

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082616\
 Data File : BF089920.D
 Acq On : 26 Aug 2016 21:04
 Operator : UM/SJ
 Sample : PB93109BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93109BSD

Quant Time: Aug 26 23:19:08 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 26 18:51:25 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	324387	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	1278248	20.00	ng	0.00
38) Acenaphthene-d10	9.68	164	594237	20.00	ng	-0.01
63) Phenanthrene-d10	11.15	188	1078942	20.00	ng	0.00
75) Chrysene-d12	13.78	240	757477	20.00	ng	0.00
86) Perylene-d12	15.12	264	668467	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.23	112	1941499	102.64	ng	0.01
7) Phenol-d6	6.30	99	2266607	97.61	ng	0.00
23) Nitrobenzene-d5	7.22	82	1425771	69.30	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	543597	96.26	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	2332661	68.99	ng	0.00
78) Terphenyl-d14	12.74	244	2102905	62.81	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.18	88	256189	27.37	ng	95
3) Pyridine	2.81	79	676003	27.53	ng	92
4) n-Nitrosodimethylamine	2.78	42	303357	33.19	ng	# 78
6) Aniline	6.31	93	845225	27.14	ng	# 32
8) 2-Chlorophenol	6.43	128	745709	32.97	ng	90
9) Benzaldehyde	6.18	77	149373	9.88	ng	97
10) Phenol	6.31	94	766648	28.17	ng	89
11) bis(2-Chloroethyl)ether	6.40	93	763158	36.16	ng	91
12) 1,3-Dichlorobenzene	6.59	146	833850	35.26	ng	# 91
13) 1,4-Dichlorobenzene	6.67	146	811822m	33.40	ng	
14) 1,2-Dichlorobenzene	6.82	146	804432	35.45	ng	97
15) Benzyl Alcohol	6.80	79	522219	33.91	ng	94
16) 2,2'-oxybis(1-Chloropropan	6.95	45	885255	32.78	ng	90
17) 2-Methylphenol	6.92	107	662363	37.39	ng	94
18) Hexachloroethane	7.16	117	297997	34.37	ng	95
19) n-Nitroso-di-n-propylamine	7.08	70	543027	36.57	ng	# 85
20) 3+4-Methylphenols	7.07	107	713254	32.83	ng	# 76
22) Acetophenone	7.07	105	940824	32.05	ng	# 88
24) Nitrobenzene	7.23	77	715941	31.01	ng	100
25) Isophorone	7.48	82	1437324	34.64	ng	95
26) 2-Nitrophenol	7.55	139	390075	33.87	ng	# 83
27) 2,4-Dimethylphenol	7.61	122	721379	34.75	ng	95
28) bis(2-Chloroethoxy)methane	7.70	93	954691	37.18	ng	97
29) 2,4-Dichlorophenol	7.79	162	624710	35.87	ng	92
30) 1,2,4-Trichlorobenzene	7.88	180	679276	35.26	ng	# 95
31) Naphthalene	7.95	128	2074629	34.73	ng	99
32) Benzoic acid	7.74	122	396259	24.50	ng	95
33) 4-Chloroaniline	8.01	127	420763	16.25	ng	# 95
34) Hexachlorobutadiene	8.08	225	334107	33.12	ng	99
35) Caprolactam	8.39	113	200570m	37.81	ng	
36) 4-Chloro-3-methylphenol	8.50	107	671234	35.58	ng	98
37) 2-Methylnaphthalene	8.65	142	1508146	39.02	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	493916	25.67	ng	97
40) Hexachlorocyclopentadiene	8.81	237	656551	98.27	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082616\
 Data File : BF089920.D
 Acq On : 26 Aug 2016 21:04
 Operator : UM/SJ
 Sample : PB93109BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93109BSD

Quant Time: Aug 26 23:19:08 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 26 18:51:25 2016
 Response via : Initial Calibration

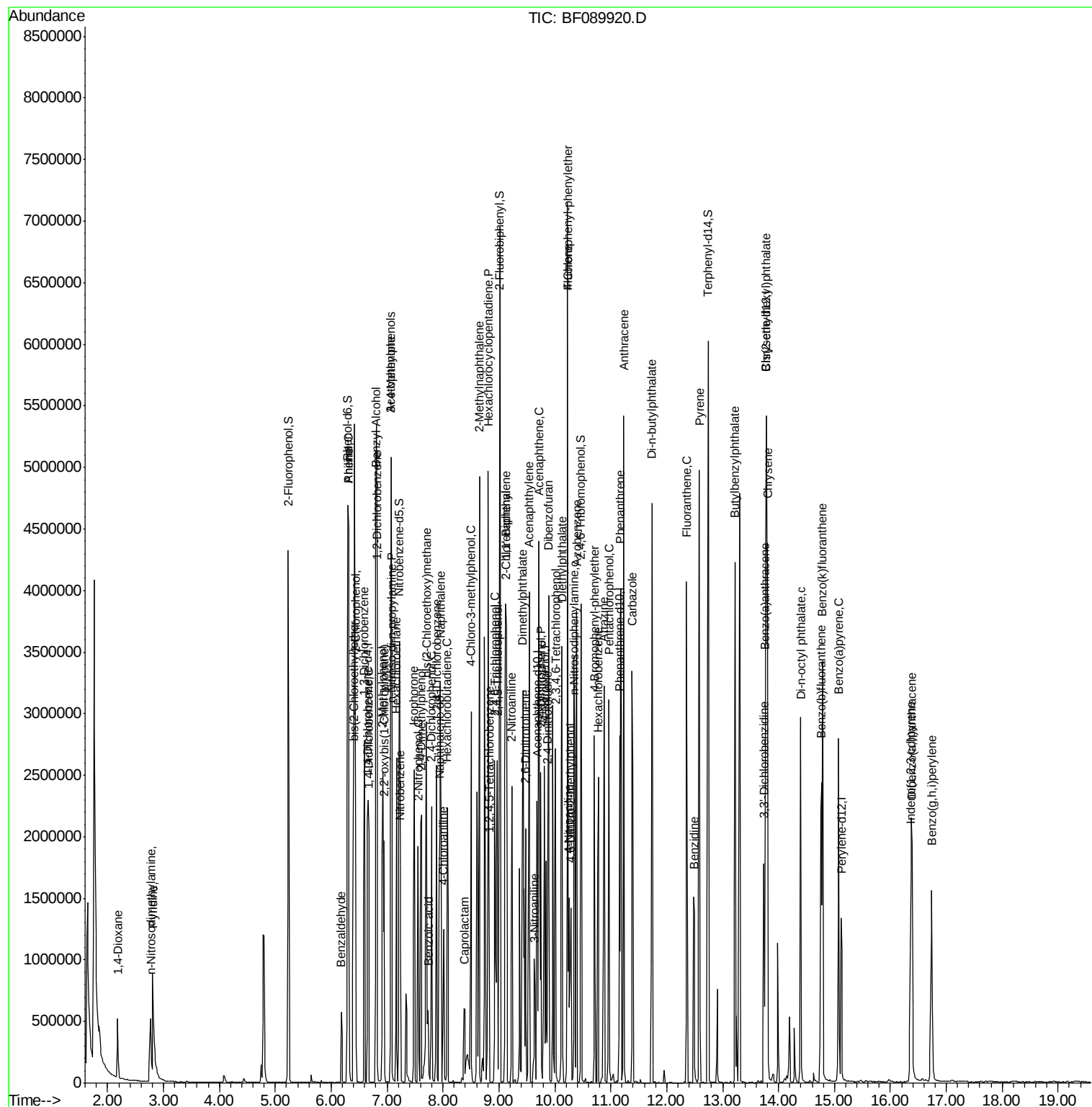
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	433321	35.79	nq	99
43) 2,4,5-Trichlorophenol	8.97	196	450774	37.44	nq	99
45) 1,1'-Biphenyl	9.12	154	1546771	33.64	nq	93
46) 2-Chloronaphthalene	9.13	162	1252232	34.45	nq	98
47) 2-Nitroaniline	9.23	65	439395	42.38	nq	# 81
48) Acenaphthylene	9.54	152	1950340	35.70	nq	100
49) Dimethylphthalate	9.43	163	1675570	40.05	nq	99
50) 2,6-Dinitrotoluene	9.47	165	328056	33.96	nq	88
51) Acenaphthene	9.71	154	1381314	38.21	nq	99
52) 3-Nitroaniline	9.64	138	264246	24.69	nq	# 70
53) 2,4-Dinitrophenol	9.75	184	345894	65.94	nq	94
54) Dibenzofuran	9.88	168	1709371	37.64	nq	98
55) 4-Nitrophenol	9.82	139	704476	80.64	nq	95
56) 2,4-Dinitrotoluene	9.87	165	443693	35.40	nq	# 61
57) Fluorene	10.23	166	1174854	32.47	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.01	232	380885m	43.46	nq	
59) Diethylphthalate	10.12	149	1627770	38.30	nq	97
60) 4-Chlorophenyl-phenylether	10.23	204	562510	34.08	nq	100
61) 4-Nitroaniline	10.25	138	387730	38.64	nq	98
62) Azobenzene	10.39	77	1679029	42.02	nq	92
64) 4,6-Dinitro-2-methylphenol	10.28	198	273830	44.16	nq	# 69
65) n-Nitrosodiphenylamine	10.35	169	1322491	38.98	nq	100
66) 4-Bromophenyl-phenylether	10.71	248	390727	34.54	nq	# 66
67) Hexachlorobenzene	10.78	284	475737	36.87	nq	98
68) Atrazine	10.88	200	376837	36.27	nq	98
69) Pentachlorophenol	10.97	266	544499	74.44	nq	97
70) Phenanthrene	11.18	178	1963494	36.03	nq	99
71) Anthracene	11.23	178	2162391	39.04	nq	99
72) Carbazole	11.38	167	1995998	40.17	nq	99
73) Di-n-butylphthalate	11.74	149	2367373	38.08	nq	99
74) Fluoranthene	12.35	202	1984341	38.28	nq	94
76) Benzidine	12.49	184	904726	36.91	nq	95
77) Pyrene	12.58	202	1925216	31.21	nq	97
79) Butylbenzylphthalate	13.22	149	1067623	38.32	nq	98
80) Benzo(a)anthracene	13.76	228	1715605	39.55	nq	99
81) 3,3'-Dichlorobenzidine	13.74	252	355892	25.02	nq	# 97
82) Chrysene	13.81	228	1581994	42.54	nq	99
83) Bis(2-ethylhexyl)phthalate	13.78	149	1355416	35.32	nq	# 97
84) Di-n-octyl phthalate	14.40	149	2266241	44.44	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.37	276	1375499	28.99	nq	99
87) Benzo(b)fluoranthene	14.77	252	1704836m	46.36	nq	
88) Benzo(k)fluoranthene	14.79	252	1073891m	32.19	nq	
89) Benzo(a)pyrene	15.07	252	1278451	36.73	nq	98
90) Dibenzo(a,h)anthracene	16.39	278	1148344	30.40	nq	99
91) Benzo(g,h,i)perylene	16.74	276	1190758	29.93	nq	97

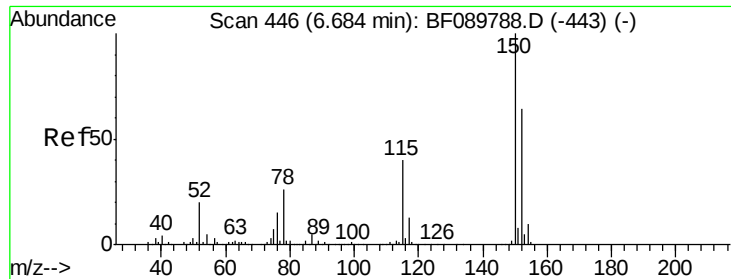
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082616\
Data File : BF089920.D
Acq On : 26 Aug 2016 21:04
Operator : UM/SJ
Sample : PB93109BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB93109BSD

Quant Time: Aug 26 23:19:08 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 26 18:51:25 2016
Response via : Initial Calibration



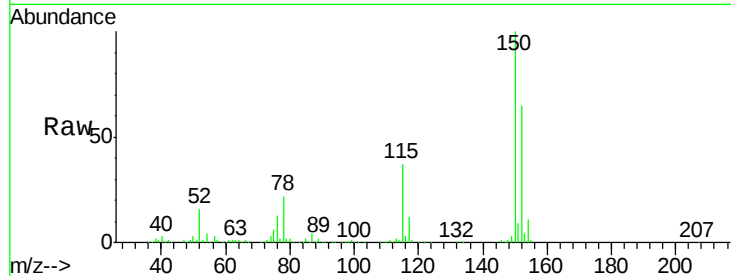


#1

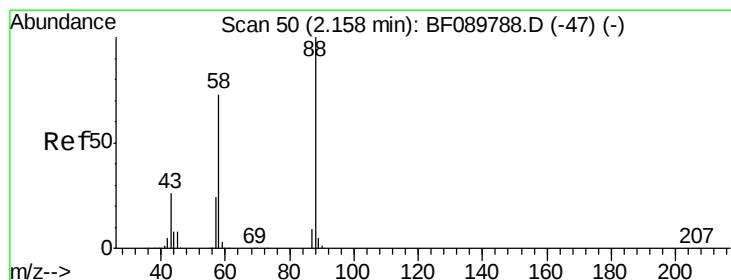
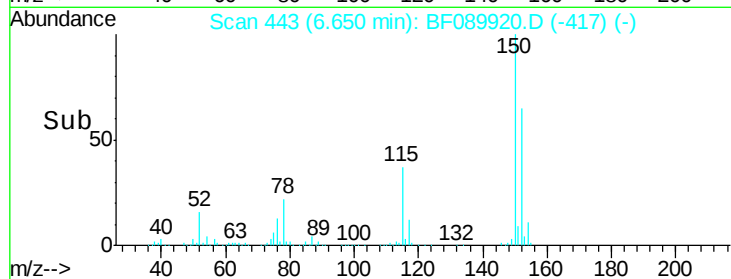
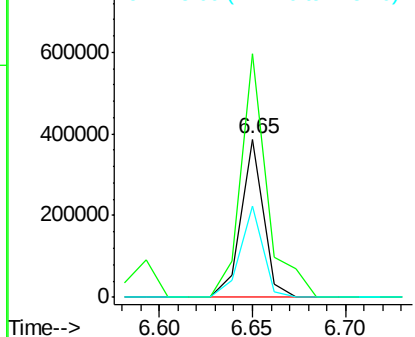
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF089920.D
Acq: 26 Aug 2016 21:04

Instrument :
BNA_F
ClientSampleId :
PB93109BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	125.3	187.9
115	57.4	40.9	61.3



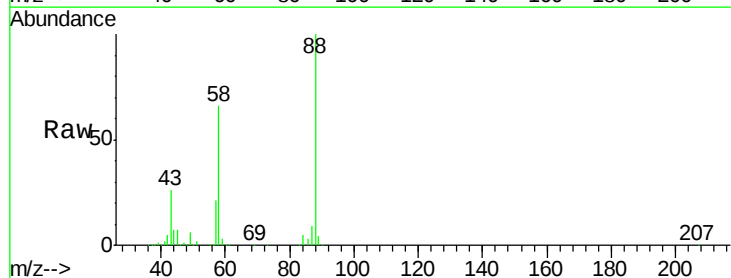
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



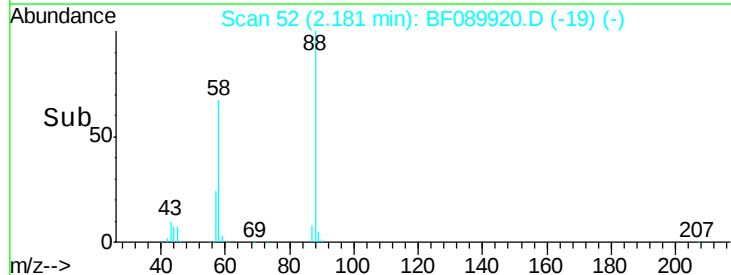
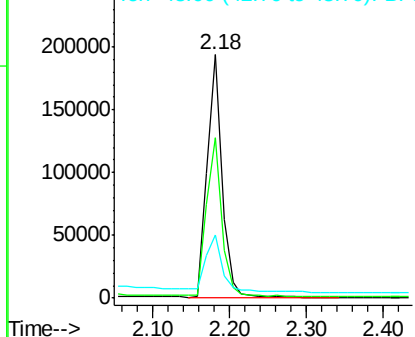
#2

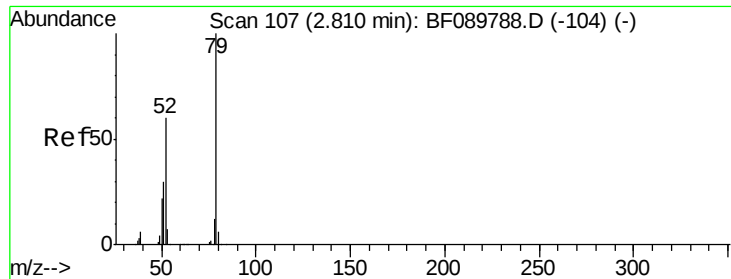
1,4-Dioxane
Concen: 27.37 ng
RT: 2.18 min Scan# 52
Delta R.T. 0.08 min
Lab File: BF089920.D
Acq: 26 Aug 2016 21:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.2	57.0	85.4
43	26.1	21.8	32.8



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





#3

Pvridine

Concen: 27.53 ng

RT: 2.81 min Scan# 107

Delta R.T. 0.07 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

Instrument :

BNA_F

ClientSampleId :

PB93109BSD

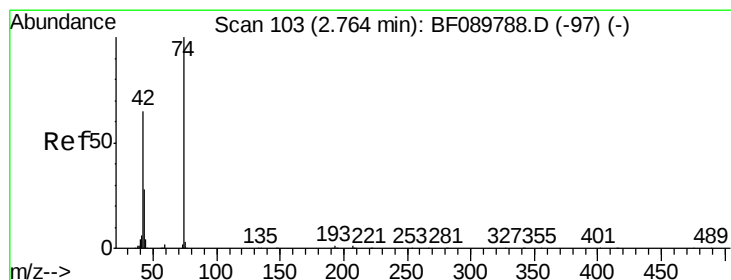
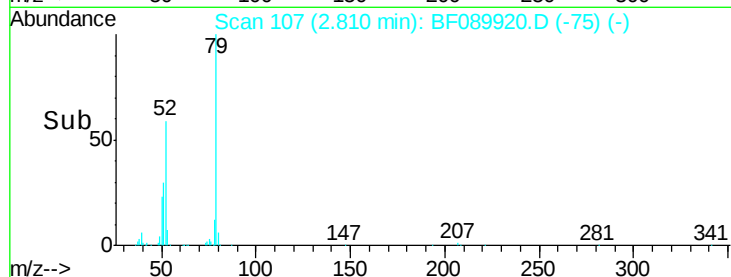
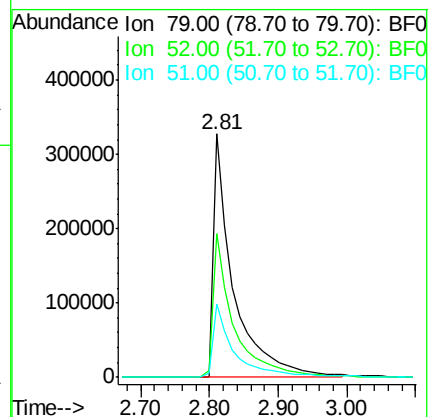
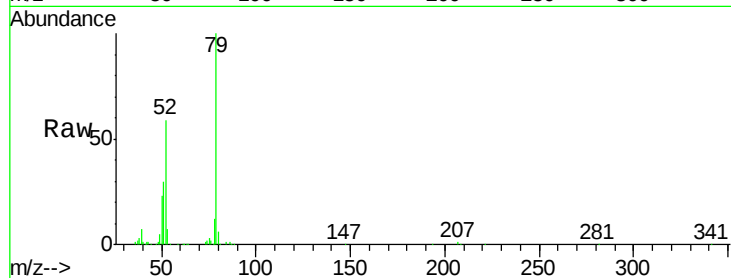
Tot Ion: 79 Resp: 676003

Ion Ratio Lower Upper

79 100

52 59.1 53.6 80.4

51 30.1 26.6 39.8



#4

n-Nitrosodimethylamine

Concen: 33.19 ng

RT: 2.78 min Scan# 104

Delta R.T. 0.07 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

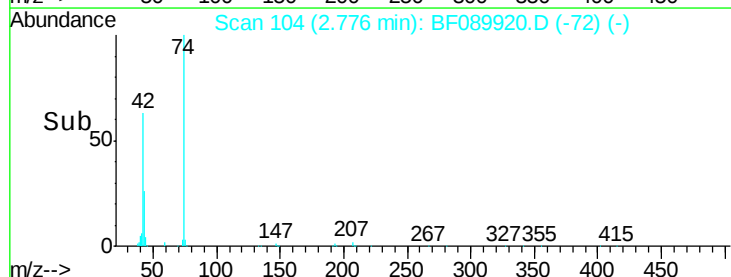
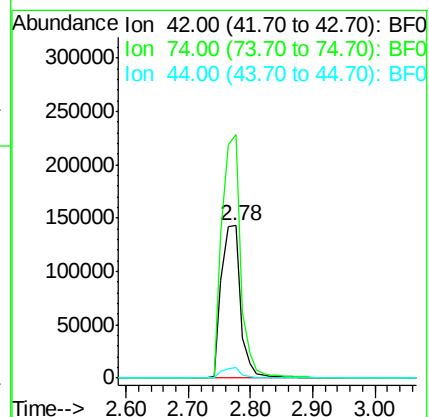
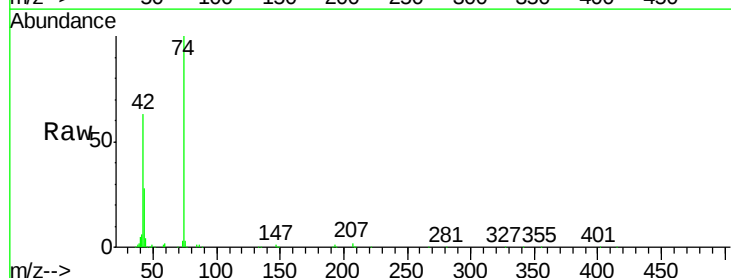
Tgt Ion: 42 Resp: 303357

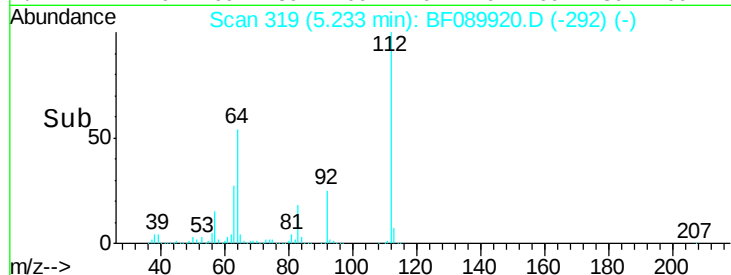
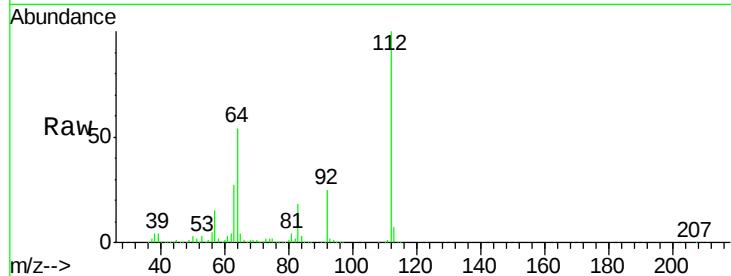
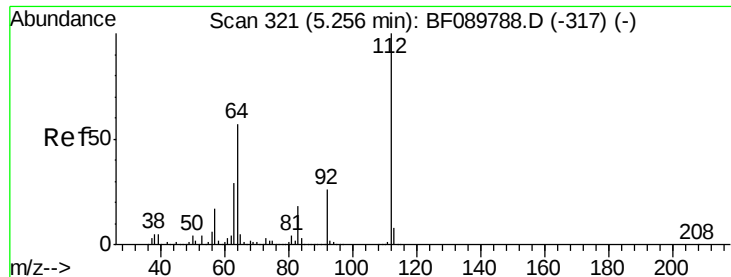
Ion Ratio Lower Upper

42 100

74 159.5 106.2 159.2#

44 6.7 6.9 10.3#

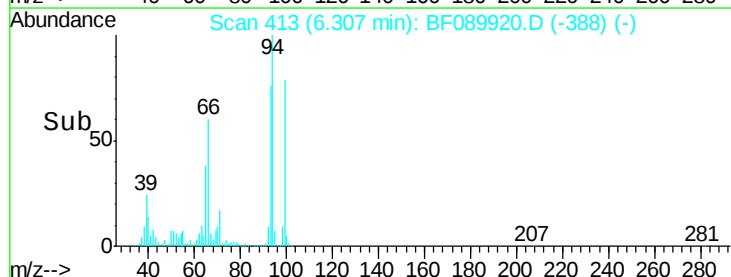
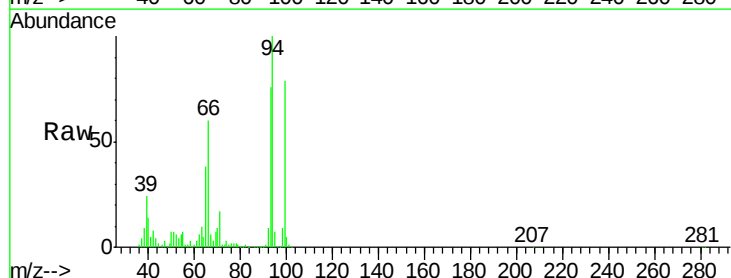
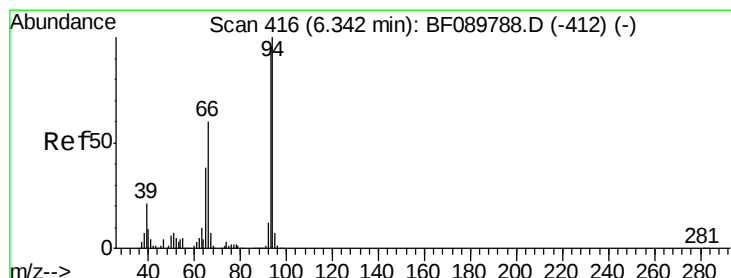
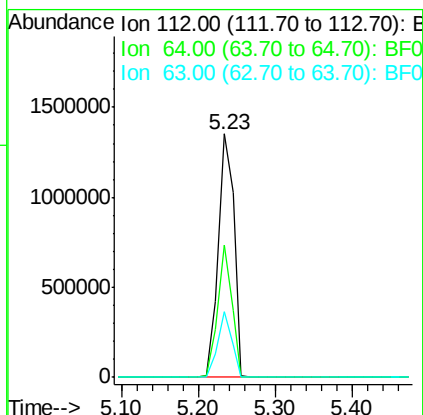




#5
2-Fluorophenol
Concen: 102.64 ng
RT: 5.23 min Scan# 319
Delta R.T. 0.01 min
Lab File: BF089920.D
Acq: 26 Aug 2016 21:04

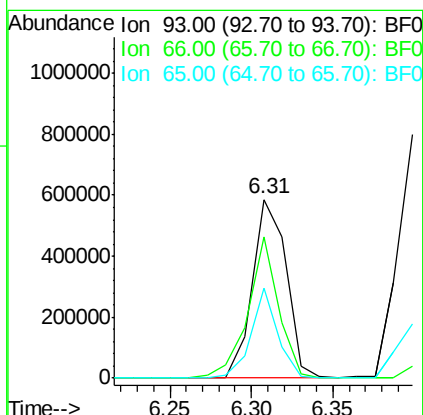
Instrument :
BNA_F
ClientSampleId :
PB93109BSD

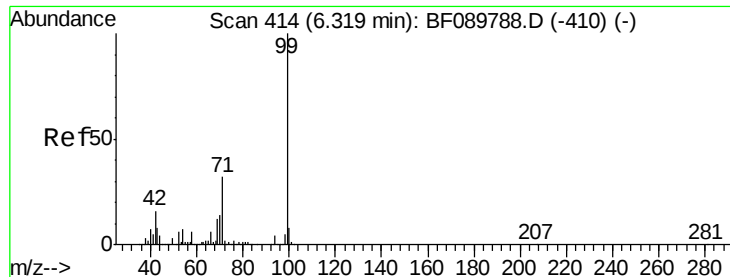
Tot Ion:112 Resp: 1941499
Ion Ratio Lower Upper
112 100
64 54.2 45.0 67.4
63 27.0 23.1 34.7



#6
Aniline
Concen: 27.14 ng
RT: 6.31 min Scan# 413
Delta R.T. -0.01 min
Lab File: BF089920.D
Acq: 26 Aug 2016 21:04

Tgt Ion: 93 Resp: 845225
Ion Ratio Lower Upper
93 100
66 78.9 30.6 46.0#
65 50.4 15.4 23.2#





#7

Phenol-d6

Concen: 97.61 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

Instrument :

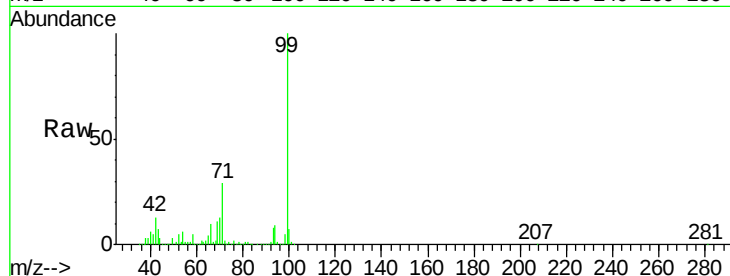
BNA_F

ClientSampleId :

PB93109BSD

Tot Ion: 99 Resp: 2266607

Ion	Ratio	Lower	Upper
99	100		
42	13.2	12.2	18.4
71	29.5	23.8	35.8

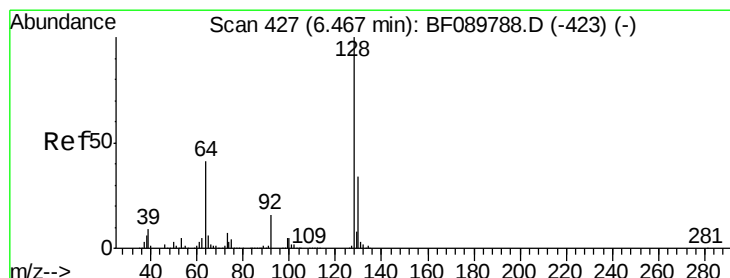
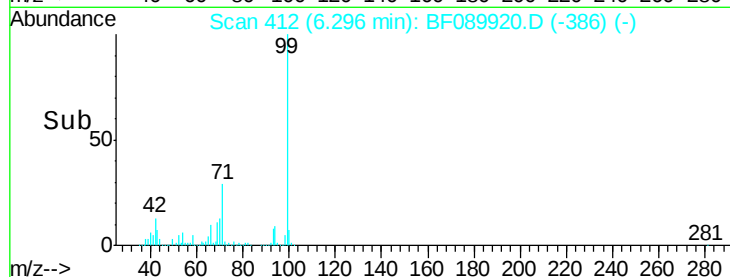
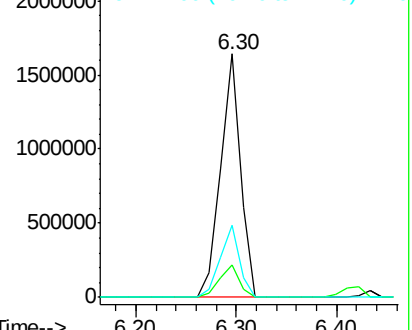


Abundance

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: 32.97 ng

RT: 6.43 min Scan# 424

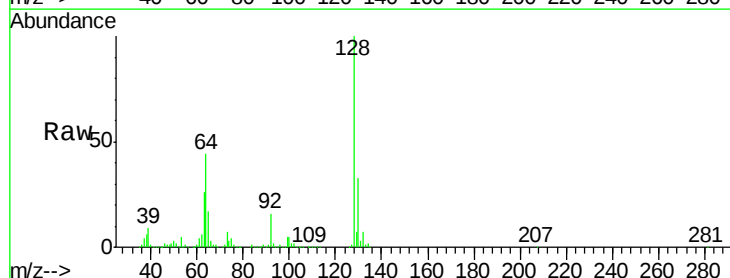
Delta R.T. -0.00 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

Tgt Ion: 128 Resp: 745709

Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.0	52.0
64	44.1	35.1	75.1

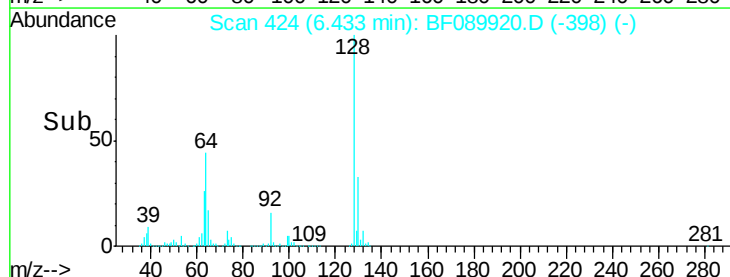
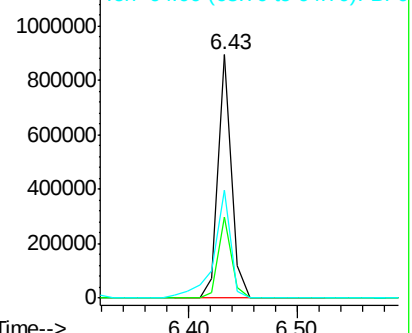


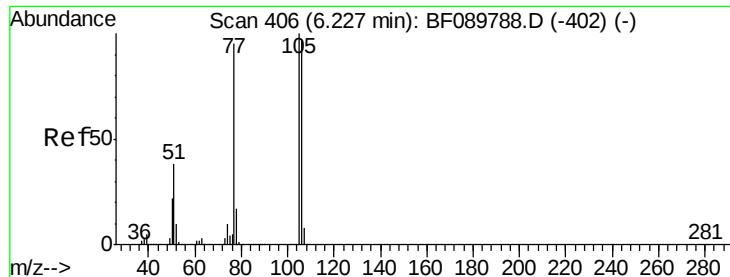
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 9.88 ng

RT: 6.18 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

Instrument :

BNA_F

ClientSampleId :

PB93109BSD

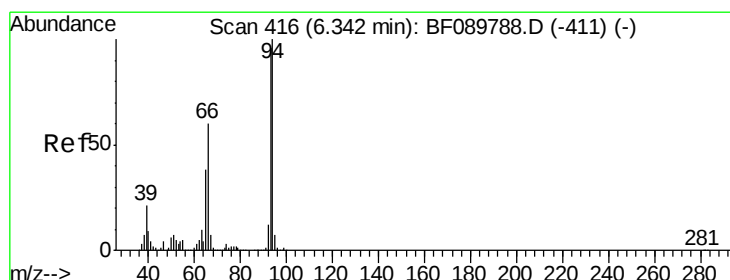
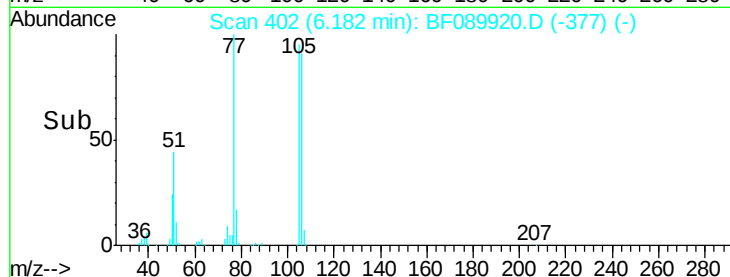
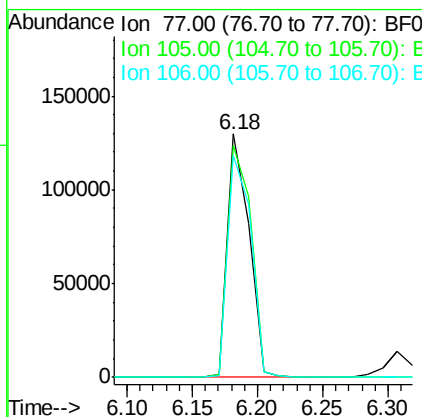
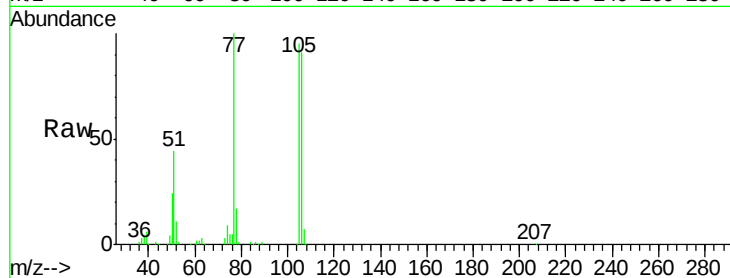
Tot Ion: 77 Resp: 149373

Ion Ratio Lower Upper

77 100

105 95.5 73.3 113.3

106 91.2 68.6 108.6



#10

Phenol

Concen: 28.17 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.00 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

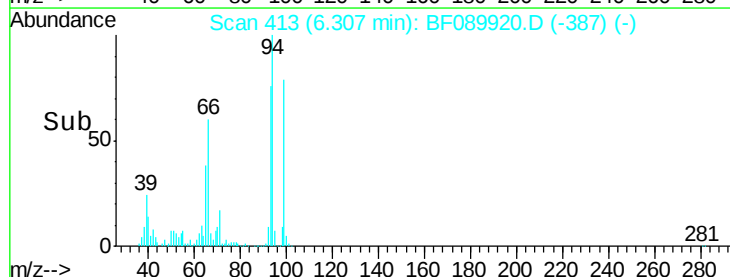
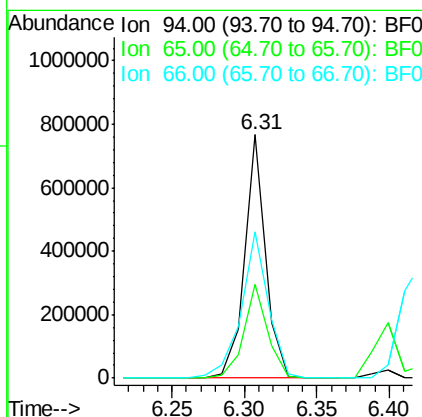
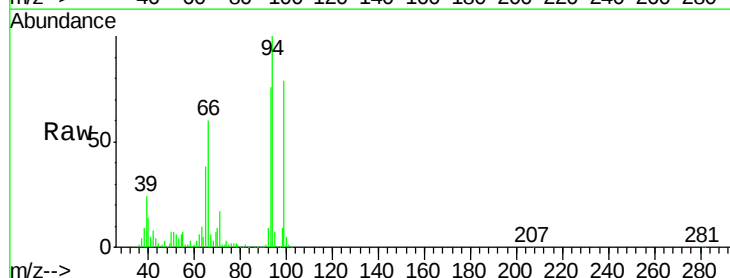
Tgt Ion: 94 Resp: 766648

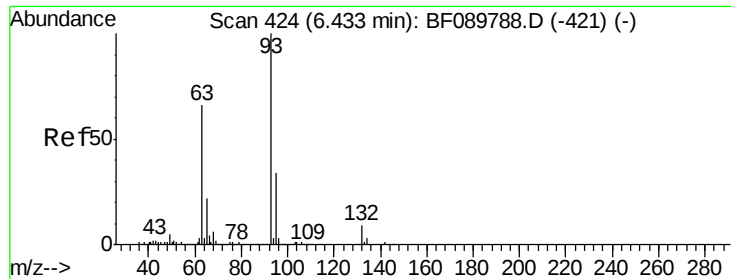
Ion Ratio Lower Upper

94 100

65 38.5 14.0 54.0

66 60.3 31.2 71.2





#11

bis(2-Chloroethyl)ether

Concen: 36.16 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

Instrument :

BNA_F

ClientSampleId :

PB93109BSD

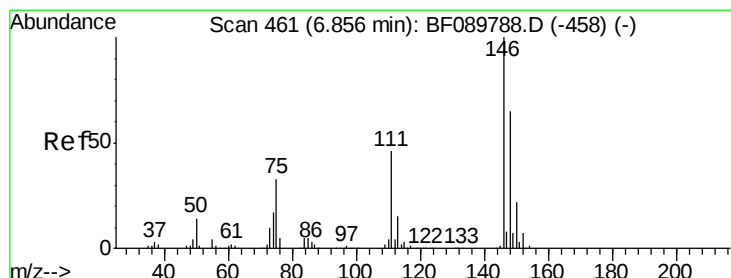
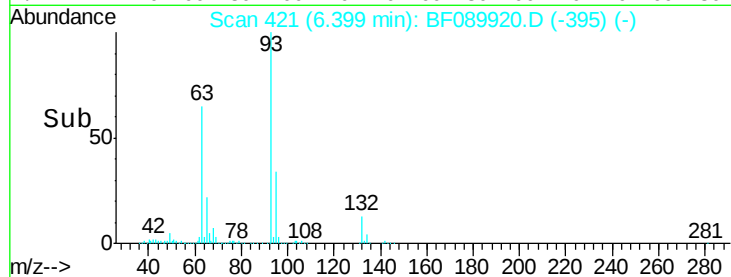
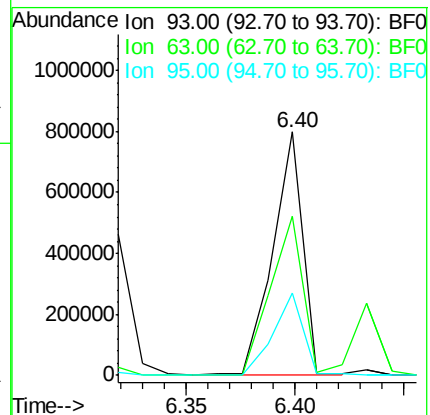
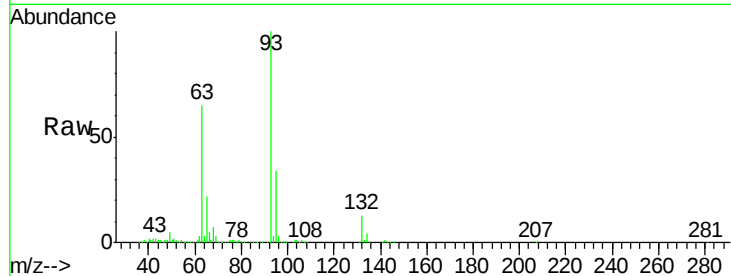
Tot Ion: 93 Resp: 763158

Ion Ratio Lower Upper

93 100

63 65.1 55.8 95.8

95 33.6 13.0 53.0



#12

1,3-Dichlorobenzene

Concen: 35.26 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.00 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

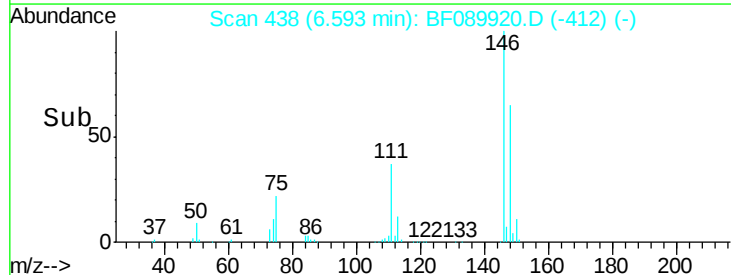
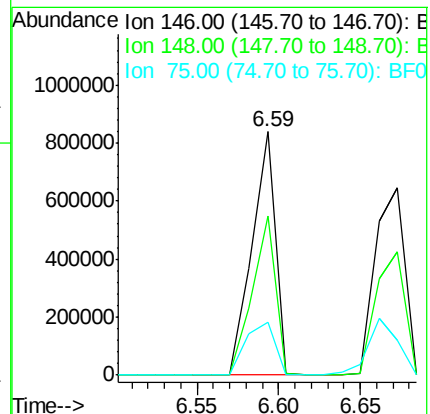
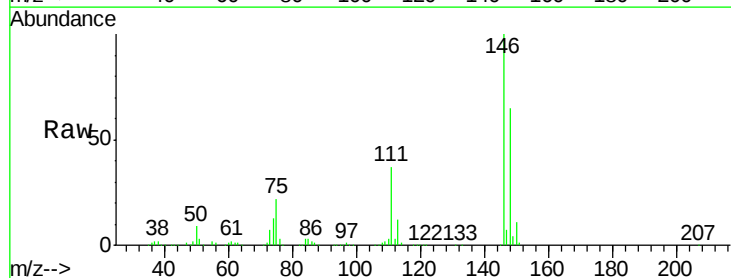
Tgt Ion: 146 Resp: 833850

Ion Ratio Lower Upper

146 100

148 65.4 51.0 76.4

75 21.9 27.0 40.6#





#13

1,4-Dichlorobenzene

Concen: 33.40 ng/mL

RT: 6.67 min Scan# 445

Delta R.T. -0.00 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

Instrument :

BNA_F

ClientSampleID :

PB93109BSD

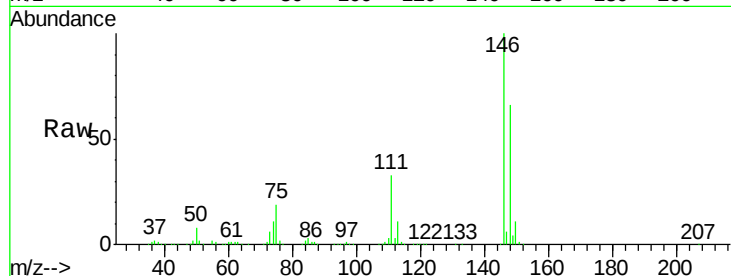
Tot Ion:146 Resp: 811822

Ion Ratio Lower Upper

146 100

148 65.5 51.0 76.6

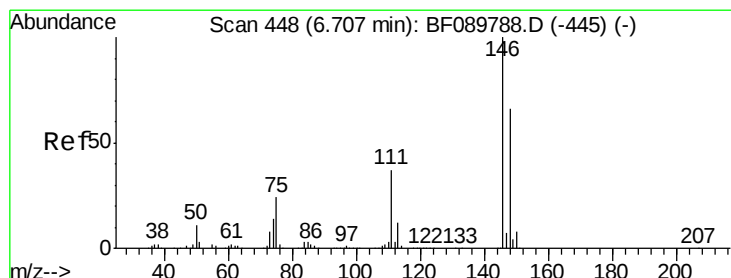
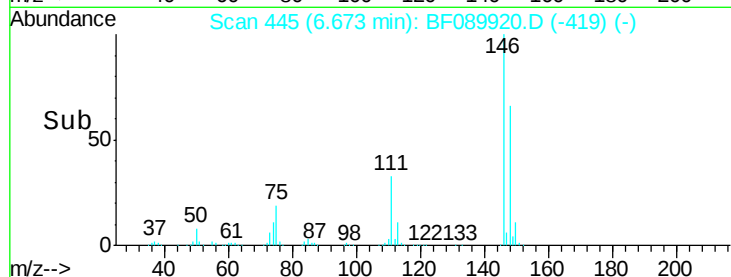
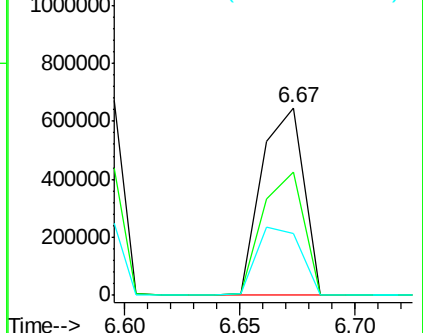
111 33.1 34.6 52.0#



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: 35.45 ng/mL

RT: 6.82 min Scan# 458

Delta R.T. -0.00 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

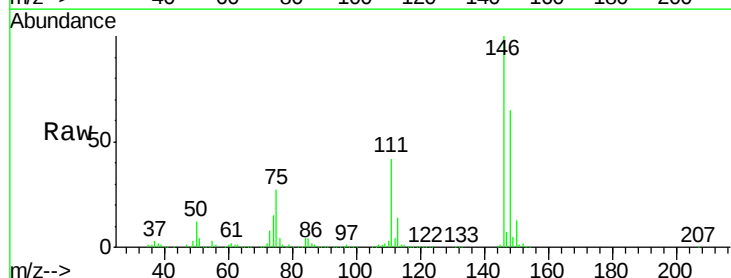
Tgt Ion:146 Resp: 804432

Ion Ratio Lower Upper

146 100

148 64.8 52.2 78.2

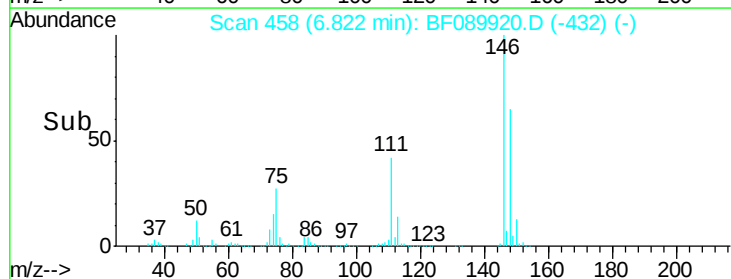
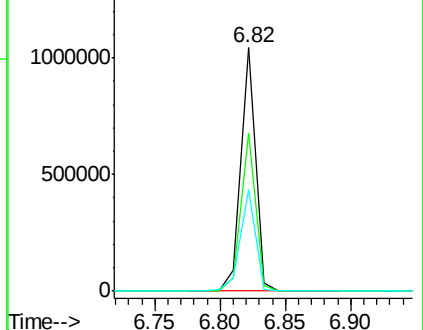
111 41.9 29.8 44.6

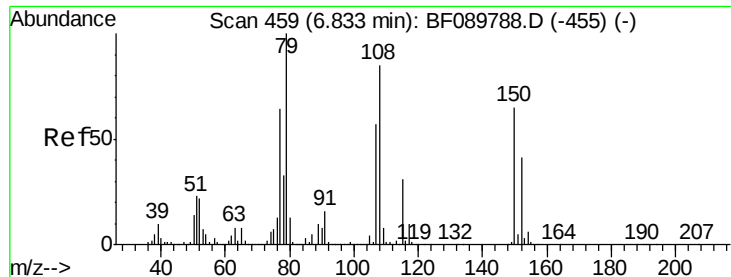


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 33.91 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.00 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

Instrument :

BNA_F

ClientSampleId :

PB93109BSD

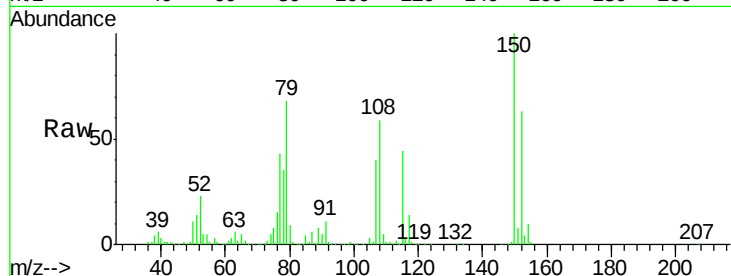
Tot Ion: 79 Resp: 522219

Ion Ratio Lower Upper

79 100

108 86.2 62.5 93.7

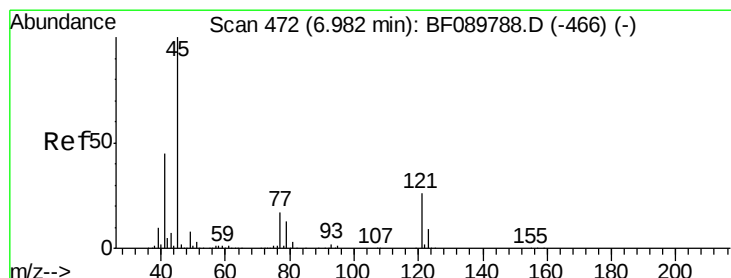
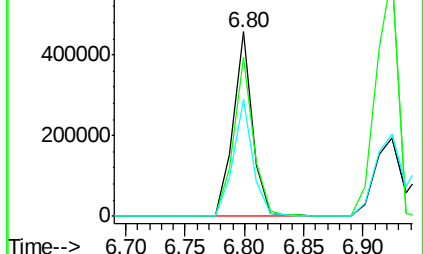
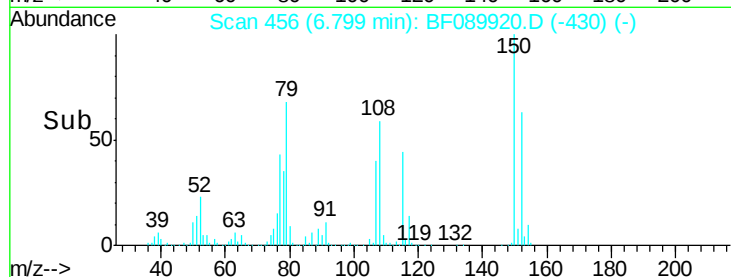
77 63.6 51.5 77.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.78 ng

RT: 6.95 min Scan# 469

Delta R.T. -0.00 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

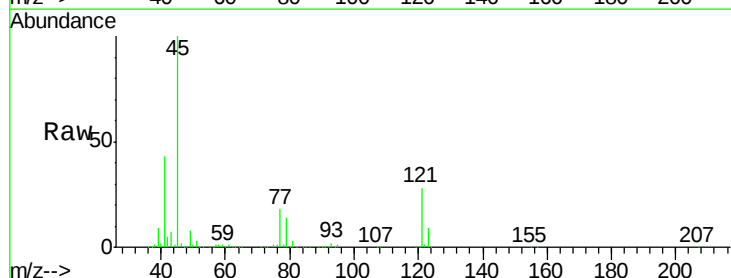
Tgt Ion: 45 Resp: 885255

Ion Ratio Lower Upper

45 100

77 17.6 0.0 33.5

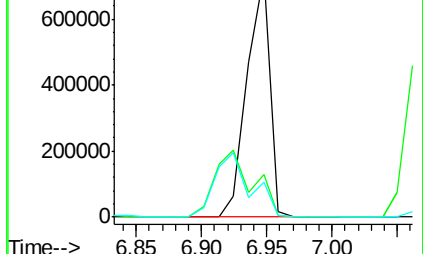
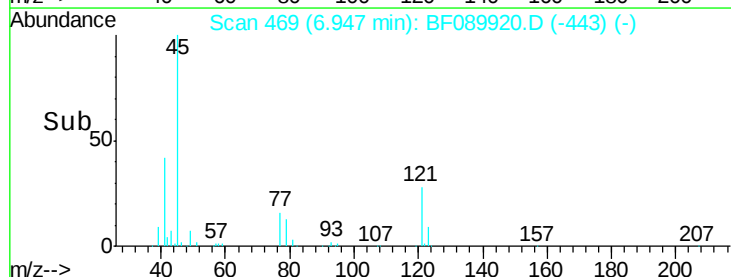
79 14.1 0.0 30.7

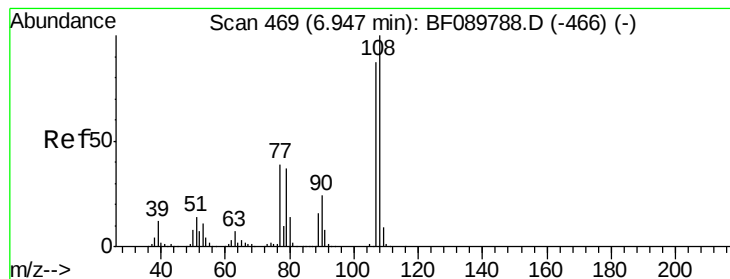


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 37.39 ng

RT: 6.92 min Scan# 467

Delta R.T. -0.00 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

Instrument :

BNA_F

ClientSampleId :

PB93109BSD

Tot Ion:107 Resp: 662363

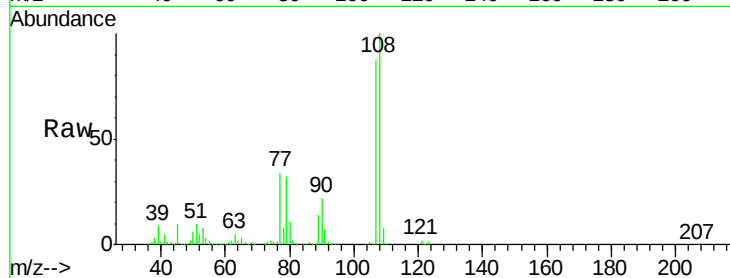
Ion Ratio Lower Upper

107 100

108 114.4 91.0 136.4

77 38.7 37.4 56.0

79 37.1 36.6 55.0

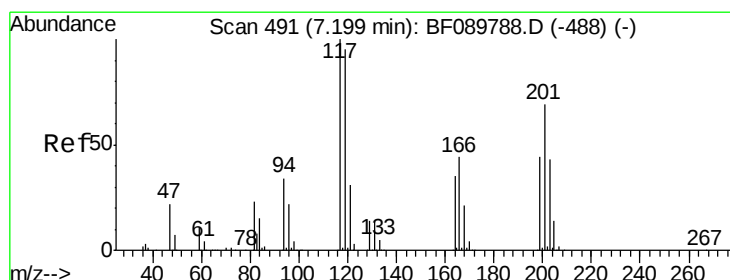
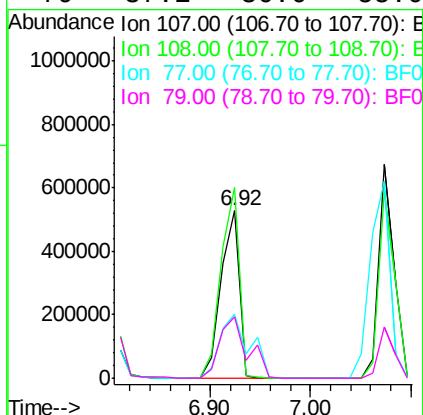
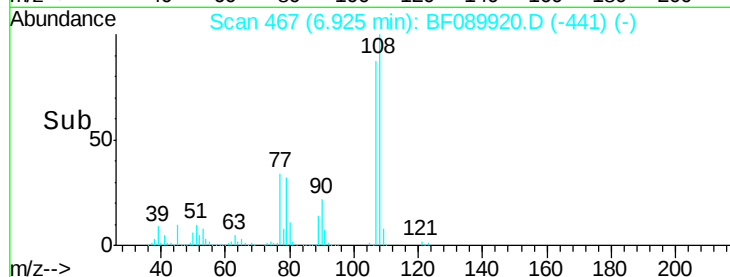


Abundance Ion 107.00 (106.70 to 107.70): E

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



#18

Hexachloroethane

Concen: 34.37 ng

RT: 7.16 min Scan# 488

Delta R.T. -0.00 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

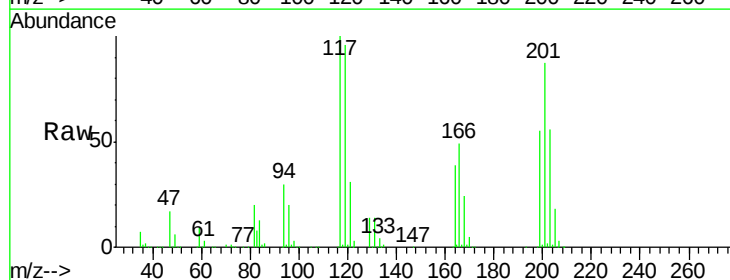
Tgt Ion:117 Resp: 297997

Ion Ratio Lower Upper

117 100

119 96.4 77.1 115.7

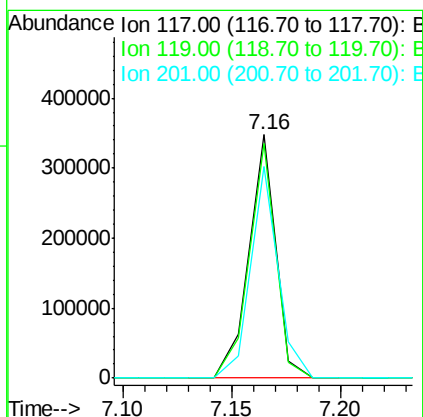
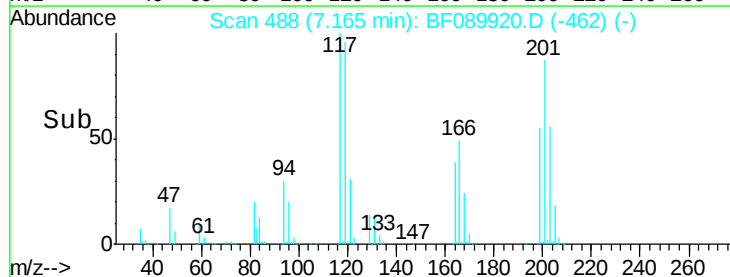
201 86.8 76.9 115.3



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

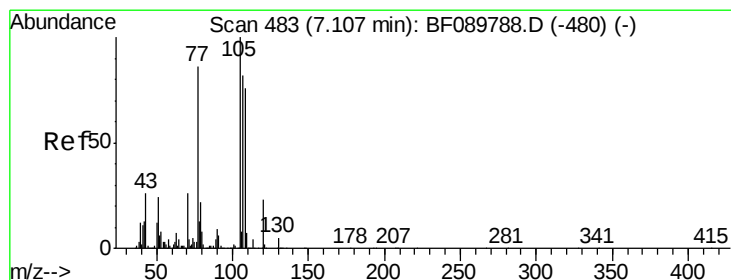
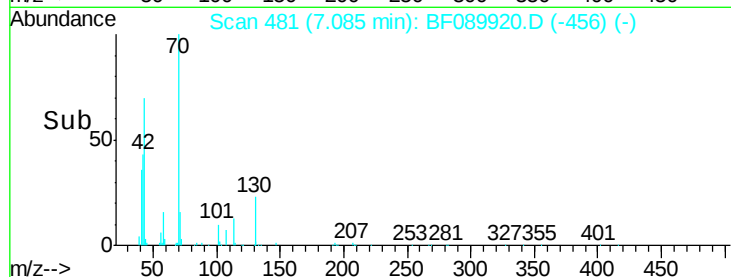
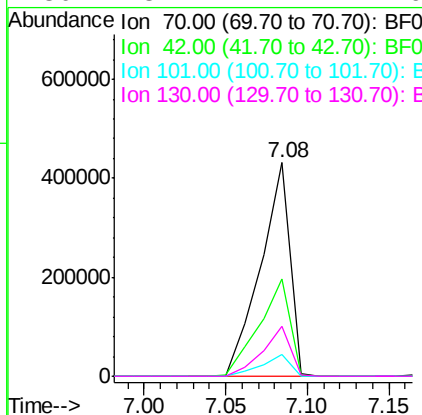
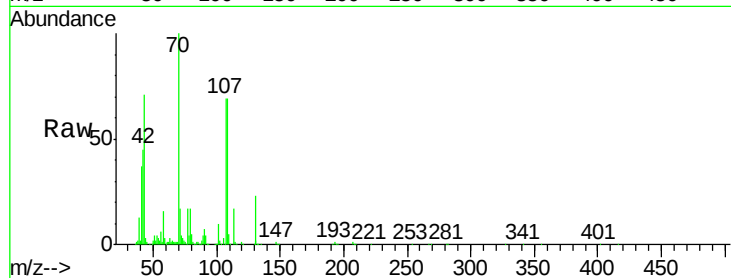




#19
n-Nitroso-di-n-propylamine
Concen: 36.57 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.01 min
Lab File: BF089920.D
Acq: 26 Aug 2016 21:04

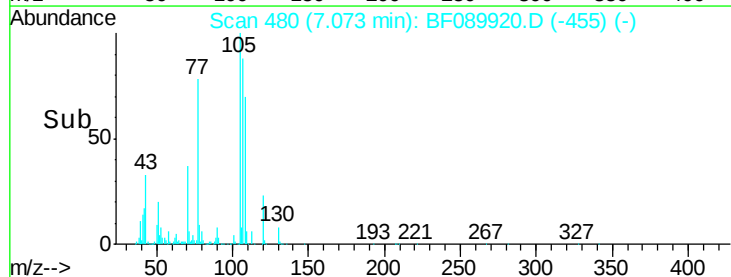
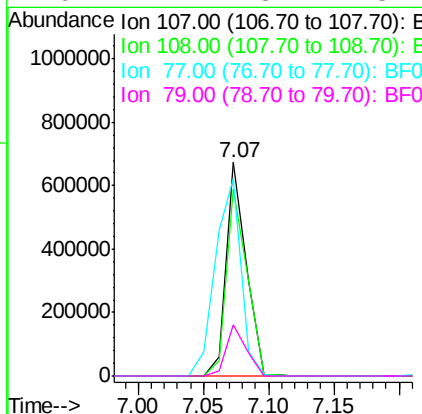
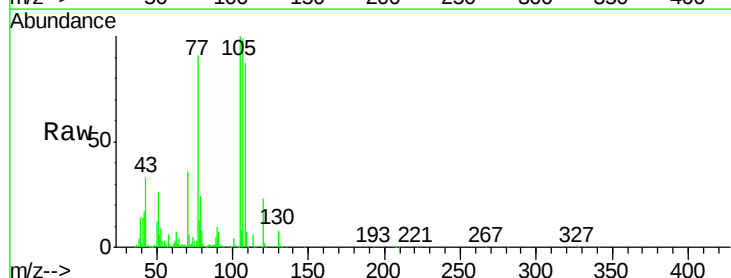
Instrument :
BNA_F
ClientSampleId :
PB93109BSD

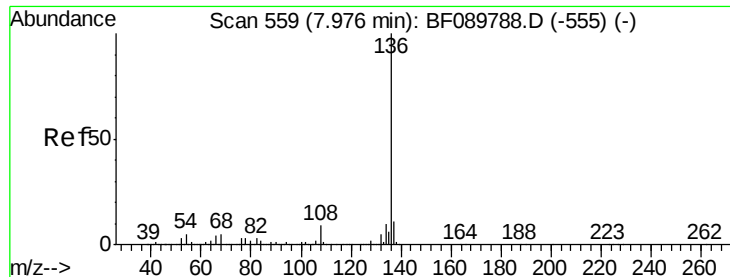
Tot Ion: 70 Resp: 543027
Ion Ratio Lower Upper
70 100
42 45.3 46.3 69.5#
101 10.3 7.0 10.6
130 23.4 14.4 21.6#



#20
3+4-Methylphenols
Concen: 32.83 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.01 min
Lab File: BF089920.D
Acq: 26 Aug 2016 21:04

Tgt Ion:107 Resp: 713254
Ion Ratio Lower Upper
107 100
108 87.5 68.2 108.2
77 92.0 122.3 162.3#
79 24.1 8.2 48.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 556

Delta R.T. -0.00 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

Instrument :

BNA_F

ClientSampleId :

PB93109BSD

Tot Ion:136 Resp: 1278248

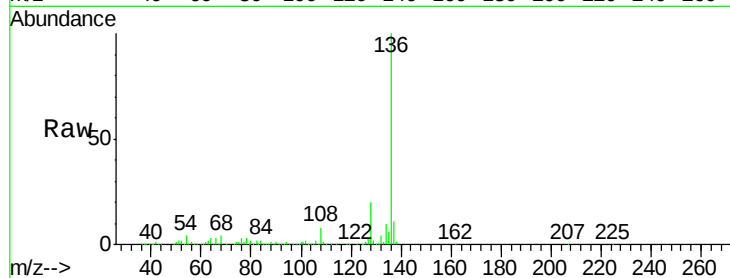
Ion Ratio Lower Upper

136 100

137 10.8 9.2 13.8

54 4.2 7.2 10.8#

68 4.2 5.8 8.8#



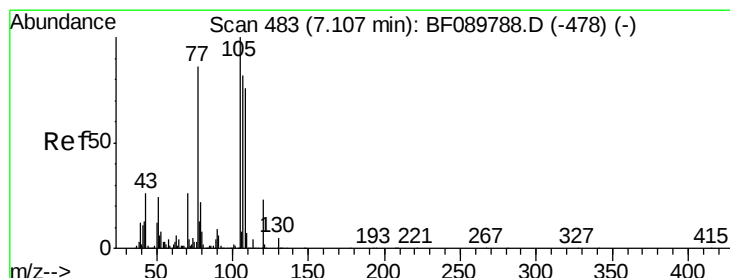
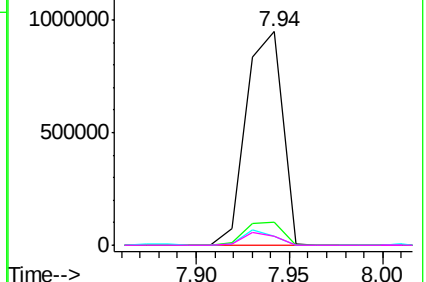
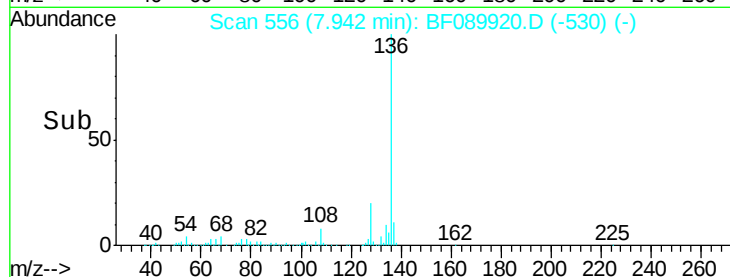
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 32.05 ng

RT: 7.07 min Scan# 480

Delta R.T. -0.00 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

Tgt Ion:105 Resp: 940824

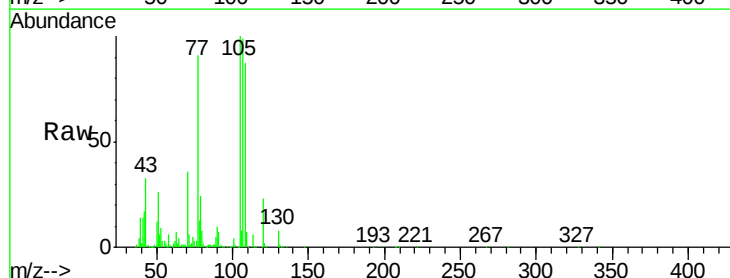
Ion Ratio Lower Upper

105 100

71 6.1 1.9 2.9#

51 25.7 28.5 42.7#

120 22.6 16.6 25.0



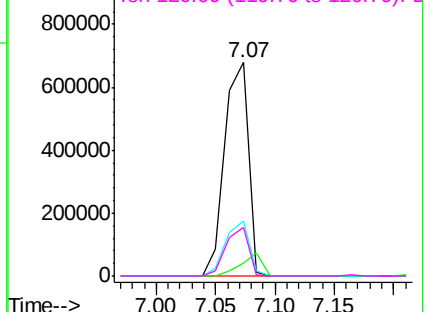
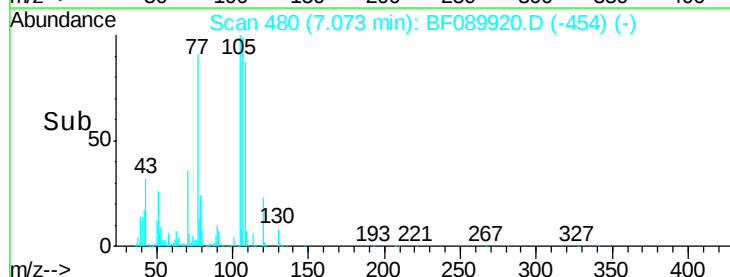
Abundance

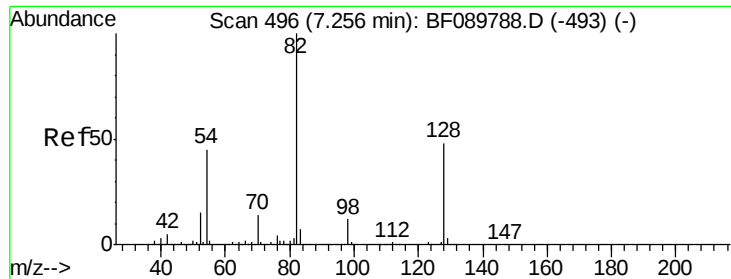
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

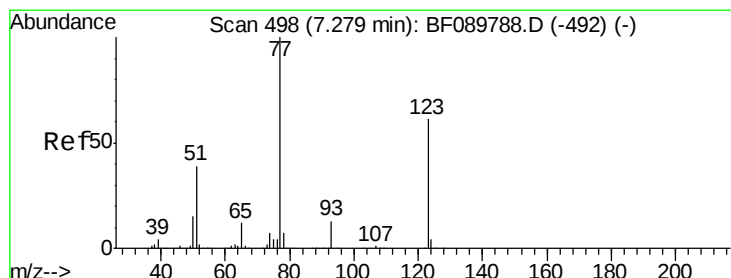
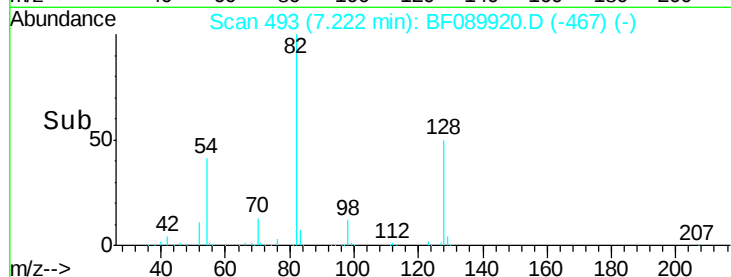
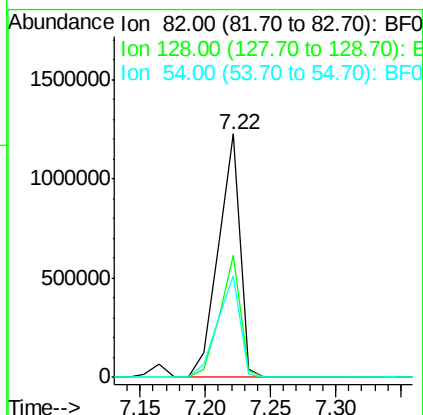
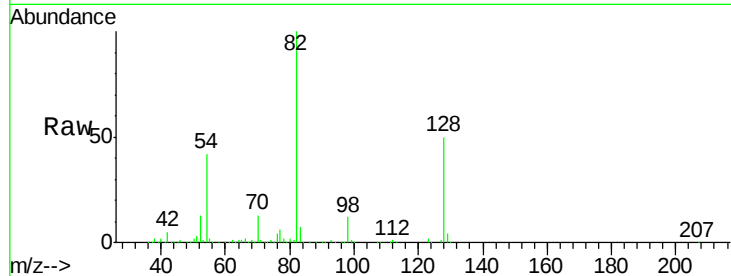




#23
Nitrobenzene-d5
Concen: 69.30 ng
RT: 7.22 min Scan# 493
Delta R.T. -0.00 min
Lab File: BF089920.D
Acq: 26 Aug 2016 21:04

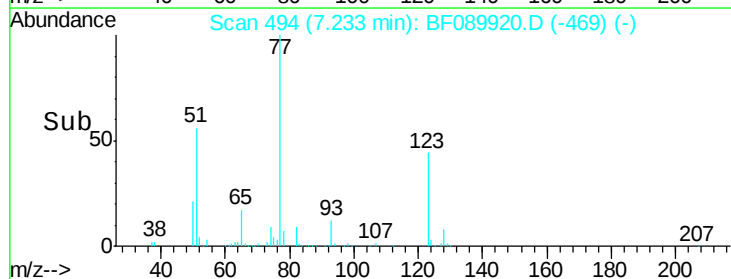
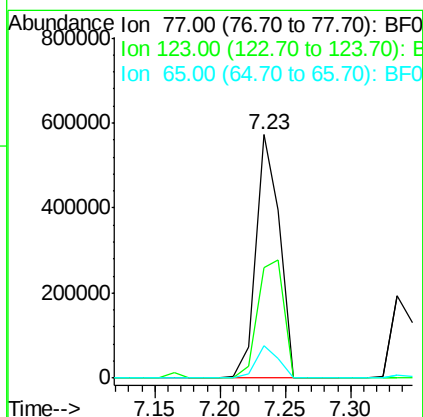
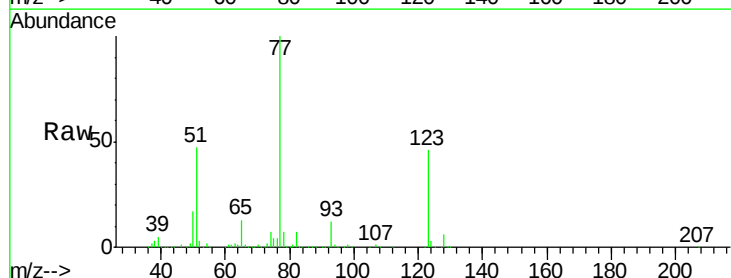
Instrument :
BNA_F
ClientSampleId :
PB93109BSD

Tot Ion: 82 Resp: 1425771
Ion Ratio Lower Upper
82 100
128 50.0 34.4 51.6
54 41.9 40.3 60.5



#24
Nitrobenzene
Concen: 31.01 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.01 min
Lab File: BF089920.D
Acq: 26 Aug 2016 21:04

Tgt Ion: 77 Resp: 715941
Ion Ratio Lower Upper
77 100
123 45.5 36.2 54.2
65 13.3 10.6 15.8





#25

Isophorone

Concen: 34.64 ng

RT: 7.48 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

Instrument :

BNA_F

ClientSampleId :

PB93109BSD

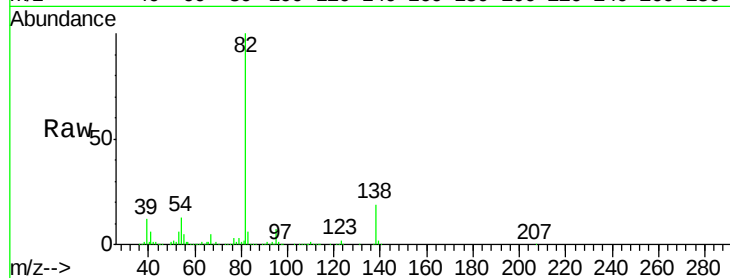
Tot Ion: 82 Resp: 1437324

Ion Ratio Lower Upper

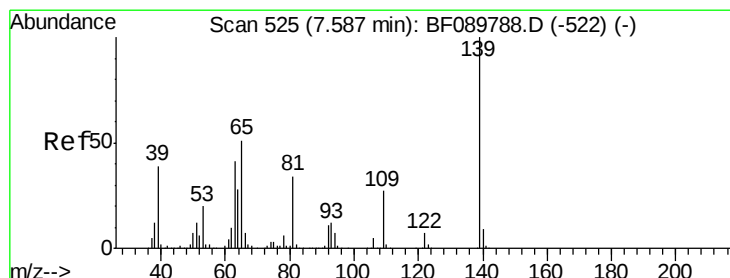
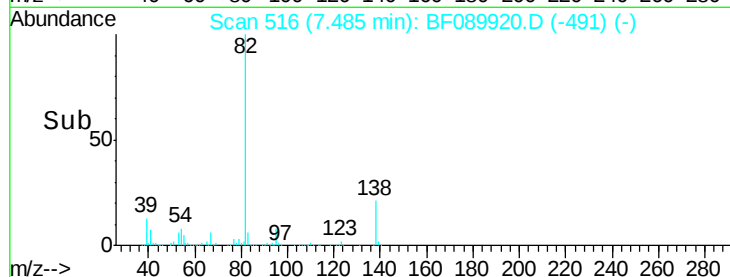
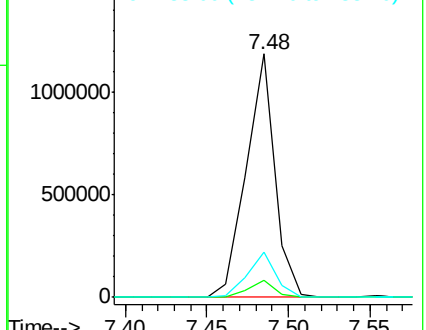
82 100

95 6.8 5.3 7.9

138 18.8 13.0 19.4



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: 33.87 ng

RT: 7.55 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

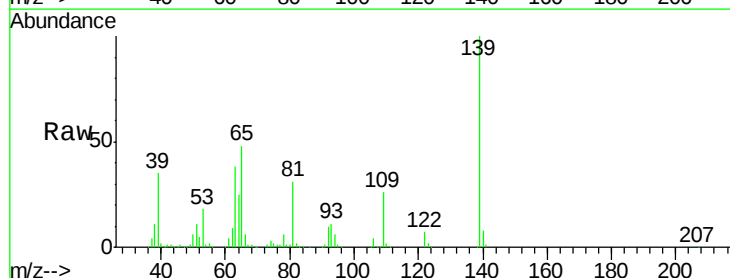
Tgt Ion: 139 Resp: 390075

Ion Ratio Lower Upper

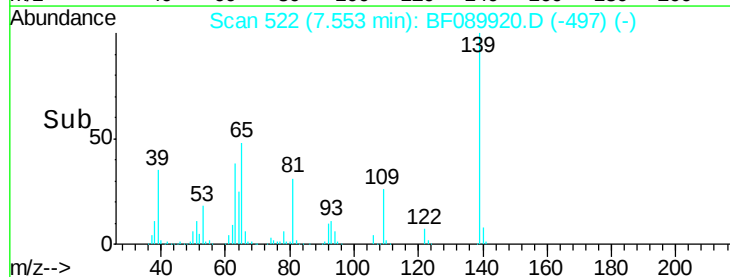
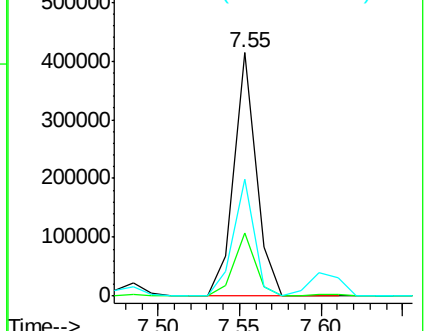
139 100

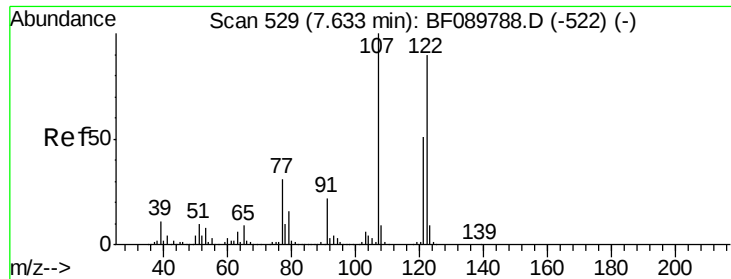
109 26.1 19.5 29.3

65 48.1 26.5 39.7#



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

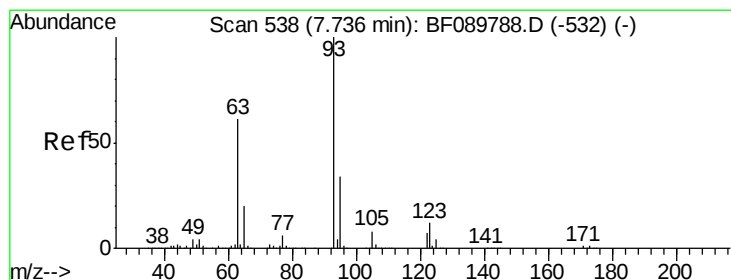
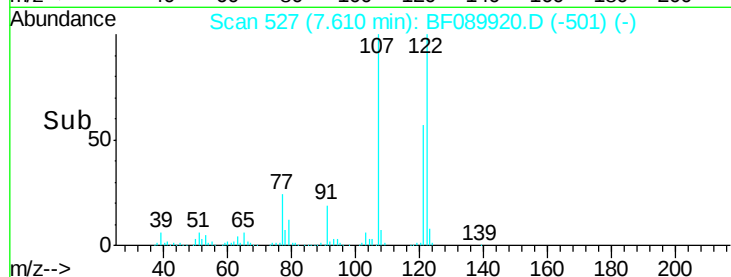
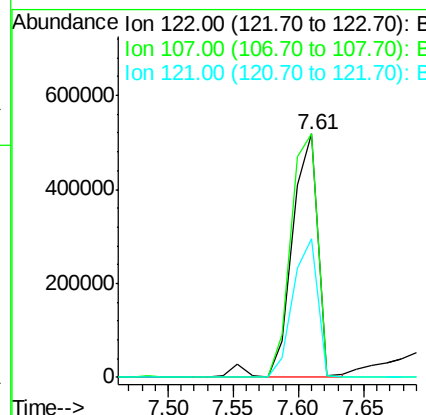
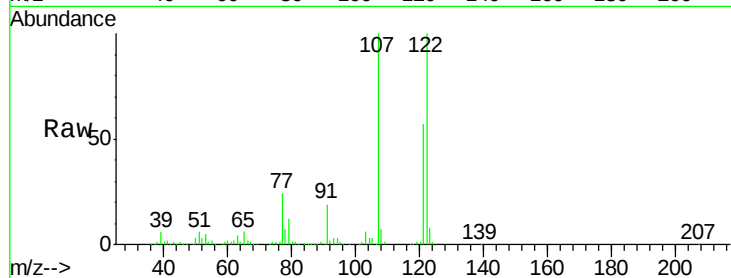




#27
 2,4-Dimethylphenol
 Concen: 34.75 ng
 RT: 7.61 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: BF089920.D
 Acq: 26 Aug 2016 21:04

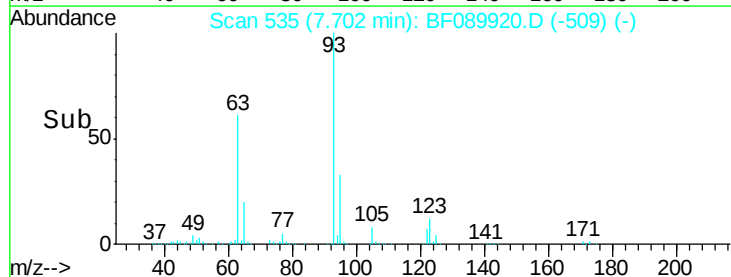
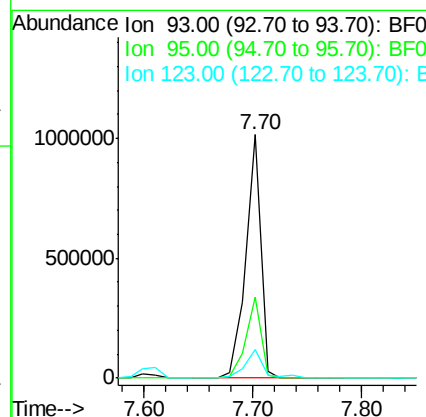
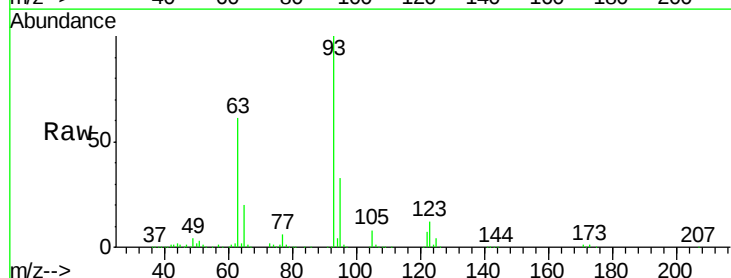
Instrument :
 BNA_F
 ClientSampleId :
 PB93109BSD

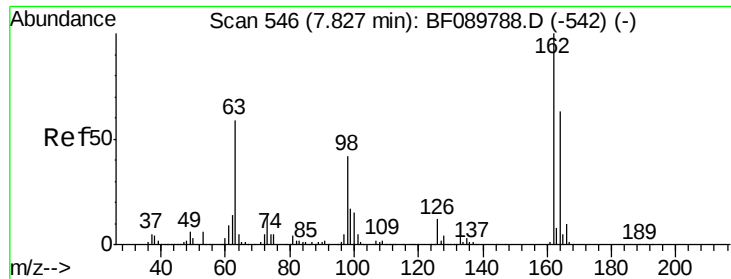
Tot Ion:122 Resp: 721379
 Ion Ratio Lower Upper
 122 100
 107 100.1 84.8 127.2
 121 57.0 47.0 70.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.18 ng
 RT: 7.70 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: BF089920.D
 Acq: 26 Aug 2016 21:04

Tgt Ion: 93 Resp: 954691
 Ion Ratio Lower Upper
 93 100
 95 33.4 25.5 38.3
 123 11.7 8.5 12.7

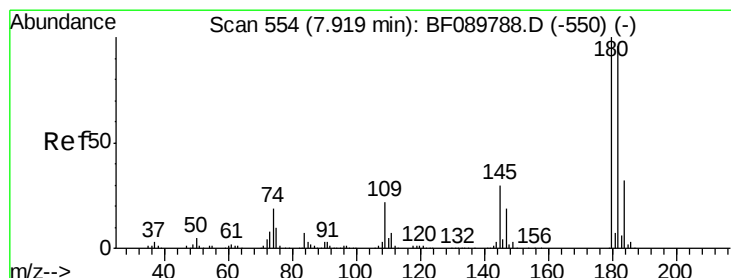
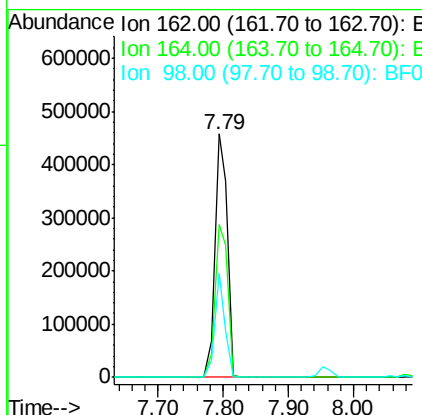
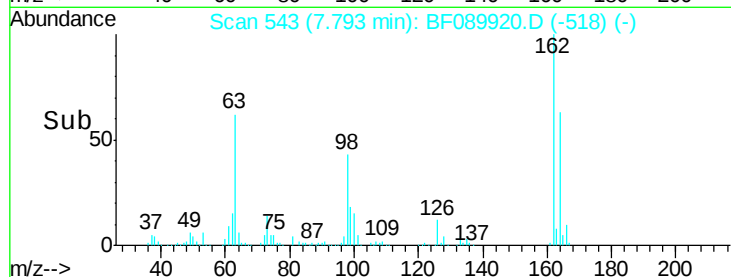
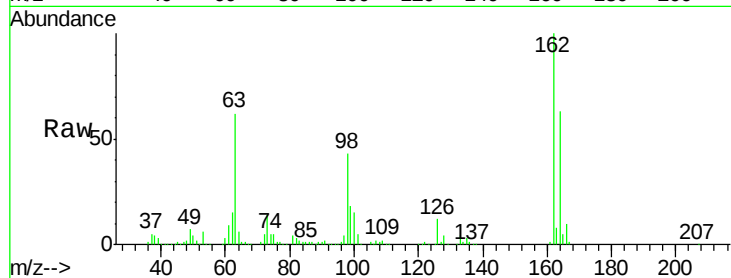




#29
 2,4-Dichlorophenol
 Concen: 35.87 ng
 RT: 7.79 min Scan# 543
 Delta R.T. -0.01 min
 Lab File: BF089920.D
 Acq: 26 Aug 2016 21:04

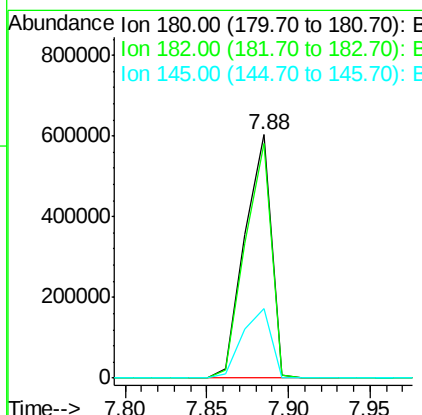
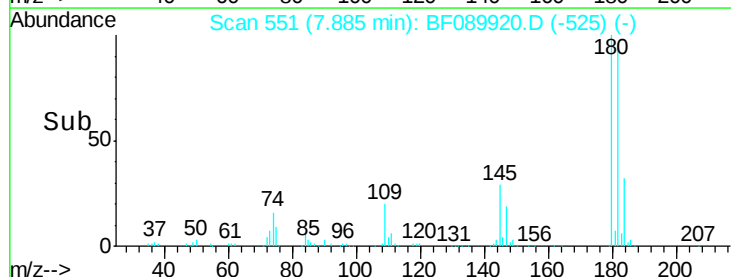
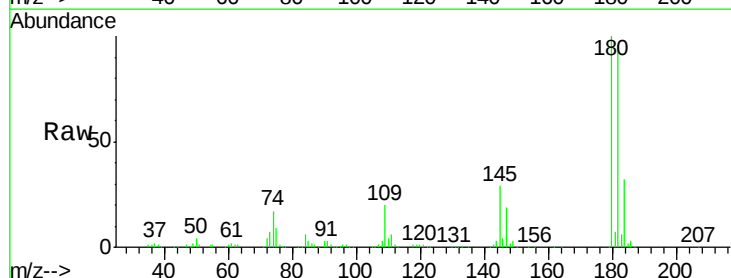
Instrument :
 BNA_F
 ClientSampleId :
 PB93109BSD

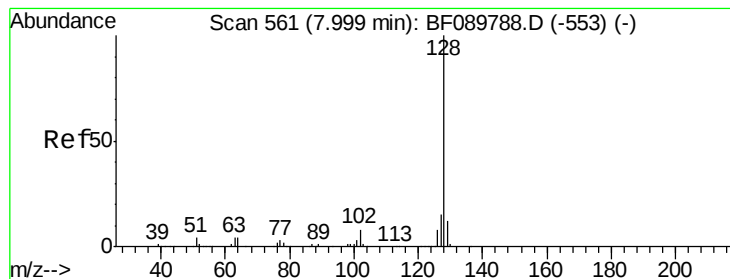
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	45.5	85.5
98	42.9	12.4	52.4



#30
 1,2,4-Trichlorobenzene
 Concen: 35.26 ng
 RT: 7.88 min Scan# 551
 Delta R.T. -0.00 min
 Lab File: BF089920.D
 Acq: 26 Aug 2016 21:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	75.5	113.3
145	28.7	28.7	43.1#





#31

Naphthalene

Concen: 34.73 ng

RT: 7.95 min Scan# 557

Delta R.T. -0.01 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

Instrument :

BNA_F

ClientSampleId :

PB93109BSD

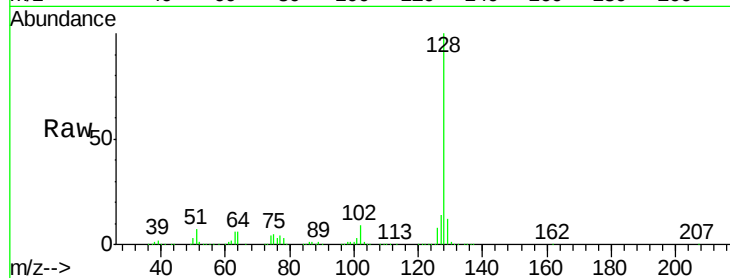
Tot Ion:128 Resp: 2074629

Ion Ratio Lower Upper

128 100

129 12.0 9.5 14.3

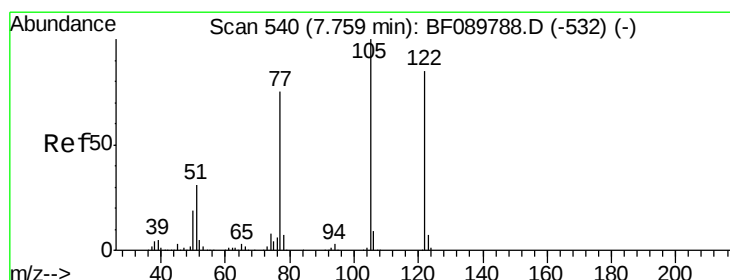
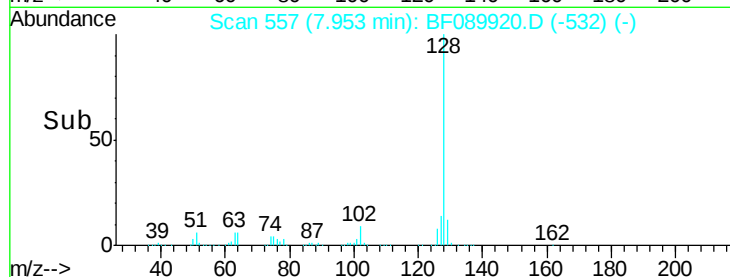
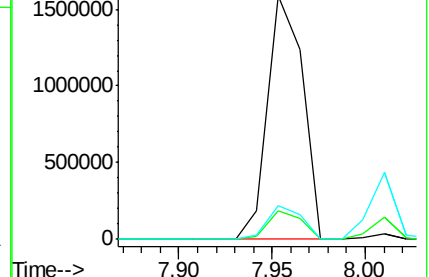
127 13.7 11.3 16.9



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: 24.50 ng

RT: 7.74 min Scan# 538

Delta R.T. -0.03 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

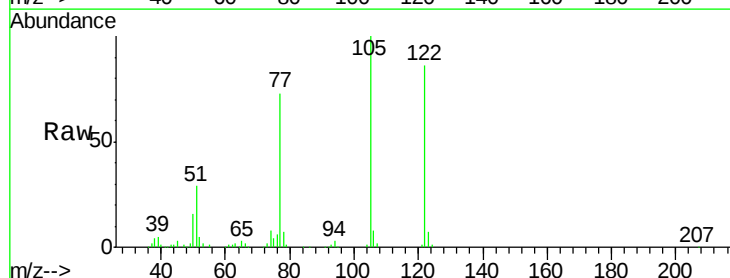
Tgt Ion:122 Resp: 396259

Ion Ratio Lower Upper

122 100

105 116.8 100.8 140.8

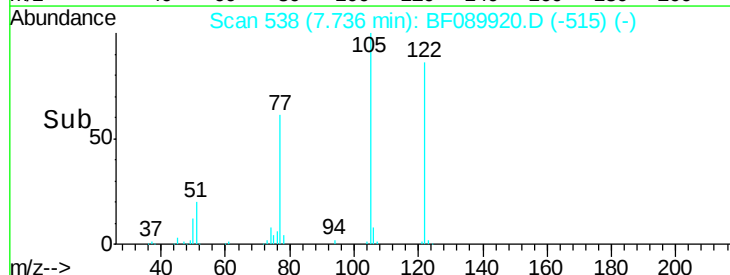
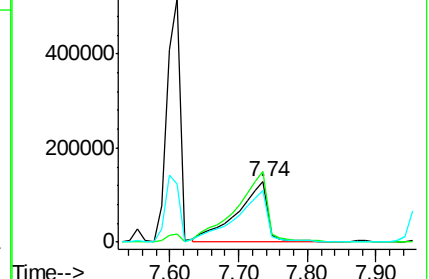
77 84.7 72.1 112.1

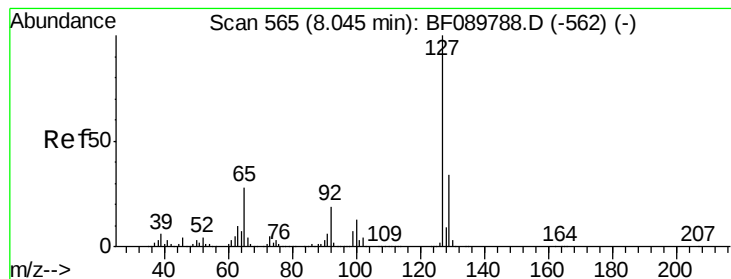


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 16.25 ng

RT: 8.01 min Scan# 562

Delta R.T. -0.00 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

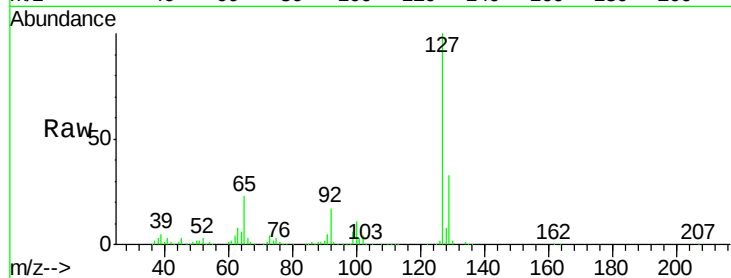
Instrument :

BNA_F

ClientSampleId :

PB93109BSD

Tot Ion:	127	Resp:	420763
Ion	Ratio	Lower	Upper
127	100		
129	33.1	27.0	40.6
65	23.3	14.7	22.1#
92	16.6	11.7	17.5

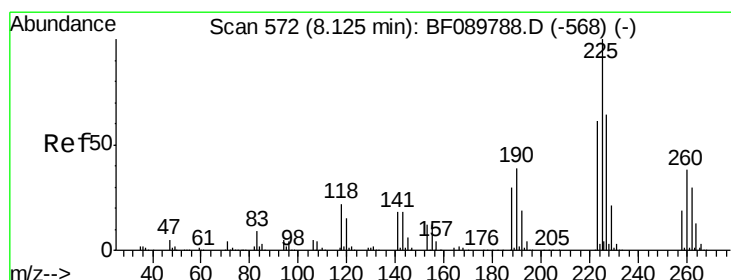
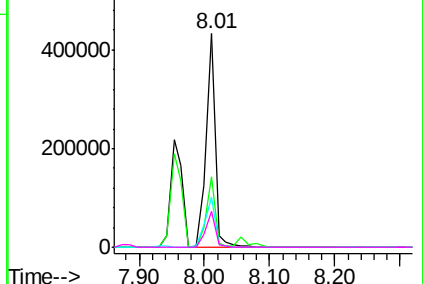
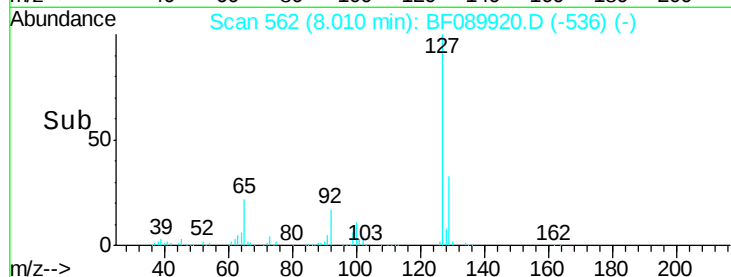


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 33.12 ng

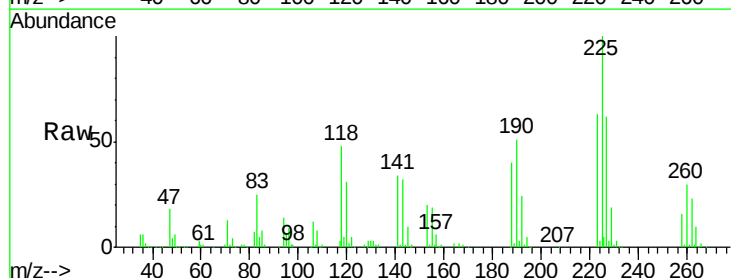
RT: 8.08 min Scan# 568

Delta R.T. -0.01 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

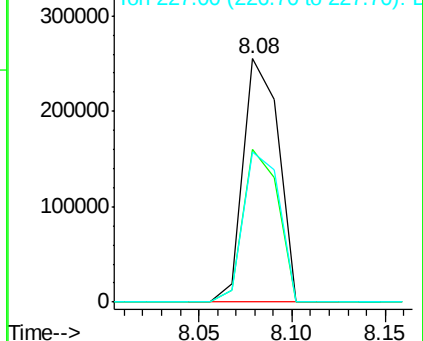
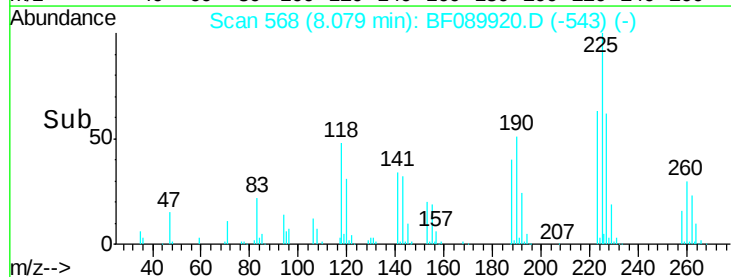
Tgt Ion:	225	Resp:	334107
Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.0	76.6
227	61.6	49.8	74.6

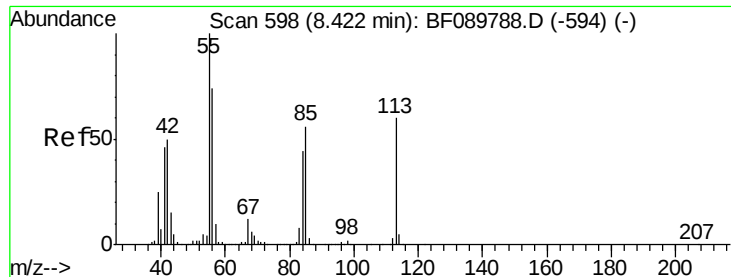


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 37.81 ng/mL

RT: 8.39 min Scan# 595

Delta R.T. -0.02 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

Instrument :

BNA_F

ClientSampleID :

PB93109BSD

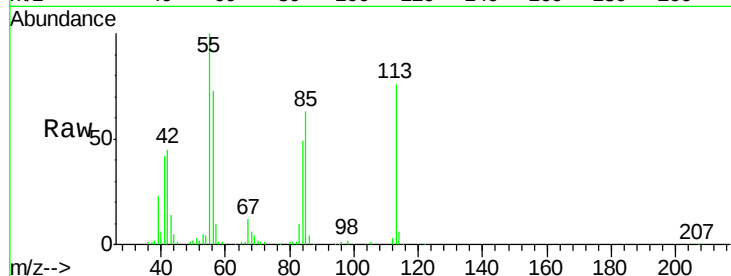
Tot Ion:113 Resp: 200570

Ion Ratio Lower Upper

113 100

55 131.7 135.9 175.9#

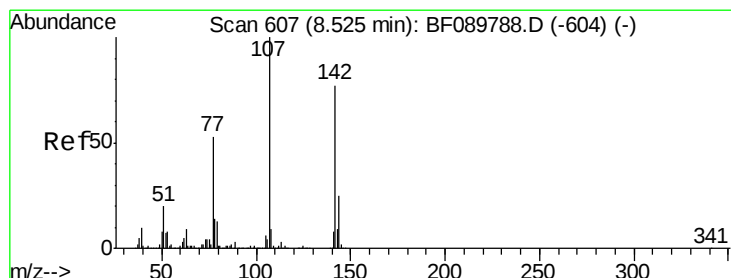
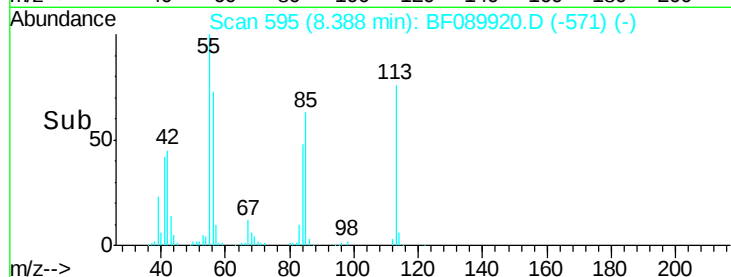
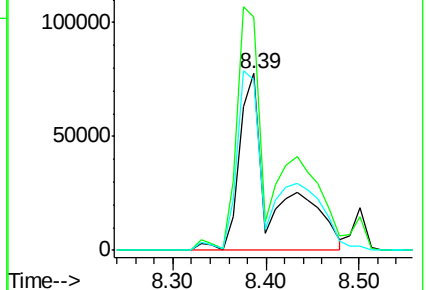
56 96.8 93.9 133.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 35.58 ng/mL

RT: 8.50 min Scan# 605

Delta R.T. -0.00 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

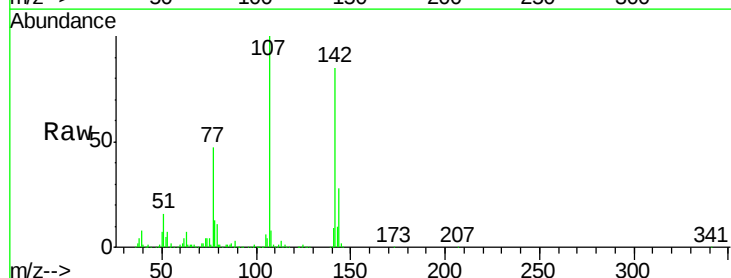
Tgt Ion:107 Resp: 671234

Ion Ratio Lower Upper

107 100

144 27.8 22.6 34.0

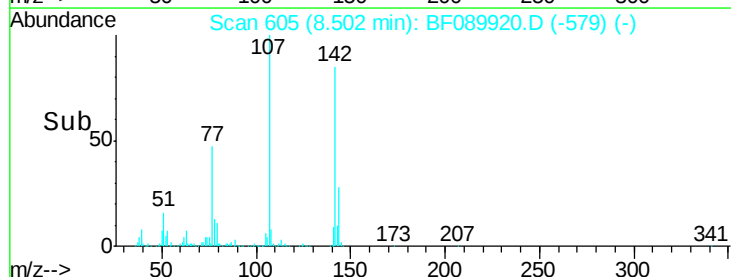
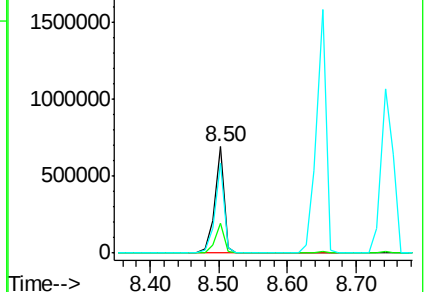
142 84.6 69.3 103.9

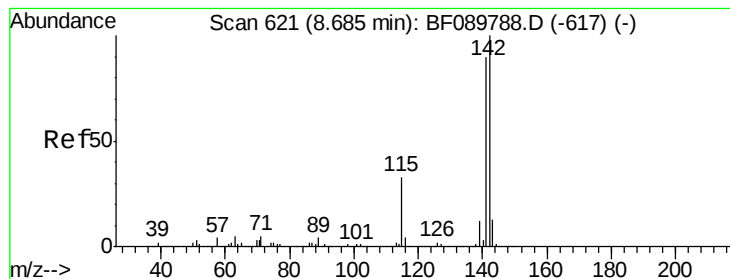


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

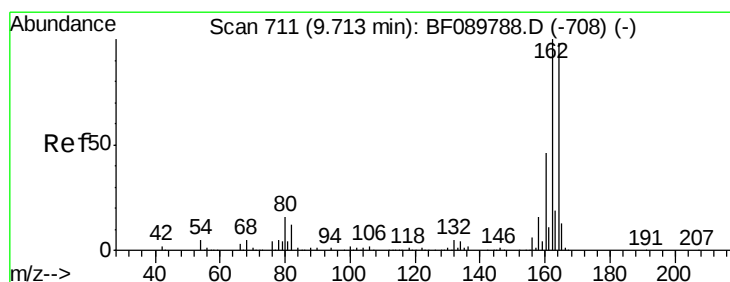
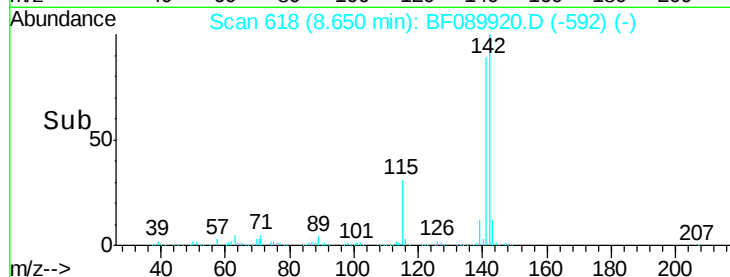
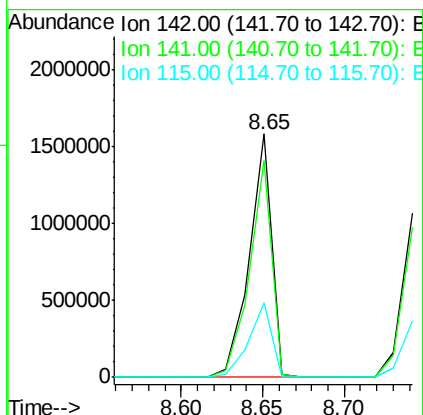
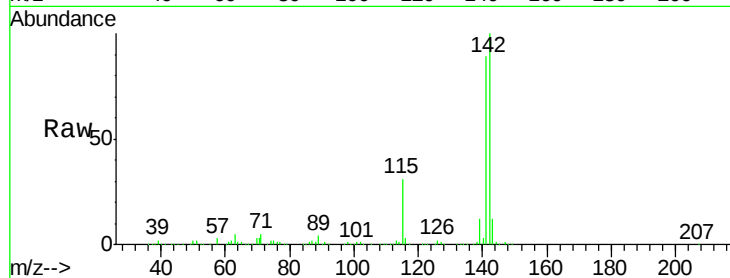




#37
 2-Methylnaphthalene
 Concen: 39.02 ng
 RT: 8.65 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF089920.D
 Acq: 26 Aug 2016 21:04

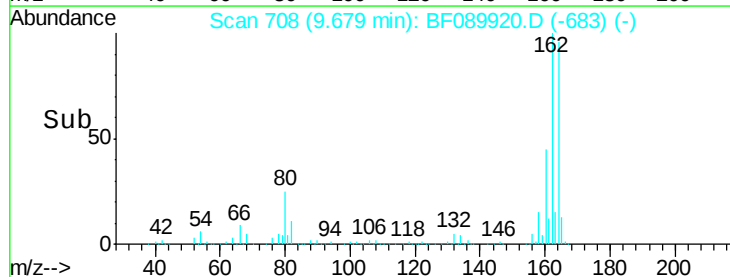
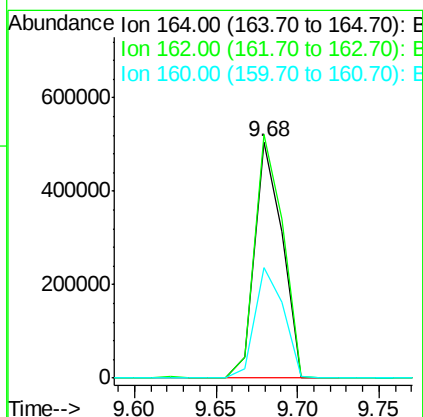
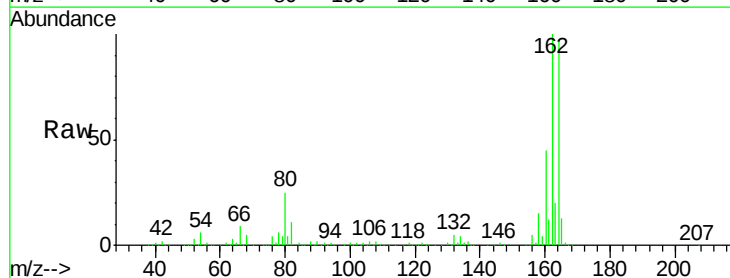
Instrument :
 BNA_F
 ClientSampleId :
 PB93109BSD

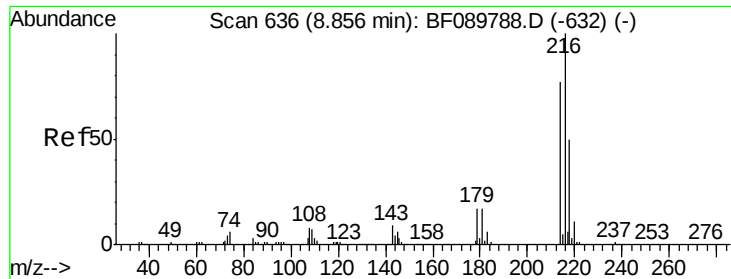
Tot Ion:142 Resp: 1508146
 Ion Ratio Lower Upper
 142 100
 141 89.2 71.4 107.2
 115 30.9 22.7 34.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.68 min Scan# 708
 Delta R.T. -0.01 min
 Lab File: BF089920.D
 Acq: 26 Aug 2016 21:04

Tgt Ion:164 Resp: 594237
 Ion Ratio Lower Upper
 164 100
 162 103.2 81.4 122.2
 160 46.9 37.8 56.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 25.67 ng

RT: 8.82 min Scan# 633

Delta R.T. -0.00 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

Instrument :

BNA_F

ClientSampleId :

PB93109BSD

Tot Ion:216 Resp: 493916

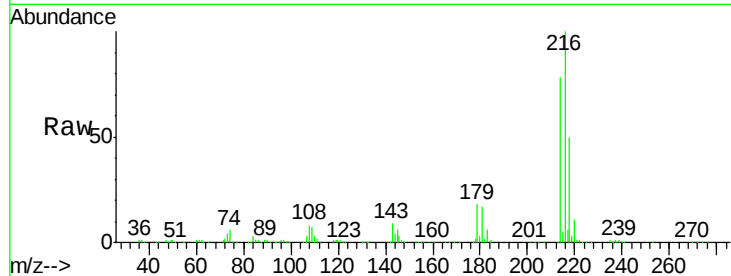
Ion Ratio Lower Upper

216 100

214 79.4 63.5 95.3

179 21.1 19.9 29.9

108 20.6 19.9 29.9

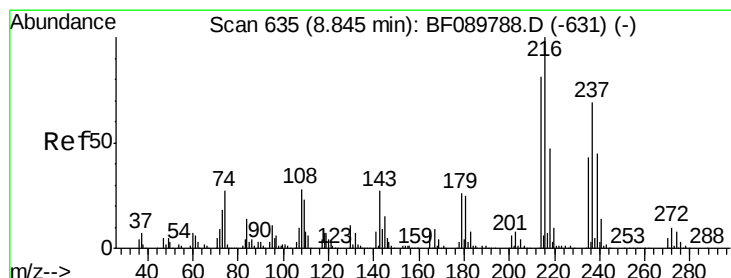
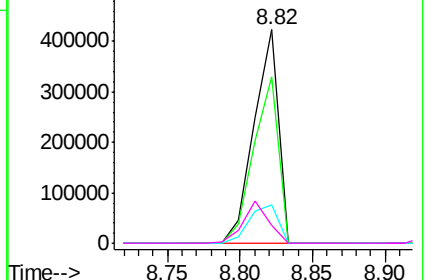
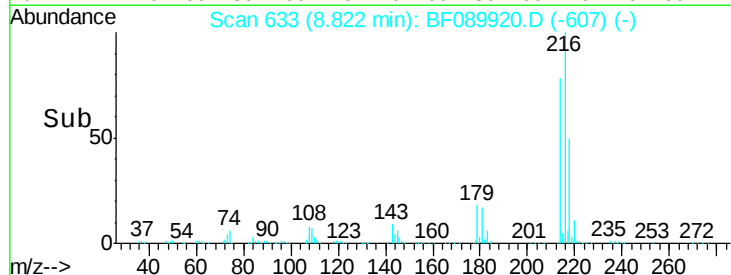


Abundance Ion 216.00 (215.70 to 216.70): E

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: 98.27 ng

RT: 8.81 min Scan# 632

Delta R.T. -0.00 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

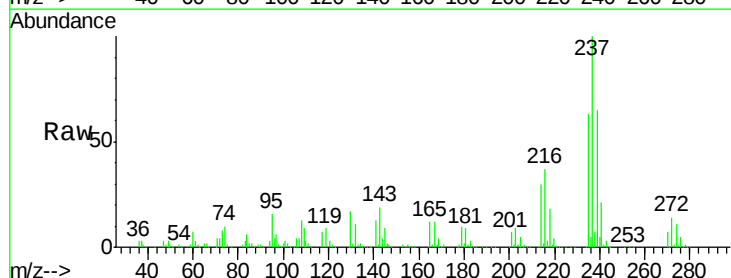
Tgt Ion:237 Resp: 656551

Ion Ratio Lower Upper

237 100

235 63.4 43.7 83.7

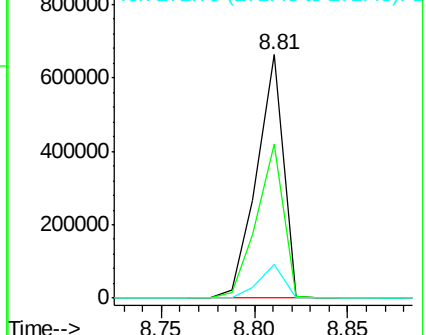
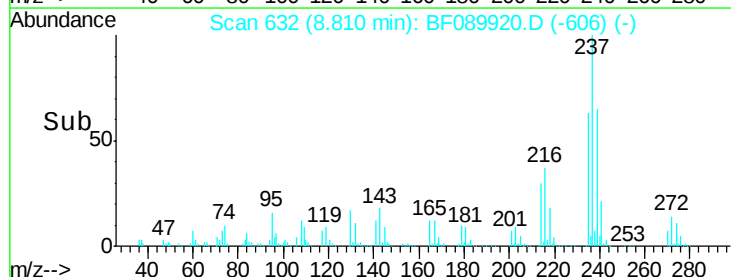
272 14.0 0.0 31.6

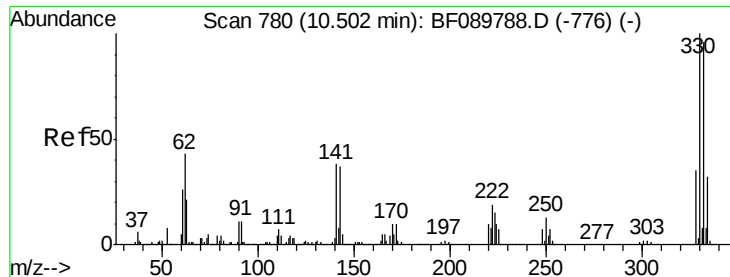


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

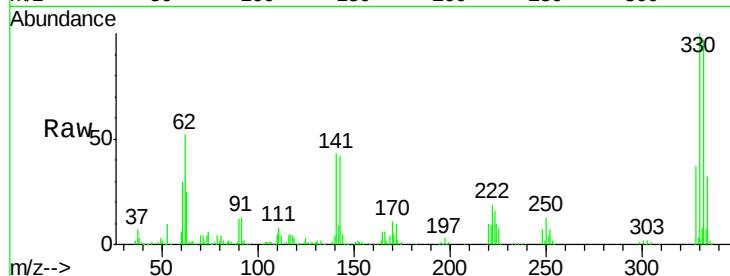




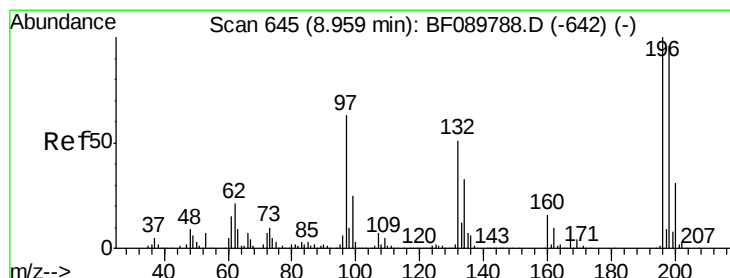
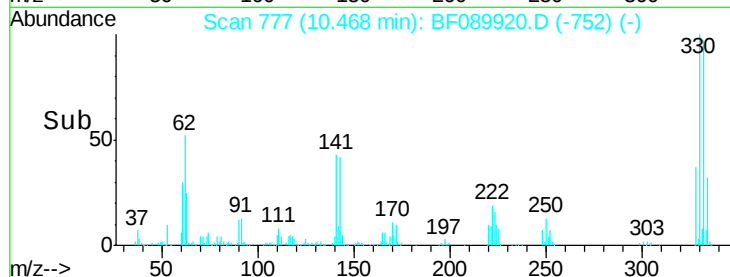
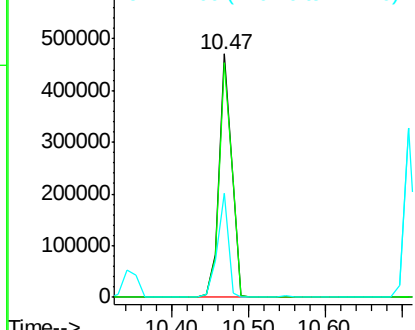
#41
 2,4,6-Tribromophenol
 Concen: 96.26 ng
 RT: 10.47 min Scan# 777
 Delta R.T. -0.01 min
 Lab File: BF089920.D
 Acq: 26 Aug 2016 21:04

Instrument :
 BNA_F
 ClientSampleId :
 PB93109BSD

Tot Ion:330 Resp: 543597
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.7 115.1
 141 36.7 30.2 45.2

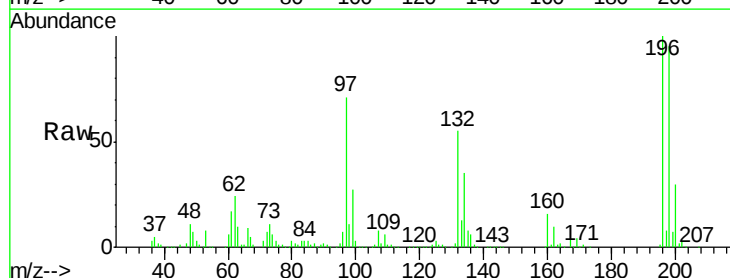


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

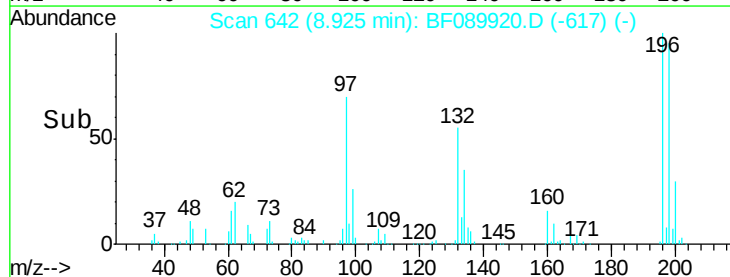
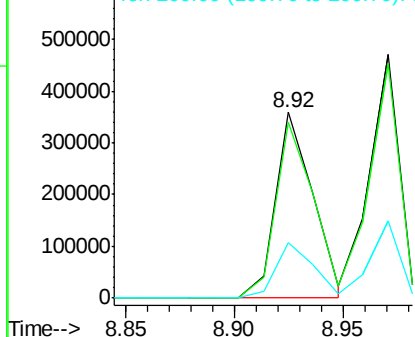


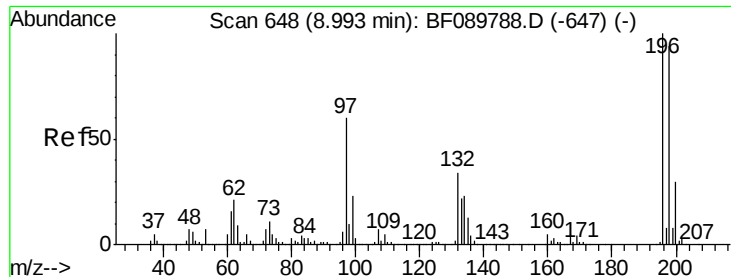
#42
 2,4,6-Trichlorophenol
 Concen: 35.79 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF089920.D
 Acq: 26 Aug 2016 21:04

Tgt Ion:196 Resp: 433321
 Ion Ratio Lower Upper
 196 100
 198 94.6 76.3 114.5
 200 30.1 24.6 36.8



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

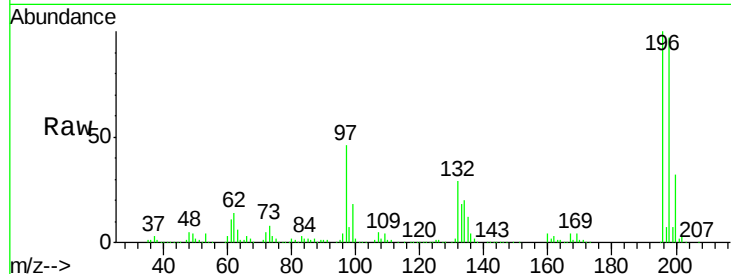




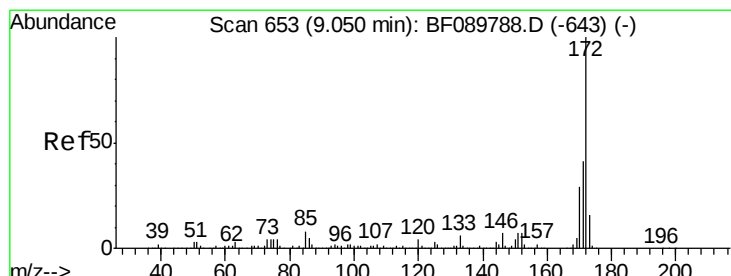
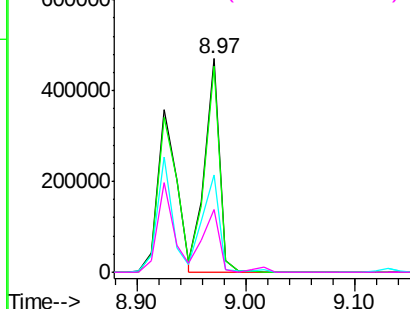
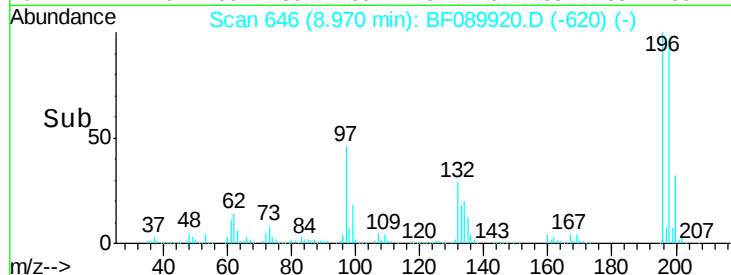
#43
 2,4,5-Trichlorophenol
 Concen: 37.44 ng
 RT: 8.97 min Scan# 646
 Delta R.T. -0.00 min
 Lab File: BF089920.D
 Acq: 26 Aug 2016 21:04

Instrument :
 BNA_F
 ClientSampleId :
 PB93109BSD

Tot Ion:196 Resp: 450774
 Ion Ratio Lower Upper
 196 100
 198 96.6 76.6 114.8
 97 45.7 35.8 53.8
 132 29.2 23.5 35.3

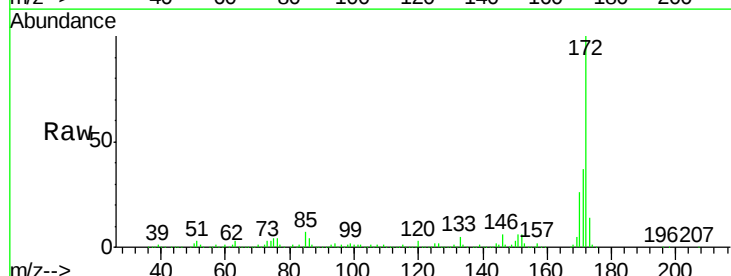


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

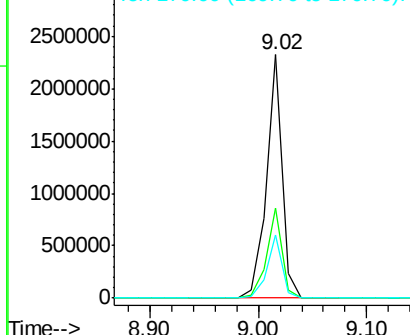
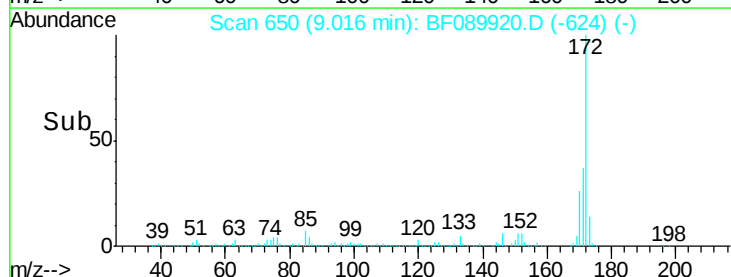


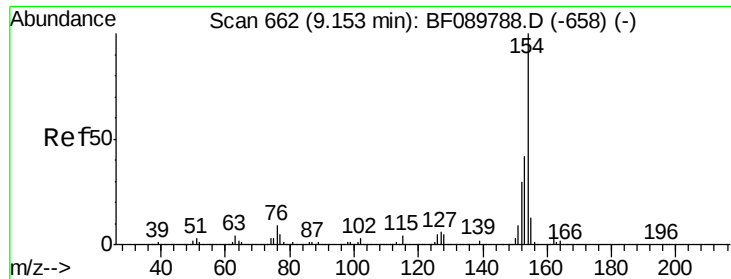
#44
 2-Fluorobiphenyl
 Concen: 68.99 ng
 RT: 9.02 min Scan# 650
 Delta R.T. -0.00 min
 Lab File: BF089920.D
 Acq: 26 Aug 2016 21:04

Tgt Ion:172 Resp: 2332661
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.5 45.7
 170 25.8 20.6 31.0



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



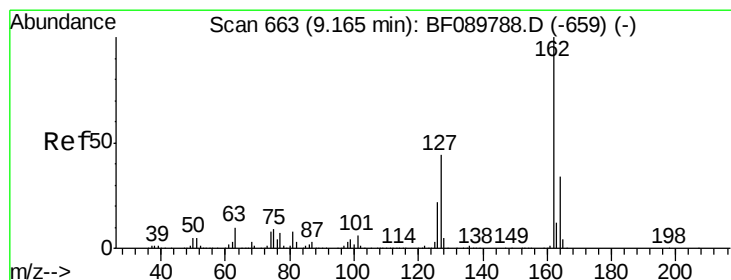
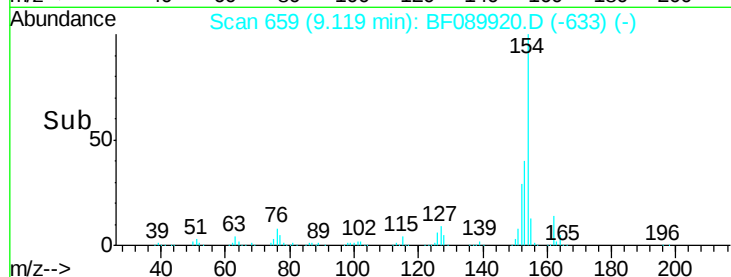
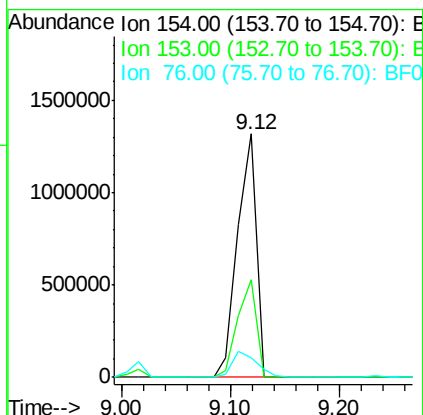
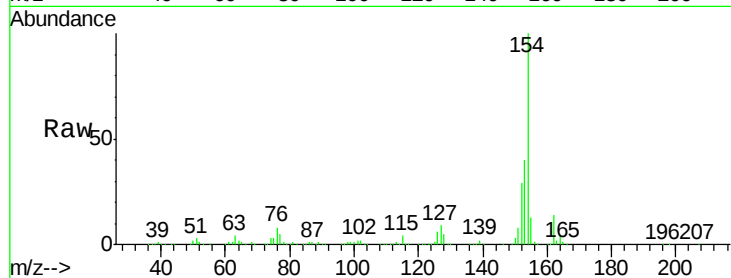


#45
 1,1'-Biphenyl
 Concen: 33.64 ng
 RT: 9.12 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: BF089920.D
 Acq: 26 Aug 2016 21:04

Instrument :
 BNA_F
 ClientSampleId :
 PB93109BSD

Tot Ion:154 Resp: 1546771

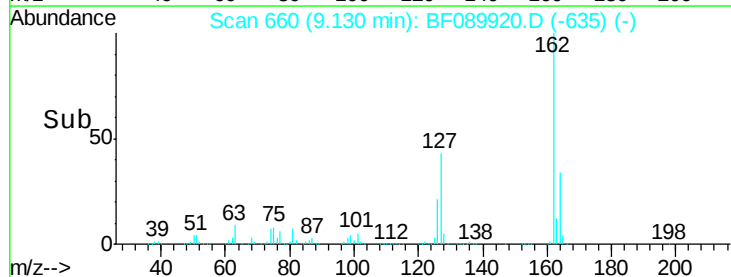
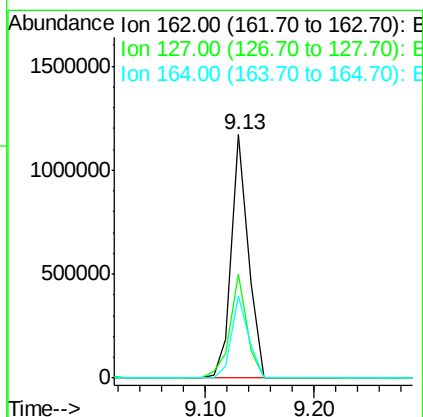
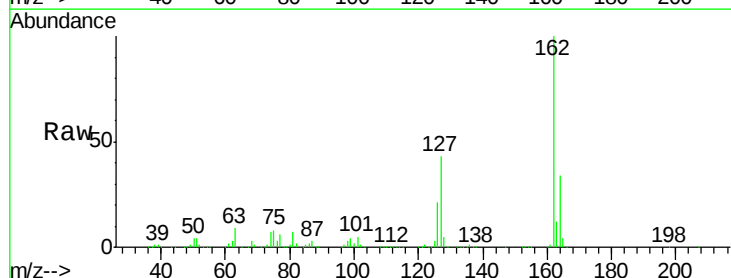
Ion	Ratio	Lower	Upper
154	100		
153	39.9	21.5	61.5
76	8.2	0.0	36.7

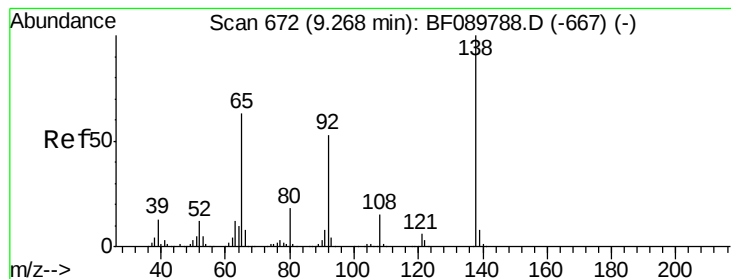


#46
 2-Chloronaphthalene
 Concen: 34.45 ng
 RT: 9.13 min Scan# 660
 Delta R.T. -0.01 min
 Lab File: BF089920.D
 Acq: 26 Aug 2016 21:04

Tgt Ion:162 Resp: 1252232

Ion	Ratio	Lower	Upper
162	100		
127	42.8	35.5	53.3
164	33.7	26.6	40.0

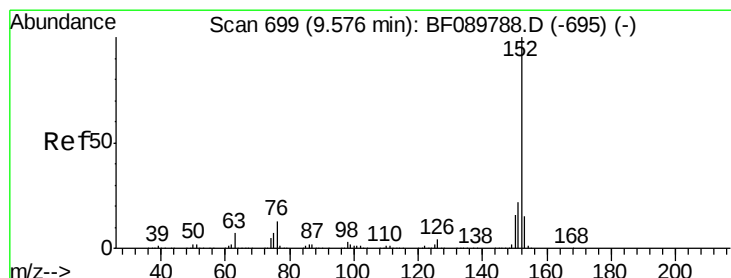
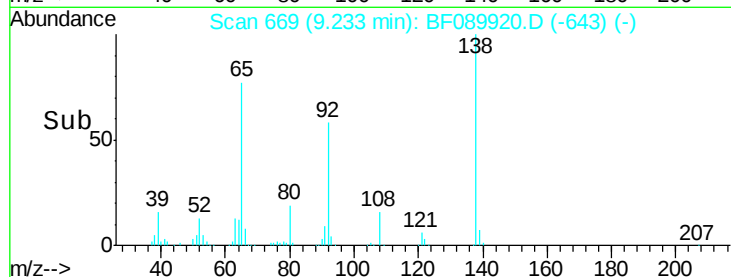
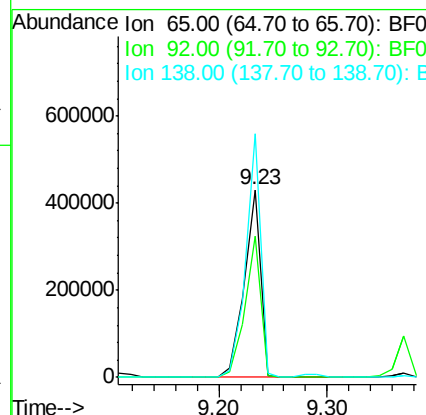
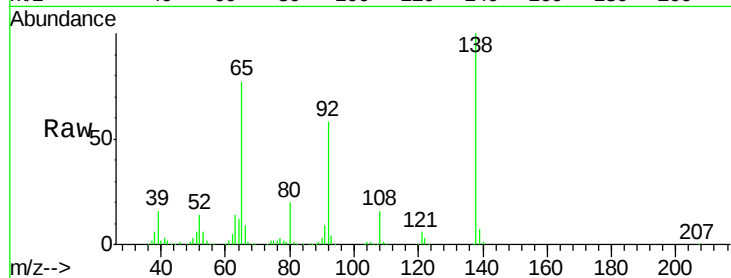




#47
 2-Nitroaniline
 Concen: 42.38 ng
 RT: 9.23 min Scan# 669
 Delta R.T. -0.00 min
 Lab File: BF089920.D
 Acq: 26 Aug 2016 21:04

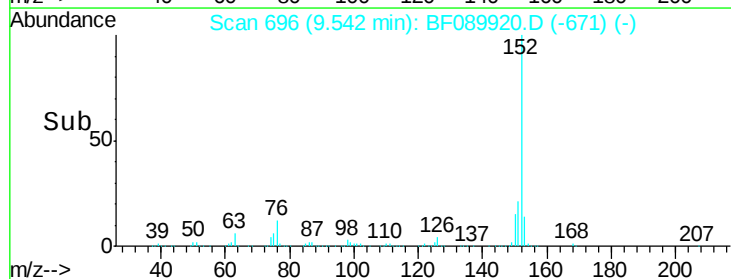
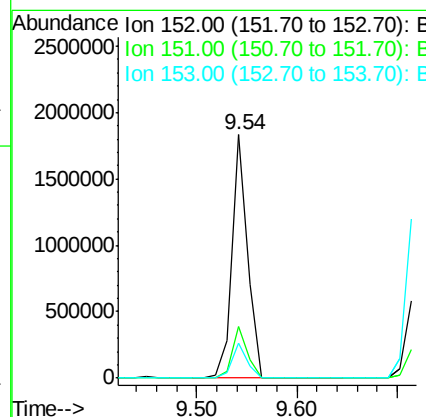
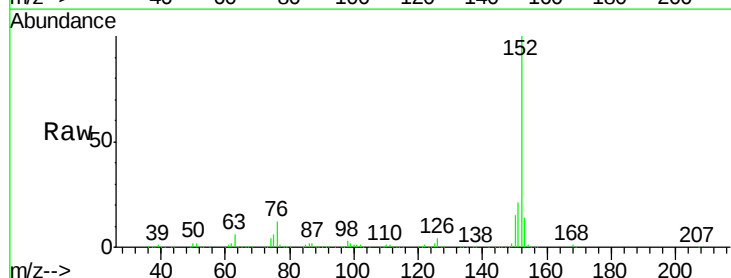
Instrument :
 BNA_F
 ClientSampleId :
 PB93109BSD

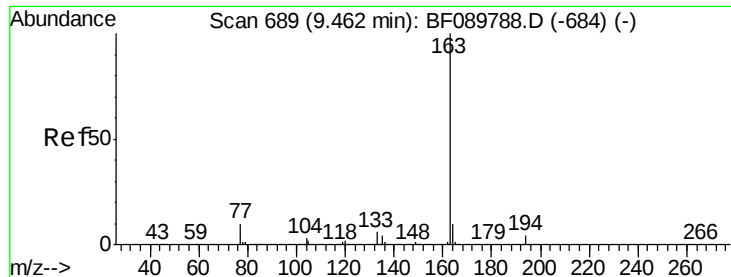
Tot Ion	Ratio	Lower	Upper
65	100		
92	75.4	56.3	84.5
138	129.8	81.8	122.8#



#48
 Acenaphthylene
 Concen: 35.70 ng
 RT: 9.54 min Scan# 696
 Delta R.T. -0.01 min
 Lab File: BF089920.D
 Acq: 26 Aug 2016 21:04

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.1	25.7
153	14.3	11.2	16.8

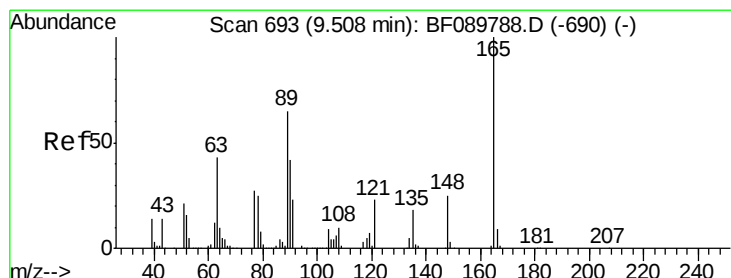
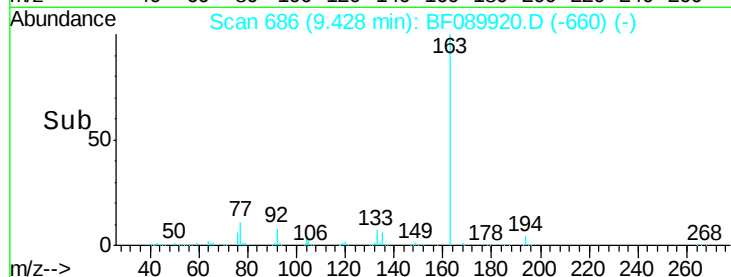
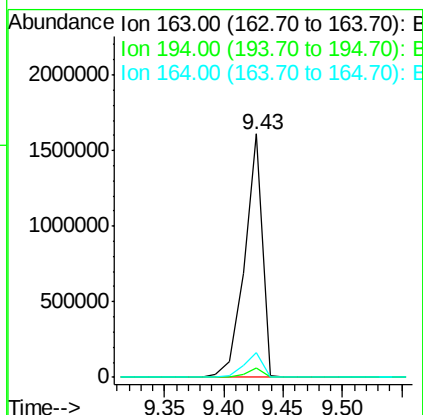
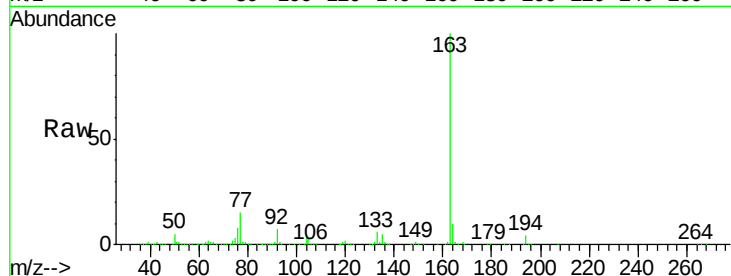




#49
Dimethylphthalate
Concen: 40.05 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF089920.D
Acq: 26 Aug 2016 21:04

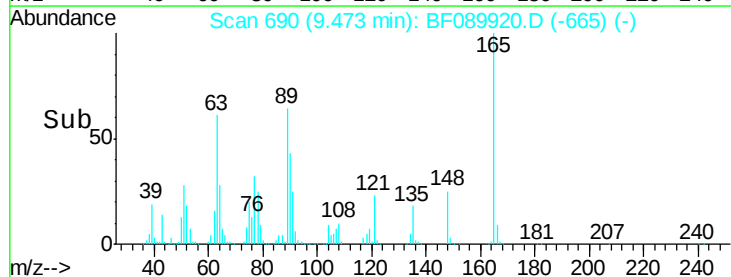
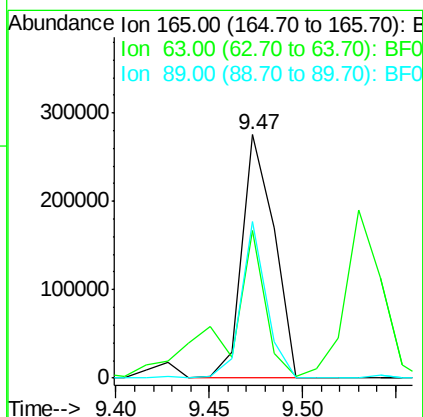
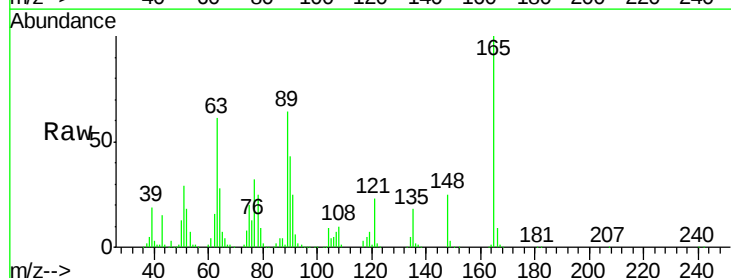
Instrument :
BNA_F
ClientSampleId :
PB93109BSD

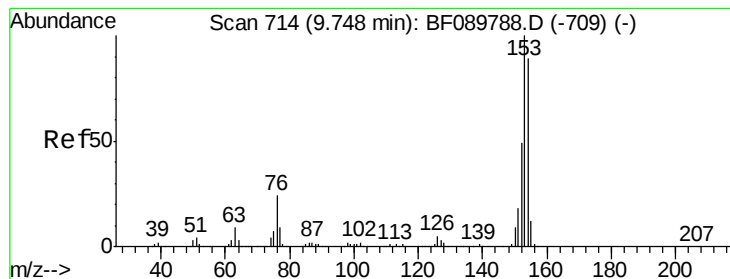
Tot Ion:163 Resp: 1675570
Ion Ratio Lower Upper
163 100
194 3.6 2.6 3.8
164 10.3 8.6 12.8



#50
2,6-Dinitrotoluene
Concen: 33.96 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF089920.D
Acq: 26 Aug 2016 21:04

Tgt Ion:165 Resp: 328056
Ion Ratio Lower Upper
165 100
63 60.5 41.7 62.5
89 64.2 44.6 67.0





#51

Acenaphthene

Concen: 38.21 ng

RT: 9.71 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

Instrument :

BNA_F

ClientSampleId :

PB93109BSD

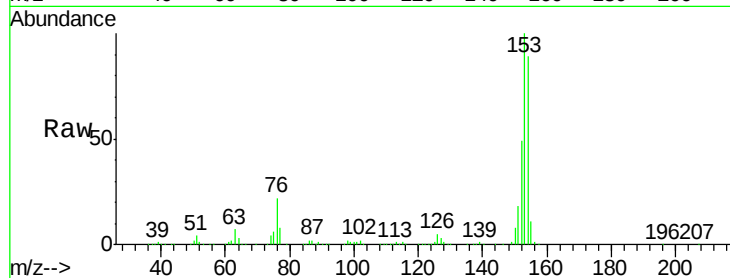
Tot Ion:154 Resp: 1381314

Ion Ratio Lower Upper

154 100

153 112.8 90.5 135.7

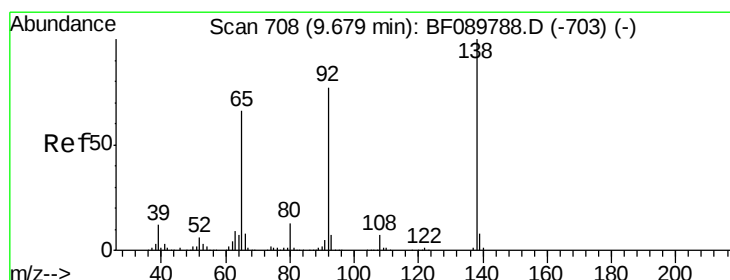
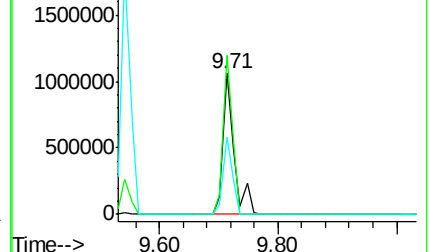
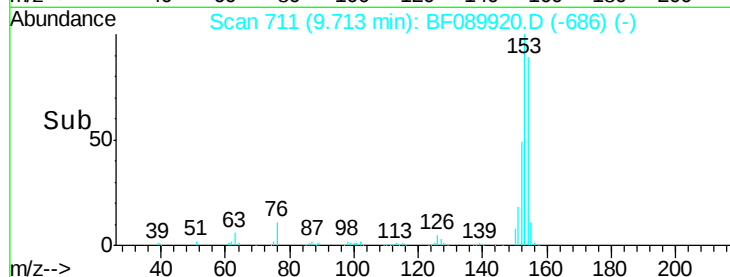
152 54.9 44.6 67.0



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: 24.69 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.00 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

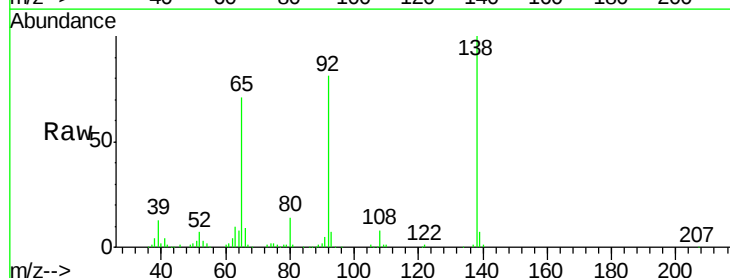
Tgt Ion:138 Resp: 264246

Ion Ratio Lower Upper

138 100

108 7.7 8.1 12.1#

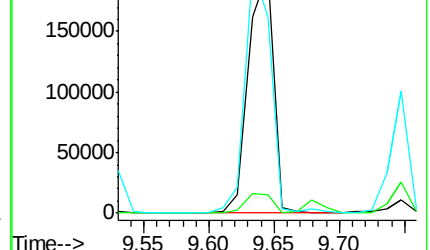
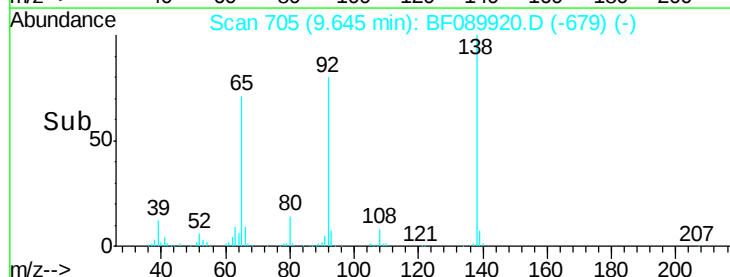
92 81.4 92.7 139.1#

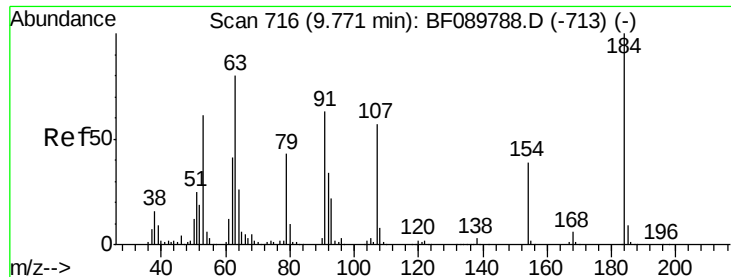


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

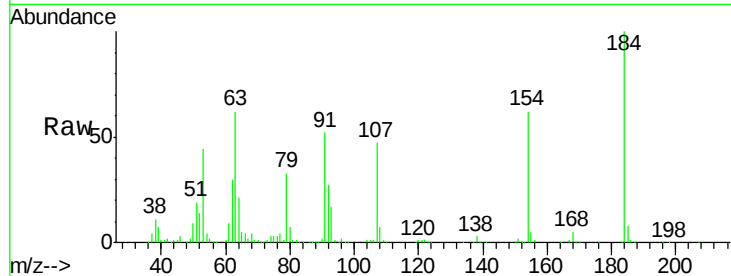




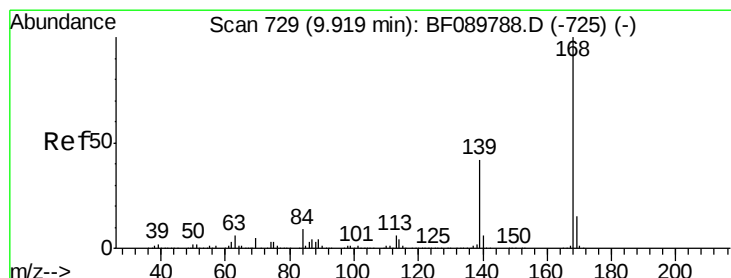
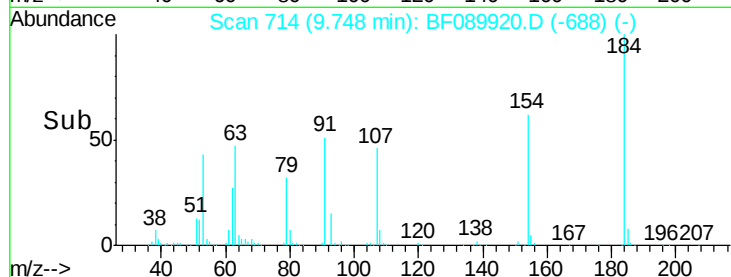
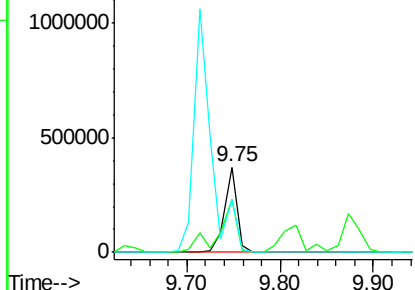
#53
 2,4-Dinitrophenol
 Concen: 65.94 ng
 RT: 9.75 min Scan# 714
 Delta R.T. -0.00 min
 Lab File: BF089920.D
 Acq: 26 Aug 2016 21:04

Instrument :
 BNA_F
 ClientSampleId :
 PB93109BSD

Tot Ion:184 Resp: 345894
 Ion Ratio Lower Upper
 184 100
 63 62.5 54.2 81.4
 154 62.0 52.7 79.1

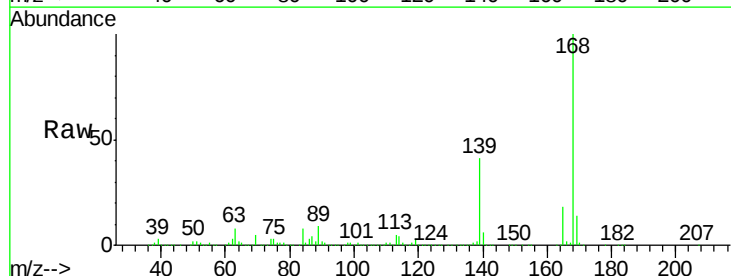


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

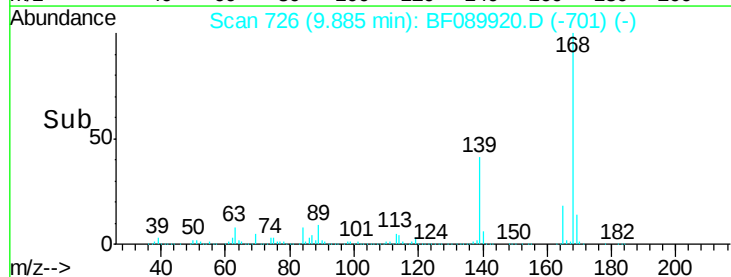
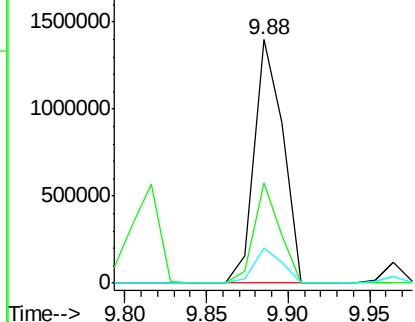


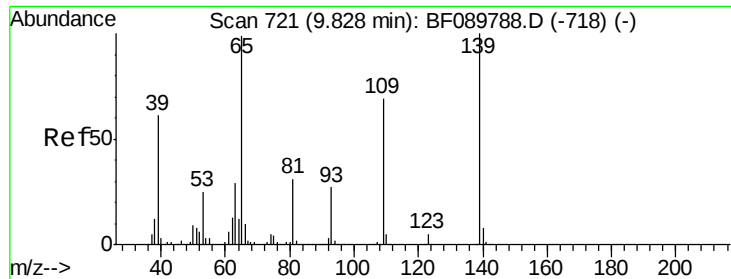
#54
 Dibenzofuran
 Concen: 37.64 ng
 RT: 9.88 min Scan# 726
 Delta R.T. -0.01 min
 Lab File: BF089920.D
 Acq: 26 Aug 2016 21:04

Tgt Ion:168 Resp: 1709371
 Ion Ratio Lower Upper
 168 100
 139 41.3 34.6 52.0
 169 14.4 11.5 17.3



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

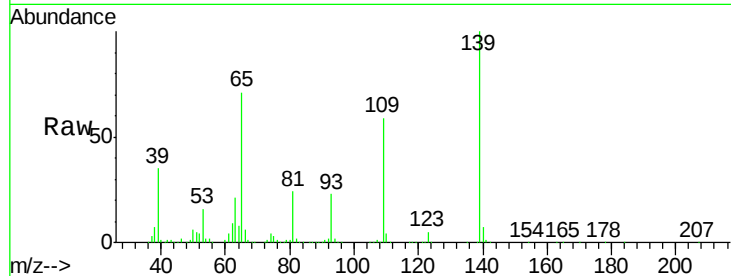




#55
4-Nitrophenol
Concen: 80.64 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF089920.D
Acq: 26 Aug 2016 21:04

Instrument :
BNA_F
ClientSampleId :
PB93109BSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	59.3	43.0	83.0
65	70.5	55.7	95.7

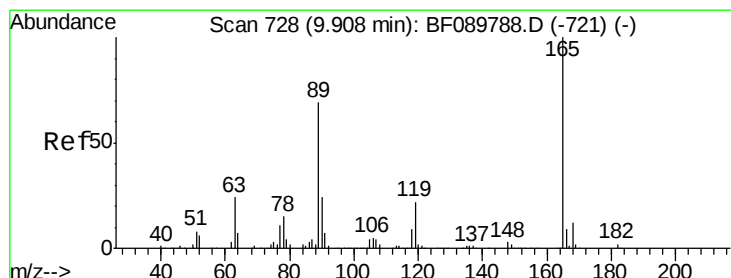
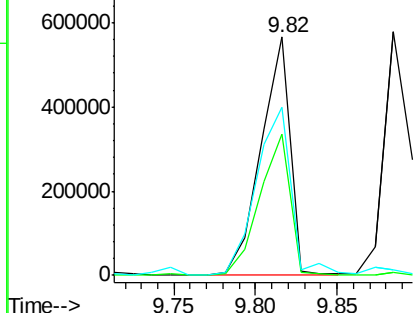
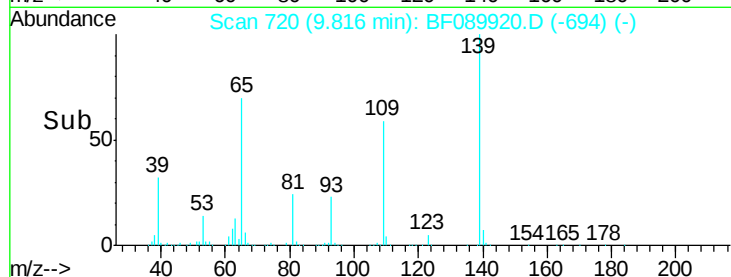


Abundance

Ion 139.00 (138.70 to 139.70): E

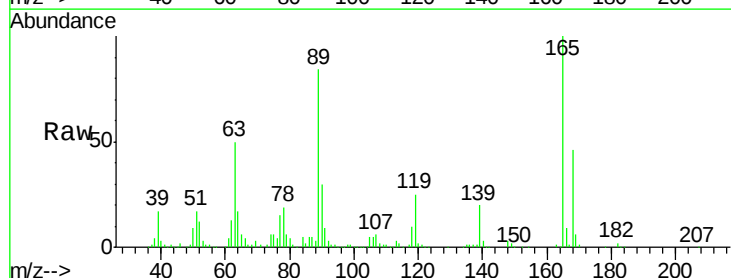
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



#56
2,4-Dinitrotoluene
Concen: 35.40 ng
RT: 9.87 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF089920.D
Acq: 26 Aug 2016 21:04

Tgt Ion	Ratio	Lower	Upper
165	100		
63	50.1	23.7	35.5#
89	84.5	44.0	66.0#
182	2.0	2.0	3.0#



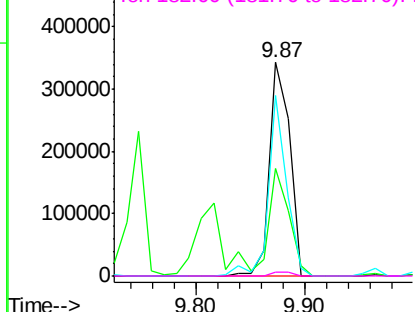
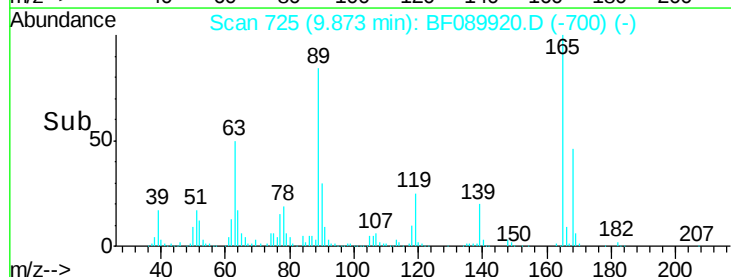
Abundance

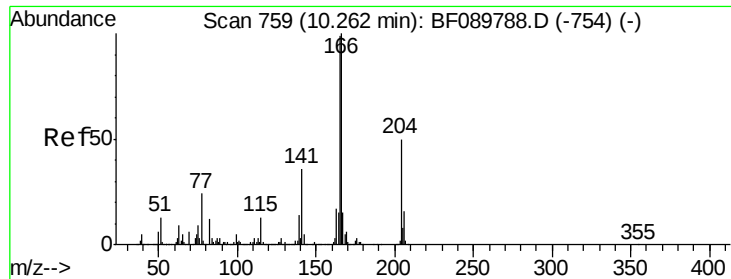
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 89.00 (88.70 to 89.70): E

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 32.47 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

Instrument :

BNA_F

ClientSampleId :

PB93109BSD

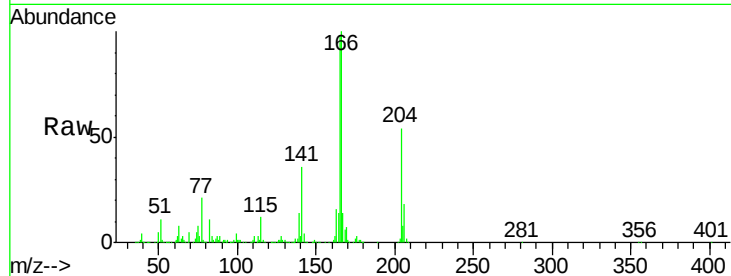
Tot Ion:166 Resp: 1174854

Ion Ratio Lower Upper

166 100

165 97.8 80.2 120.4

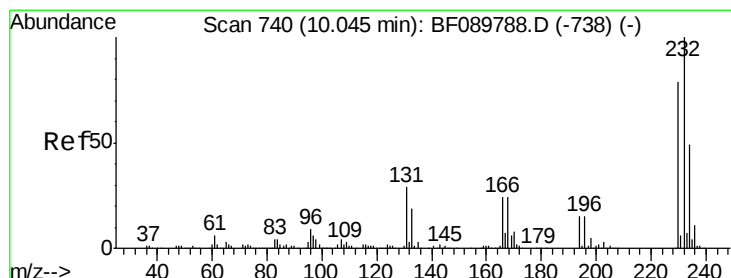
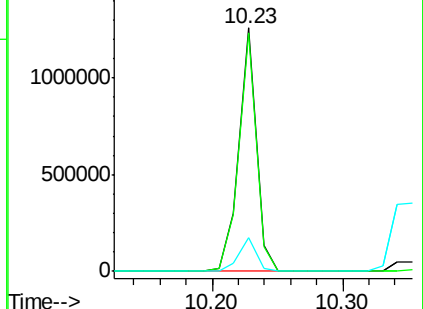
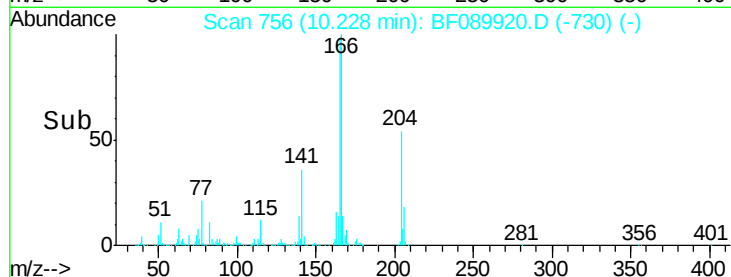
167 13.9 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.46 ng m

RT: 10.01 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

Tgt Ion:232 Resp: 380885

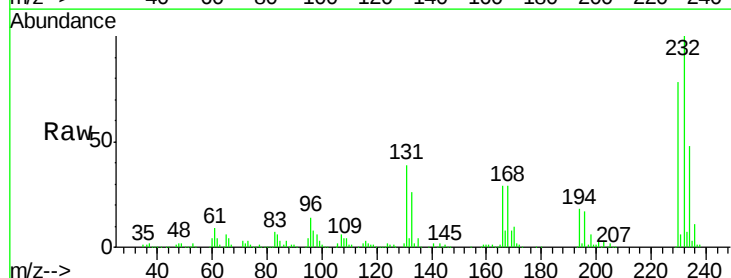
Ion Ratio Lower Upper

232 100

131 46.0 42.5 63.7

130 2.4 2.2 3.4

166 27.2 27.3 40.9#

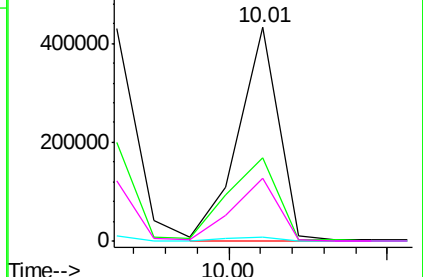
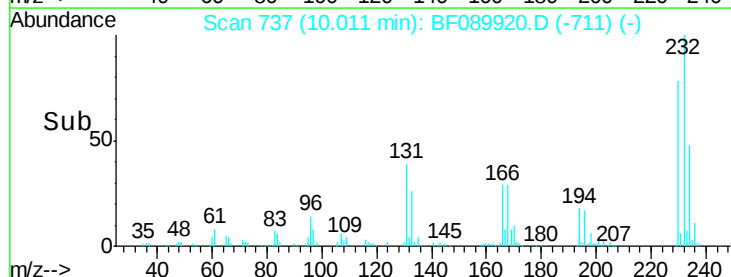


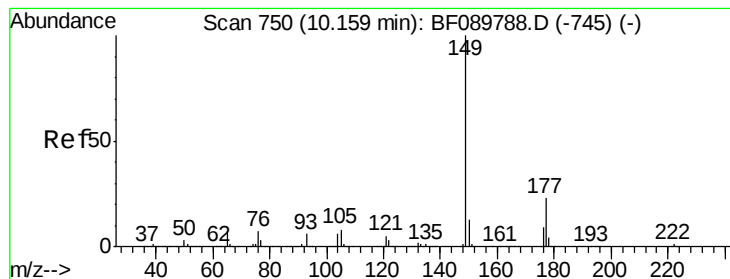
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 38.30 ng

RT: 10.12 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

Instrument :

BNA_F

ClientSampleId :

PB93109BSD

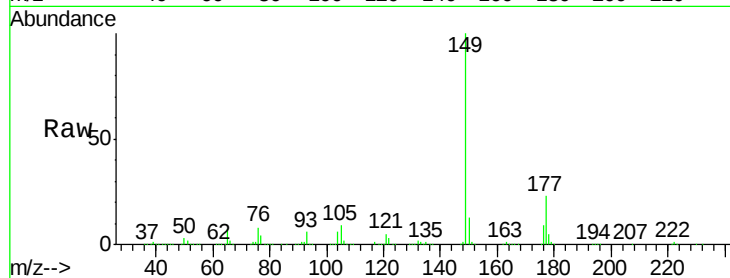
Tot Ion:149 Resp: 1627770

Ion Ratio Lower Upper

149 100

177 23.0 16.6 25.0

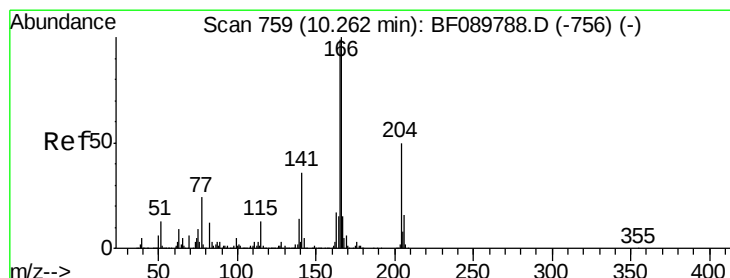
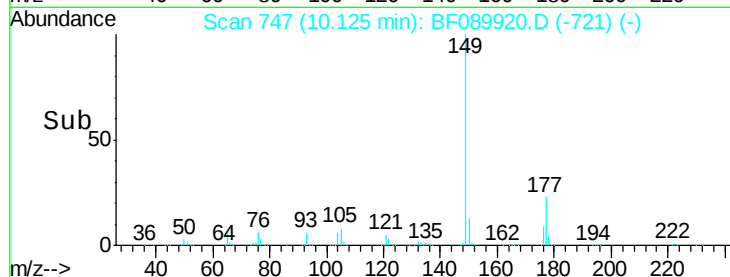
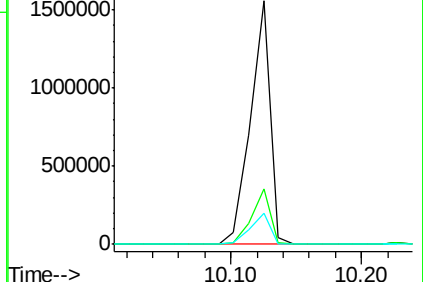
150 12.9 10.5 15.7



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: 34.08 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

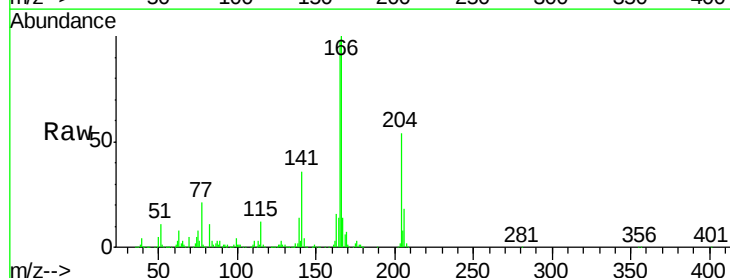
Tgt Ion:204 Resp: 562510

Ion Ratio Lower Upper

204 100

206 33.0 26.5 39.7

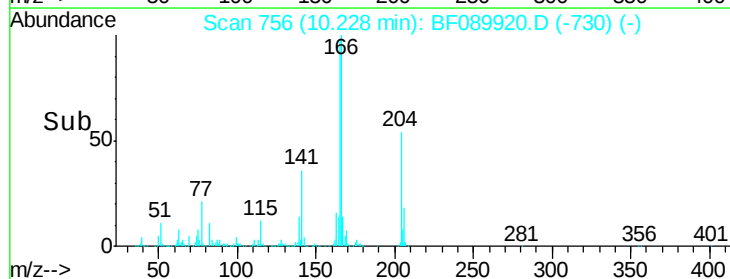
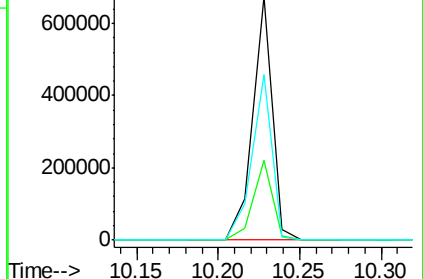
141 68.0 54.1 81.1

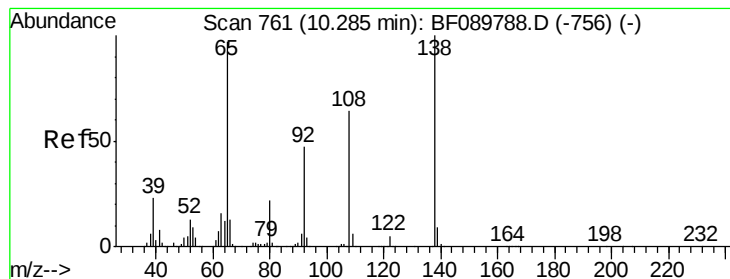


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.64 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

Instrument :

BNA_F

ClientSampleId :

PB93109BSD

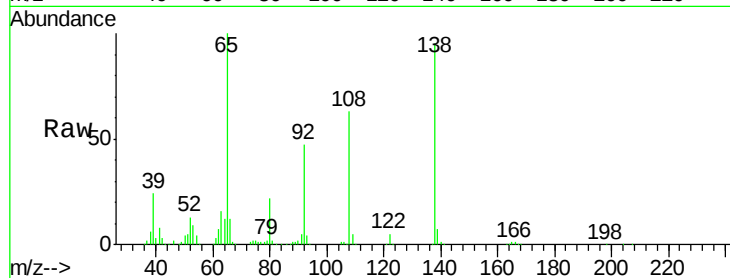
Tot Ion:138 Resp: 387730

Ion Ratio Lower Upper

138 100

92 49.5 26.4 66.4

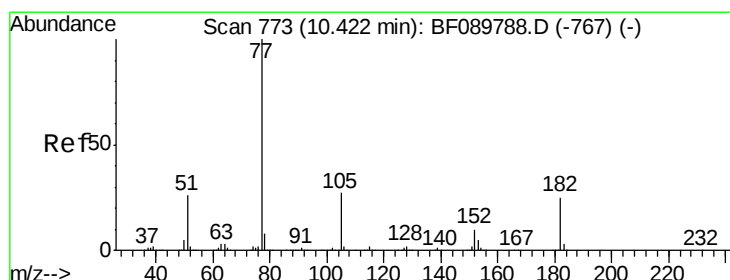
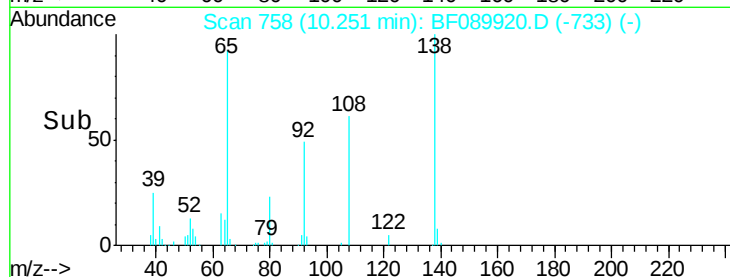
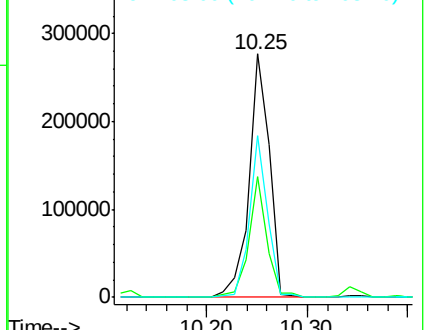
108 66.6 47.0 87.0



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: 42.02 ng

RT: 10.39 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

Tgt Ion: 77 Resp: 1679029

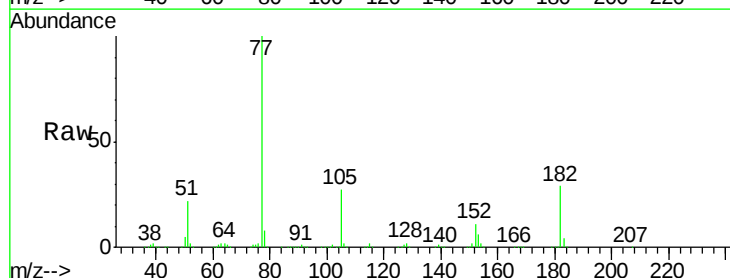
Ion Ratio Lower Upper

77 100

182 28.5 5.6 45.6

105 27.3 4.0 44.0

51 22.5 7.8 47.8

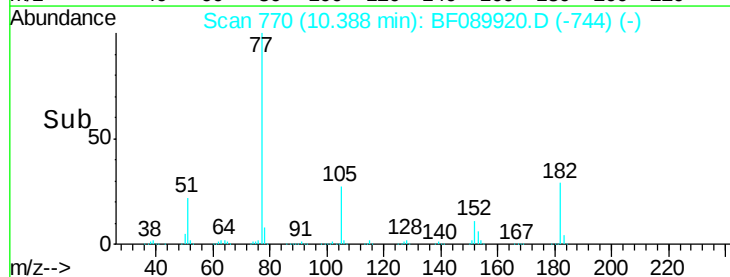
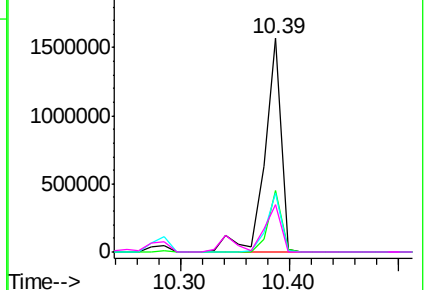


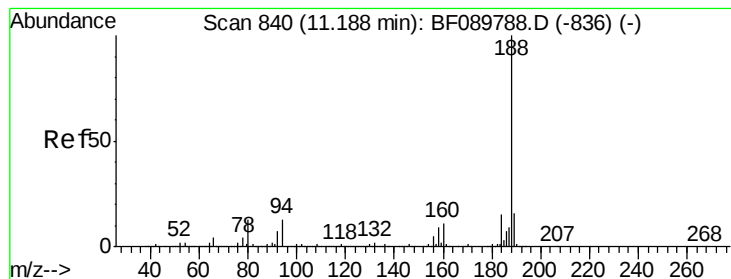
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.15 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

Instrument :

BNA_F

ClientSampleId :

PB93109BSD

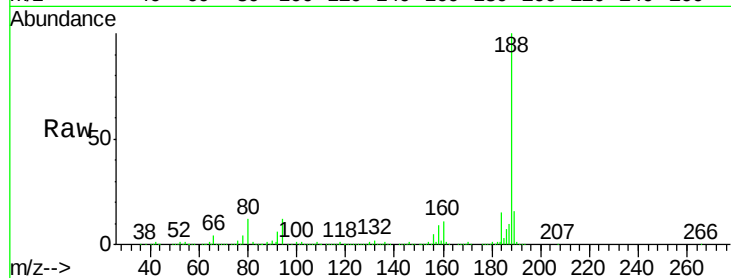
Tot Ion:188 Resp: 1078942

Ion Ratio Lower Upper

188 100

94 11.6 10.2 15.2

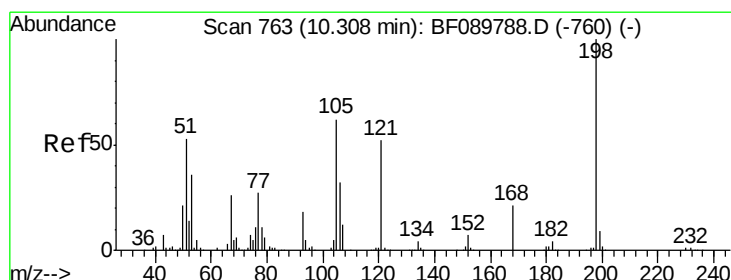
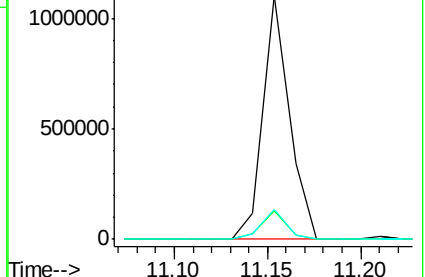
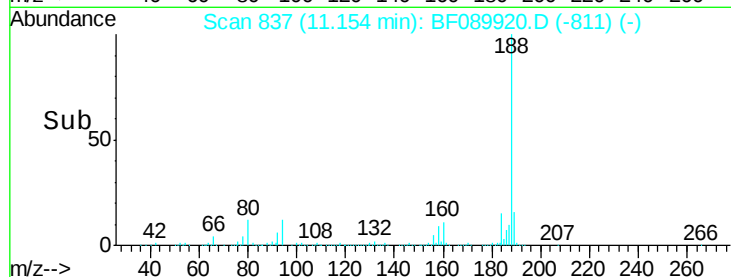
80 12.2 10.9 16.3



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: 44.16 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

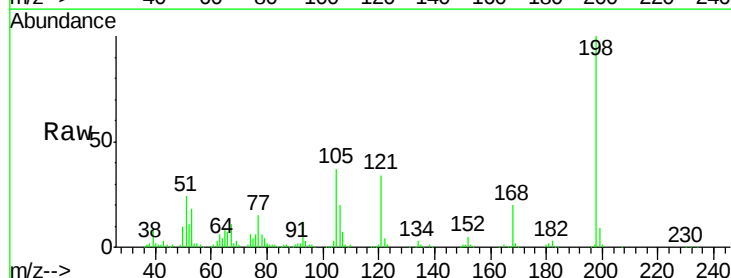
Tgt Ion:198 Resp: 273830

Ion Ratio Lower Upper

198 100

51 23.6 32.3 72.3#

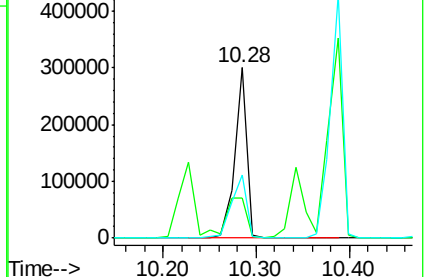
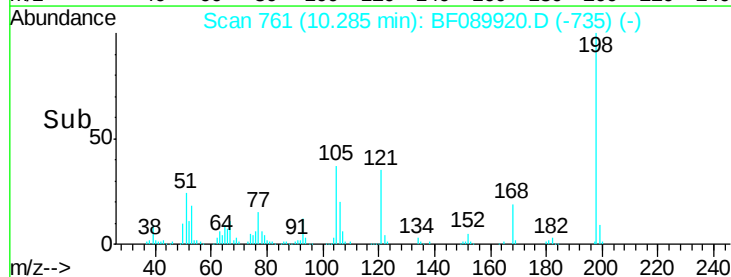
105 37.0 32.9 72.9

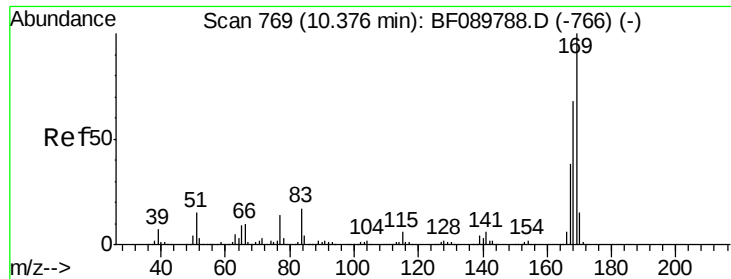


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

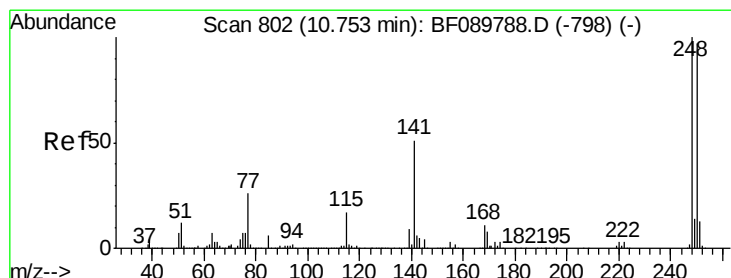
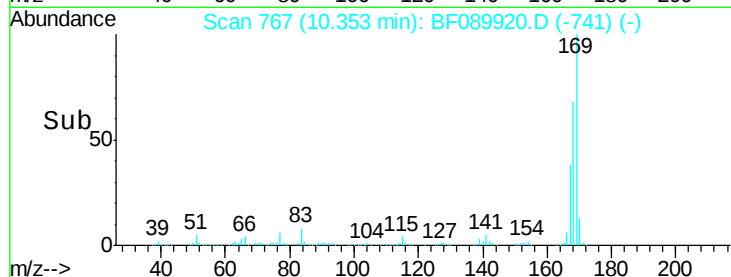
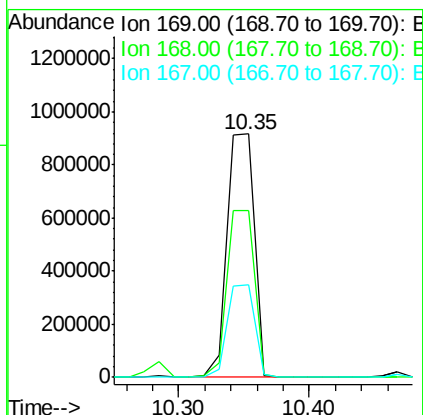
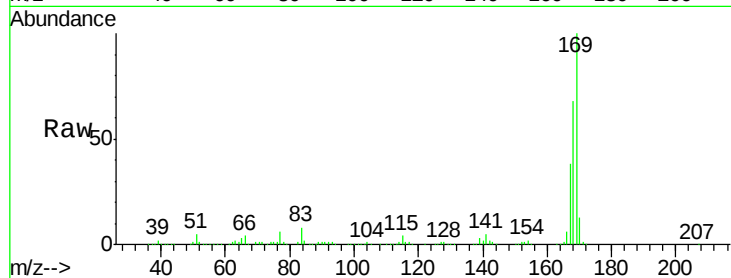




#65
 n-Nitrosodiphenylamine
 Concen: 38.98 ng
 RT: 10.35 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BF089920.D
 Acq: 26 Aug 2016 21:04

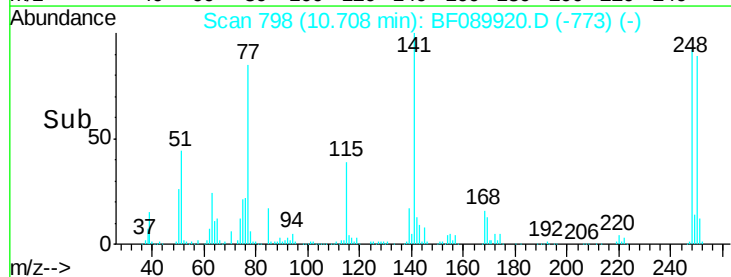
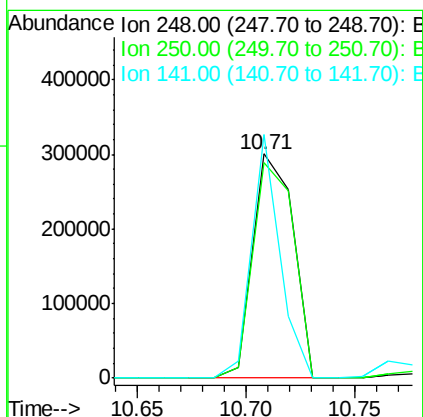
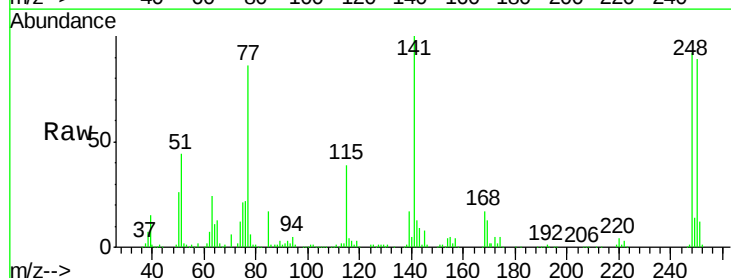
Instrument :
 BNA_F
 ClientSampleId :
 PB93109BSD

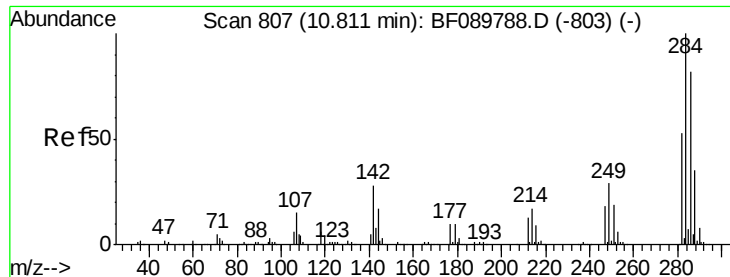
Tot Ion:169 Resp: 1322491
 Ion Ratio Lower Upper
 169 100
 168 68.3 54.6 82.0
 167 38.2 30.6 45.8



#66
 4-Bromophenyl-phenylether
 Concen: 34.54 ng
 RT: 10.71 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF089920.D
 Acq: 26 Aug 2016 21:04

Tgt Ion:248 Resp: 390727
 Ion Ratio Lower Upper
 248 100
 250 96.3 78.6 117.8
 141 108.6 31.4 47.2#

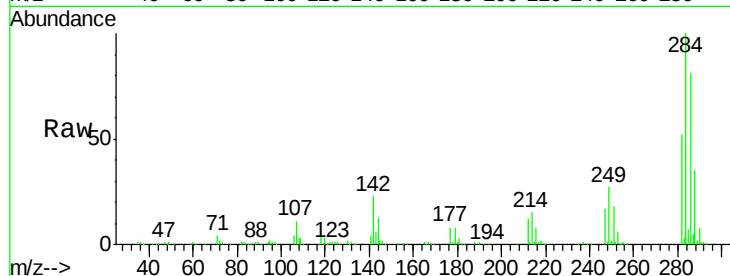




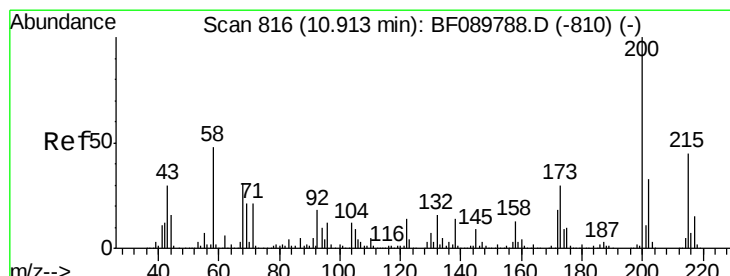
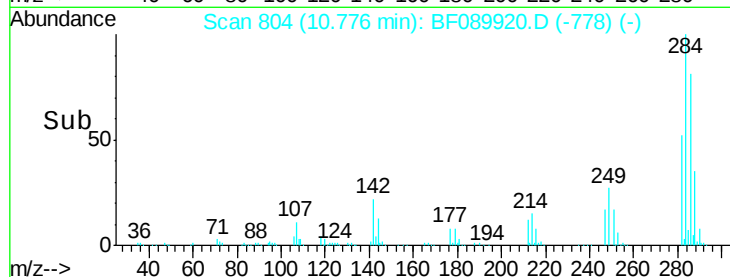
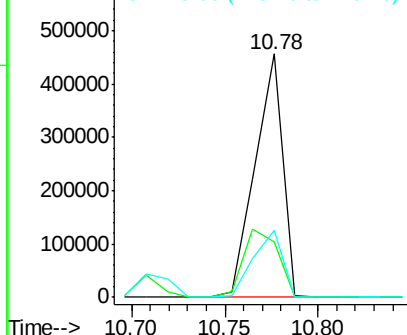
#67
Hexachlorobenzene
Concen: 36.87 ng
RT: 10.78 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF089920.D
Acq: 26 Aug 2016 21:04

Instrument :
BNA_F
ClientSampleId :
PB93109BSD

Tot Ion:284 Resp: 475737
Ion Ratio Lower Upper
284 100
142 22.5 17.4 26.2
249 27.4 22.8 34.2

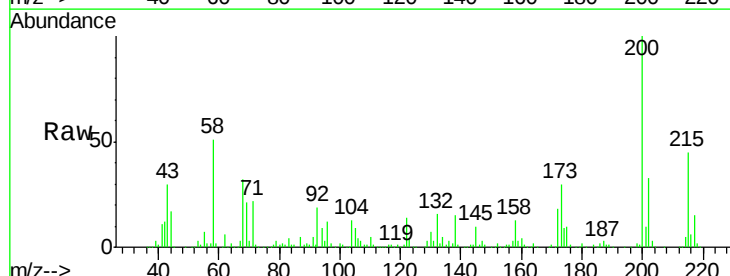


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

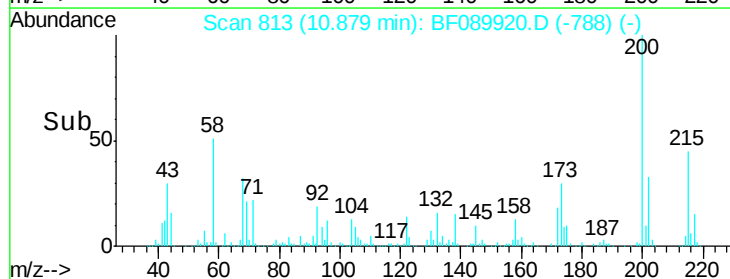
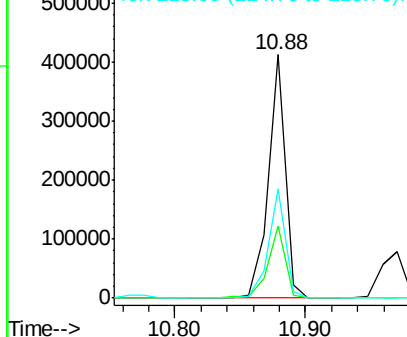


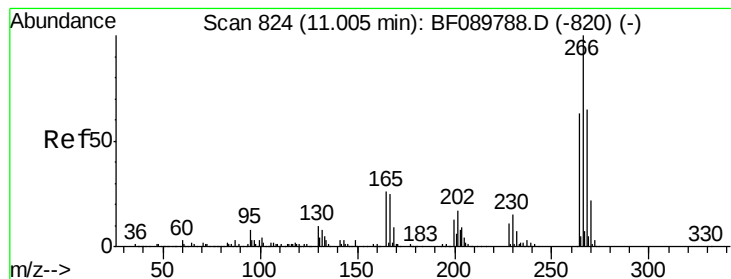
#68
Atrazine
Concen: 36.27 ng
RT: 10.88 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF089920.D
Acq: 26 Aug 2016 21:04

Tgt Ion:200 Resp: 376837
Ion Ratio Lower Upper
200 100
173 29.9 6.6 46.6
215 44.6 24.7 64.7



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: 74.44 ng

RT: 10.97 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

Instrument :

BNA_F

ClientSampleId :

PB93109BSD

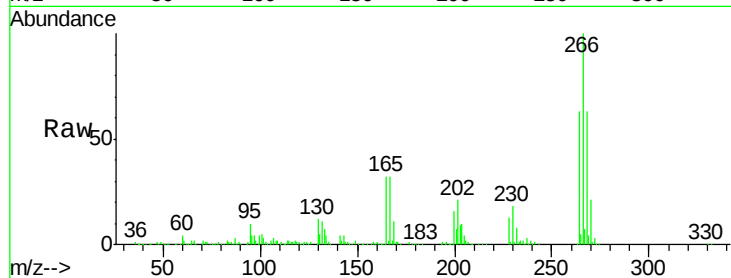
Tot Ion:266 Resp: 544499

Ion Ratio Lower Upper

266 100

268 63.5 53.2 79.8

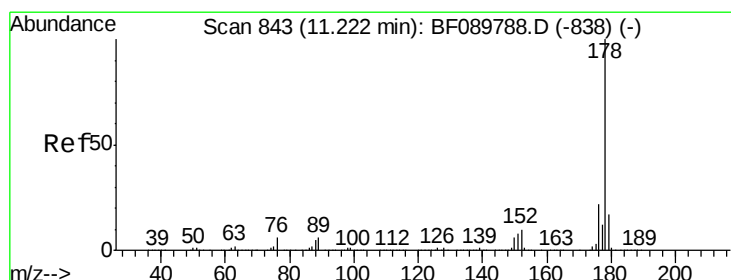
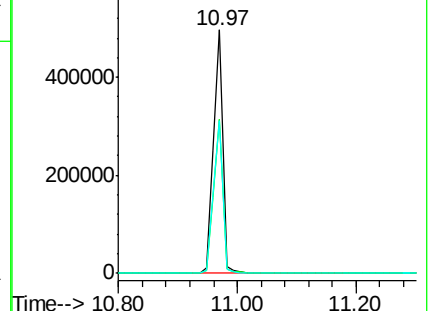
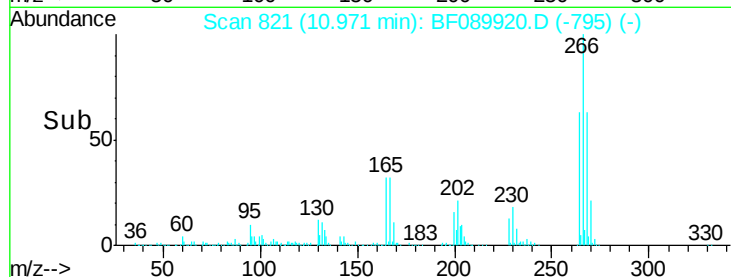
264 62.6 51.1 76.7



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: 36.03 ng

RT: 11.18 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

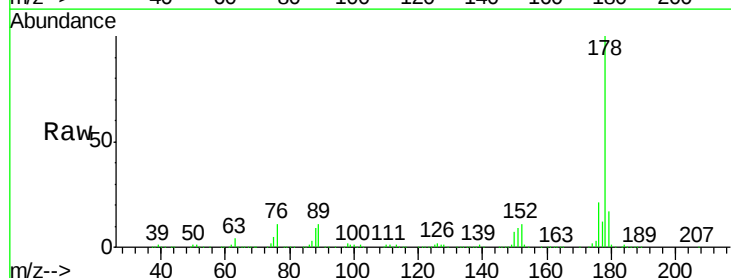
Tgt Ion:178 Resp: 1963494

Ion Ratio Lower Upper

178 100

176 20.6 16.4 24.6

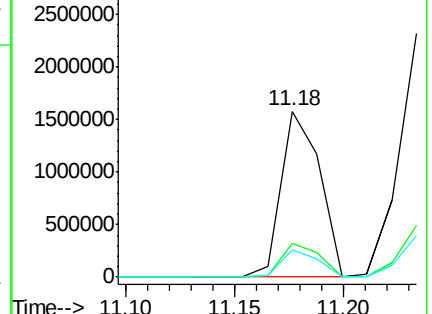
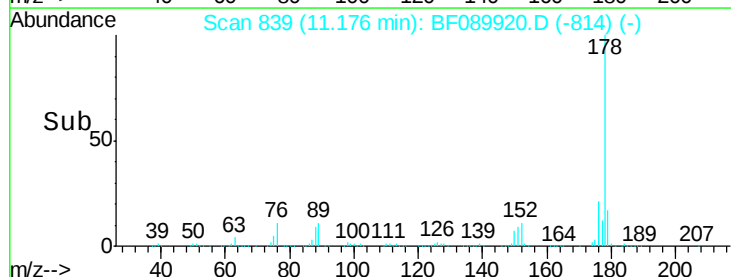
179 16.8 12.5 18.7

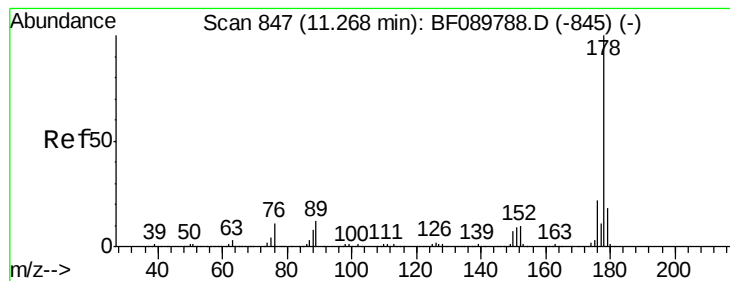


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 39.04 ng

RT: 11.23 min Scan# 844

Delta R.T. -0.00 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

Instrument :

BNA_F

ClientSampleId :

PB93109BSD

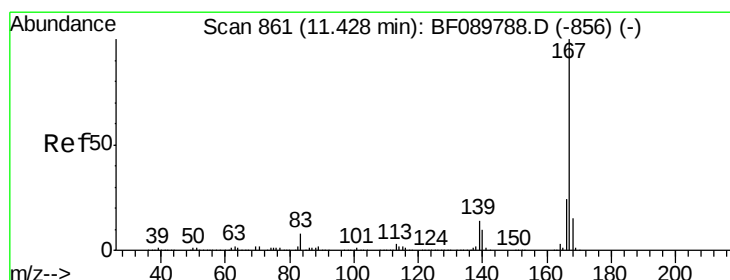
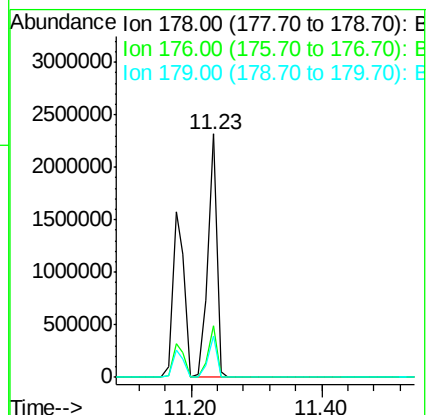
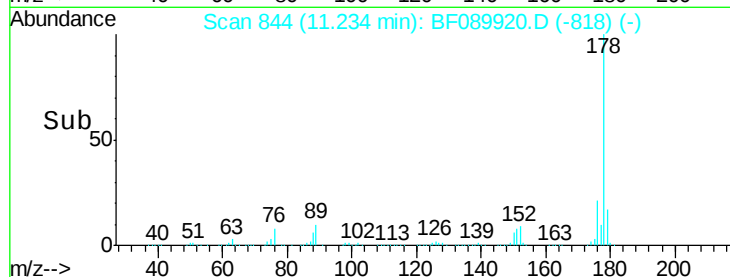
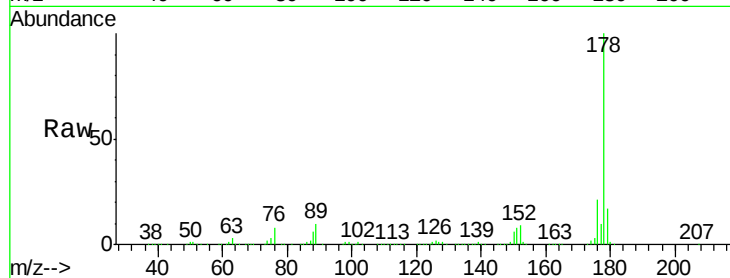
Tot Ion:178 Resp: 2162391

Ion Ratio Lower Upper

178 100

176 21.0 16.4 24.6

179 17.0 13.1 19.7



#72

Carbazole

Concen: 40.17 ng

RT: 11.38 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

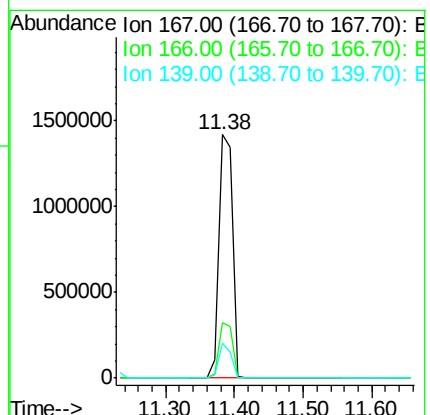
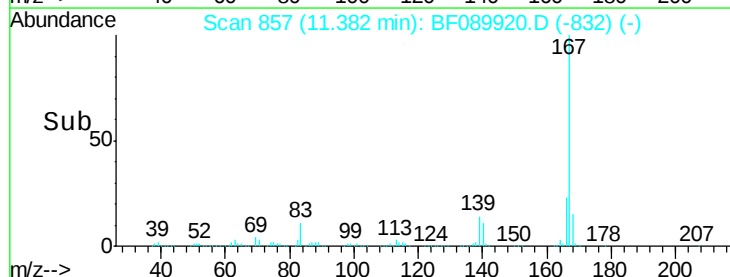
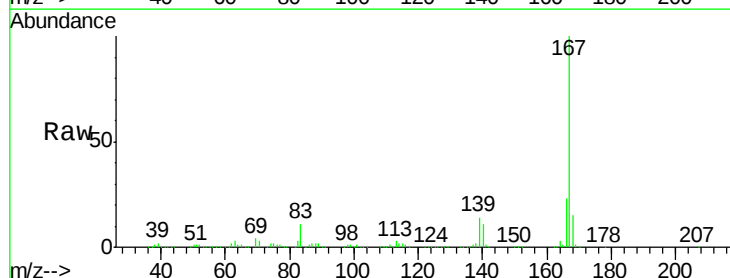
Tgt Ion:167 Resp: 1995998

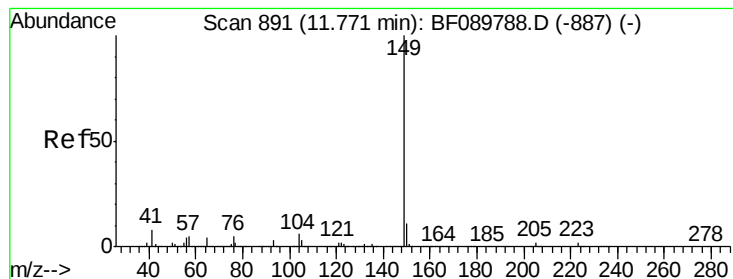
Ion Ratio Lower Upper

167 100

166 22.7 17.9 26.9

139 14.3 12.4 18.6





#73

Di-n-butylphthalate

Concen: 38.08 ng

RT: 11.74 min Scan# 888

Delta R.T. -0.00 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

Instrument :

BNA_F

ClientSampleId :

PB93109BSD

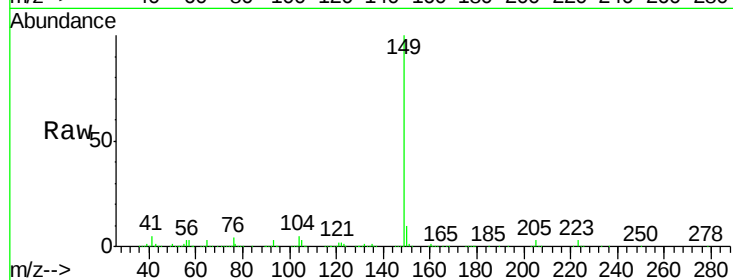
Tot Ion:149 Resp: 2367373

Ion Ratio Lower Upper

149 100

150 10.3 7.9 11.9

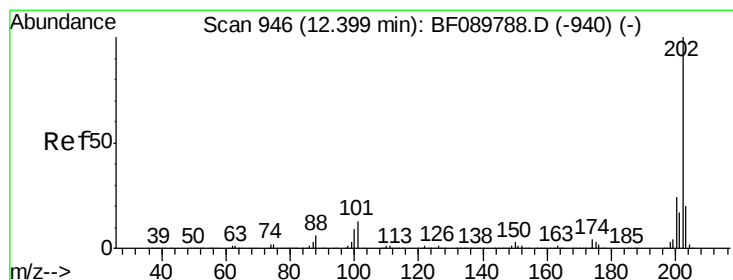
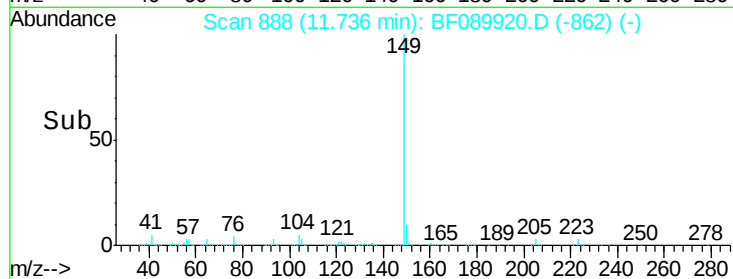
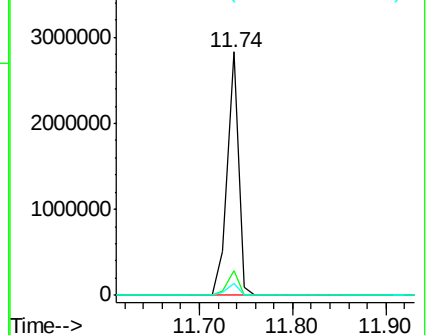
104 4.9 4.3 6.5



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: 38.28 ng

RT: 12.35 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

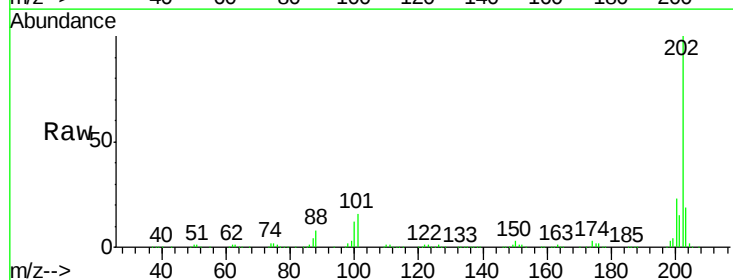
Tgt Ion:202 Resp: 1984341

Ion Ratio Lower Upper

202 100

101 16.1 0.0 31.2

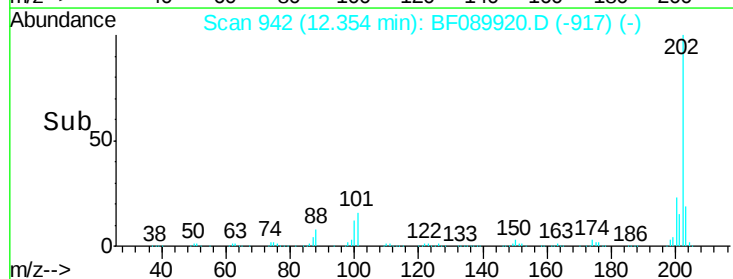
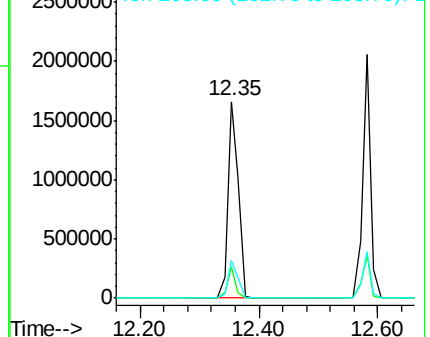
203 19.0 0.0 38.1

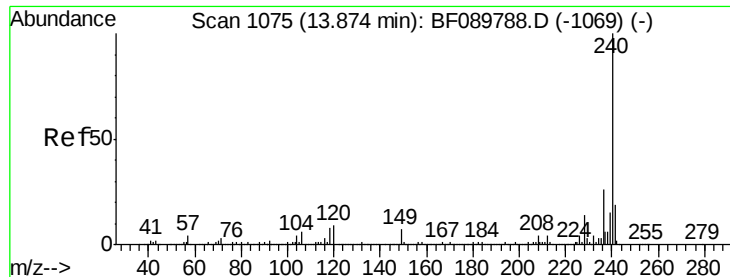


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.78 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

Instrument :

BNA_F

ClientSampleId :

PB93109BSD

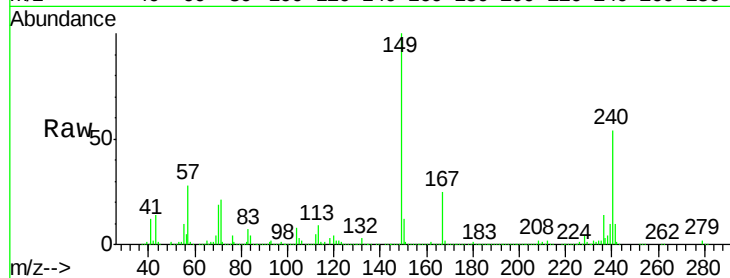
Tot Ion:240 Resp: 757477

Ion Ratio Lower Upper

240 100

120 6.7 8.3 12.5#

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

800000

600000

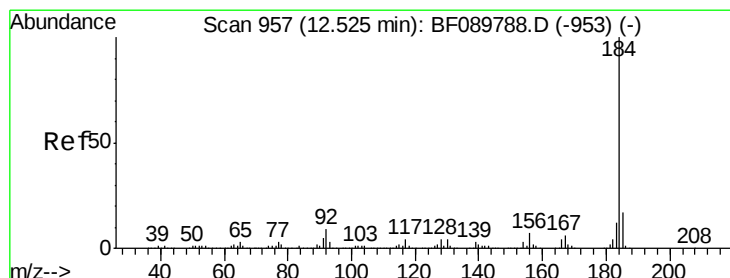
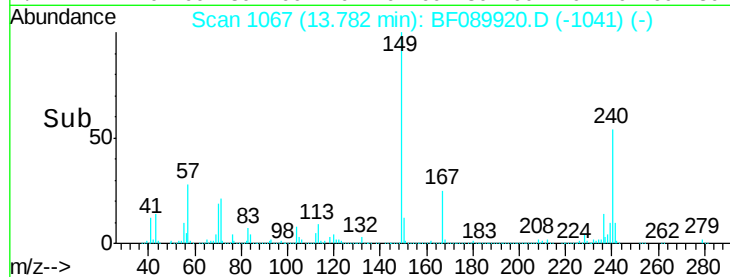
400000

200000

0

13.70 13.80 13.90 14.00

Time-->



#76

Benzidine

Concen: 36.91 ng

RT: 12.49 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

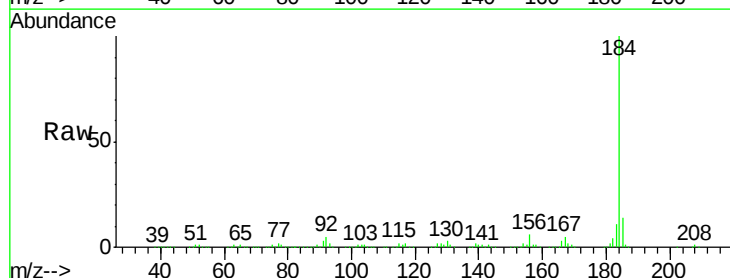
Tgt Ion:184 Resp: 904726

Ion Ratio Lower Upper

184 100

185 14.3 13.8 20.8

183 11.2 9.7 14.5



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

800000

600000

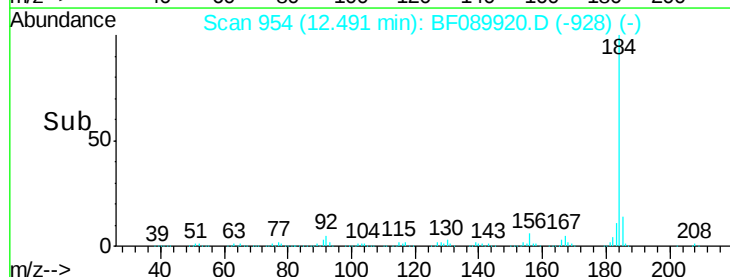
400000

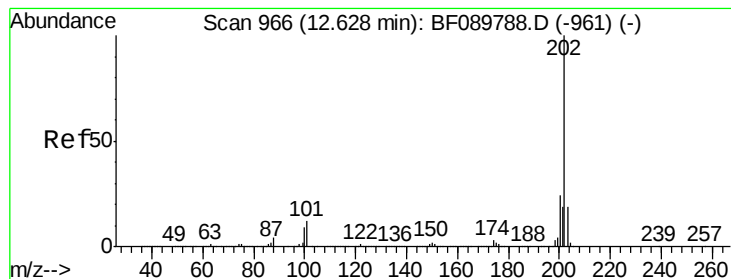
200000

0

12.40 12.60

Time-->





#77

Pvrene

Concen: 31.21 ng

RT: 12.58 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

Instrument :

BNA_F

ClientSampleId :

PB93109BSD

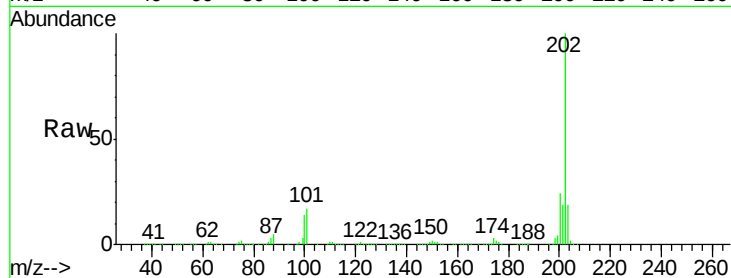
Tot Ion:202 Resp: 1925216

Ion Ratio Lower Upper

202 100

200 23.5 17.8 26.6

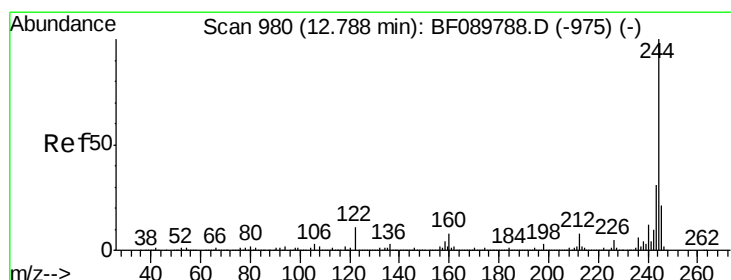
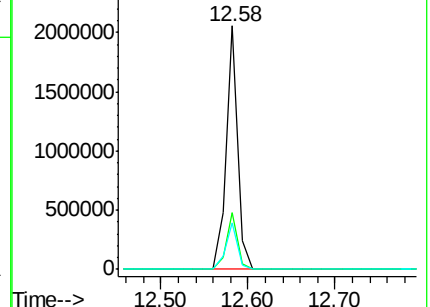
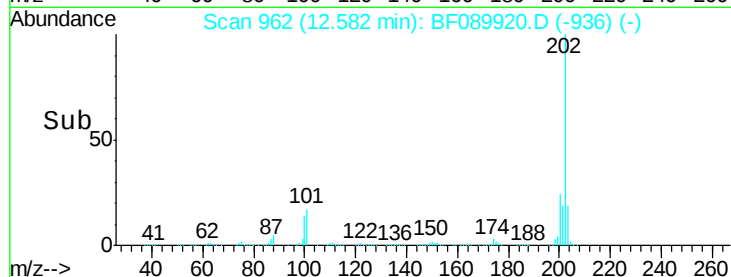
203 19.1 14.2 21.4



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: 62.81 ng

RT: 12.74 min Scan# 976

Delta R.T. -0.00 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

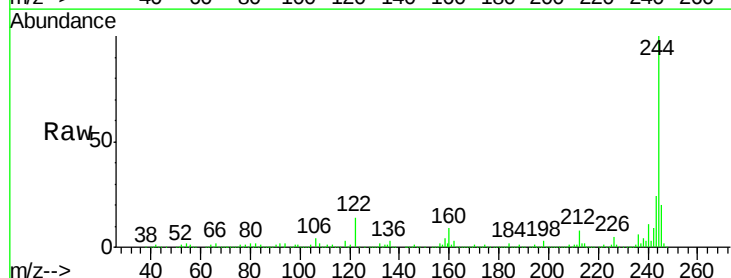
Tgt Ion:244 Resp: 2102905

Ion Ratio Lower Upper

244 100

212 8.1 6.3 9.5

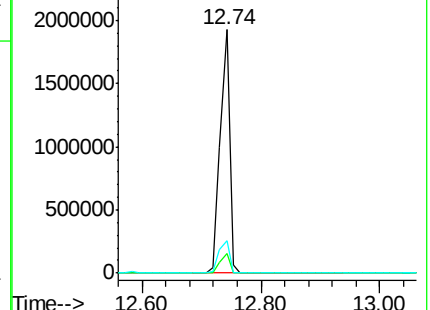
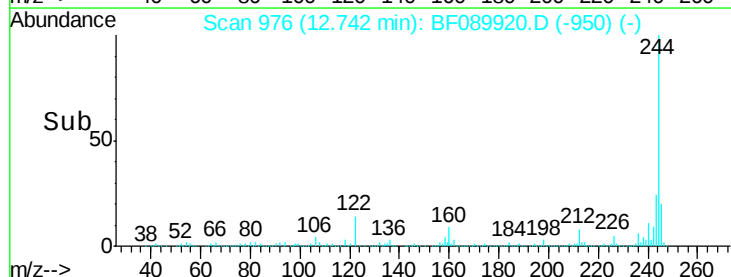
122 13.6 12.0 18.0

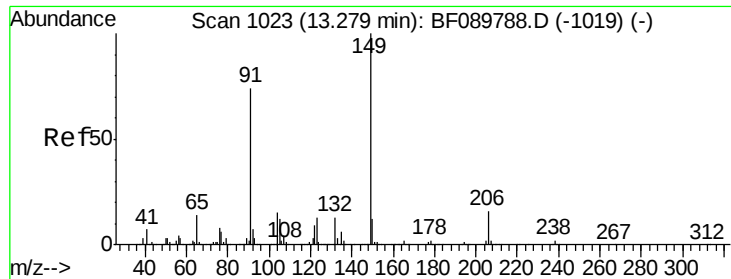


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

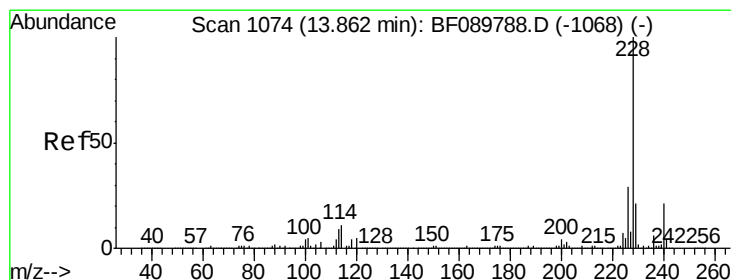
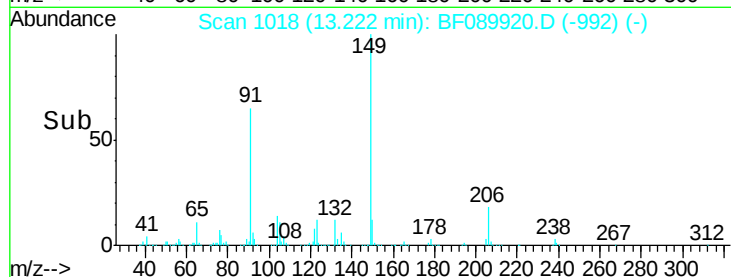
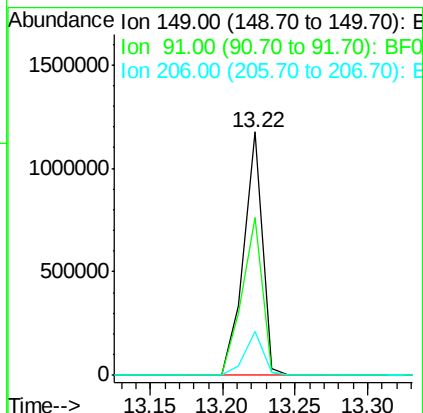
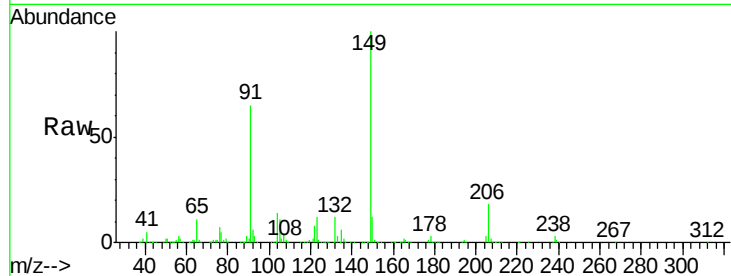




#79
Butylbenzylphthalate
Concen: 38.32 ng
RT: 13.22 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF089920.D
Acq: 26 Aug 2016 21:04

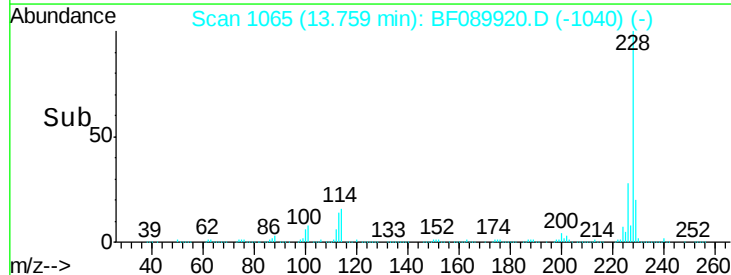
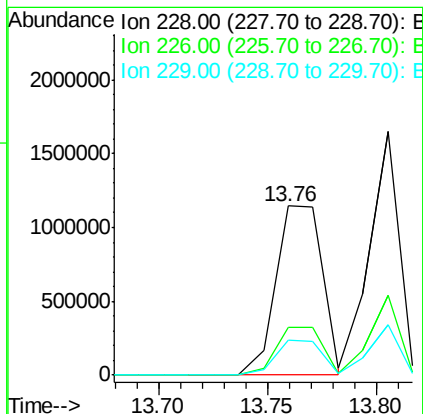
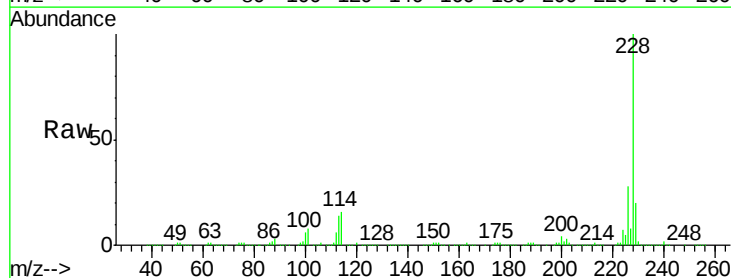
Instrument :
BNA_F
ClientSampleId :
PB93109BSD

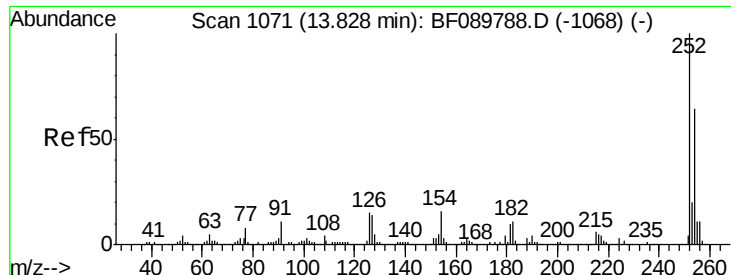
Tot Ion:149 Resp: 1067623
Ion Ratio Lower Upper
149 100
91 65.1 50.7 76.1
206 18.1 15.5 23.3



#80
Benzo(a)anthracene
Concen: 39.55 ng
RT: 13.76 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BF089920.D
Acq: 26 Aug 2016 21:04

Tgt Ion:228 Resp: 1715605
Ion Ratio Lower Upper
228 100
226 28.0 23.2 34.8
229 20.5 16.2 24.4

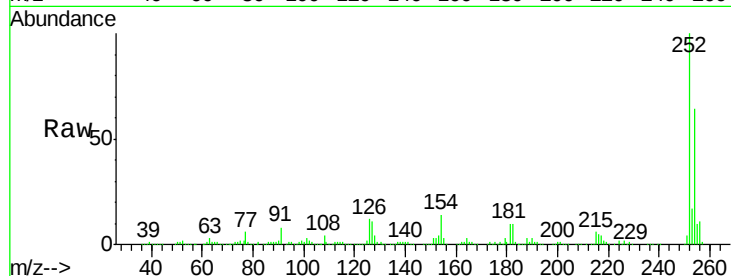




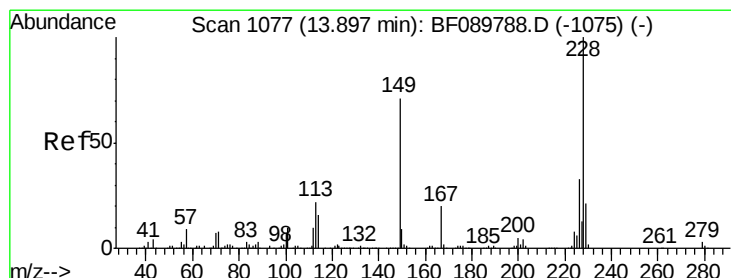
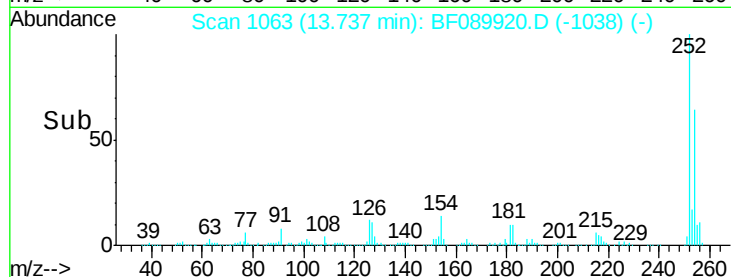
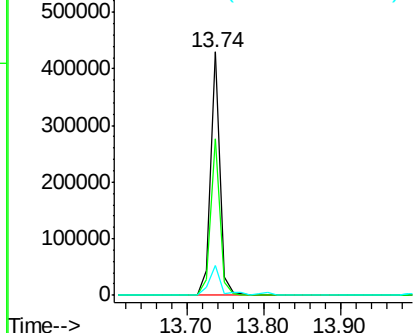
#81
 3,3'-Dichlorobenzidine
 Concen: 25.02 ng
 RT: 13.74 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BF089920.D
 Acq: 26 Aug 2016 21:04

Instrument :
 BNA_F
 ClientSampleId :
 PB93109BSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.3	50.6	75.8
126	12.1	12.6	18.8#

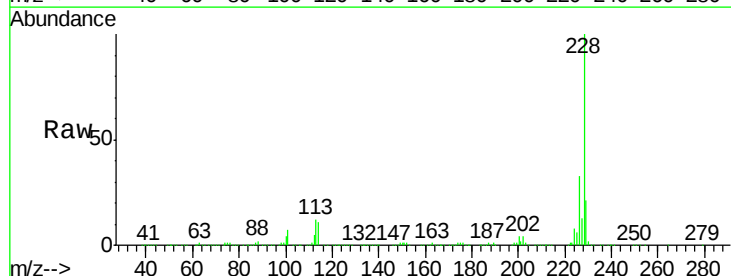


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

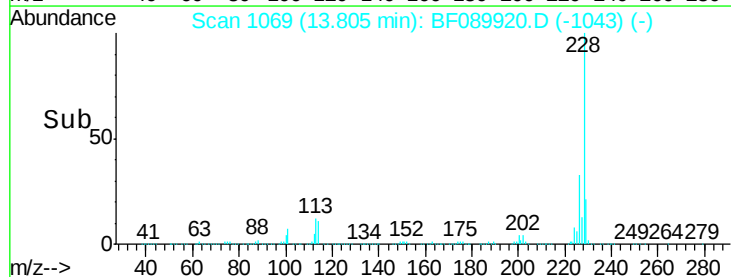
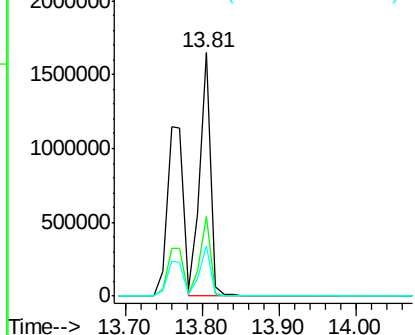


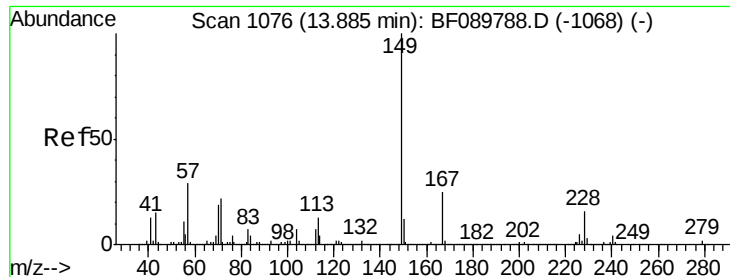
#82
 Chrysene
 Concen: 42.54 ng
 RT: 13.81 min Scan# 1069
 Delta R.T. -0.00 min
 Lab File: BF089920.D
 Acq: 26 Aug 2016 21:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.0	25.4	38.0
229	20.6	16.5	24.7



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

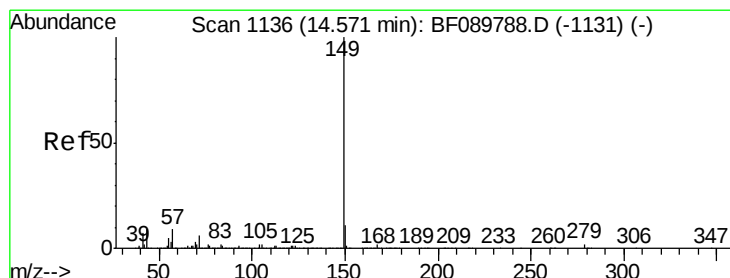
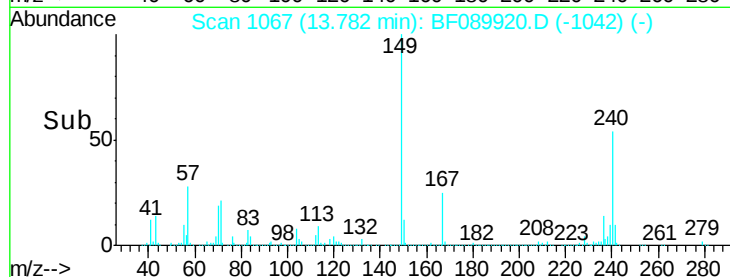
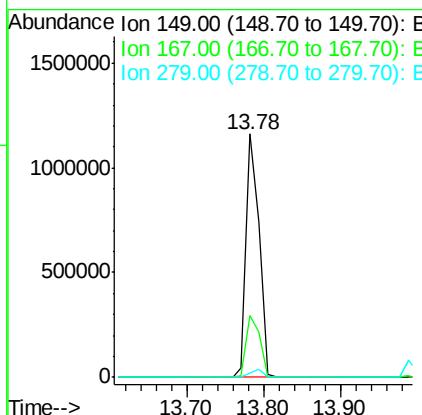
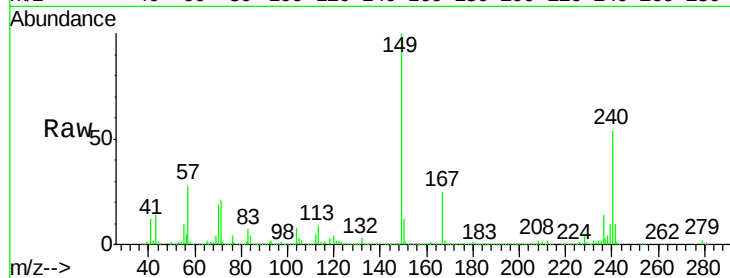




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.32 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: BF089920.D
 Acq: 26 Aug 2016 21:04

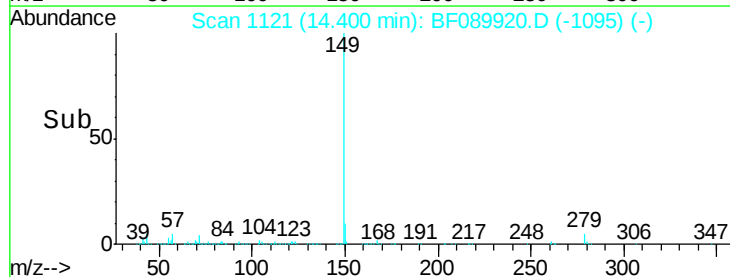
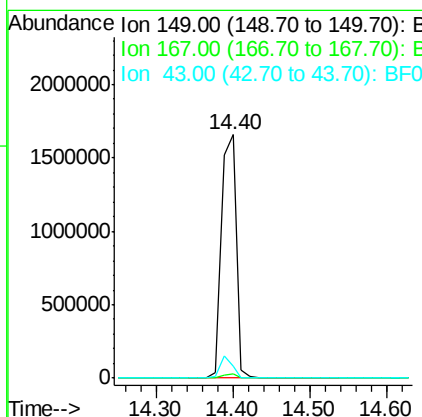
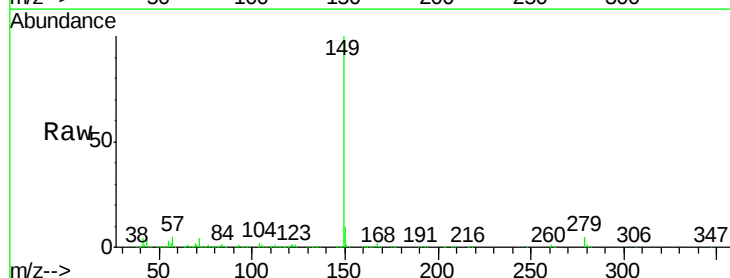
Instrument :
 BNA_F
 ClientSampleId :
 PB93109BSD

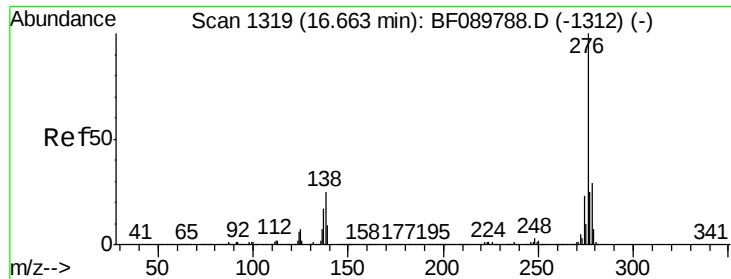
Tot Ion:149 Resp: 1355416
 Ion Ratio Lower Upper
 149 100
 167 25.2 21.2 31.8
 279 1.8 2.9 4.3#



#84
 Di-n-octyl phthalate
 Concen: 44.44 ng
 RT: 14.40 min Scan# 1121
 Delta R.T. -0.00 min
 Lab File: BF089920.D
 Acq: 26 Aug 2016 21:04

Tgt Ion:149 Resp: 2266241
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 7.3 8.4 12.6#

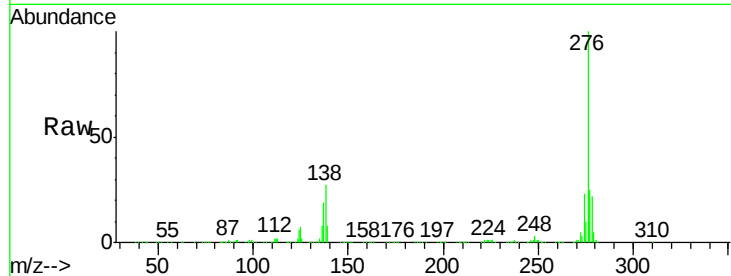




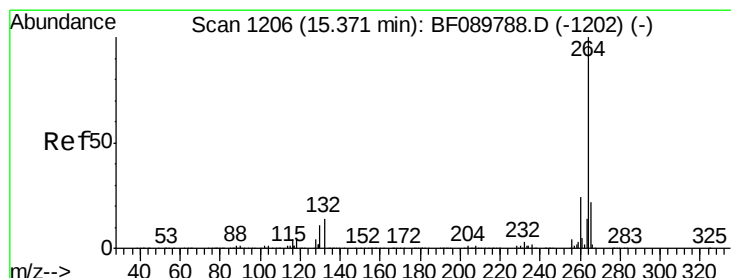
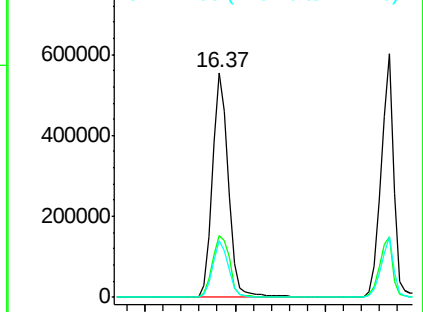
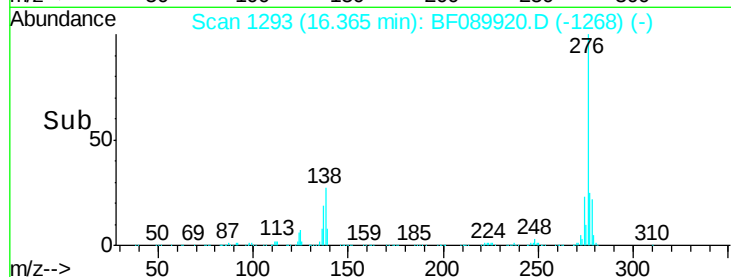
#85
Indeno(1,2,3-cd)pyrene
Concen: 28.99 ng
RT: 16.37 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF089920.D
Acq: 26 Aug 2016 21:04

Instrument :
BNA_F
ClientSampleId :
PB93109BSD

Tot Ion:276 Resp: 1375499
Ion Ratio Lower Upper
276 100
138 30.2 24.6 36.8
277 25.2 20.4 30.6

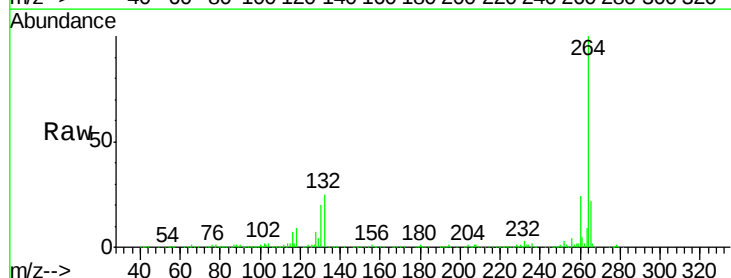


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

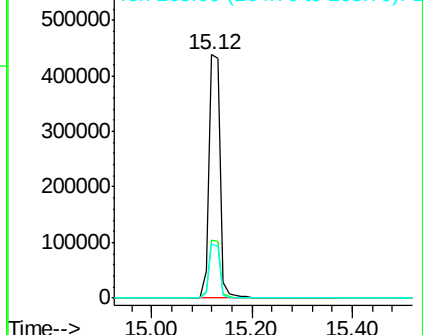
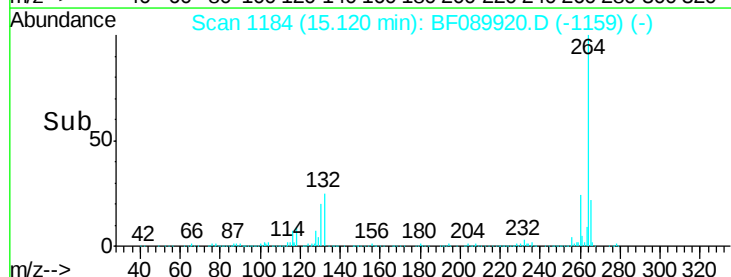


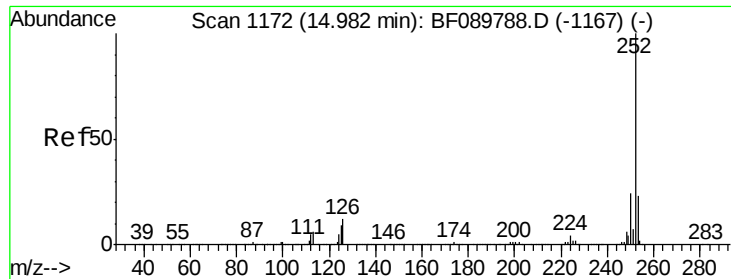
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.12 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF089920.D
Acq: 26 Aug 2016 21:04

Tgt Ion:264 Resp: 668467
Ion Ratio Lower Upper
264 100
260 23.9 20.2 30.2
265 22.2 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

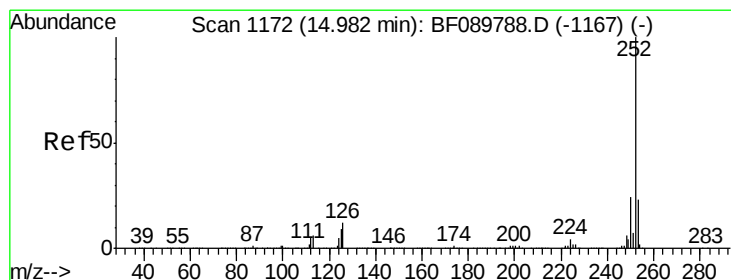
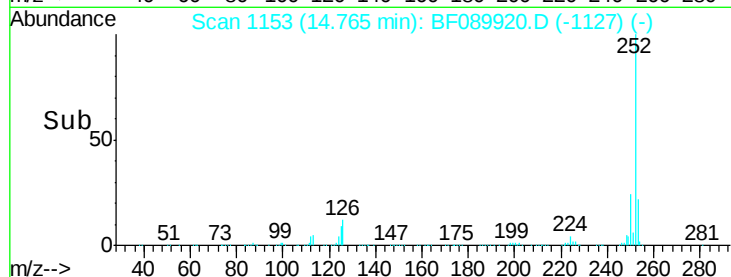
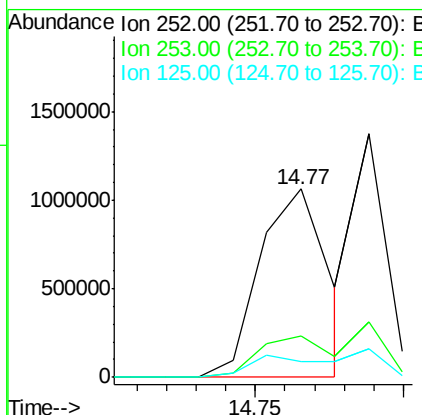
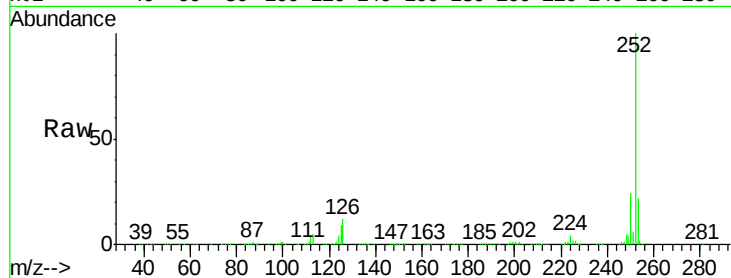




#87
Benzo(b)fluoranthene
Concen: 46.36 ng m
RT: 14.77 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BF089920.D
Acq: 26 Aug 2016 21:04

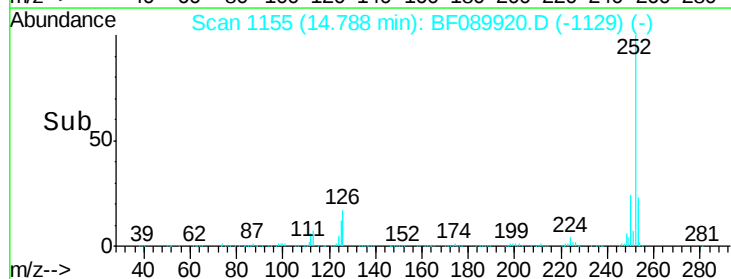
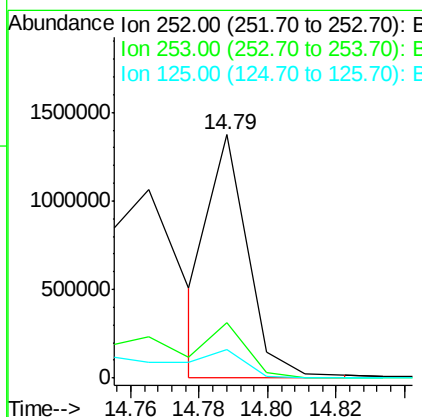
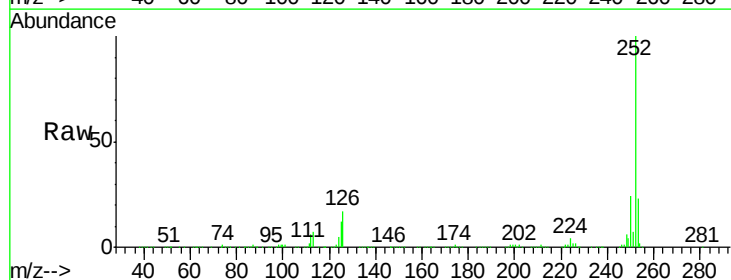
Instrument :
BNA_F
ClientSampleId :
PB93109BSD

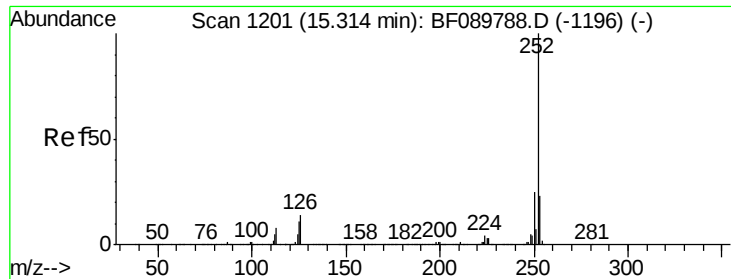
Tot Ion:252 Resp: 1704836
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 8.7 11.4 17.2#



#88
Benzo(k)fluoranthene
Concen: 32.19 ng m
RT: 14.79 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BF089920.D
Acq: 26 Aug 2016 21:04

Tgt Ion:252 Resp: 1073891
Ion Ratio Lower Upper
252 100
253 22.8 18.4 27.6
125 11.9 9.8 14.6





#89

Benzo(a)pyrene

Concen: 36.73 ng

RT: 15.07 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

Instrument :

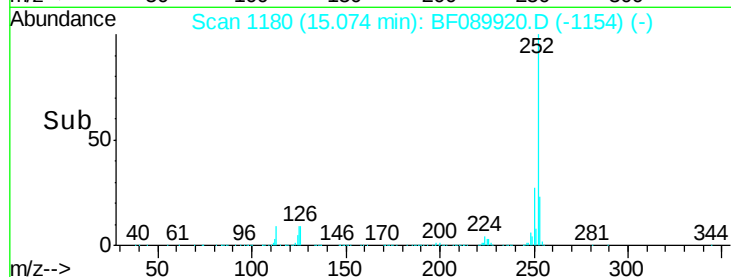
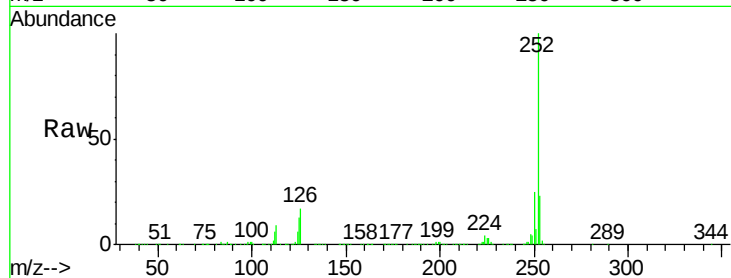
BNA_F

ClientSampleId :

PB93109BSD

Tot Ion:252 Resp: 1278451

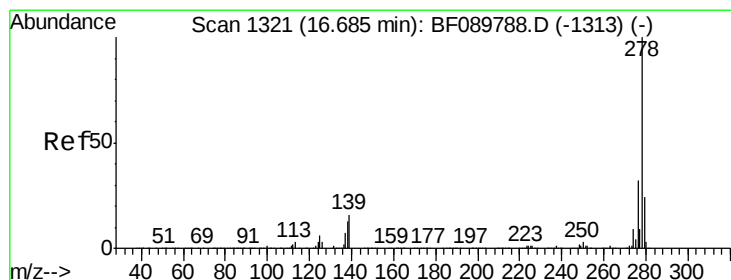
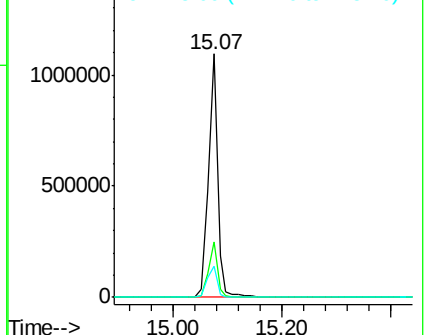
Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	12.7	11.7	17.5



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



#90

Dibenzo(a,h)anthracene

Concen: 30.40 ng

RT: 16.39 min Scan# 1295

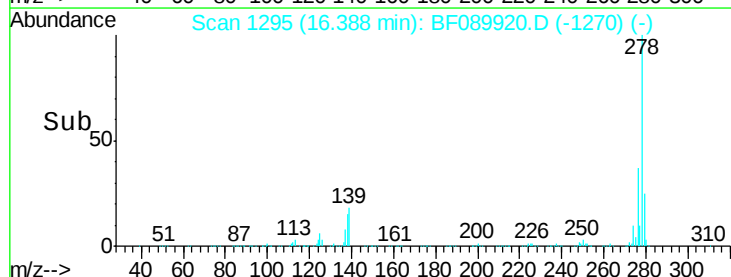
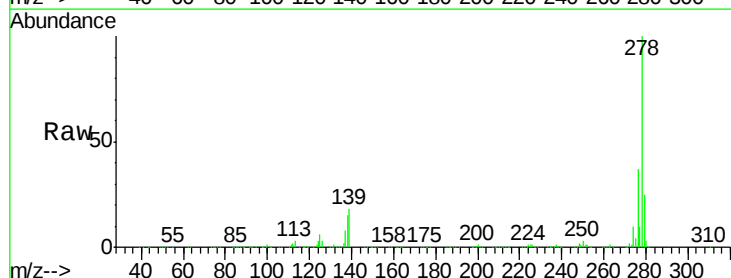
Delta R.T. -0.01 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

Tgt Ion:278 Resp: 1148344

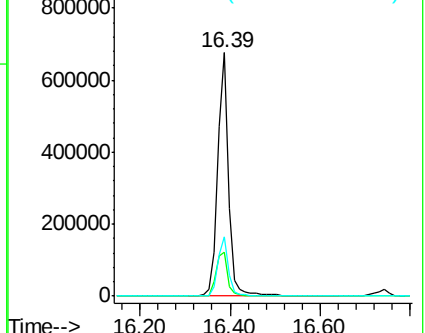
Ion	Ratio	Lower	Upper
278	100		
139	17.8	14.9	22.3
279	24.6	19.2	28.8

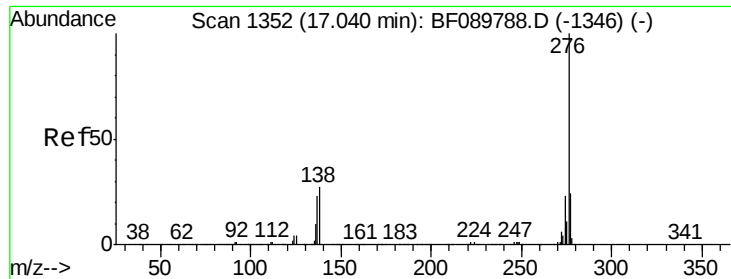


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 29.93 ng
 RT: 16.74 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF089920.D
 Acq: 26 Aug 2016 21:04

Instrument :
 BNA_F
 ClientSampleId :
 PB93109BSD

Tot Ion: 276 Resp: 1190758

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.2	28.8
138	25.0	22.1	33.1

