

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
 Data File : BF092509.D
 Acq On : 26 Jan 2017 7:34
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 26 13:25:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	156771	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	605671	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	354682	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	569704	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	410308	20.00	ng	-0.01
86) Perylene-d12	15.63	264	340103	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.55	112	739027	73.34	ng	0.00
7) Phenol-d6	6.59	99	990271	77.15	ng	0.00
23) Nitrobenzene-d5	7.54	82	911923	82.25	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	203120	84.04	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1357784	70.79	ng	-0.01
78) Terphenyl-d14	13.11	244	1371799	89.03	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.60	88	202704	37.83	ng	# 84
3) Pyridine	3.36	79	589618	38.65	ng	# 85
4) n-Nitrosodimethylamine	3.31	42	270508	36.14	ng	# 82
6) Aniline	6.62	93	715714	37.38	ng	# 47
8) 2-Chlorophenol	6.75	128	436201	41.21	ng	# 98
9) Benzaldehyde	6.51	77	326856	35.89	ng	# 91
10) Phenol	6.60	94	618519	39.93	ng	# 71
11) bis(2-Chloroethyl)ether	6.70	93	461018	39.77	ng	# 99
12) 1,3-Dichlorobenzene	6.91	146	507114	40.51	ng	# 97
13) 1,4-Dichlorobenzene	6.91	146	507114	40.25	ng	# 95
14) 1,2-Dichlorobenzene	7.14	146	441345	36.93	ng	# 99
15) Benzyl Alcohol	7.10	79	340965	35.25	ng	# 99
16) 2,2'-oxybis(1-Chloropropan	7.25	45	863717	37.67	ng	# 93
17) 2-Methylphenol	7.22	107	349824	38.68	ng	# 96
18) Hexachloroethane	7.48	117	163061	37.57	ng	# 86
19) n-Nitroso-di-n-propylamine	7.39	70	343456	39.30	ng	# 98
20) 3+4-Methylphenols	7.38	107	442553	40.34	ng	# 77
22) Acetophenone	7.38	105	540441	37.46	ng	# 90
24) Nitrobenzene	7.55	77	434855	37.44	ng	# 98
25) Isophorone	7.80	82	859434	39.33	ng	# 99
26) 2-Nitrophenol	7.87	139	209319	43.01	ng	# 93
27) 2,4-Dimethylphenol	7.90	122	377261	37.27	ng	# 99
28) bis(2-Chloroethoxy)methane	8.01	93	523925	36.53	ng	# 99
29) 2,4-Dichlorophenol	8.11	162	345367	39.35	ng	# 89
30) 1,2,4-Trichlorobenzene	8.20	180	383533	40.43	ng	# 95
31) Naphthalene	8.28	128	1169441	37.72	ng	# 99
32) Benzoic acid	8.02	122	148975	22.46	ng	# 88
33) 4-Chloroaniline	8.33	127	484623	36.95	ng	# 94
34) Hexachlorobutadiene	8.41	225	217040	41.83	ng	# 98
35) Caprolactam	8.72	113	126060	43.01	ng	# 64
36) 4-Chloro-3-methylphenol	8.81	107	368758	38.96	ng	# 94
37) 2-Methylnaphthalene	8.98	142	772283	39.35	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	364198	40.71	ng	# 99
40) Hexachlorocyclopentadiene	9.14	237	148051	33.04	ng	# 97

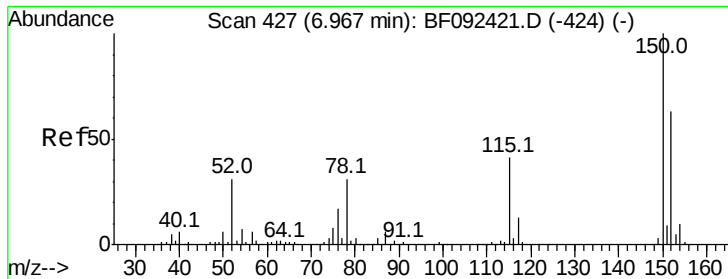
Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
 Data File : BF092509.D
 Acq On : 26 Jan 2017 7:34
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 26 13:25:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	249123	36.34	nq	92
43) 2,4,5-Trichlorophenol	9.30	196	259813	41.42	nq	# 82
45) 1,1'-Biphenyl	9.45	154	931617	36.34	nq	97
46) 2-Chloronaphthalene	9.47	162	735049	35.10	nq	95
47) 2-Nitroaniline	9.56	65	248480	35.24	nq	94
48) Acenaphthylene	9.89	152	1248457	40.65	nq	98
49) Dimethylphthalate	9.74	163	845166	37.47	nq	97
50) 2,6-Dinitrotoluene	9.81	165	214407	46.51	nq	# 83
51) Acenaphthene	10.06	154	760199	39.83	nq	96
52) 3-Nitroaniline	9.97	138	234842	40.67	nq	97
53) 2,4-Dinitrophenol	10.08	184	58207	31.67	nq	# 55
54) Dibenzofuran	10.24	168	1047120	40.41	nq	92
55) 4-Nitrophenol	10.12	139	167252	36.48	nq	88
56) 2,4-Dinitrotoluene	10.21	165	282808	46.22	nq	# 76
57) Fluorene	10.58	166	817926	42.56	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.35	232	193444	41.17	nq	97
59) Diethylphthalate	10.45	149	875986	40.50	nq	96
60) 4-Chlorophenyl-phenylether	10.57	204	338396	36.31	nq	92
61) 4-Nitroaniline	10.59	138	215583	37.33	nq	93
62) Azobenzene	10.73	77	807640	32.82	nq	96
64) 4,6-Dinitro-2-methylphenol	10.61	198	96085	33.02	nq	# 20
65) n-Nitrosodiphenylamine	10.69	169	721845	40.57	nq	99
66) 4-Bromophenyl-phenylether	11.06	248	218624	38.01	nq	99
67) Hexachlorobenzene	11.13	284	240601	41.38	nq	94
68) Atrazine	11.22	200	268235	44.05	nq	96
69) Pentachlorophenol	11.31	266	130484	35.10	nq	95
70) Phenanthrene	11.54	178	1161465	37.02	nq	99
71) Anthracene	11.58	178	1209415	39.45	nq	99
72) Carbazole	11.74	167	1107891	37.84	nq	99
73) Di-n-butylphthalate	12.08	149	1282493	38.31	nq	98
74) Fluoranthene	12.73	202	1188748	38.74	nq	97
76) Benzidine	12.85	184	547025	35.91	nq	99
77) Pyrene	12.96	202	1171299	39.40	nq	99
79) Butylbenzylphthalate	13.57	149	519198	43.11	nq	99
80) Benzo(a)anthracene	14.15	228	829655	37.62	nq	99
81) 3,3'-Dichlorobenzidine	14.11	252	332917	39.76	nq	# 95
82) Chrysene	14.18	228	821478	34.88	nq	99
83) Bis(2-ethylhexyl)phthalate	14.13	149	680134	44.84	nq	99
84) Di-n-octyl phthalate	14.75	149	1234248	44.82	nq	98
85) Indeno(1,2,3-cd)pyrene	17.12	276	824552	47.32	nq	# 94
87) Benzo(b)fluoranthene	15.20	252	762807	34.94	nq	98
88) Benzo(k)fluoranthene	15.20	252	762807	42.02	nq	98
89) Benzo(a)pyrene	15.56	252	738205	39.97	nq	# 96
90) Dibenzo(a,h)anthracene	17.13	278	724758	48.52	nq	96
91) Benzo(g,h,i)perylene	17.56	276	726814	48.12	nq	# 93

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

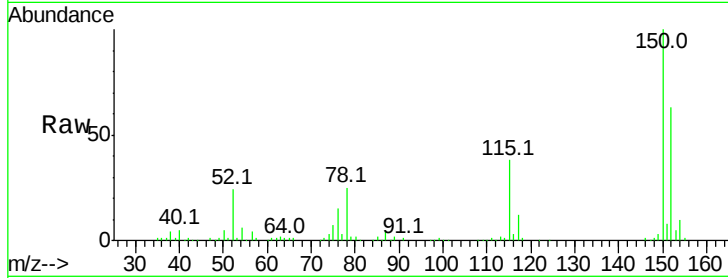


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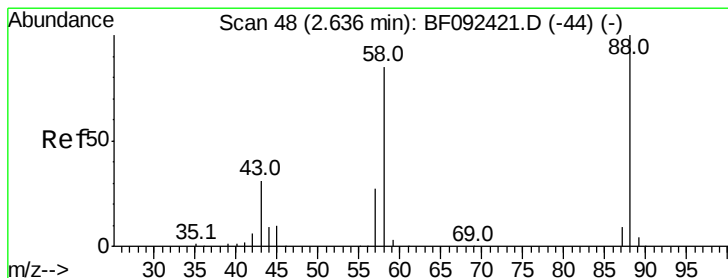
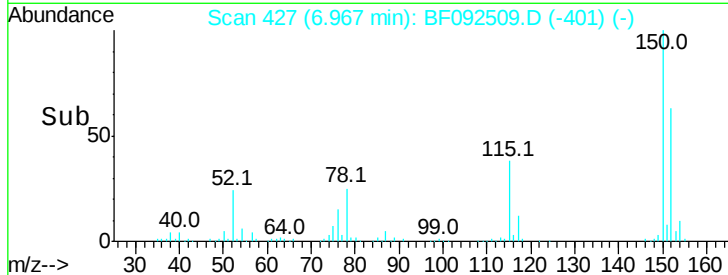
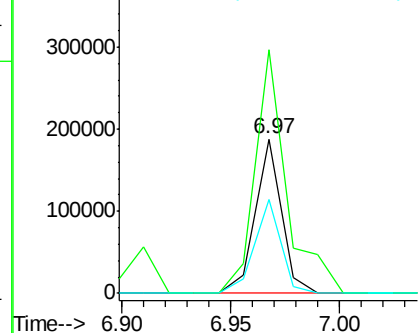
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF092509.D
Acq: 26 Jan 2017 7:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 156771
Ion Ratio Lower Upper
152 100
150 158.1 124.9 187.3
115 60.6 46.0 69.0



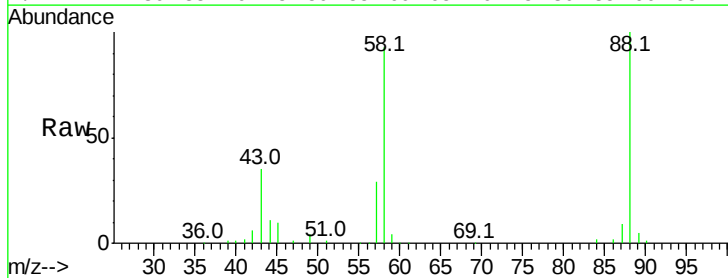
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



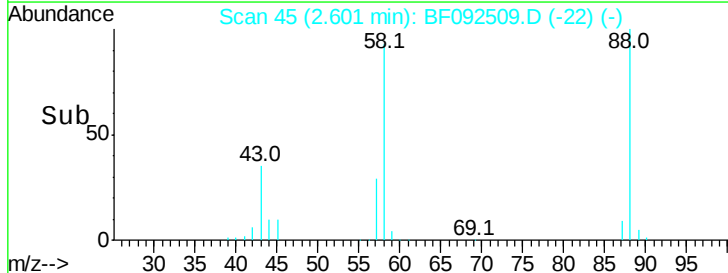
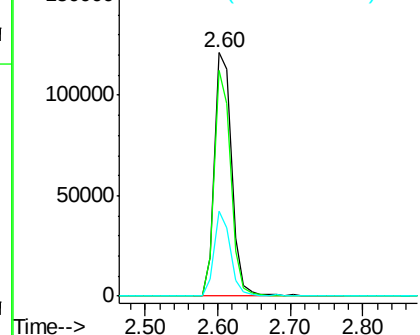
#2

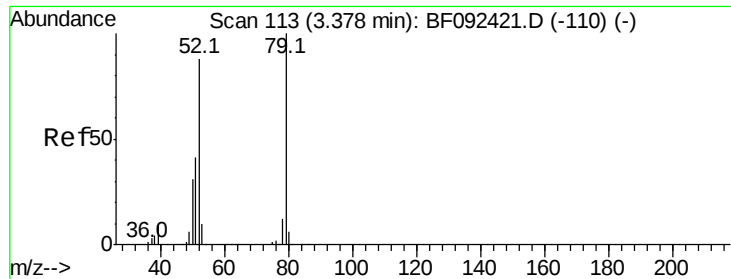
1,4-Dioxane
Concen: 37.83 ng
RT: 2.60 min Scan# 45
Delta R.T. -0.03 min
Lab File: BF092509.D
Acq: 26 Jan 2017 7:34

Tgt Ion: 88 Resp: 202704
Ion Ratio Lower Upper
88 100
58 87.5 57.8 86.8#
43 32.8 22.3 33.5



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: 38.65 ng

RT: 3.36 min Scan# 111

Delta R.T. -0.02 min

Lab File: BF092509.D

Acq: 26 Jan 2017 7:34

Instrument :

BNA_F

ClientSampleId :

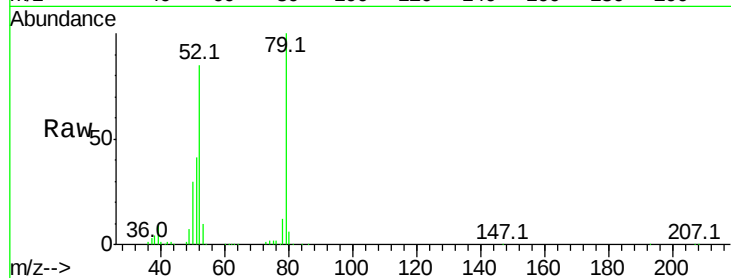
Tot Ion: 79 Resp: 589618

Ion Ratio Lower Upper

79 100

52 85.1 57.1 85.7

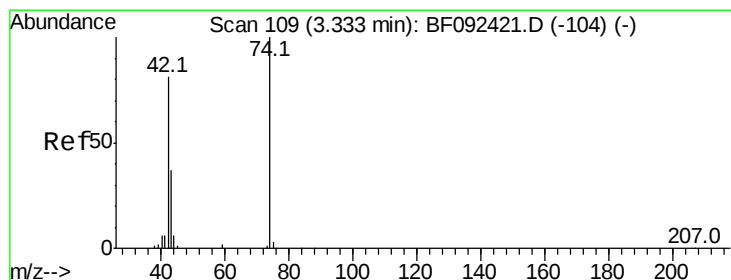
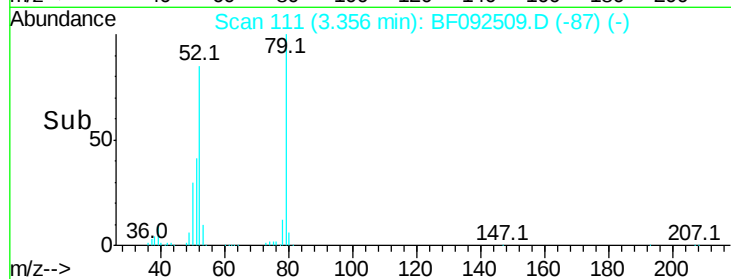
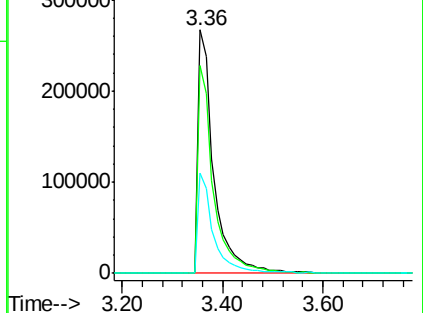
51 41.1 27.3 40.9#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 36.14 ng

RT: 3.31 min Scan# 107

Delta R.T. -0.02 min

Lab File: BF092509.D

Acq: 26 Jan 2017 7:34

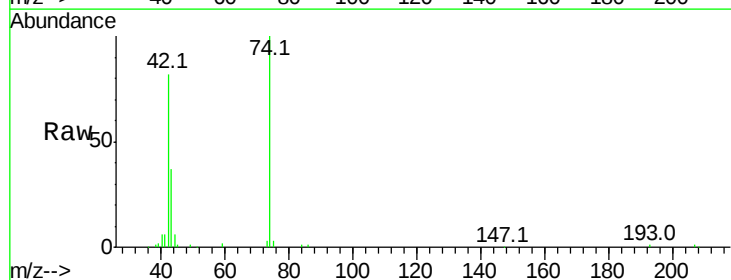
Tgt Ion: 42 Resp: 270508

Ion Ratio Lower Upper

42 100

74 122.5 117.0 175.4

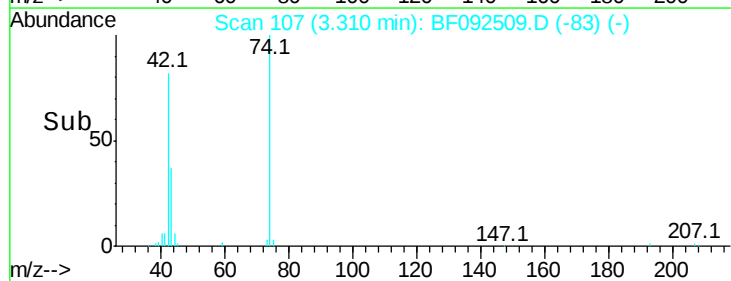
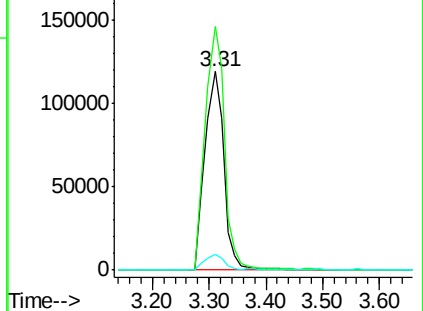
44 7.7 5.5 8.3

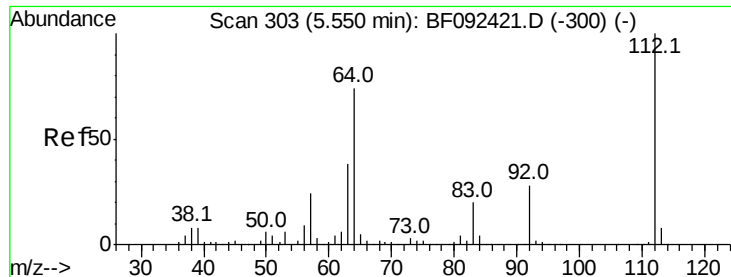


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 73.34 ng

RT: 5.55 min Scan# 303

Delta R.T. -0.00 min

Lab File: BF092509.D

Acq: 26 Jan 2017 7:34

Instrument :

BNA_F

ClientSampleId :

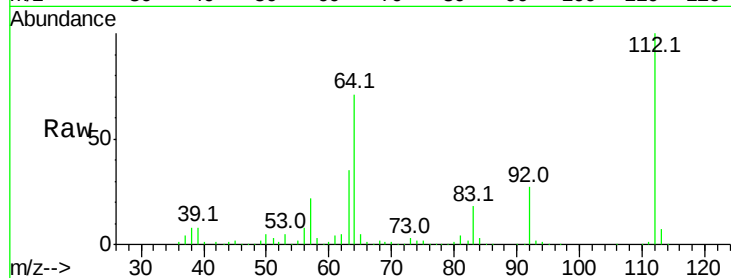
Tot Ion:112 Resp: 739027

Ion Ratio Lower Upper

112 100

64 70.9 46.1 69.1#

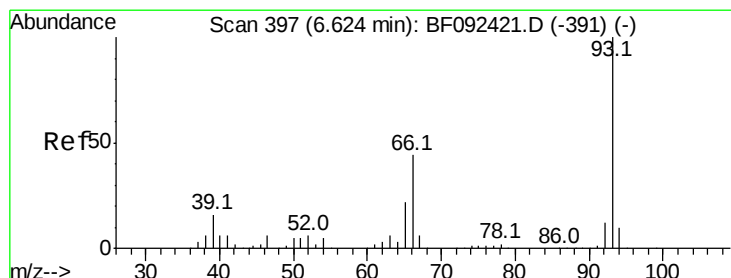
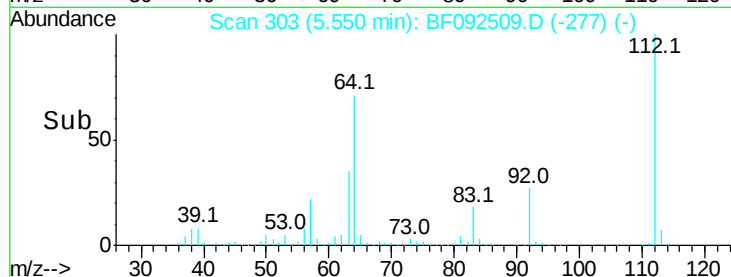
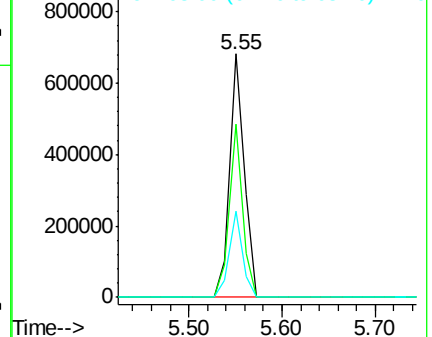
63 35.2 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 37.38 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF092509.D

Acq: 26 Jan 2017 7:34

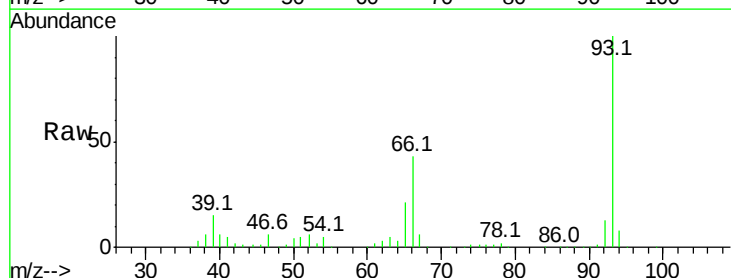
Tgt Ion: 93 Resp: 715714

Ion Ratio Lower Upper

93 100

66 43.3 76.2 114.2#

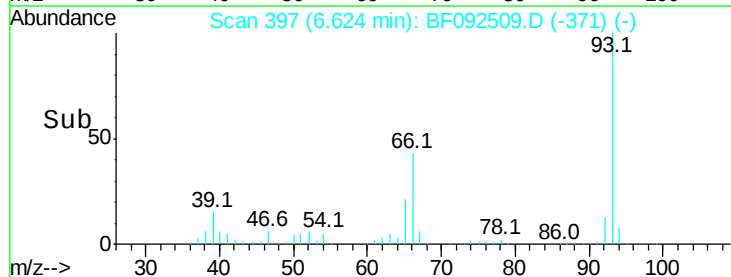
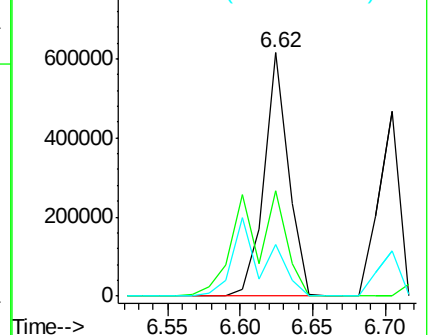
65 21.1 49.3 73.9#

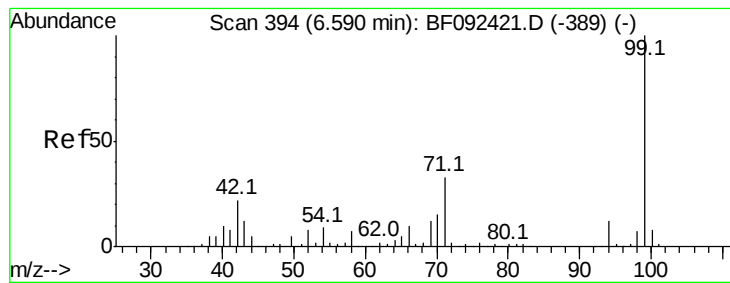


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 77.15 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF092509.D

Acq: 26 Jan 2017 7:34

Instrument :

BNA_F

ClientSampled :

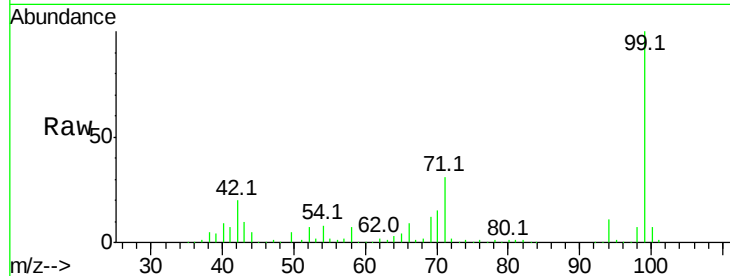
Tot Ion: 99 Resp: 990271

Ion Ratio Lower Upper

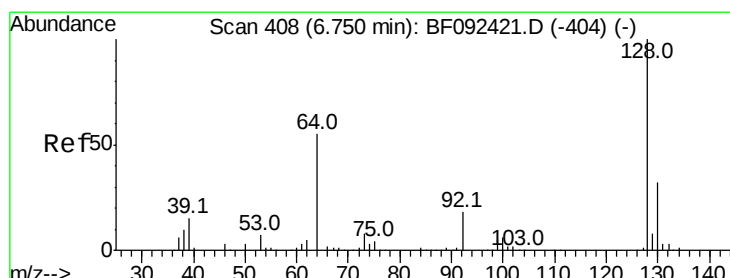
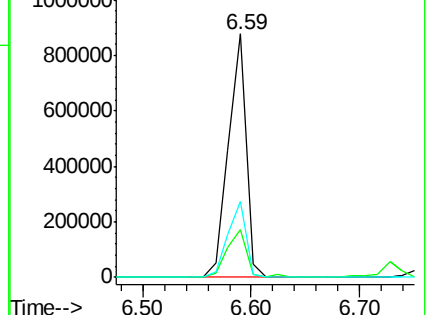
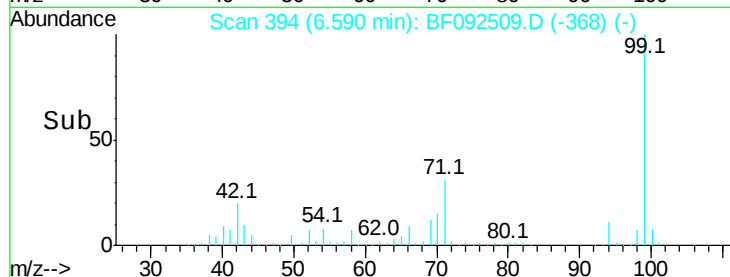
99 100

42 19.9 15.6 23.4

71 31.2 27.5 41.3



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: 41.21 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF092509.D

Acq: 26 Jan 2017 7:34

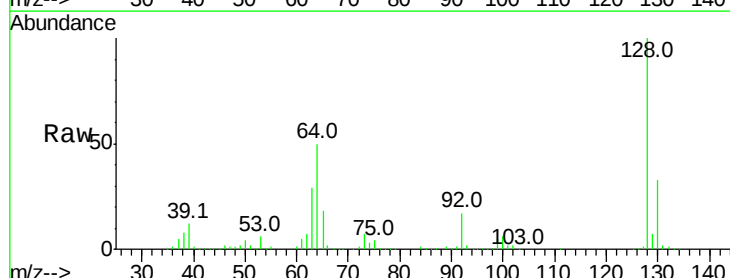
Tgt Ion: 128 Resp: 436201

Ion Ratio Lower Upper

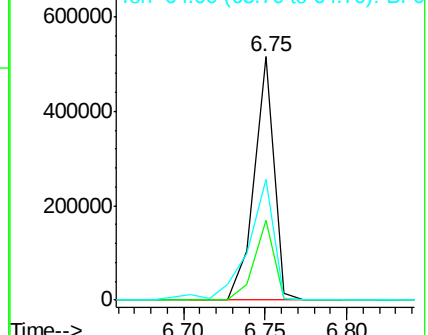
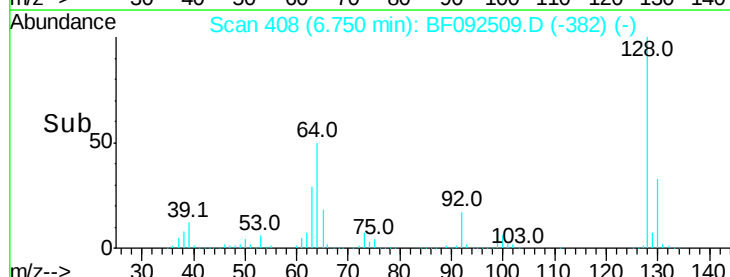
128 100

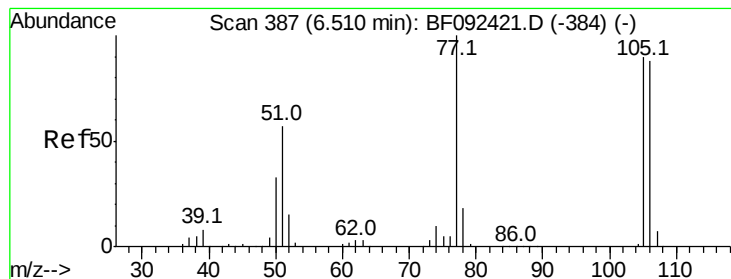
130 32.5 12.3 52.3

64 49.6 32.2 72.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 35.89 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF092509.D

Acq: 26 Jan 2017 7:34

Instrument :

BNA_F

ClientSampled :

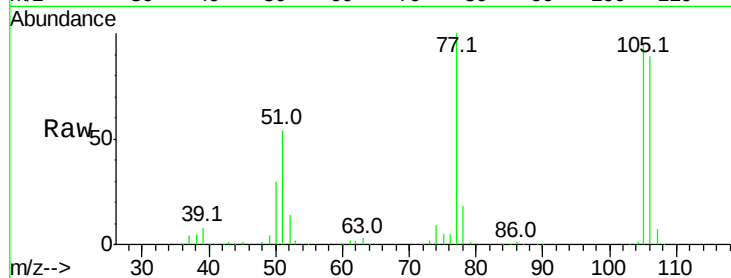
Tot Ion: 77 Resp: 326856

Ion Ratio Lower Upper

77 100

105 94.8 83.9 123.9

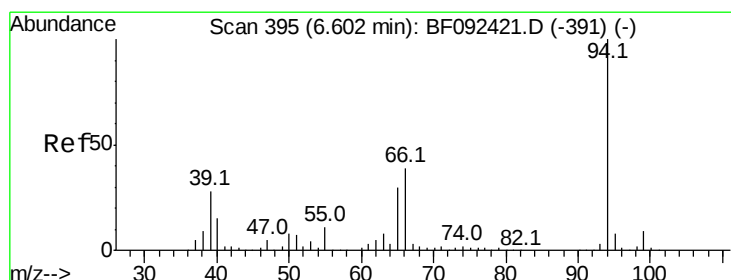
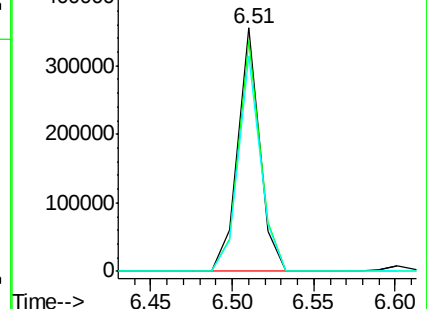
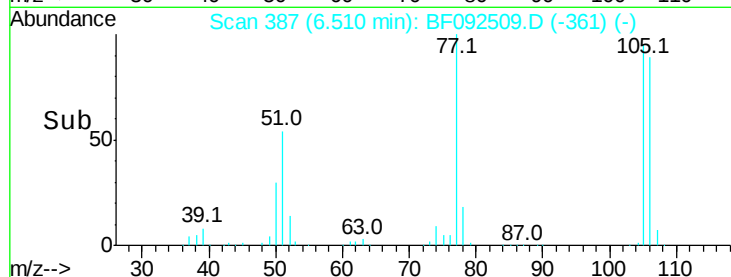
106 88.6 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 39.93 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF092509.D

Acq: 26 Jan 2017 7:34

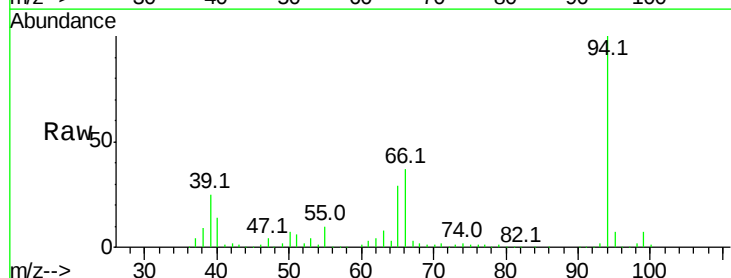
Tgt Ion: 94 Resp: 618519

Ion Ratio Lower Upper

94 100

65 28.7 21.4 61.4

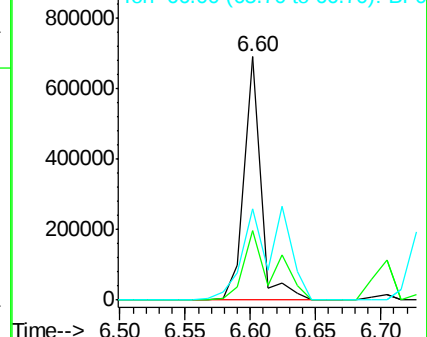
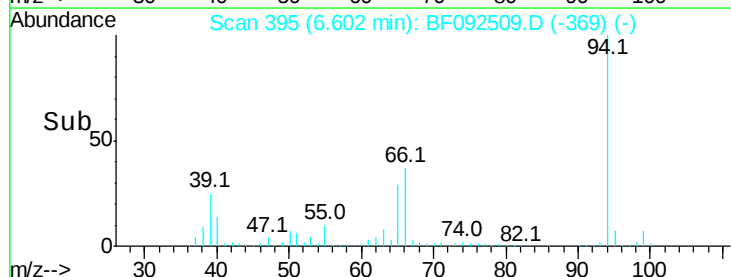
66 37.2 44.0 84.0#

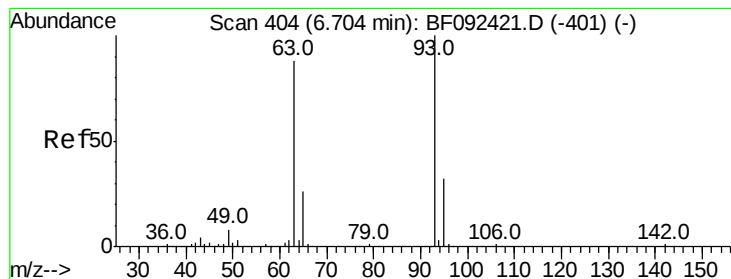


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.77 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF092509.D

Acq: 26 Jan 2017 7:34

Instrument :

BNA_F

ClientSampleId :

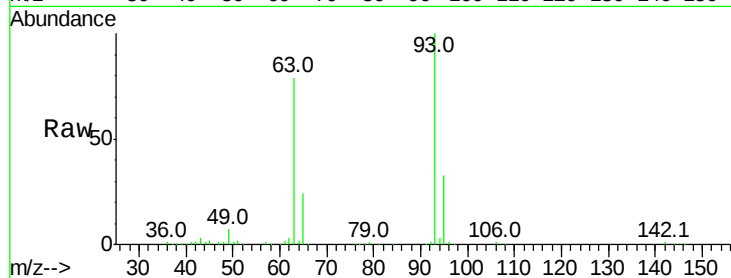
Tot Ion: 93 Resp: 461018

Ion Ratio Lower Upper

93 100

63 79.2 60.4 100.4

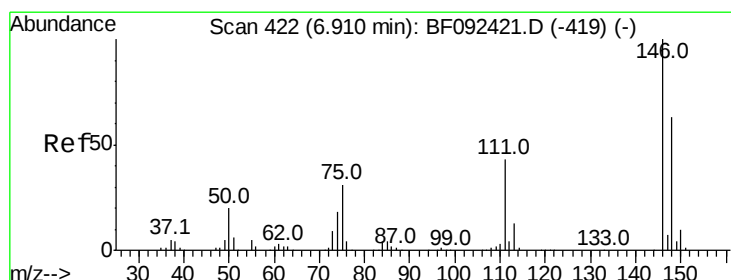
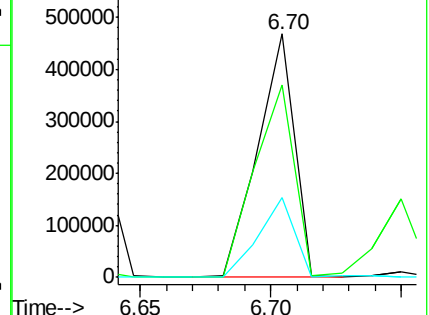
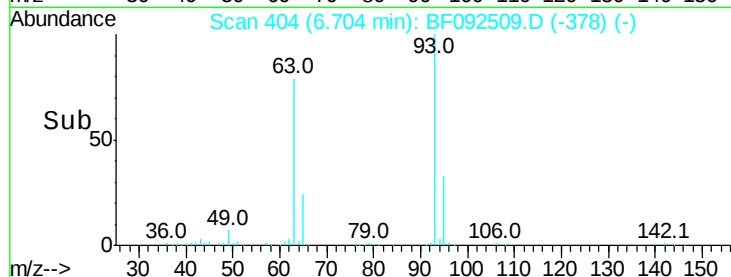
95 33.0 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 40.51 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.00 min

Lab File: BF092509.D

Acq: 26 Jan 2017 7:34

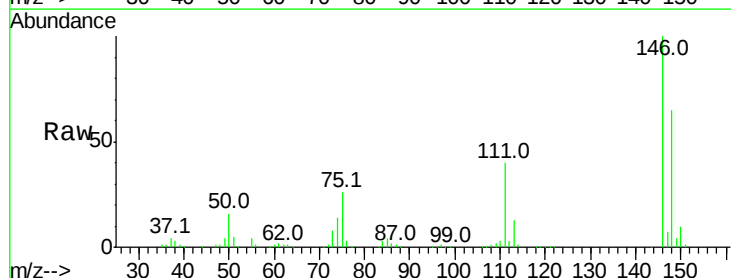
Tgt Ion: 146 Resp: 507114

Ion Ratio Lower Upper

146 100

148 65.2 53.4 80.0

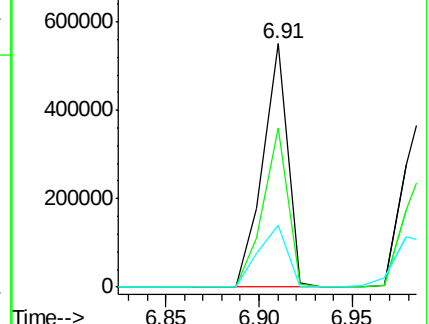
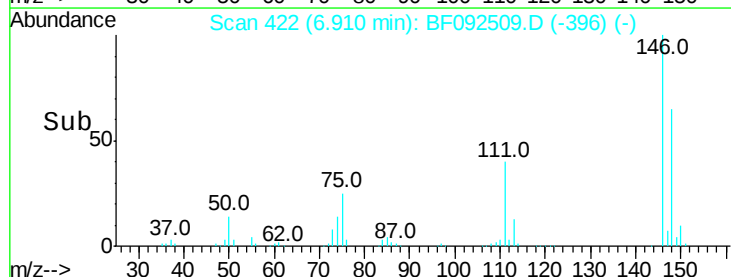
75 25.6 18.5 27.7

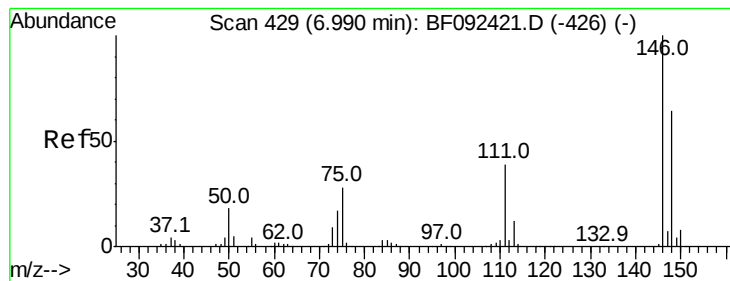


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 40.25 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.08 min

Lab File: BF092509.D

Acq: 26 Jan 2017 7:34

Instrument :

BNA_F

ClientSampleId :

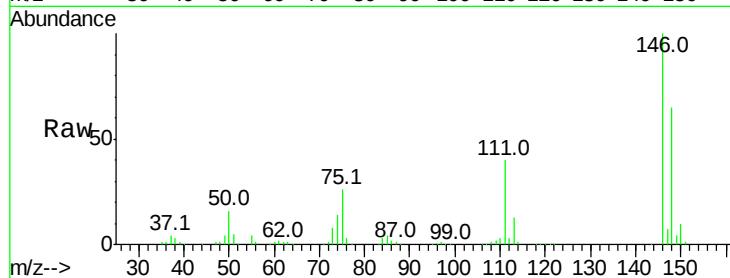
Tot Ion:146 Resp: 507114

Ion Ratio Lower Upper

146 100

148 65.2 50.6 76.0

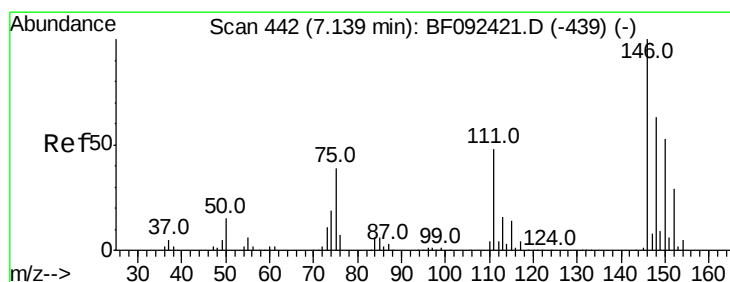
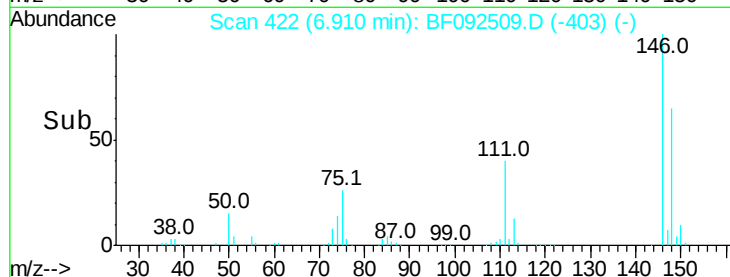
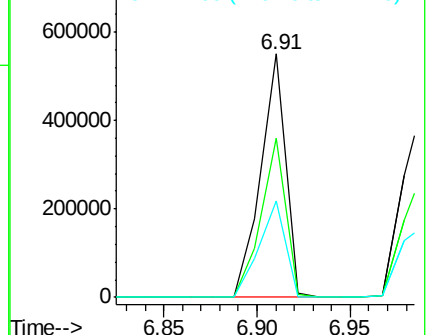
111 39.5 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.93 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF092509.D

Acq: 26 Jan 2017 7:34

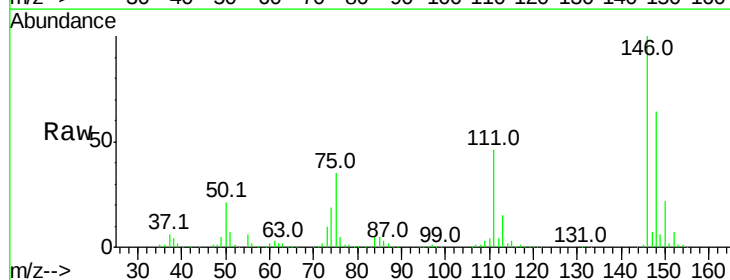
Tgt Ion:146 Resp: 441345

Ion Ratio Lower Upper

146 100

148 64.4 52.2 78.2

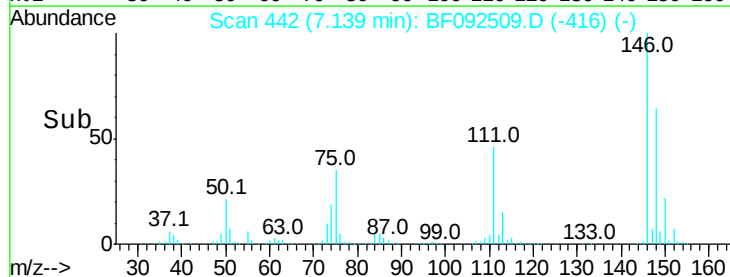
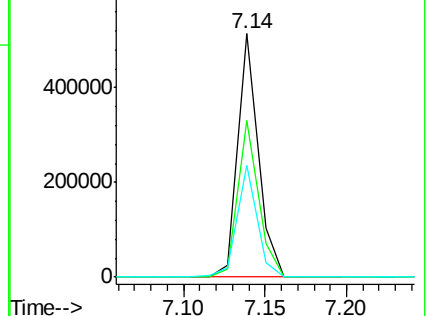
111 45.9 36.2 54.2

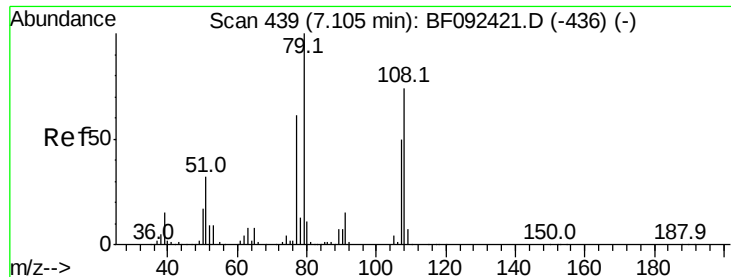


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.25 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.00 min

Lab File: BF092509.D

Acq: 26 Jan 2017 7:34

Instrument :

BNA_F

ClientSampled :

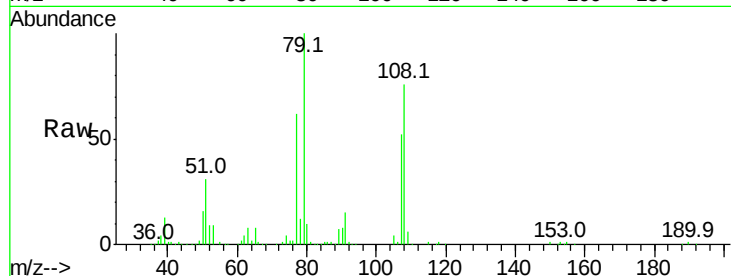
Tot Ion: 79 Resp: 340965

Ion Ratio Lower Upper

79 100

108 75.9 61.4 92.0

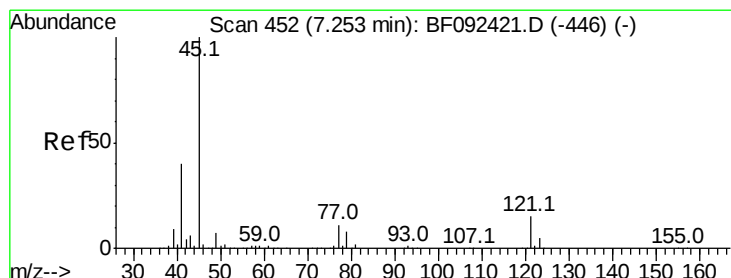
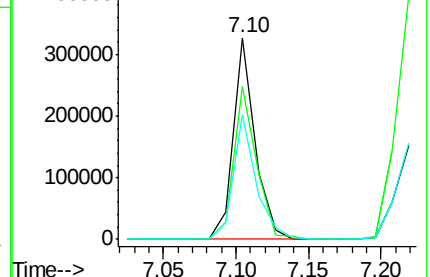
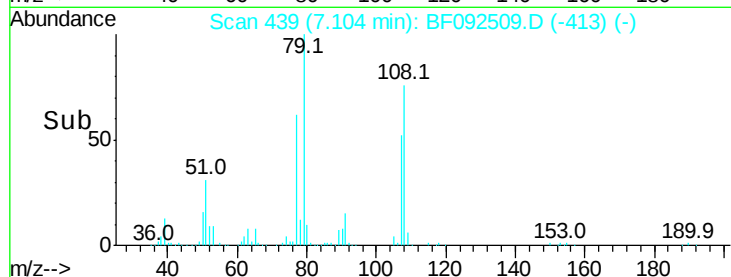
77 62.2 50.9 76.3



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: 37.67 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF092509.D

Acq: 26 Jan 2017 7:34

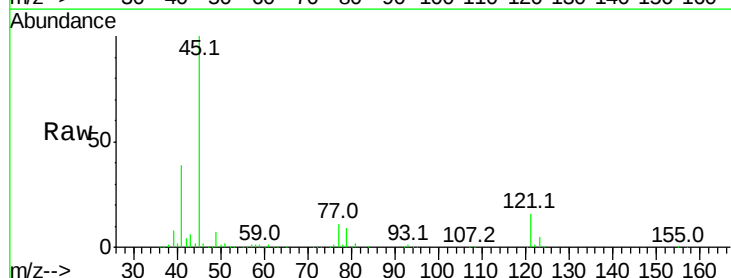
Tgt Ion: 45 Resp: 863717

Ion Ratio Lower Upper

45 100

77 11.1 0.0 34.6

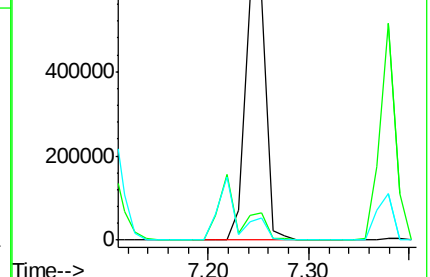
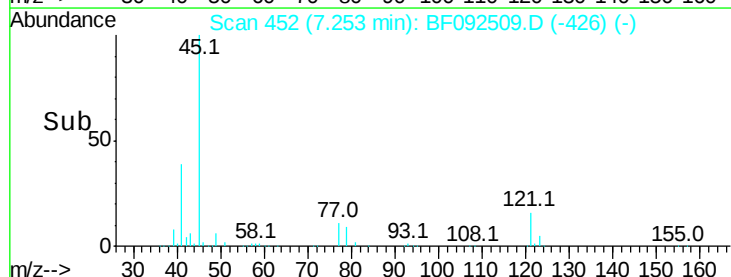
79 9.3 0.0 31.2

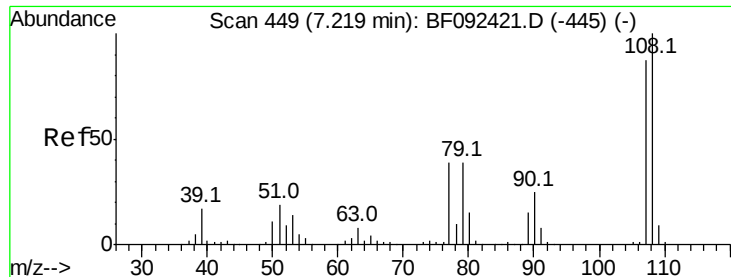


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

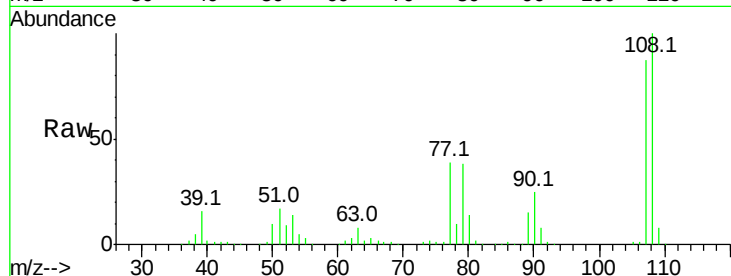




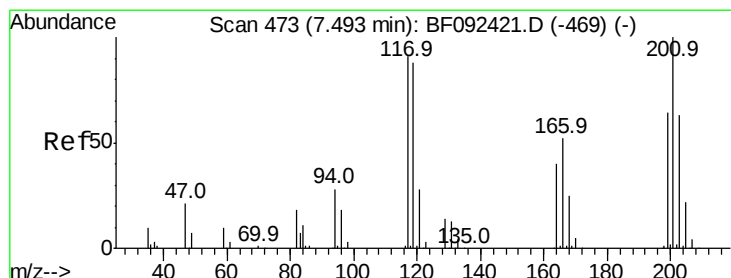
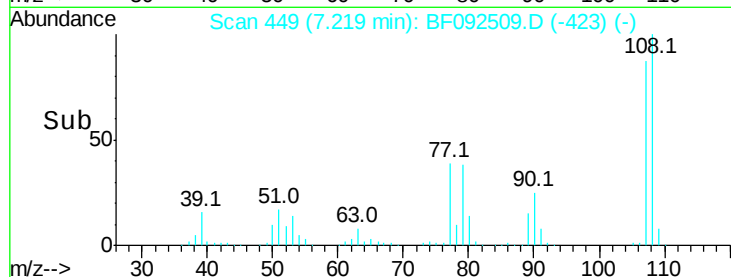
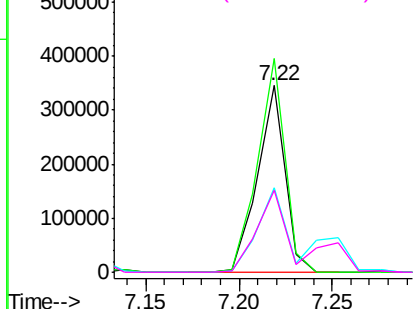
#17
2-Methylphenol
Concen: 38.68 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF092509.D
Acq: 26 Jan 2017 7:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 349824
Ion Ratio Lower Upper
107 100
108 114.5 93.0 139.6
77 45.2 39.8 59.8
79 43.8 38.0 57.0

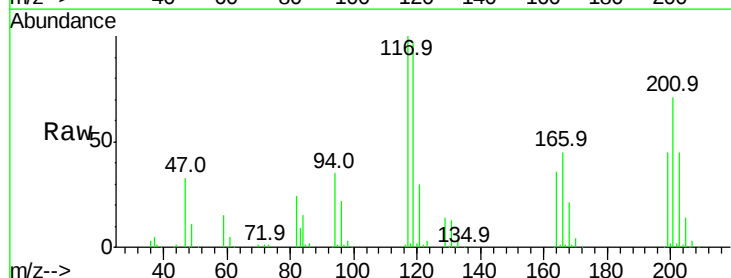


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

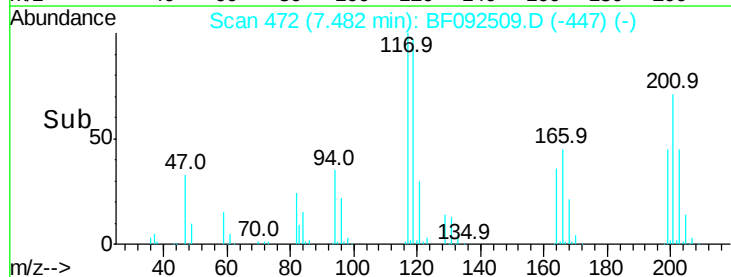
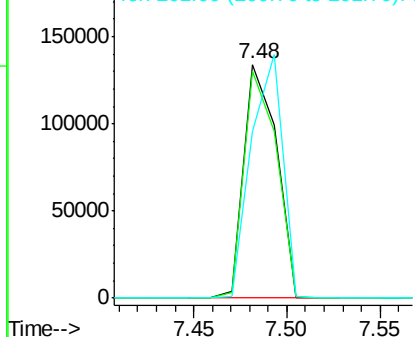


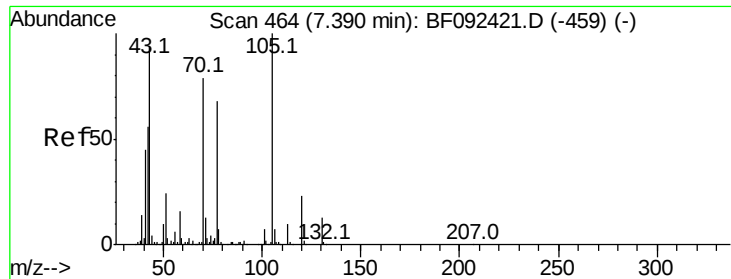
#18
Hexachloroethane
Concen: 37.57 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF092509.D
Acq: 26 Jan 2017 7:34

Tgt Ion:117 Resp: 163061
Ion Ratio Lower Upper
117 100
119 96.9 78.1 117.1
201 71.4 78.6 117.8#



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

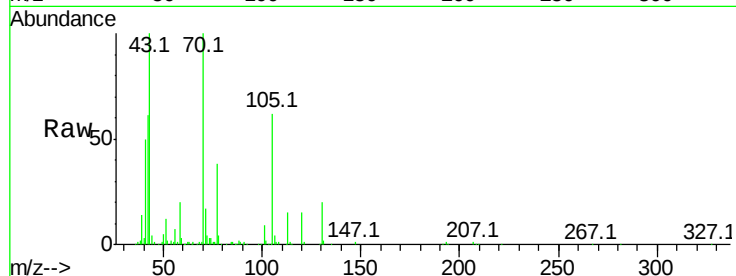




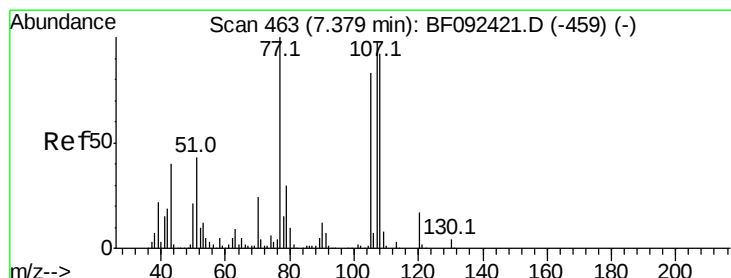
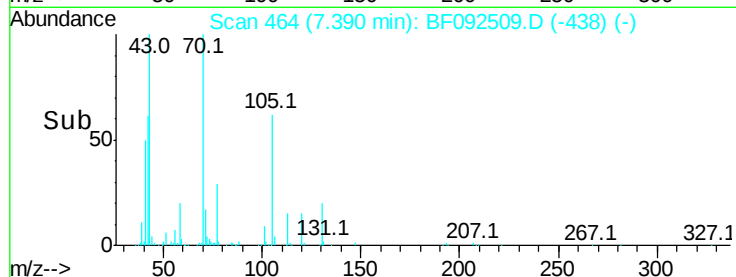
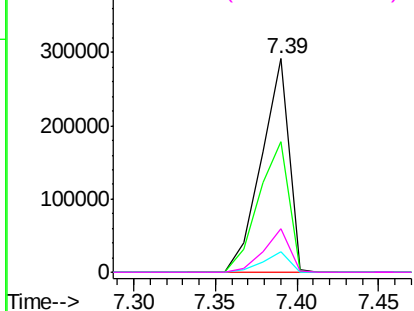
#19
n-Nitroso-di-n-propylamine
Concen: 39.30 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF092509.D
Acq: 26 Jan 2017 7:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 343456
Ion Ratio Lower Upper
70 100
42 61.1 49.4 74.0
101 9.4 7.4 11.2
130 20.4 14.2 21.4

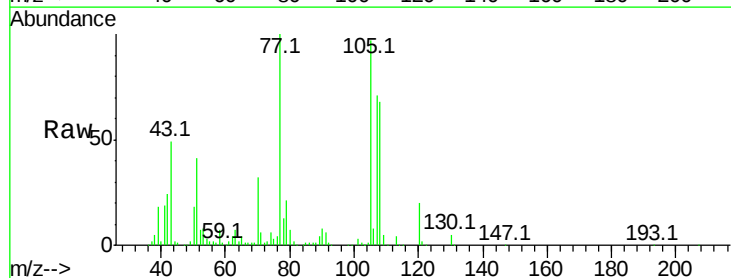


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

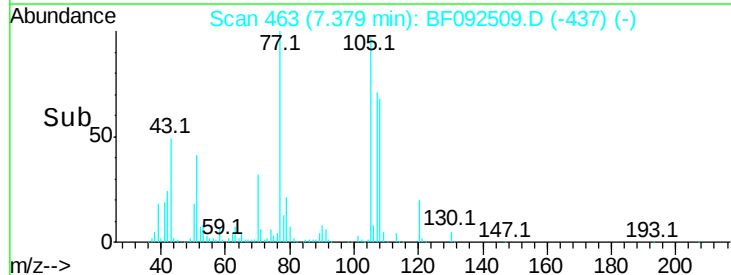
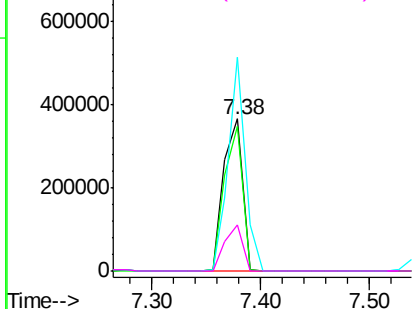


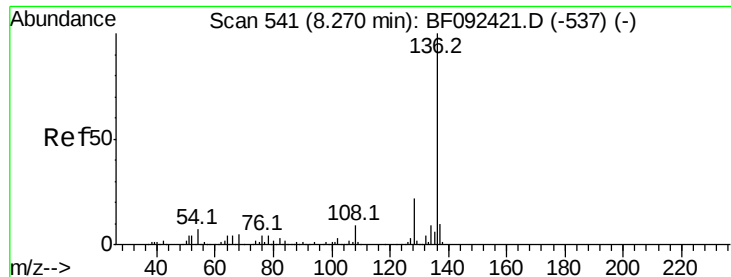
#20
3+4-Methylphenols
Concen: 40.34 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF092509.D
Acq: 26 Jan 2017 7:34

Tgt Ion:107 Resp: 442553
Ion Ratio Lower Upper
107 100
108 95.0 73.0 113.0
77 140.4 71.3 111.3#
79 30.1 11.1 51.1



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

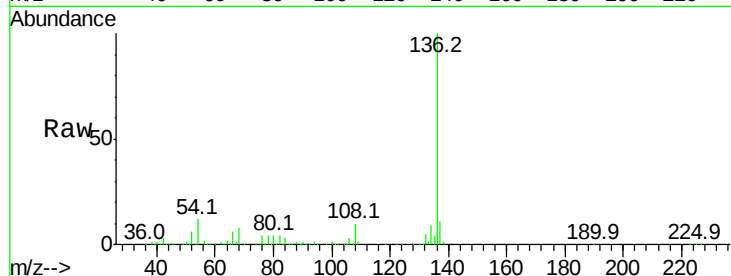




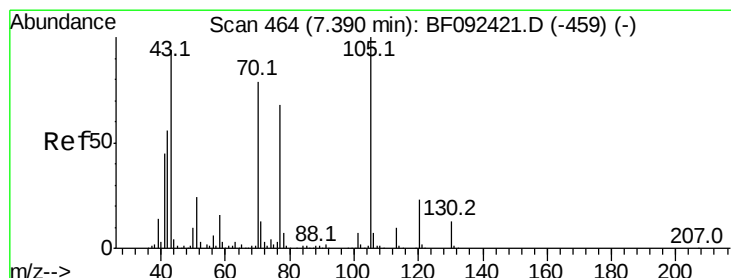
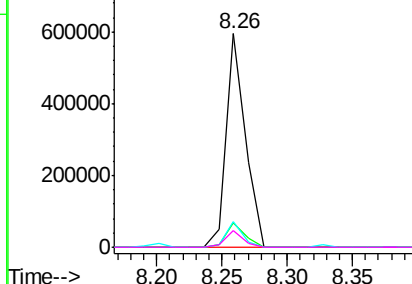
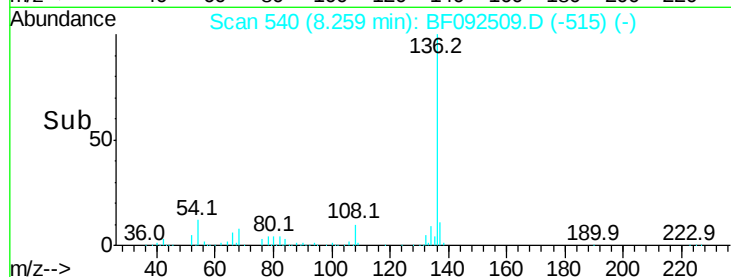
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092509.D
Acq: 26 Jan 2017 7:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 605671
Ion Ratio	Lower Upper
136 100	
137 11.5	8.4 12.6
54 11.9	4.5 6.7#
68 7.9	3.6 5.4#

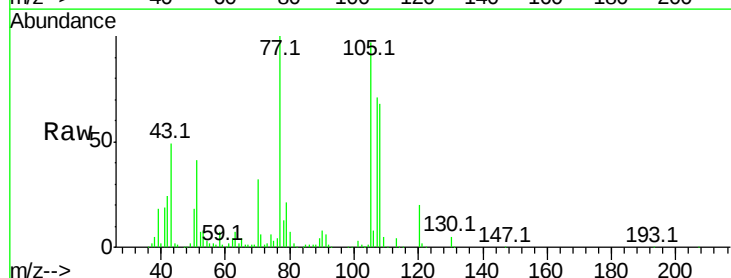


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

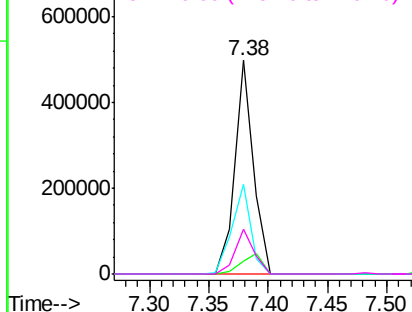
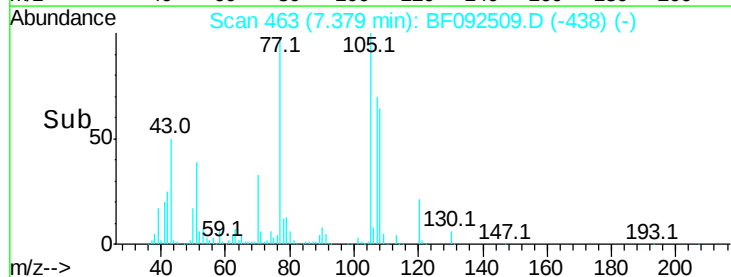


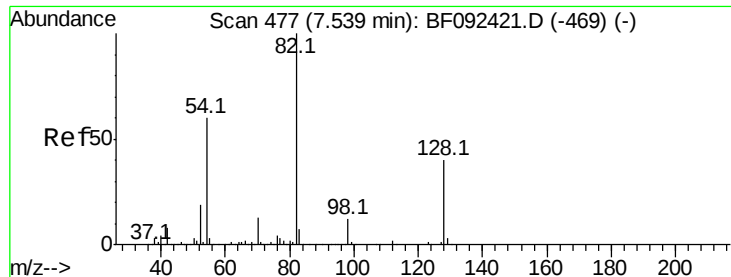
#22
Acetophenone
Concen: 37.46 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF092509.D
Acq: 26 Jan 2017 7:34

Tgt Ion:105	Resp: 540441
Ion Ratio	Lower Upper
105 100	
71 5.8	3.2 4.8#
51 42.0	26.2 39.4#
120 20.9	16.6 24.8



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

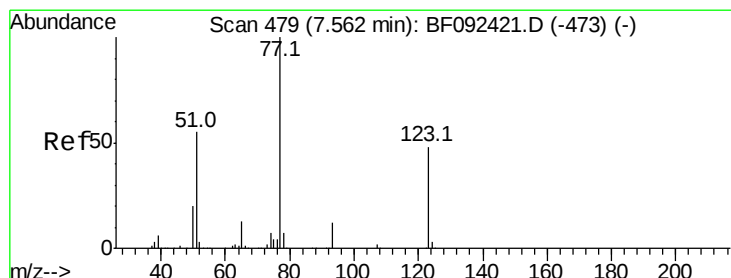
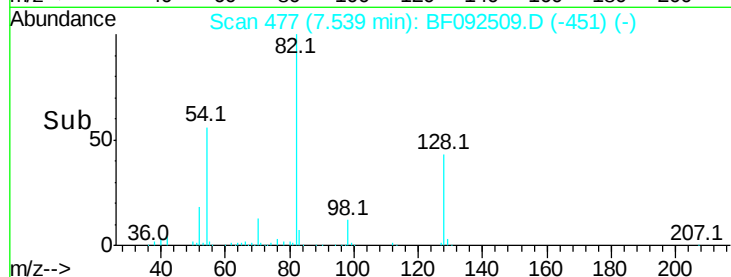
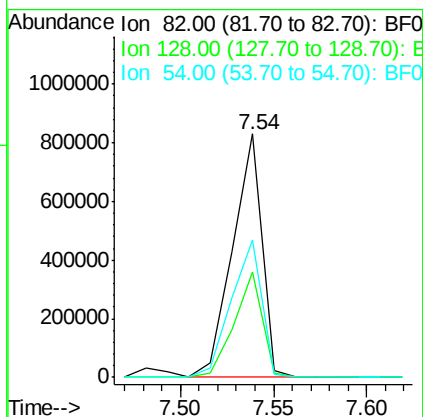
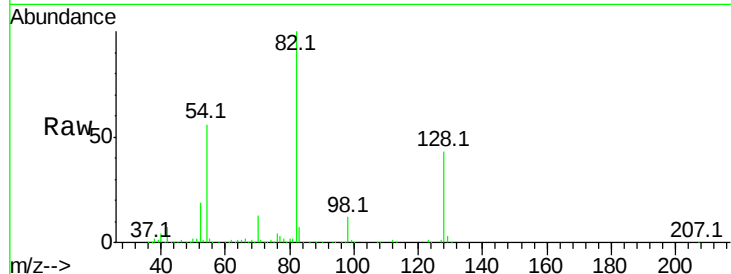




#23
 Nitrobenzene-d5
 Concen: 82.25 ng
 RT: 7.54 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF092509.D
 Acq: 26 Jan 2017 7:34

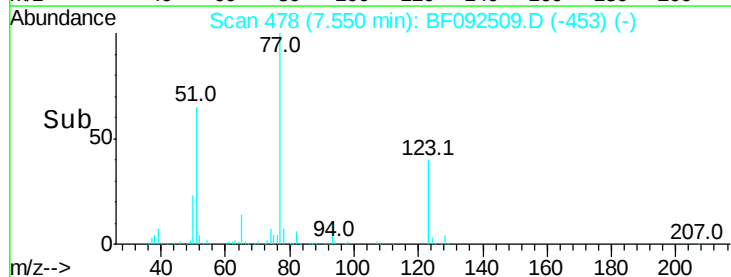
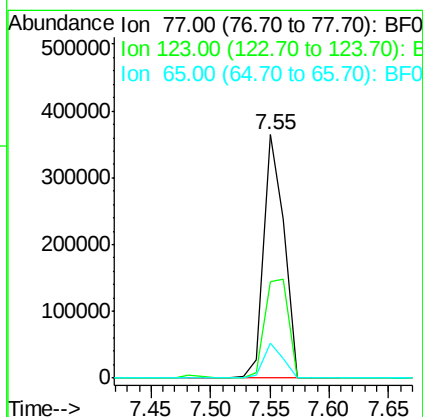
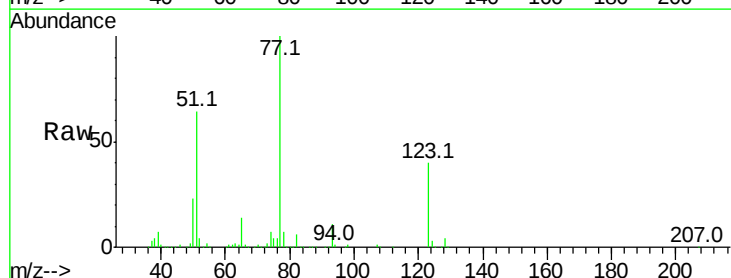
Instrument :
 BNA_F
 ClientSampleId :

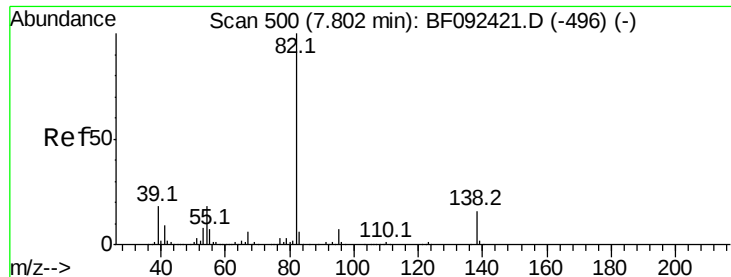
Tot Ion: 82 Resp: 911923
 Ion Ratio Lower Upper
 82 100
 128 43.4 34.6 52.0
 54 56.2 39.5 59.3



#24
 Nitrobenzene
 Concen: 37.44 ng
 RT: 7.55 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: BF092509.D
 Acq: 26 Jan 2017 7:34

Tgt Ion: 77 Resp: 434855
 Ion Ratio Lower Upper
 77 100
 123 39.7 33.0 49.4
 65 14.3 11.2 16.8





#25

Isophorone

Concen: 39.33 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF092509.D

Acq: 26 Jan 2017 7:34

Instrument :

BNA_F

ClientSampleId :

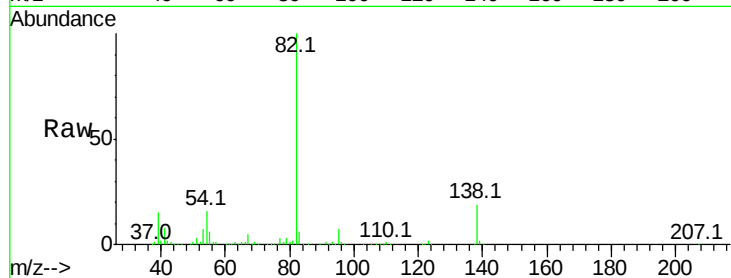
Tot Ion: 82 Resp: 859434

Ion Ratio Lower Upper

82 100

95 6.6 5.6 8.4

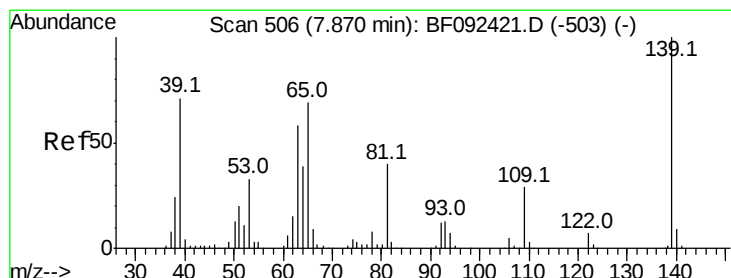
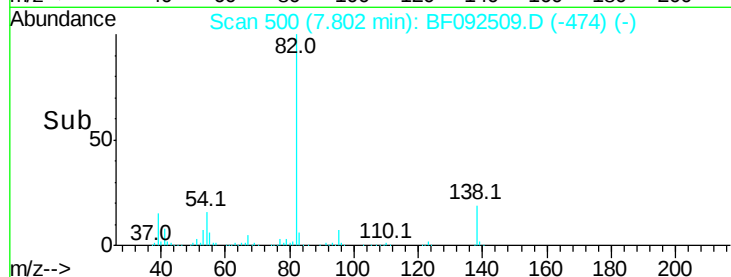
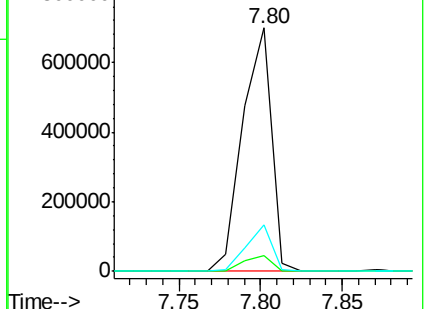
138 18.9 14.6 22.0



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: 43.01 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF092509.D

Acq: 26 Jan 2017 7:34

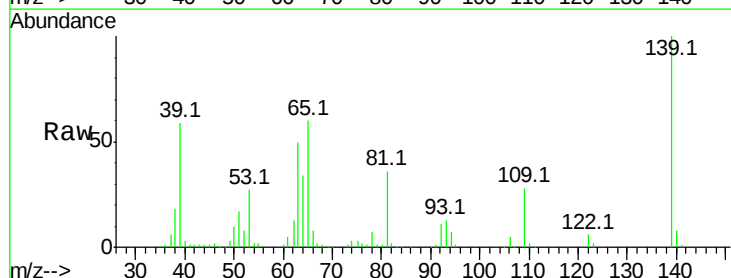
Tgt Ion: 139 Resp: 209319

Ion Ratio Lower Upper

139 100

109 27.6 23.3 34.9

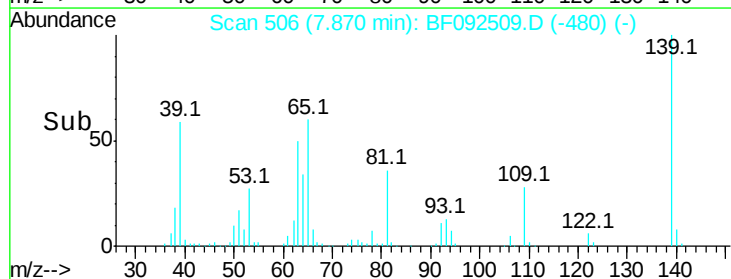
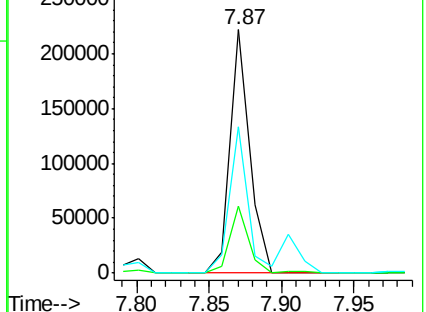
65 60.3 42.7 64.1

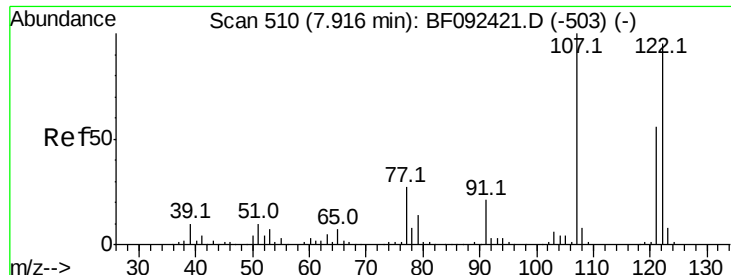


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

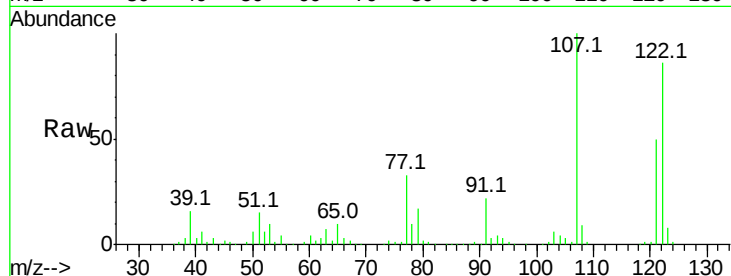




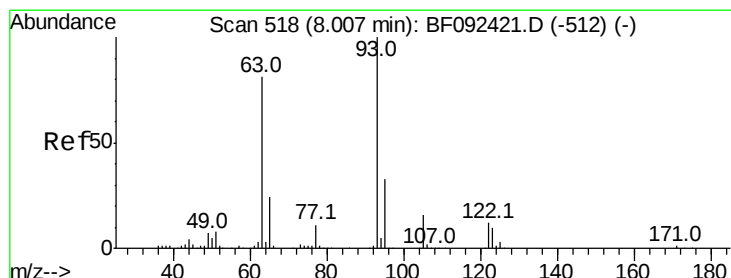
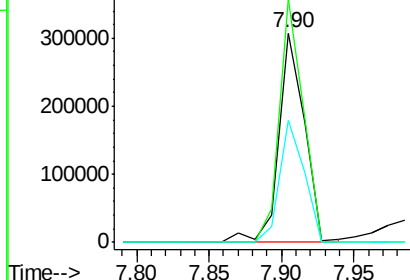
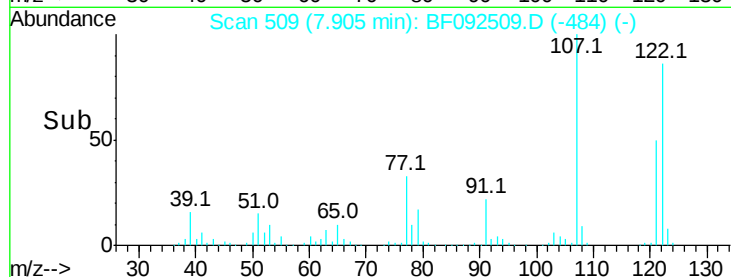
#27
2,4-Dimethylphenol
Concen: 37.27 ng
RT: 7.90 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF092509.D
Acq: 26 Jan 2017 7:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 377261
Ion Ratio Lower Upper
122 100
107 116.4 94.1 141.1
121 58.6 46.0 69.0

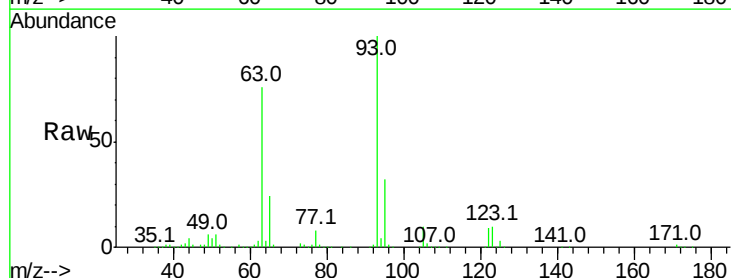


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

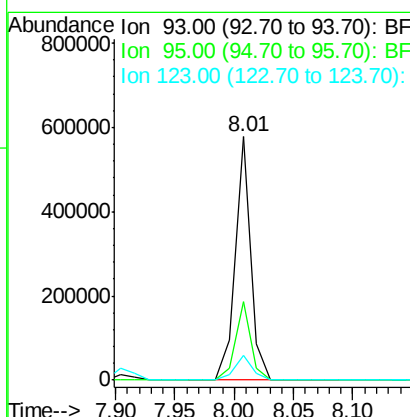
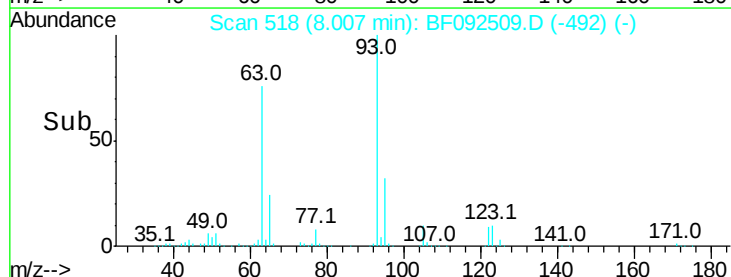


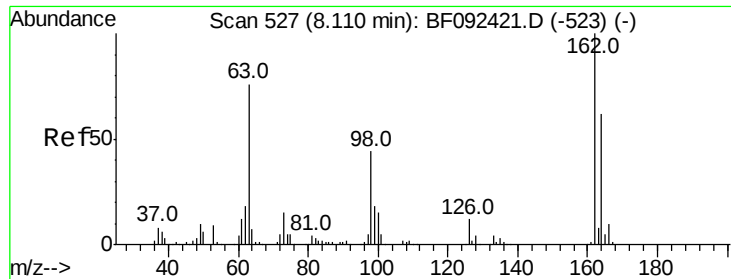
#28
bis(2-Chloroethoxy)methane
Concen: 36.53 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.00 min
Lab File: BF092509.D
Acq: 26 Jan 2017 7:34

Tgt Ion: 93 Resp: 523925
Ion Ratio Lower Upper
93 100
95 32.3 26.5 39.7
123 10.3 8.6 13.0



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E

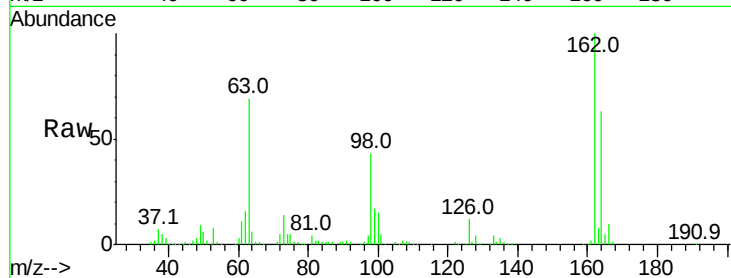




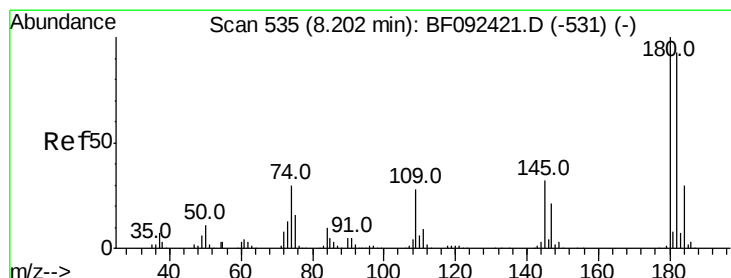
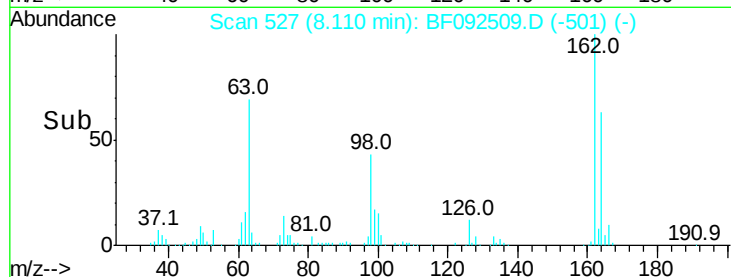
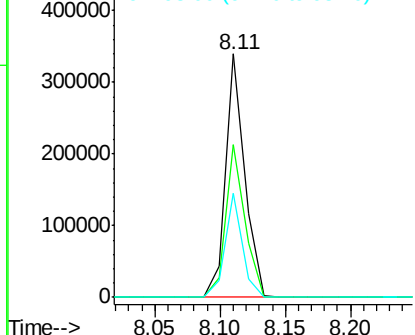
#29
 2,4-Dichlorophenol
 Concen: 39.35 ng
 RT: 8.11 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: BF092509.D
 Acq: 26 Jan 2017 7:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.7	46.8	86.8
98	42.8	9.1	49.1

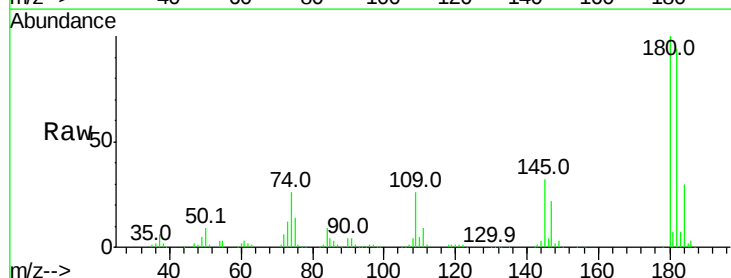


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

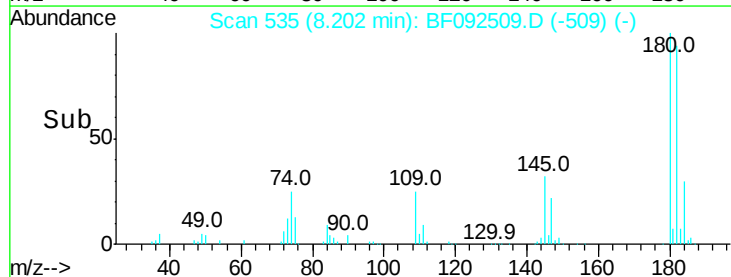
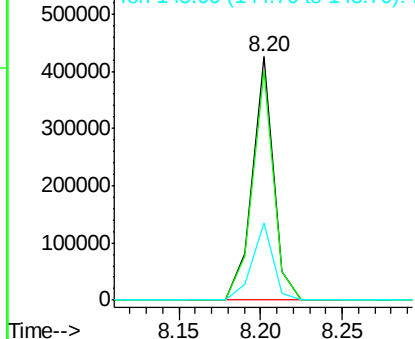


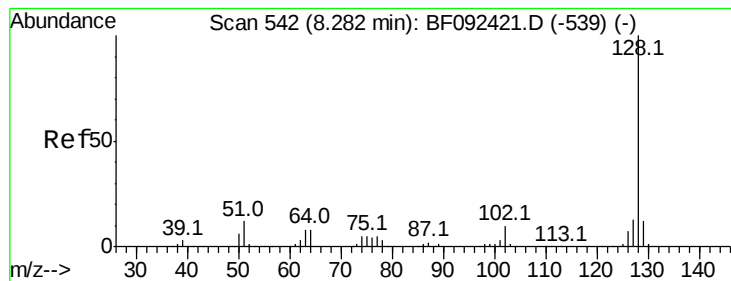
#30
 1,2,4-Trichlorobenzene
 Concen: 40.43 ng
 RT: 8.20 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: BF092509.D
 Acq: 26 Jan 2017 7:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	78.2	117.4
145	31.8	21.6	32.4



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.72 ng

RT: 8.28 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF092509.D

Acq: 26 Jan 2017 7:34

Instrument :

BNA_F

ClientSampleId :

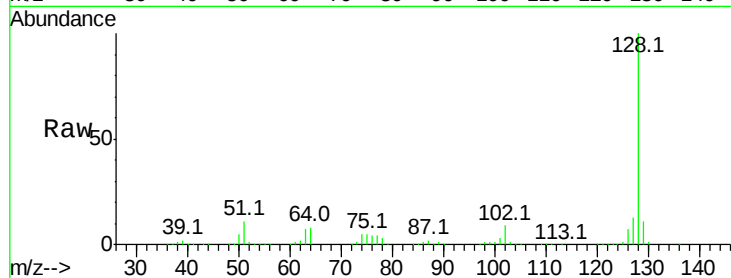
Tot Ion:128 Resp: 1169441

Ion Ratio Lower Upper

128 100

129 11.1 9.5 14.3

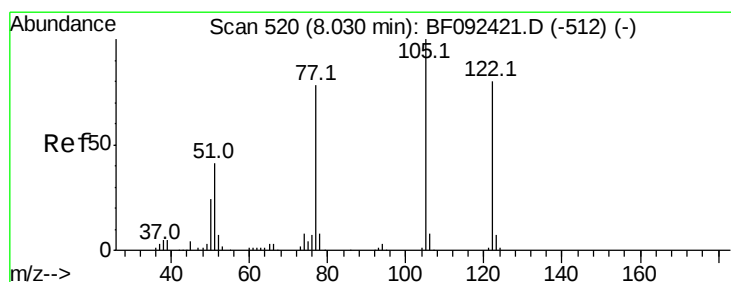
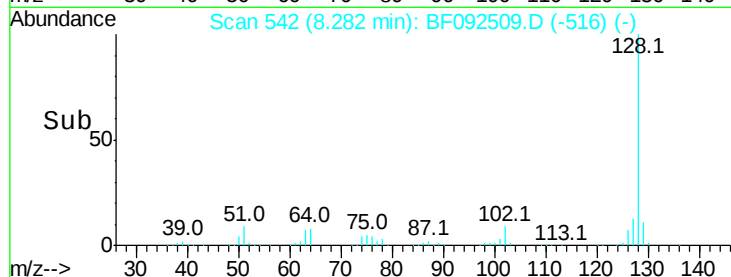
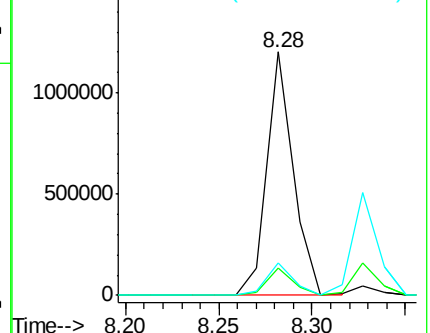
127 13.3 10.8 16.2



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: 22.46 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF092509.D

Acq: 26 Jan 2017 7:34

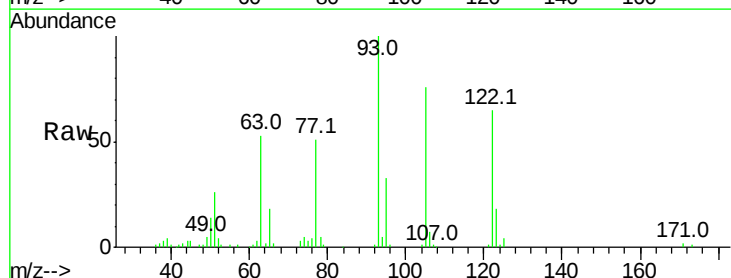
Tgt Ion:122 Resp: 148975

Ion Ratio Lower Upper

122 100

105 117.2 107.2 147.2

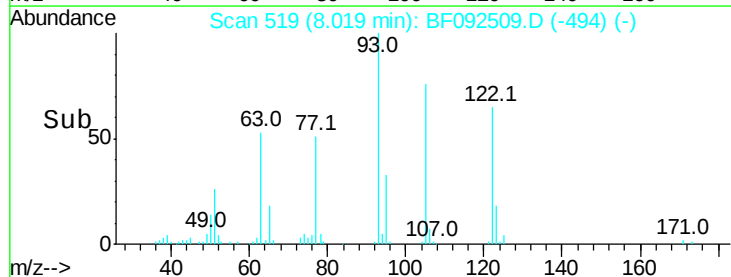
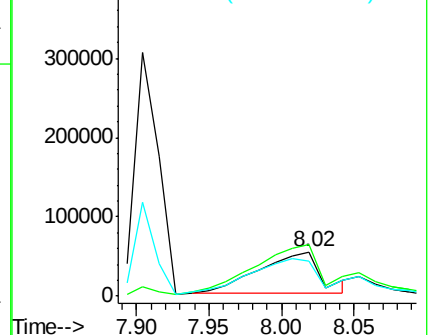
77 78.6 74.5 114.5

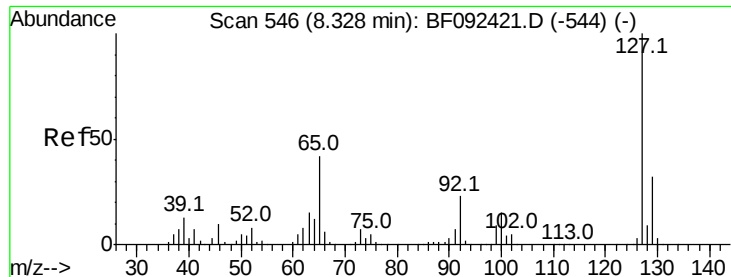


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

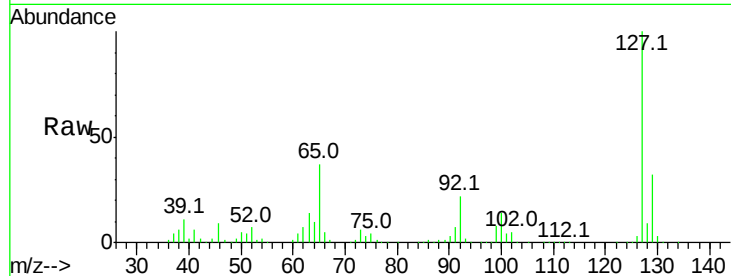




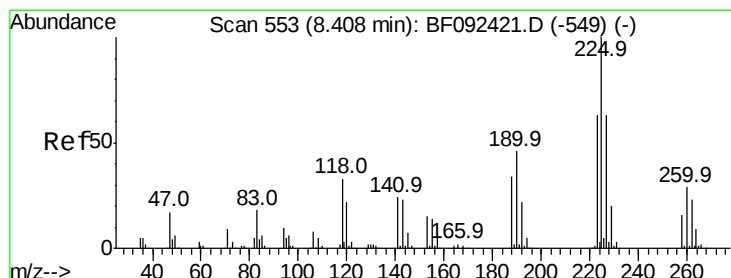
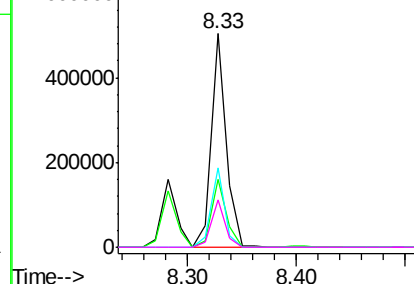
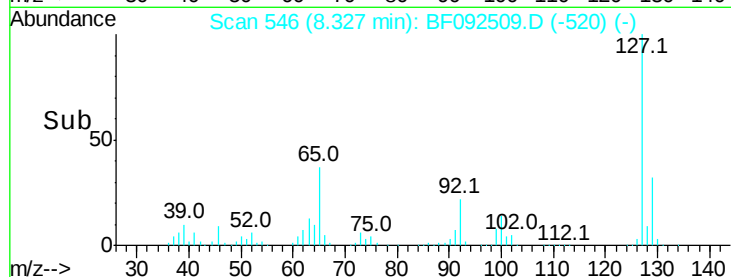
#33
4-Chloroaniline
Concen: 36.95 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF092509.D
Acq: 26 Jan 2017 7:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 484623
Ion Ratio Lower Upper
127 100
129 31.7 26.3 39.5
65 37.5 25.8 38.8
92 22.5 16.1 24.1

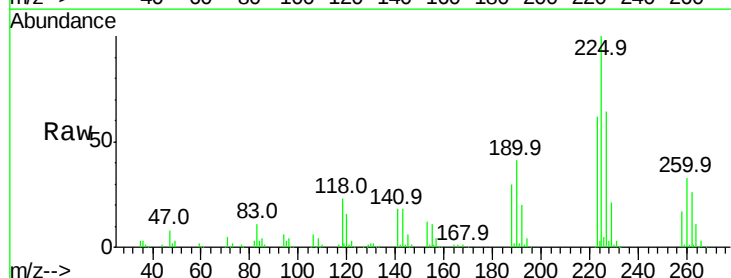


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

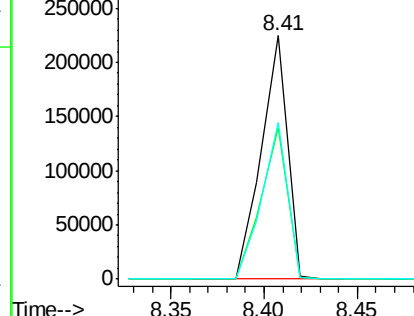
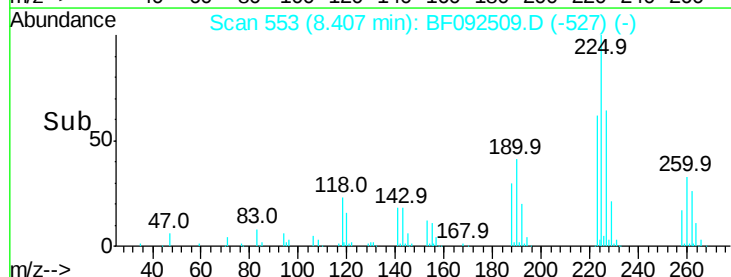


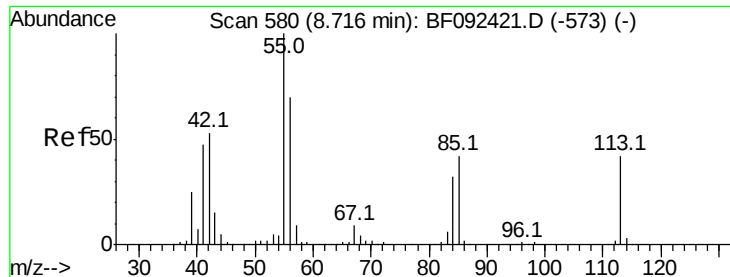
#34
Hexachlorobutadiene
Concen: 41.83 ng
RT: 8.41 min Scan# 553
Delta R.T. -0.00 min
Lab File: BF092509.D
Acq: 26 Jan 2017 7:34

Tgt Ion:225 Resp: 217040
Ion Ratio Lower Upper
225 100
223 62.3 51.0 76.6
227 64.3 50.6 76.0



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

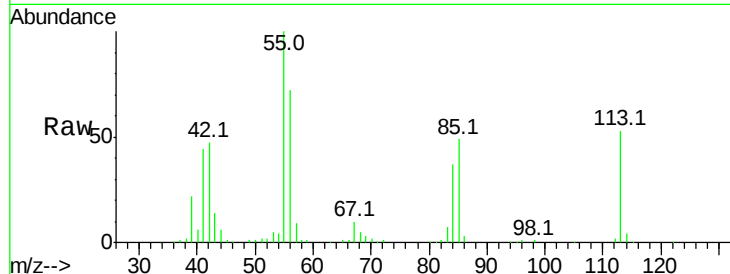




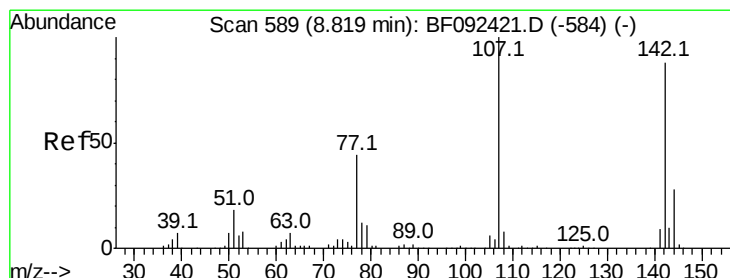
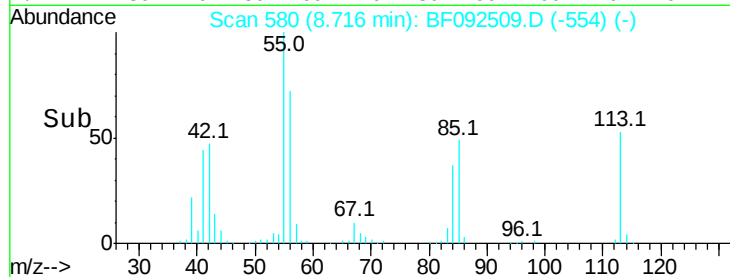
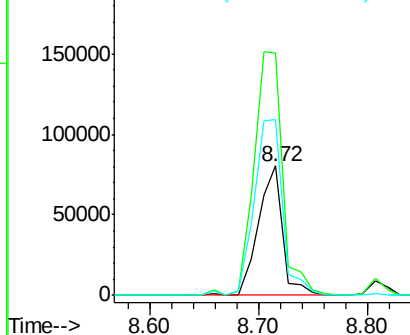
#35
 Caprolactam
 Concen: 43.01 ng
 RT: 8.72 min Scan# 580
 Delta R.T. -0.00 min
 Lab File: BF092509.D
 Acq: 26 Jan 2017 7:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 126060
 Ion Ratio Lower Upper
 113 100
 55 186.9 119.2 159.2#
 56 135.4 83.8 123.8#

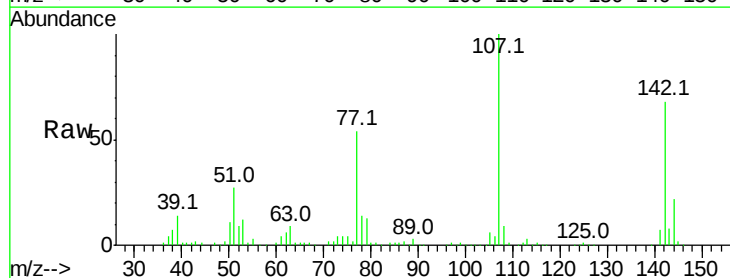


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

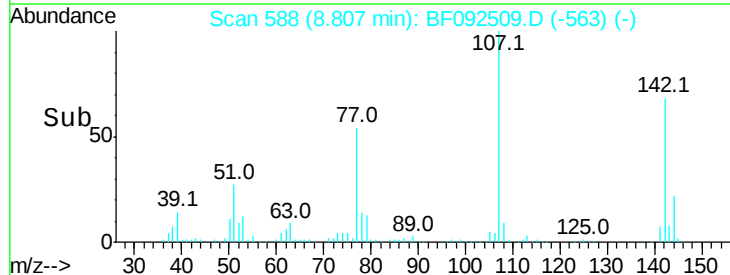
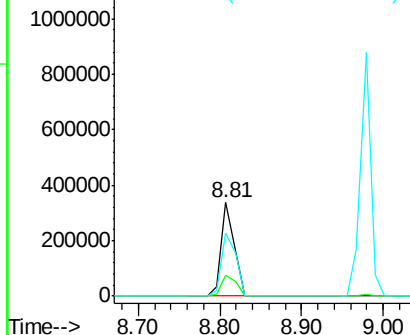


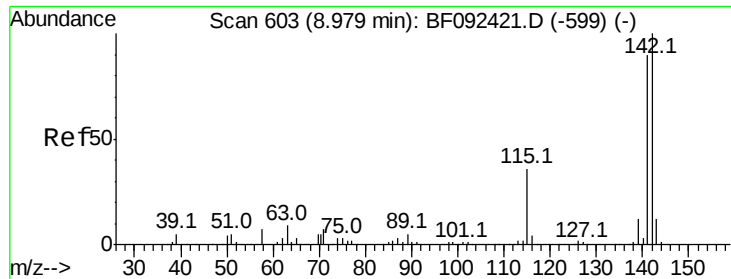
#36
 4-Chloro-3-methylphenol
 Concen: 38.96 ng
 RT: 8.81 min Scan# 588
 Delta R.T. -0.01 min
 Lab File: BF092509.D
 Acq: 26 Jan 2017 7:34

Tgt Ion:107 Resp: 368758
 Ion Ratio Lower Upper
 107 100
 144 22.2 19.3 28.9
 142 68.1 59.0 88.6



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

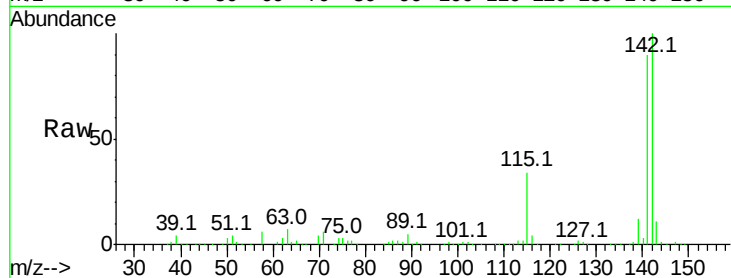




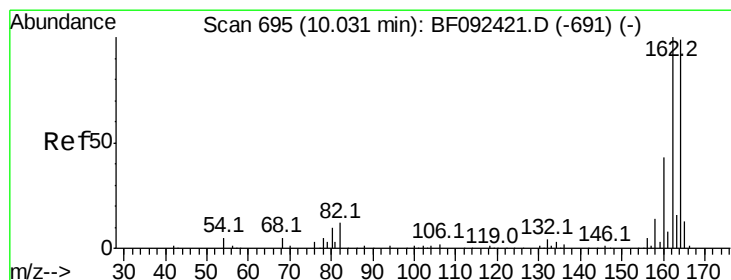
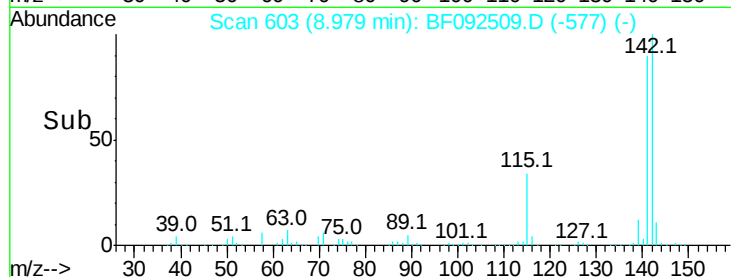
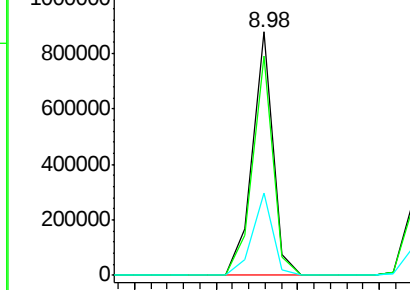
#37
 2-Methylnaphthalene
 Concen: 39.35 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF092509.D
 Acq: 26 Jan 2017 7:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:142 Resp: 772283
 Ion Ratio Lower Upper
 142 100
 141 90.0 71.0 106.6
 115 33.9 28.3 42.5

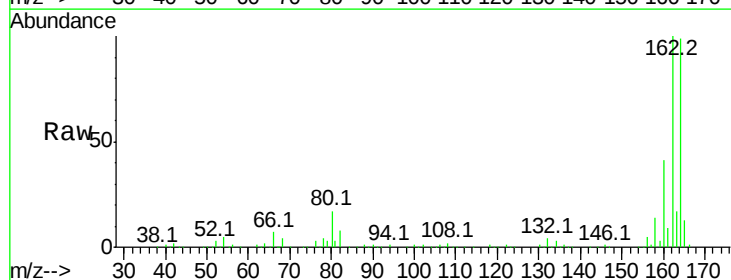


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

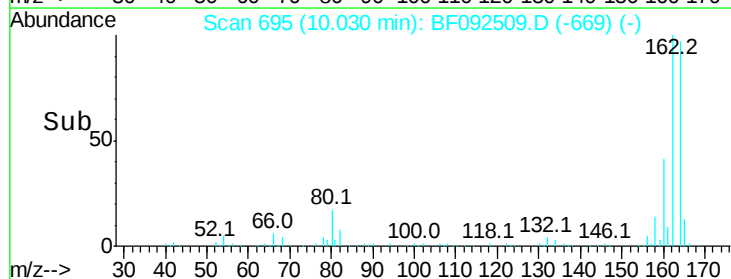
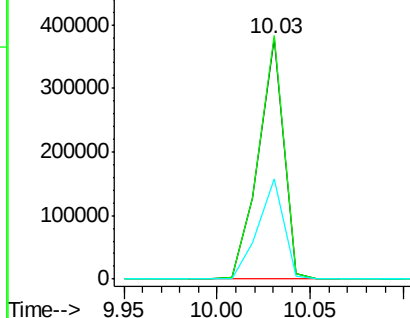


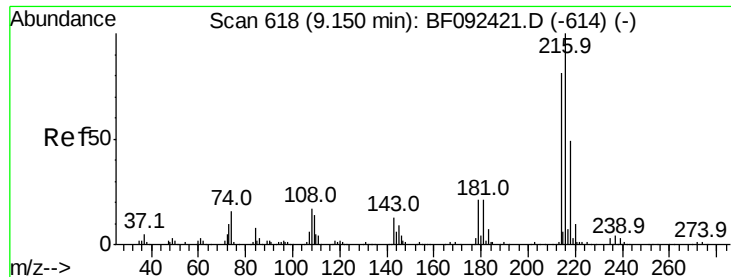
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.03 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: BF092509.D
 Acq: 26 Jan 2017 7:34

Tgt Ion:164 Resp: 354682
 Ion Ratio Lower Upper
 164 100
 162 101.2 80.2 120.2
 160 41.8 36.9 55.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.71 ng

RT: 9.15 min Scan# 618

Delta R.T. -0.00 min

Lab File: BF092509.D

Acq: 26 Jan 2017 7:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 364198

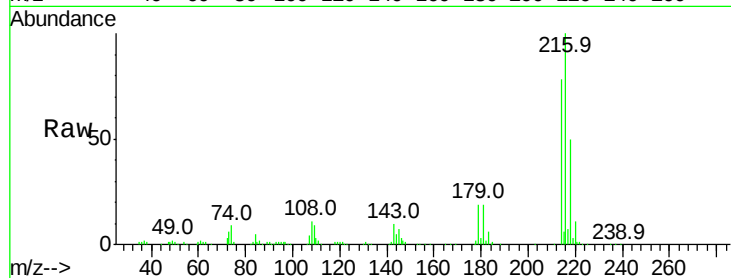
Ion Ratio Lower Upper

216 100

214 79.2 63.4 95.0

179 21.0 17.4 26.2

108 17.9 15.6 23.4

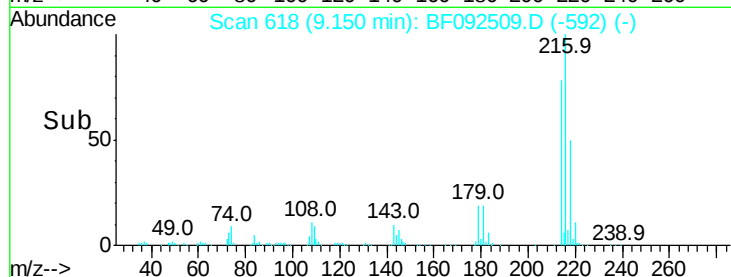


Abundance Ion 216.00 (215.70 to 216.70): E

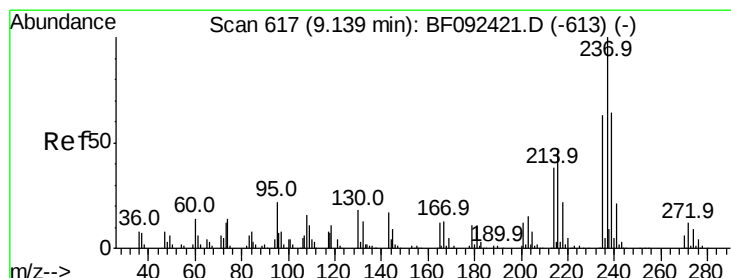
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 33.04 ng

RT: 9.14 min Scan# 617

Delta R.T. -0.00 min

Lab File: BF092509.D

Acq: 26 Jan 2017 7:34

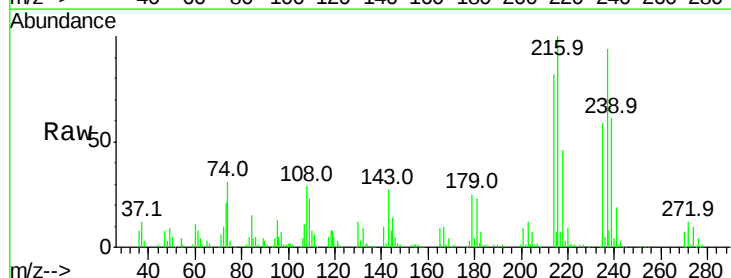
Tgt Ion:237 Resp: 148051

Ion Ratio Lower Upper

237 100

235 62.2 41.2 81.2

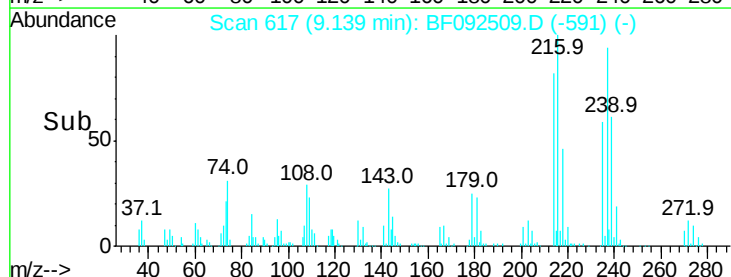
272 12.3 0.0 35.4



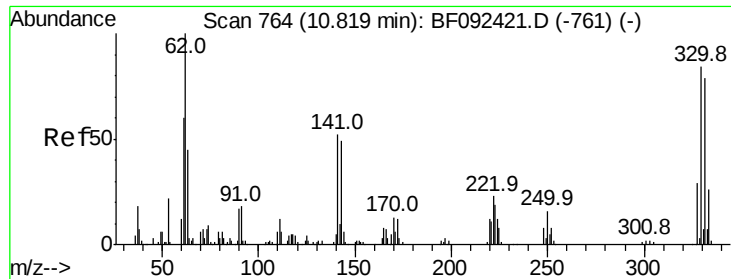
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



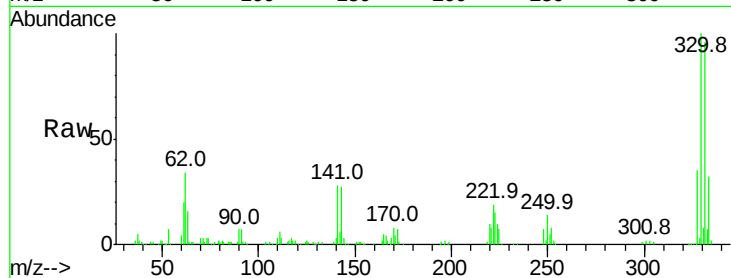
Time-->



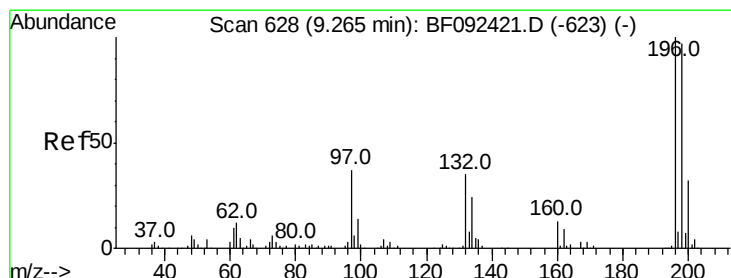
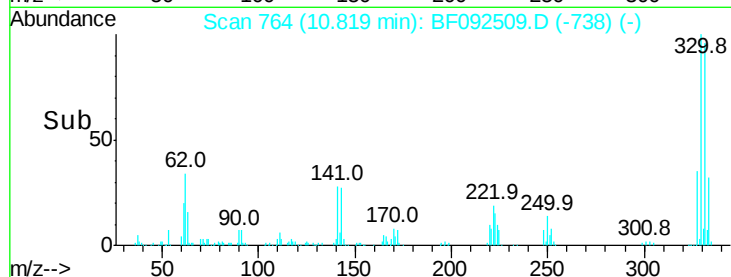
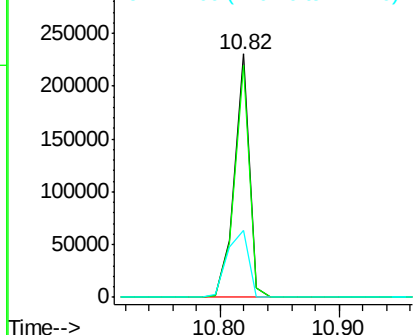
#41
 2,4,6-Tribromophenol
 Concen: 84.04 ng
 RT: 10.82 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BF092509.D
 Acq: 26 Jan 2017 7:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.4	116.2
141	38.7	34.1	51.1

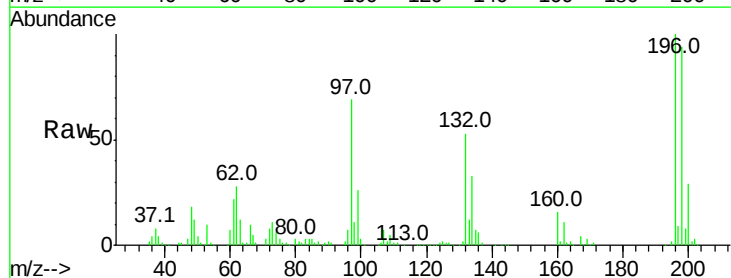


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

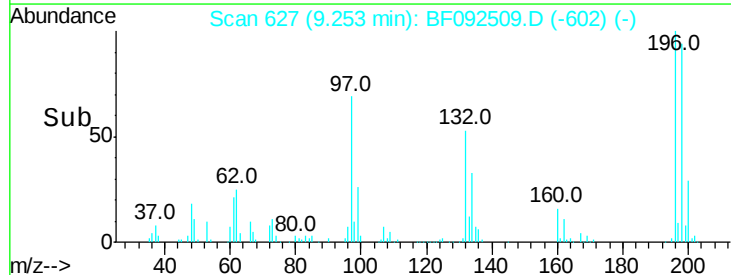
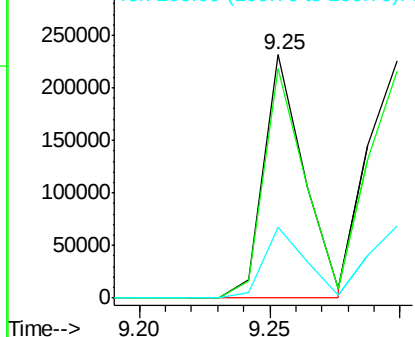


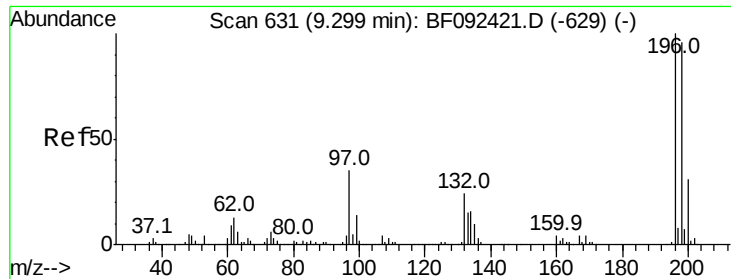
#42
 2,4,6-Trichlorophenol
 Concen: 36.34 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF092509.D
 Acq: 26 Jan 2017 7:34

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.5	82.1	123.1
200	29.3	27.0	40.4



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

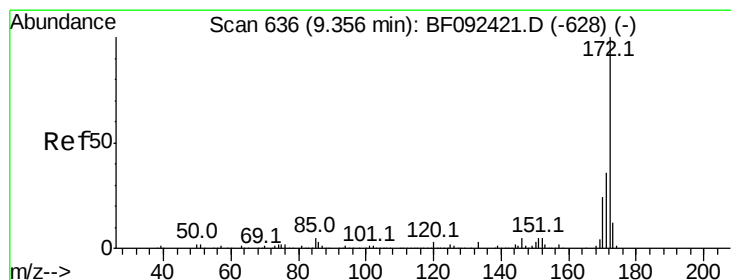
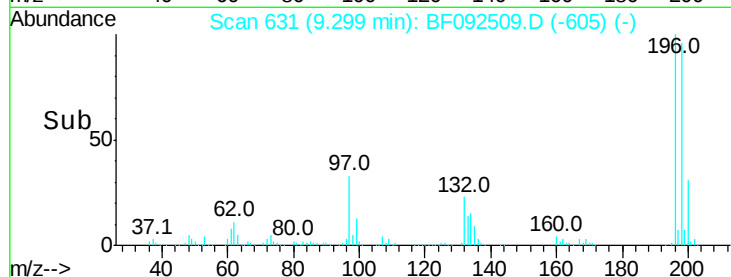
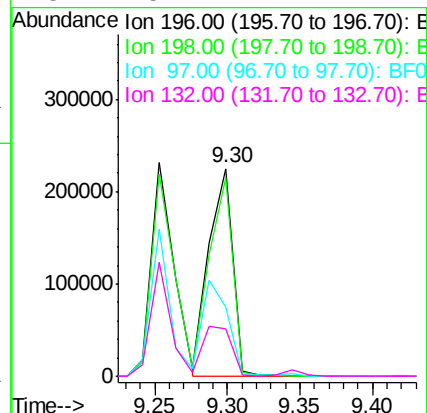
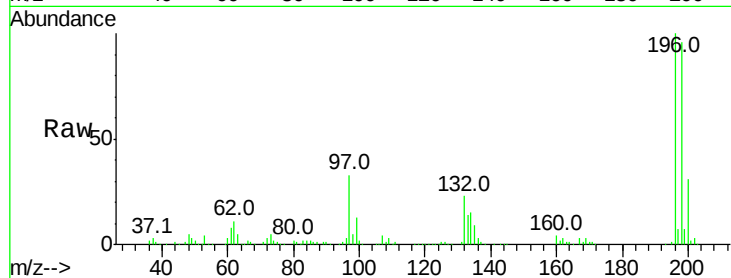




#43
 2,4,5-Trichlorophenol
 Concen: 41.42 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF092509.D
 Acq: 26 Jan 2017 7:34

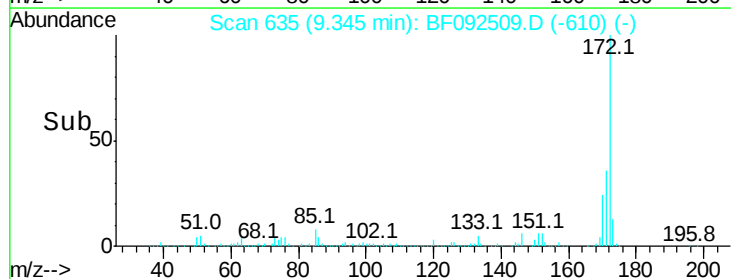
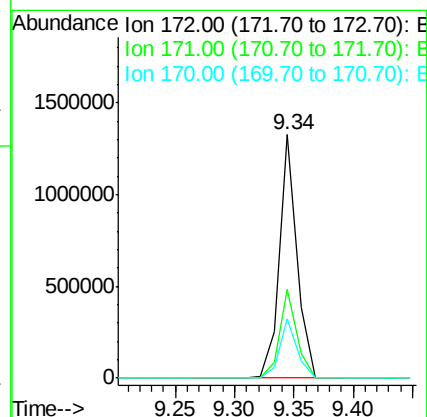
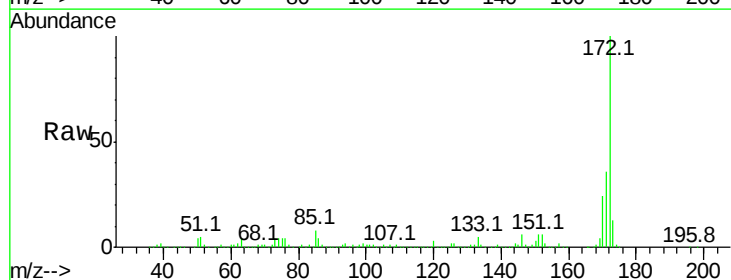
Instrument :
 BNA_F
 ClientSampleId :

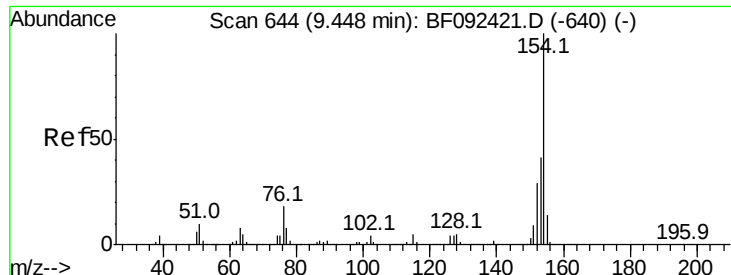
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.7	79.4	119.2
97	33.5	51.5	77.3#
132	23.1	27.4	41.2#



#44
 2-Fluorobiphenyl
 Concen: 70.79 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092509.D
 Acq: 26 Jan 2017 7:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.3	20.2	30.4

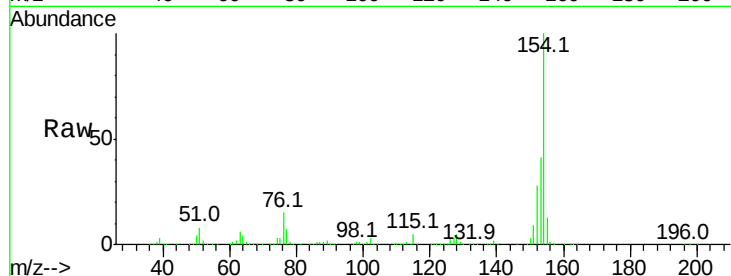




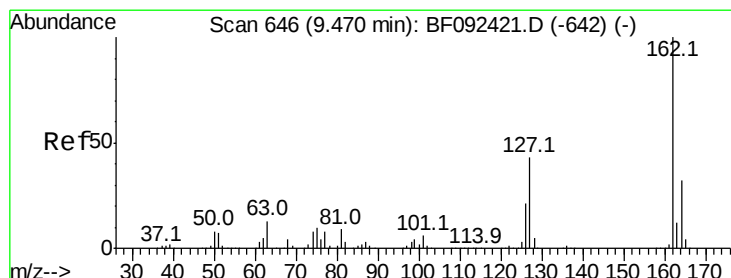
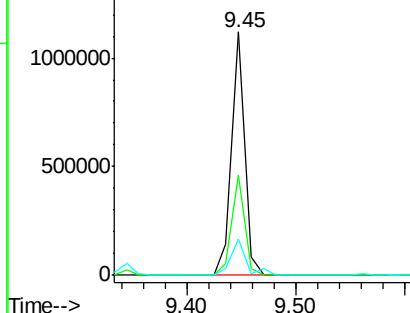
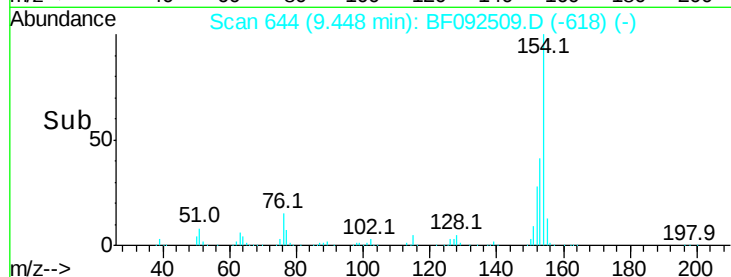
#45
 1,1'-Biphenyl
 Concen: 36.34 ng
 RT: 9.45 min Scan# 644
 Delta R.T. -0.00 min
 Lab File: BF092509.D
 Acq: 26 Jan 2017 7:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.9	60.9
76	15.2	0.0	30.5

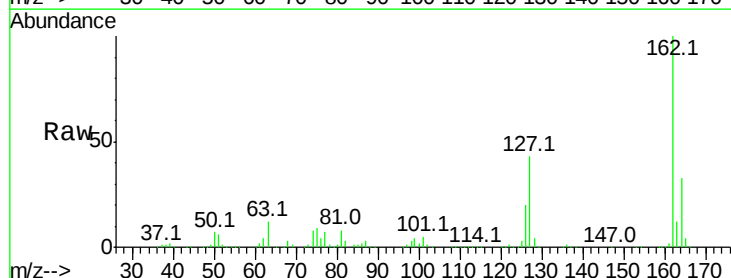


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

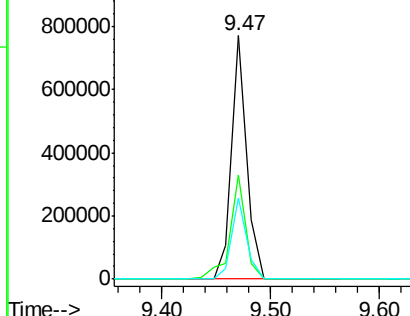
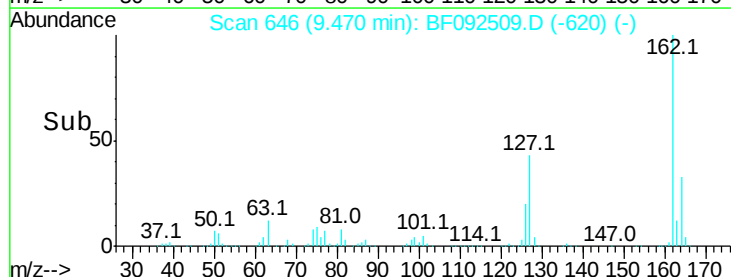


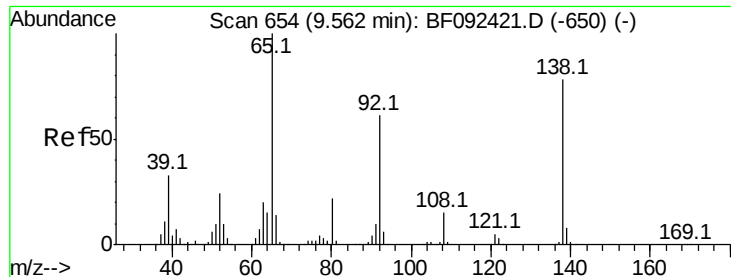
#46
 2-Chloronaphthalene
 Concen: 35.10 ng
 RT: 9.47 min Scan# 646
 Delta R.T. -0.00 min
 Lab File: BF092509.D
 Acq: 26 Jan 2017 7:34

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.5	30.7	46.1
164	33.1	27.6	41.4



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

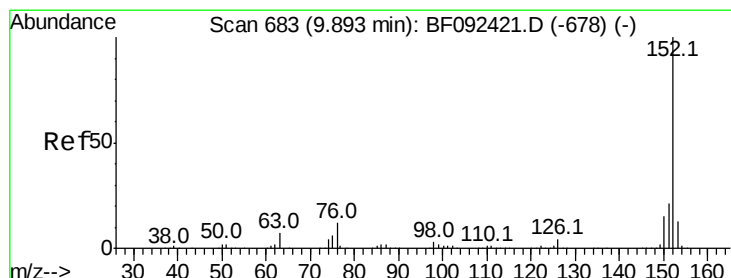
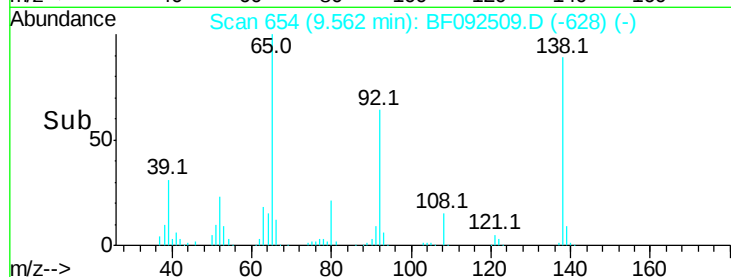
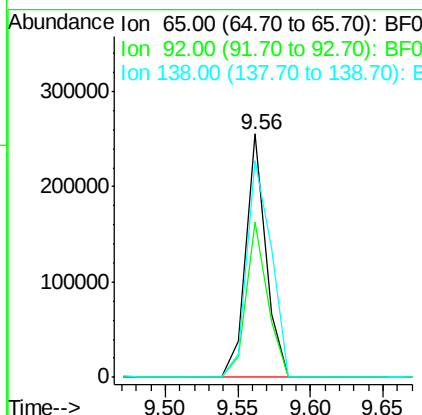
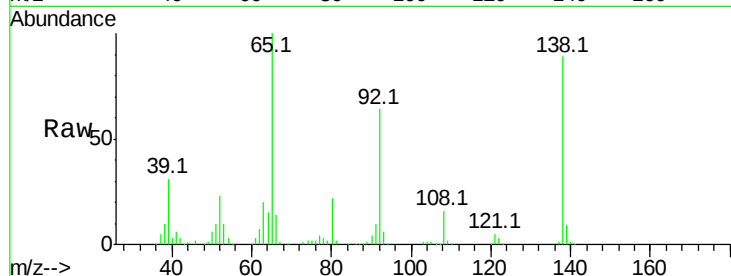




#47
2-Nitroaniline
Concen: 35.24 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.00 min
Lab File: BF092509.D
Acq: 26 Jan 2017 7:34

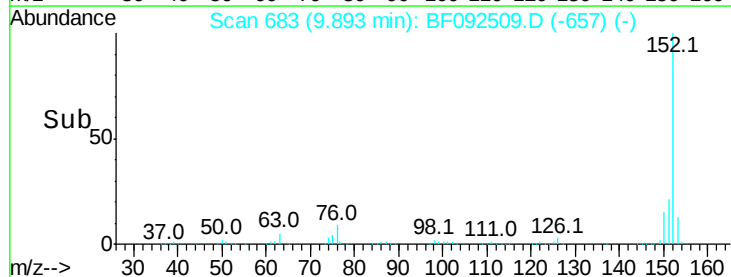
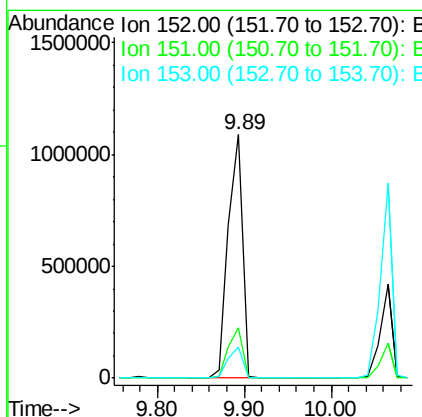
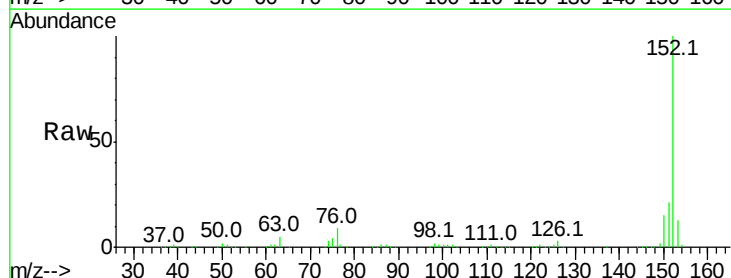
Instrument :
BNA_F
ClientSampleId :

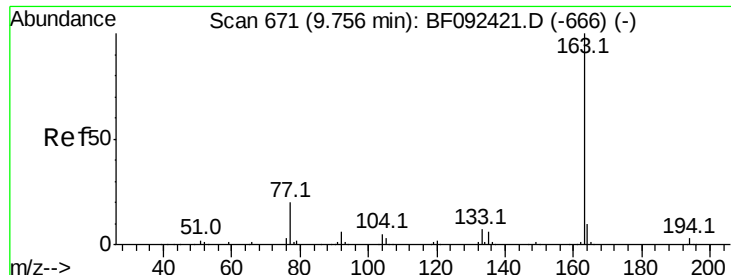
Tot Ion: 65 Resp: 248480
Ion Ratio Lower Upper
65 100
92 63.6 53.9 80.9
138 89.2 76.8 115.2



#48
Acenaphthylene
Concen: 40.65 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF092509.D
Acq: 26 Jan 2017 7:34

Tgt Ion:152 Resp: 1248457
Ion Ratio Lower Upper
152 100
151 20.6 16.9 25.3
153 13.0 11.4 17.2

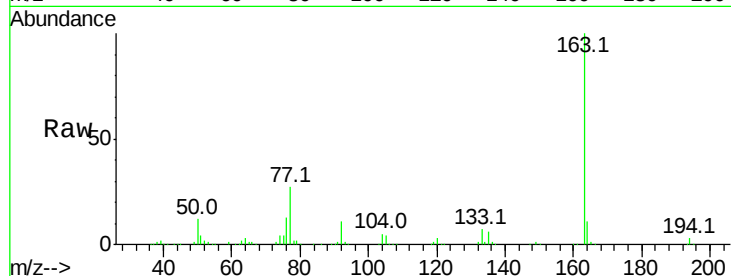




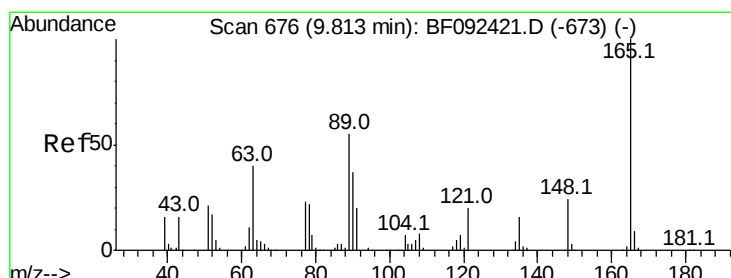
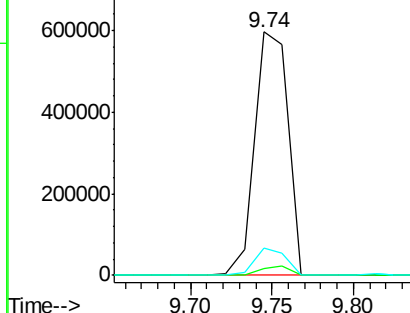
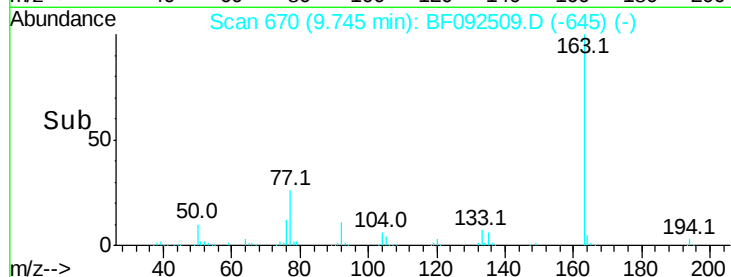
#49
Dimethylphthalate
Concen: 37.47 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF092509.D
Acq: 26 Jan 2017 7:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.0	3.0	4.4
164	11.0	8.0	12.0

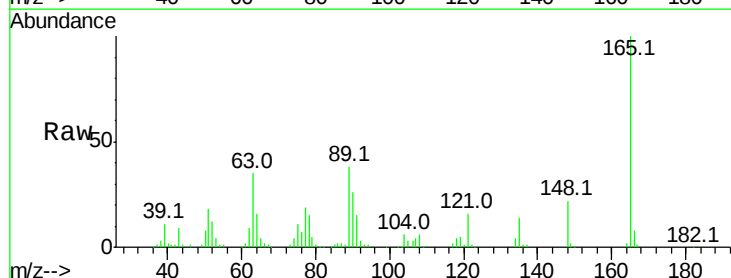


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

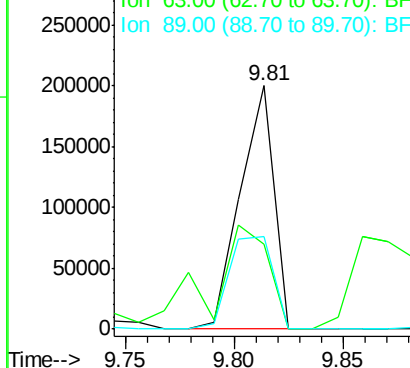
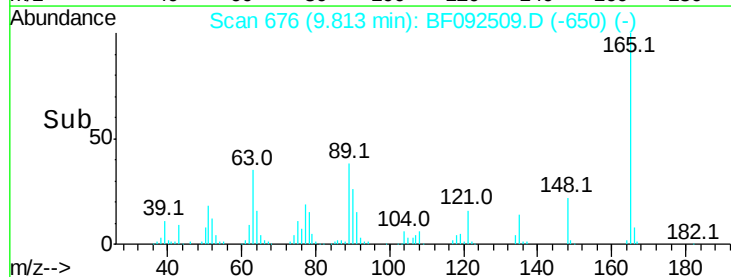


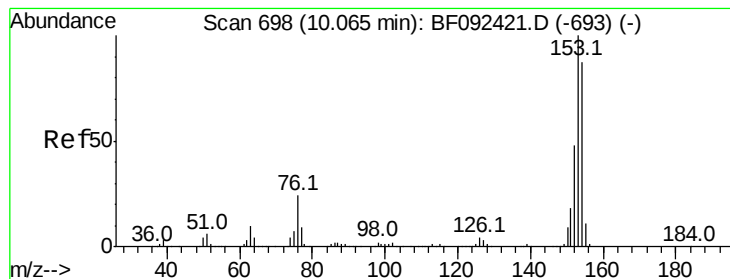
#50
2,6-Dinitrotoluene
Concen: 46.51 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.00 min
Lab File: BF092509.D
Acq: 26 Jan 2017 7:34

Tgt Ion	Ratio	Lower	Upper
165	100		
63	34.7	36.2	54.4#
89	38.0	40.2	60.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.83 ng

RT: 10.06 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF092509.D

Acq: 26 Jan 2017 7:34

Instrument :

BNA_F

ClientSampled :

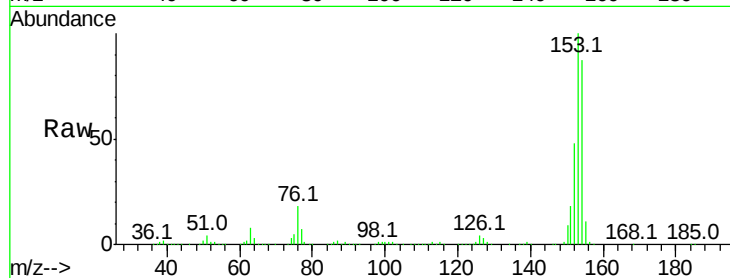
Tot Ion:154 Resp: 760199

Ion Ratio Lower Upper

154 100

153 114.3 88.6 133.0

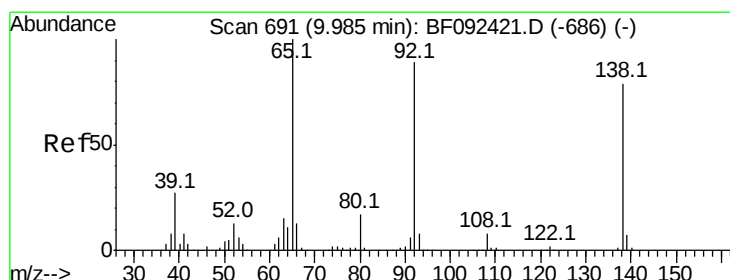
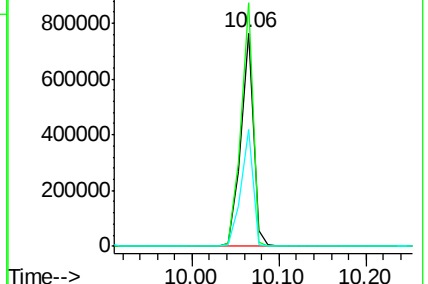
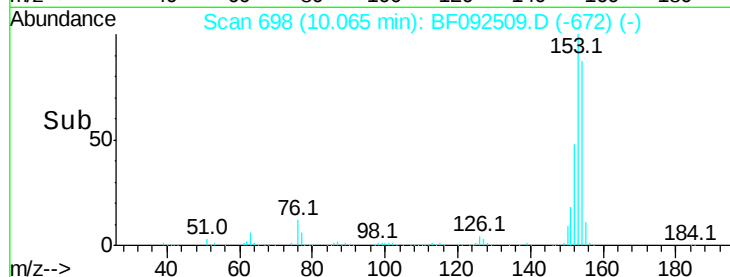
152 54.8 41.6 62.4



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: 40.67 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF092509.D

Acq: 26 Jan 2017 7:34

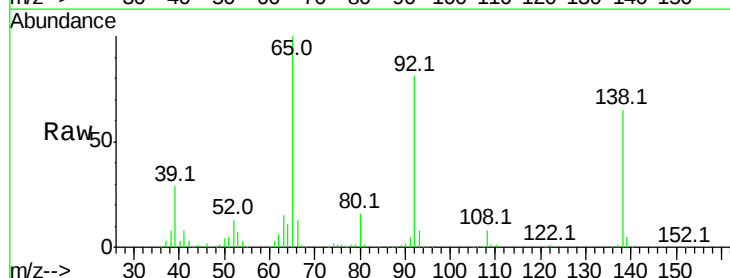
Tgt Ion:138 Resp: 234842

Ion Ratio Lower Upper

138 100

108 11.6 8.5 12.7

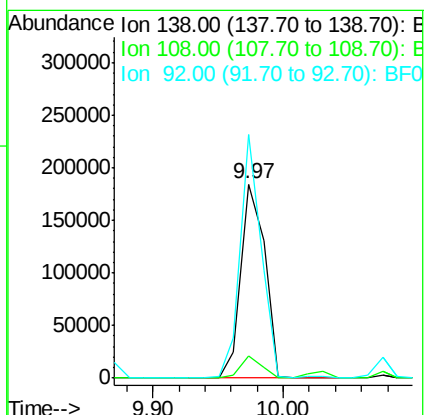
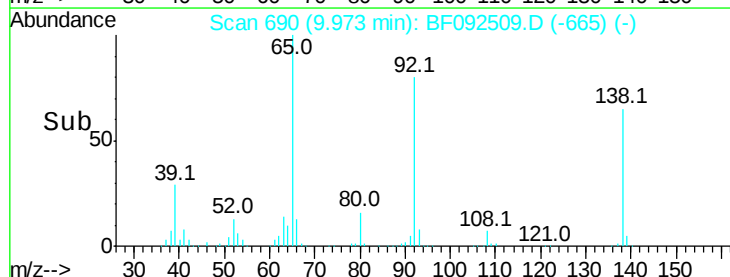
92 125.5 97.8 146.8

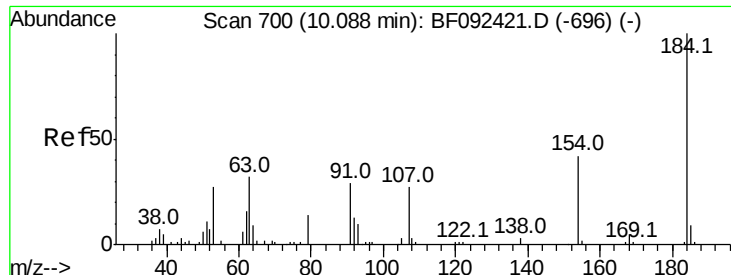


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

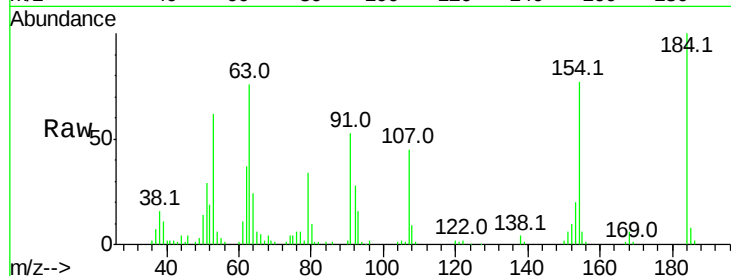




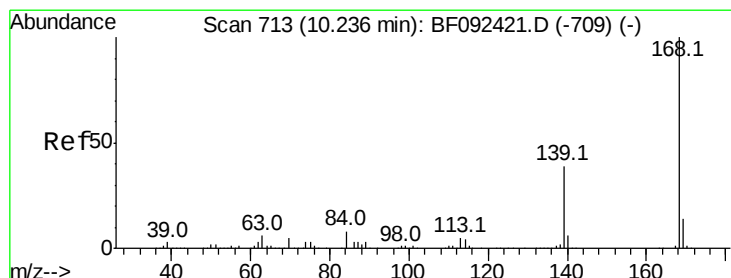
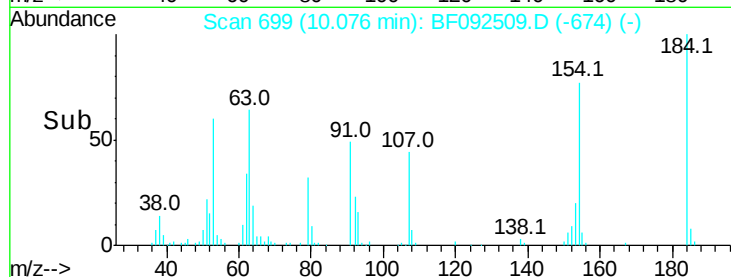
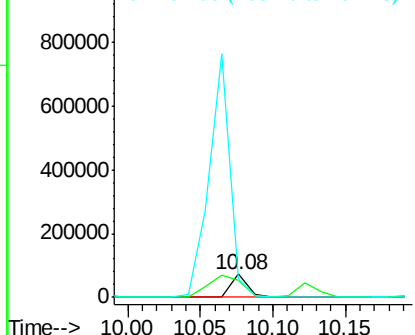
#53
 2,4-Dinitrophenol
 Concen: 31.67 ng
 RT: 10.08 min Scan# 699
 Delta R.T. -0.01 min
 Lab File: BF092509.D
 Acq: 26 Jan 2017 7:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 58207
 Ion Ratio Lower Upper
 184 100
 63 75.8 28.4 42.6#
 154 77.4 44.3 66.5#

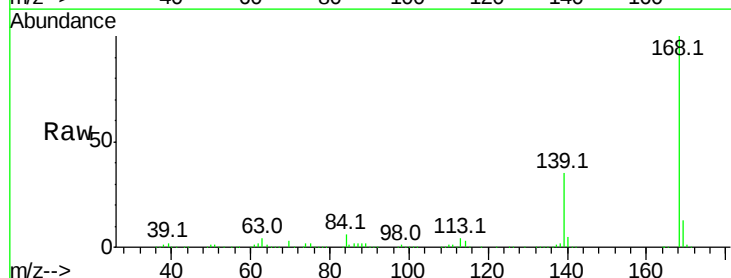


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

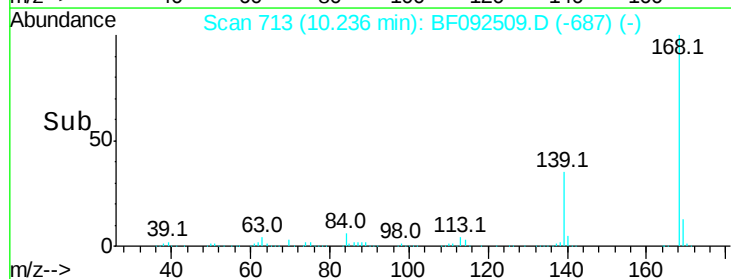
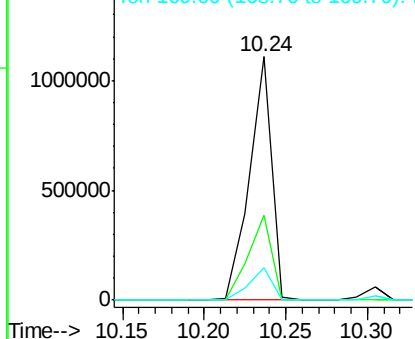


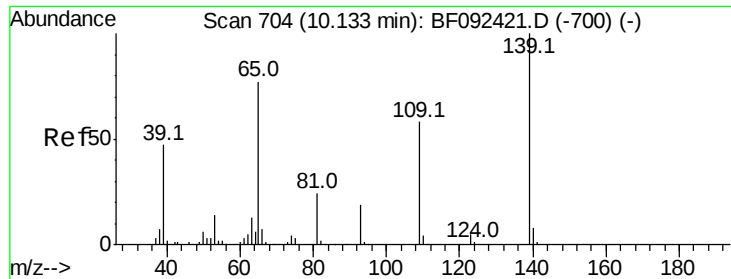
#54
 Dibenzofuran
 Concen: 40.41 ng
 RT: 10.24 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: BF092509.D
 Acq: 26 Jan 2017 7:34

Tgt Ion:168 Resp: 1047120
 Ion Ratio Lower Upper
 168 100
 139 34.8 32.6 49.0
 169 13.3 11.3 16.9



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

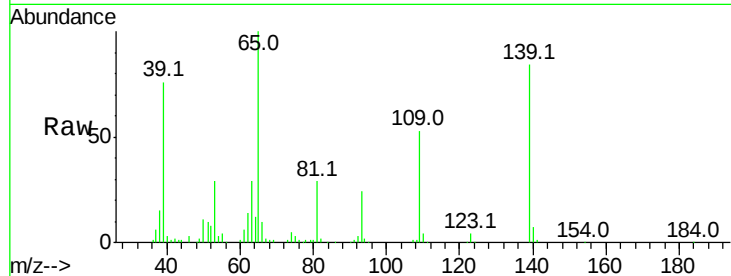




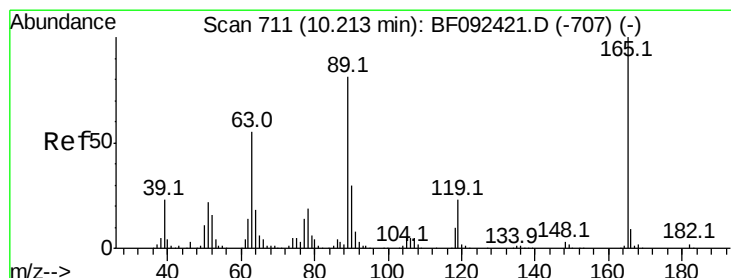
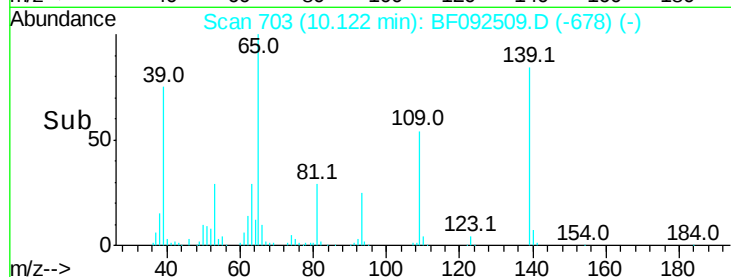
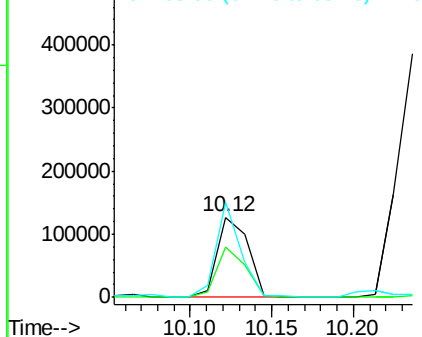
#55
4-Nitrophenol
Concen: 36.48 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF092509.D
Acq: 26 Jan 2017 7:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 167252
Ion Ratio Lower Upper
139 100
109 63.4 52.2 92.2
65 118.9 85.8 125.8

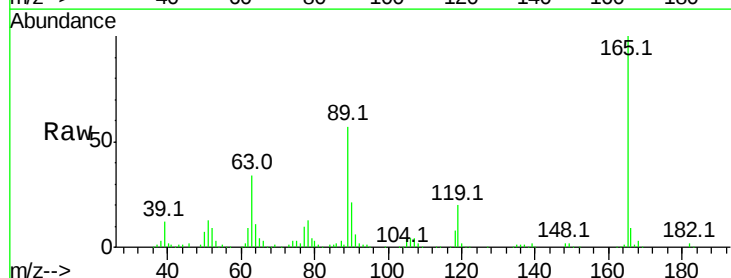


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

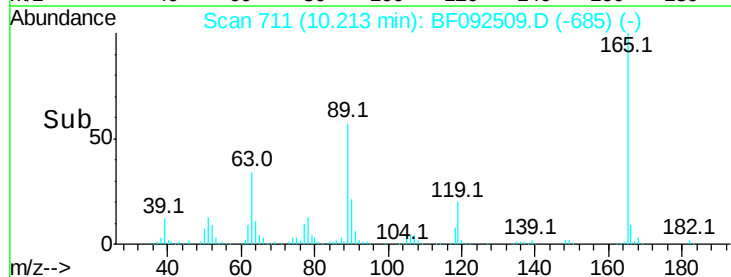
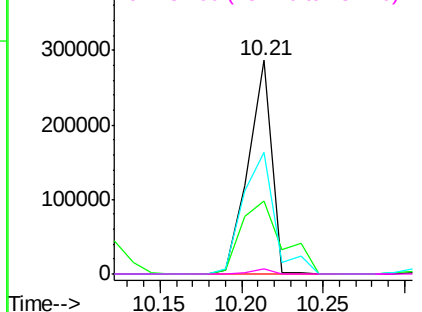


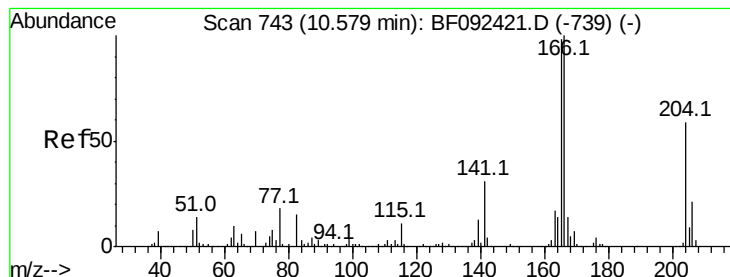
#56
2,4-Dinitrotoluene
Concen: 46.22 ng
RT: 10.21 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF092509.D
Acq: 26 Jan 2017 7:34

Tgt Ion:165 Resp: 282808
Ion Ratio Lower Upper
165 100
63 34.4 40.2 60.4#
89 56.7 62.5 93.7#
182 2.4 1.8 2.8



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 42.56 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF092509.D

Acq: 26 Jan 2017 7:34

Instrument :

BNA_F

ClientSampleId :

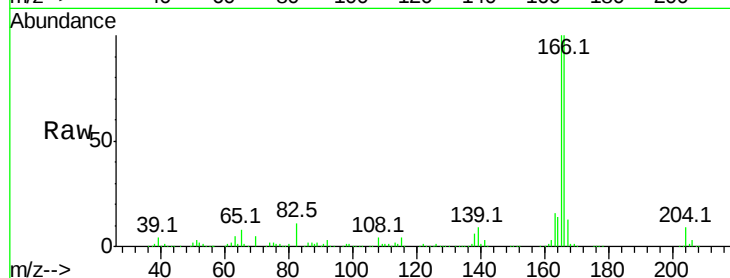
Tot Ion:166 Resp: 817926

Ion Ratio Lower Upper

166 100

165 99.6 77.8 116.8

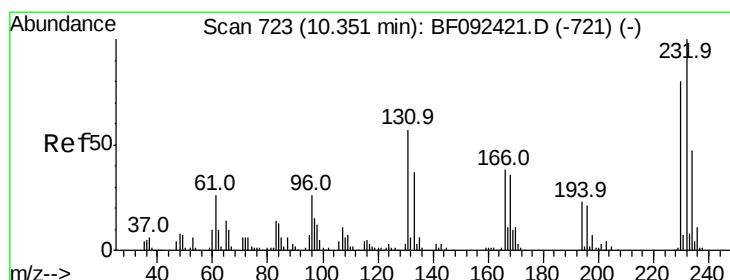
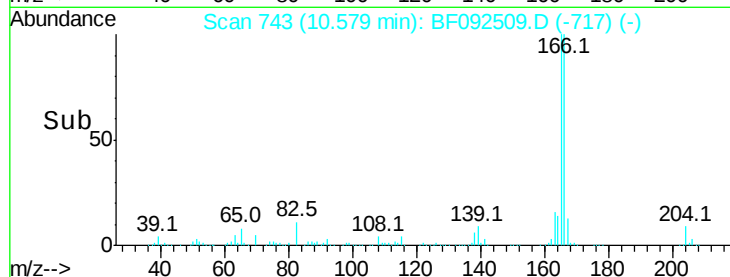
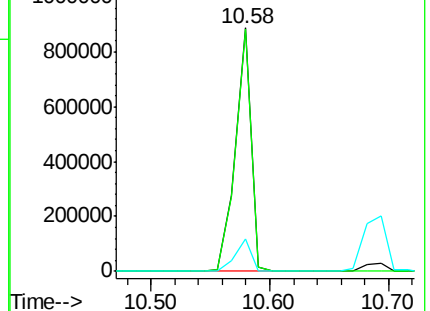
167 13.2 10.8 16.2



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: 41.17 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF092509.D

Acq: 26 Jan 2017 7:34

Tgt Ion:232 Resp: 193444

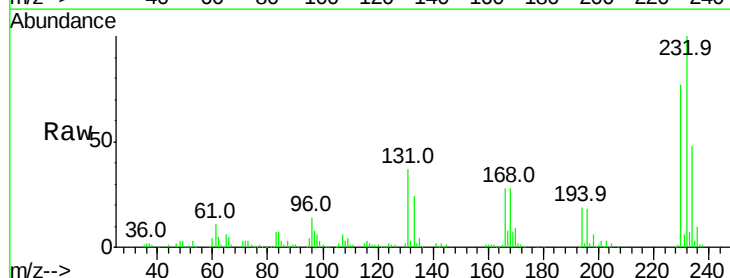
Ion Ratio Lower Upper

232 100

131 46.8 40.1 60.1

130 2.5 1.8 2.8

166 32.6 26.6 39.8

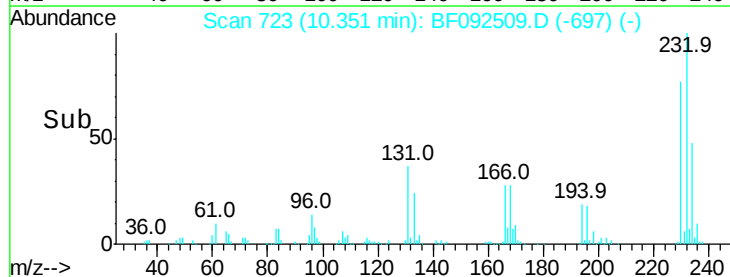
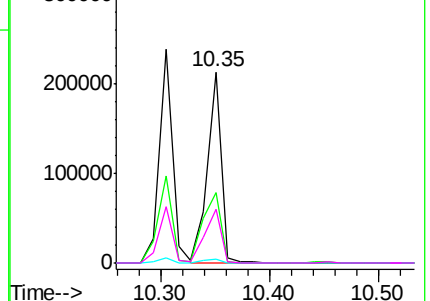


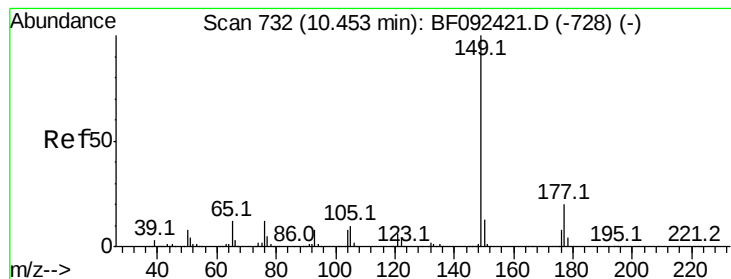
Abundance Ion 232.00 (231.70 to 232.70): E

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: 40.50 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF092509.D

Acq: 26 Jan 2017 7:34

Instrument :

BNA_F

ClientSampled :

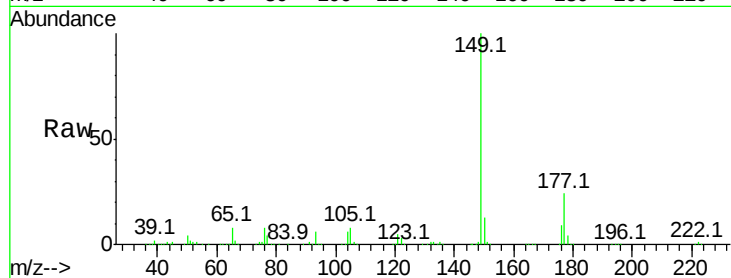
Tot Ion:149 Resp: 875986

Ion Ratio Lower Upper

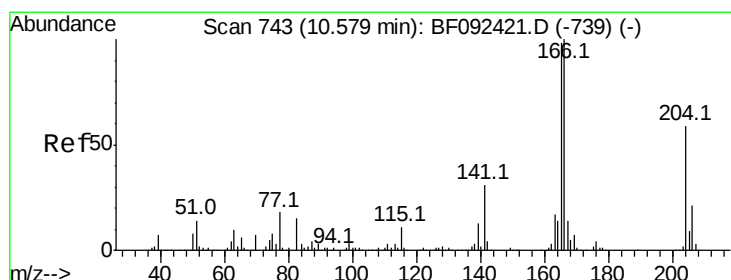
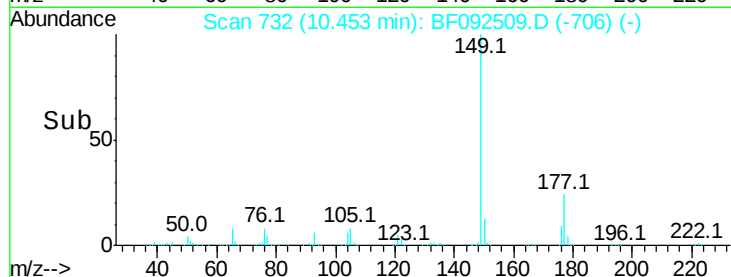
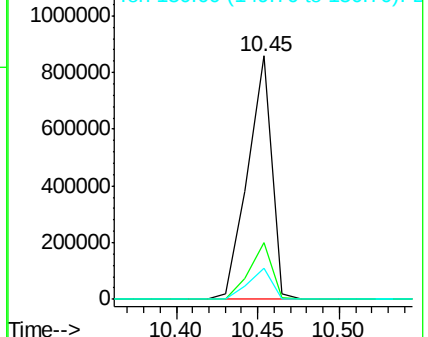
149 100

177 23.5 16.6 25.0

150 12.7 10.4 15.6



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



#60

4-Chlorophenyl-phenylether

Concen: 36.31 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF092509.D

Acq: 26 Jan 2017 7:34

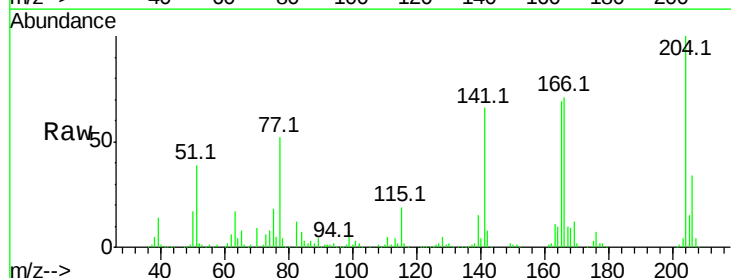
Tgt Ion:204 Resp: 338396

Ion Ratio Lower Upper

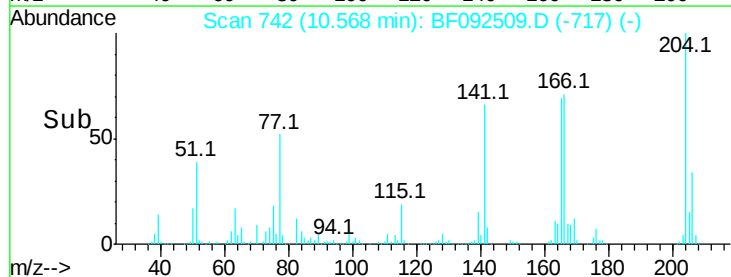
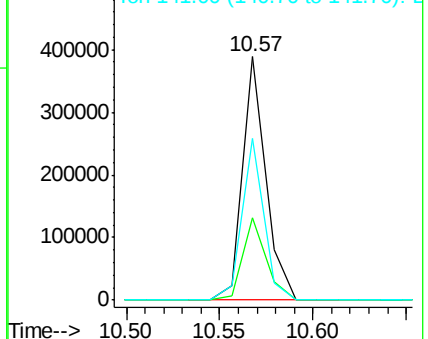
204 100

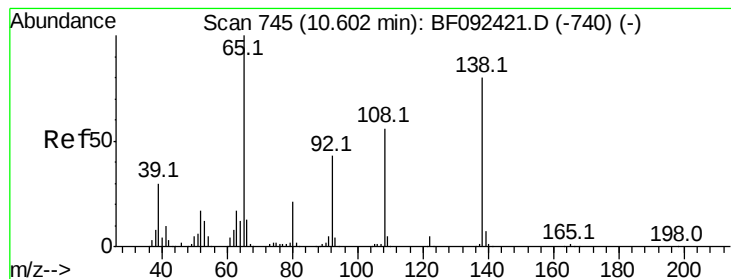
206 34.1 25.8 38.6

141 66.2 59.4 89.0



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 37.33 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF092509.D

Acq: 26 Jan 2017 7:34

Instrument :

BNA_F

ClientSampleId :

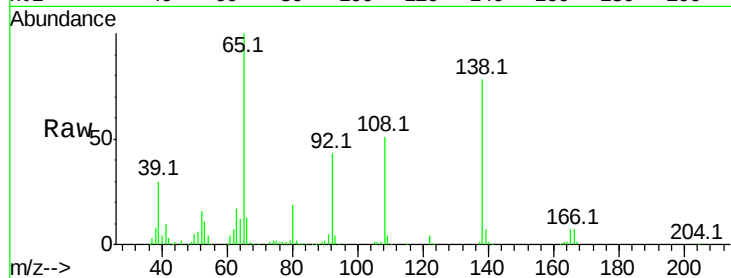
Tot Ion:138 Resp: 215583

Ion Ratio Lower Upper

138 100

92 54.8 31.7 71.7

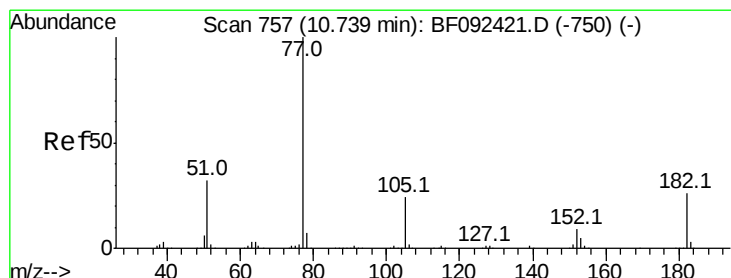
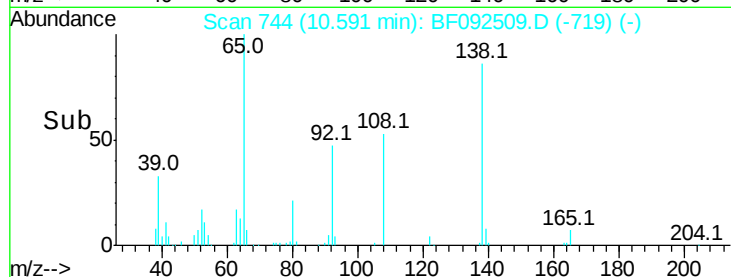
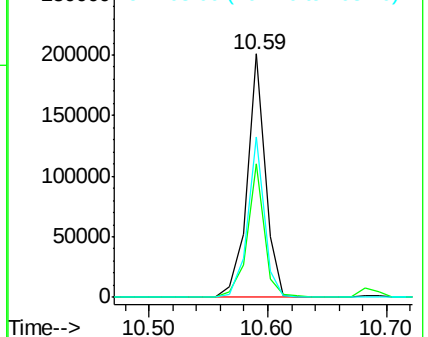
108 65.9 52.6 92.6



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: 32.82 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF092509.D

Acq: 26 Jan 2017 7:34

Tgt Ion: 77 Resp: 807640

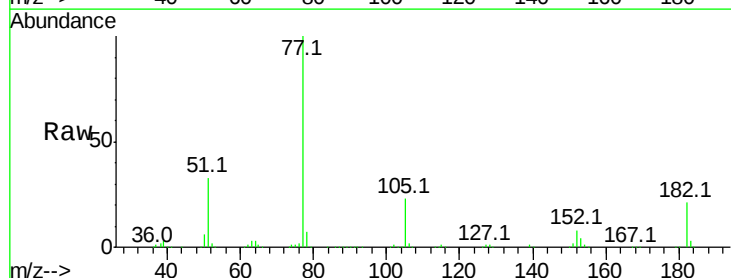
Ion Ratio Lower Upper

77 100

182 20.7 0.0 39.3

105 23.0 2.3 42.3

51 32.6 8.9 48.9

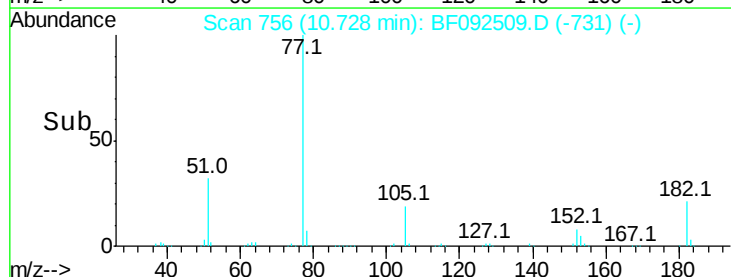
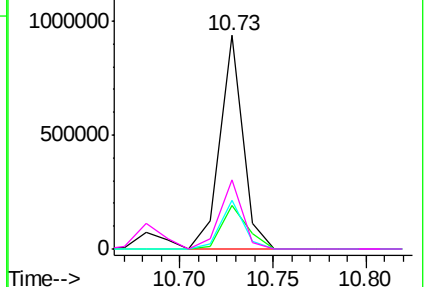


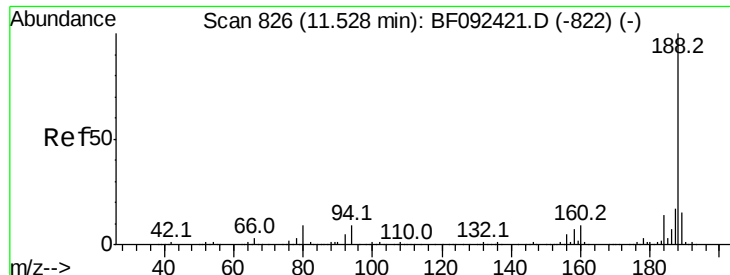
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

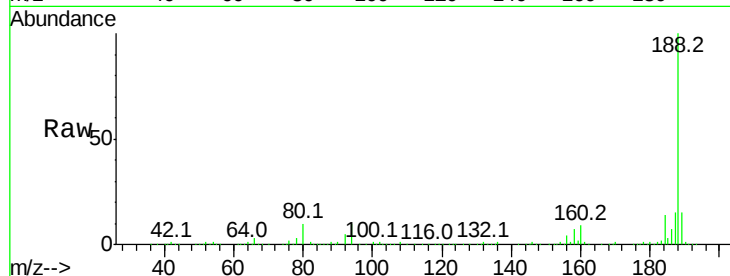




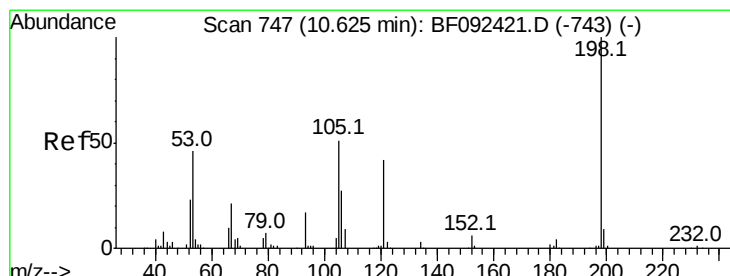
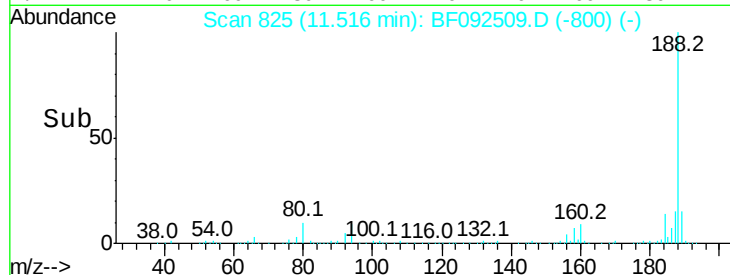
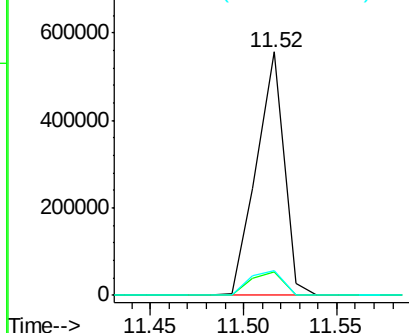
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092509.D
Acq: 26 Jan 2017 7:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 569704
Ion Ratio Lower Upper
188 100
94 9.5 10.0 15.0#
80 10.0 11.2 16.8#

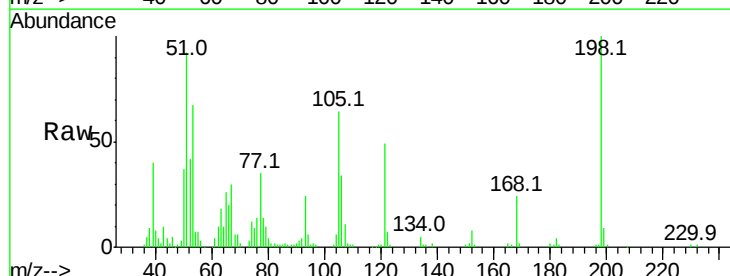


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

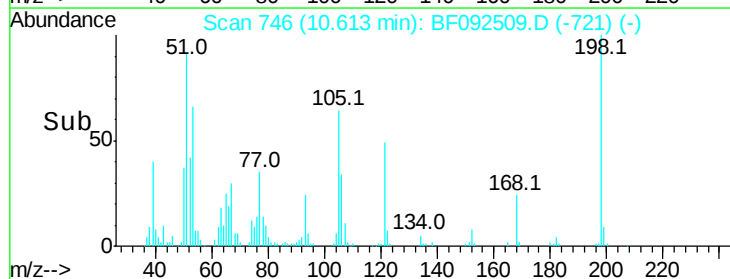
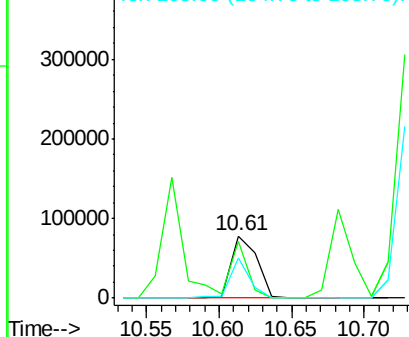


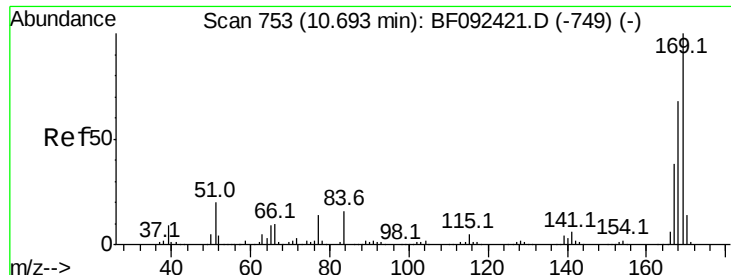
#64
4,6-Dinitro-2-methylphenol
Concen: 33.02 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF092509.D
Acq: 26 Jan 2017 7:34

Tgt Ion:198 Resp: 96085
Ion Ratio Lower Upper
198 100
51 91.8 6.7 46.7#
105 64.3 16.6 56.6#



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

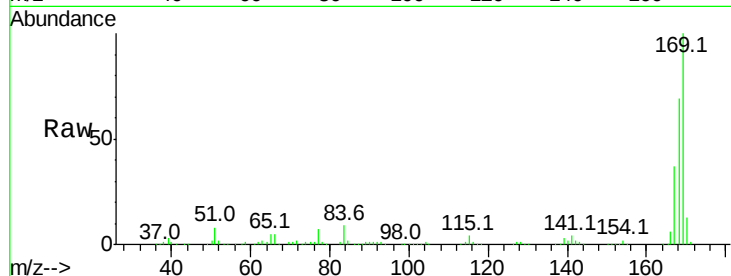




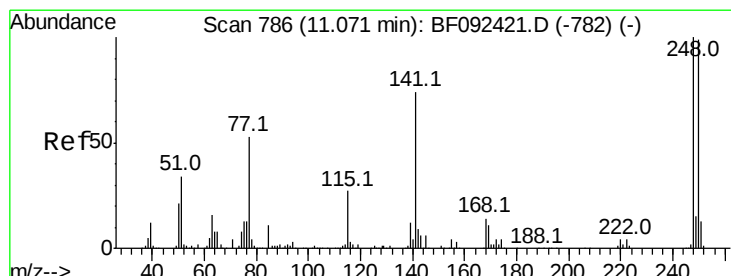
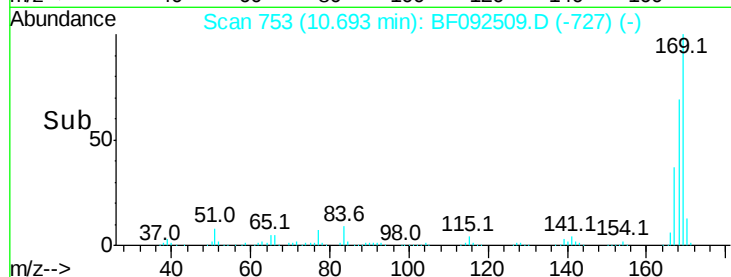
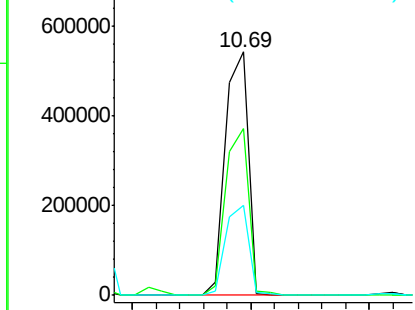
#65
 n-Nitrosodiphenylamine
 Concen: 40.57 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.00 min
 Lab File: BF092509.D
 Acq: 26 Jan 2017 7:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.7	54.2	81.2
167	37.1	30.2	45.4

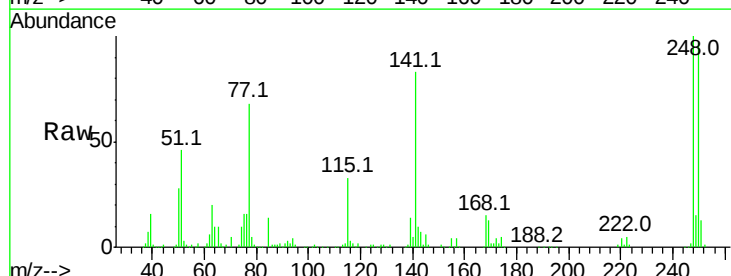


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

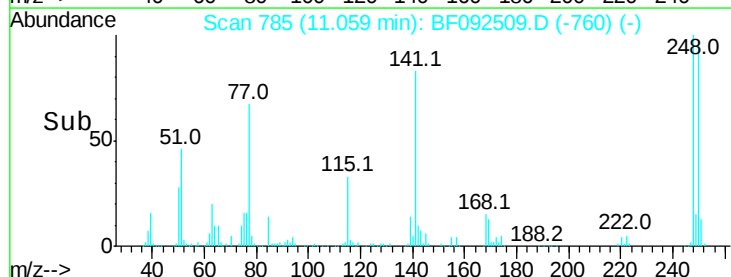
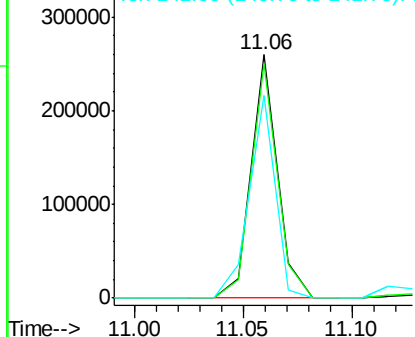


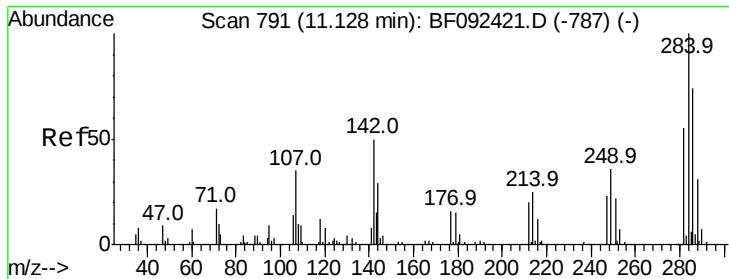
#66
 4-Bromophenyl-phenylether
 Concen: 38.01 ng
 RT: 11.06 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF092509.D
 Acq: 26 Jan 2017 7:34

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.6	76.9	115.3
141	83.4	68.2	102.4



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

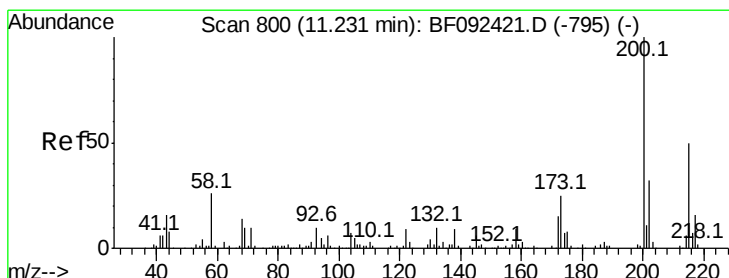
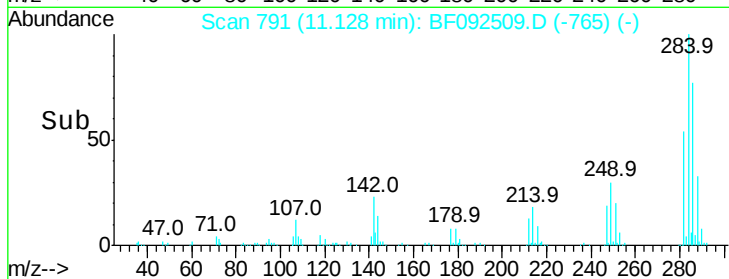
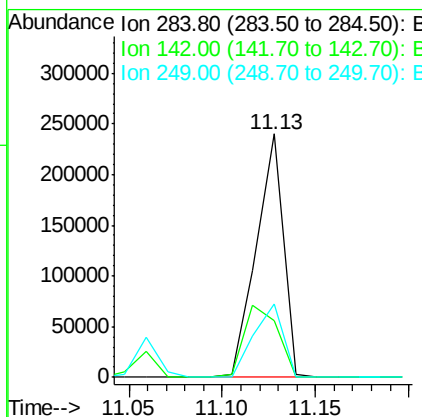
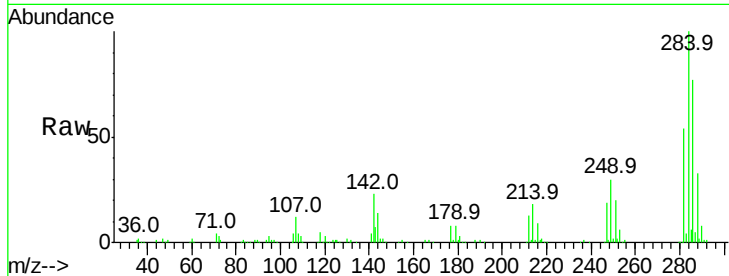




#67
Hexachlorobenzene
Concen: 41.38 ng
RT: 11.13 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF092509.D
Acq: 26 Jan 2017 7:34

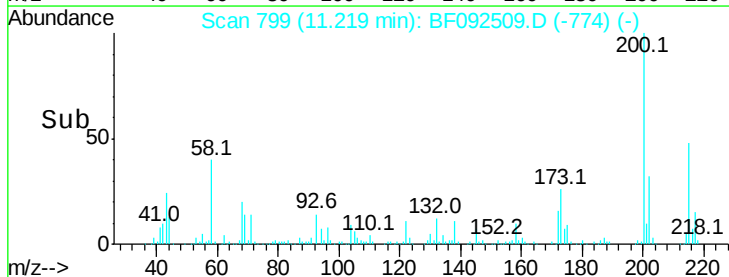
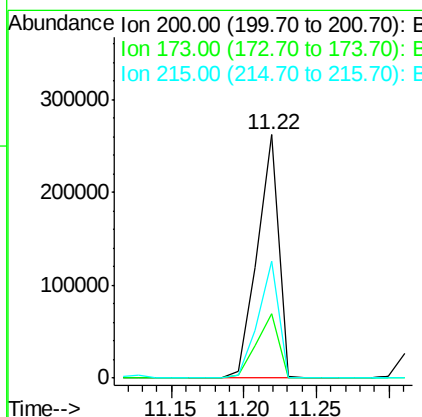
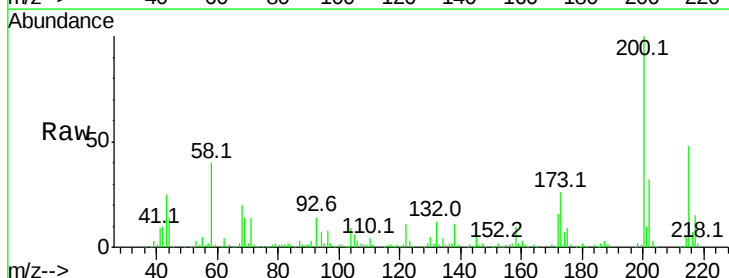
Instrument :
BNA_F
ClientSampleId :

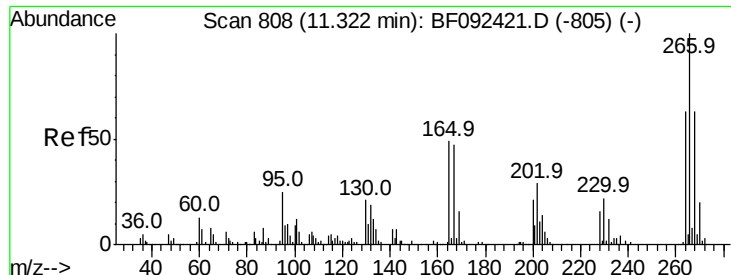
Tot Ion:284 Resp: 240601
Ion Ratio Lower Upper
284 100
142 23.2 22.6 33.8
249 30.2 25.4 38.0



#68
Atrazine
Concen: 44.05 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF092509.D
Acq: 26 Jan 2017 7:34

Tgt Ion:200 Resp: 268235
Ion Ratio Lower Upper
200 100
173 26.5 9.6 49.6
215 47.8 25.7 65.7

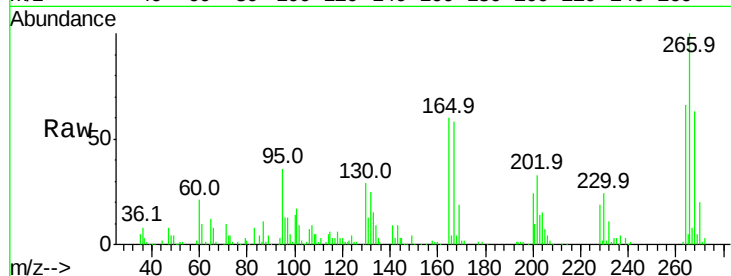




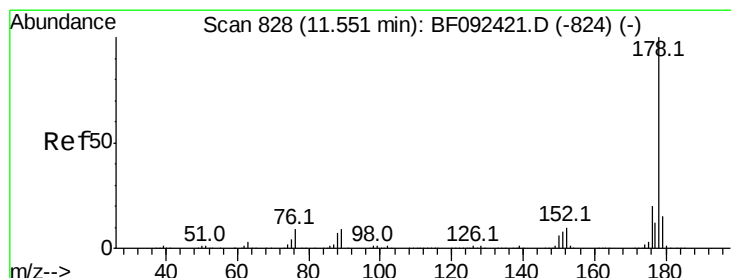
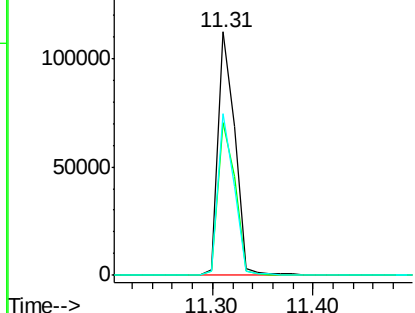
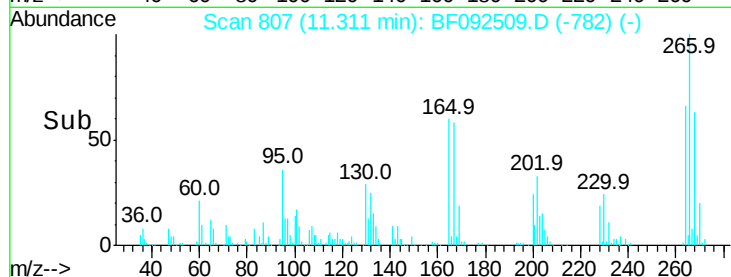
#69
 Pentachlorophenol
 Concen: 35.10 ng
 RT: 11.31 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF092509.D
 Acq: 26 Jan 2017 7:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 130484
 Ion Ratio Lower Upper
 266 100
 268 62.7 53.3 79.9
 264 66.2 50.3 75.5

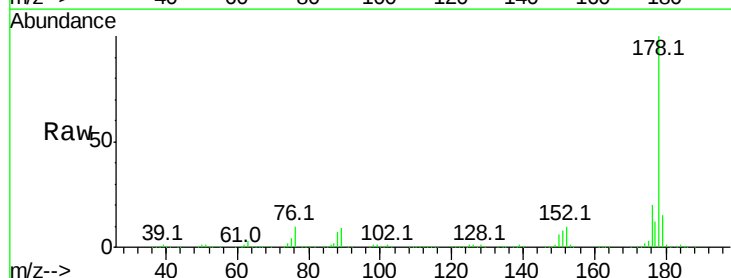


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

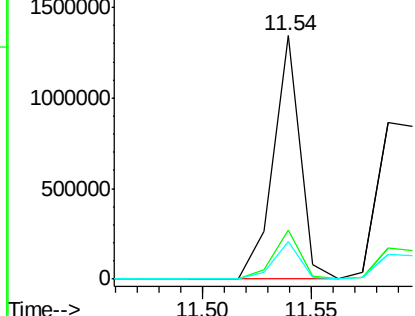
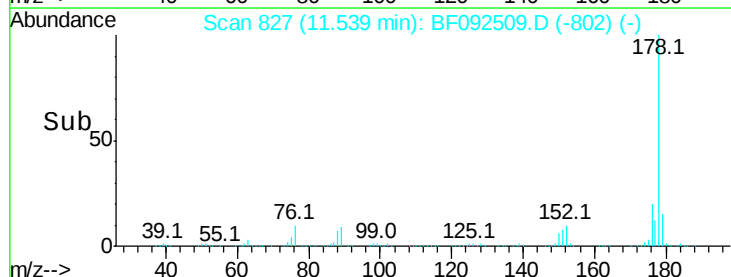


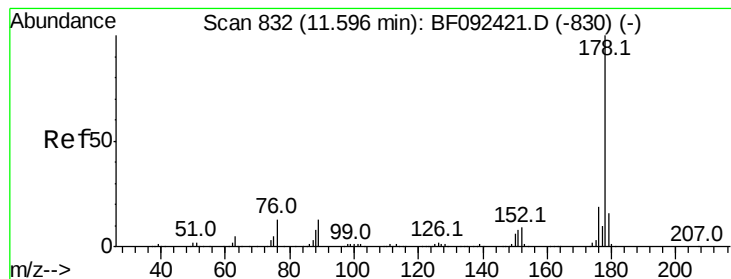
#70
 Phenanthrene
 Concen: 37.02 ng
 RT: 11.54 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF092509.D
 Acq: 26 Jan 2017 7:34

Tgt Ion:178 Resp: 1161465
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.6 25.0
 179 15.4 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 39.45 ng

RT: 11.58 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF092509.D

Acq: 26 Jan 2017 7:34

Instrument :

BNA_F

ClientSampleId :

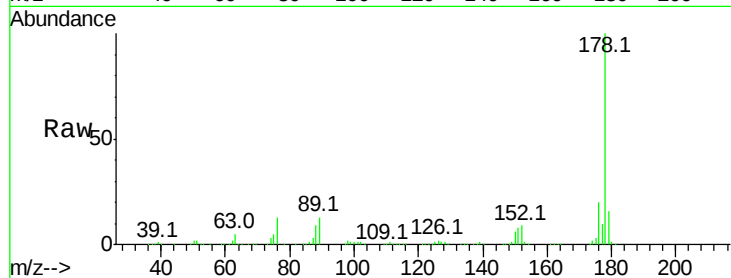
Tot Ion:178 Resp: 1209415

Ion Ratio Lower Upper

178 100

176 19.9 15.9 23.9

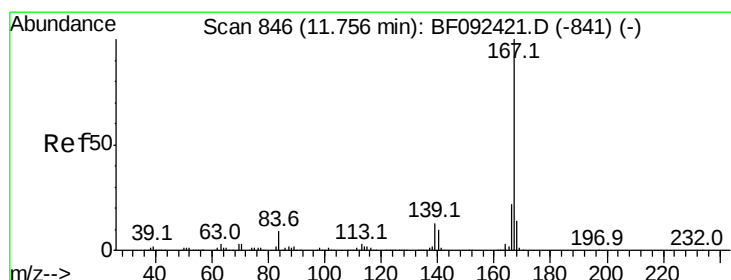
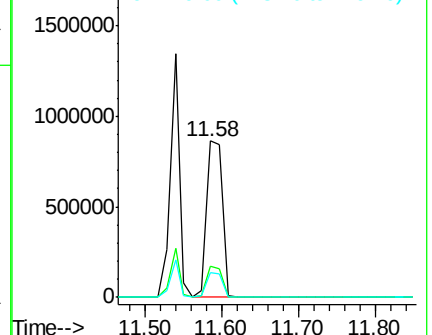
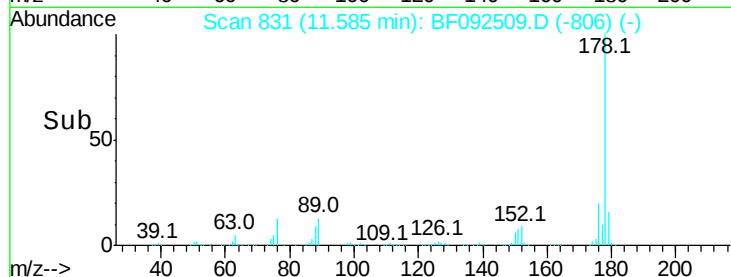
179 15.7 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 37.84 ng

RT: 11.74 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF092509.D

Acq: 26 Jan 2017 7:34

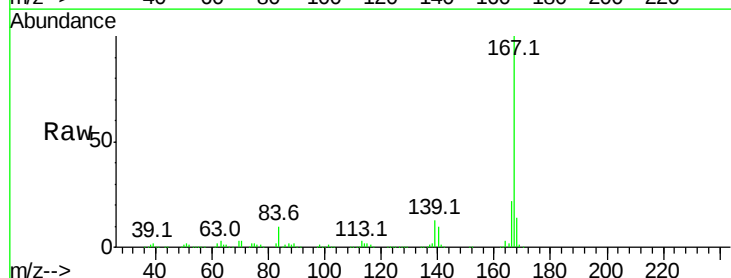
Tgt Ion:167 Resp: 1107891

Ion Ratio Lower Upper

167 100

166 22.4 18.2 27.2

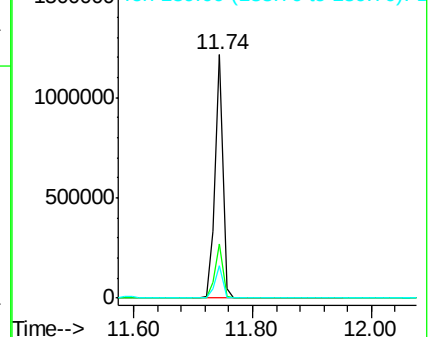
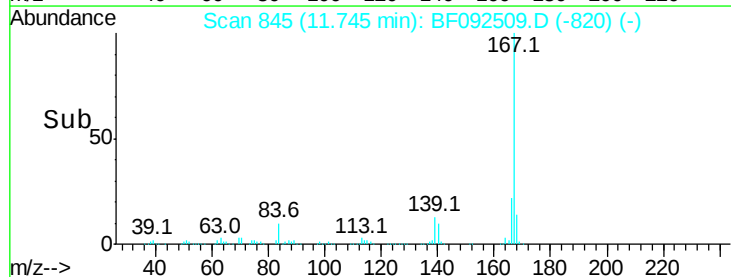
139 13.1 11.4 17.2

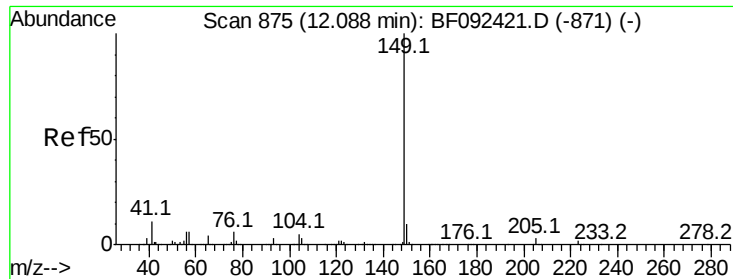


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.31 ng

RT: 12.08 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF092509.D

Acq: 26 Jan 2017 7:34

Instrument :

BNA_F

ClientSampleId :

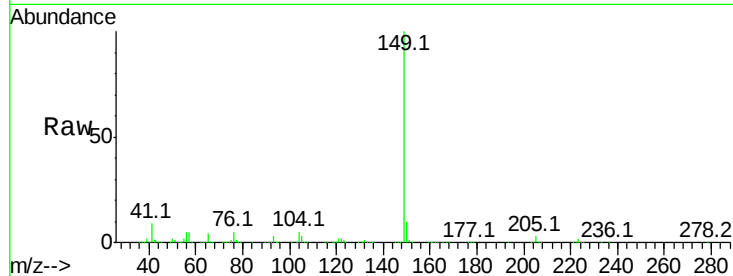
Tot Ion:149 Resp: 1282493

Ion Ratio Lower Upper

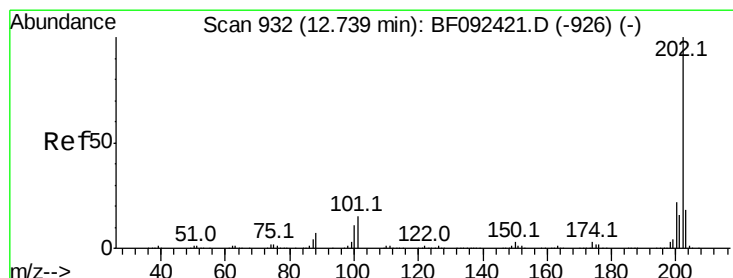
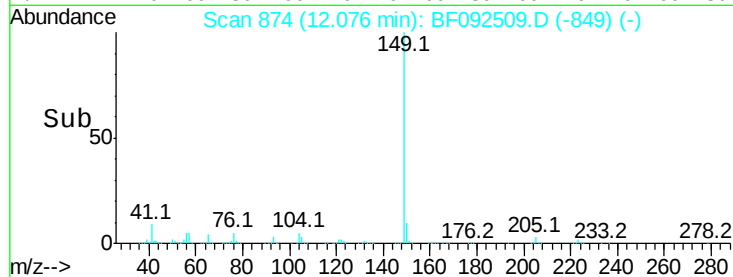
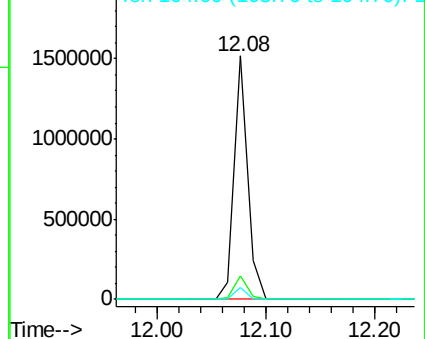
149 100

150 9.5 8.1 12.1

104 4.9 4.6 7.0



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: 38.74 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF092509.D

Acq: 26 Jan 2017 7:34

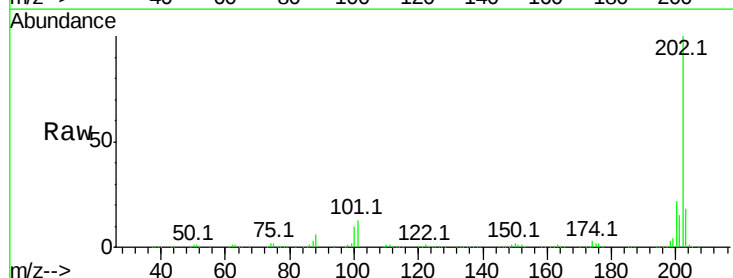
Tgt Ion:202 Resp: 1188748

Ion Ratio Lower Upper

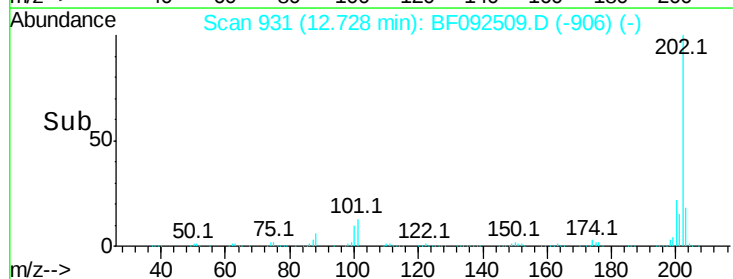
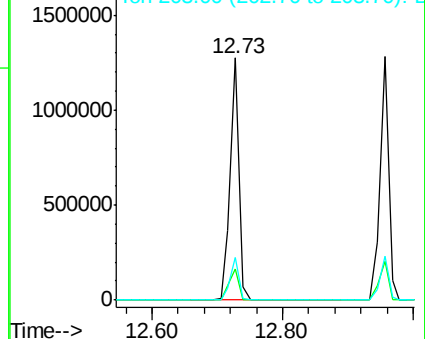
202 100

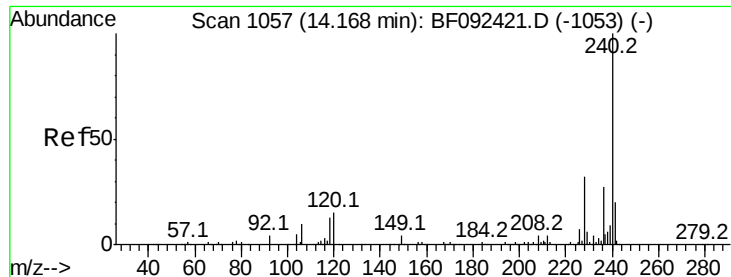
101 12.7 0.0 34.6

203 17.7 0.0 38.7



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: 14.16 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF092509.D

Acq: 26 Jan 2017 7:34

Instrument :

BNA_F

ClientSampleId :

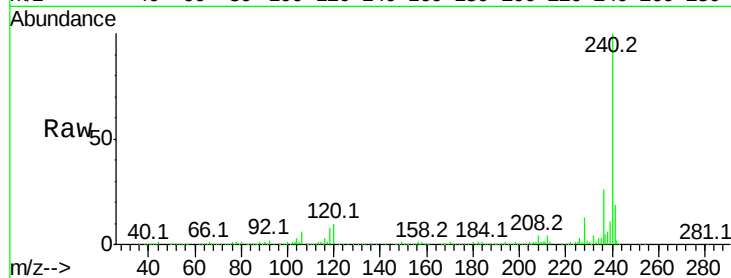
Tot Ion:240 Resp: 410308

Ion Ratio Lower Upper

240 100

120 9.7 12.9 19.3#

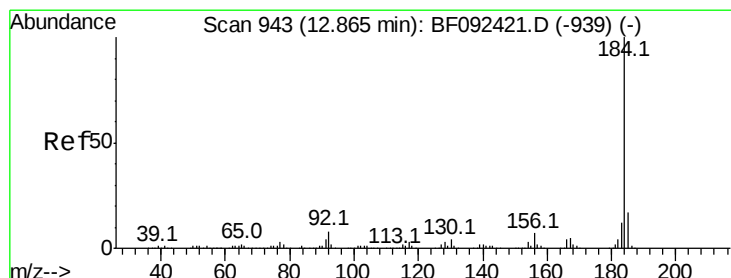
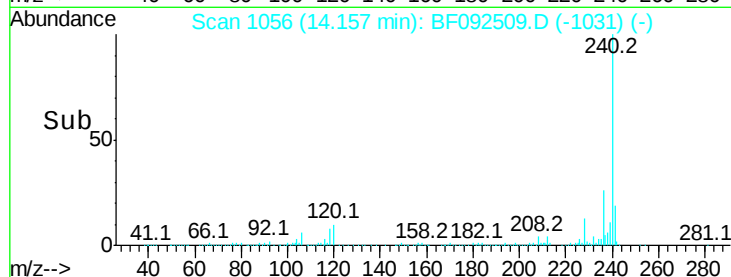
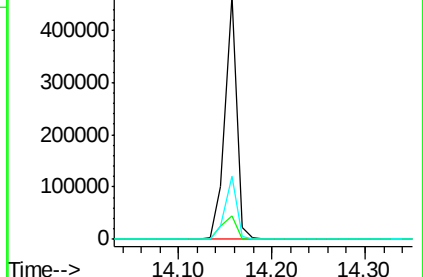
236 26.0 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 35.91 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF092509.D

Acq: 26 Jan 2017 7:34

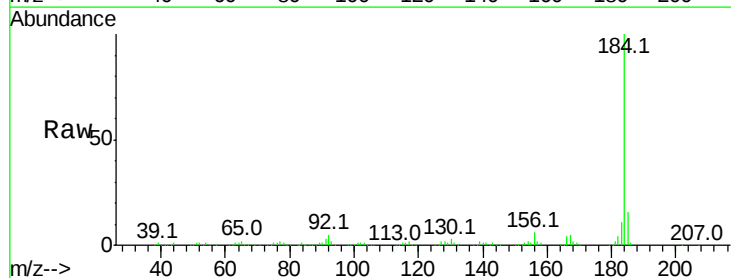
Tgt Ion:184 Resp: 547025

Ion Ratio Lower Upper

184 100

185 15.8 13.4 20.0

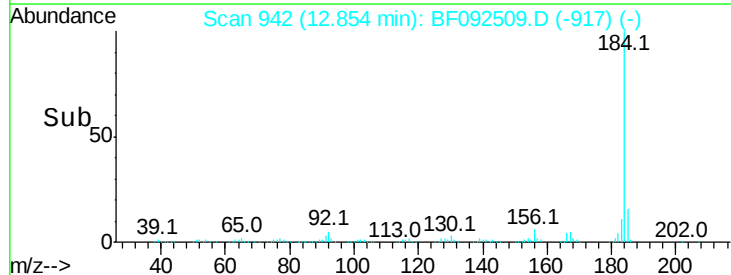
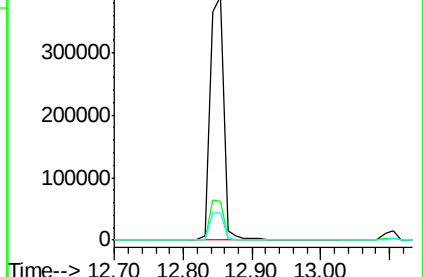
183 11.4 9.2 13.8

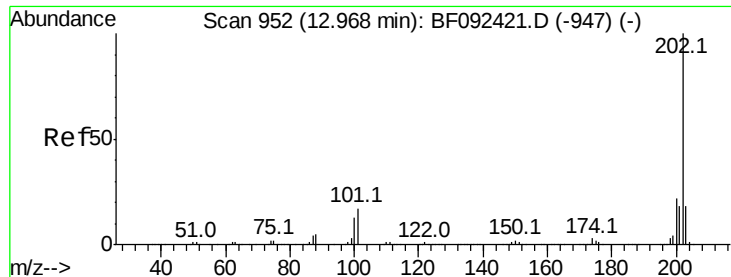


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.40 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF092509.D

Acq: 26 Jan 2017 7:34

Instrument :

BNA_F

ClientSampleId :

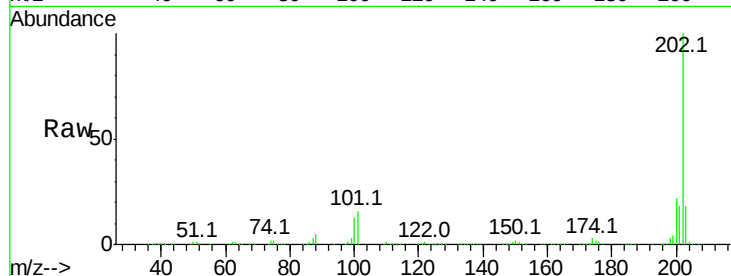
Tot Ion:202 Resp: 1171299

Ion Ratio Lower Upper

202 100

200 22.1 17.7 26.5

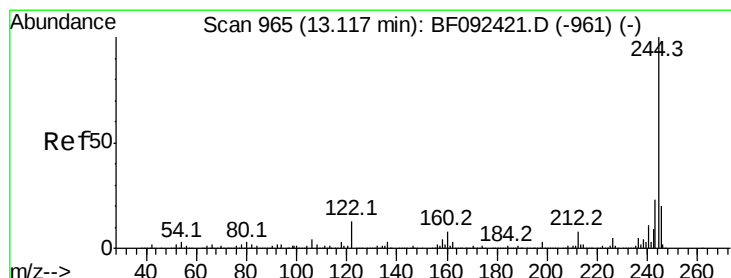
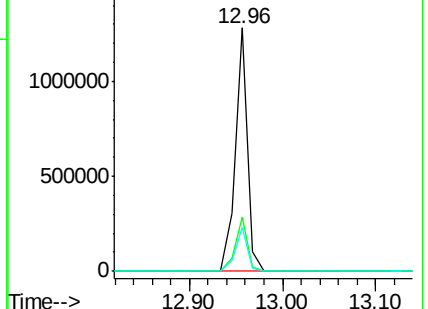
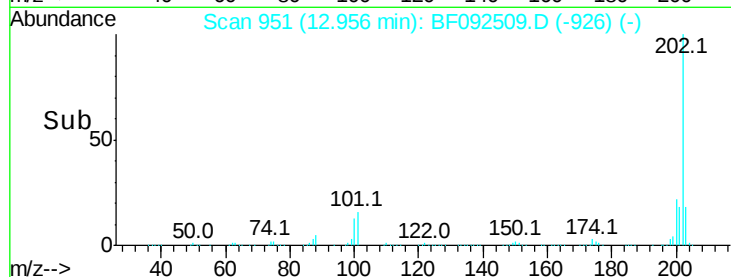
203 17.9 14.7 22.1



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: 89.03 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092509.D

Acq: 26 Jan 2017 7:34

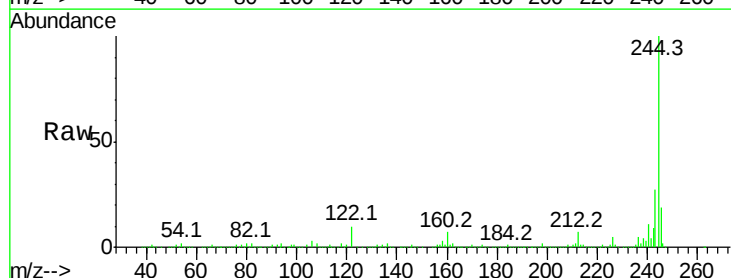
Tgt Ion:244 Resp: 1371799

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

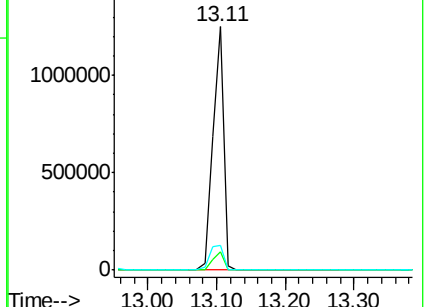
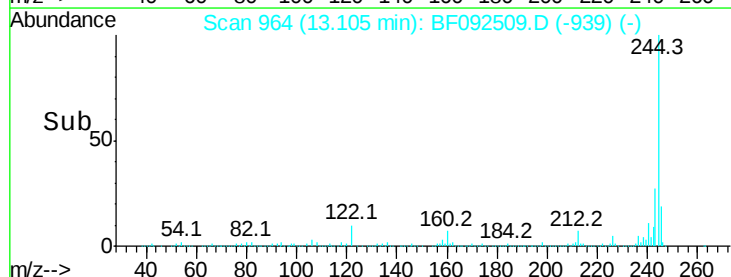
122 10.1 11.4 17.2#

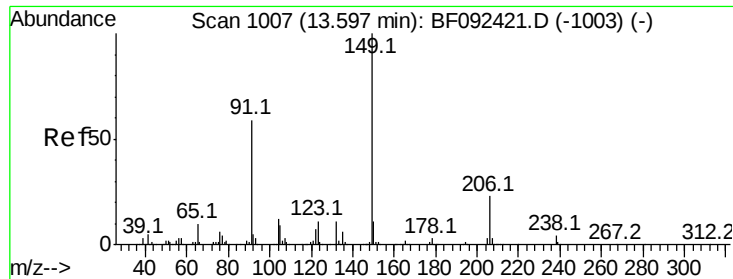


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

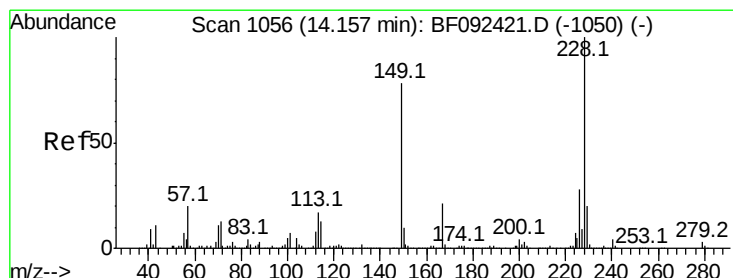
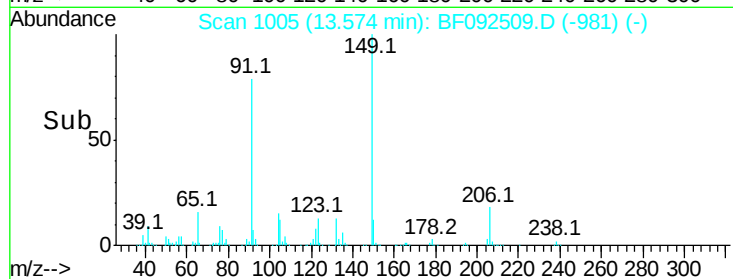
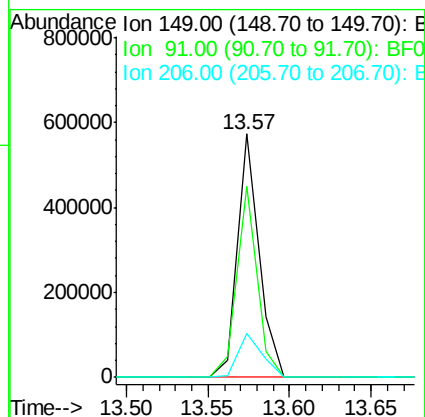
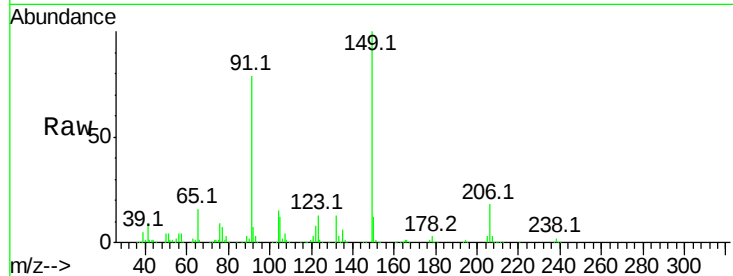




#79
Butylbenzylphthalate
Concen: 43.11 ng
RT: 13.57 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BF092509.D
Acq: 26 Jan 2017 7:34

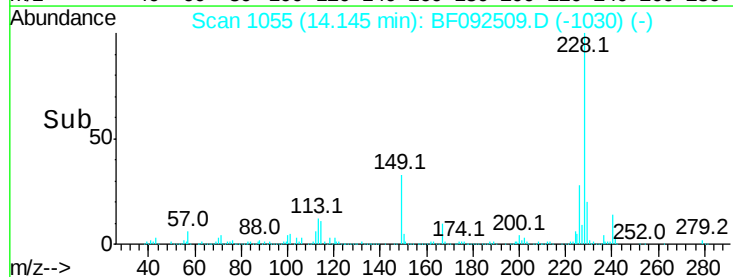
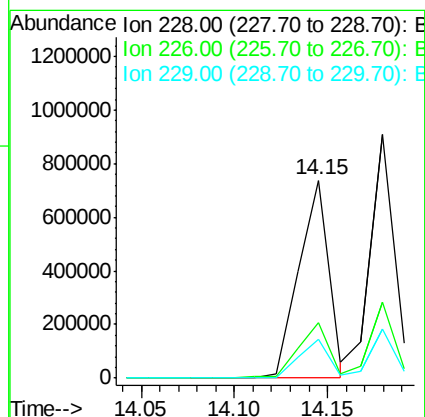
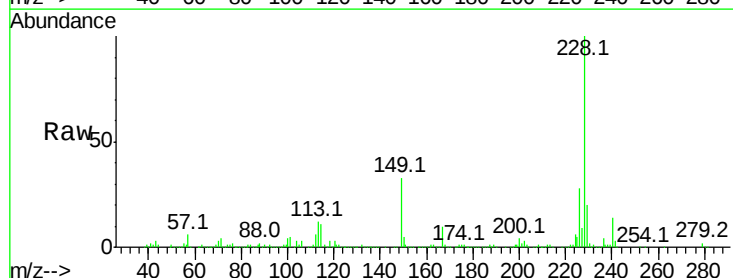
Instrument :
BNA_F
ClientSampleId :

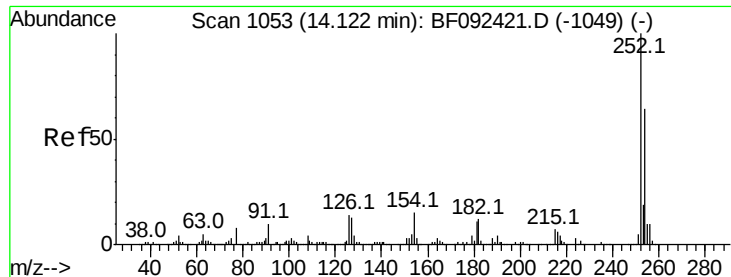
Tot Ion	Ratio	Lower	Upper
149	100		
91	78.6	63.9	95.9
206	18.2	14.6	21.8



#80
Benzo(a)anthracene
Concen: 37.62 ng
RT: 14.15 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF092509.D
Acq: 26 Jan 2017 7:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.4	33.6
229	19.5	16.2	24.4





#81

3,3'-Dichlorobenzidine

Concen: 39.76 ng

RT: 14.11 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF092509.D

Acq: 26 Jan 2017 7:34

Instrument :

BNA_F

ClientSampleId :

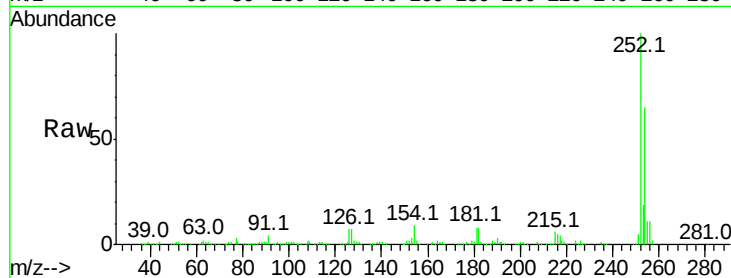
Tot Ion:252 Resp: 332917

Ion Ratio Lower Upper

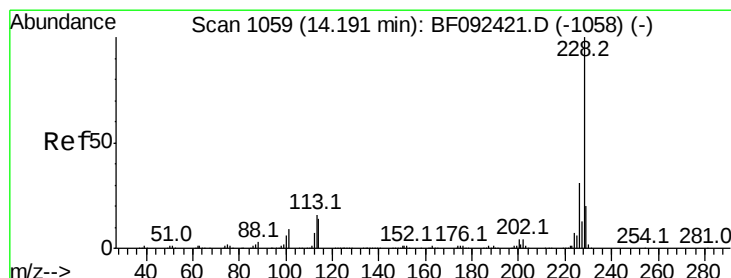
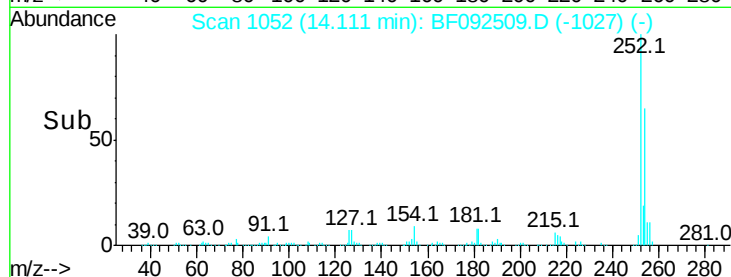
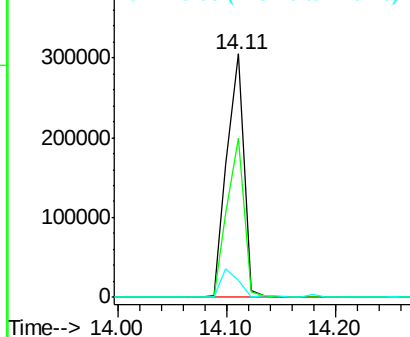
252 100

254 65.3 52.3 78.5

126 7.2 13.6 20.4#



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



#82

Chrysene

Concen: 34.88 ng

RT: 14.18 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BF092509.D

Acq: 26 Jan 2017 7:34

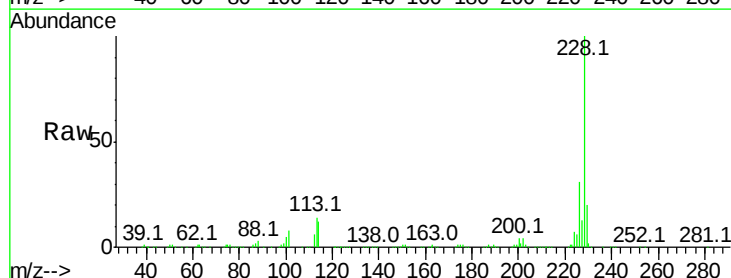
Tgt Ion:228 Resp: 821478

Ion Ratio Lower Upper

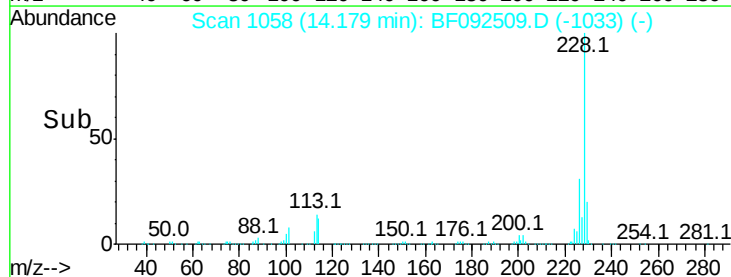
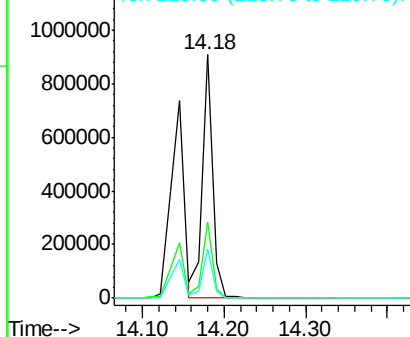
228 100

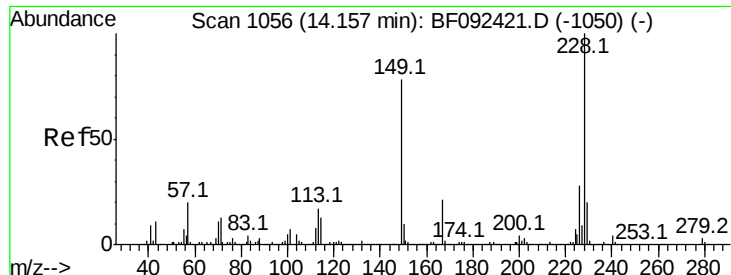
226 31.2 25.4 38.0

229 20.0 16.2 24.2



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

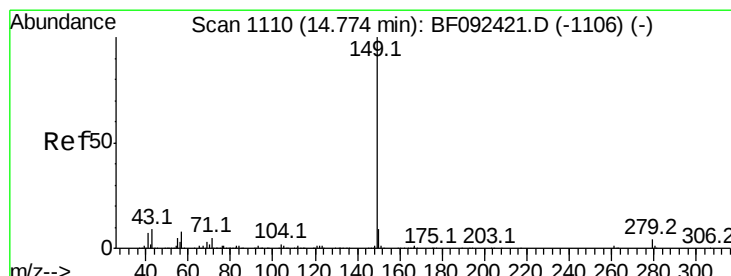
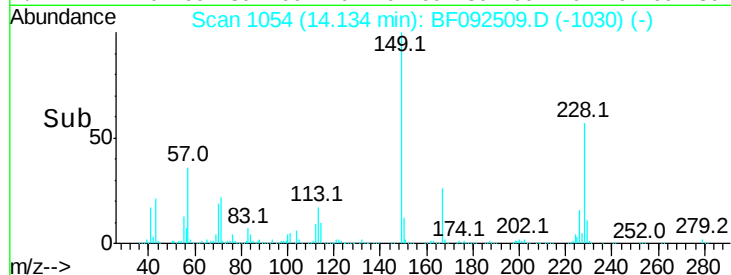
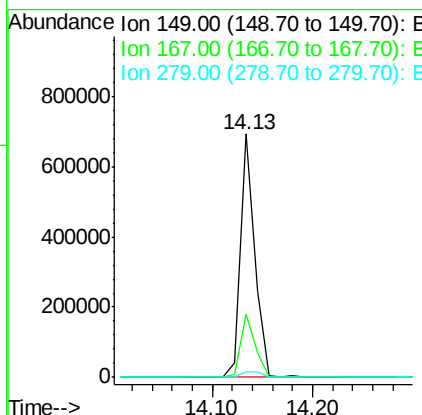
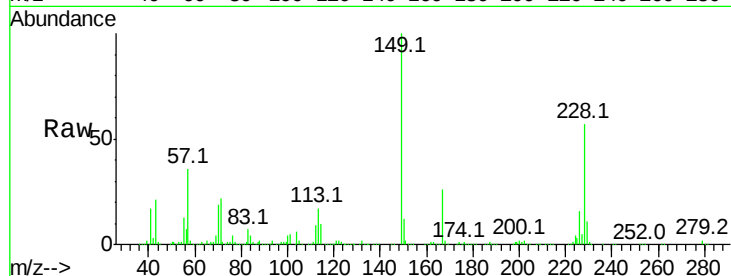




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.84 ng
 RT: 14.13 min Scan# 1054
 Delta R.T. -0.02 min
 Lab File: BF092509.D
 Acq: 26 Jan 2017 7:34

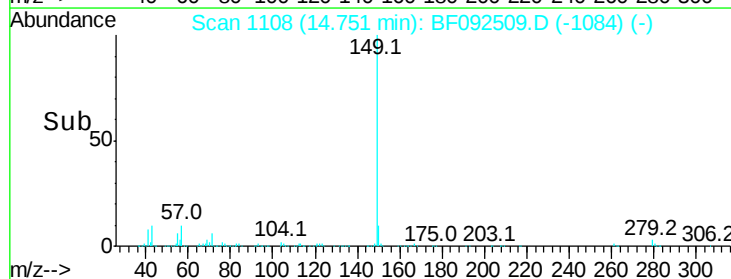
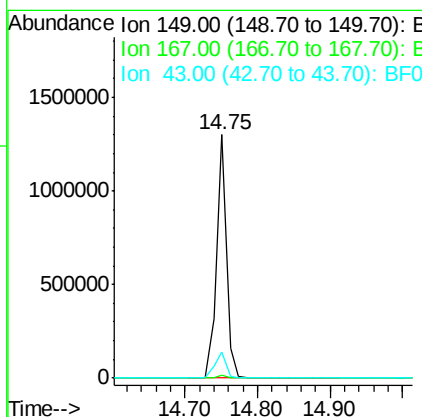
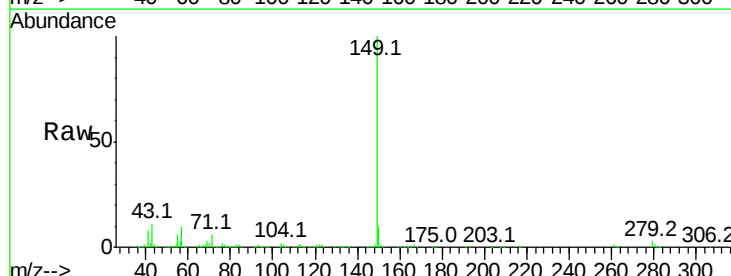
Instrument :
 BNA_F
 ClientSampleId :

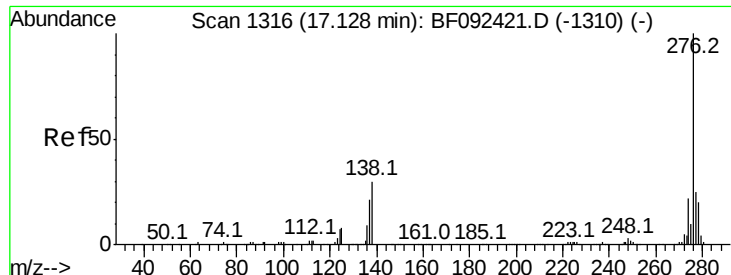
Tot Ion	Ratio	Lower	Upper
149	100		
167	25.9	20.2	30.4
279	2.3	1.8	2.8



#84
 Di-n-octyl phthalate
 Concen: 44.82 ng
 RT: 14.75 min Scan# 1108
 Delta R.T. -0.02 min
 Lab File: BF092509.D
 Acq: 26 Jan 2017 7:34

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	12.0	8.9	13.3

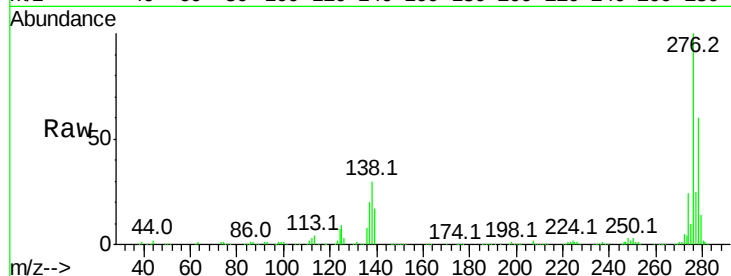




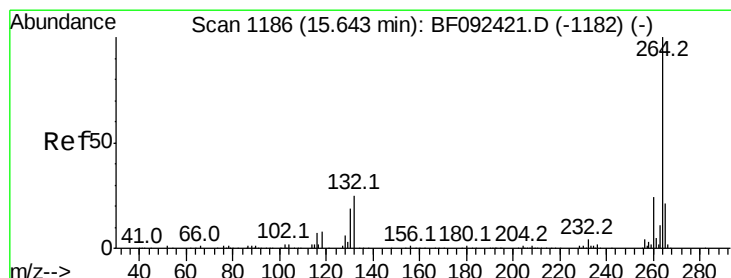
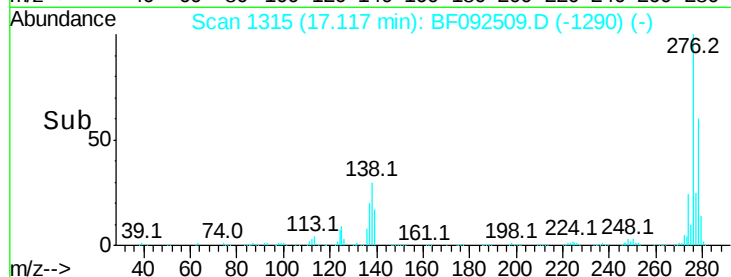
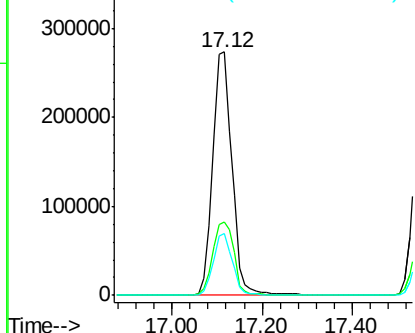
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.32 ng
 RT: 17.12 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF092509.D
 Acq: 26 Jan 2017 7:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 824552
 Ion Ratio Lower Upper
 276 100
 138 33.2 21.8 32.6#
 277 25.1 20.2 30.4

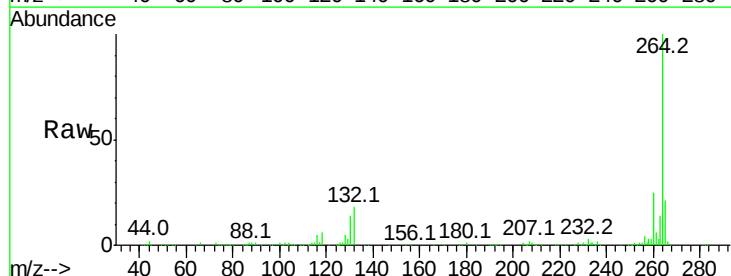


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

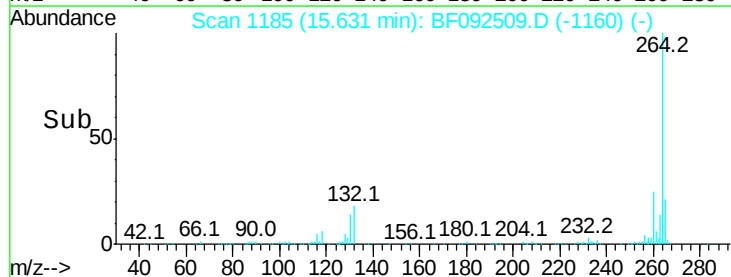
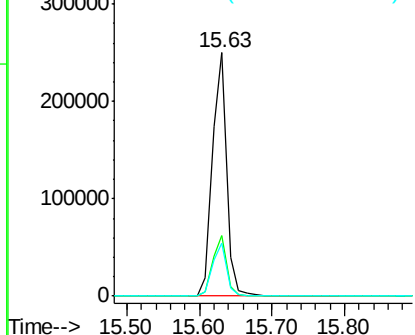


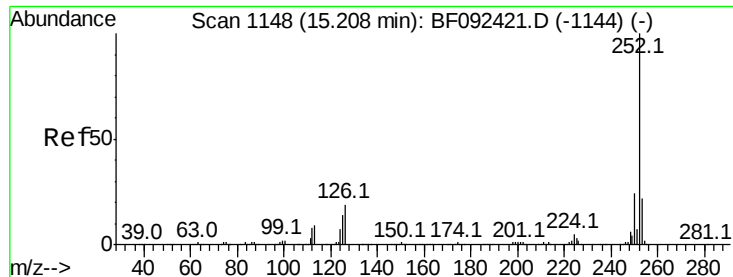
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.63 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF092509.D
 Acq: 26 Jan 2017 7:34

Tgt Ion:264 Resp: 340103
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.2 28.8
 265 21.5 17.4 26.0



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

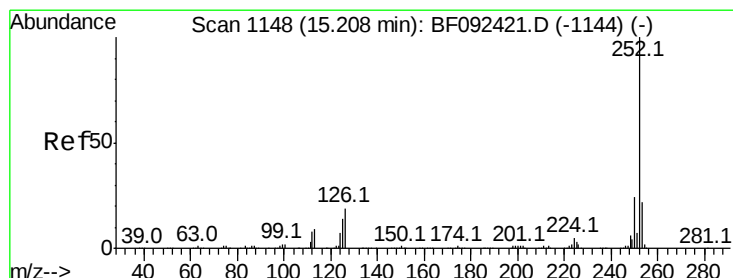
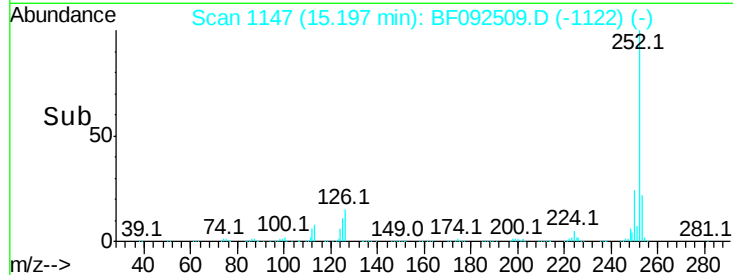
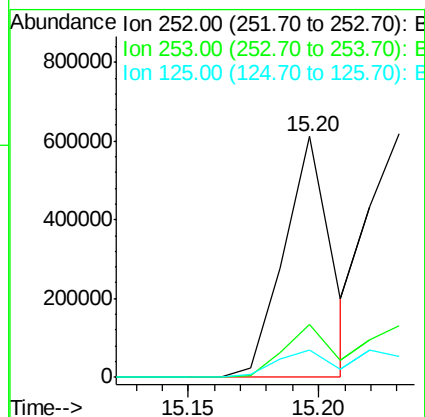
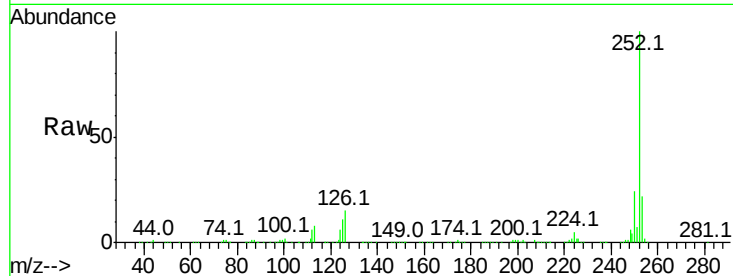




#87
Benzo(b)fluoranthene
Concen: 34.94 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF092509.D
Acq: 26 Jan 2017 7:34

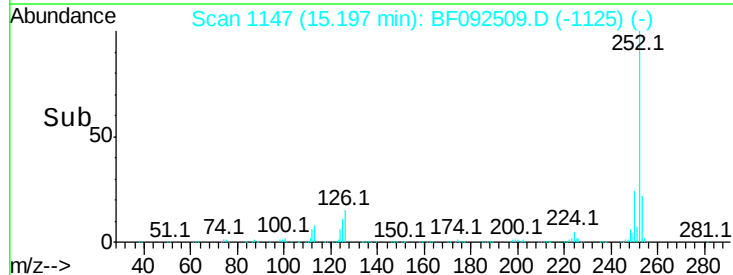
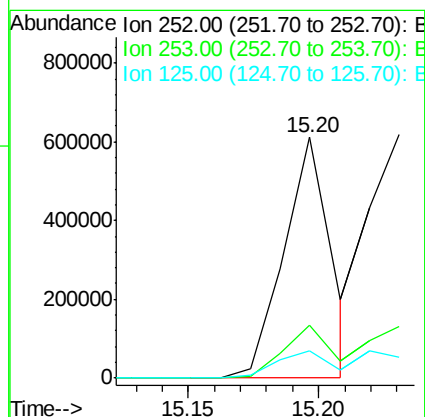
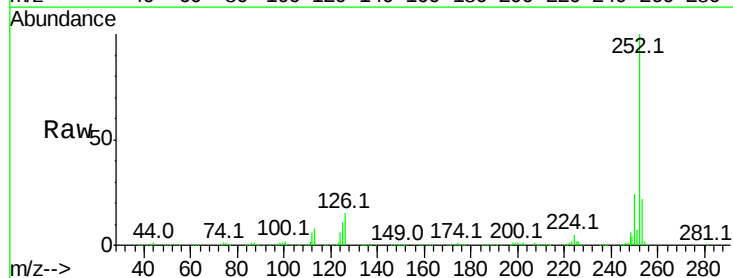
Instrument :
BNA_F
ClientSampleId :

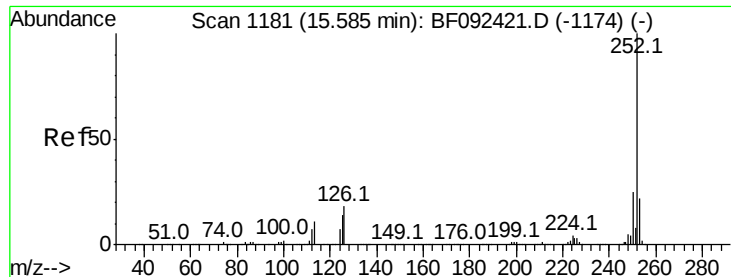
Tot Ion:	252	Resp:	762807
Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	11.4	9.8	14.6



#88
Benzo(k)fluoranthene
Concen: 42.02 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.05 min
Lab File: BF092509.D
Acq: 26 Jan 2017 7:34

Tgt Ion:	252	Resp:	762807
Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.5	27.7
125	11.4	8.9	13.3





#89

Benzo(a)pyrene

Concen: 39.97 ng

RT: 15.56 min Scan# 1179

Delta R.T. -0.02 min

Lab File: BF092509.D

Acq: 26 Jan 2017 7:34

Instrument :

BNA_F

ClientSampleId :

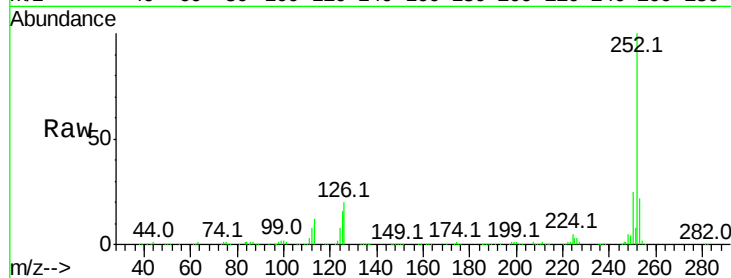
Tot Ion:252 Resp: 738205

Ion Ratio Lower Upper

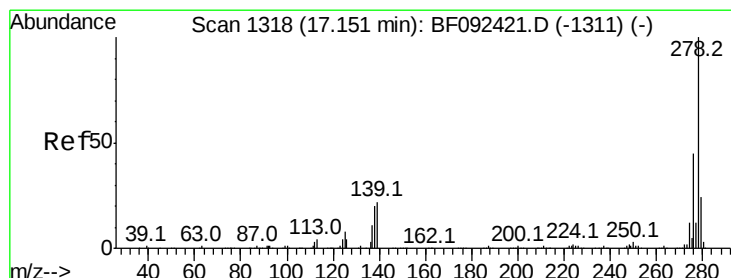
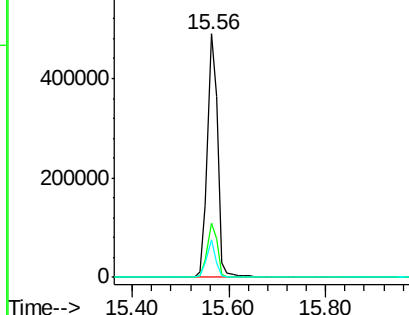
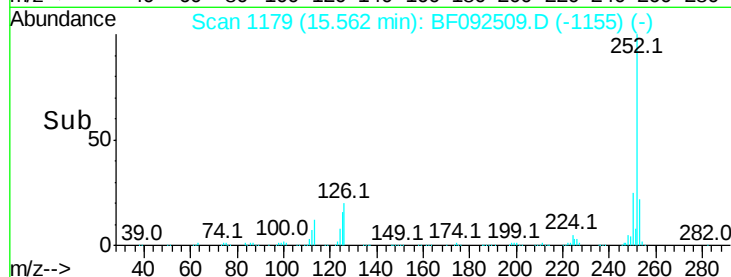
252 100

253 22.0 18.2 27.2

125 15.6 10.0 15.0#



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: 48.52 ng

RT: 17.13 min Scan# 1316

Delta R.T. -0.02 min

Lab File: BF092509.D

Acq: 26 Jan 2017 7:34

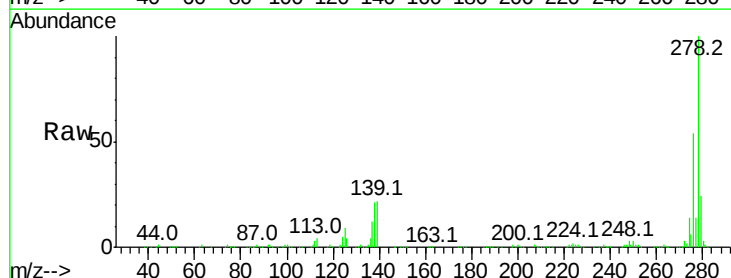
Tgt Ion:278 Resp: 724758

Ion Ratio Lower Upper

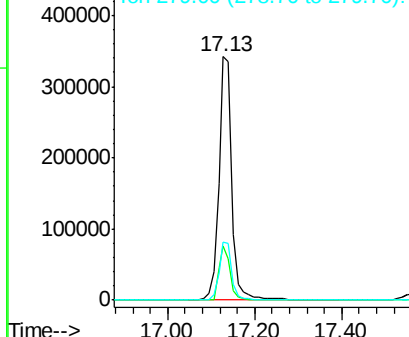
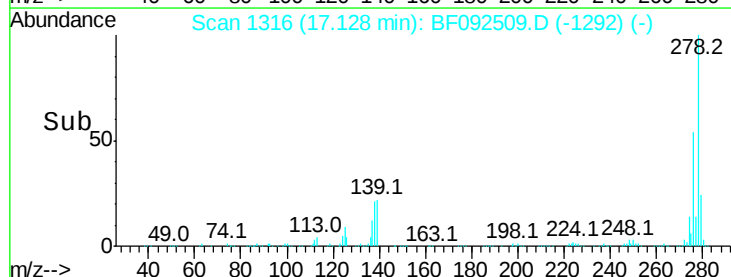
278 100

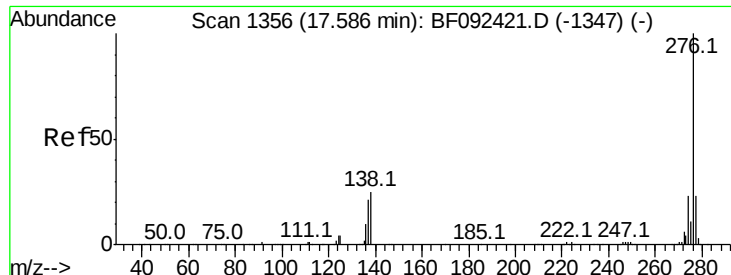
139 22.2 14.8 22.2

279 24.0 19.8 29.6



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: 48.12 ng

RT: 17.56 min Scan# 1354

Delta R.T. -0.02 min

Lab File: BF092509.D

Acq: 26 Jan 2017 7:34

Instrument :

BNA_F

ClientSampleId :

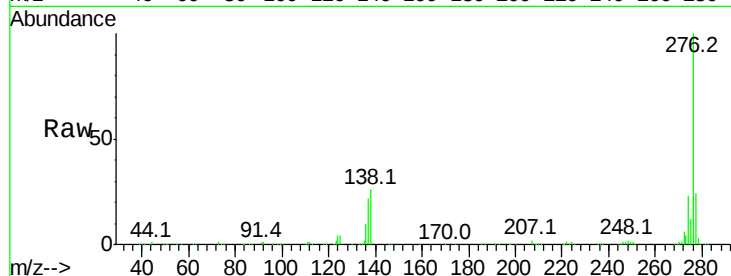
Tot Ion:276 Resp: 726814

Ion Ratio Lower Upper

276 100

277 23.5 19.2 28.8

138 26.2 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

