16.70	276	1051856	47.33	nq	96

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

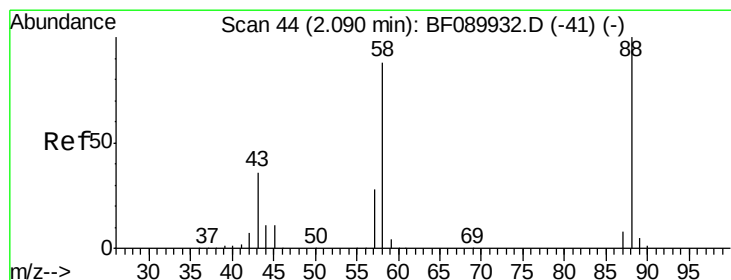
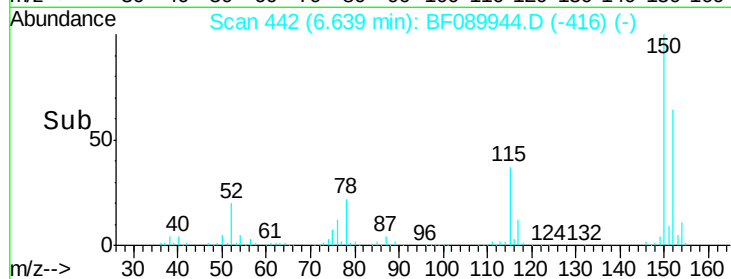
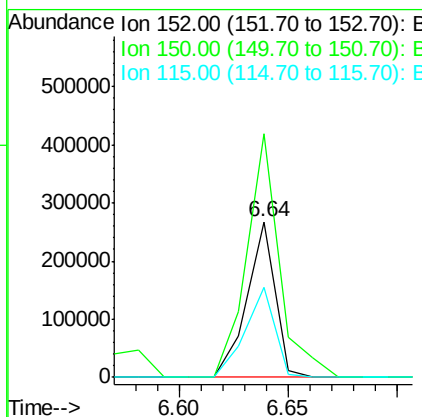
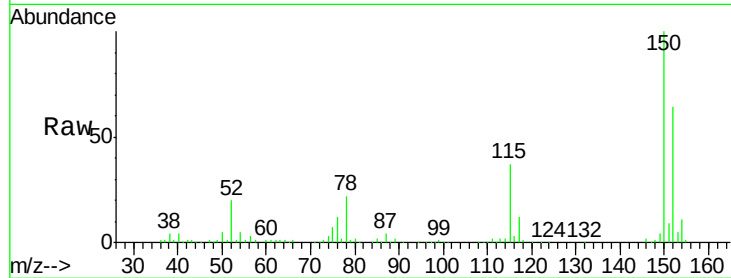


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF089944.D
Acq: 31 Aug 2016 12:19

Instrument :
BNA_F
ClientSampleId :

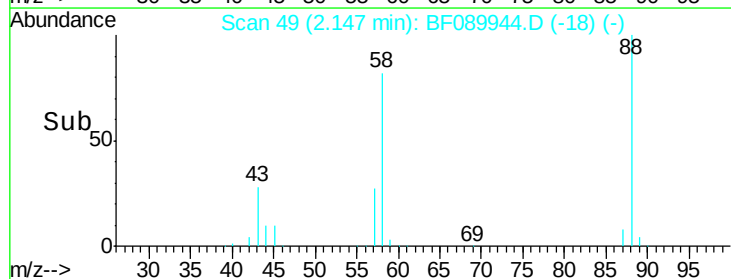
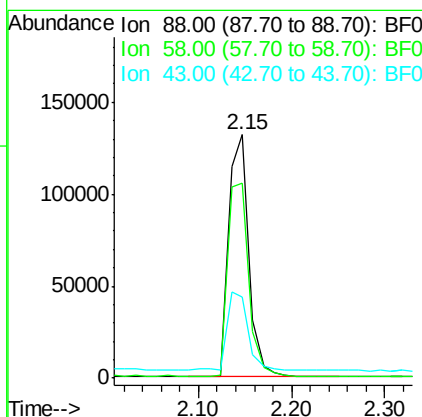
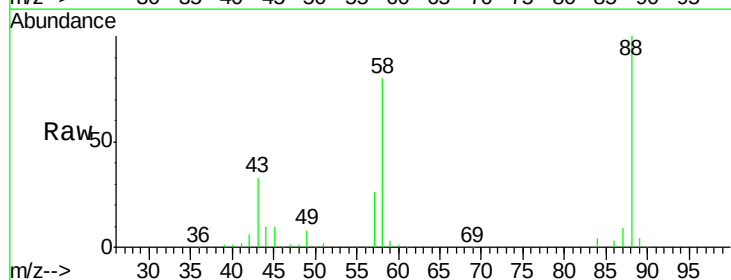
Tot Ion:152 Resp: 239844
Ion Ratio Lower Upper
152 100
150 156.2 127.4 191.2
115 57.4 46.3 69.5

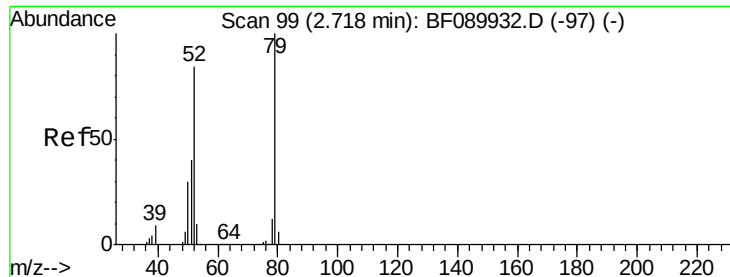


#2

1,4-Dioxane
Concen: 27.81 ng
RT: 2.15 min Scan# 49
Delta R.T. 0.06 min
Lab File: BF089944.D
Acq: 31 Aug 2016 12:19

Tgt Ion: 88 Resp: 197445
Ion Ratio Lower Upper
88 100
58 83.5 68.8 103.2
43 33.9 27.0 40.6





#3

Pvridine

Concen: 7.07 ng

RT: 2.80 min Scan# 106

Delta R.T. 0.08 min

Lab File: BF089944.D

Acq: 31 Aug 2016 12:19

Instrument :

BNA_F

ClientSampleId :

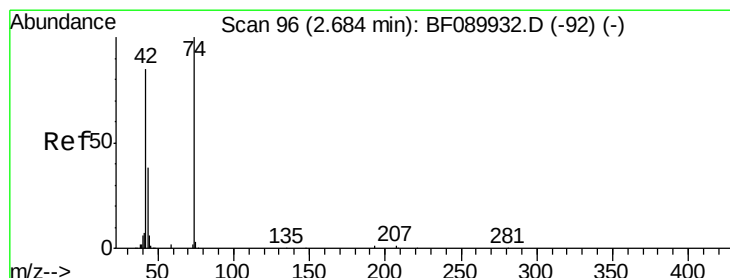
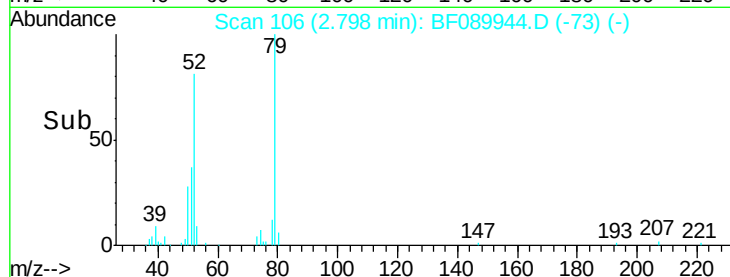
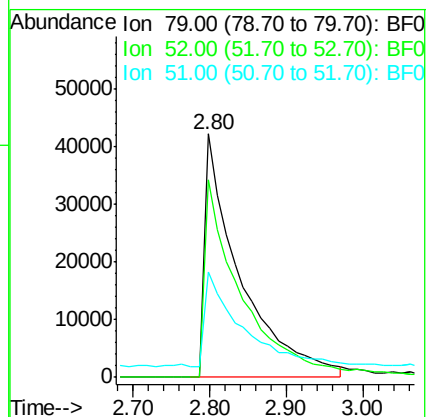
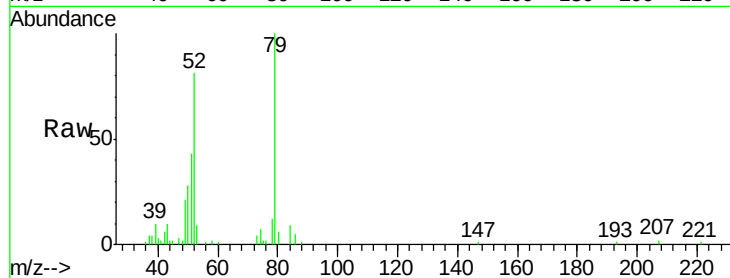
Tot Ion: 79 Resp: 133992

Ion Ratio Lower Upper

79 100

52 81.2 67.8 101.6

51 43.4 32.9 49.3



#4

n-Nitrosodimethylamine

Concen: 35.83 ng

RT: 2.73 min Scan# 100

Delta R.T. 0.05 min

Lab File: BF089944.D

Acq: 31 Aug 2016 12:19

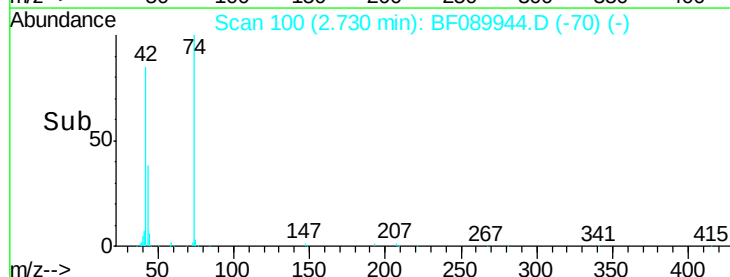
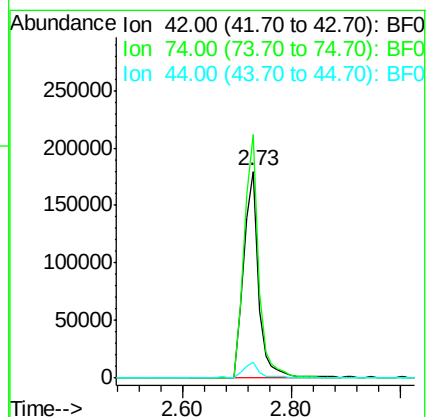
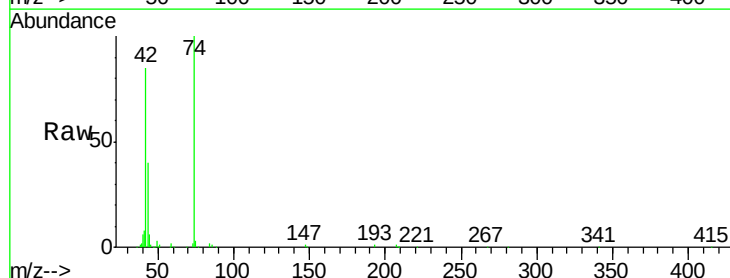
Tgt Ion: 42 Resp: 334661

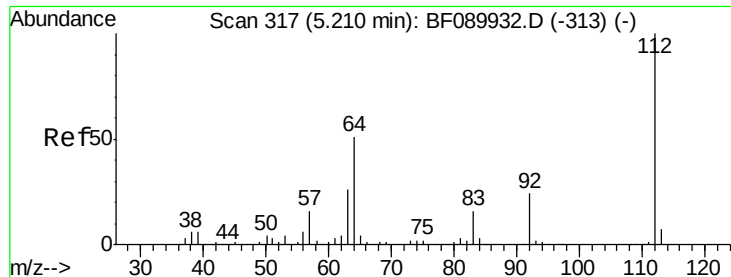
Ion Ratio Lower Upper

42 100

74 117.9 92.0 138.0

44 7.3 5.8 8.8





#5

2-Fluorophenol

Concen: 92.10 ng

RT: 5.22 min Scan# 318

Delta R.T. 0.01 min

Lab File: BF089944.D

Acq: 31 Aug 2016 12:19

Instrument :
BNA_F
ClientSampleId :

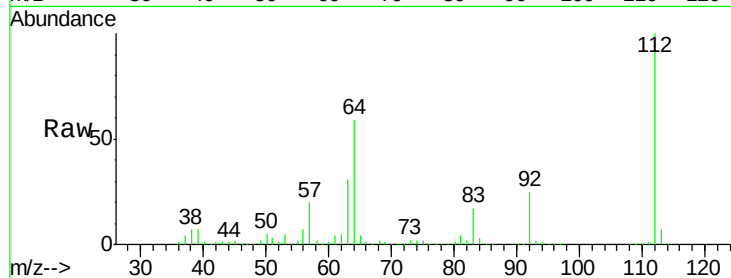
Tot Ion:112 Resp: 1380034

Ion Ratio Lower Upper

112 100

64 59.4 41.1 61.7

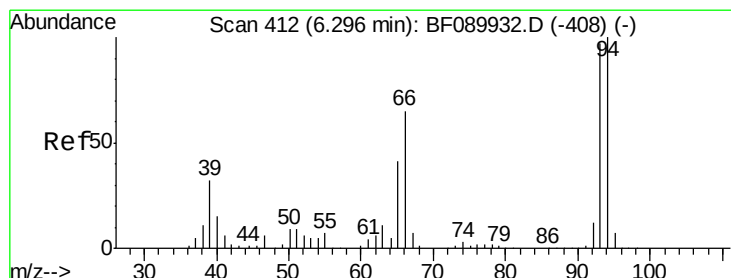
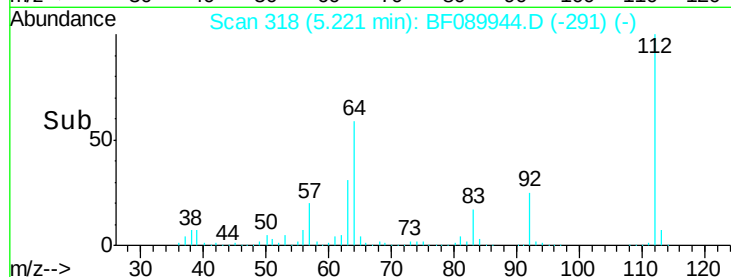
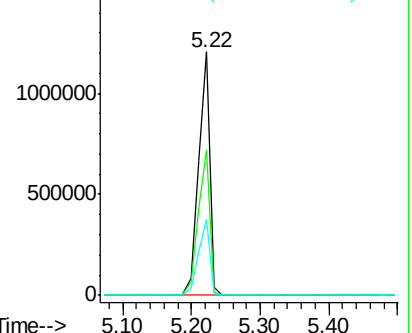
63 31.1 21.2 31.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 20.79 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF089944.D

Acq: 31 Aug 2016 12:19

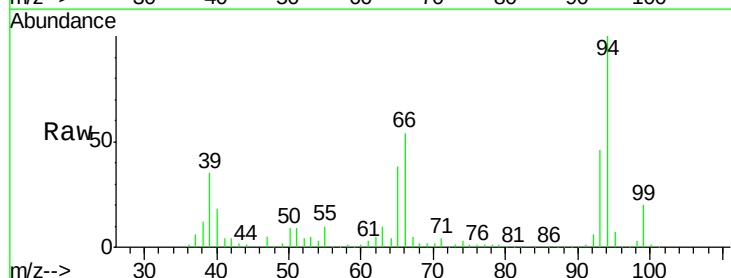
Tgt Ion: 93 Resp: 516391

Ion Ratio Lower Upper

93 100

66 116.2 52.9 79.3#

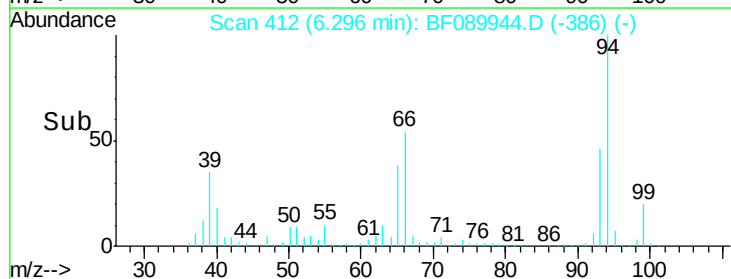
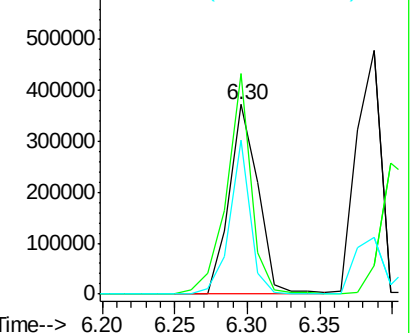
65 81.4 33.0 49.6#

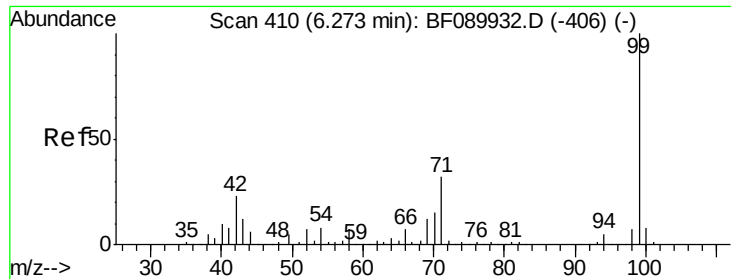


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 90.10 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF089944.D

Acq: 31 Aug 2016 12:19

Instrument :

BNA_F

ClientSampleId :

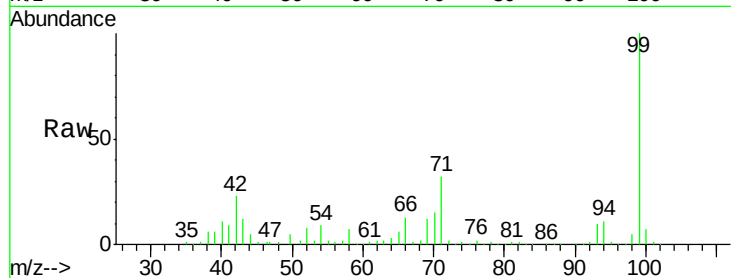
Tot Ion: 99 Resp: 1640418

Ion Ratio Lower Upper

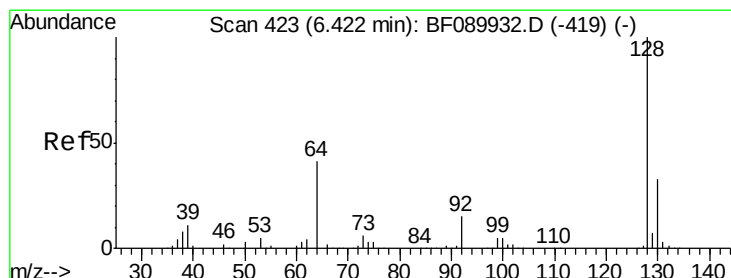
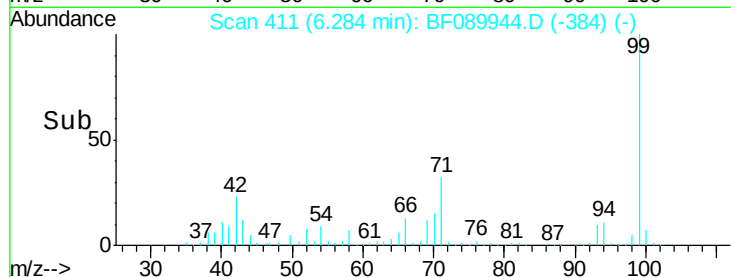
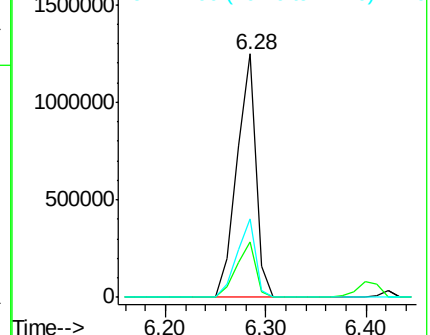
99 100

42 22.9 18.6 27.8

71 32.5 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: 34.38 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.00 min

Lab File: BF089944.D

Acq: 31 Aug 2016 12:19

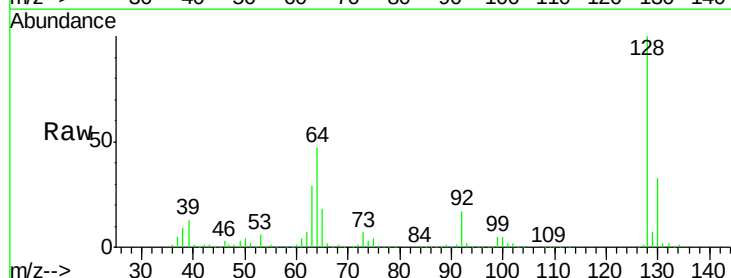
Tgt Ion: 128 Resp: 558894

Ion Ratio Lower Upper

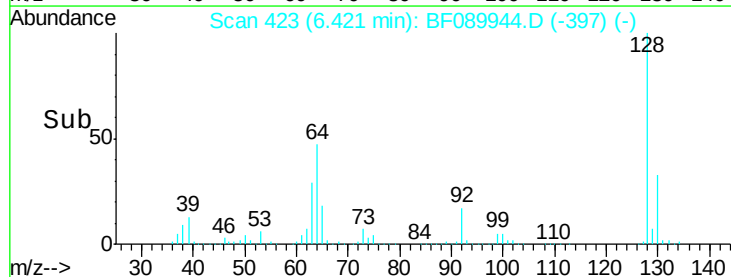
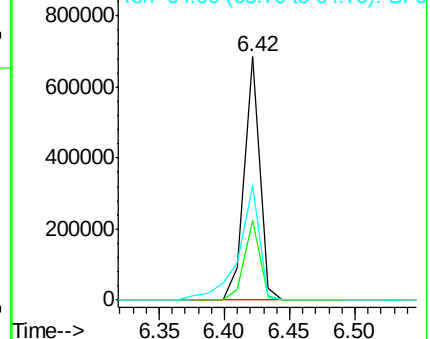
128 100

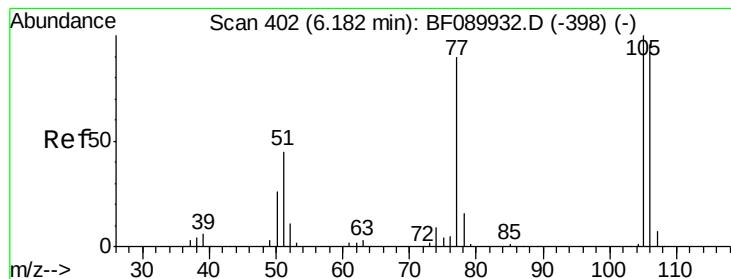
130 32.8 12.8 52.8

64 47.1 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: 10.60 ng

RT: 6.17 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF089944.D

Acq: 31 Aug 2016 12:19

Instrument :

BNA_F

ClientSampleId :

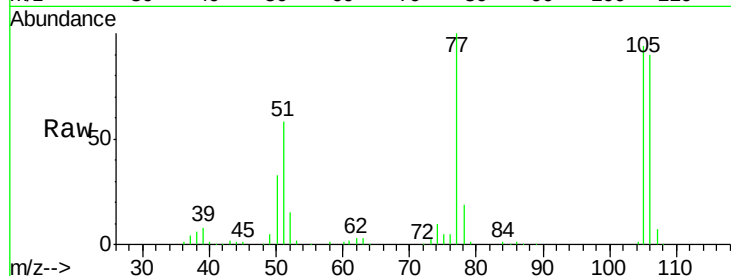
Tot Ion: 77 Resp: 124530

Ion Ratio Lower Upper

77 100

105 94.2 85.4 125.4

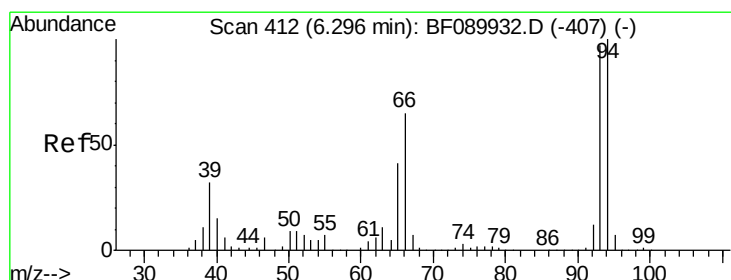
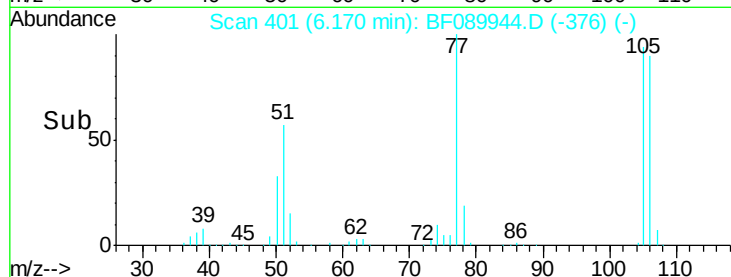
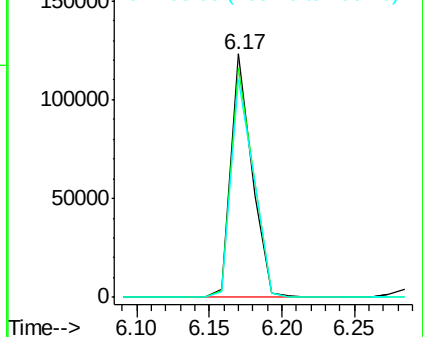
106 89.7 83.4 123.4



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 32.49 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF089944.D

Acq: 31 Aug 2016 12:19

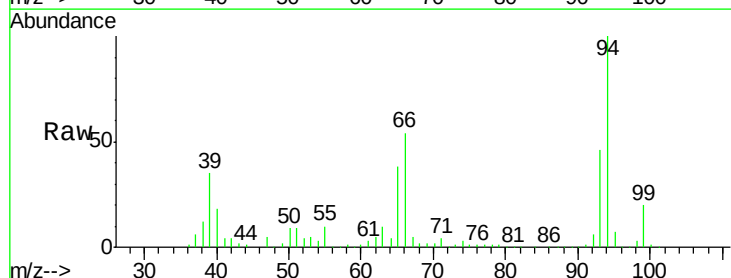
Tgt Ion: 94 Resp: 687796

Ion Ratio Lower Upper

94 100

65 37.5 23.2 63.2

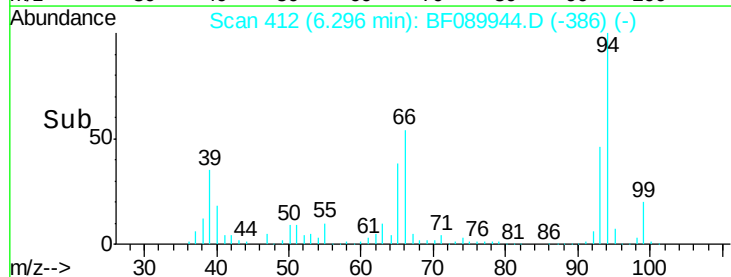
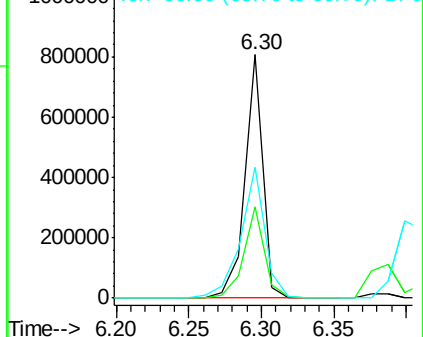
66 53.6 49.2 89.2

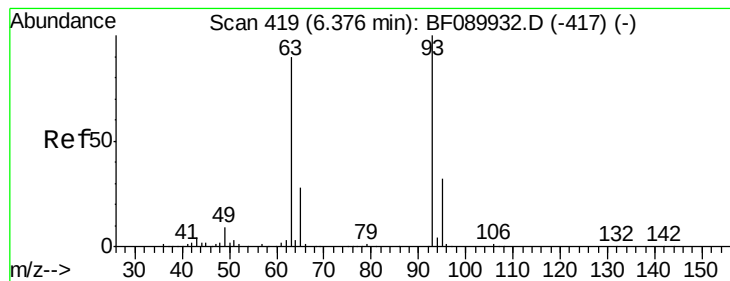


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

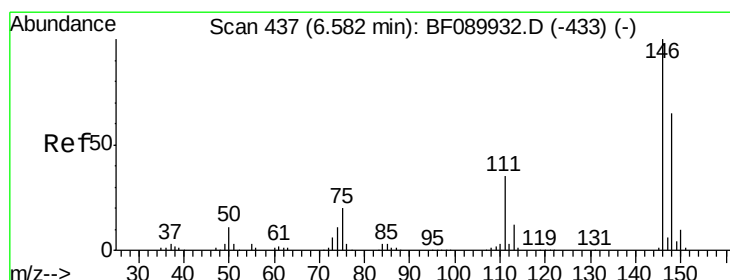
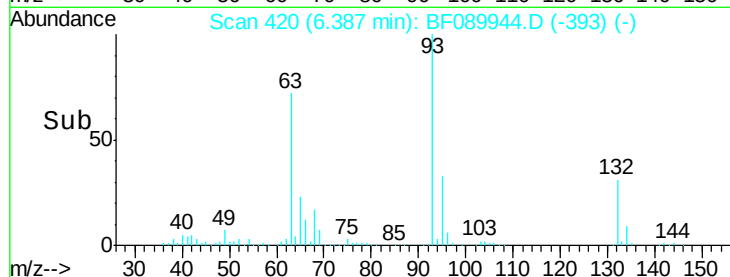
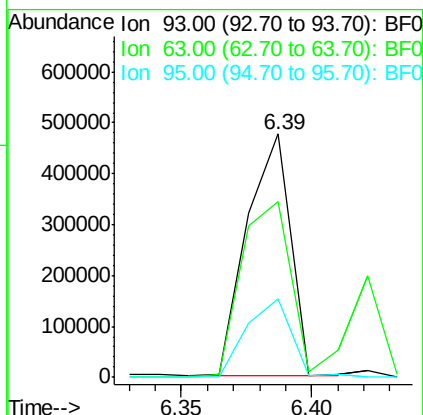
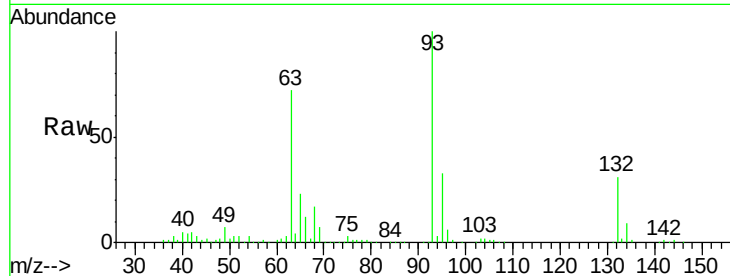




#11
 bis(2-Chloroethyl)ether
 Concen: 34.11 ng
 RT: 6.39 min Scan# 420
 Delta R.T. 0.01 min
 Lab File: BF089944.D
 Acq: 31 Aug 2016 12:19

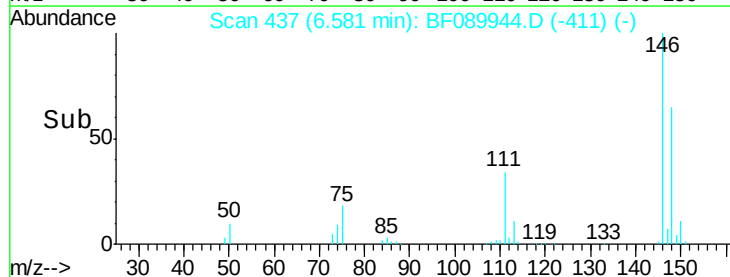
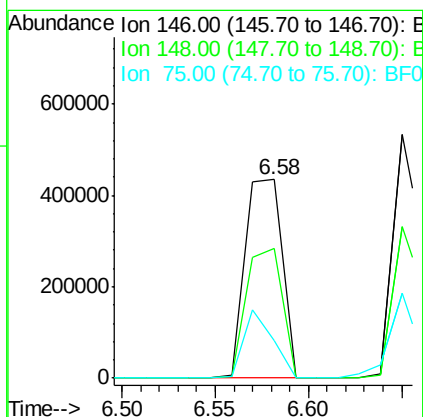
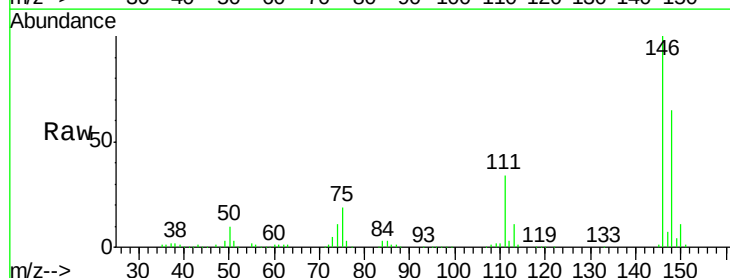
Instrument :
 BNA_F
 ClientSampleId :

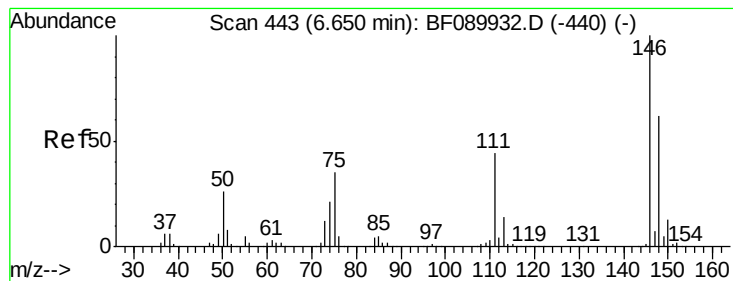
Tot Ion: 93 Resp: 546561
 Ion Ratio Lower Upper
 93 100
 63 72.1 71.1 111.1
 95 32.5 12.4 52.4



#12
 1,3-Dichlorobenzene
 Concen: 32.96 ng
 RT: 6.58 min Scan# 437
 Delta R.T. -0.00 min
 Lab File: BF089944.D
 Acq: 31 Aug 2016 12:19

Tgt Ion: 146 Resp: 598452
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.5 78.7
 75 19.0 16.6 24.8





#13

1,4-Dichlorobenzene

Concen: 31.25 ng

RT: 6.65 min Scan# 443

Delta R.T. -0.00 min

Lab File: BF089944.D

Acq: 31 Aug 2016 12:19

Instrument :

BNA_F

ClientSampleId :

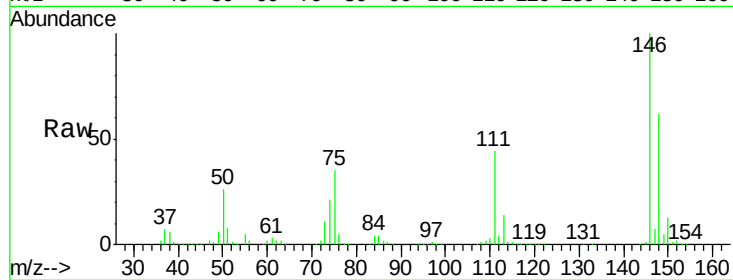
Tot Ion:146 Resp: 580524

Ion Ratio Lower Upper

146 100

148 62.4 50.1 75.1

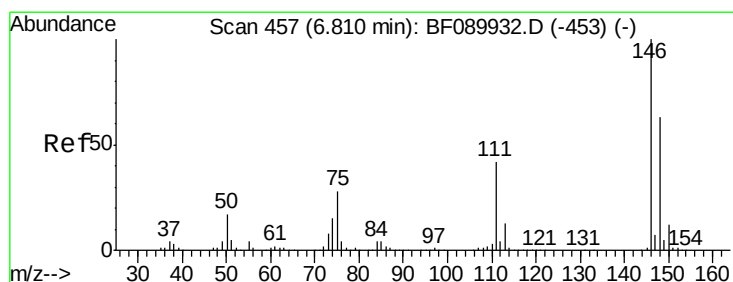
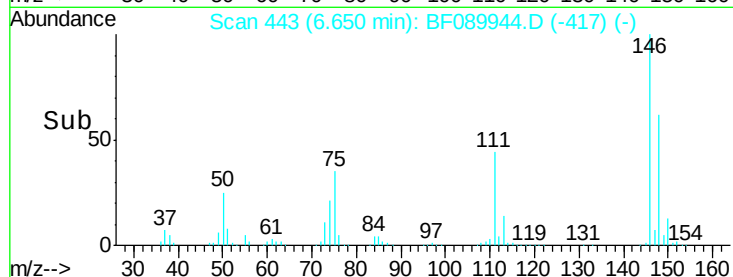
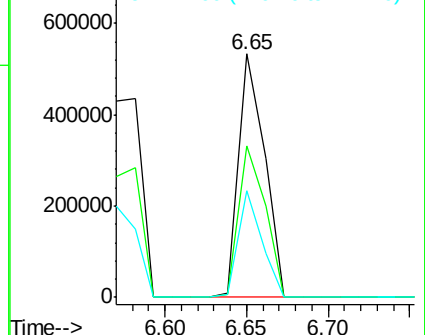
111 43.9 35.8 53.6



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: 36.02 ng

RT: 6.81 min Scan# 457

Delta R.T. -0.00 min

Lab File: BF089944.D

Acq: 31 Aug 2016 12:19

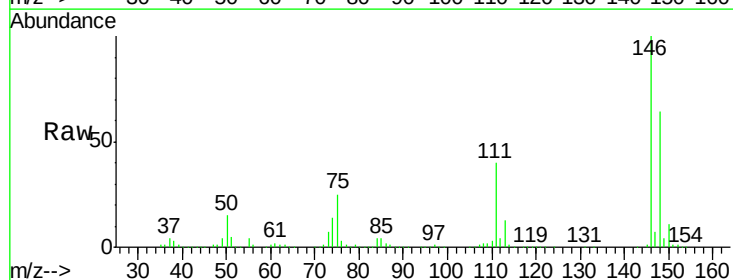
Tgt Ion:146 Resp: 599811

Ion Ratio Lower Upper

146 100

148 63.8 51.4 77.2

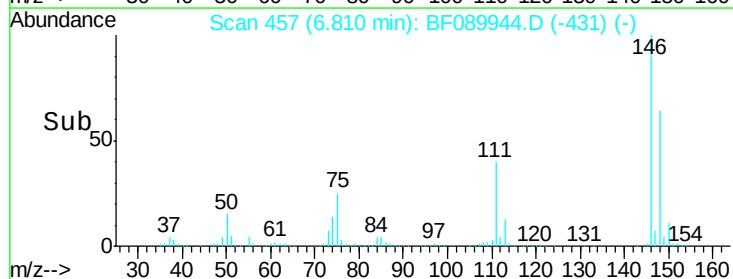
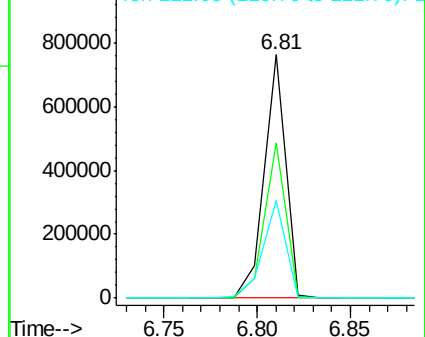
111 40.4 34.6 51.8

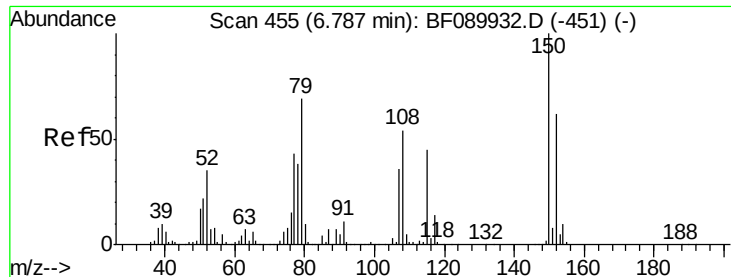


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.53 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.00 min

Lab File: BF089944.D

Acq: 31 Aug 2016 12:19

Instrument :

BNA_F

ClientSampleId :

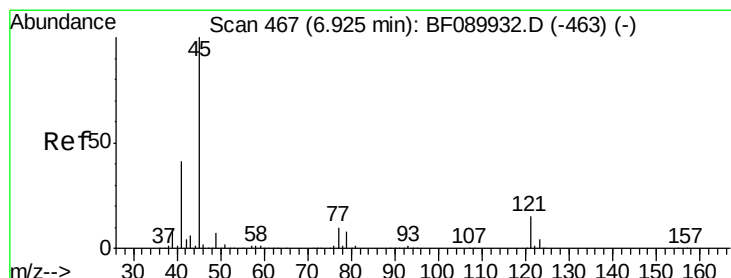
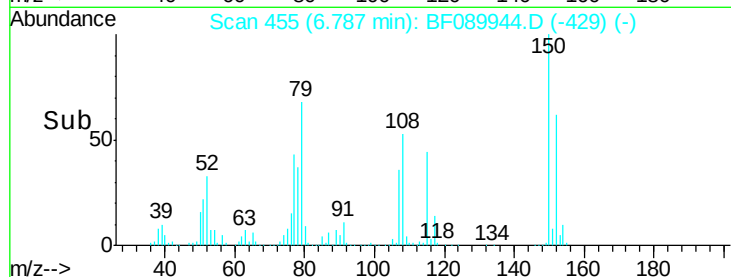
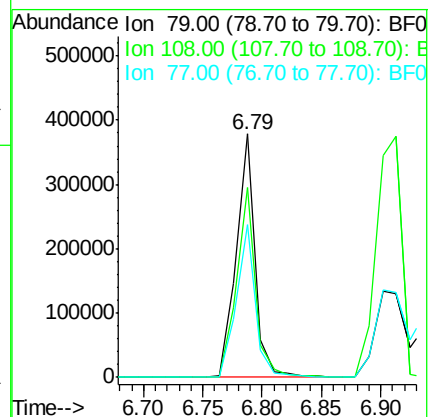
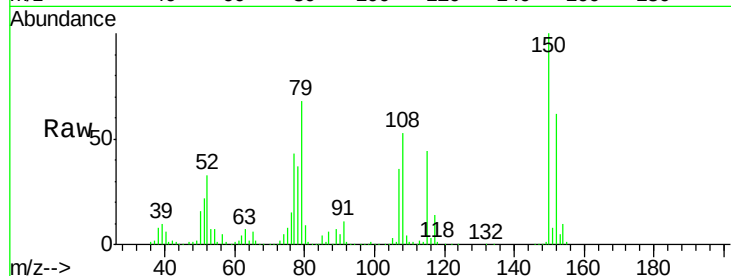
Tot Ion: 79 Resp: 416696

Ion Ratio Lower Upper

79 100

108 78.0 62.1 93.1

77 62.6 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.31 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.01 min

Lab File: BF089944.D

Acq: 31 Aug 2016 12:19

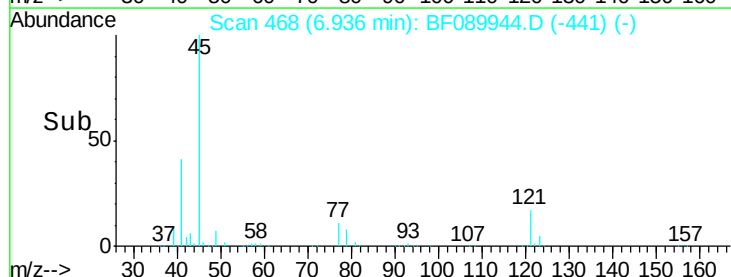
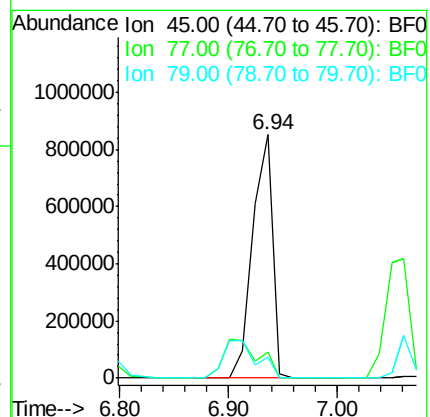
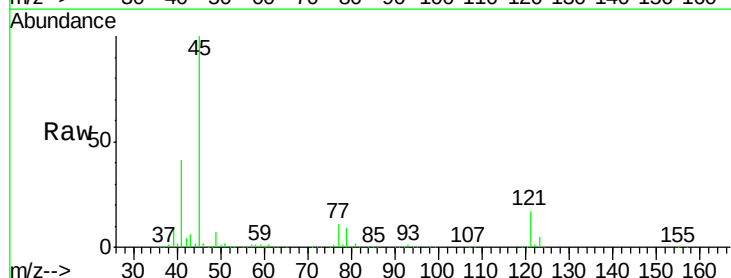
Tgt Ion: 45 Resp: 1078663

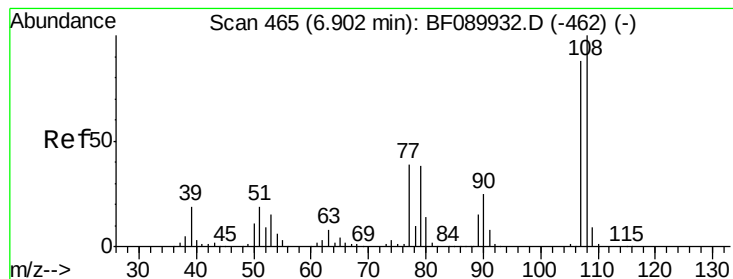
Ion Ratio Lower Upper

45 100

77 10.9 0.0 30.3

79 8.7 0.0 27.5

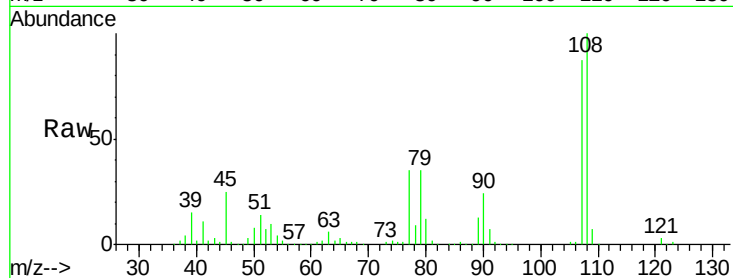




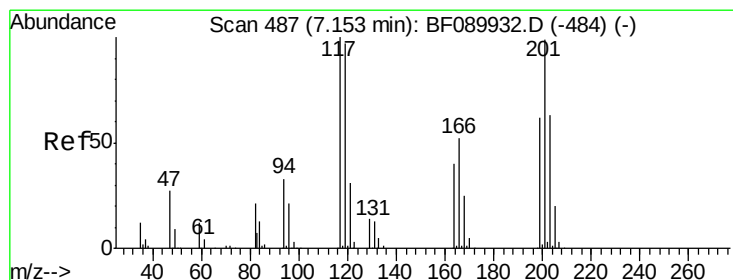
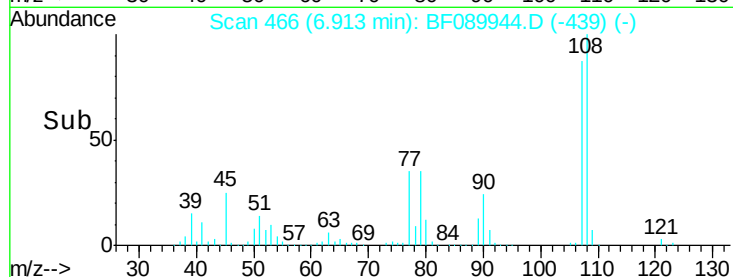
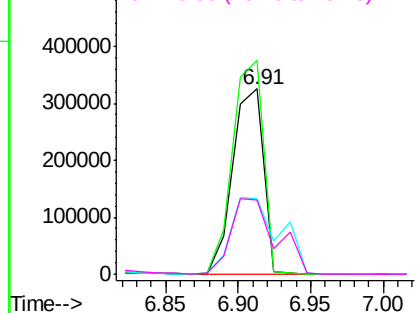
#17
2-Methylphenol
Concen: 36.88 ng
RT: 6.91 min Scan# 466
Delta R.T. 0.01 min
Lab File: BF089944.D
Acq: 31 Aug 2016 12:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 478807
Ion Ratio Lower Upper
107 100
108 115.2 91.8 137.6
77 40.8 36.0 54.0
79 40.2 35.9 53.9

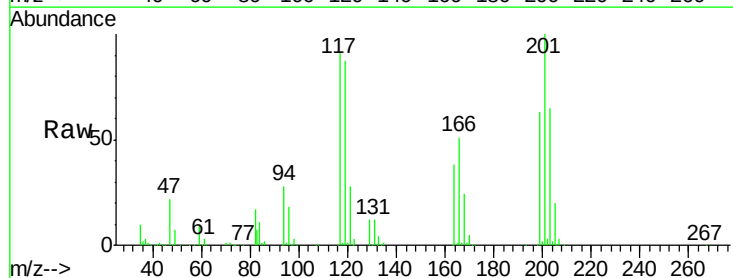


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

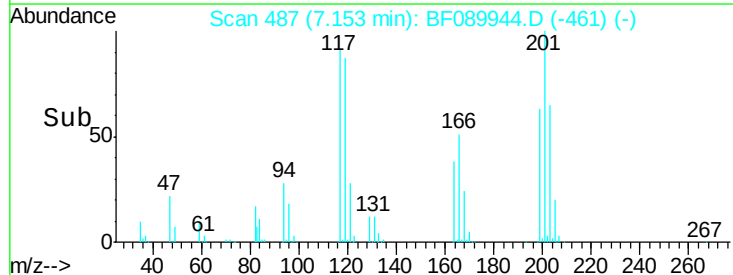
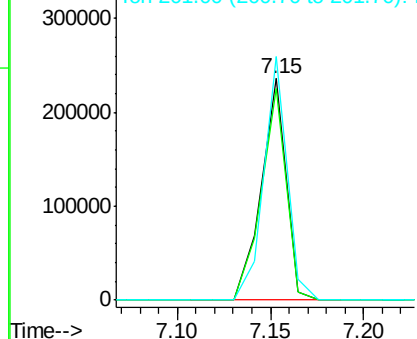


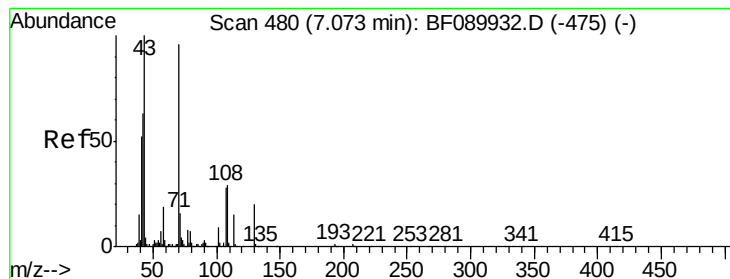
#18
Hexachloroethane
Concen: 33.87 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.00 min
Lab File: BF089944.D
Acq: 31 Aug 2016 12:19

Tgt Ion:117 Resp: 215496
Ion Ratio Lower Upper
117 100
119 95.4 76.2 114.2
201 109.8 80.2 120.2



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 35.73 ng

RT: 7.07 min Scan# 480

Delta R.T. -0.00 min

Lab File: BF089944.D

Acq: 31 Aug 2016 12:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 423934

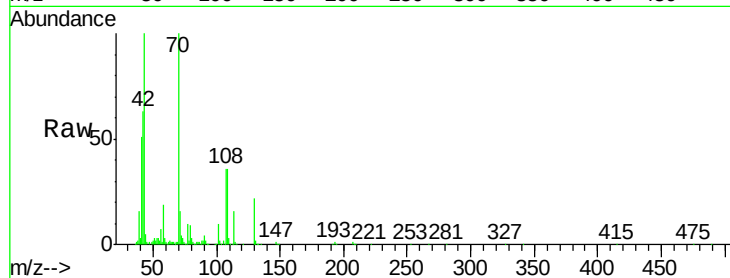
Ion Ratio Lower Upper

70 100

42 63.7 52.1 78.1

101 9.9 7.4 11.2

130 22.3 17.0 25.4

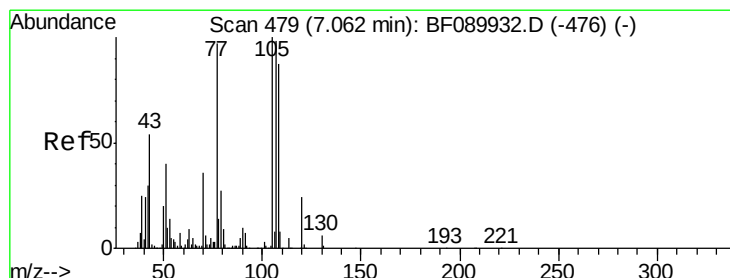
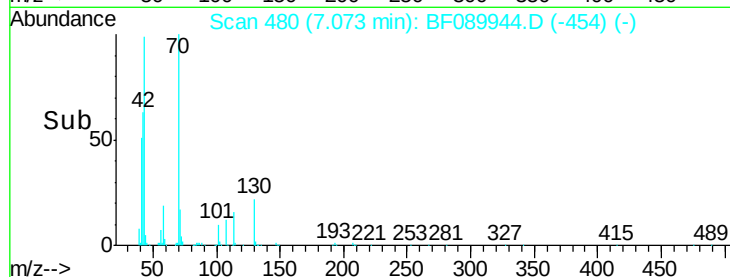
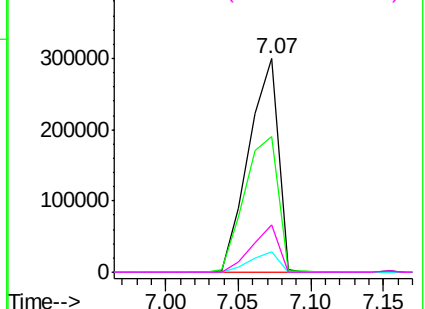


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 31.36 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BF089944.D

Acq: 31 Aug 2016 12:19

Tgt Ion:107 Resp: 493459

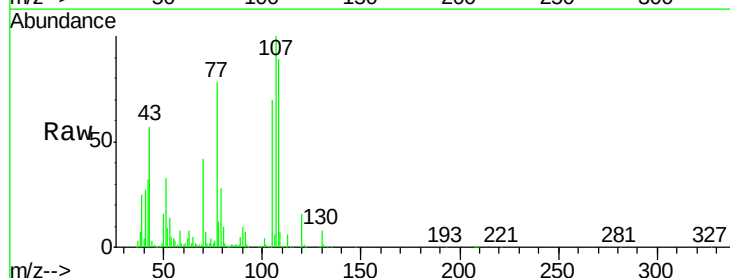
Ion Ratio Lower Upper

107 100

108 89.0 70.2 110.2

77 78.2 75.7 115.7

79 27.9 7.0 47.0

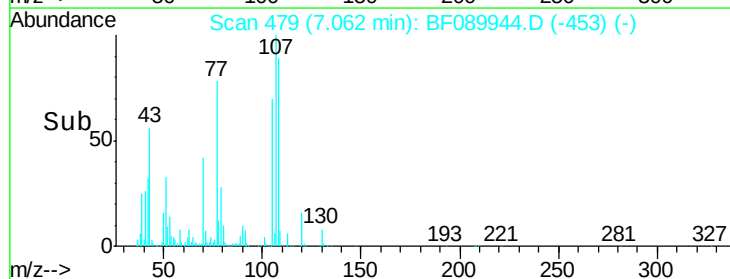
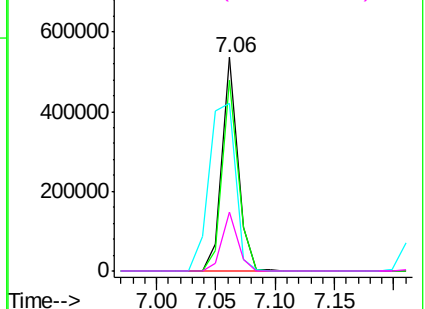


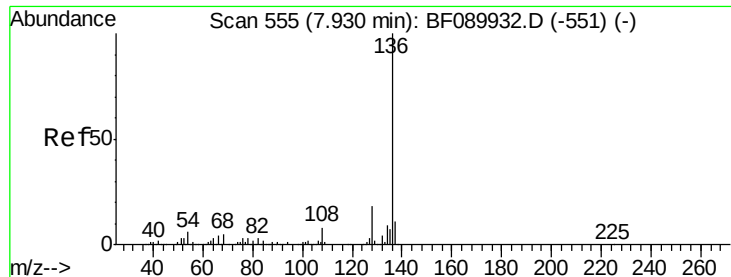
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

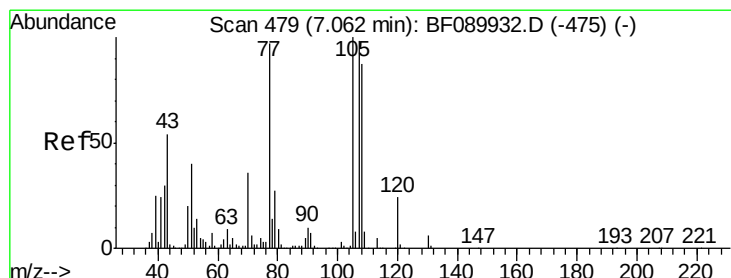
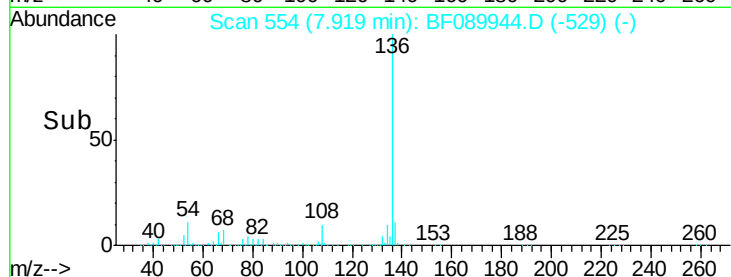
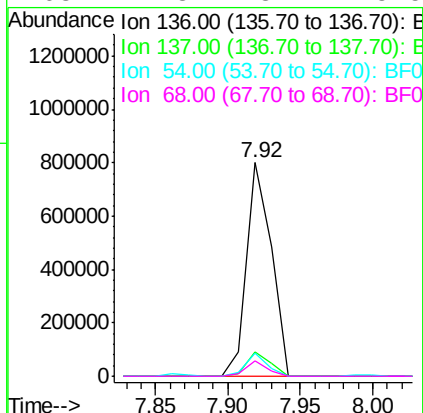
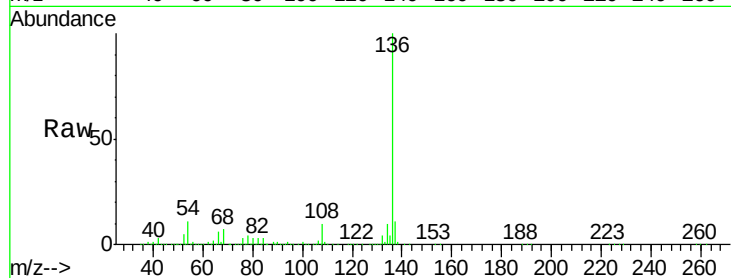




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF089944.D
Acq: 31 Aug 2016 12:19

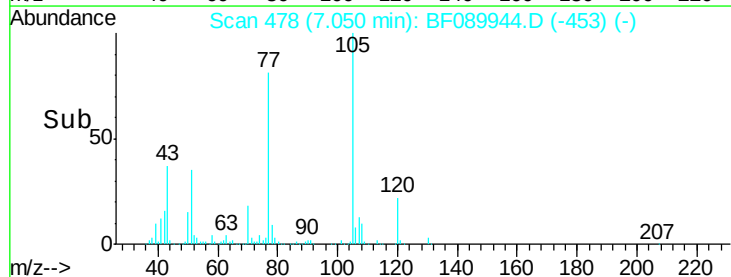
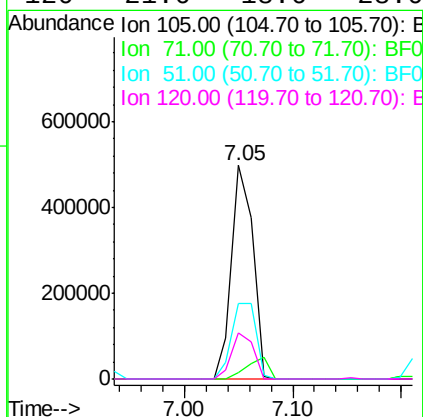
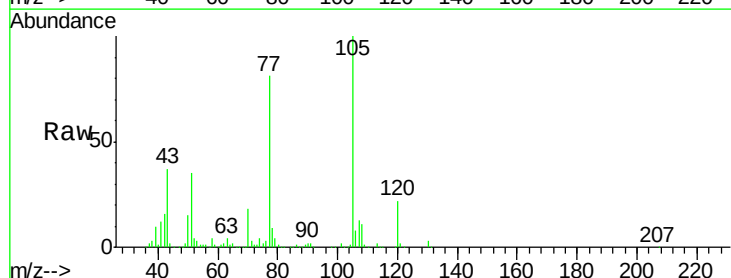
Instrument :
BNA_F
ClientSampleId :

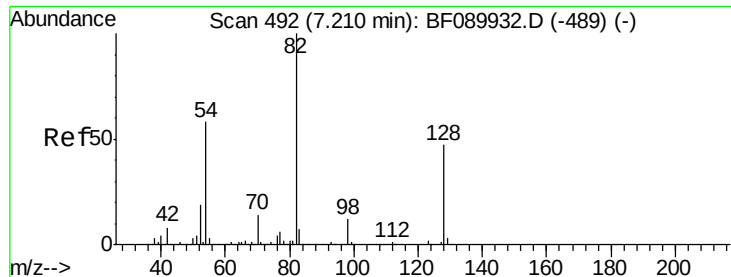
Tot Ion:136	Resp:	947713
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.3 12.5
54	10.8	4.8 7.2#
68	7.3	3.7 5.5#



#22
Acetophenone
Concen: 31.52 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF089944.D
Acq: 31 Aug 2016 12:19

Tgt Ion:105	Resp:	670125
Ion	Ratio	Lower Upper
105	100	
71	3.1	5.3 7.9#
51	35.1	32.6 48.8
120	21.6	18.6 28.0





#23

Nitrobenzene-d5

Concen: 67.32 ng

RT: 7.21 min Scan# 492

Delta R.T. -0.00 min

Lab File: BF089944.D

Acq: 31 Aug 2016 12:19

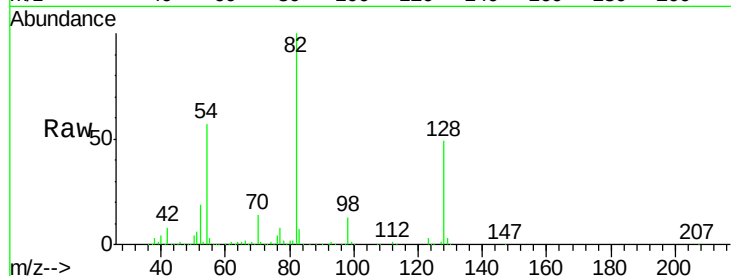
Instrument :

BNA_F

ClientSampled :

Tot Ion: 82 Resp: 1100048

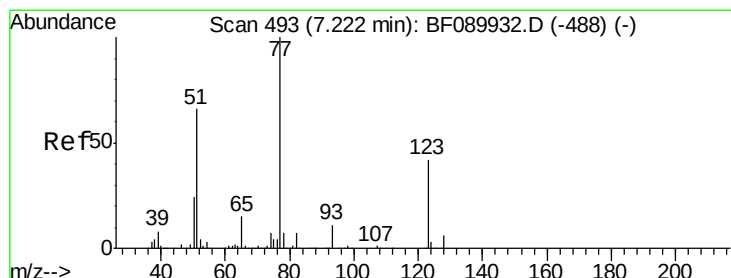
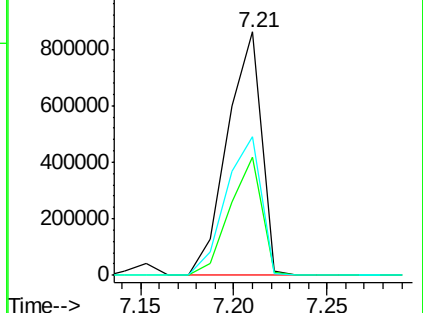
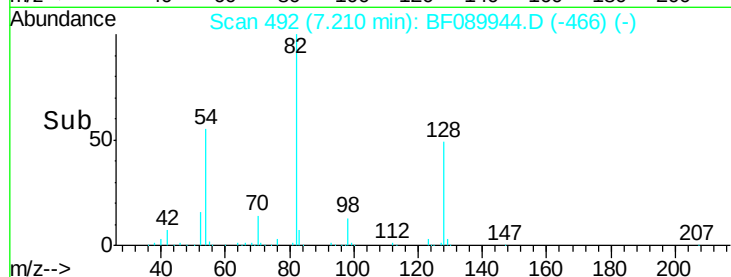
Ion	Ratio	Lower	Upper
82	100		
128	48.7	37.8	56.8
54	56.8	46.9	70.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 30.88 ng

RT: 7.22 min Scan# 493

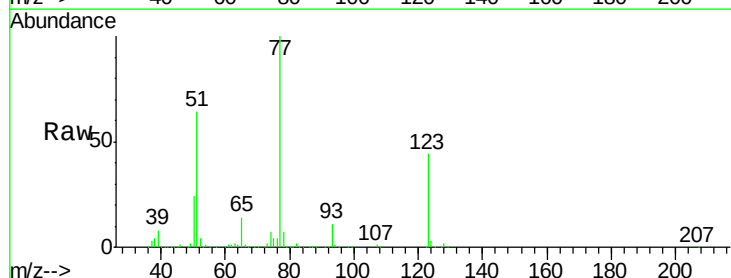
Delta R.T. -0.00 min

Lab File: BF089944.D

Acq: 31 Aug 2016 12:19

Tgt Ion: 77 Resp: 536464

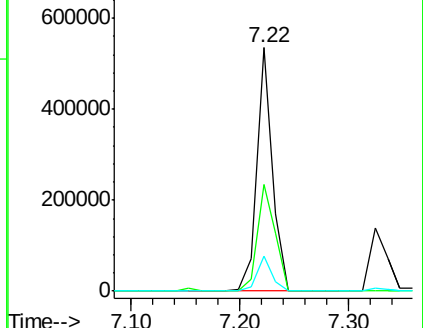
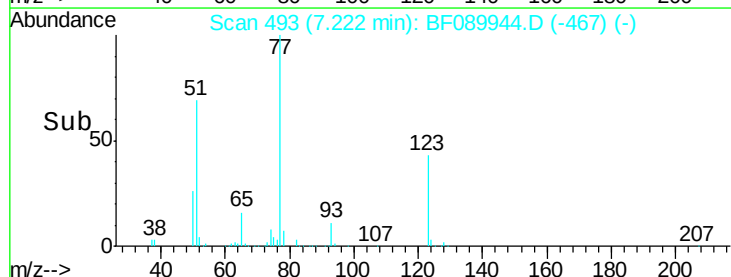
Ion	Ratio	Lower	Upper
77	100		
123	43.6	32.0	48.0
65	14.4	11.2	16.8

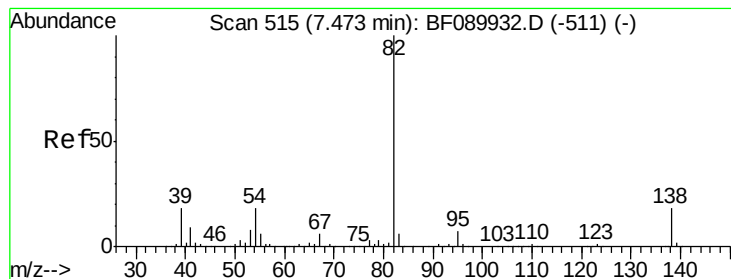


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 34.15 ng

RT: 7.47 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF089944.D

Acq: 31 Aug 2016 12:19

Instrument :

BNA_F

ClientSampleId :

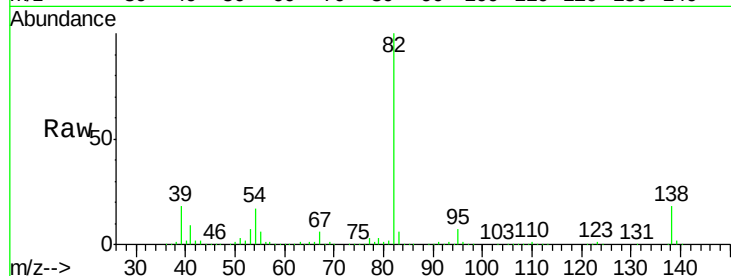
Tot Ion: 82 Resp: 1134772

Ion Ratio Lower Upper

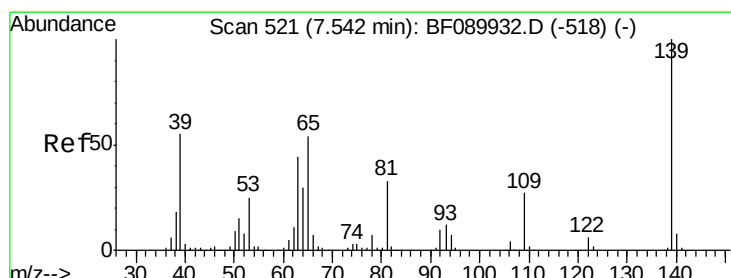
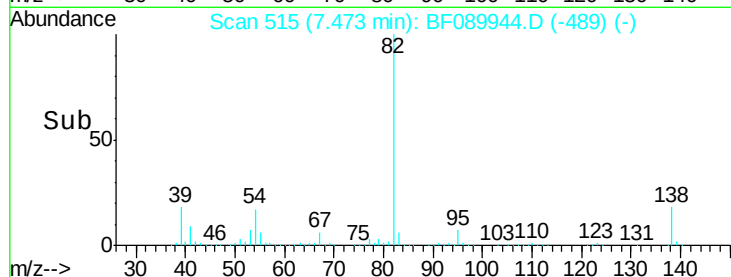
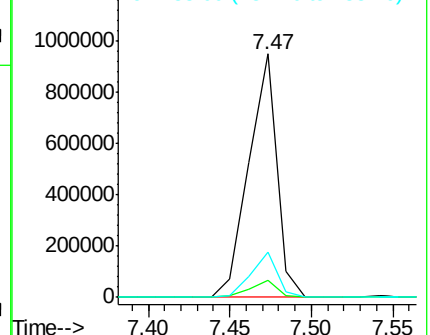
82 100

95 6.8 5.5 8.3

138 18.5 14.4 21.6



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 35.98 ng

RT: 7.54 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF089944.D

Acq: 31 Aug 2016 12:19

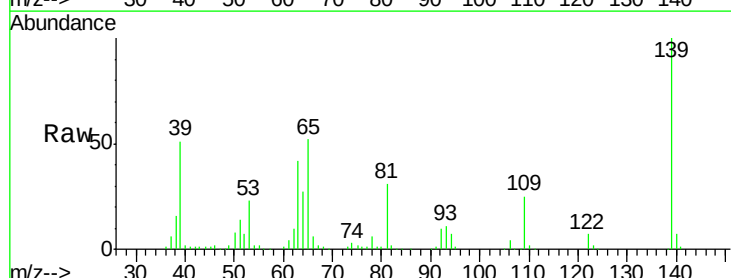
Tgt Ion: 139 Resp: 298810

Ion Ratio Lower Upper

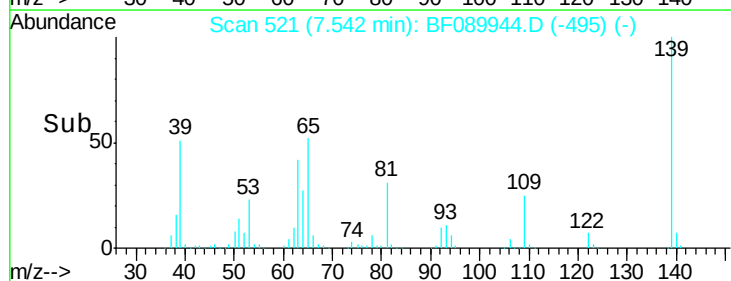
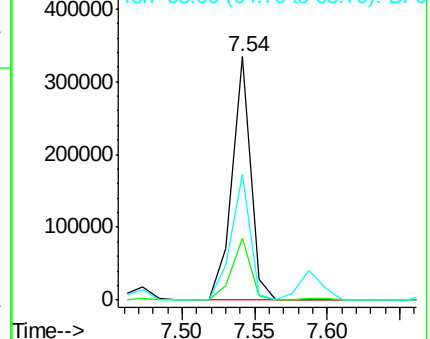
139 100

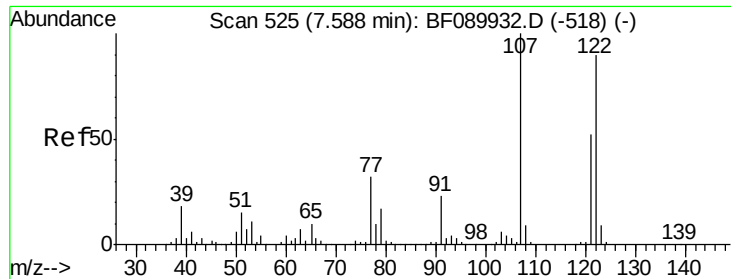
109 25.3 21.0 31.4

65 51.6 43.4 65.0



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





#27

2,4-Dimethylphenol

Concen: 33.78 ng

RT: 7.59 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF089944.D

Acq: 31 Aug 2016 12:19

Instrument :

BNA_F

ClientSampleId :

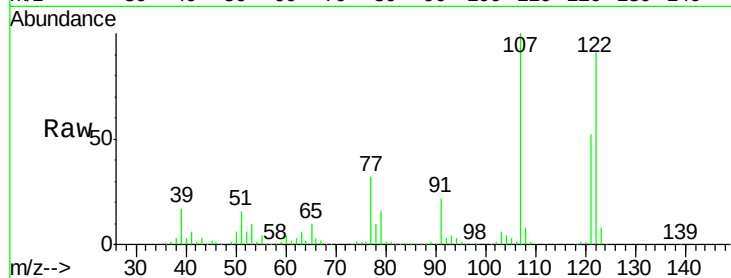
Tot Ion:122 Resp: 518880

Ion Ratio Lower Upper

122 100

107 109.5 88.5 132.7

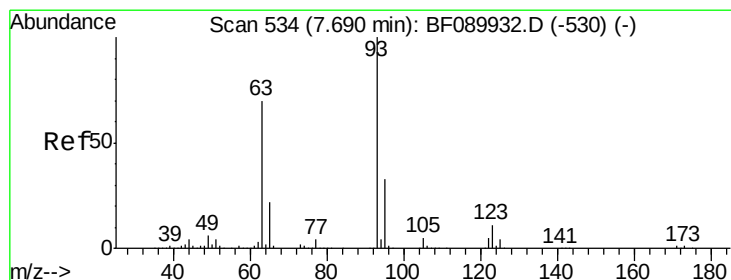
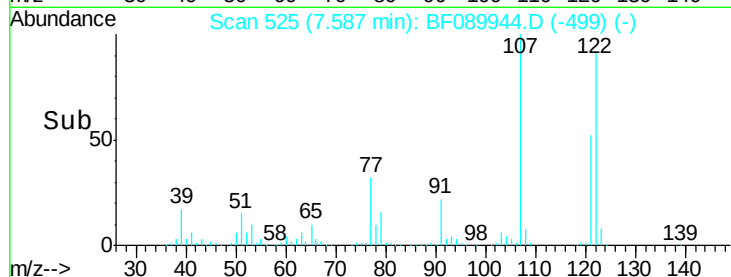
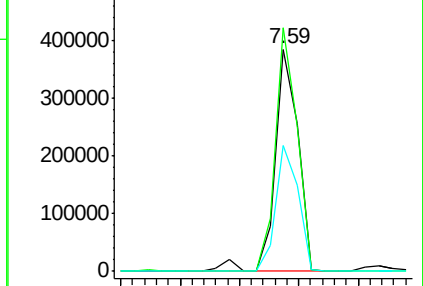
121 56.6 46.0 69.0



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: 37.99 ng

RT: 7.69 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF089944.D

Acq: 31 Aug 2016 12:19

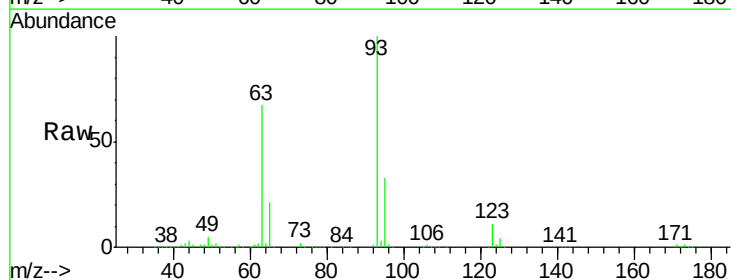
Tgt Ion: 93 Resp: 761388

Ion Ratio Lower Upper

93 100

95 32.7 26.6 40.0

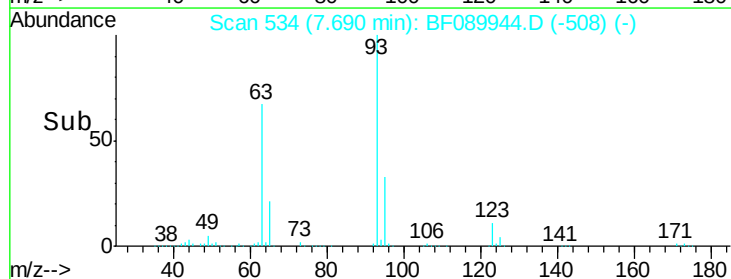
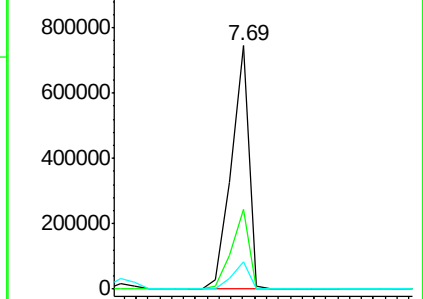
123 11.1 9.1 13.7

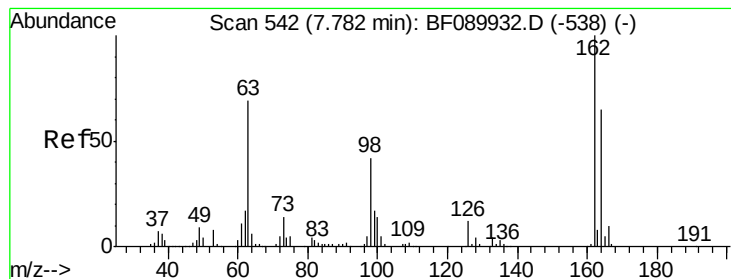


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 33.79 ng

RT: 7.78 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF089944.D

Acq: 31 Aug 2016 12:19

Instrument :

BNA_F

ClientSampleId :

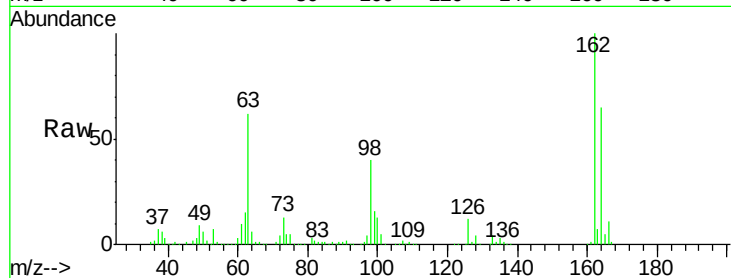
Tot Ion:162 Resp: 465307

Ion Ratio Lower Upper

162 100

164 65.3 46.6 86.6

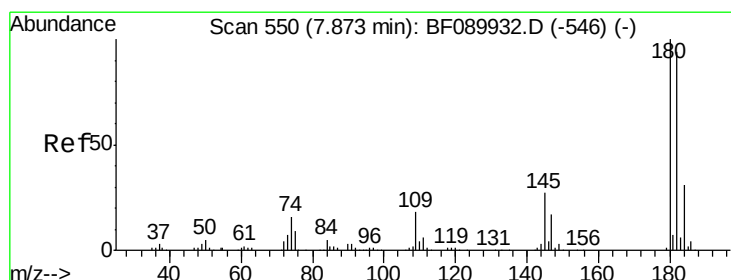
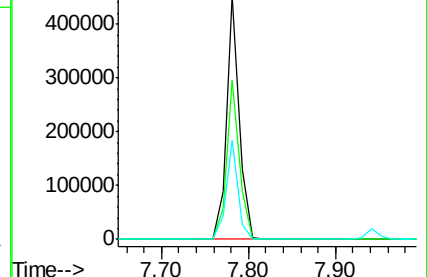
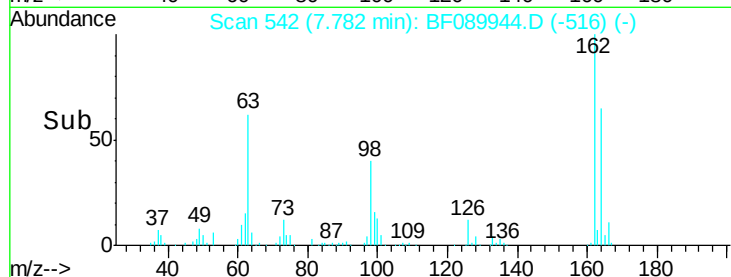
98 40.5 22.0 62.0



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: 34.56 ng

RT: 7.86 min Scan# 549

Delta R.T. -0.01 min

Lab File: BF089944.D

Acq: 31 Aug 2016 12:19

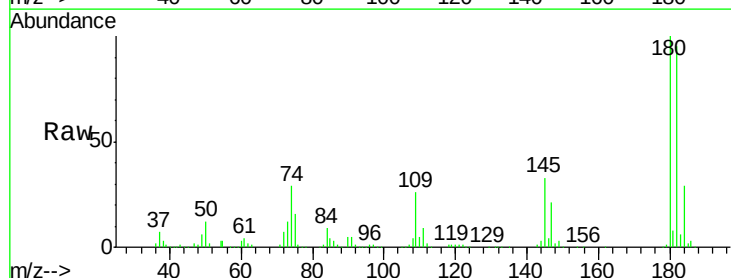
Tgt Ion:180 Resp: 520287

Ion Ratio Lower Upper

180 100

182 95.1 76.2 114.2

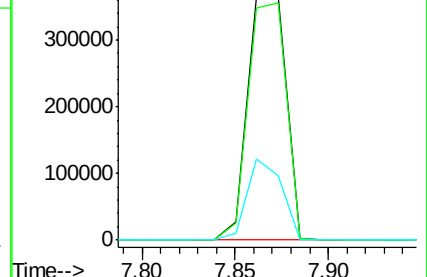
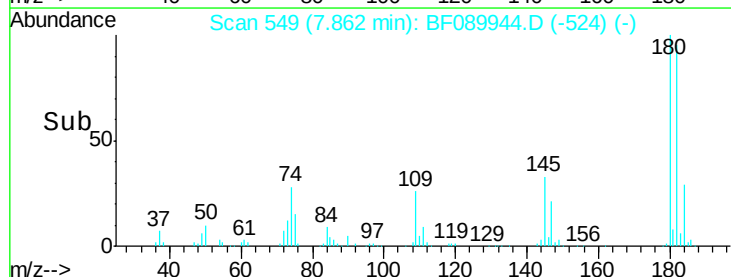
145 33.1 22.2 33.4

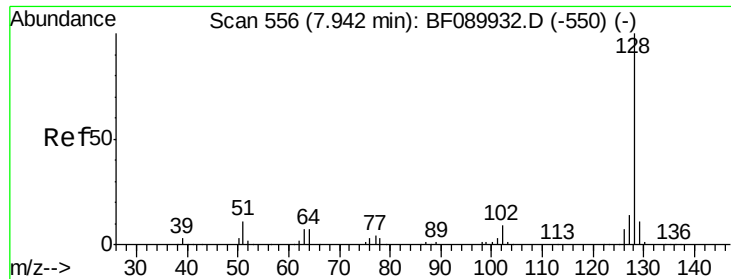


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 30.92 ng

RT: 7.94 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF089944.D

Acq: 31 Aug 2016 12:19

Instrument :

BNA_F

ClientSampleId :

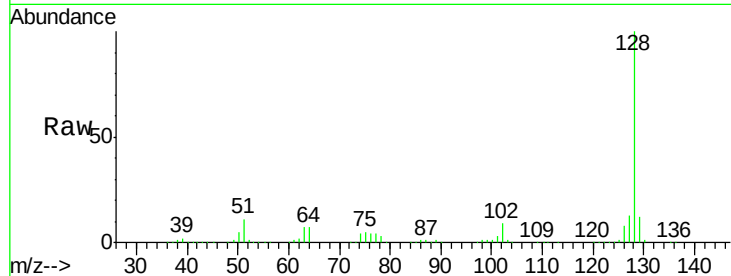
Tot Ion:128 Resp: 1459848

Ion Ratio Lower Upper

128 100

129 11.7 9.4 14.0

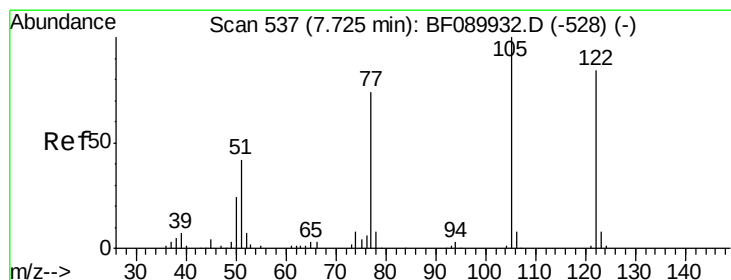
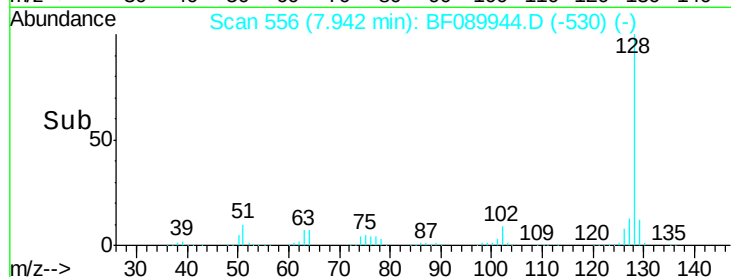
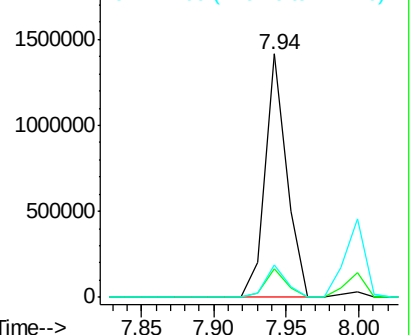
127 13.4 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 2.21 ng

RT: 7.67 min Scan# 532

Delta R.T. -0.06 min

Lab File: BF089944.D

Acq: 31 Aug 2016 12:19

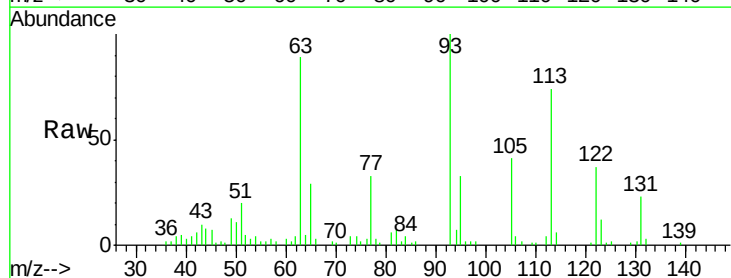
Tgt Ion:122 Resp: 22855

Ion Ratio Lower Upper

122 100

105 110.1 102.2 142.2

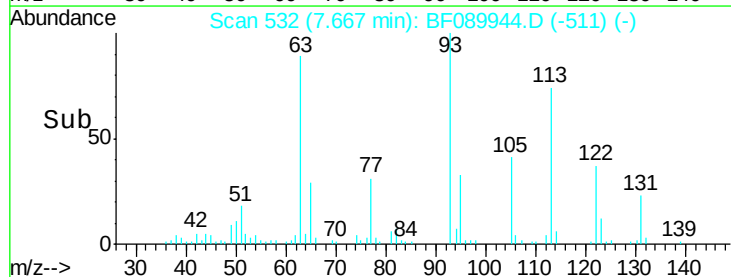
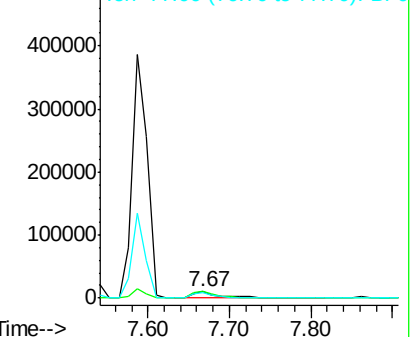
77 88.6 74.1 114.1

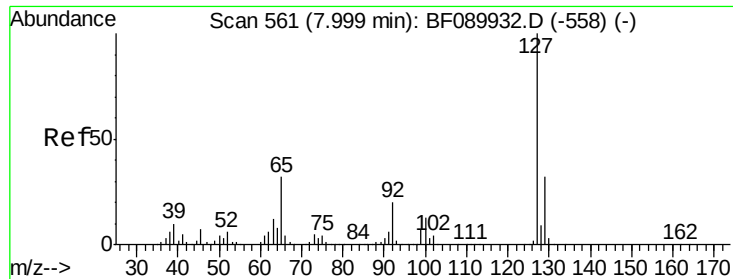


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

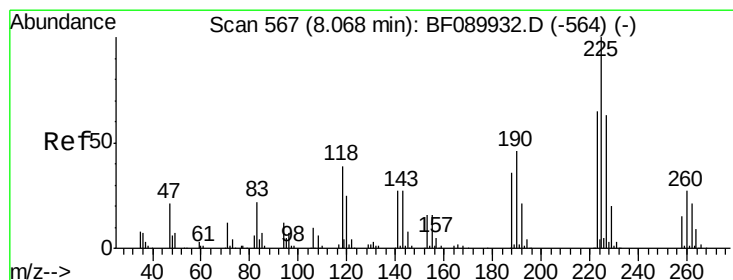
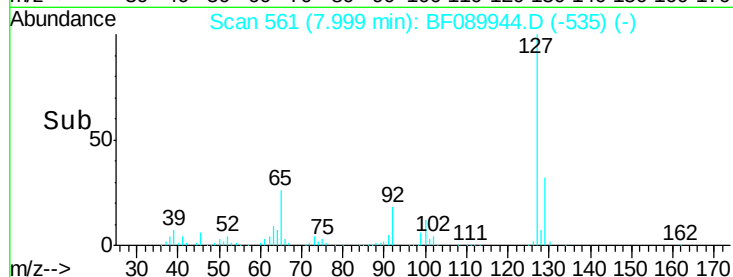
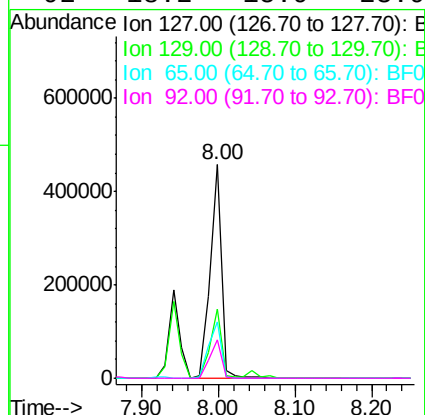
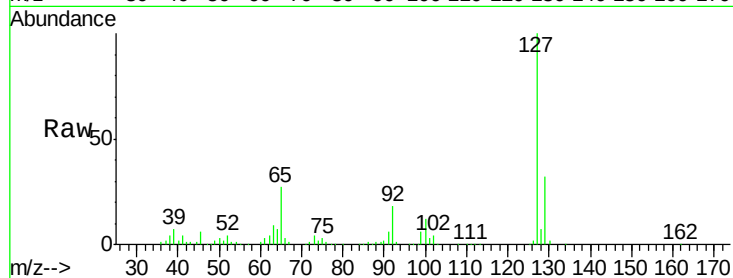




#33
4-Chloroaniline
Concen: 24.14 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.00 min
Lab File: BF089944.D
Acq: 31 Aug 2016 12:19

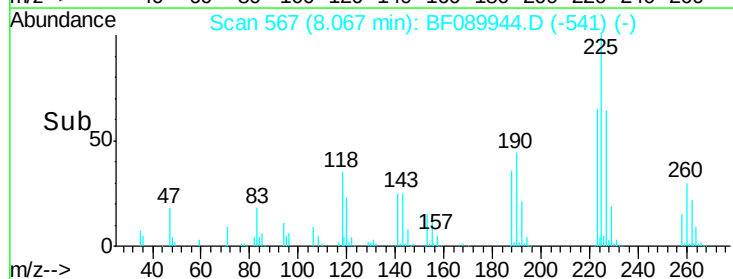
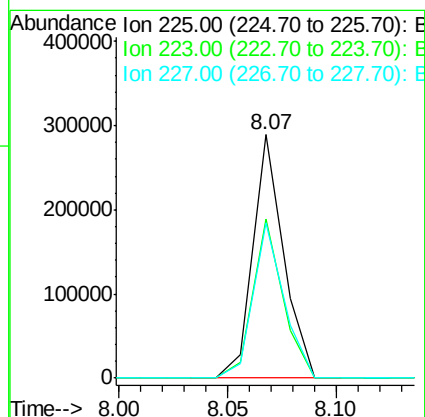
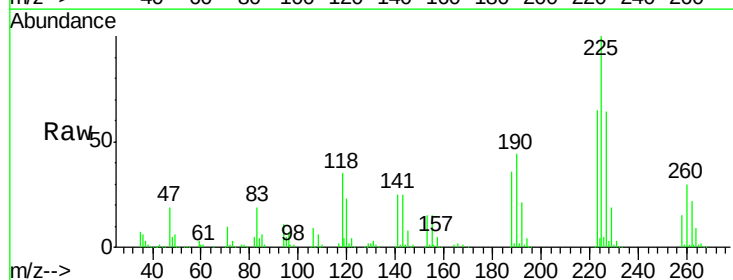
Instrument :
BNA_F
ClientSampleId :

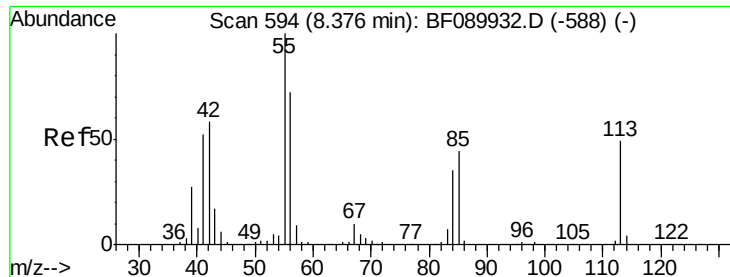
Tot Ion:	127	Resp:	459885
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9
65	26.6	26.0	39.0
92	18.2	15.9	23.9



#34
Hexachlorobutadiene
Concen: 32.02 ng
RT: 8.07 min Scan# 567
Delta R.T. -0.00 min
Lab File: BF089944.D
Acq: 31 Aug 2016 12:19

Tgt Ion:	225	Resp:	282517
Ion	Ratio	Lower	Upper
225	100		
223	65.2	52.6	78.8
227	63.9	50.8	76.2

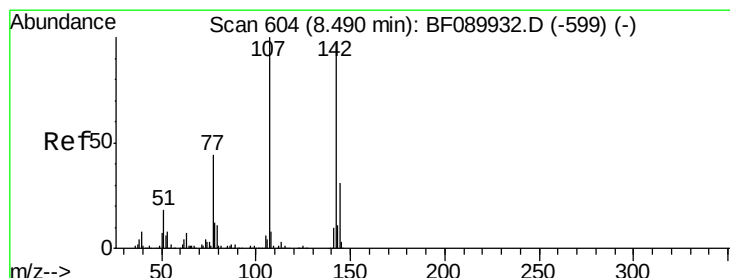
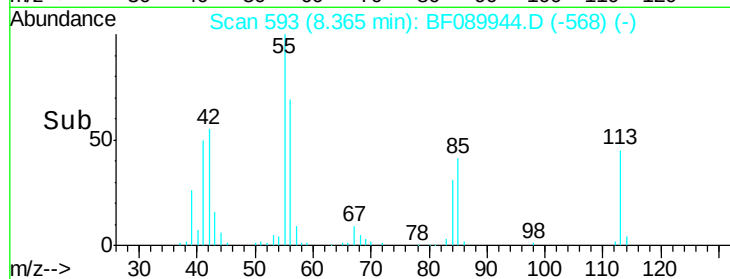
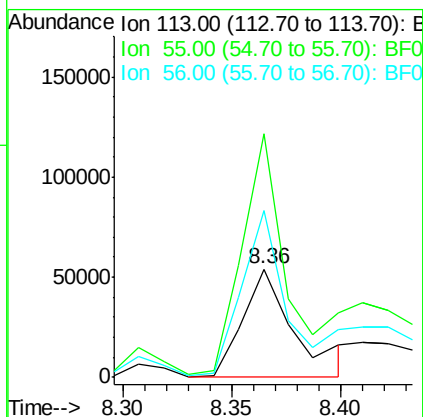
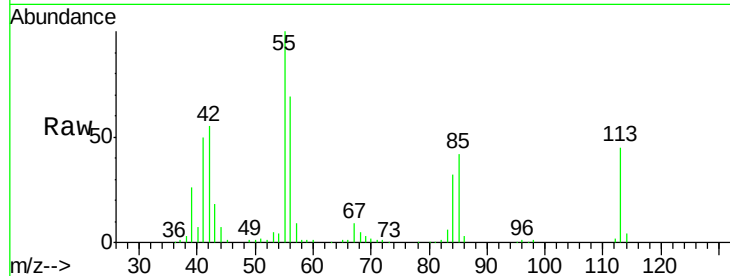




#35
Caprolactam
Concen: 20.31 ng
RT: 8.36 min Scan# 593
Delta R.T. -0.01 min
Lab File: BF089944.D
Acq: 31 Aug 2016 12:19

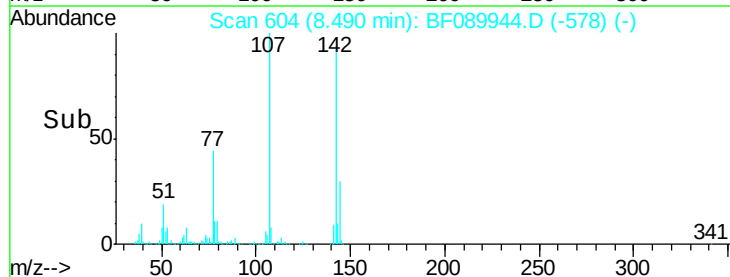
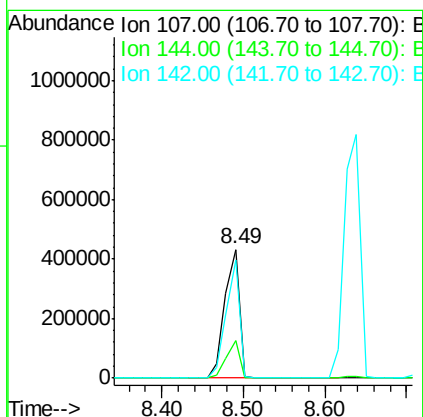
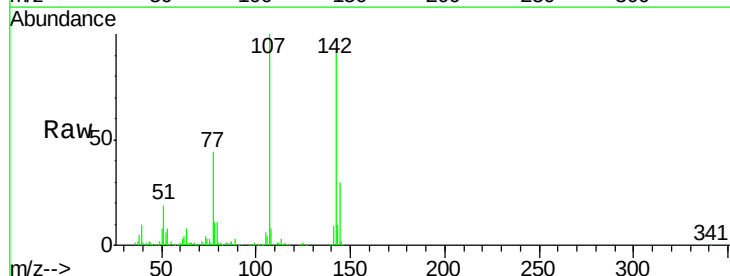
Instrument :
BNA_F
ClientSampleId :

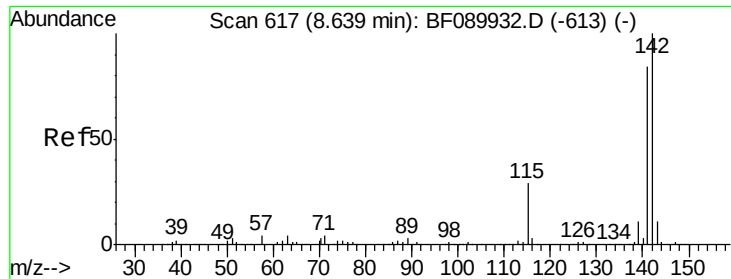
Tot Ion:113 Resp: 88290
Ion Ratio Lower Upper
113 100
55 224.4 178.5 218.5#
56 153.9 122.7 162.7



#36
4-Chloro-3-methylphenol
Concen: 36.74 ng
RT: 8.49 min Scan# 604
Delta R.T. -0.00 min
Lab File: BF089944.D
Acq: 31 Aug 2016 12:19

Tgt Ion:107 Resp: 535851
Ion Ratio Lower Upper
107 100
144 29.6 25.8 38.8
142 92.1 79.2 118.8

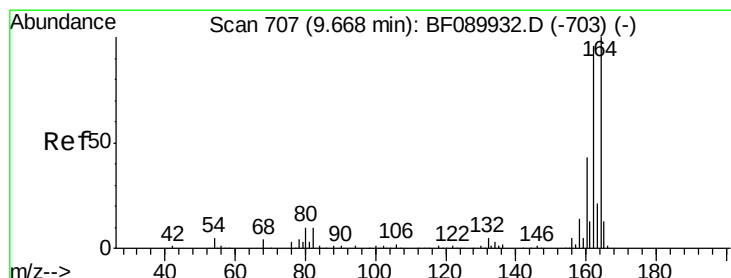
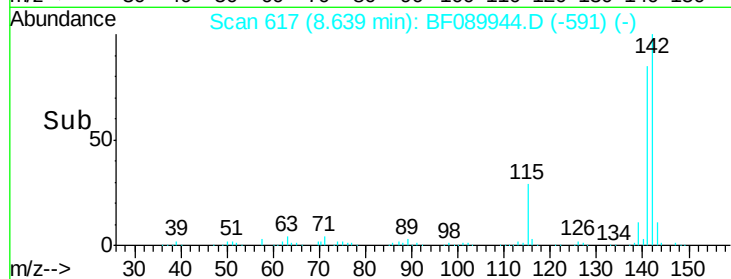
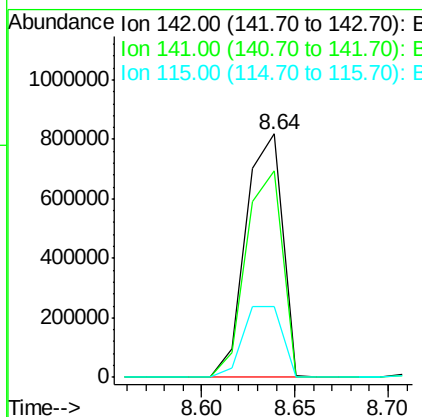
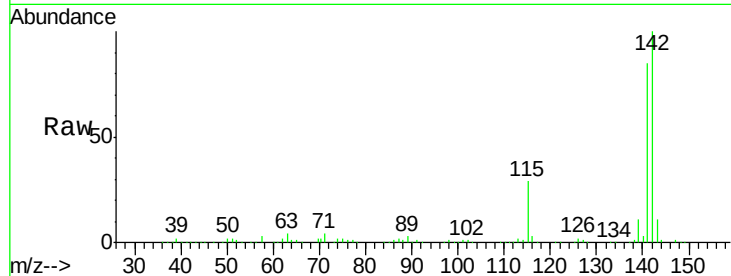




#37
2-Methylnaphthalene
Concen: 35.68 ng
RT: 8.64 min Scan# 617
Delta R.T. -0.00 min
Lab File: BF089944.D
Acq: 31 Aug 2016 12:19

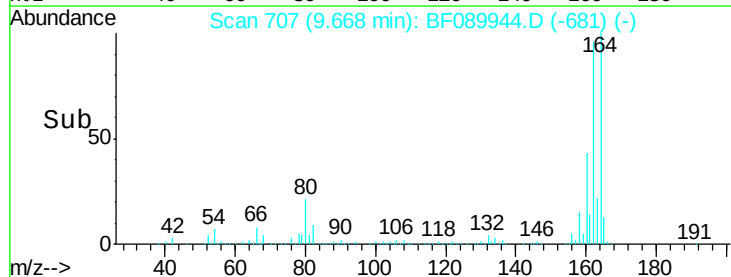
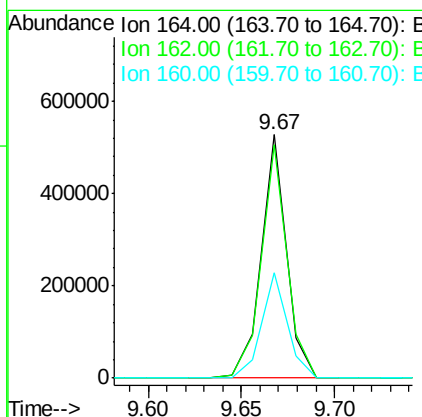
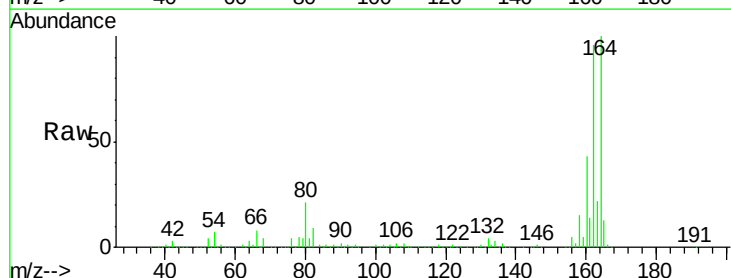
Instrument :
BNA_F
ClientSampleId :

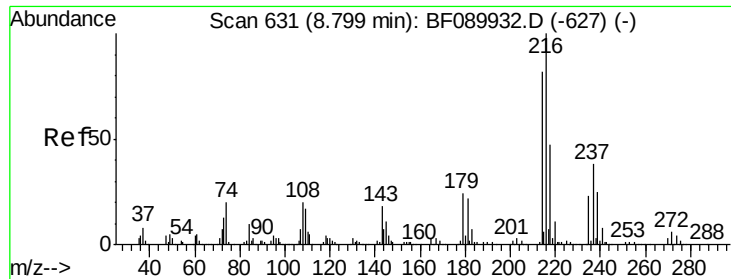
Tot Ion:142 Resp: 1113084
Ion Ratio Lower Upper
142 100
141 84.9 68.3 102.5
115 28.9 23.8 35.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.67 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF089944.D
Acq: 31 Aug 2016 12:19

Tgt Ion:164 Resp: 491118
Ion Ratio Lower Upper
164 100
162 96.0 77.1 115.7
160 43.4 35.3 52.9

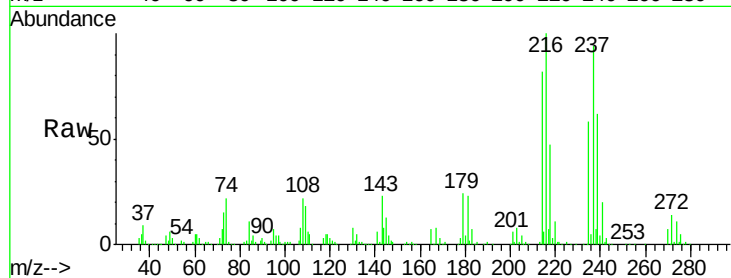




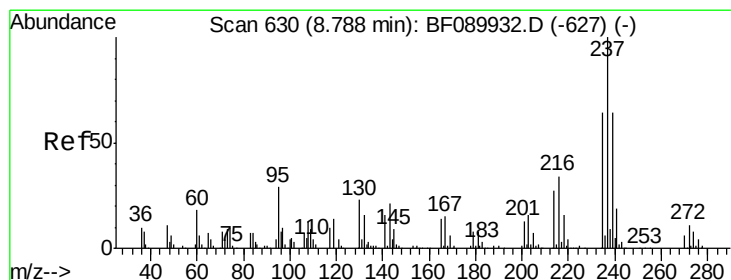
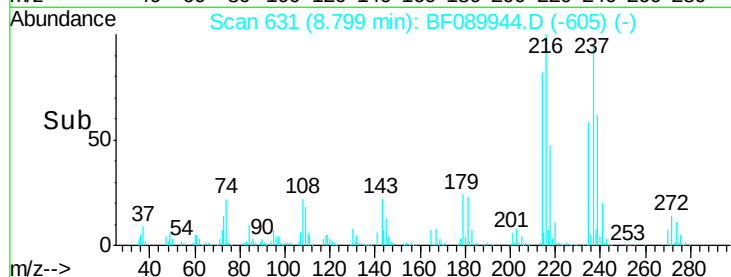
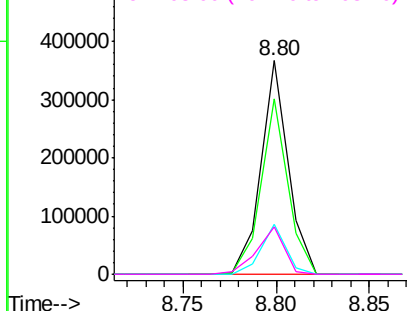
#39
1,2,4,5-Tetrachlorobenzene
Concen: 25.59 ng
RT: 8.80 min Scan# 631
Delta R.T. -0.00 min
Lab File: BF089944.D
Acq: 31 Aug 2016 12:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	216	Resp:	368168
Ion	Ratio	Lower	Upper
216	100		
214	81.2	63.4	95.2
179	21.8	17.3	25.9
108	22.5	15.5	23.3

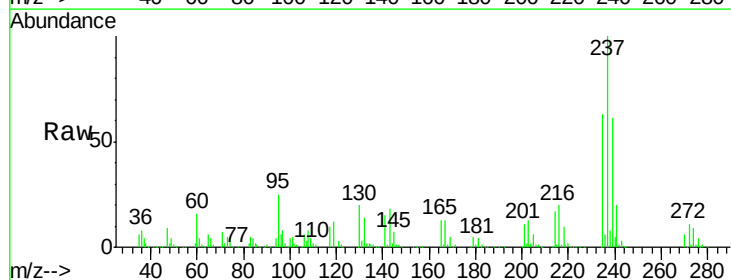


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

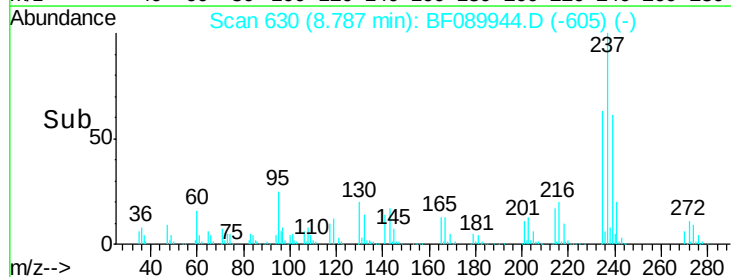
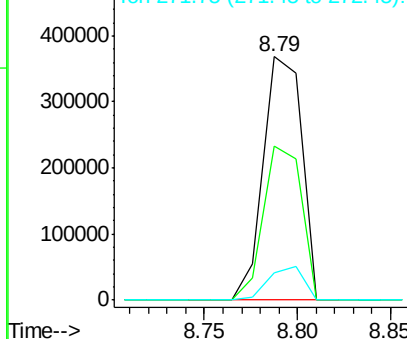


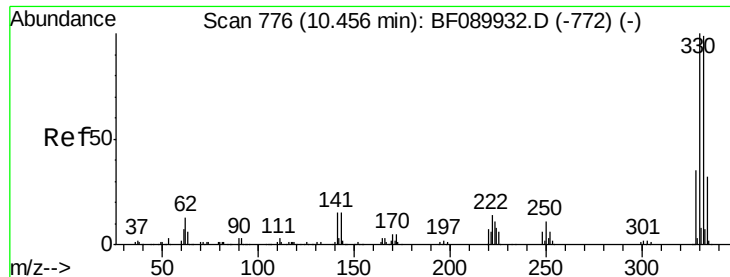
#40
Hexachlorocyclopentadiene
Concen: 71.33 ng
RT: 8.79 min Scan# 630
Delta R.T. -0.01 min
Lab File: BF089944.D
Acq: 31 Aug 2016 12:19

Tgt Ion:	237	Resp:	526188
Ion	Ratio	Lower	Upper
237	100		
235	63.4	39.6	79.6
272	11.0	0.0	34.6



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

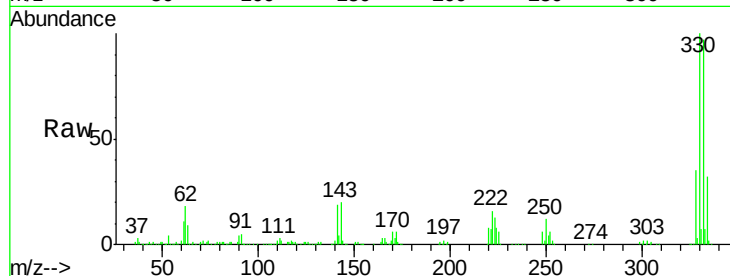




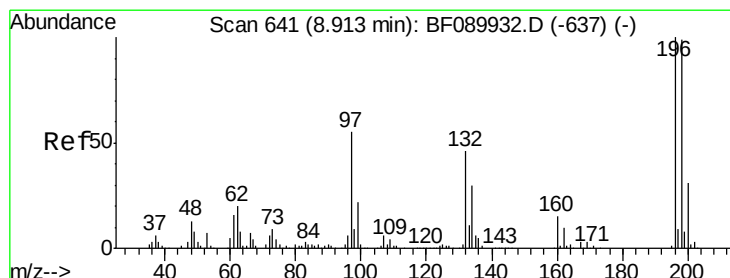
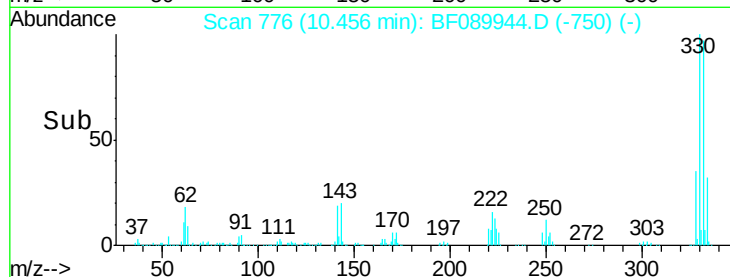
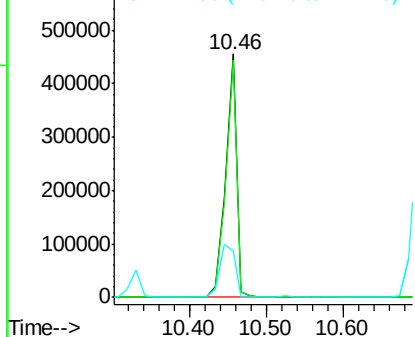
#41
 2,4,6-Tribromophenol
 Concen: 96.38 ng
 RT: 10.46 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BF089944.D
 Acq: 31 Aug 2016 12:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.6	117.8
141	30.5	23.3	34.9

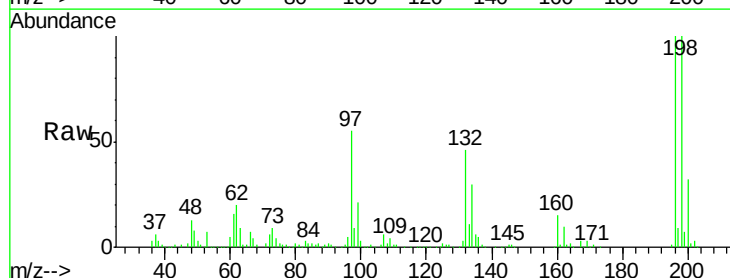


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

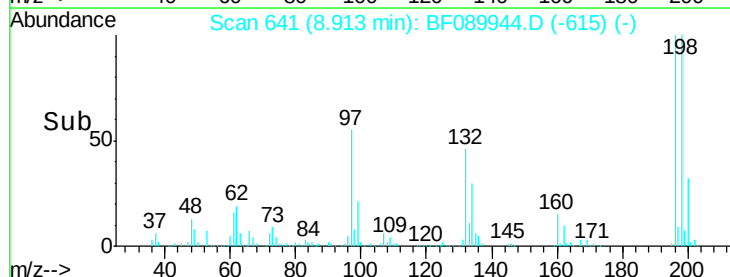
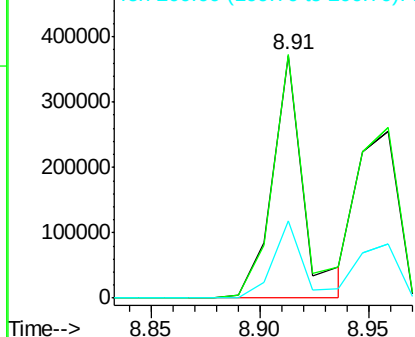


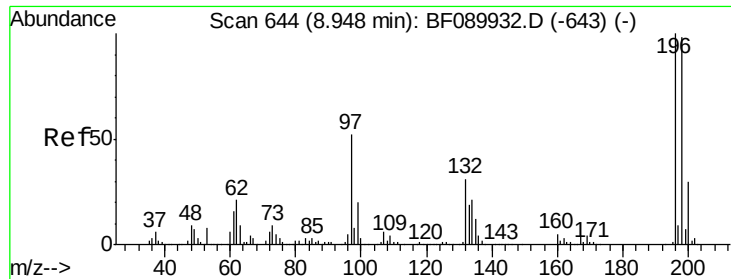
#42
 2,4,6-Trichlorophenol
 Concen: 37.36 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.00 min
 Lab File: BF089944.D
 Acq: 31 Aug 2016 12:19

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.3	78.3	117.5
200	31.7	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

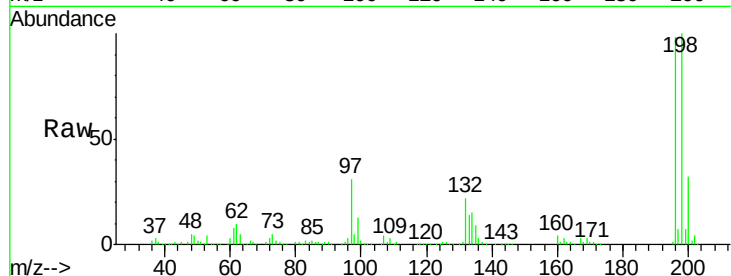




#43
 2,4,5-Trichlorophenol
 Concen: 35.37 ng
 RT: 8.96 min Scan# 645
 Delta R.T. 0.01 min
 Lab File: BF089944.D
 Acq: 31 Aug 2016 12:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	102.1	80.8	121.2
97	32.1	44.2	66.4#
132	22.6	25.8	38.6#



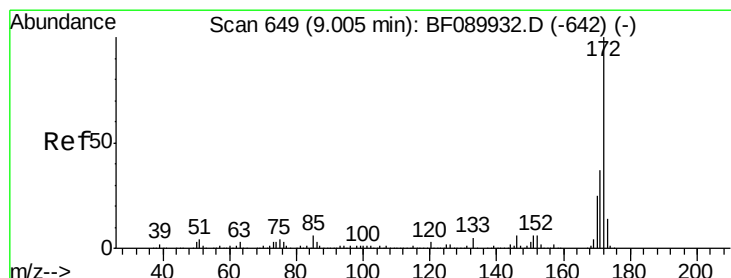
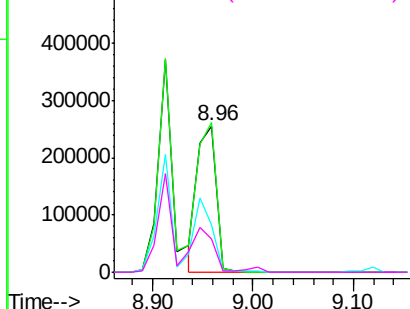
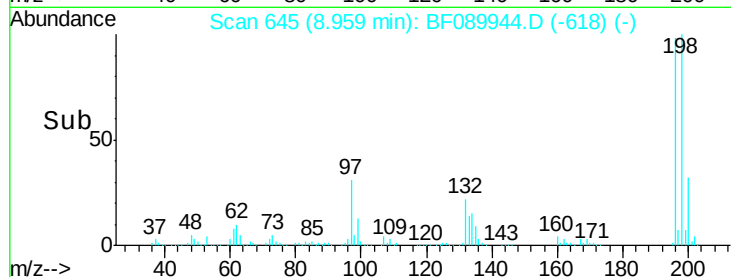
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

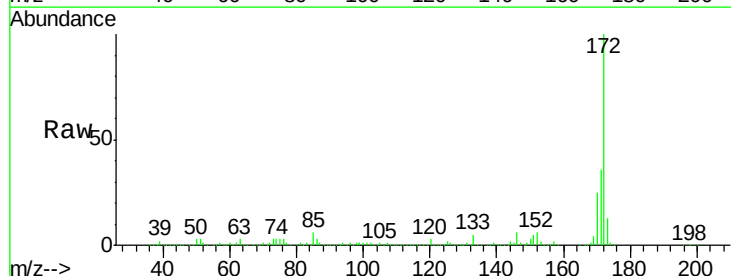
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 67.45 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.00 min
 Lab File: BF089944.D
 Acq: 31 Aug 2016 12:19

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

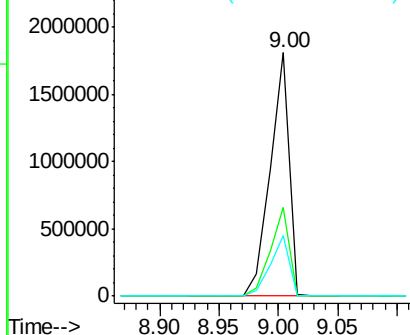
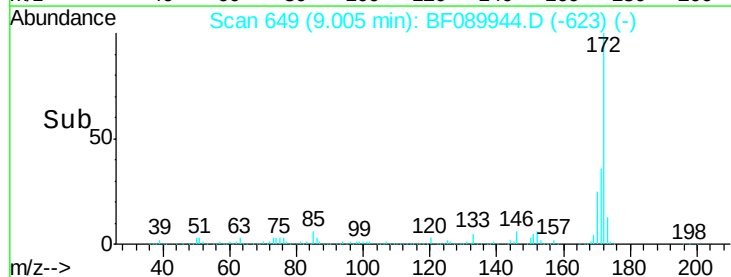


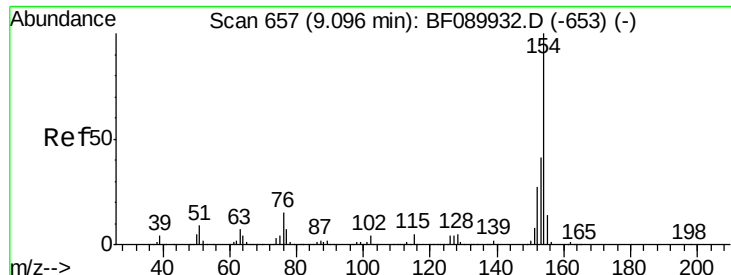
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 27.47 ng

RT: 9.10 min Scan# 657

Delta R.T. 0.00 min

Lab File: BF089944.D

Acq: 31 Aug 2016 12:19

Instrument :

BNA_F

ClientSampleId :

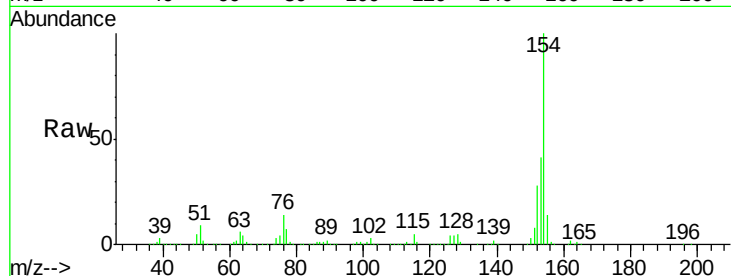
Tot Ion:154 Resp: 1086178

Ion Ratio Lower Upper

154 100

153 40.7 20.6 60.6

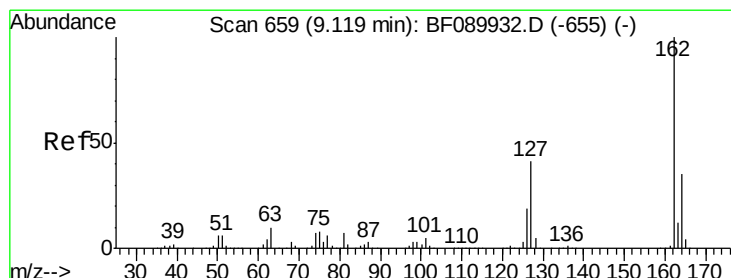
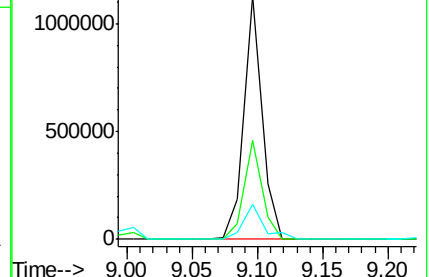
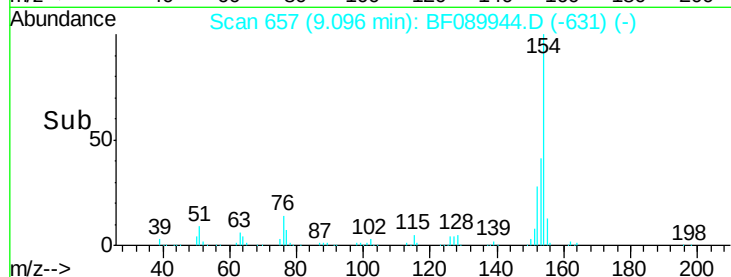
76 14.3 0.0 34.9



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: 35.70 ng

RT: 9.12 min Scan# 659

Delta R.T. -0.00 min

Lab File: BF089944.D

Acq: 31 Aug 2016 12:19

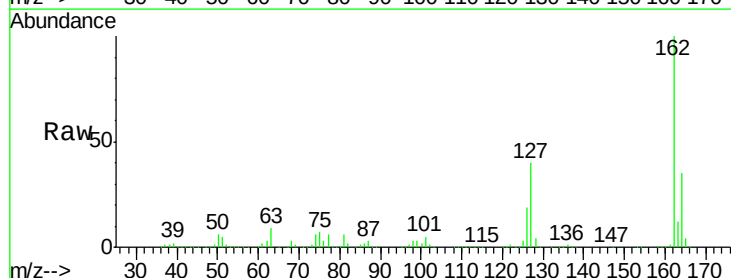
Tgt Ion:162 Resp: 998498

Ion Ratio Lower Upper

162 100

127 40.2 33.5 50.3

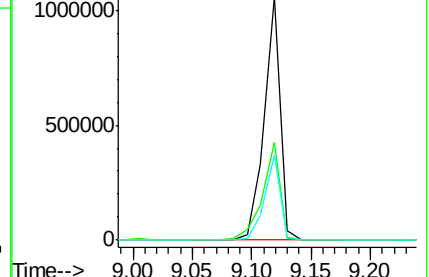
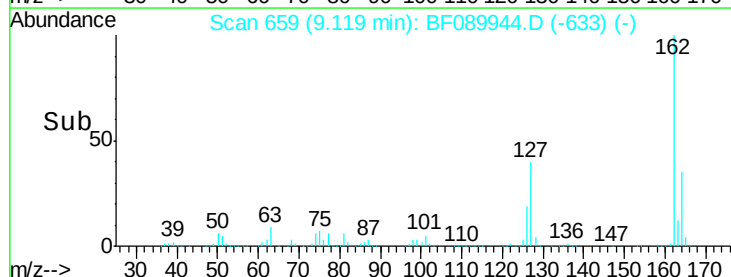
164 34.8 28.2 42.4

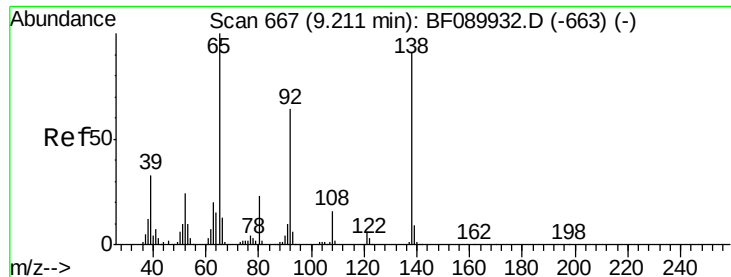


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 36.98 ng

RT: 9.22 min Scan# 668

Delta R.T. 0.01 min

Lab File: BF089944.D

Acq: 31 Aug 2016 12:19

Instrument :

BNA_F

ClientSampled :

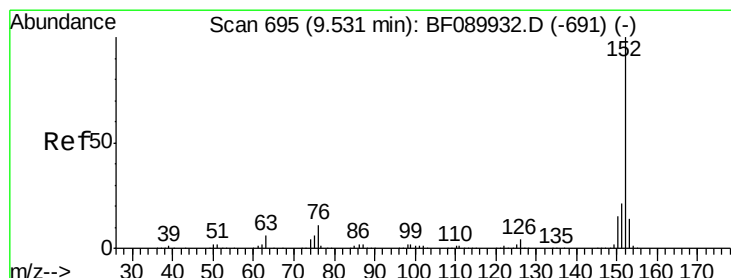
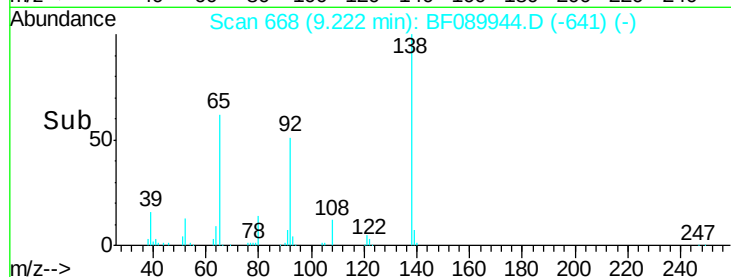
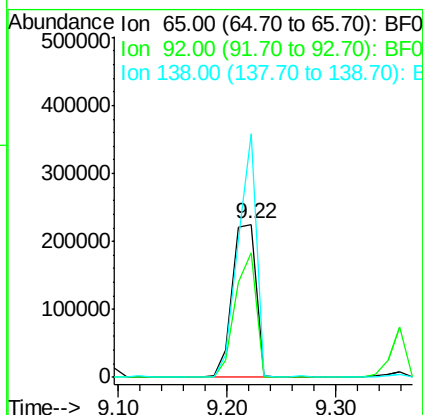
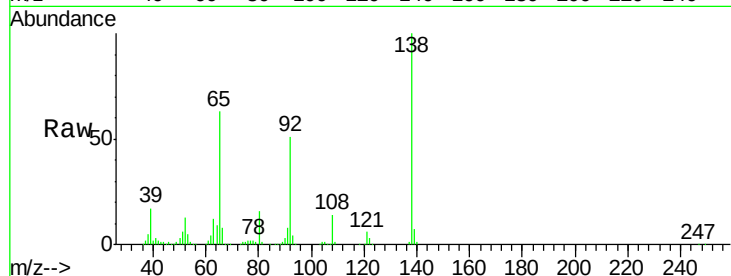
Tot Ion: 65 Resp: 338189

Ion Ratio Lower Upper

65 100

92 81.6 52.0 78.0#

138 158.8 72.1 108.1#



#48

Acenaphthylene

Concen: 32.80 ng

RT: 9.53 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF089944.D

Acq: 31 Aug 2016 12:19

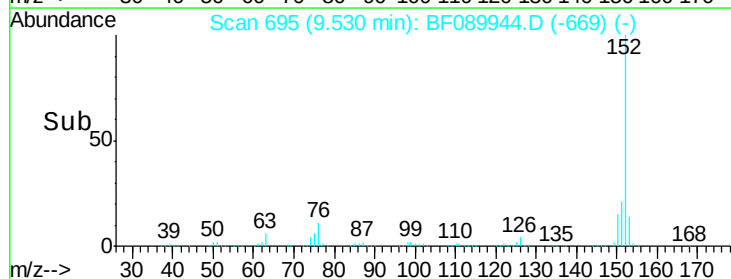
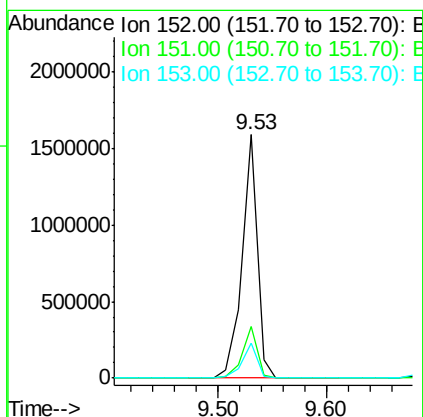
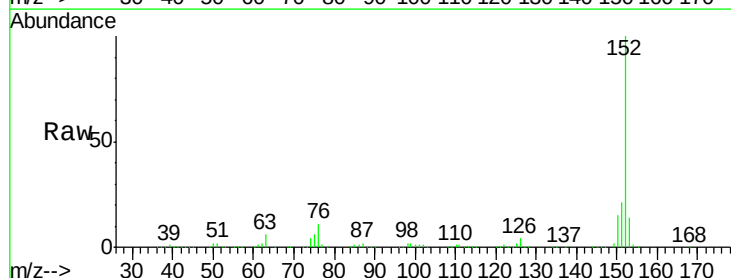
Tgt Ion: 152 Resp: 1516984

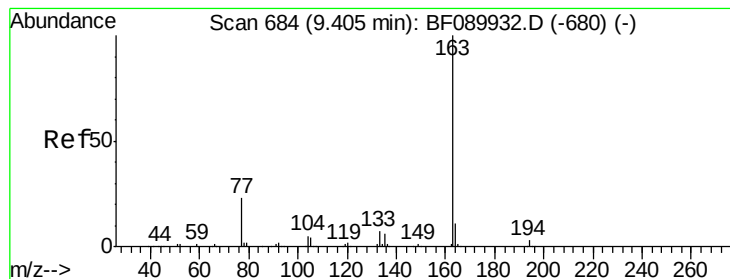
Ion Ratio Lower Upper

152 100

151 21.0 16.7 25.1

153 14.4 11.6 17.4





#49

Dimethylphthalate

Concen: 47.17 ng

RT: 9.42 min Scan# 685

Delta R.T. 0.01 min

Lab File: BF089944.D

Acq: 31 Aug 2016 12:19

Instrument :

BNA_F

ClientSampleId :

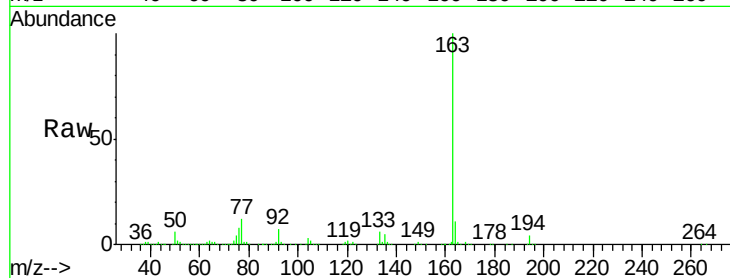
Tot Ion:163 Resp: 1674319

Ion Ratio Lower Upper

163 100

194 4.2 2.7 4.1#

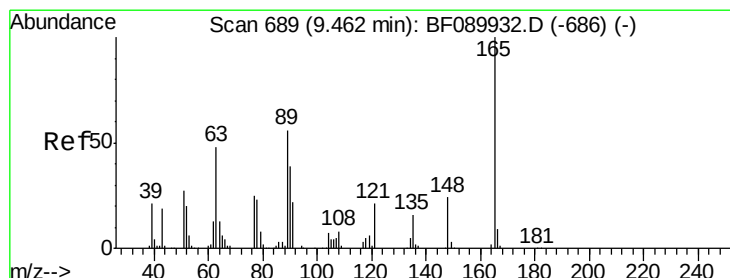
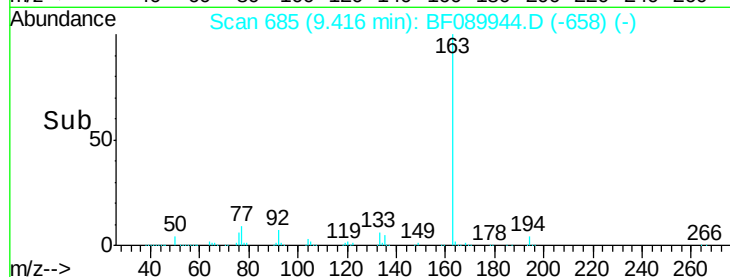
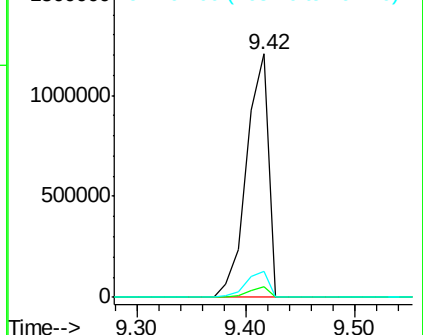
164 10.5 9.0 13.4



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: 32.56 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF089944.D

Acq: 31 Aug 2016 12:19

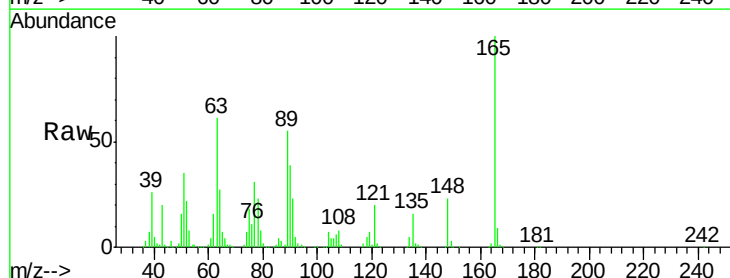
Tgt Ion:165 Resp: 257051

Ion Ratio Lower Upper

165 100

63 61.3 45.0 67.4

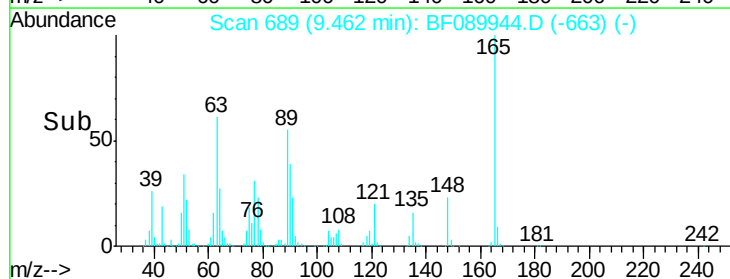
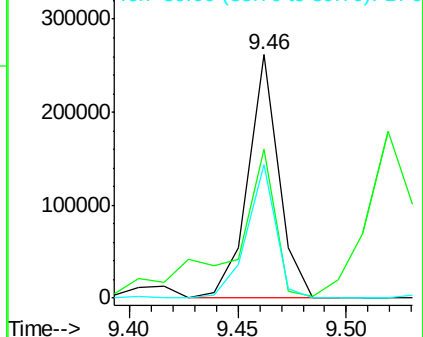
89 54.8 41.5 62.3

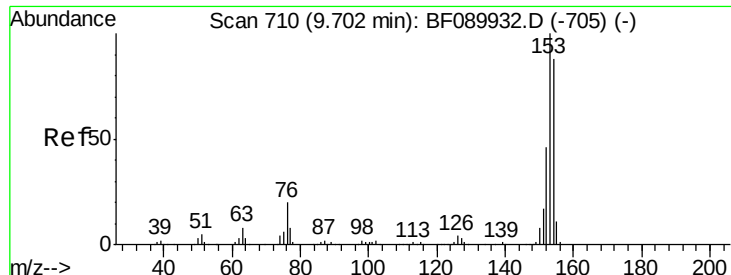


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 33.54 ng

RT: 9.70 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF089944.D

Acq: 31 Aug 2016 12:19

Instrument :

BNA_F

ClientSampled :

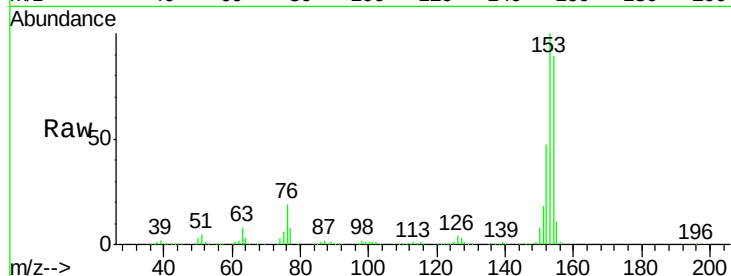
Tot Ion:154 Resp: 982928

Ion Ratio Lower Upper

154 100

153 112.3 90.6 135.8

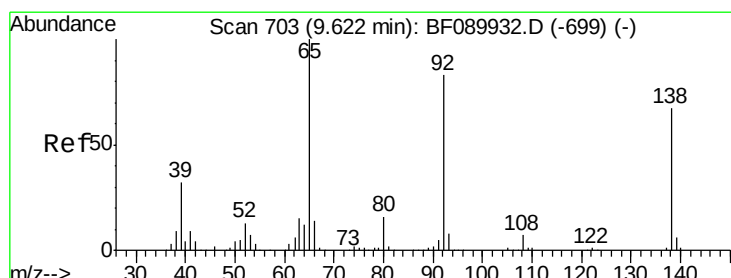
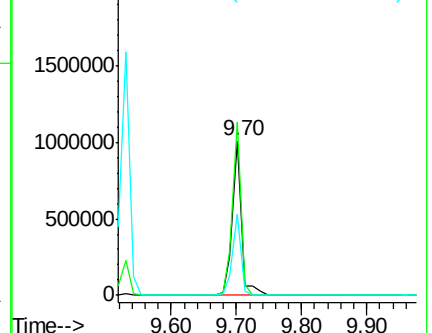
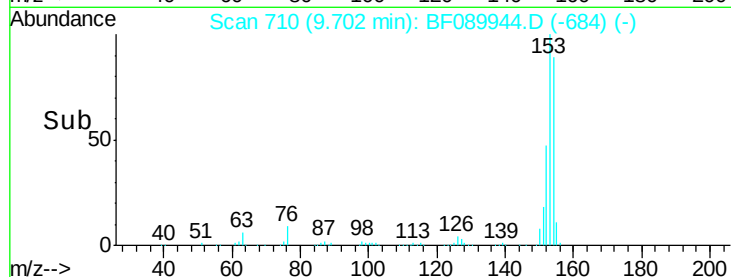
152 52.4 42.4 63.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.29 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.00 min

Lab File: BF089944.D

Acq: 31 Aug 2016 12:19

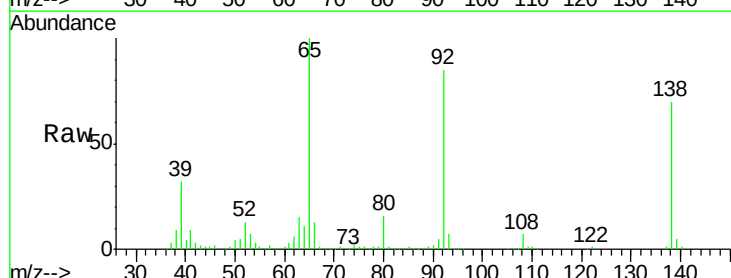
Tgt Ion:138 Resp: 227732

Ion Ratio Lower Upper

138 100

108 10.0 8.3 12.5

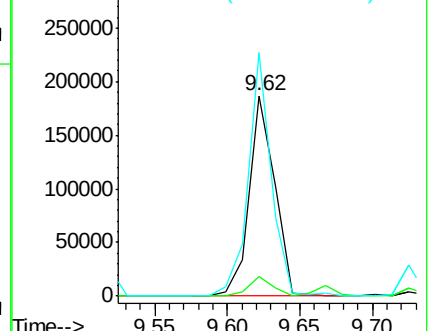
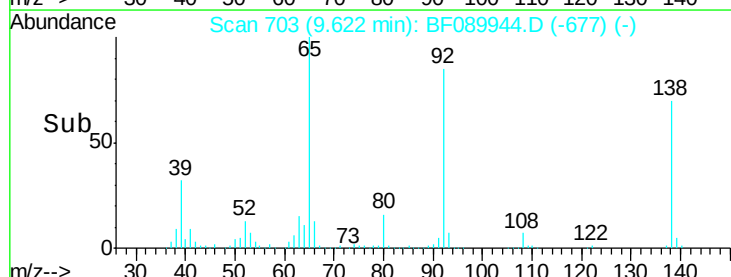
92 121.7 99.1 148.7

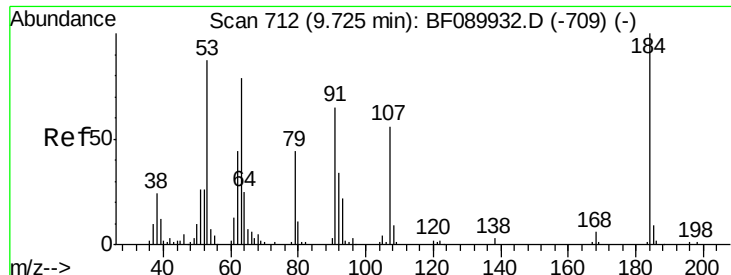


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

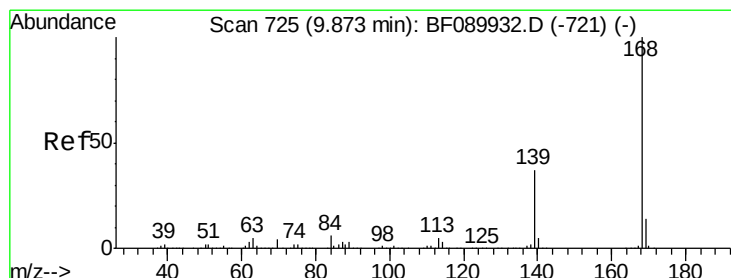
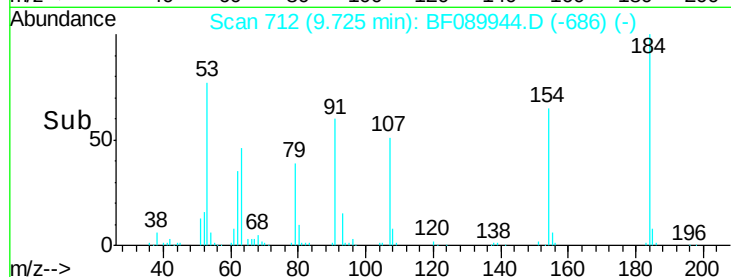
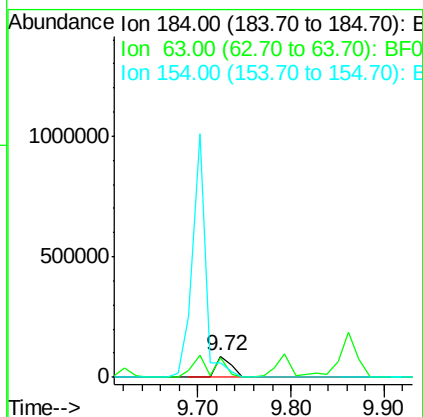
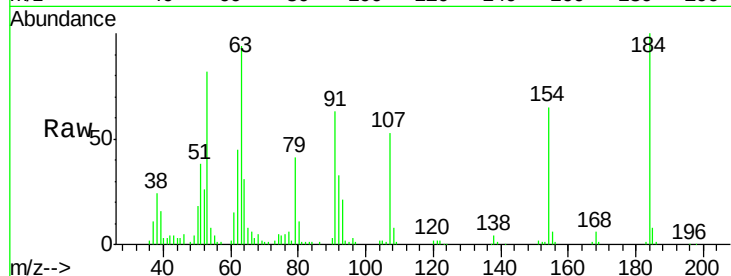




#53
2,4-Dinitrophenol
Concen: 29.32 ng
RT: 9.72 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF089944.D
Acq: 31 Aug 2016 12:19

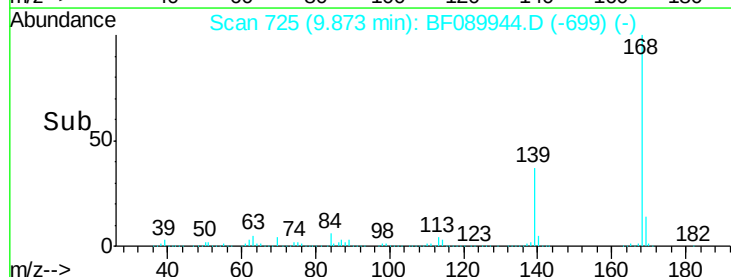
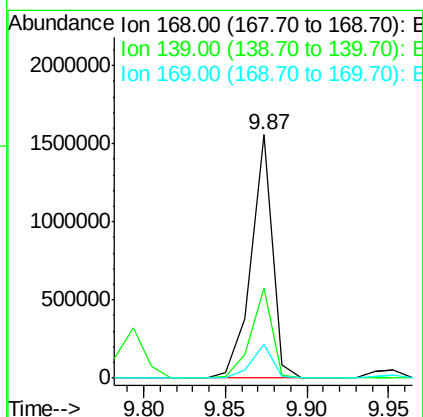
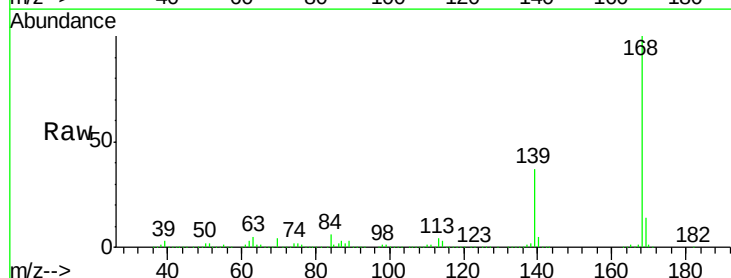
Instrument :
BNA_F
ClientSampled :

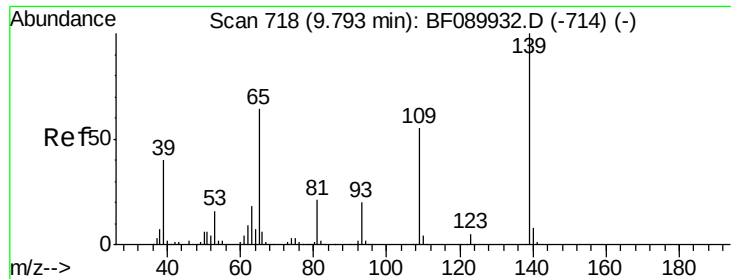
Tot Ion:184 Resp: 100413
Ion Ratio Lower Upper
184 100
63 93.6 73.9 110.9
154 65.3 53.5 80.3



#54
Dibenzofuran
Concen: 36.01 ng
RT: 9.87 min Scan# 725
Delta R.T. -0.00 min
Lab File: BF089944.D
Acq: 31 Aug 2016 12:19

Tgt Ion:168 Resp: 1414039
Ion Ratio Lower Upper
168 100
139 37.1 29.5 44.3
169 13.6 10.8 16.2





#55

4-Nitrophenol

Concen: 54.95 ng

RT: 9.79 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF089944.D

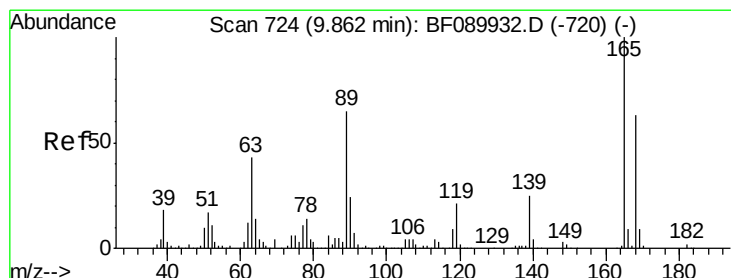
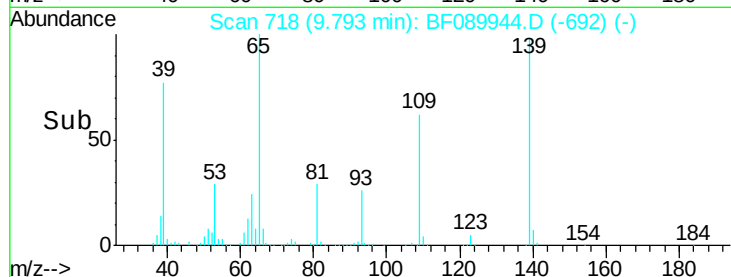
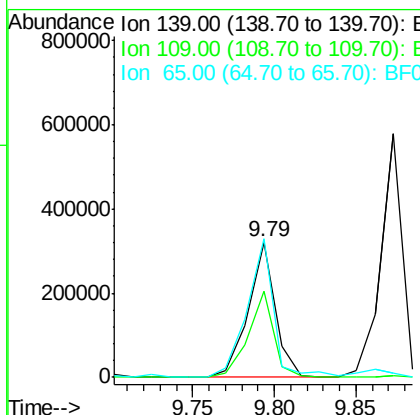
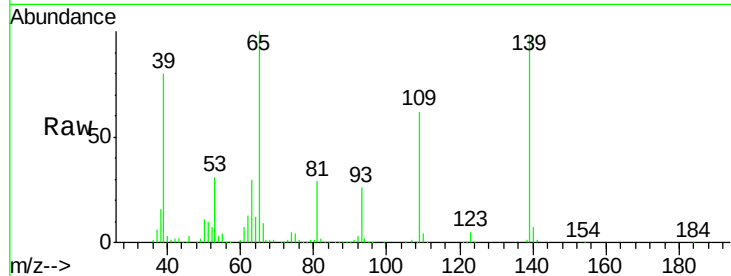
Acq: 31 Aug 2016 12:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:139	Resp:	373237
Ion Ratio	Lower	Upper
139	100	
109	63.5	31.3 71.3
65	102.4	38.5 78.5#



#56

2,4-Dinitrotoluene

Concen: 35.55 ng

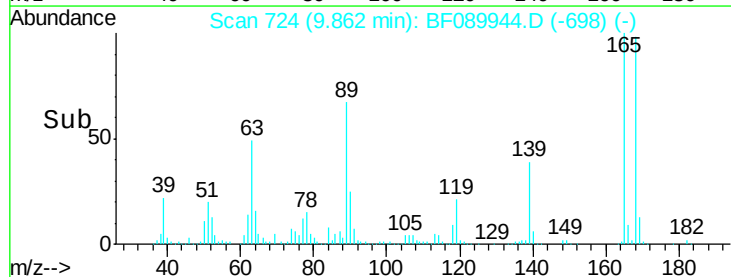
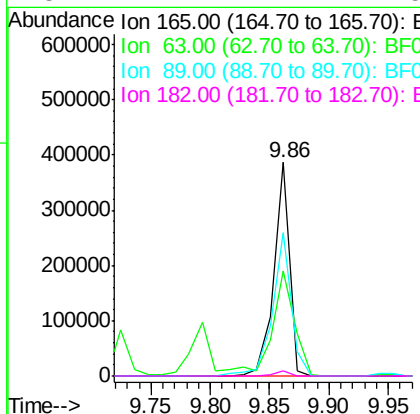
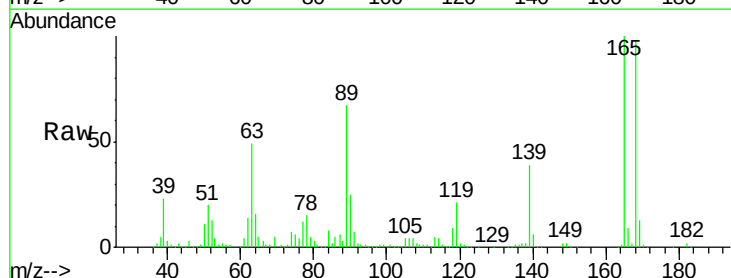
RT: 9.86 min Scan# 724

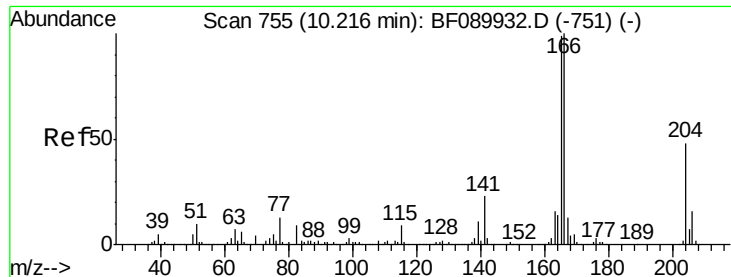
Delta R.T. -0.00 min

Lab File: BF089944.D

Acq: 31 Aug 2016 12:19

Tgt Ion:165	Resp:	355870
Ion Ratio	Lower	Upper
165	100	
63	49.2	32.5 48.7#
89	67.3	48.3 72.5
182	2.2	1.7 2.5

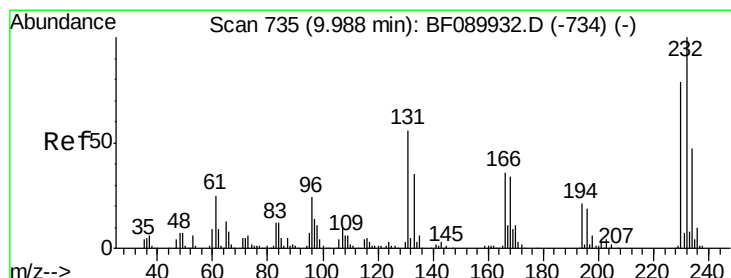
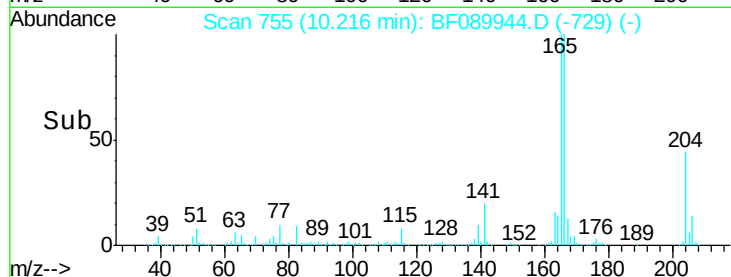
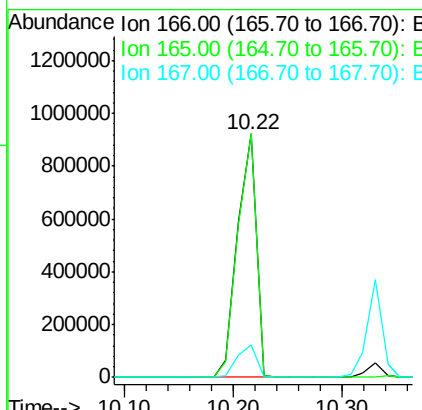
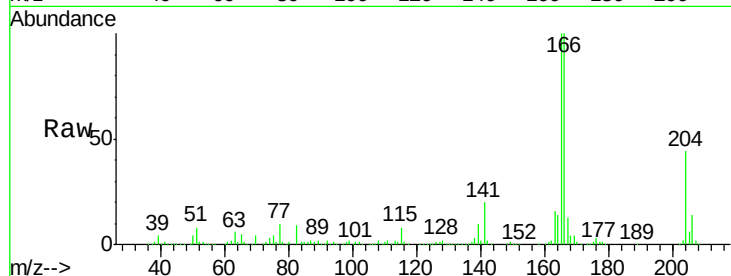




#57
 Fluorene
 Concen: 37.88 ng
 RT: 10.22 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF089944.D
 Acq: 31 Aug 2016 12:19

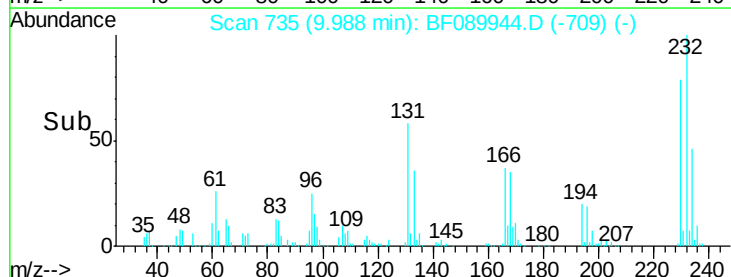
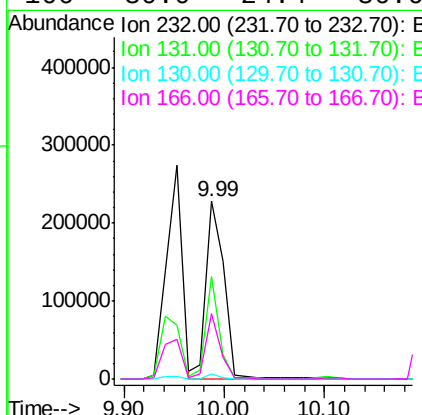
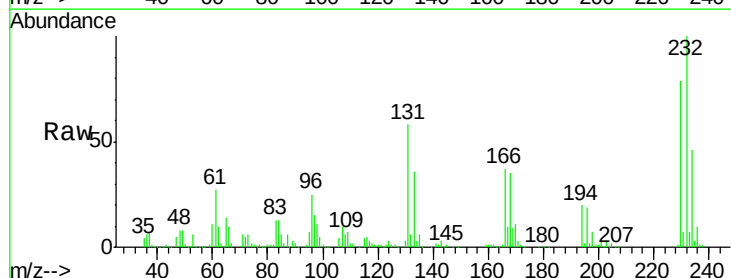
Instrument :
 BNA_F
 ClientSampleId :

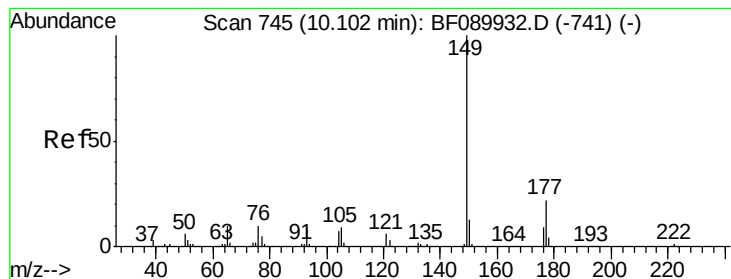
Tot Ion:166 Resp: 1086989
 Ion Ratio Lower Upper
 166 100
 165 99.9 78.6 118.0
 167 13.1 10.6 15.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 34.30 ng
 RT: 9.99 min Scan# 735
 Delta R.T. -0.00 min
 Lab File: BF089944.D
 Acq: 31 Aug 2016 12:19

Tgt Ion:232 Resp: 281516
 Ion Ratio Lower Upper
 232 100
 131 43.9 36.3 54.5
 130 2.0 1.7 2.5
 166 30.0 24.4 36.6





#59

Diethylphthalate

Concen: 33.93 ng

RT: 10.10 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF089944.D

Acq: 31 Aug 2016 12:19

Instrument :

BNA_F

ClientSampleId :

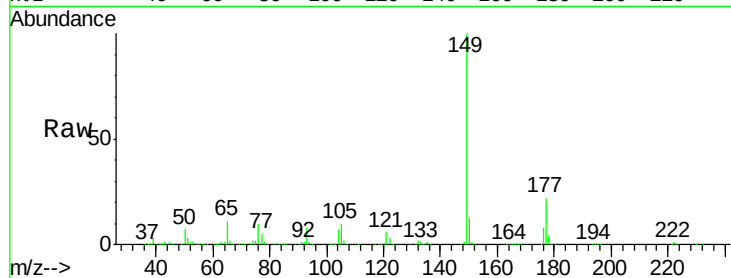
Tot Ion:149 Resp: 1133046

Ion Ratio Lower Upper

149 100

177 21.7 17.7 26.5

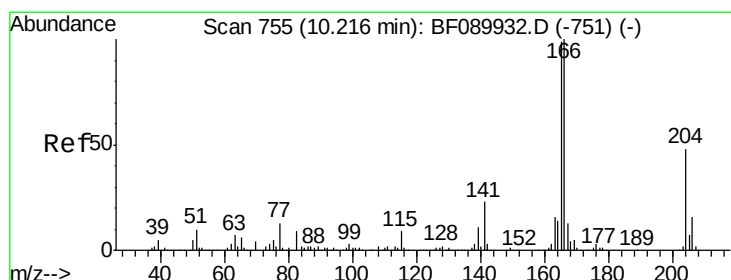
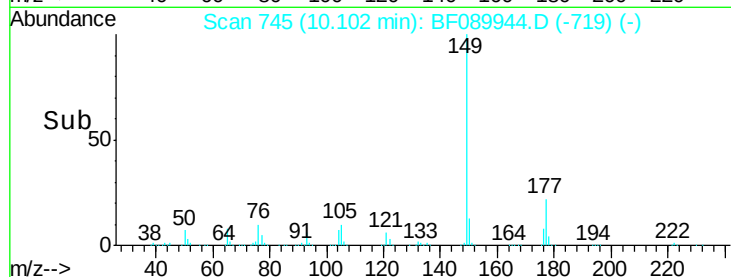
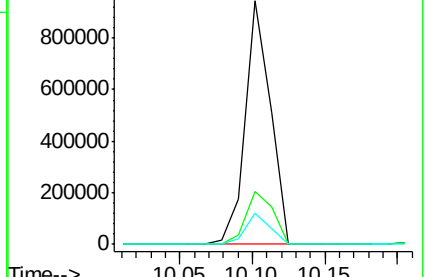
150 12.7 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 36.31 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF089944.D

Acq: 31 Aug 2016 12:19

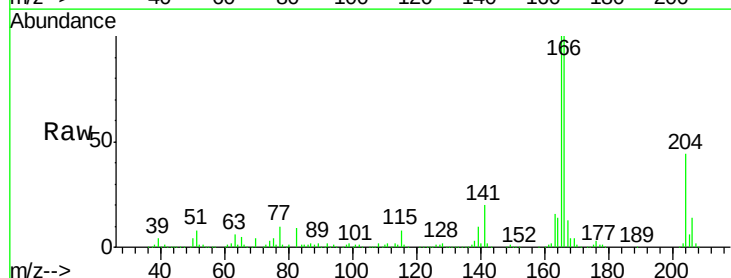
Tgt Ion:204 Resp: 490267

Ion Ratio Lower Upper

204 100

206 32.3 26.6 40.0

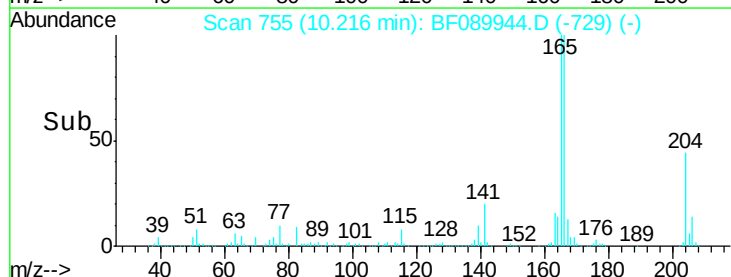
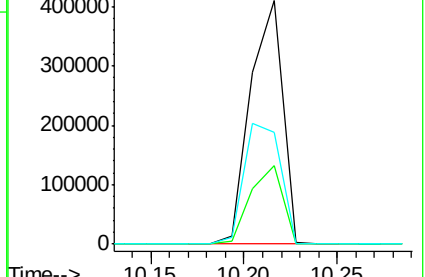
141 45.7 36.5 54.7

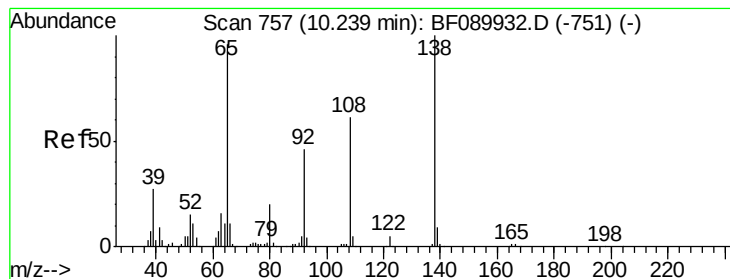


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 35.52 ng

RT: 10.24 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF089944.D

Acq: 31 Aug 2016 12:19

Instrument :

BNA_F

ClientSampleId :

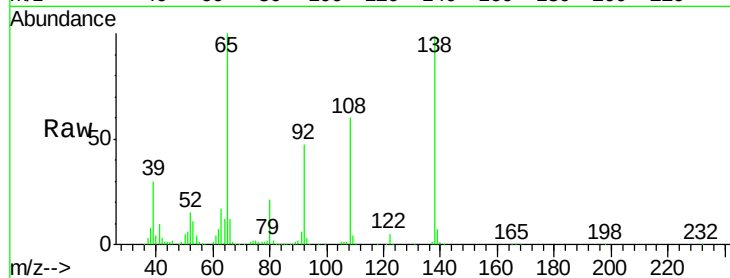
Tot Ion:138 Resp: 314270

Ion Ratio Lower Upper

138 100

92 47.2 21.2 61.2

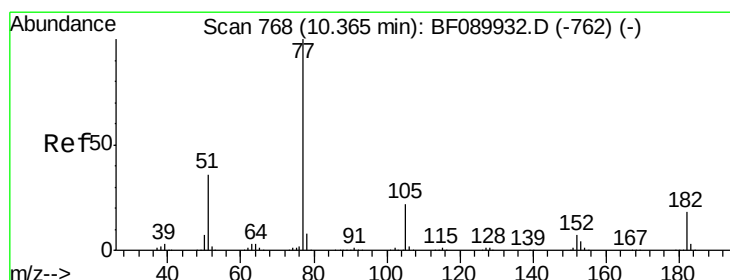
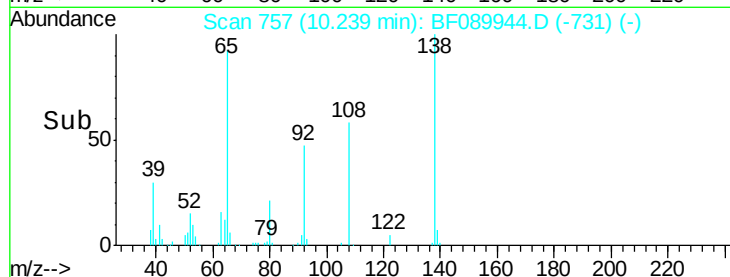
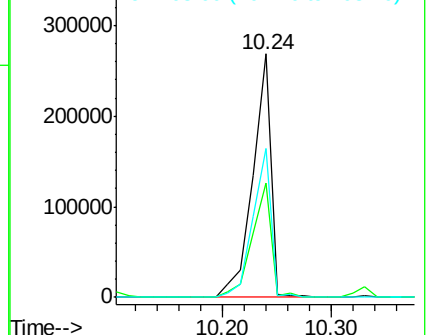
108 61.1 37.7 77.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 35.59 ng

RT: 10.36 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF089944.D

Acq: 31 Aug 2016 12:19

Tgt Ion: 77 Resp: 1187212

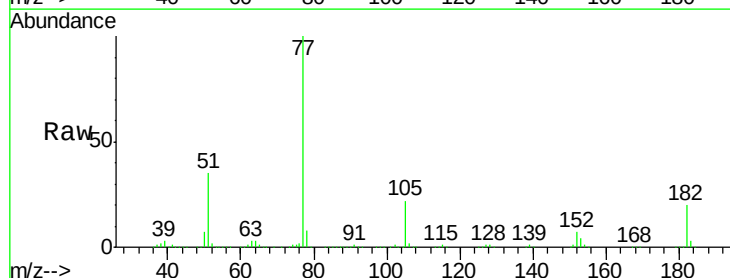
Ion Ratio Lower Upper

77 100

182 19.6 0.0 38.6

105 22.1 2.3 42.3

51 35.4 15.1 55.1

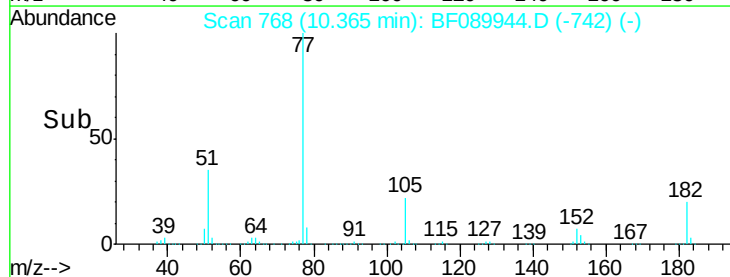
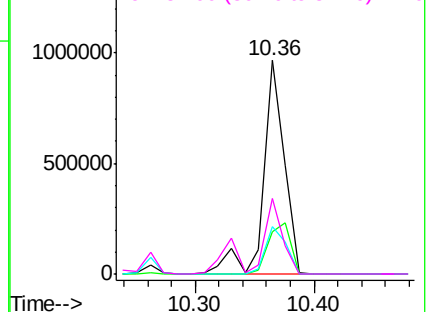


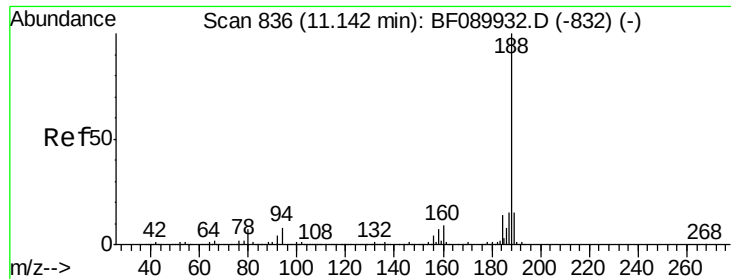
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

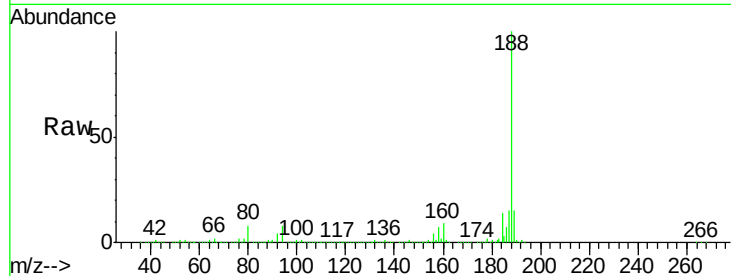




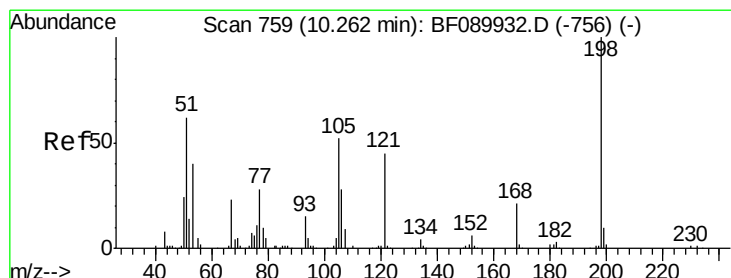
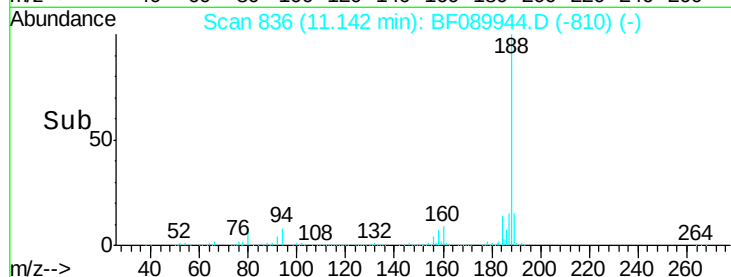
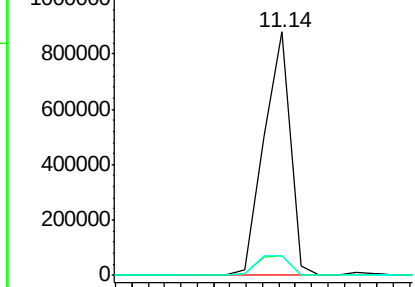
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF089944.D
Acq: 31 Aug 2016 12:19

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.1	5.9	8.9
80	7.8	5.8	8.8

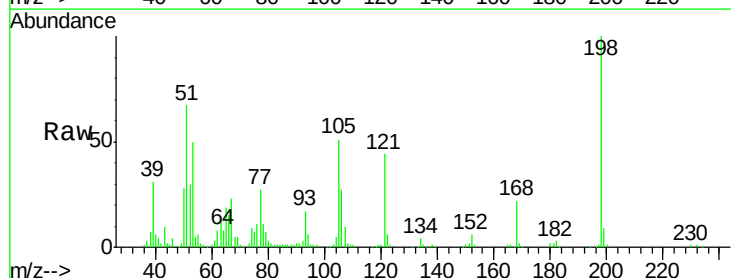


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

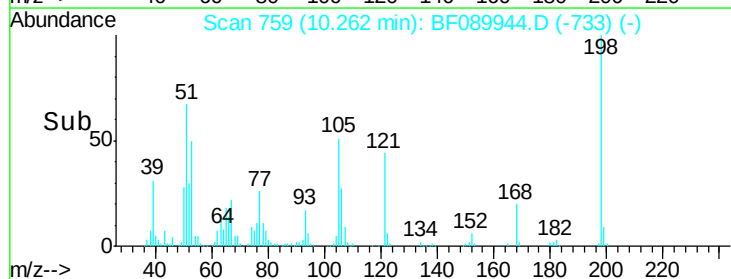
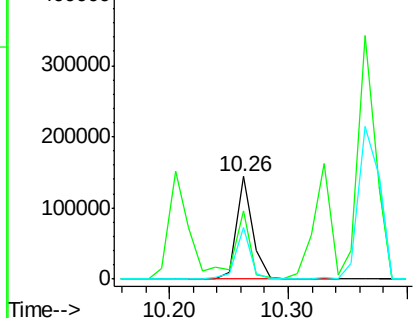


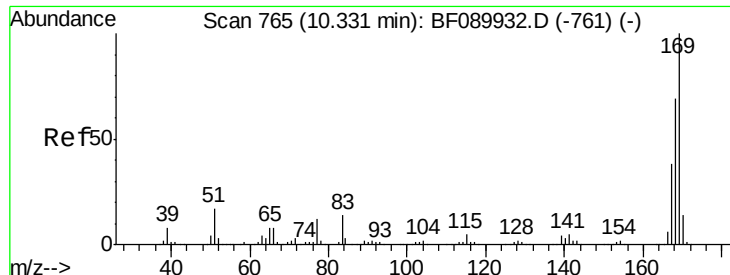
#64
4,6-Dinitro-2-methylphenol
Concen: 21.44 ng
RT: 10.26 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF089944.D
Acq: 31 Aug 2016 12:19

Tgt Ion	Ratio	Lower	Upper
198	100		
51	67.3	43.0	83.0
105	51.0	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

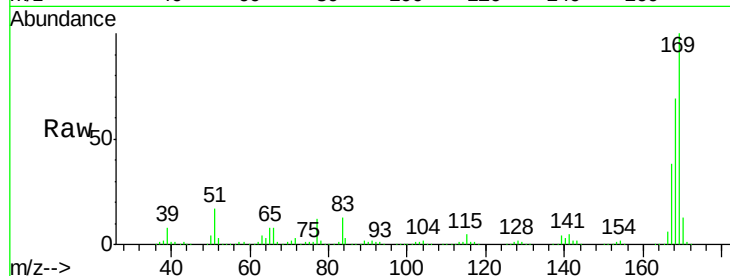




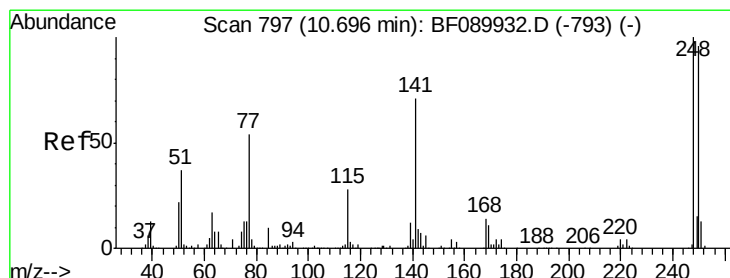
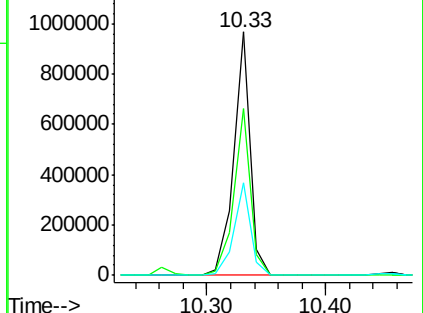
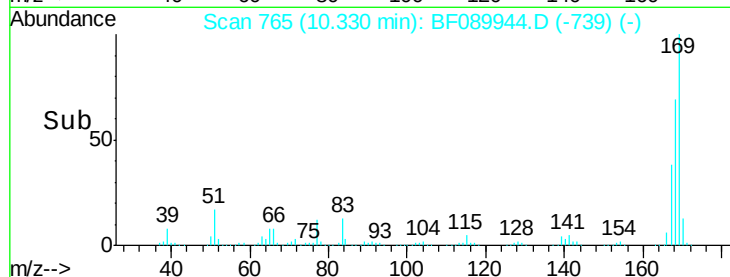
#65
 n-Nitrosodiphenylamine
 Concen: 31.24 ng
 RT: 10.33 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BF089944.D
 Acq: 31 Aug 2016 12:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 930512
 Ion Ratio Lower Upper
 169 100
 168 68.6 55.0 82.4
 167 38.1 30.5 45.7

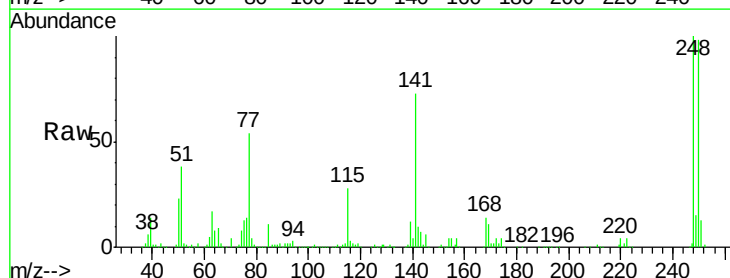


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

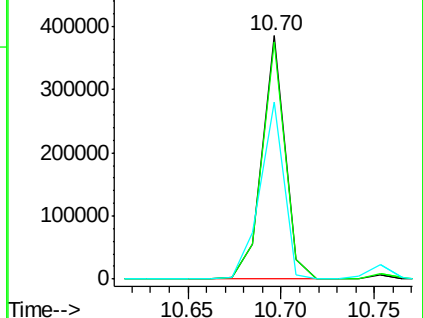
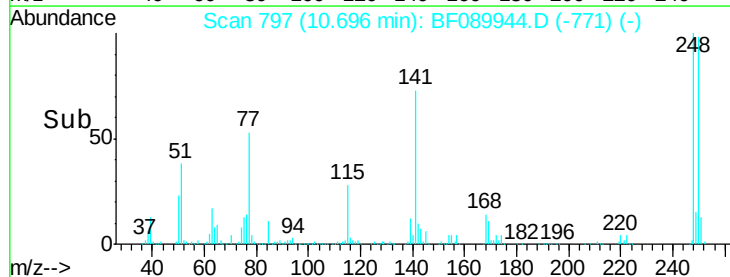


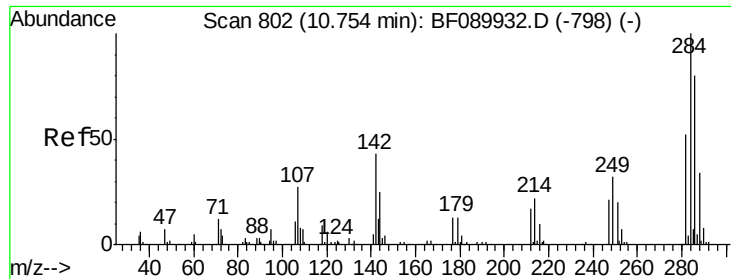
#66
 4-Bromophenyl-phenylether
 Concen: 32.73 ng
 RT: 10.70 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF089944.D
 Acq: 31 Aug 2016 12:19

Tgt Ion:248 Resp: 326504
 Ion Ratio Lower Upper
 248 100
 250 97.6 77.3 115.9
 141 72.7 55.8 83.8



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





#67

Hexachlorobenzene

Concen: 29.47 ng

RT: 10.75 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF089944.D

Acq: 31 Aug 2016 12:19

Instrument :

BNA_F

ClientSampleId :

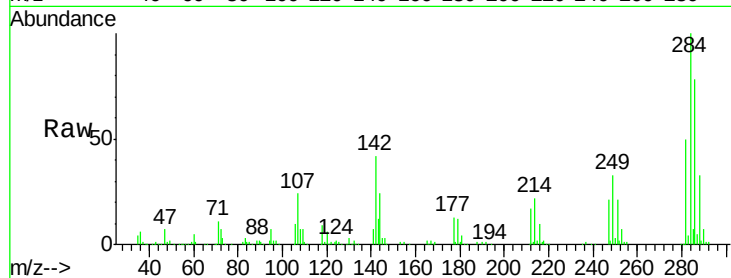
Tot Ion:284 Resp: 335798

Ion Ratio Lower Upper

284 100

142 41.6 32.7 49.1

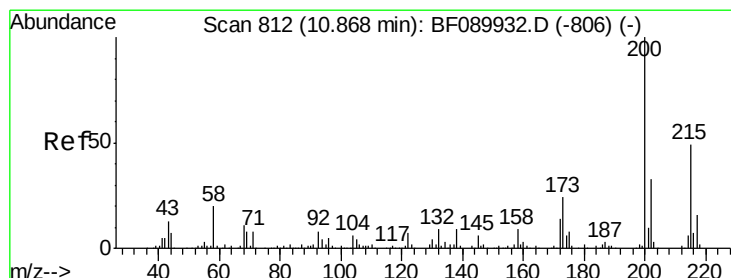
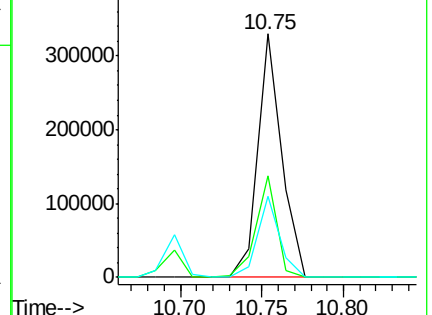
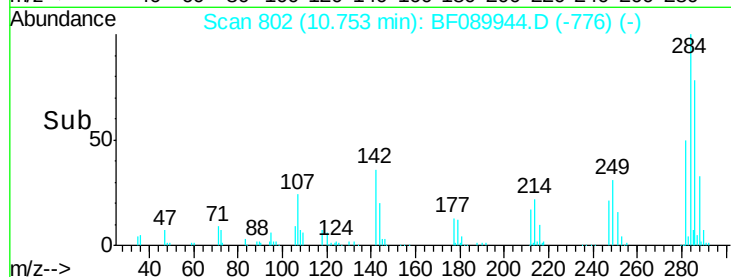
249 33.4 26.9 40.3



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: 35.72 ng

RT: 10.87 min Scan# 812

Delta R.T. 0.01 min

Lab File: BF089944.D

Acq: 31 Aug 2016 12:19

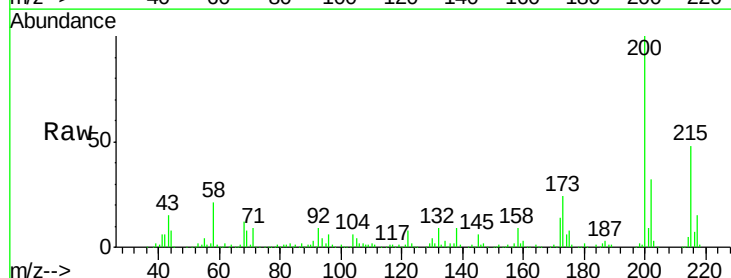
Tgt Ion:200 Resp: 355255

Ion Ratio Lower Upper

200 100

173 24.2 9.4 49.4

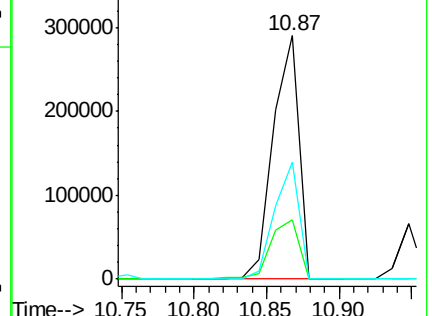
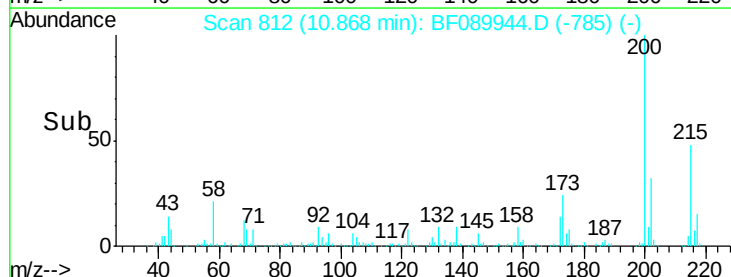
215 48.2 24.5 64.5

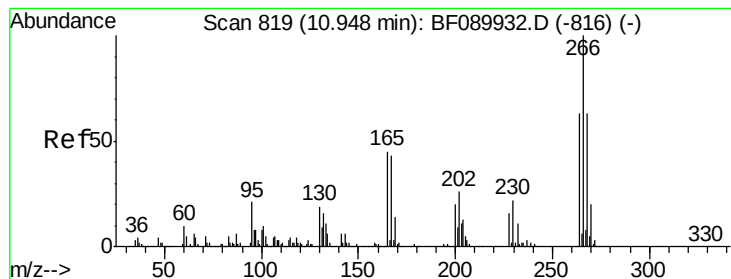


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 50.00 ng

RT: 10.95 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF089944.D

Acq: 31 Aug 2016 12:19

Instrument :
BNA_F
ClientSampleId :

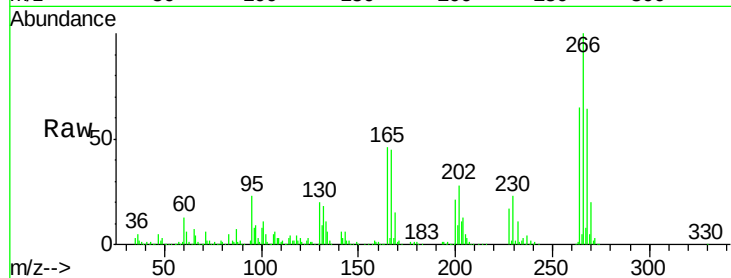
Tot Ion:266 Resp: 306483

Ion Ratio Lower Upper

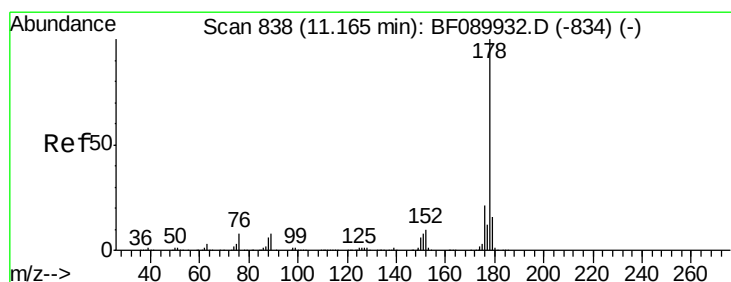
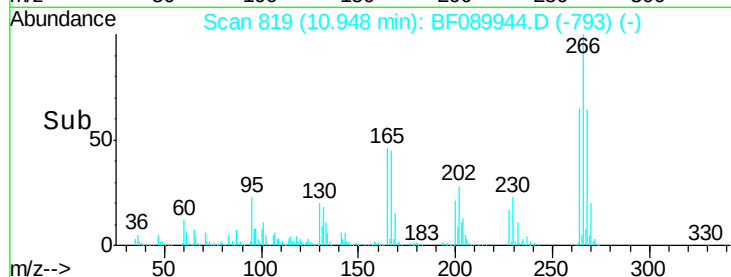
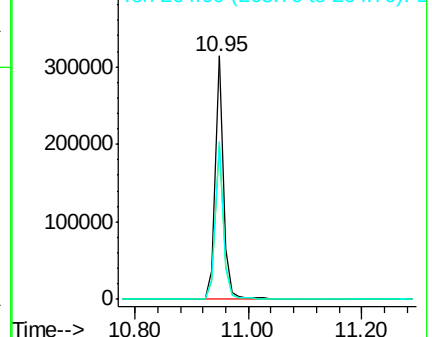
266 100

268 63.5 51.0 76.6

264 64.6 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: 32.55 ng

RT: 11.16 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF089944.D

Acq: 31 Aug 2016 12:19

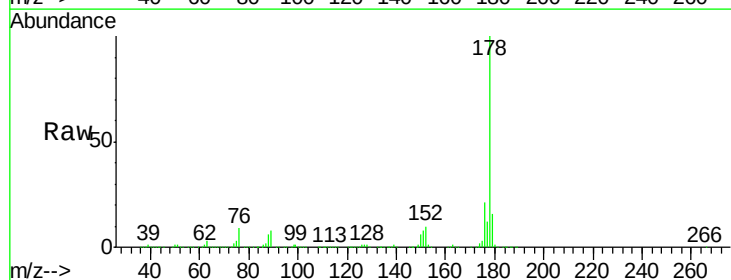
Tgt Ion:178 Resp: 1606029

Ion Ratio Lower Upper

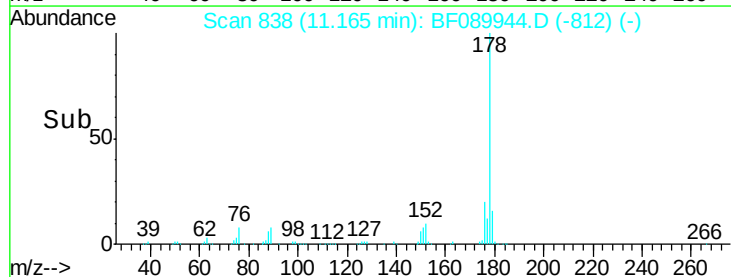
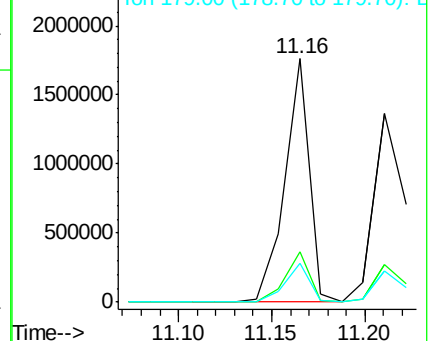
178 100

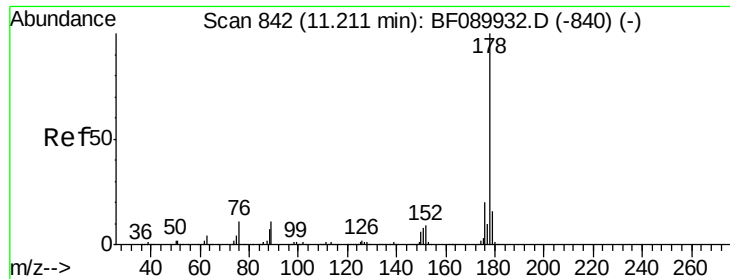
176 20.5 16.5 24.7

179 15.8 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: 30.79 ng

RT: 11.21 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF089944.D

Acq: 31 Aug 2016 12:19

Instrument :

BNA_F

ClientSampled :

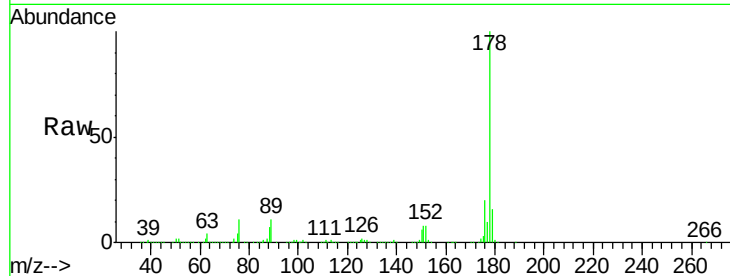
Tot Ion:178 Resp: 1540805

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

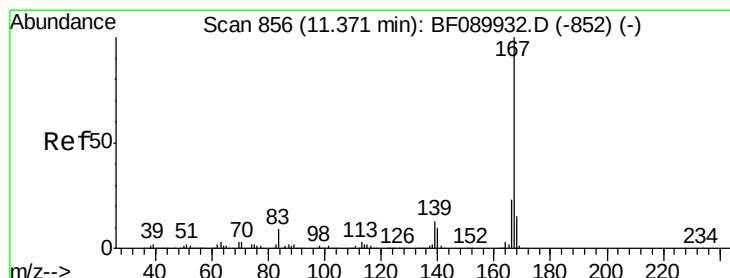
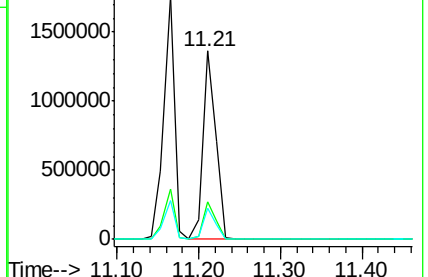
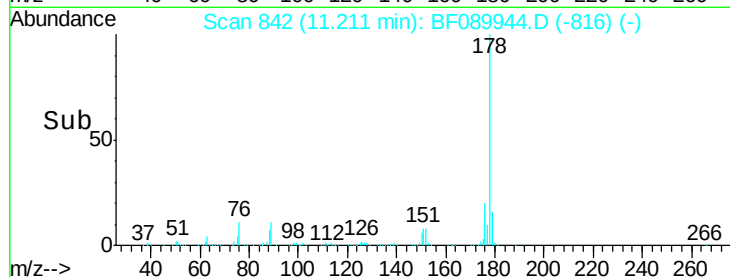
179 16.2 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 30.65 ng

RT: 11.37 min Scan# 856

Delta R.T. -0.00 min

Lab File: BF089944.D

Acq: 31 Aug 2016 12:19

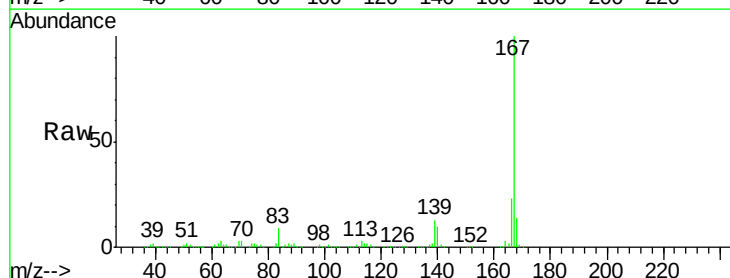
Tgt Ion:167 Resp: 1438354

Ion Ratio Lower Upper

167 100

166 22.9 18.1 27.1

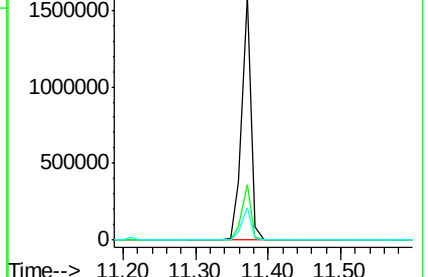
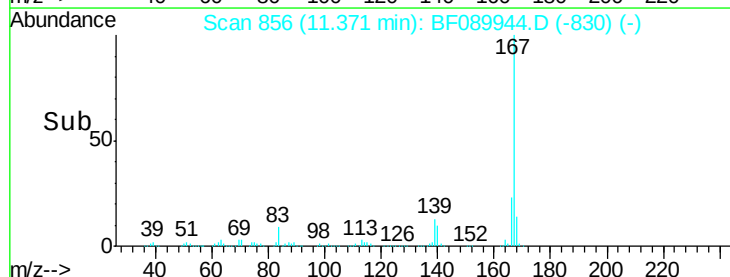
139 13.2 10.4 15.6

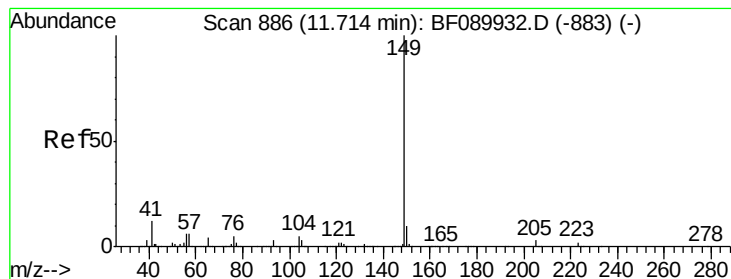


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 33.40 ng

RT: 11.71 min Scan# 886

Delta R.T. -0.00 min

Lab File: BF089944.D

Acq: 31 Aug 2016 12:19

Instrument :

BNA_F

ClientSampleId :

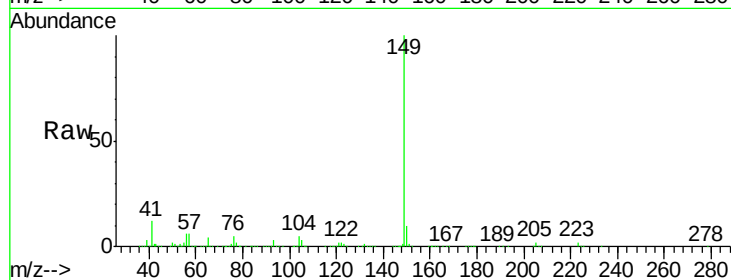
Tot Ion:149 Resp: 1826830

Ion Ratio Lower Upper

149 100

150 9.9 7.8 11.8

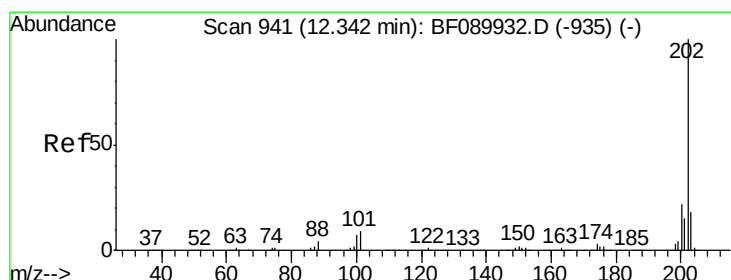
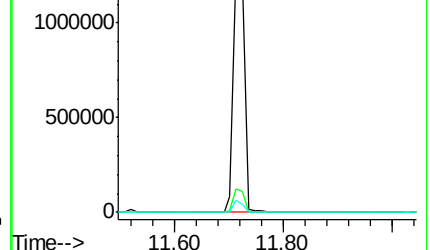
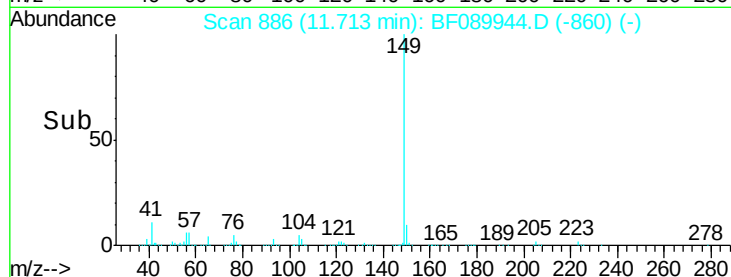
104 4.9 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 33.40 ng

RT: 12.34 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF089944.D

Acq: 31 Aug 2016 12:19

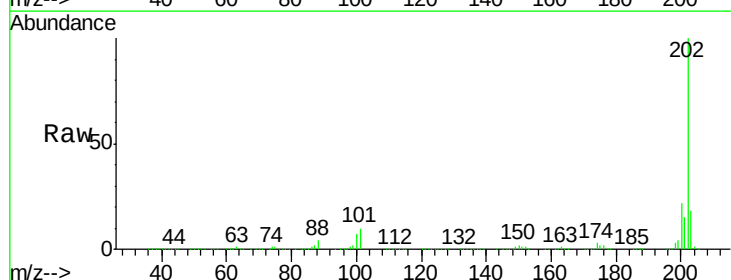
Tgt Ion:202 Resp: 1727246

Ion Ratio Lower Upper

202 100

101 9.8 0.0 28.5

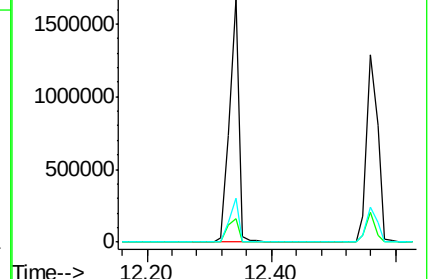
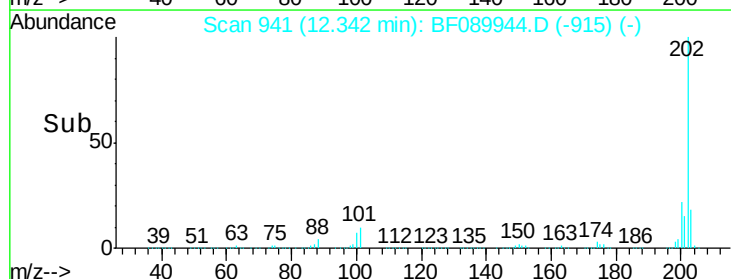
203 18.0 0.0 38.0

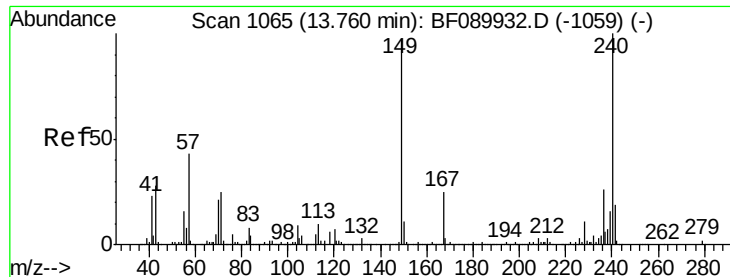


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF089944.D

Acq: 31 Aug 2016 12:19

Instrument :

BNA_F

ClientSampleId :

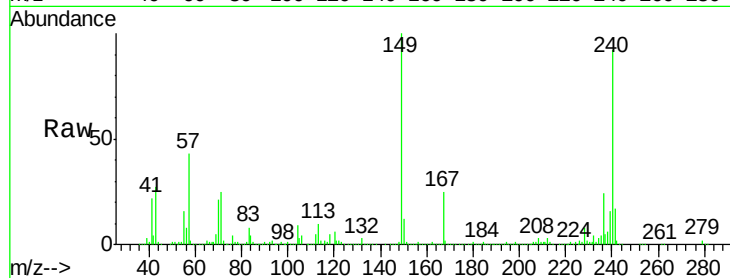
Tot Ion:240 Resp: 616309

Ion Ratio Lower Upper

240 100

120 6.7 5.7 8.5

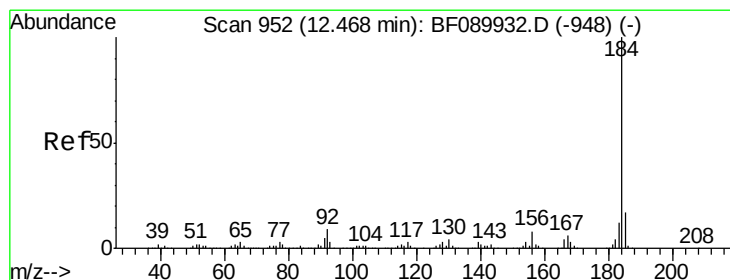
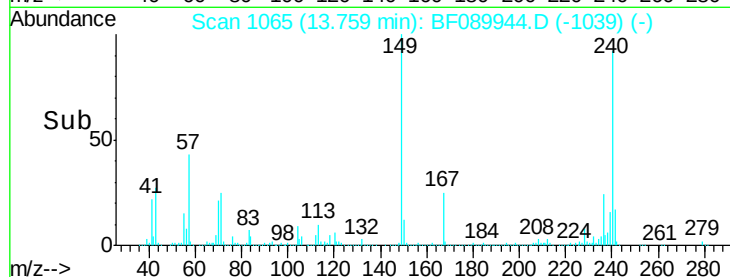
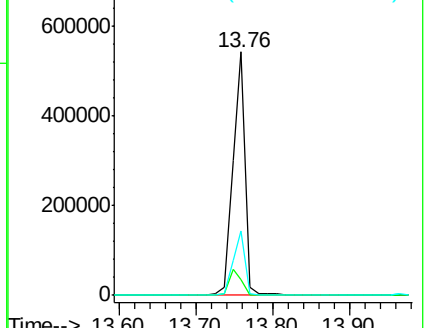
236 26.4 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 6.12 ng

RT: 12.47 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF089944.D

Acq: 31 Aug 2016 12:19

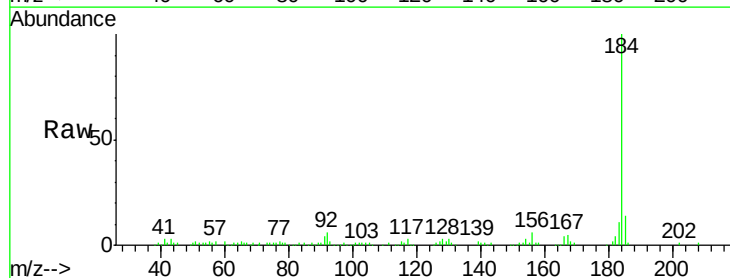
Tgt Ion:184 Resp: 142943

Ion Ratio Lower Upper

184 100

185 14.4 13.8 20.8

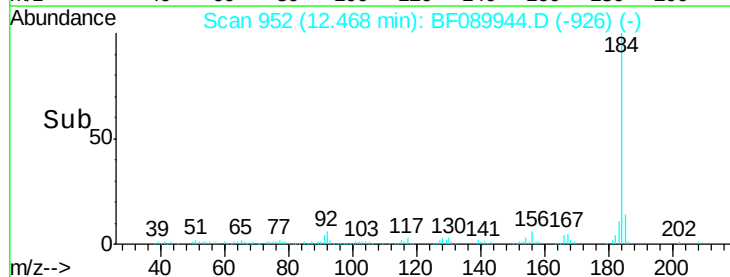
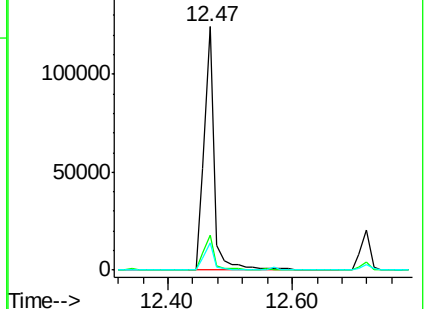
183 11.0 9.6 14.4

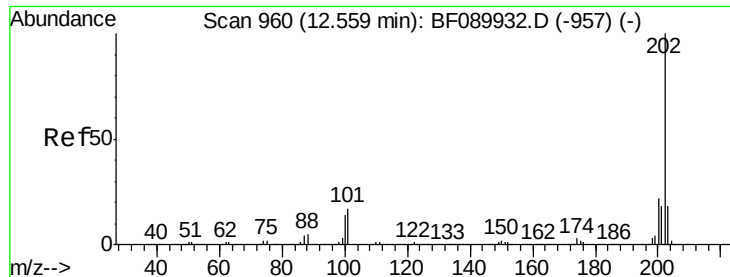


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

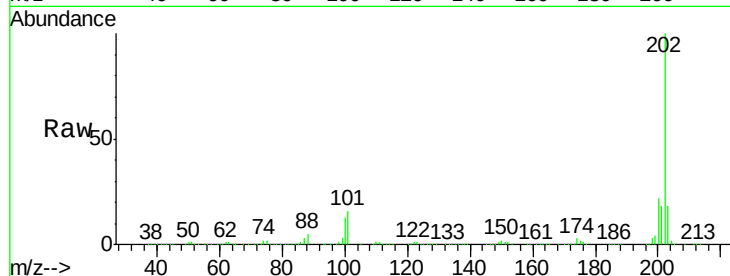




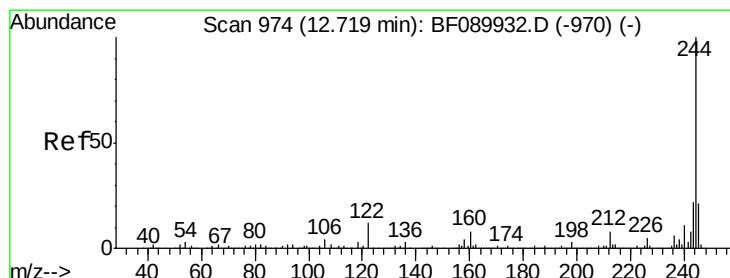
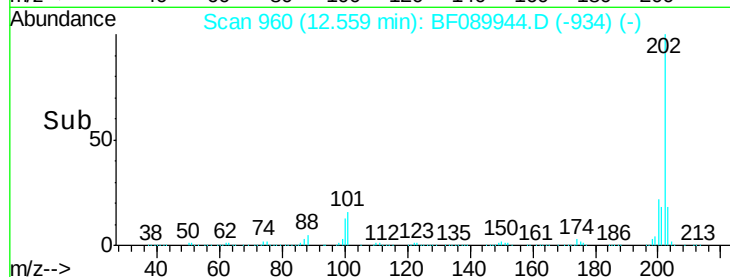
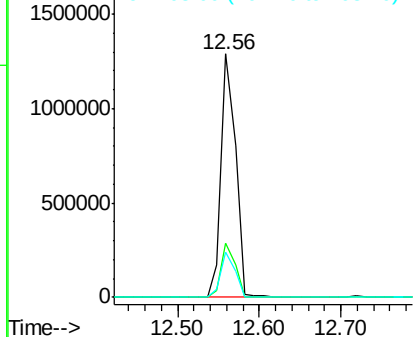
#77
Pvrene
Concen: 36.56 ng
RT: 12.56 min Scan# 960
Delta R.T. -0.00 min
Lab File: BF089944.D
Acq: 31 Aug 2016 12:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1588859
Ion Ratio Lower Upper
202 100
200 22.2 17.6 26.4
203 18.5 14.6 21.8

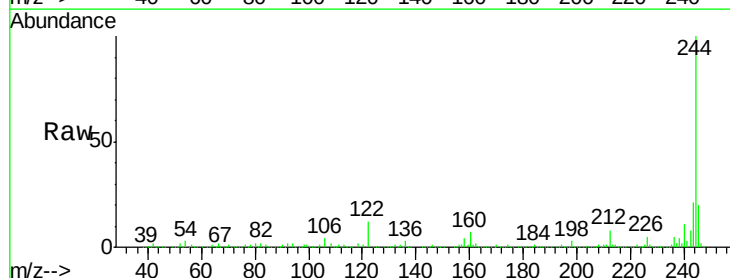


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

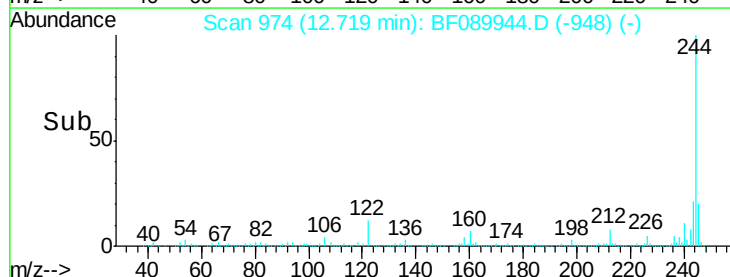
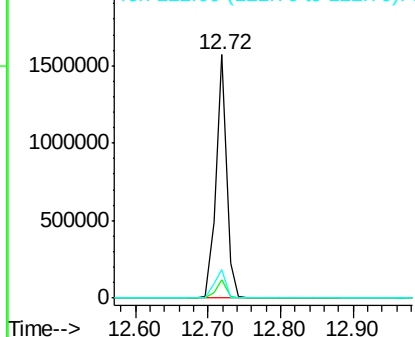


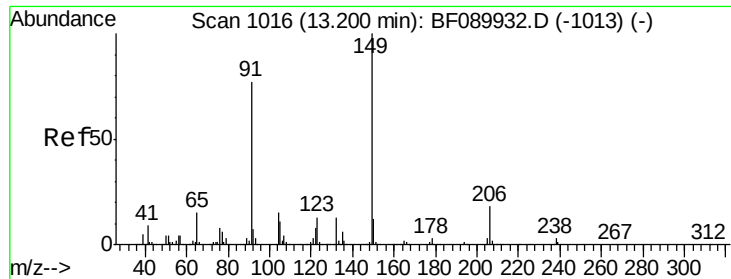
#78
Terphenyl-d14
Concen: 64.46 ng
RT: 12.72 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF089944.D
Acq: 31 Aug 2016 12:19

Tgt Ion:244 Resp: 1608191
Ion Ratio Lower Upper
244 100
212 7.7 6.1 9.1
122 11.8 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

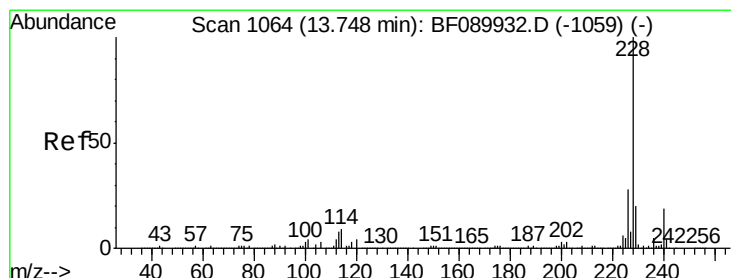
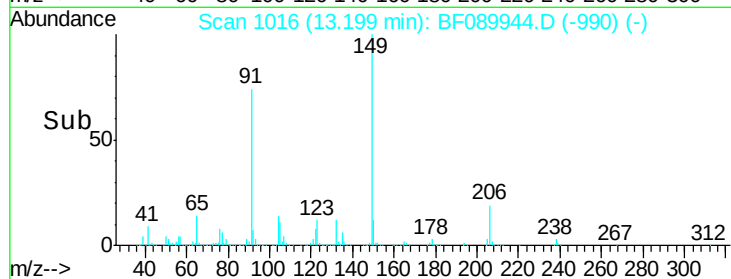
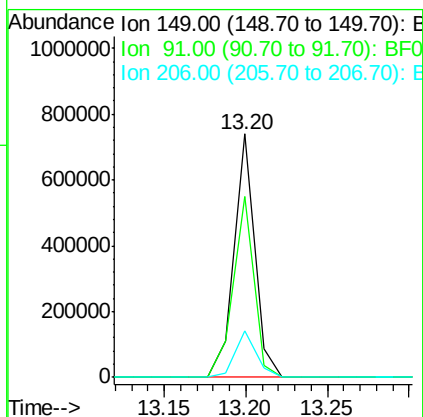
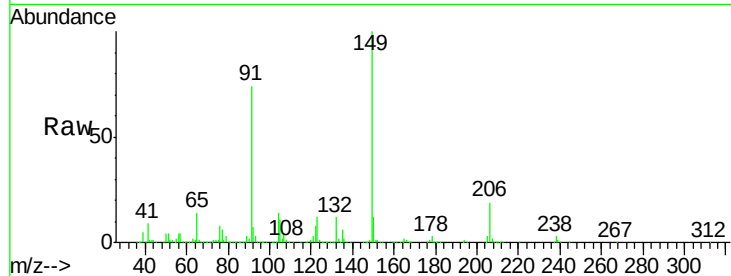




#79
Butylbenzylphthalate
Concen: 36.97 ng
RT: 13.20 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF089944.D
Acq: 31 Aug 2016 12:19

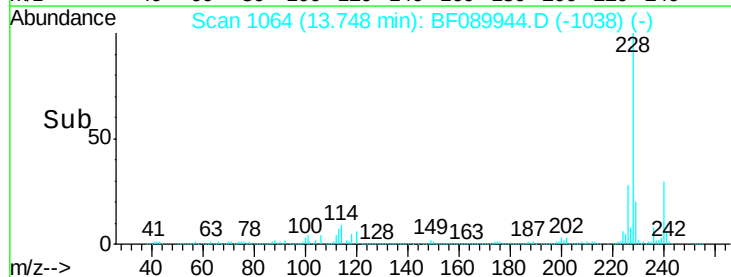
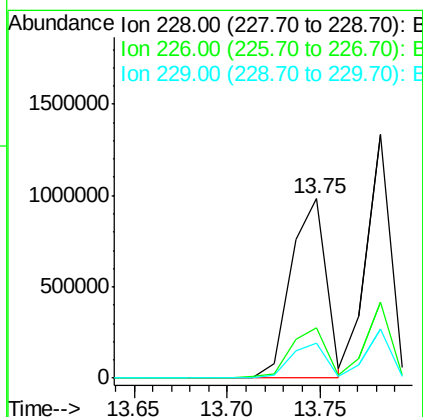
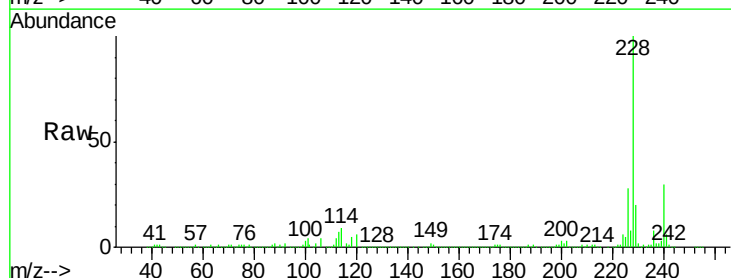
Instrument :
BNA_F
ClientSampled :

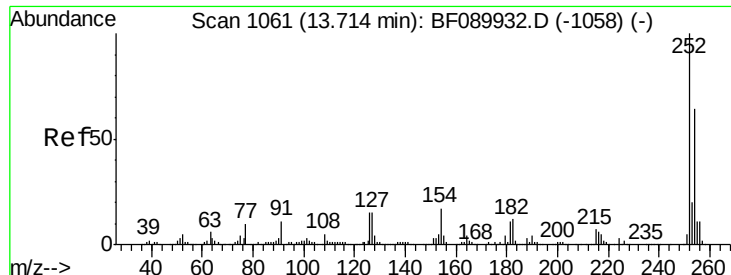
Tot Ion	Ratio	Lower	Upper
149	100		
91	74.1	60.0	90.0
206	18.9	15.1	22.7



#80
Benzo(a)anthracene
Concen: 34.01 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.00 min
Lab File: BF089944.D
Acq: 31 Aug 2016 12:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.2	33.2
229	19.7	15.8	23.6

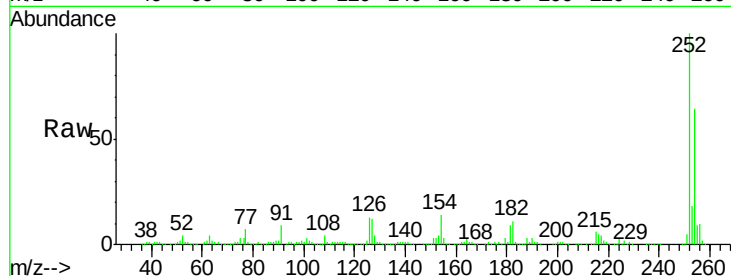




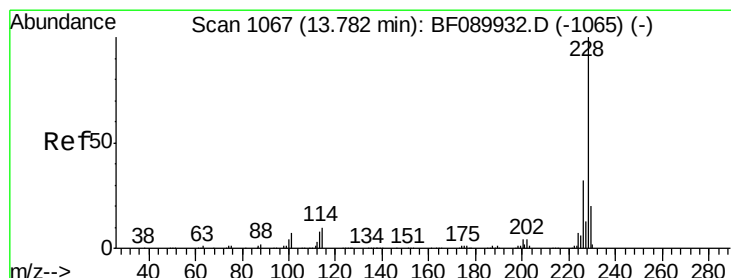
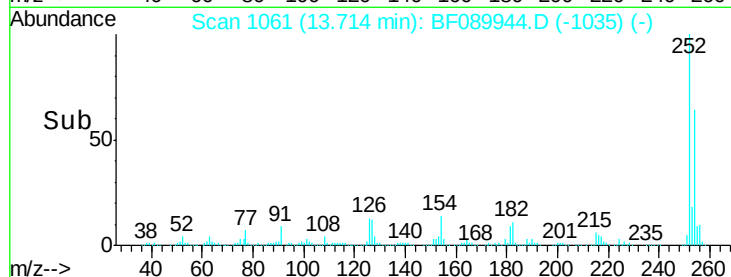
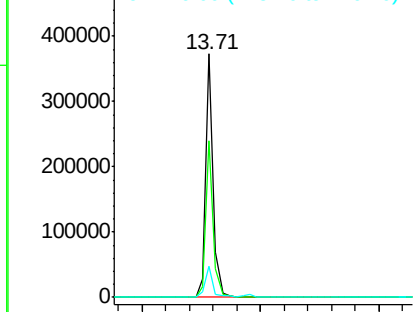
#81
 3,3'-Dichlorobenzidine
 Concen: 24.62 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.00 min
 Lab File: BF089944.D
 Acq: 31 Aug 2016 12:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.3	76.9
126	12.6	12.3	18.5

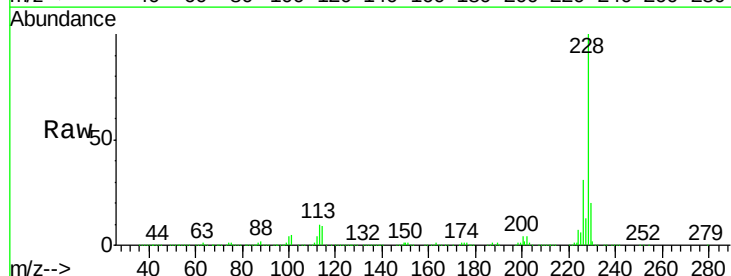


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

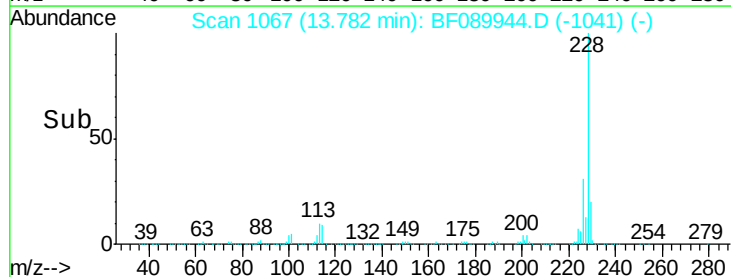
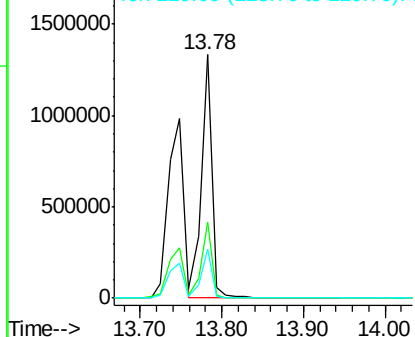


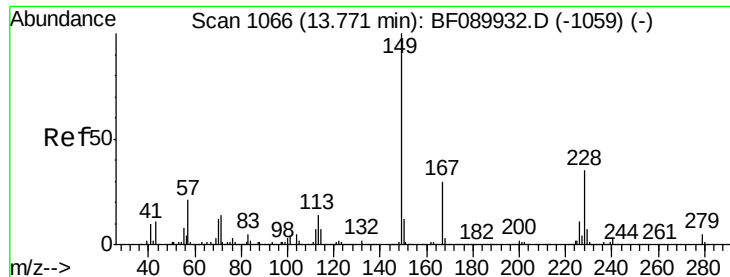
#82
 Chrysene
 Concen: 34.32 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: BF089944.D
 Acq: 31 Aug 2016 12:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.2	37.8
229	20.2	16.2	24.2



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.08 ng

RT: 13.77 min Scan# 1066

Delta R.T. -0.00 min

Lab File: BF089944.D

Acq: 31 Aug 2016 12:19

Instrument :

BNA_F

ClientSampleId :

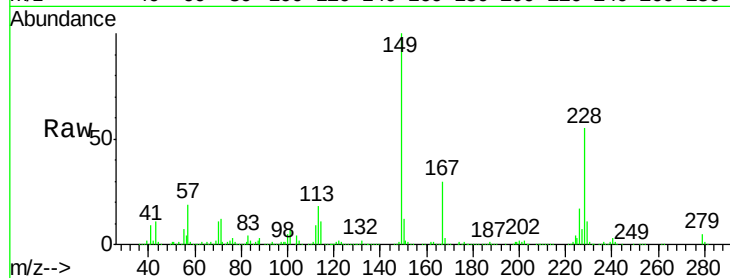
Tot Ion:149 Resp: 850213

Ion Ratio Lower Upper

149 100

167 30.2 23.6 35.4

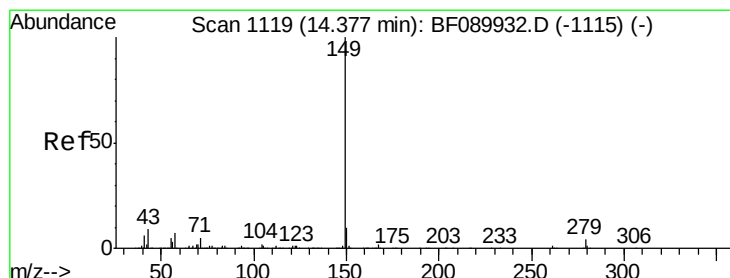
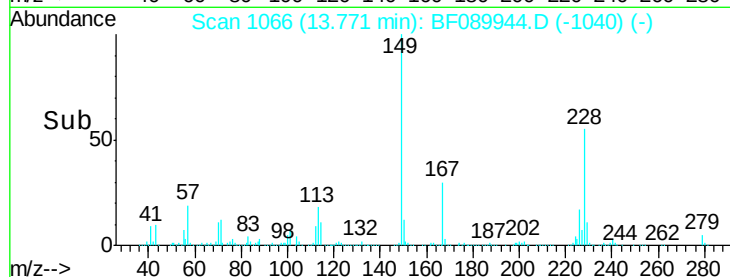
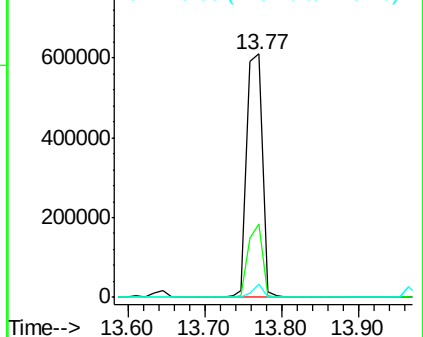
279 5.3 3.4 5.2#



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: 35.51 ng

RT: 14.38 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BF089944.D

Acq: 31 Aug 2016 12:19

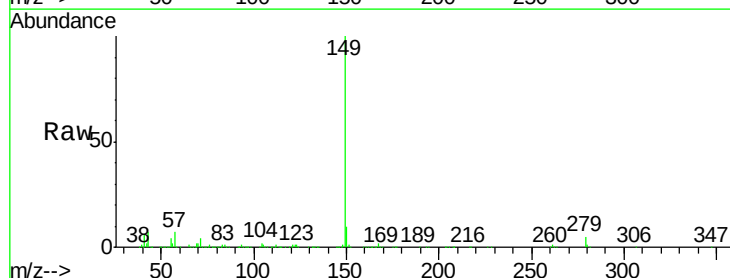
Tgt Ion:149 Resp: 1389257

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

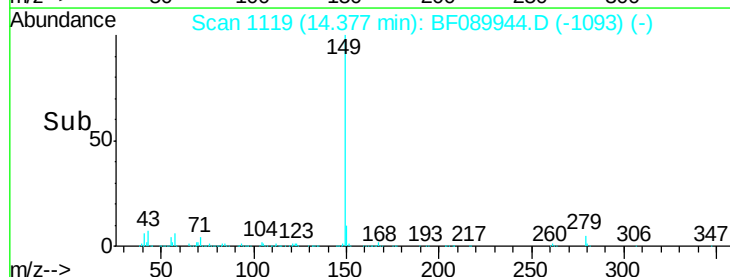
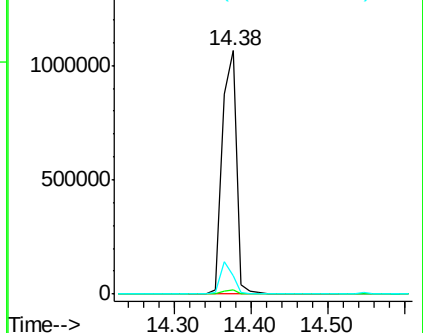
43 11.3 9.3 13.9

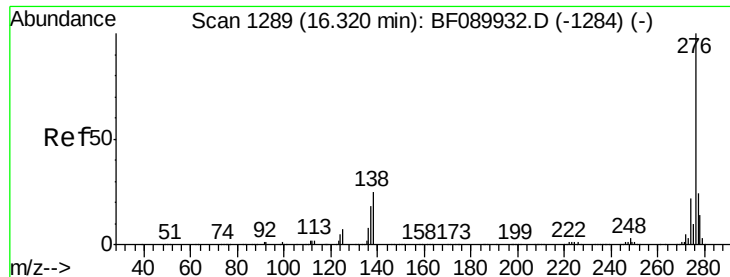


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

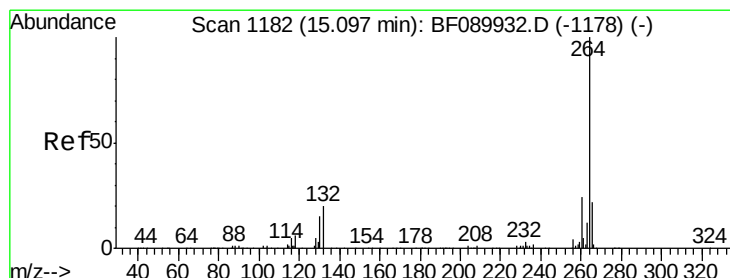
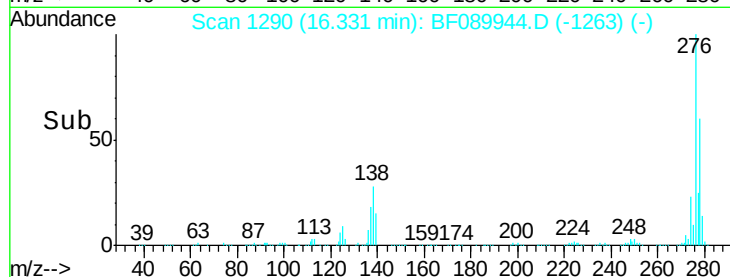
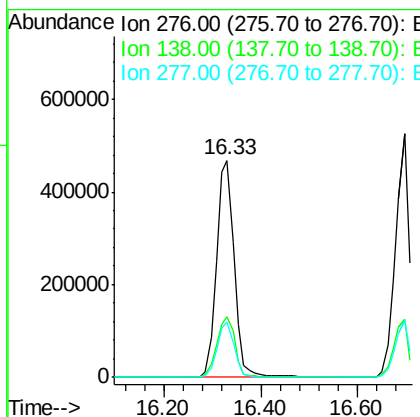
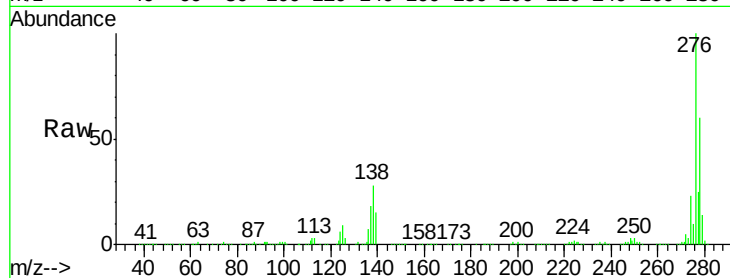




#85
Indeno(1,2,3-cd)pyrene
Concen: 46.14 ng
RT: 16.33 min Scan# 1290
Delta R.T. 0.01 min
Lab File: BF089944.D
Acq: 31 Aug 2016 12:19

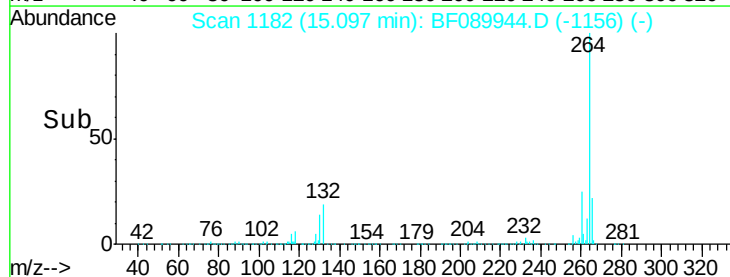
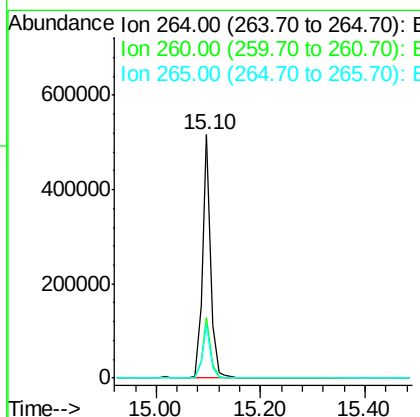
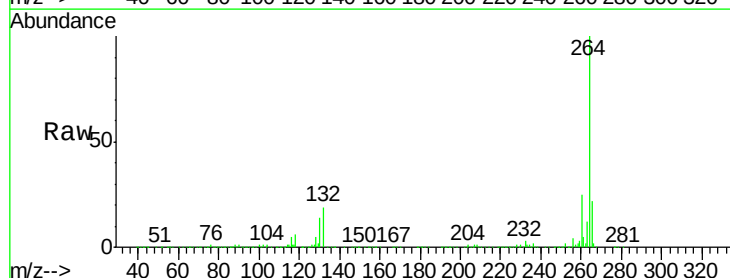
Instrument :
BNA_F
ClientSampleId :

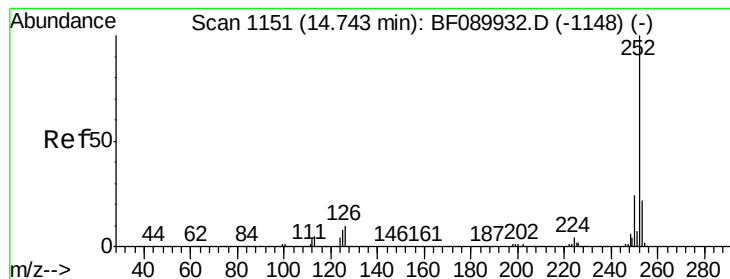
Tot Ion:276 Resp: 1202772
Ion Ratio Lower Upper
276 100
138 29.0 22.6 34.0
277 25.2 20.1 30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.10 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BF089944.D
Acq: 31 Aug 2016 12:19

Tgt Ion:264 Resp: 561447
Ion Ratio Lower Upper
264 100
260 24.8 19.4 29.0
265 21.6 17.4 26.2





#87

Benzo(b)fluoranthene

Concen: 61.40 ng

RT: 14.77 min Scan# 1153

Delta R.T. 0.02 min

Lab File: BF089944.D

Acq: 31 Aug 2016 12:19

Instrument :

BNA_F

ClientSampled :

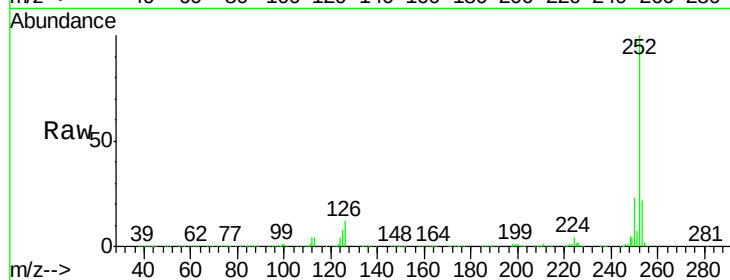
Tot Ion:252 Resp: 2159587

Ion Ratio Lower Upper

252 100

253 21.9 18.0 27.0

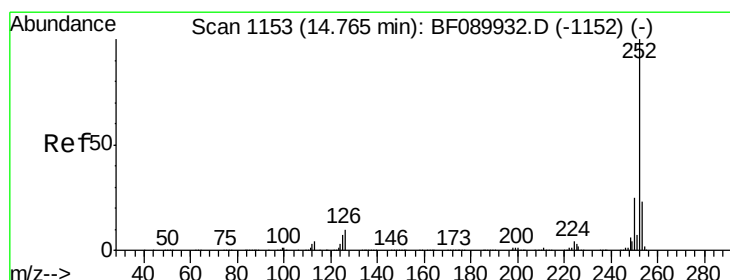
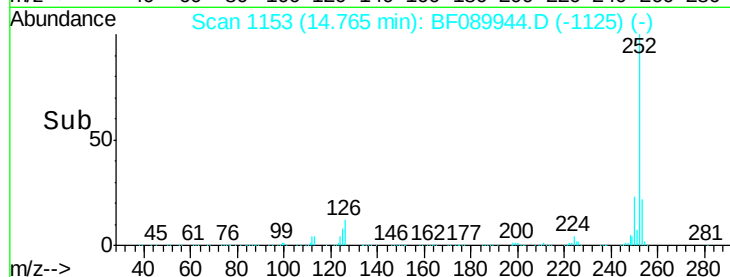
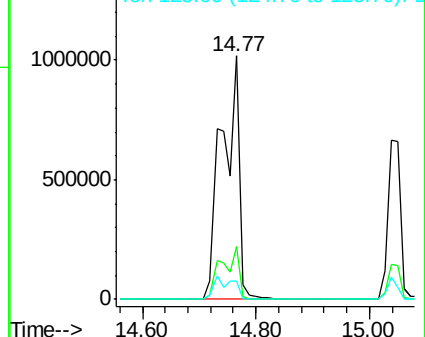
125 7.7 5.7 8.5



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: 72.36 ng

RT: 14.77 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BF089944.D

Acq: 31 Aug 2016 12:19

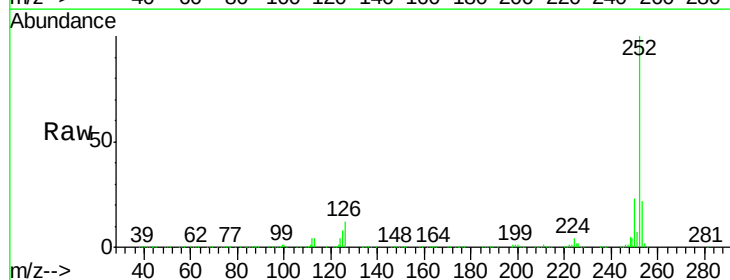
Tgt Ion:252 Resp: 2159587

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

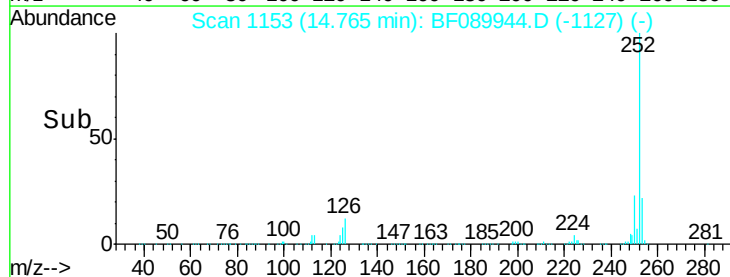
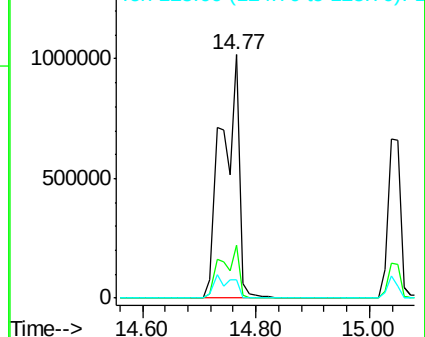
125 7.7 7.3 10.9

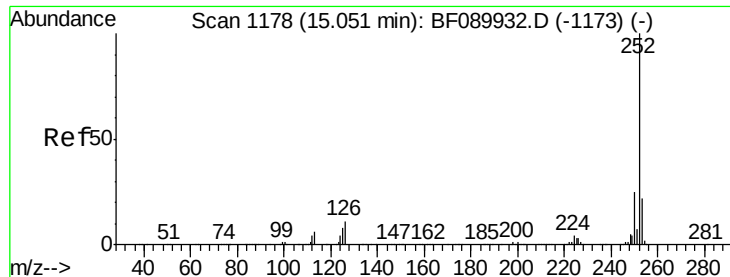


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

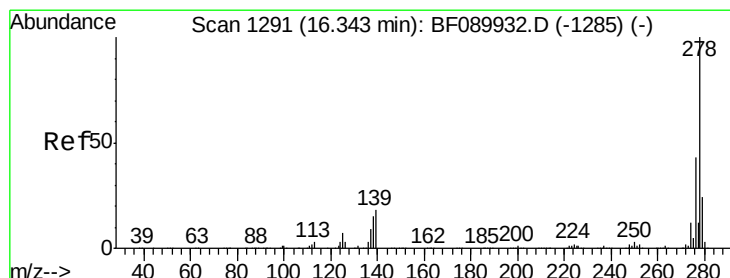
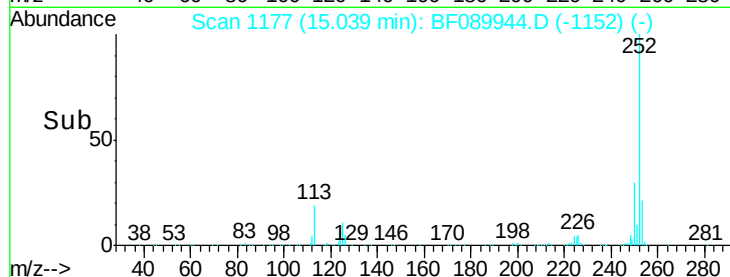
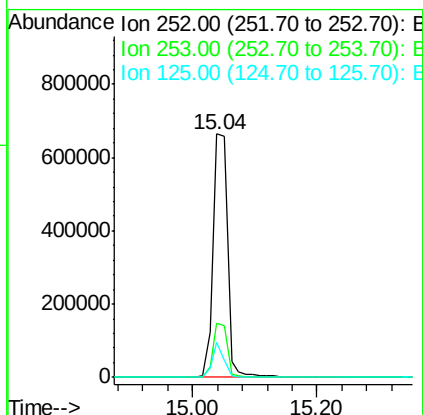
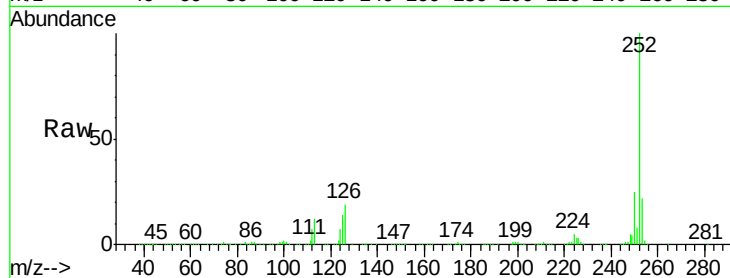




#89
Benzo(a)pyrene
Concen: 34.83 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF089944.D
Acq: 31 Aug 2016 12:19

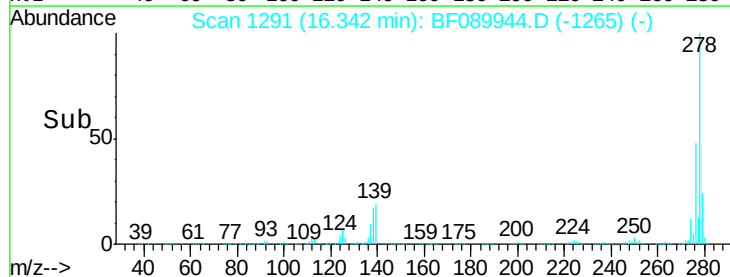
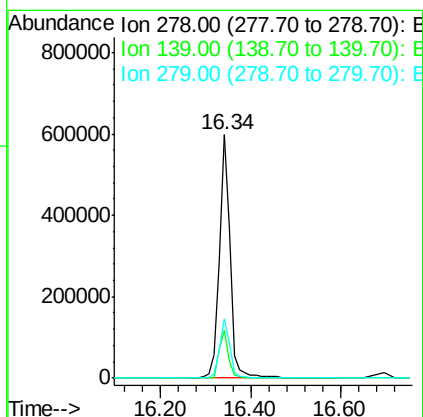
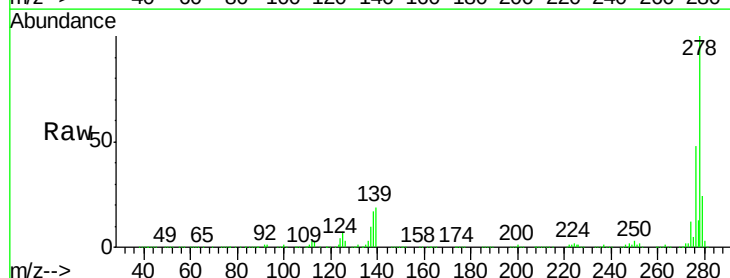
Instrument :
BNA_F
ClientSampleId :

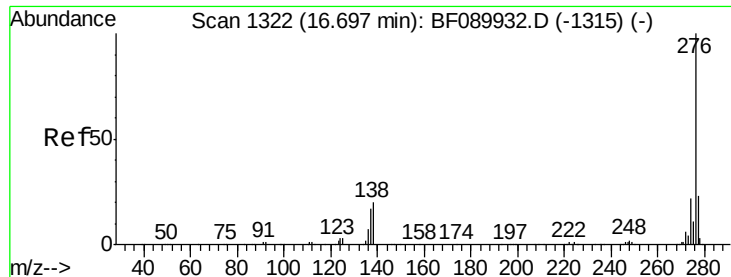
Tot Ion:252 Resp: 1049527
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 14.4 6.3 9.5#



#90
Dibenzo(a,h)anthracene
Concen: 45.08 ng
RT: 16.34 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BF089944.D
Acq: 31 Aug 2016 12:19

Tgt Ion:278 Resp: 995444
Ion Ratio Lower Upper
278 100
139 19.4 13.4 20.2
279 24.2 19.4 29.2



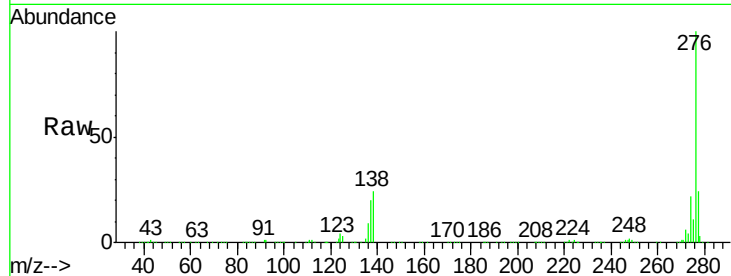


#91
 Benzo(a,h,i)perylene
 Concen: 47.33 ng
 RT: 16.70 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: BF089944.D
 Acq: 31 Aug 2016 12:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1051856

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.0	28.4
138	24.1	16.4	24.6



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

