

Data Path : Z:\HPCHEM1\BNA F\Data\BF012517\
 Data File : BF092471.D
 Acq On : 25 Jan 2017 12:47
 Operator : SJ/MA
 Sample : PB96126BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 25 13:37:50 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	182302	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	736328	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	422427	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	657773	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	538844	20.00	ng	-0.01
86) Perylene-d12	15.63	264	424865	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1241550	105.96	ng	0.02
7) Phenol-d6	6.60	99	1843692	123.53	ng	0.01
23) Nitrobenzene-d5	7.54	82	1127361	83.63	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	331387	115.12	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1918603	83.99	ng	-0.01
78) Terphenyl-d14	13.10	244	1504102	74.33	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.73	88	208501	33.46	ng	# 83
3) Pyridine	3.47	79	605287	34.12	ng	86
4) n-Nitrosodimethylamine	3.42	42	313695	36.04	ng	84
6) Aniline	6.62	93	445996	20.03	ng	# 47
8) 2-Chlorophenol	6.75	128	480676	39.05	ng	91
9) Benzaldehyde	6.51	77	331801	31.33	ng	91
10) Phenol	6.61	94	679014	37.69	ng	# 66
11) bis(2-Chloroethyl)ether	6.70	93	525443	38.98	ng	93
12) 1,3-Dichlorobenzene	6.99	146	584205	40.14	ng	97
13) 1,4-Dichlorobenzene	6.99	146	584205	39.88	ng	94
14) 1,2-Dichlorobenzene	7.14	146	501123	36.06	ng	98
15) Benzyl Alcohol	7.12	79	499435	44.40	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.25	45	986103	36.98	ng	93
17) 2-Methylphenol	7.22	107	448946	42.69	ng	97
18) Hexachloroethane	7.48	117	197396	39.12	ng	# 86
19) n-Nitroso-di-n-propylamine	7.39	70	393506	38.72	ng	94
20) 3+4-Methylphenols	7.38	107	545393	42.75	ng	95
22) Acetophenone	7.38	105	741776	42.30	ng	# 85
24) Nitrobenzene	7.55	77	579398	41.03	ng	98
25) Isophorone	7.80	82	1114286	41.95	ng	98
26) 2-Nitrophenol	7.87	139	268601	45.39	ng	91
27) 2,4-Dimethylphenol	7.92	122	524234	42.60	ng	93
28) bis(2-Chloroethoxy)methane	8.01	93	658302	37.76	ng	98
29) 2,4-Dichlorophenol	8.11	162	463573	43.45	ng	87
30) 1,2,4-Trichlorobenzene	8.20	180	457015	39.63	ng	96
31) Naphthalene	8.28	128	1425994	37.84	ng	99
32) Benzoic acid	8.04	122	349362	38.96	ng	98
33) 4-Chloroaniline	8.33	127	158153	9.92	ng	97
34) Hexachlorobutadiene	8.41	225	258790	41.03	ng	98
35) Caprolactam	8.72	113	98629	27.68	ng	# 65
36) 4-Chloro-3-methylphenol	8.82	107	530583	46.12	ng	94
37) 2-Methylnaphthalene	8.98	142	948330	39.75	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	458803	43.06	ng	99
40) Hexachlorocyclopentadiene	9.14	237	444770	83.35	ng	96

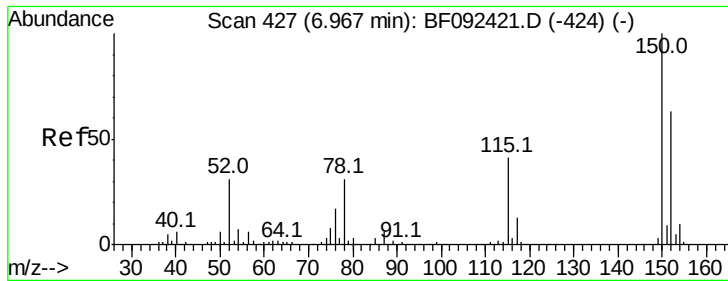
Data Path : Z:\HPCHEM1\BNA F\Data\BF012517\
 Data File : BF092471.D
 Acq On : 25 Jan 2017 12:47
 Operator : SJ/MA
 Sample : PB96126BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 25 13:37:50 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	9.26	196	360346	44.14	nq	95
43) 2,4,5-Trichlorophenol	9.30	196	320119	42.85	nq #	91
45) 1,1'-Biphenyl	9.45	154	1140942	37.36	nq	96
46) 2-Chloronaphthalene	9.47	162	916887	36.76	nq	95
47) 2-Nitroaniline	9.56	65	309337	36.83	nq	92
48) Acenaphthylene	9.89	152	1546294	42.27	nq	99
49) Dimethylphthalate	9.76	163	1169867	43.55	nq	100
50) 2,6-Dinitrotoluene	9.81	165	271101	49.37	nq	95
51) Acenaphthene	10.06	154	1048908	46.14	nq	97
52) 3-Nitroaniline	9.97	138	114382	16.63	nq	93
53) 2,4-Dinitrophenol	10.09	184	285602	78.90	nq #	85
54) Dibenzofuran	10.24	168	1274082	41.28	nq	96
55) 4-Nitrophenol	10.14	139	470585	86.17	nq #	67
56) 2,4-Dinitrotoluene	10.21	165	308227	42.29	nq	95
57) Fluorene	10.58	166	940316	41.09	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.35	232	257006	45.92	nq	99
59) Diethylphthalate	10.45	149	1011472	39.27	nq	99
60) 4-Chlorophenyl-phenylether	10.57	204	426537	38.43	nq	95
61) 4-Nitroaniline	10.60	138	292157	42.48	nq	91
62) Azobenzene	10.73	77	1223569	41.74	nq	96
64) 4,6-Dinitro-2-methylphenol	10.62	198	189383	52.87	nq #	76
65) n-Nitrosodiphenylamine	10.69	169	912618	44.43	nq	99
66) 4-Bromophenyl-phenylether	11.06	248	265749	40.01	nq	93
67) Hexachlorobenzene	11.13	284	274318	40.86	nq	94
68) Atrazine	11.22	200	253439	36.05	nq	99
69) Pentachlorophenol	11.32	266	335522	78.17	nq	97
70) Phenanthrene	11.54	178	1380023	38.10	nq	99
71) Anthracene	11.60	178	1530002	43.22	nq	99
72) Carbazole	11.74	167	1241906	36.74	nq	100
73) Di-n-butylphthalate	12.09	149	1701425	44.02	nq #	96
74) Fluoranthene	12.73	202	1393553	39.33	nq	99
76) Benzidine	12.85	184	523236	26.16	nq	97
77) Pyrene	12.96	202	1409650	36.11	nq	99
79) Butylbenzylphthalate	13.57	149	708100	44.77	nq	93
80) Benzo(a)anthracene	14.15	228	1161042	40.09	nq	99
81) 3,3'-Dichlorobenzidine	14.11	252	186789	16.99	nq #	94
82) Chrysene	14.18	228	1086042	35.12	nq	99
83) Bis(2-ethylhexyl)phthalate	14.13	149	839870	42.16	nq	100
84) Di-n-octyl phthalate	14.75	149	1604888	44.38	nq	98
85) Indeno(1,2,3-cd)pyrene	17.12	276	975788	42.64	nq	94
87) Benzo(b)fluoranthene	15.20	252	1325886	48.61	nq	98
88) Benzo(k)fluoranthene	15.20	252	1325886	58.46	nq #	96
89) Benzo(a)pyrene	15.57	252	1026525	44.49	nq	98
90) Dibenzo(a,h)anthracene	17.14	278	818356	43.86	nq	98
91) Benzo(g,h,i)perylene	17.56	276	823129	43.62	nq #	91

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

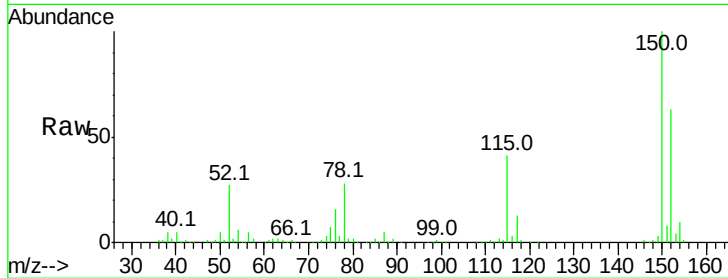


#1

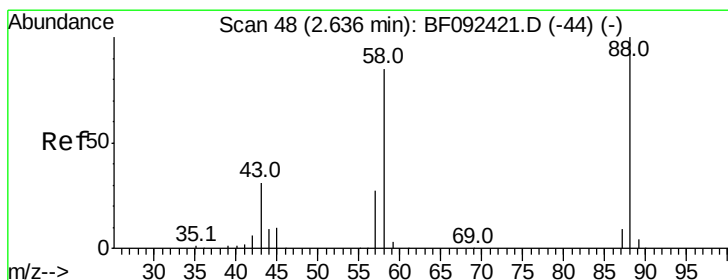
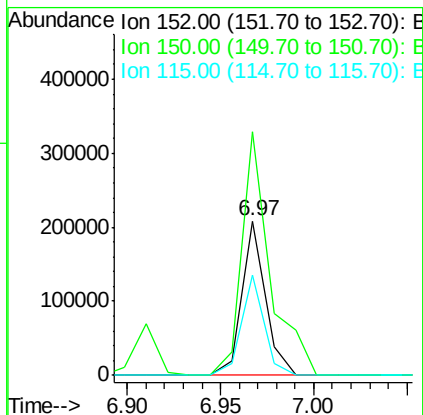
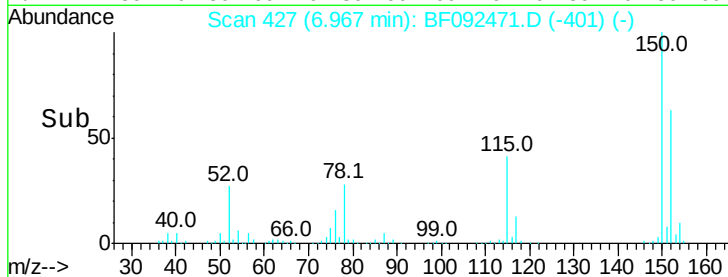
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF092471.D
Acq: 25 Jan 2017 12:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 182302
Ion Ratio Lower Upper
152 100
150 157.5 124.9 187.3
115 64.5 46.0 69.0



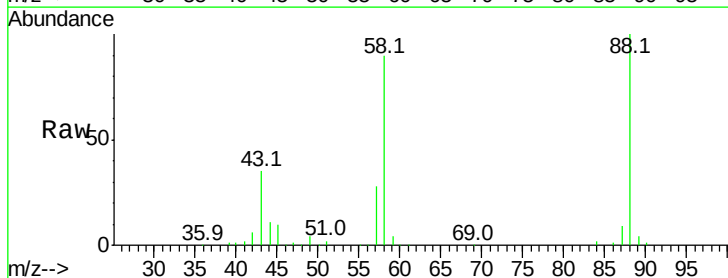
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



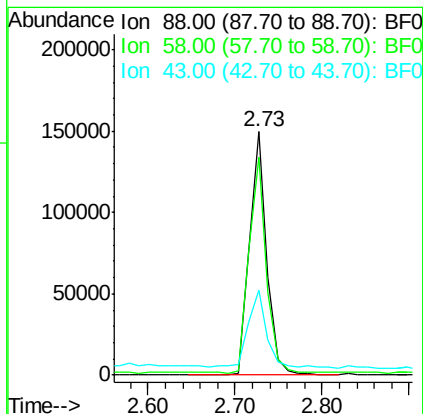
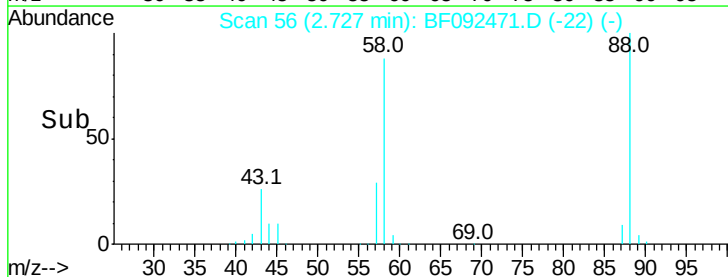
#2

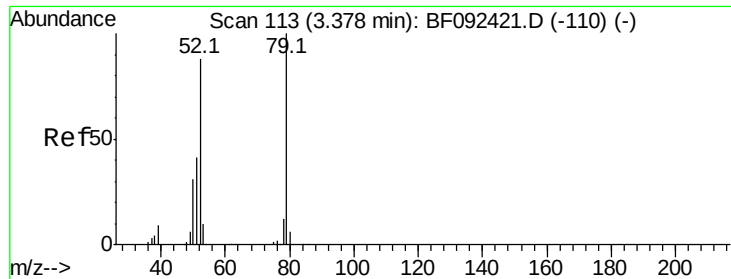
1,4-Dioxane
Concen: 33.46 ng
RT: 2.73 min Scan# 56
Delta R.T. 0.09 min
Lab File: BF092471.D
Acq: 25 Jan 2017 12:47

Tgt Ion: 88 Resp: 208501
Ion Ratio Lower Upper
88 100
58 88.5 57.8 86.8#
43 34.4 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: 34.12 ng

RT: 3.47 min Scan# 121

Delta R.T. 0.09 min

Lab File: BF092471.D

Acq: 25 Jan 2017 12:47

Instrument :

BNA_F

ClientSampleId :

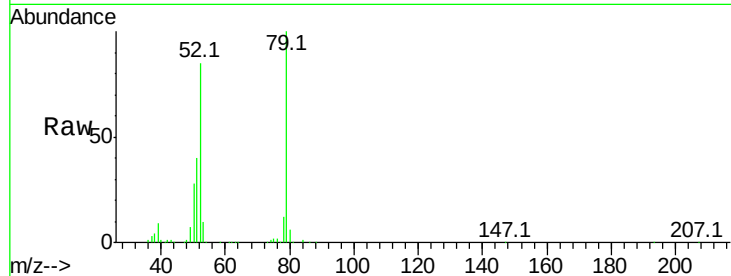
Tot Ion: 79 Resp: 605287

Ion Ratio Lower Upper

79 100

52 84.5 57.1 85.7

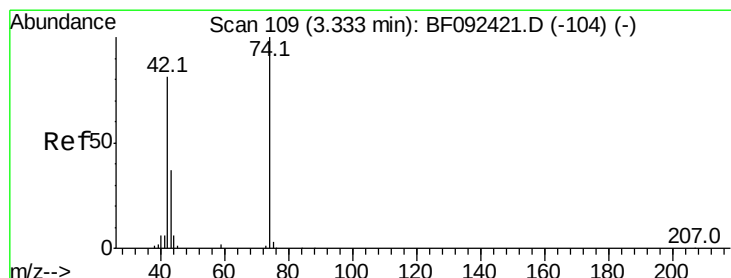
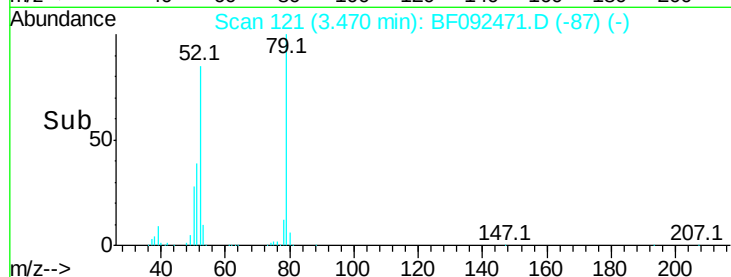
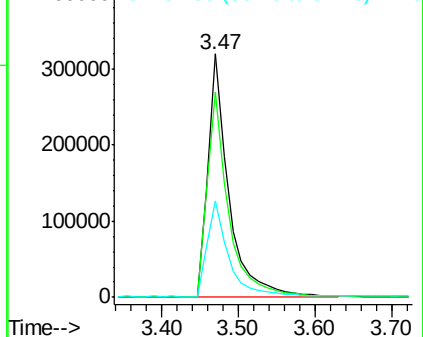
51 39.7 27.3 40.9



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: 36.04 ng

RT: 3.42 min Scan# 117

Delta R.T. 0.09 min

Lab File: BF092471.D

Acq: 25 Jan 2017 12:47

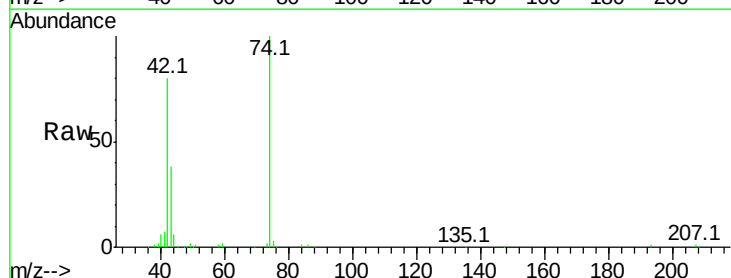
Tgt Ion: 42 Resp: 313695

Ion Ratio Lower Upper

42 100

74 125.3 117.0 175.4

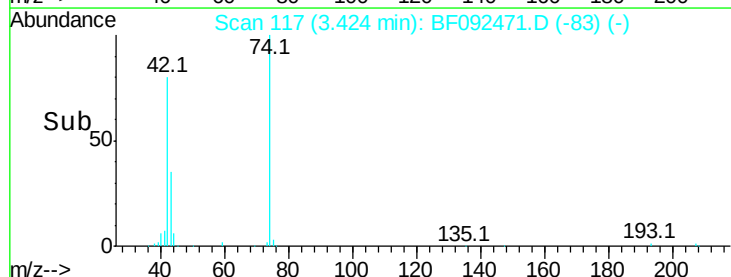
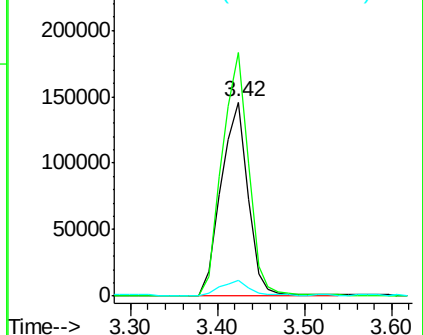
44 7.9 5.5 8.3

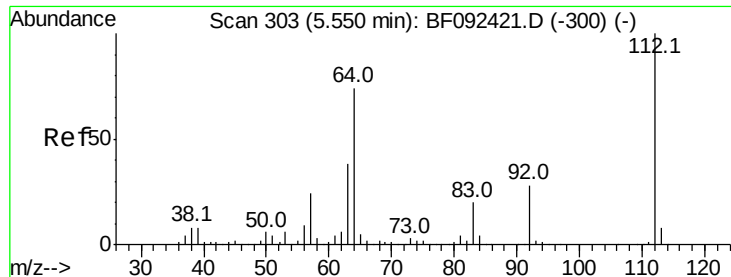


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 105.96 ng

RT: 5.57 min Scan# 305

Delta R.T. 0.02 min

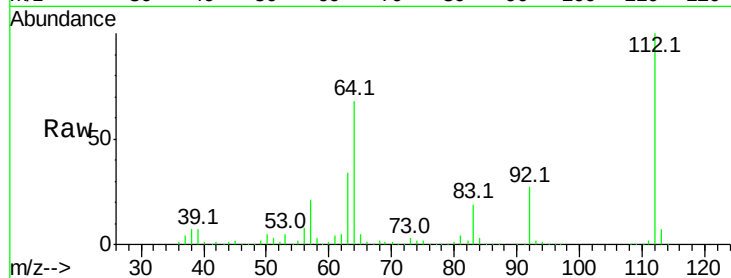
Lab File: BF092471.D

Acq: 25 Jan 2017 12:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:112 Resp: 1241550

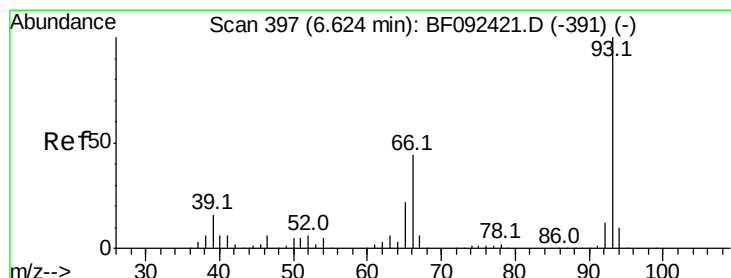
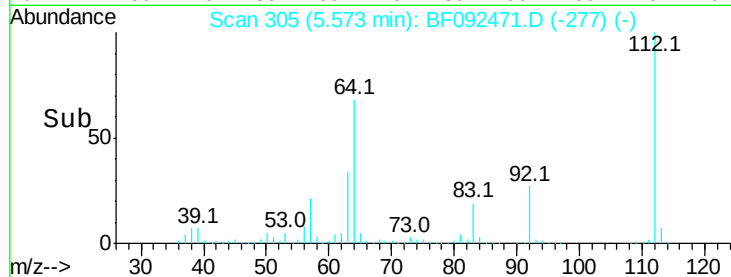
Ion	Ratio	Lower	Upper
112	100		
64	67.6	46.1	69.1
63	34.2	23.8	35.6



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: 20.03 ng

RT: 6.62 min Scan# 397

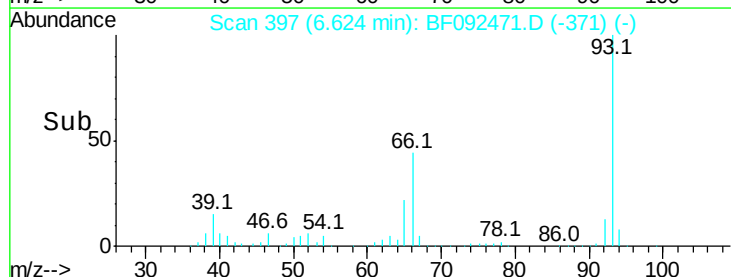
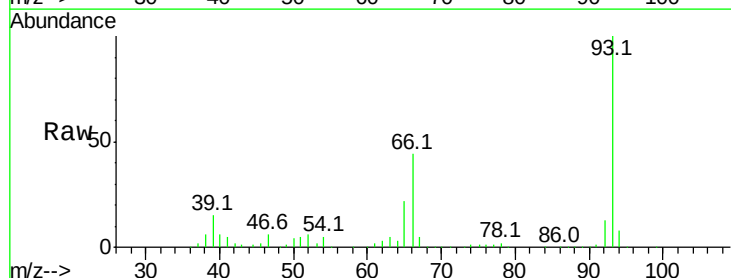
Delta R.T. -0.00 min

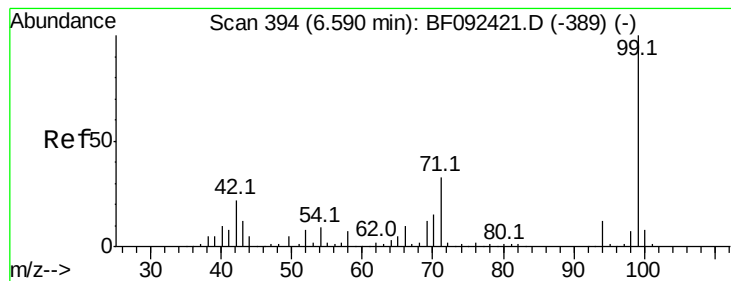
Lab File: BF092471.D

Acq: 25 Jan 2017 12:47

Tgt Ion: 93 Resp: 445996

Ion	Ratio	Lower	Upper
93	100		
66	43.8	76.2	114.2#
65	21.6	49.3	73.9#





#7

Phenol-d6

Concen: 123.53 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.01 min

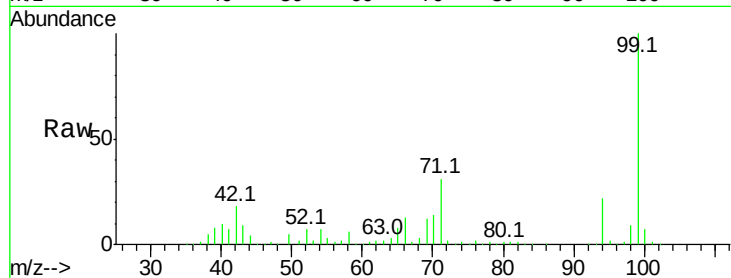
Lab File: BF092471.D

Acq: 25 Jan 2017 12:47

Instrument :
BNA_F
ClientSampled :

Tot Ion: 99 Resp: 1843692

Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.6	23.4
71	30.6	27.5	41.3

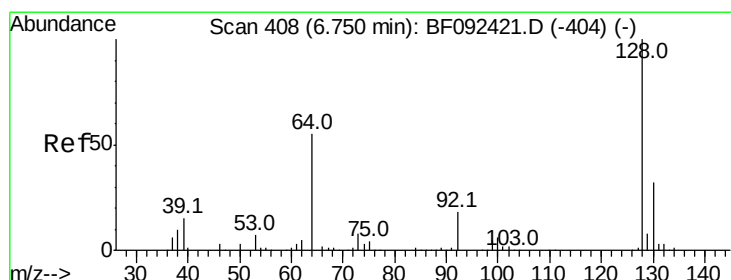
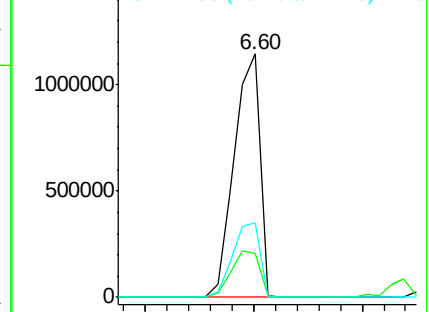
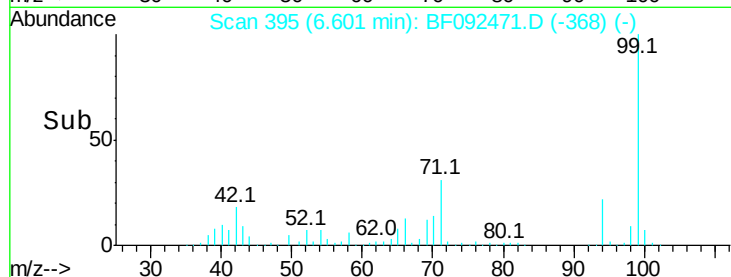


Abundance

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: 39.05 ng

RT: 6.75 min Scan# 408

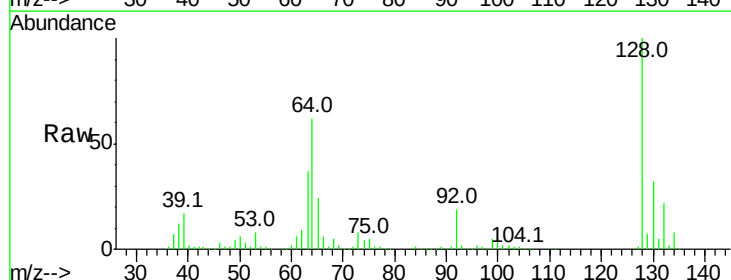
Delta R.T. -0.00 min

Lab File: BF092471.D

Acq: 25 Jan 2017 12:47

Tgt Ion:128 Resp: 480676

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.3	52.3
64	62.4	32.2	72.2

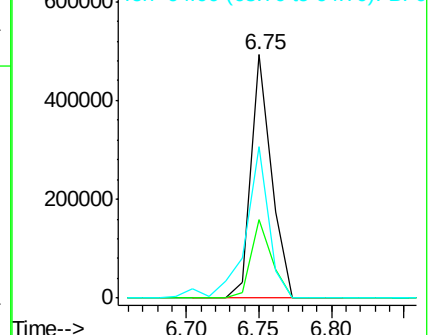
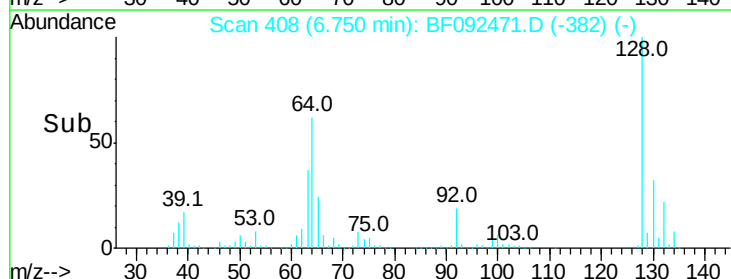


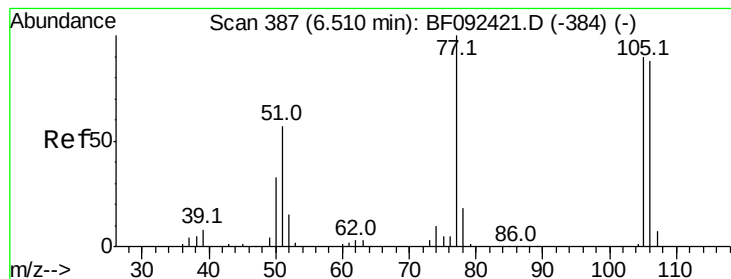
Abundance

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: 31.33 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF092471.D

Acq: 25 Jan 2017 12:47

Instrument :

BNA_F

ClientSampled :

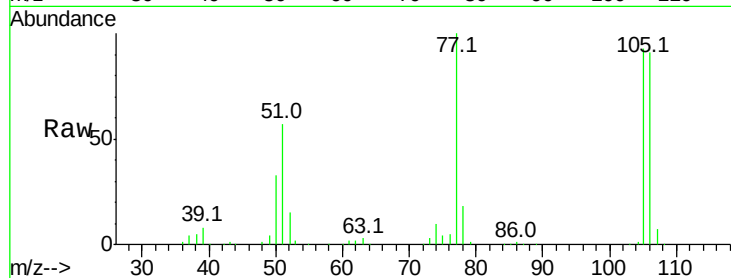
Tot Ion: 77 Resp: 331801

Ion Ratio Lower Upper

77 100

105 92.9 83.9 123.9

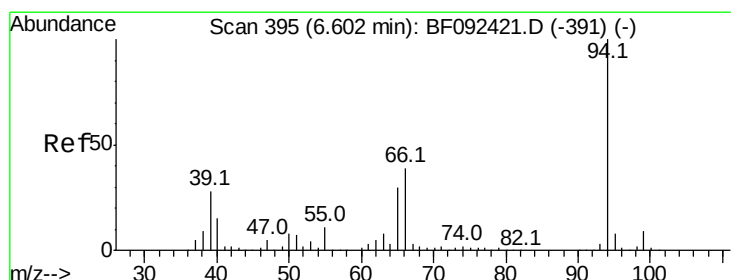
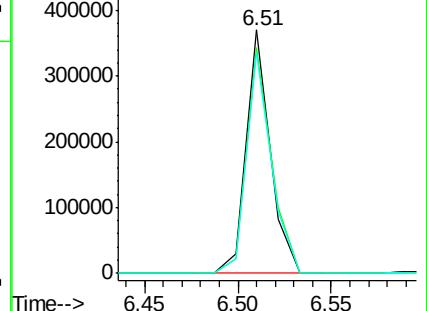
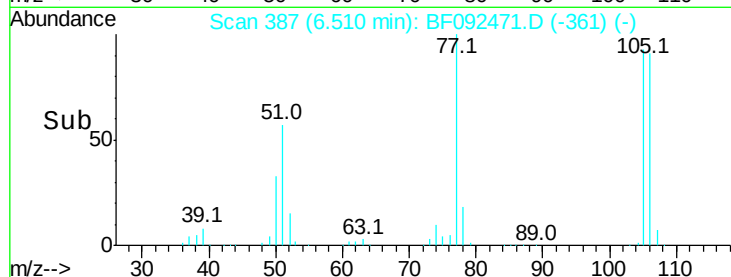
106 90.7 77.6 117.6



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: 37.69 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.01 min

Lab File: BF092471.D

Acq: 25 Jan 2017 12:47

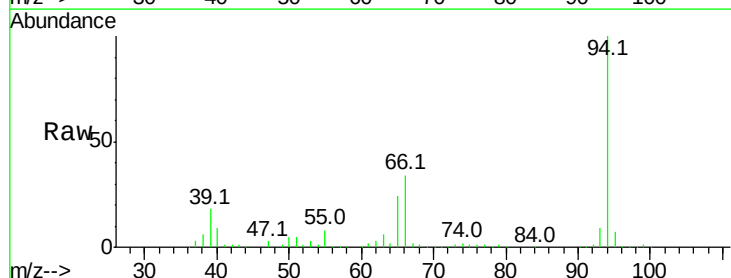
Tgt Ion: 94 Resp: 679014

Ion Ratio Lower Upper

94 100

65 24.4 21.4 61.4

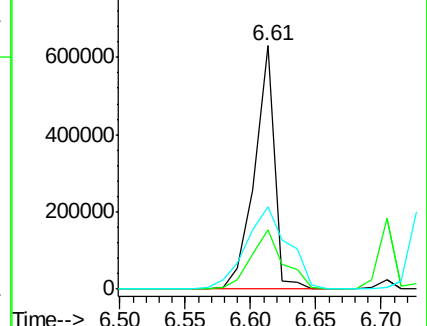
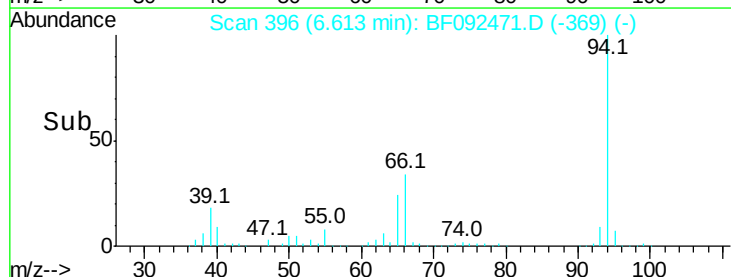
66 33.6 44.0 84.0#

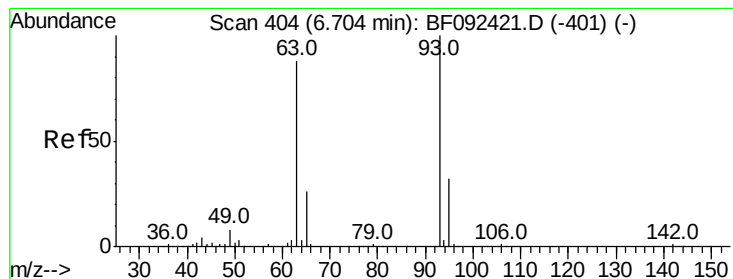


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

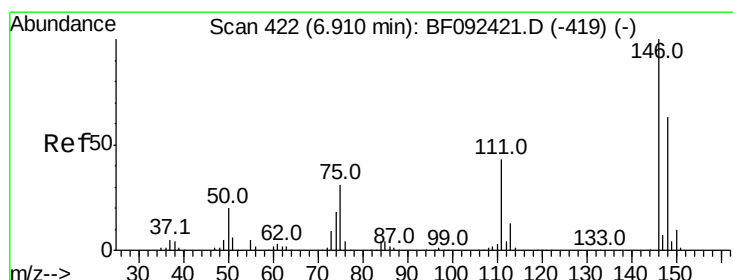
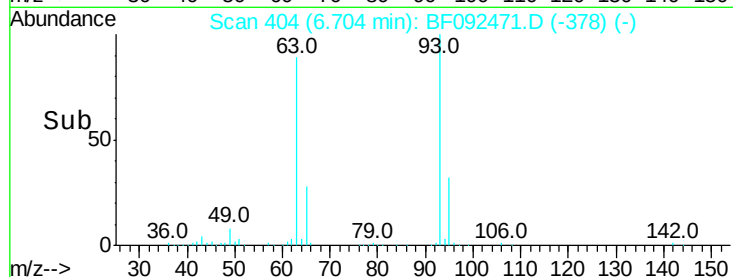
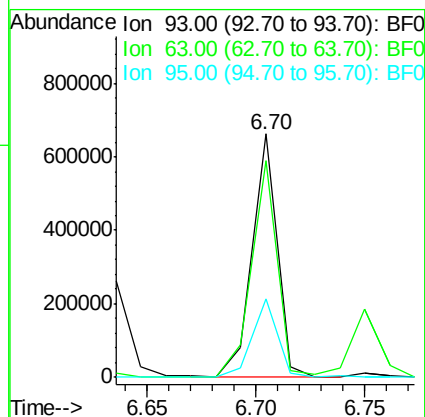
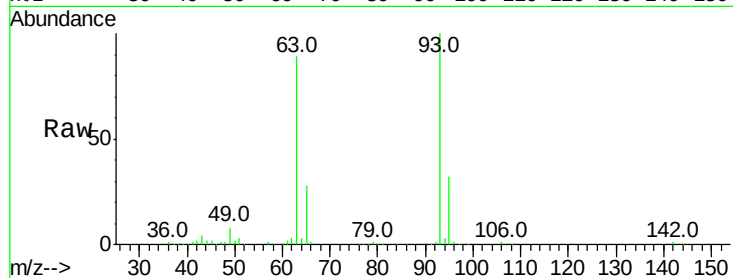




#11
 bis(2-Chloroethyl)ether
 Concen: 38.98 ng
 RT: 6.70 min Scan# 404
 Delta R.T. -0.00 min
 Lab File: BF092471.D
 Acq: 25 Jan 2017 12:47

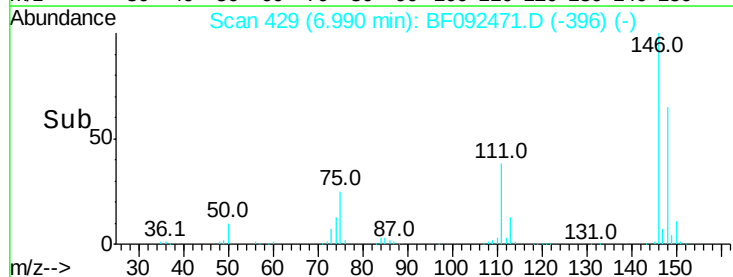
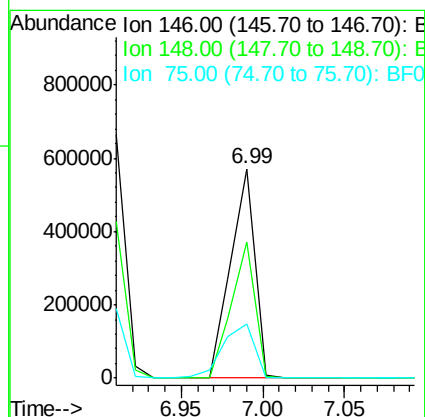
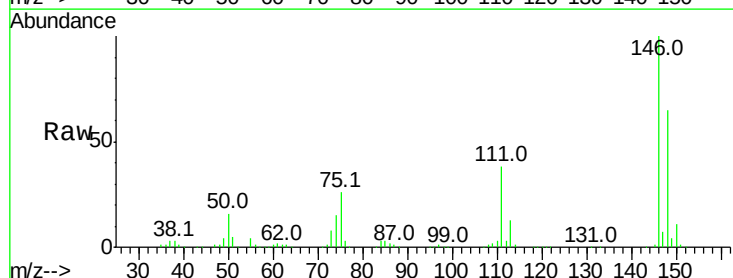
Instrument :
 BNA_F
 ClientSampleId :

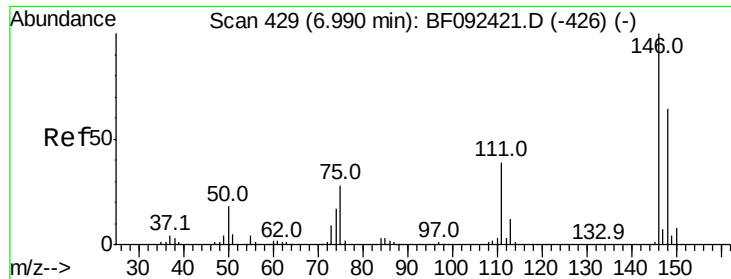
Tot Ion: 93 Resp: 525443
 Ion Ratio Lower Upper
 93 100
 63 88.8 60.4 100.4
 95 32.4 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 40.14 ng
 RT: 6.99 min Scan# 429
 Delta R.T. 0.08 min
 Lab File: BF092471.D
 Acq: 25 Jan 2017 12:47

Tgt Ion: 146 Resp: 584205
 Ion Ratio Lower Upper
 146 100
 148 65.2 53.4 80.0
 75 25.8 18.5 27.7

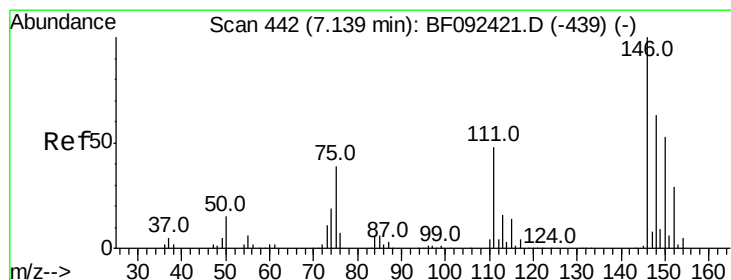
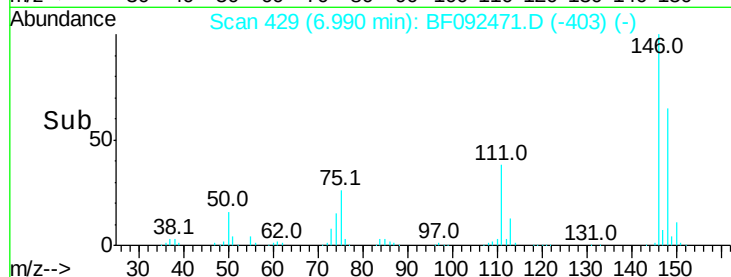
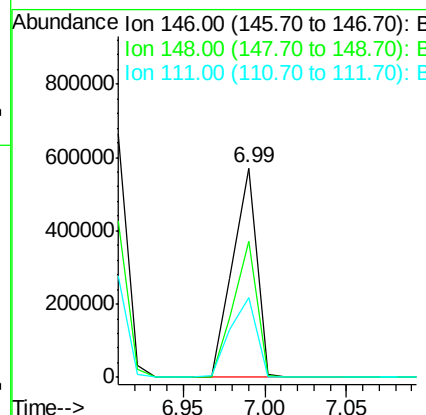
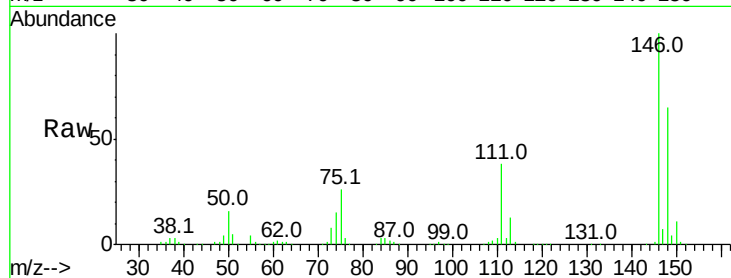




#13
 1,4-Dichlorobenzene
 Concen: 39.88 ng
 RT: 6.99 min Scan# 429
 Delta R.T. -0.00 min
 Lab File: BF092471.D
 Acq: 25 Jan 2017 12:47

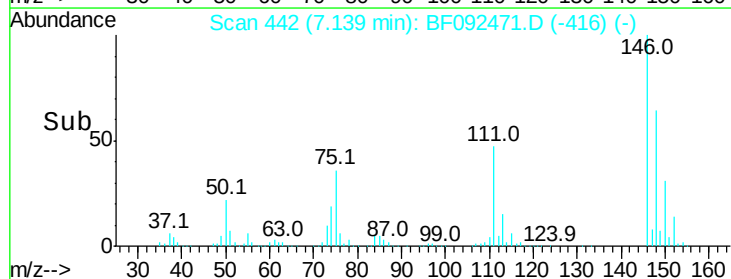
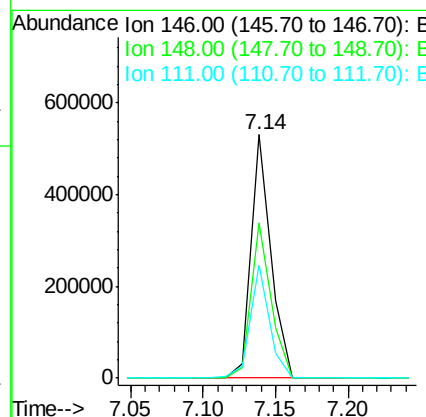
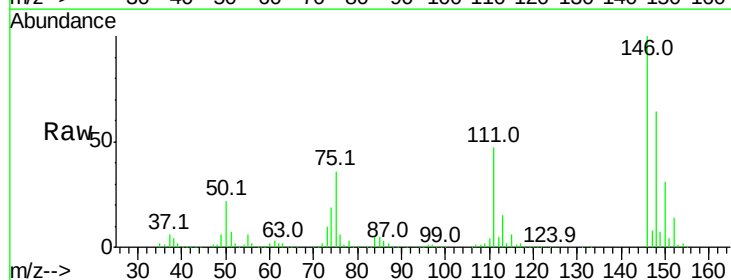
Instrument :
 BNA_F
 ClientSampled :

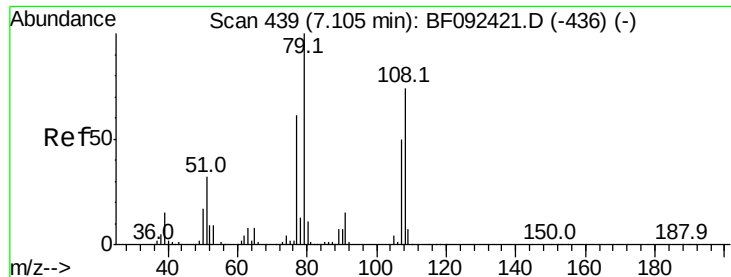
Tot Ion:146 Resp: 584205
 Ion Ratio Lower Upper
 146 100
 148 65.2 50.6 76.0
 111 38.2 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 36.06 ng
 RT: 7.14 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: BF092471.D
 Acq: 25 Jan 2017 12:47

Tgt Ion:146 Resp: 501123
 Ion Ratio Lower Upper
 146 100
 148 63.8 52.2 78.2
 111 46.7 36.2 54.2





#15

Benzyl Alcohol

Concen: 44.40 ng

RT: 7.12 min Scan# 440

Delta R.T. 0.01 min

Lab File: BF092471.D

Acq: 25 Jan 2017 12:47

Instrument :

BNA_F

ClientSampled :

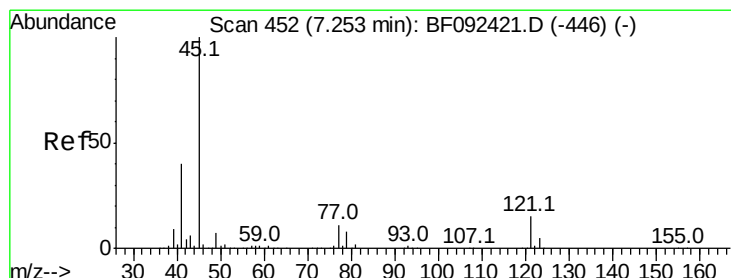
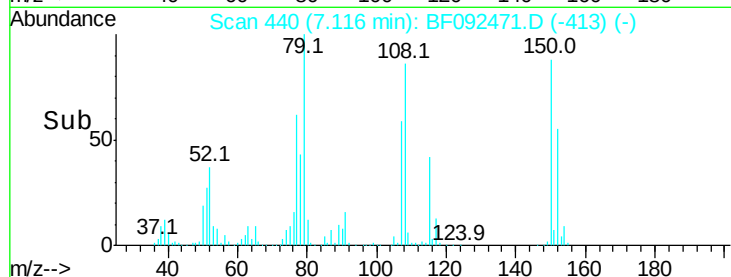
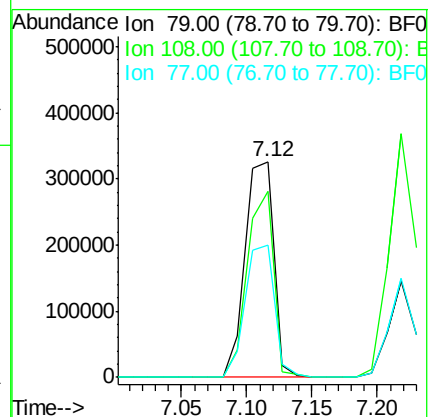
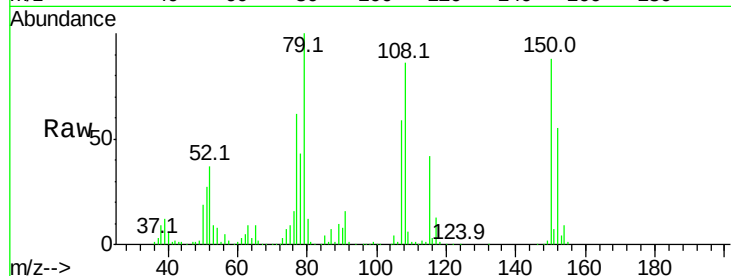
Tot Ion: 79 Resp: 499435

Ion Ratio Lower Upper

79 100

108 86.1 61.4 92.0

77 61.6 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.98 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF092471.D

Acq: 25 Jan 2017 12:47

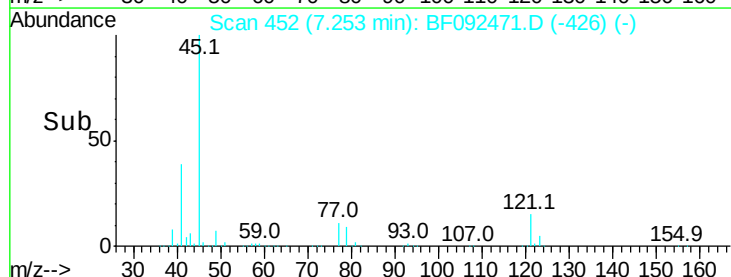
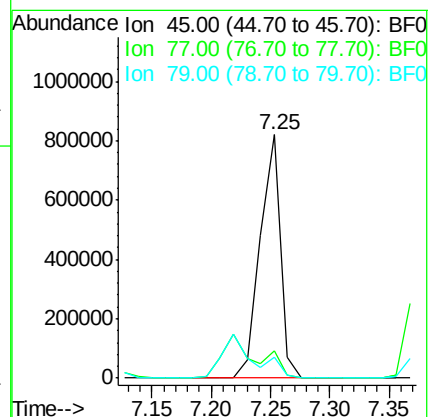
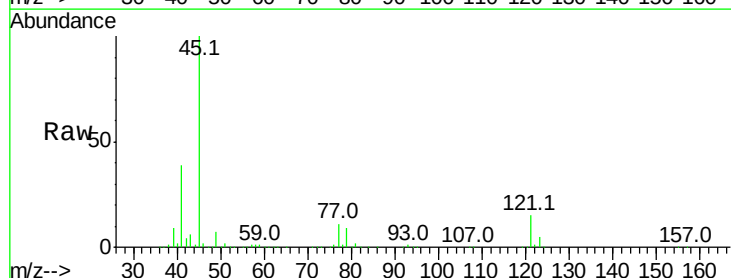
Tgt Ion: 45 Resp: 986103

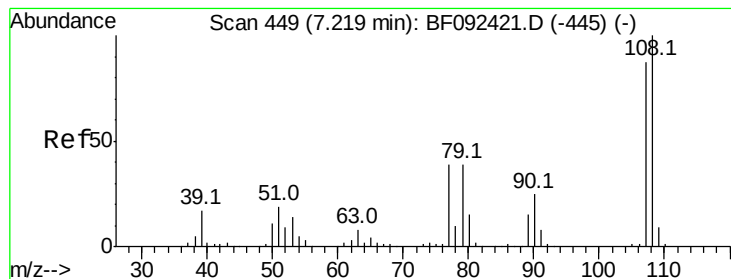
Ion Ratio Lower Upper

45 100

77 11.2 0.0 34.6

79 8.8 0.0 31.2





#17

2-Methylphenol

Concen: 42.69 ng

RT: 7.22 min Scan# 449

Delta R.T. -0.00 min

Lab File: BF092471.D

Acq: 25 Jan 2017 12:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 448946

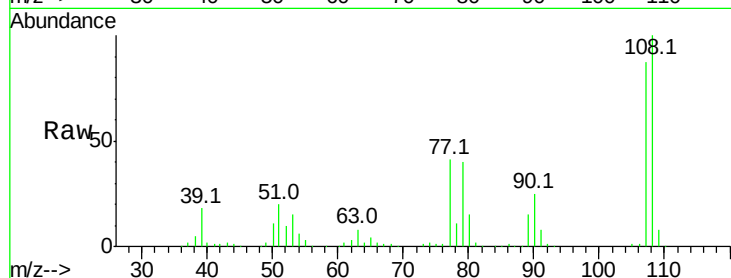
Ion Ratio Lower Upper

107 100

108 114.4 93.0 139.6

77 46.5 39.8 59.8

79 45.5 38.0 57.0

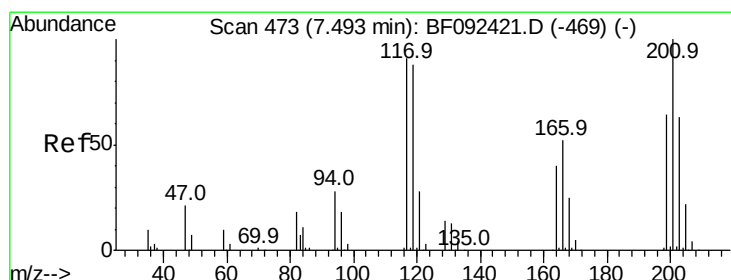
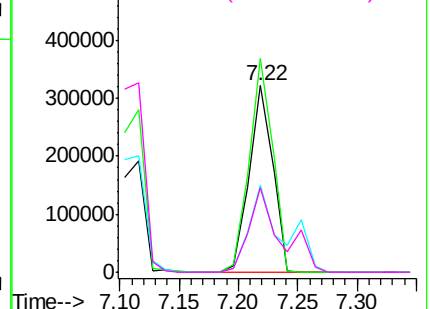
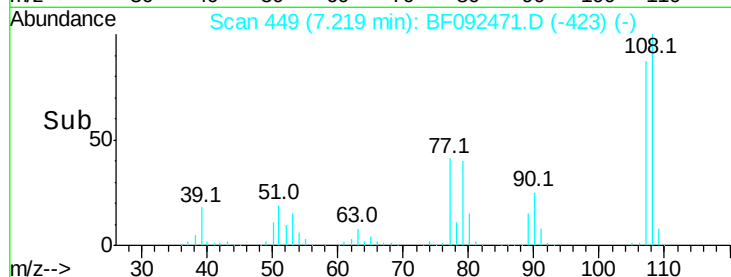


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.12 ng

RT: 7.48 min Scan# 472

Delta R.T. -0.01 min

Lab File: BF092471.D

Acq: 25 Jan 2017 12:47

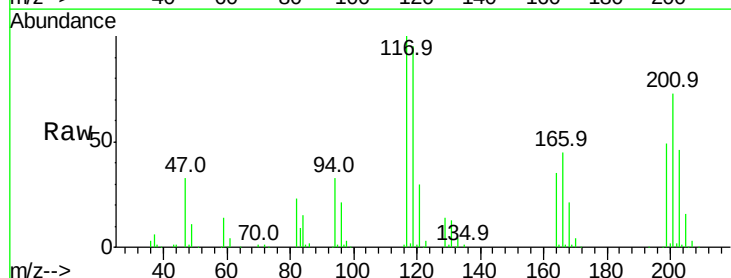
Tgt Ion:117 Resp: 197396

Ion Ratio Lower Upper

117 100

119 94.5 78.1 117.1

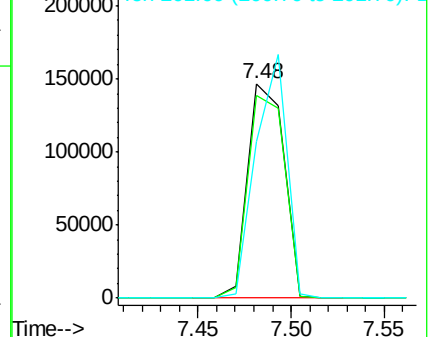
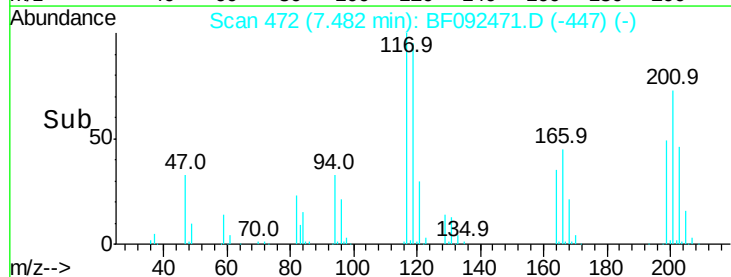
201 73.1 78.6 117.8#

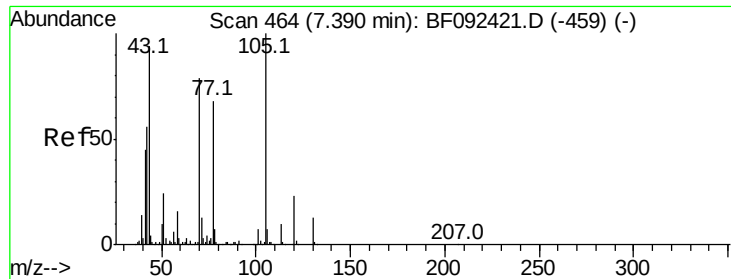


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

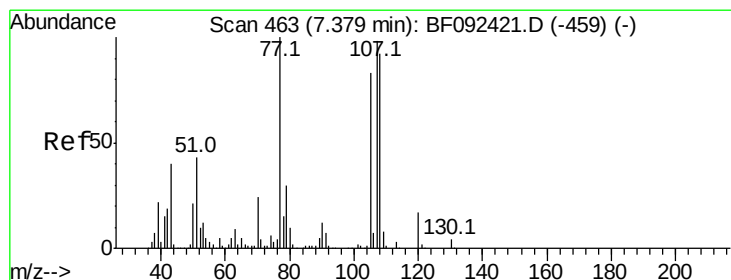
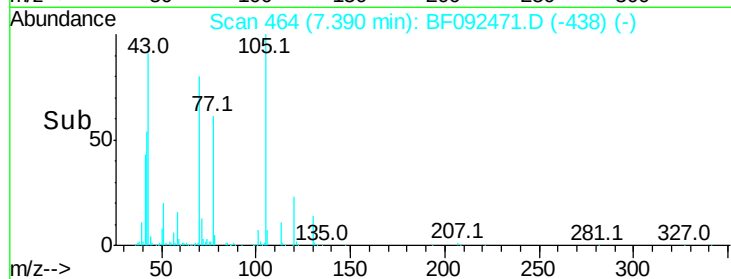
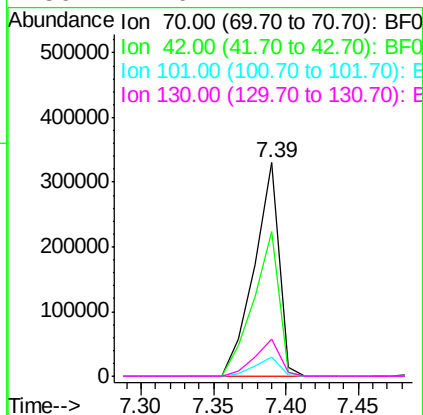
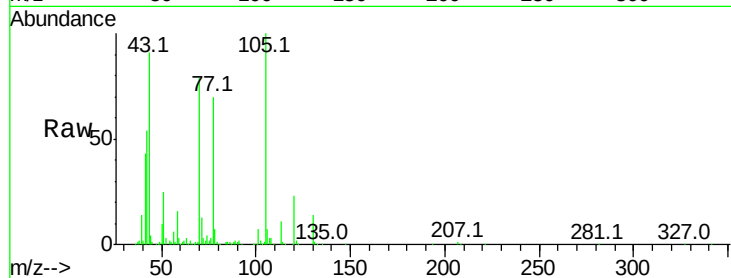




#19
n-Nitroso-di-n-propylamine
Concen: 38.72 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF092471.D
Acq: 25 Jan 2017 12:47

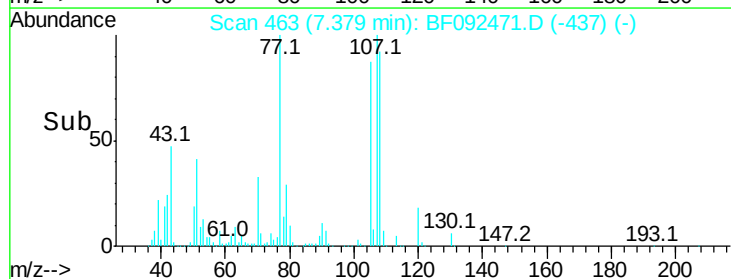
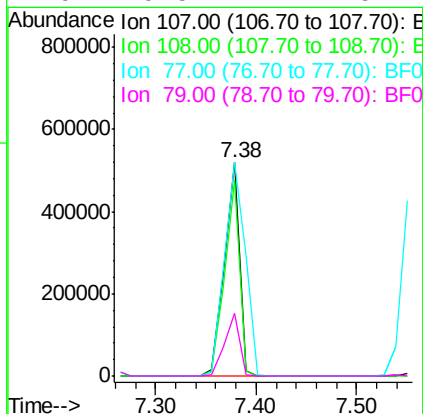
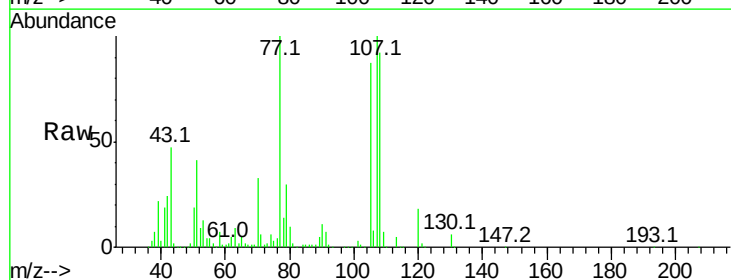
Instrument :
BNA_F
ClientSampleId :

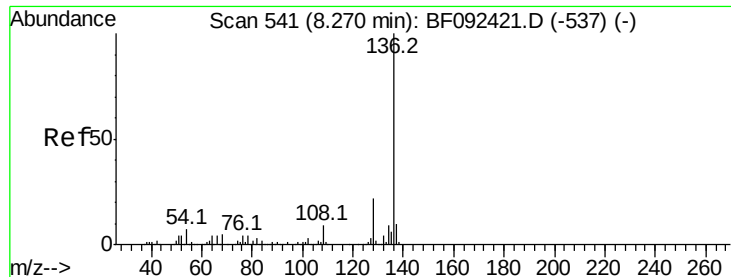
Tot Ion	Ratio	Lower	Upper
70	100		
42	67.9	49.4	74.0
101	8.8	7.4	11.2
130	17.6	14.2	21.4



#20
3+4-Methylphenols
Concen: 42.75 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF092471.D
Acq: 25 Jan 2017 12:47

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.0	73.0	113.0
77	99.9	71.3	111.3
79	29.5	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF092471.D

Acq: 25 Jan 2017 12:47

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 736328

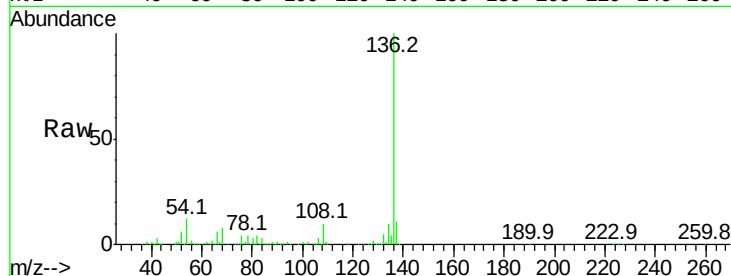
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 12.0 4.5 6.7#

68 8.1 3.6 5.4#

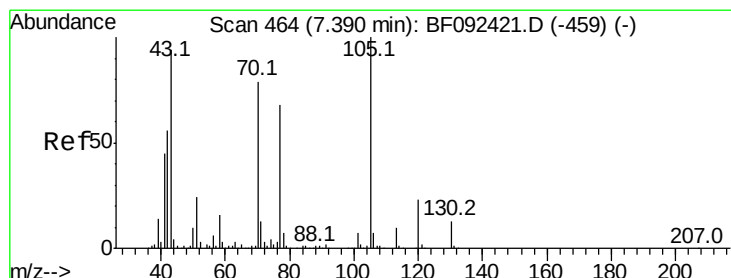
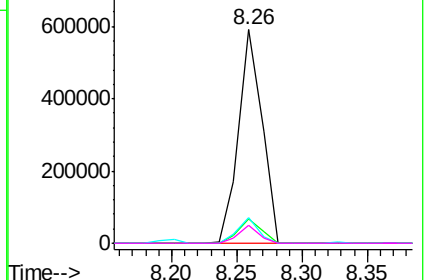
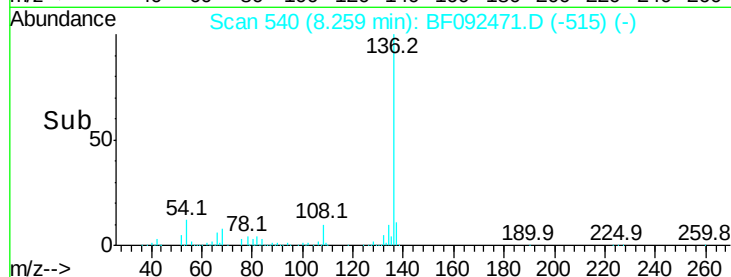


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.30 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.01 min

Lab File: BF092471.D

Acq: 25 Jan 2017 12:47

Tgt Ion:105 Resp: 741776

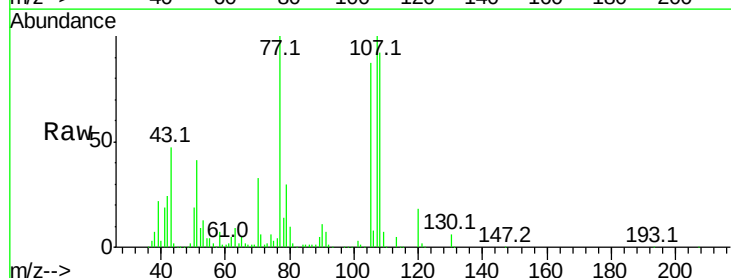
Ion Ratio Lower Upper

105 100

71 6.5 3.2 4.8#

51 47.2 26.2 39.4#

120 20.9 16.6 24.8

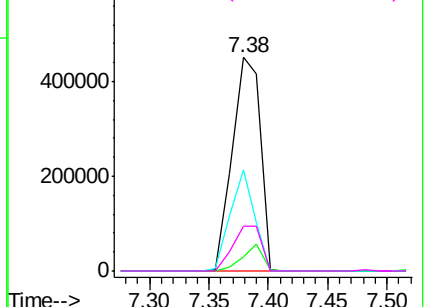
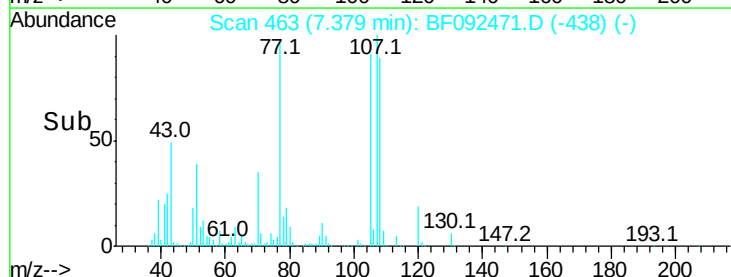


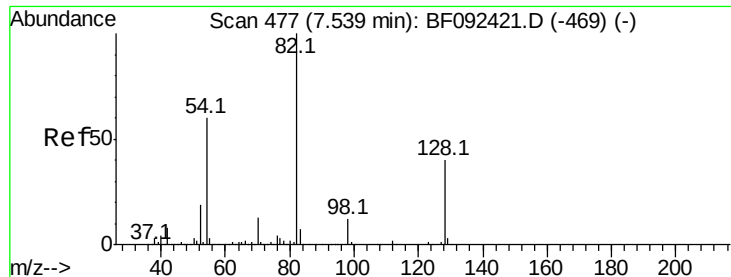
Abundance Ion 105.00 (104.70 to 105.70): E

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

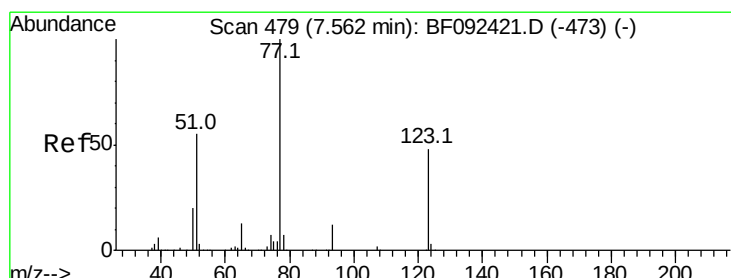
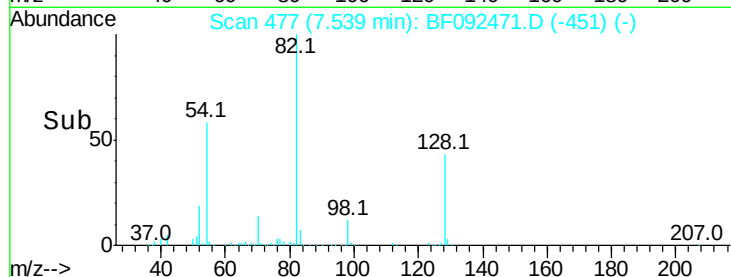
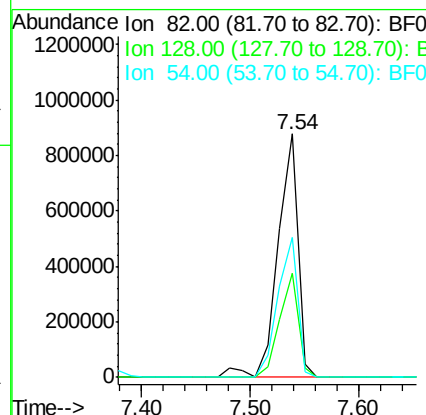
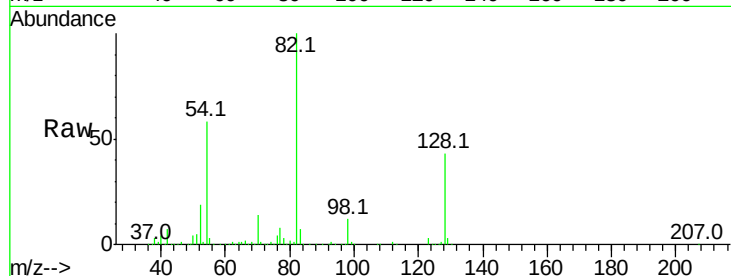




#23
Nitrobenzene-d5
Concen: 83.63 ng
RT: 7.54 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF092471.D
Acq: 25 Jan 2017 12:47

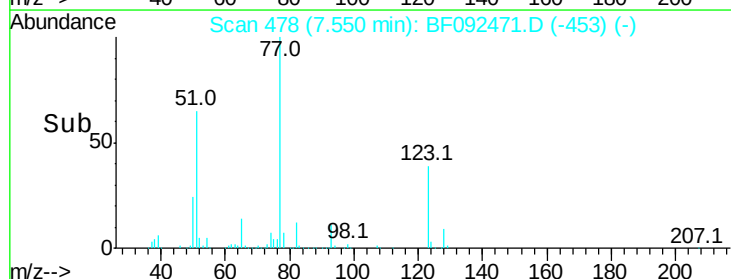
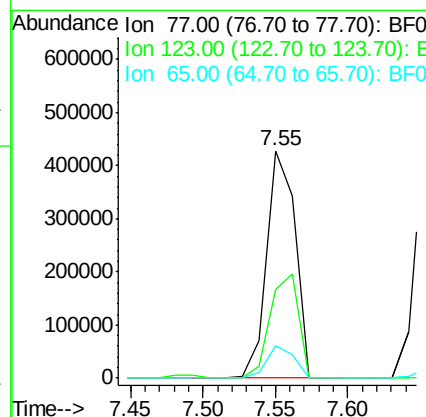
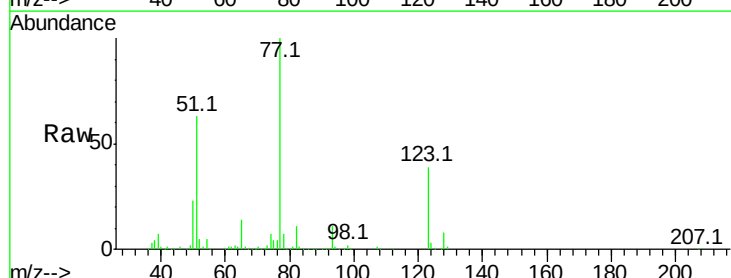
Instrument :
BNA_F
ClientSampled :

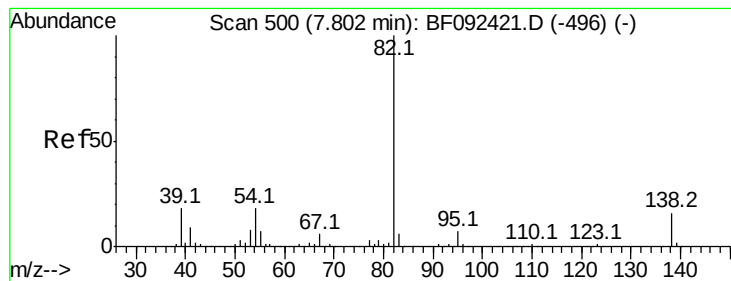
Tot Ion: 82 Resp: 1127361
Ion Ratio Lower Upper
82 100
128 42.8 34.6 52.0
54 57.6 39.5 59.3



#24
Nitrobenzene
Concen: 41.03 ng
RT: 7.55 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF092471.D
Acq: 25 Jan 2017 12:47

Tgt Ion: 77 Resp: 579398
Ion Ratio Lower Upper
77 100
123 39.3 33.0 49.4
65 14.1 11.2 16.8





#25

Isophorone

Concen: 41.95 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF092471.D

Acq: 25 Jan 2017 12:47

Instrument :

BNA_F

ClientSampleId :

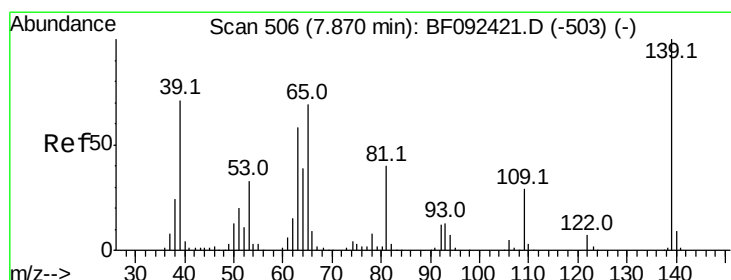
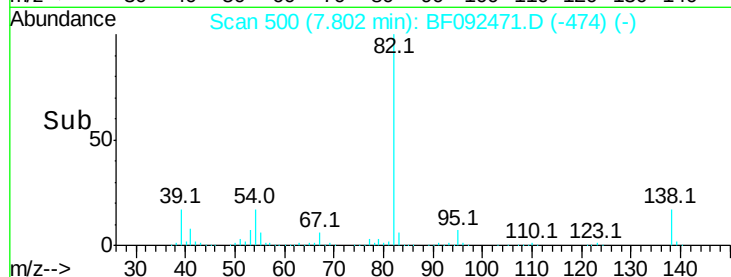
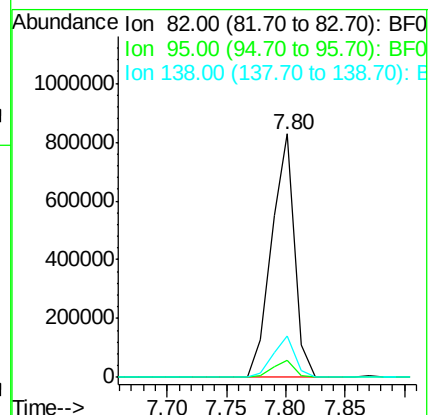
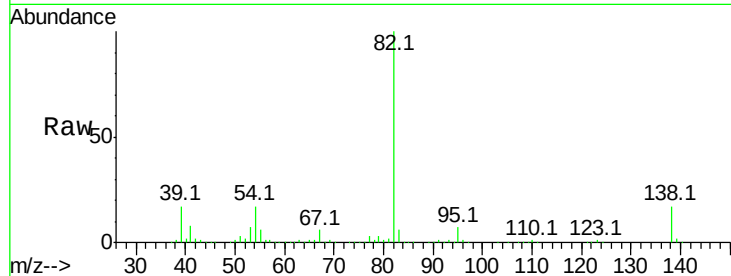
Tot Ion: 82 Resp: 1114286

Ion Ratio Lower Upper

82 100

95 6.8 5.6 8.4

138 17.0 14.6 22.0



#26

2-Nitrophenol

Concen: 45.39 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF092471.D

Acq: 25 Jan 2017 12:47

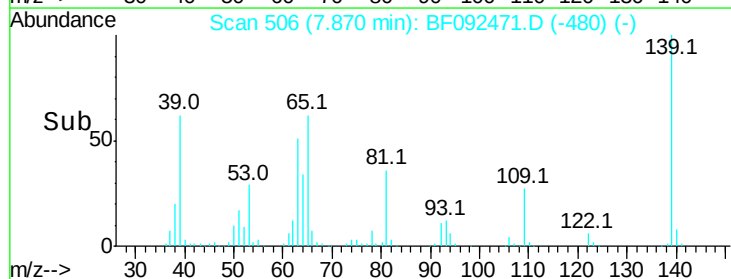
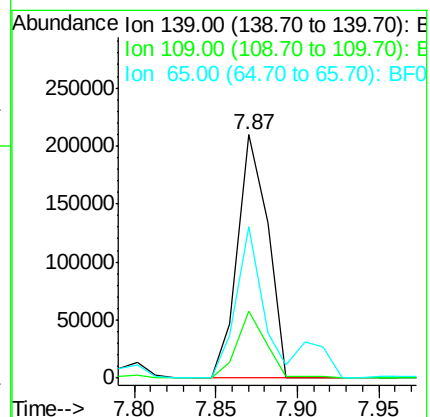
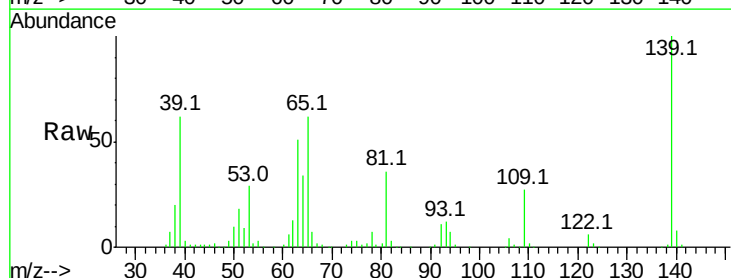
Tgt Ion: 139 Resp: 268601

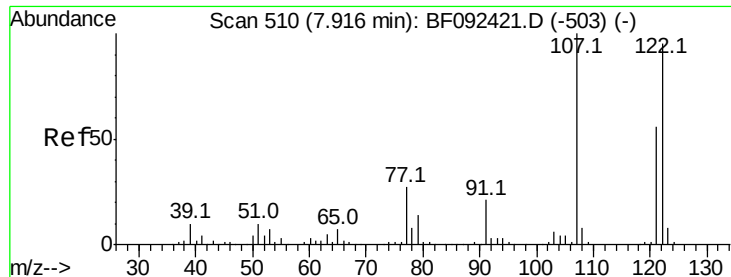
Ion Ratio Lower Upper

139 100

109 27.4 23.3 34.9

65 62.4 42.7 64.1

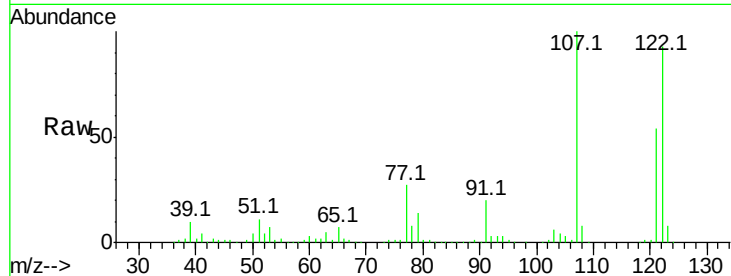




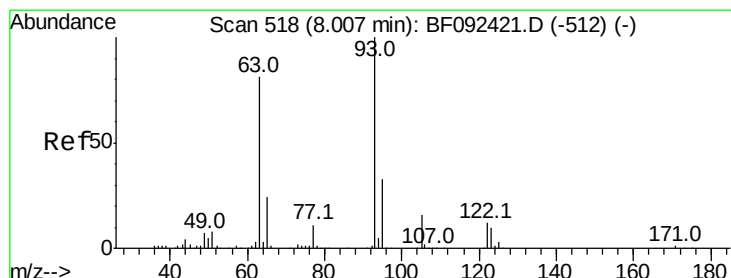
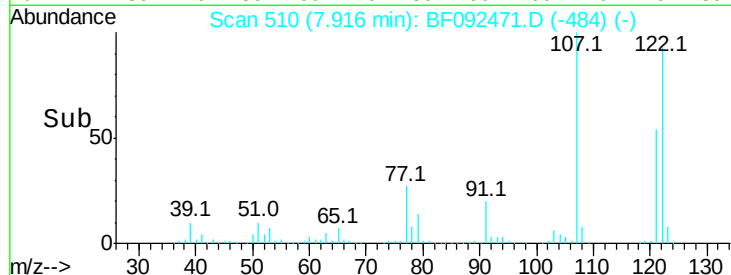
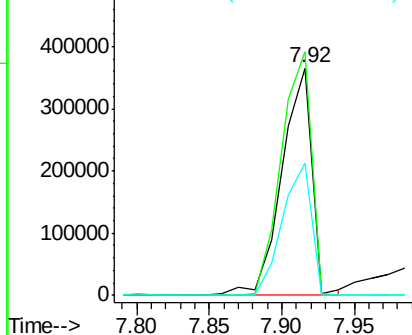
#27
2,4-Dimethylphenol
Concen: 42.60 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.00 min
Lab File: BF092471.D
Acq: 25 Jan 2017 12:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 524234
Ion Ratio Lower Upper
122 100
107 107.1 94.1 141.1
121 58.3 46.0 69.0

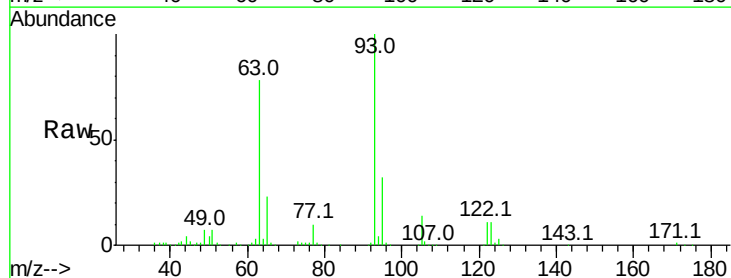


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

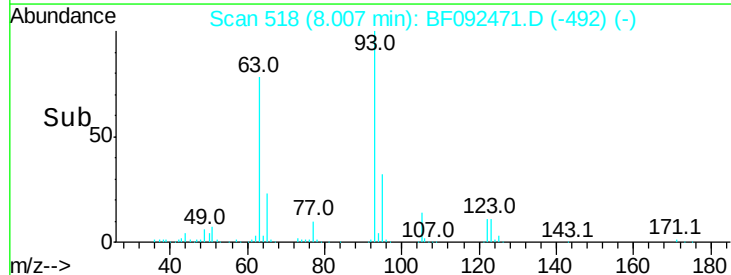
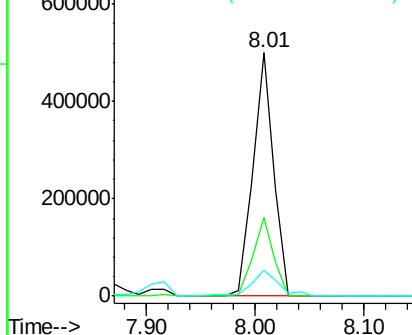


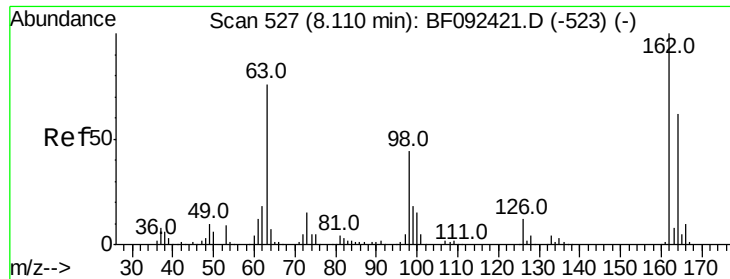
#28
bis(2-Chloroethoxy)methane
Concen: 37.76 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.00 min
Lab File: BF092471.D
Acq: 25 Jan 2017 12:47

Tgt Ion: 93 Resp: 658302
Ion Ratio Lower Upper
93 100
95 32.0 26.5 39.7
123 10.6 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

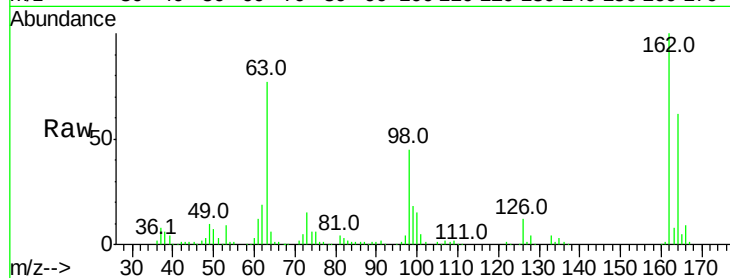




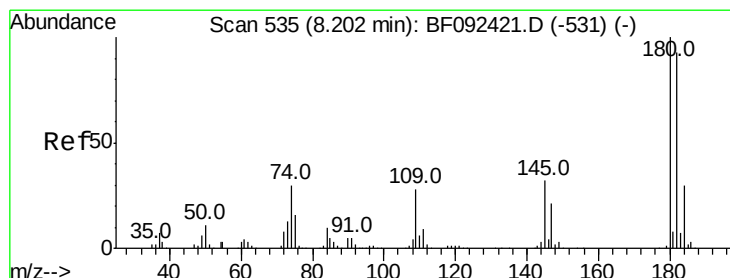
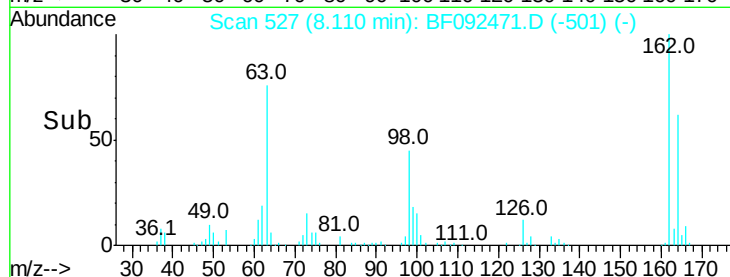
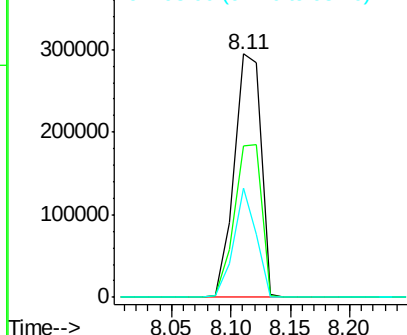
#29
 2,4-Dichlorophenol
 Concen: 43.45 ng
 RT: 8.11 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: BF092471.D
 Acq: 25 Jan 2017 12:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.2	46.8	86.8
98	44.6	9.1	49.1

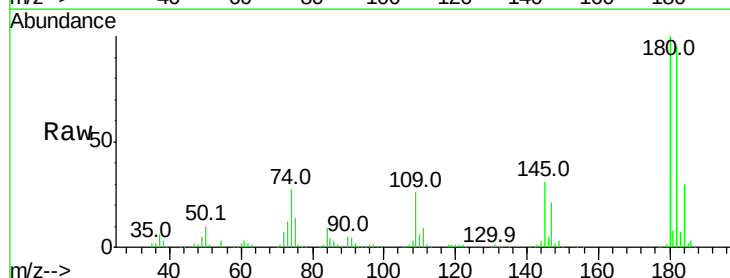


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

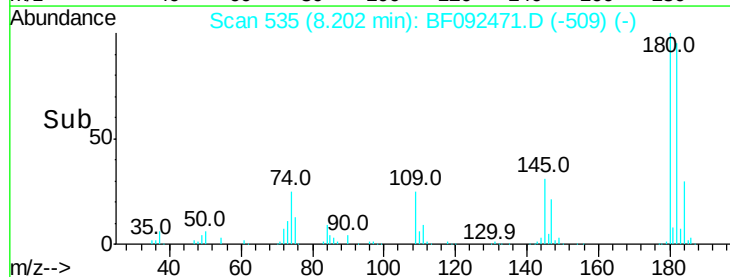
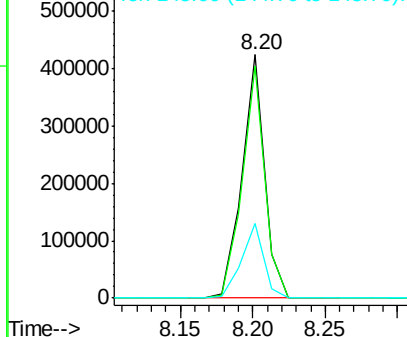


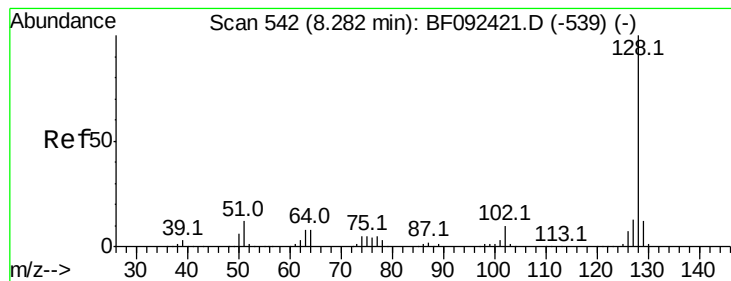
#30
 1,2,4-Trichlorobenzene
 Concen: 39.63 ng
 RT: 8.20 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: BF092471.D
 Acq: 25 Jan 2017 12:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	78.2	117.4
145	30.9	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: 37.84 ng

RT: 8.28 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF092471.D

Acq: 25 Jan 2017 12:47

Instrument :

BNA_F

ClientSampleId :

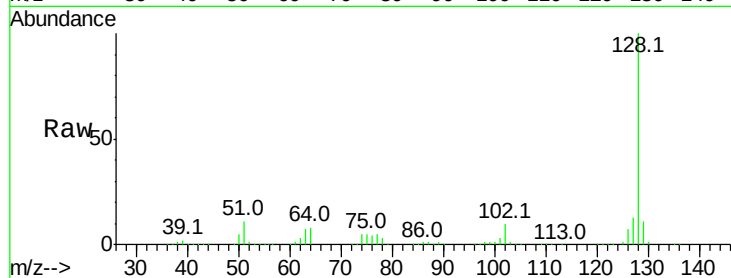
Tot Ion:128 Resp: 1425994

Ion Ratio Lower Upper

128 100

129 11.2 9.5 14.3

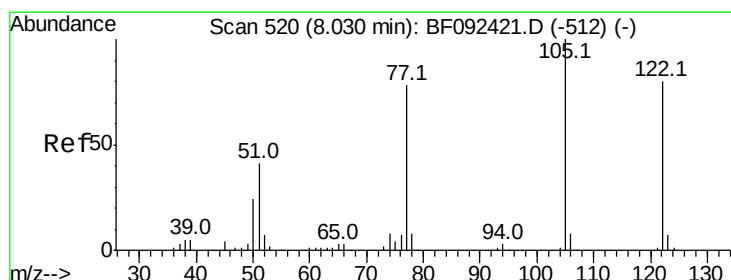
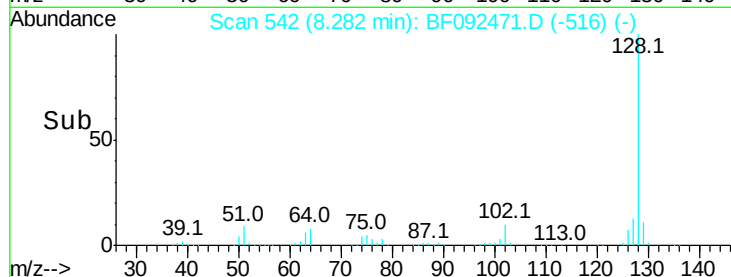
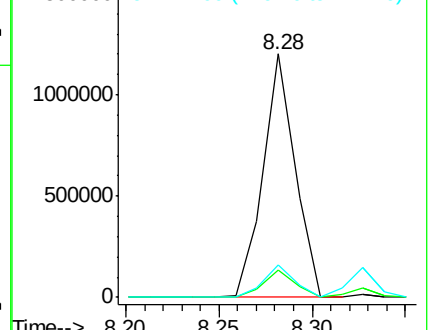
127 13.5 10.8 16.2



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: 38.96 ng

RT: 8.04 min Scan# 521

Delta R.T. 0.01 min

Lab File: BF092471.D

Acq: 25 Jan 2017 12:47

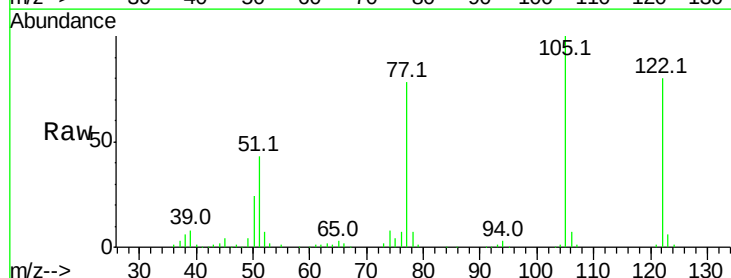
Tgt Ion:122 Resp: 349362

Ion Ratio Lower Upper

122 100

105 124.5 107.2 147.2

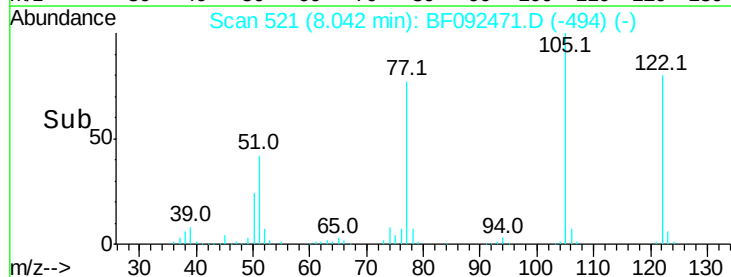
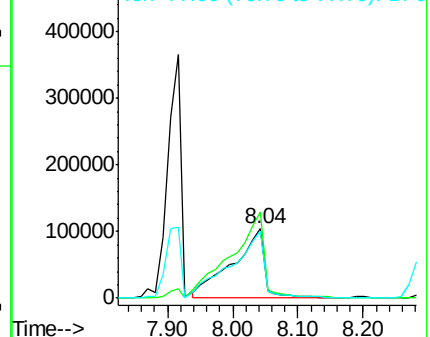
77 96.9 74.5 114.5

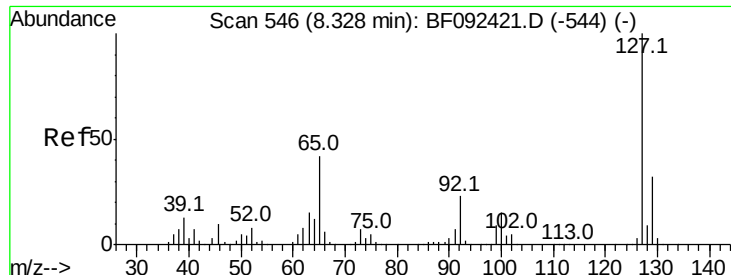


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

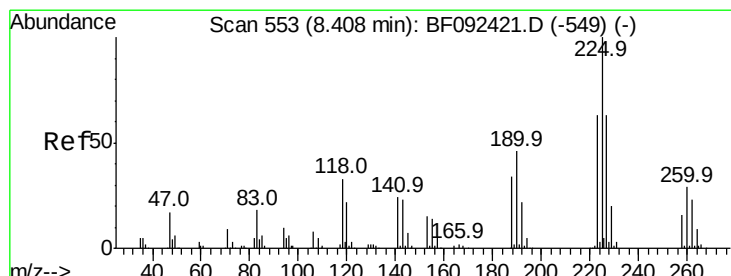
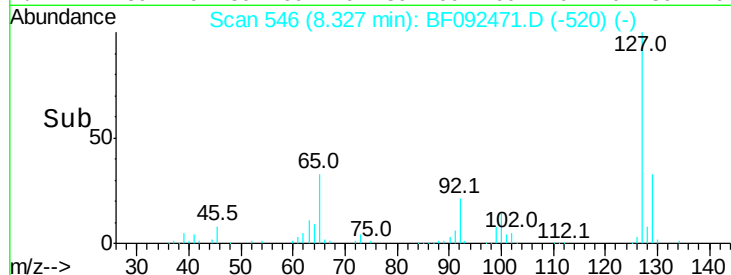
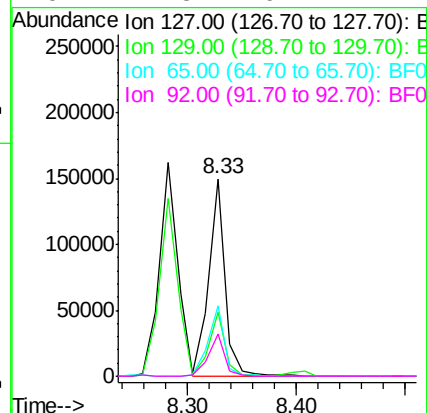
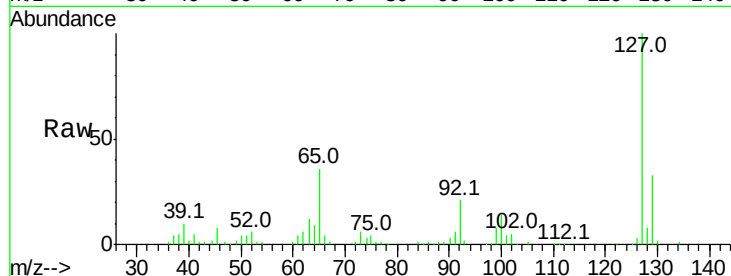




#33
4-Chloroaniline
Concen: 9.92 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF092471.D
Acq: 25 Jan 2017 12:47

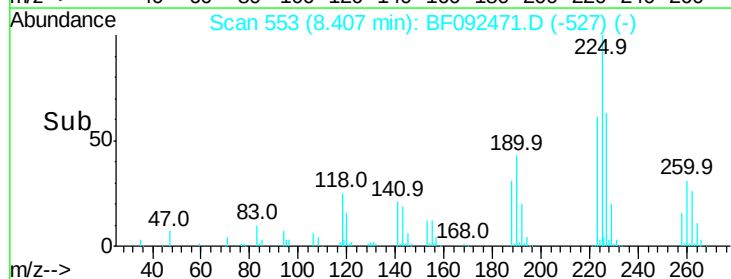
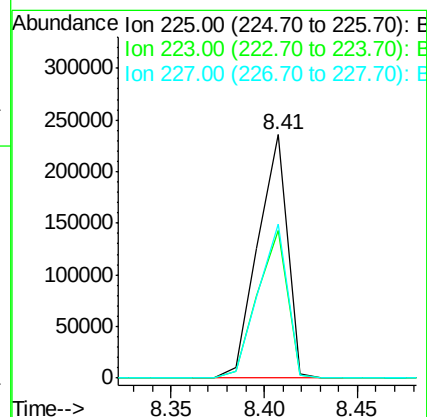
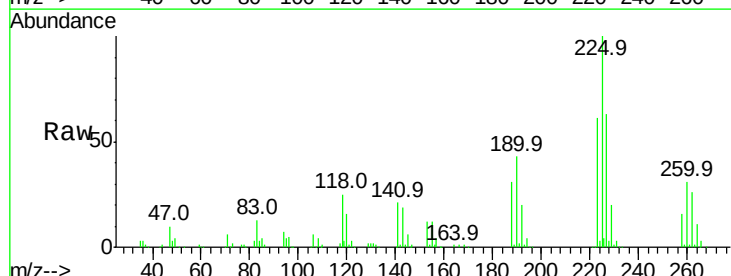
Instrument :
BNA_F
ClientSampled :

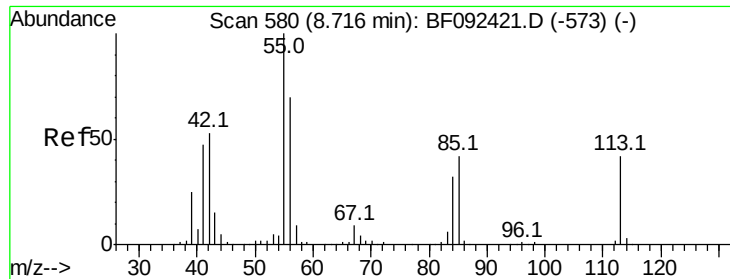
Tot Ion:	127	Resp:	158153
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.3	39.5
65	35.5	25.8	38.8
92	21.3	16.1	24.1



#34
Hexachlorobutadiene
Concen: 41.03 ng
RT: 8.41 min Scan# 553
Delta R.T. -0.00 min
Lab File: BF092471.D
Acq: 25 Jan 2017 12:47

Tgt Ion:	225	Resp:	258790
Ion	Ratio	Lower	Upper
225	100		
223	60.5	51.0	76.6
227	63.4	50.6	76.0

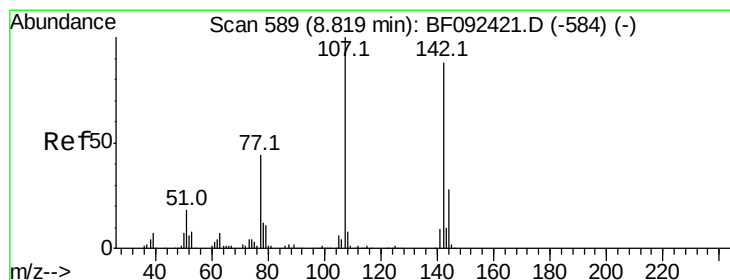
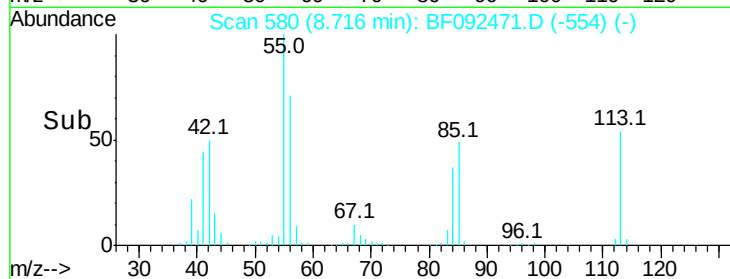
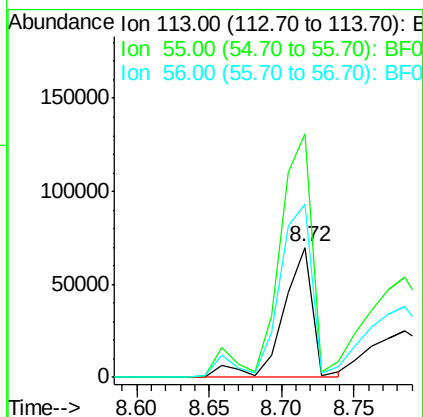
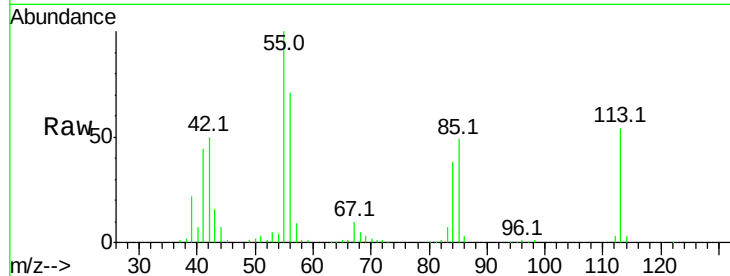




#35
 Caprolactam
 Concen: 27.68 ng
 RT: 8.72 min Scan# 580
 Delta R.T. -0.00 min
 Lab File: BF092471.D
 Acq: 25 Jan 2017 12:47

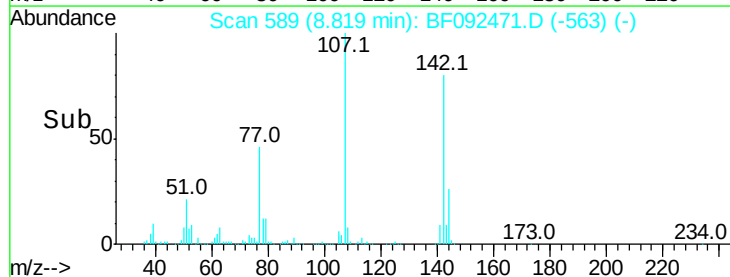
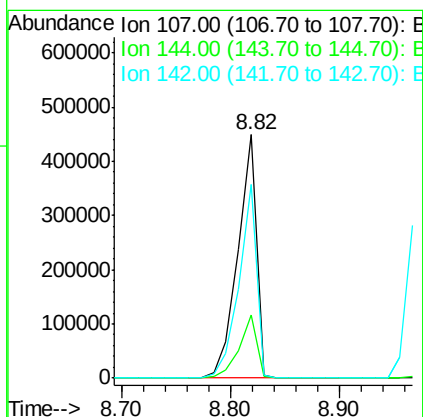
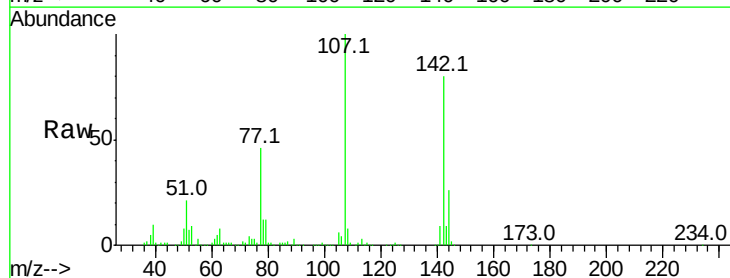
Instrument :
 BNA_F
 ClientSampled :

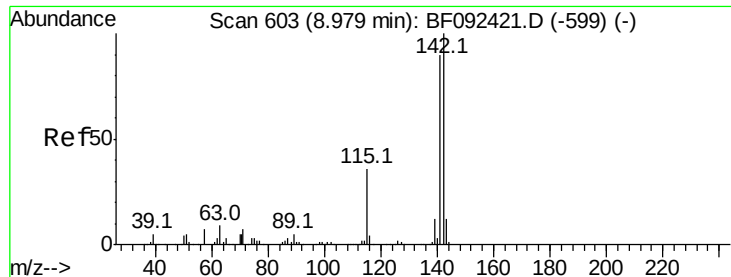
Tot Ion:113 Resp: 98629
 Ion Ratio Lower Upper
 113 100
 55 186.9 119.2 159.2#
 56 132.5 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 46.12 ng
 RT: 8.82 min Scan# 589
 Delta R.T. -0.00 min
 Lab File: BF092471.D
 Acq: 25 Jan 2017 12:47

Tgt Ion:107 Resp: 530583
 Ion Ratio Lower Upper
 107 100
 144 26.2 19.3 28.9
 142 79.7 59.0 88.6

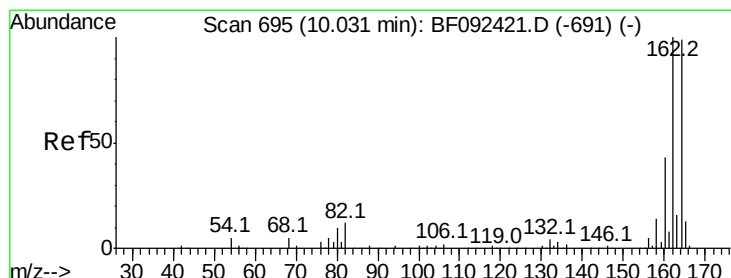
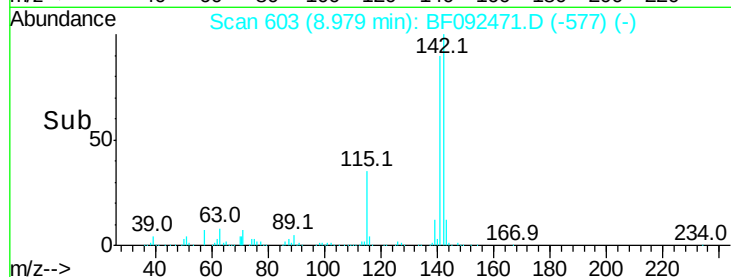
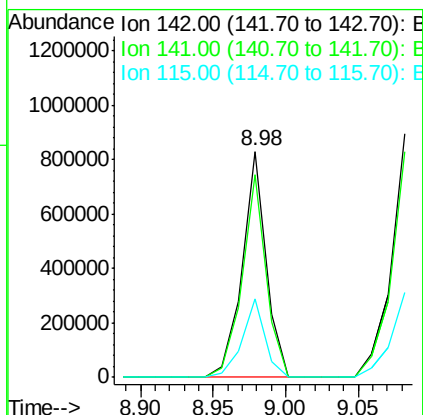
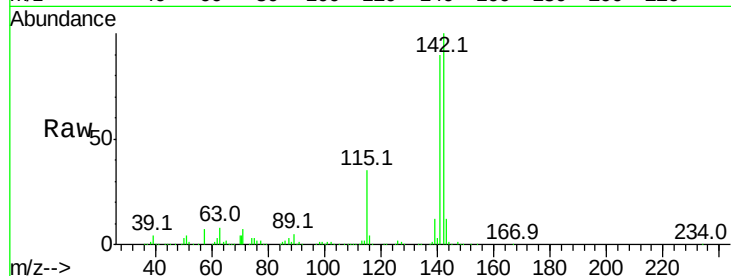




#37
2-Methylnaphthalene
Concen: 39.75 ng
RT: 8.98 min Scan# 603
Delta R.T. -0.00 min
Lab File: BF092471.D
Acq: 25 Jan 2017 12:47

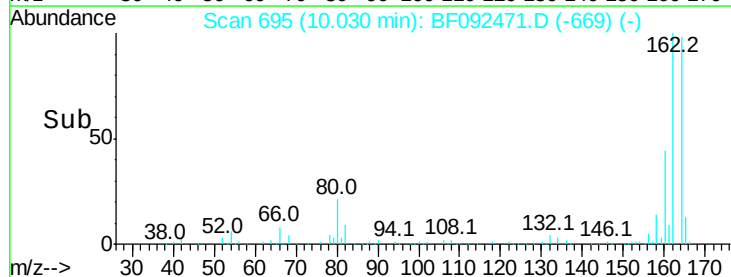
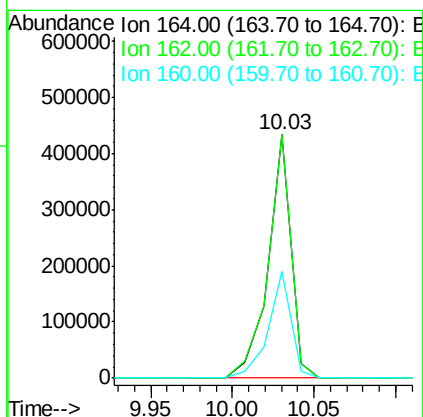
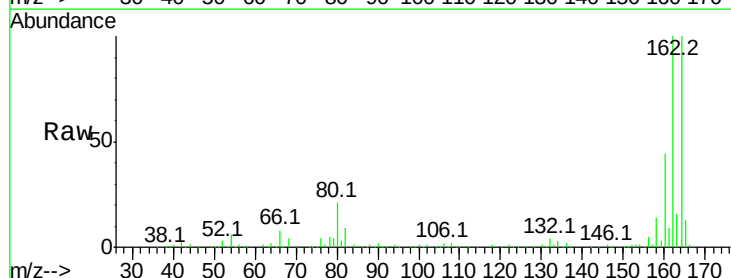
Instrument :
BNA_F
ClientSampleId :

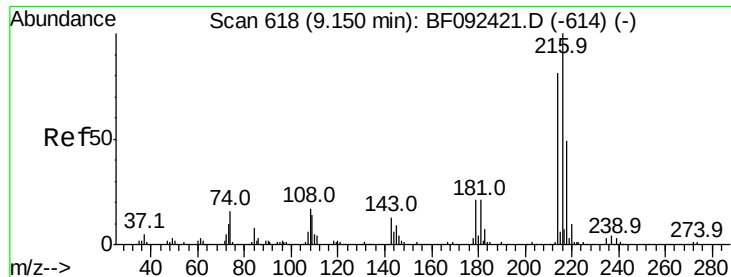
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.0	106.6
115	34.9	28.3	42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF092471.D
Acq: 25 Jan 2017 12:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.2	120.2
160	43.8	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.06 ng

RT: 9.15 min Scan# 618

Delta R.T. -0.00 min

Lab File: BF092471.D

Acq: 25 Jan 2017 12:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 458803

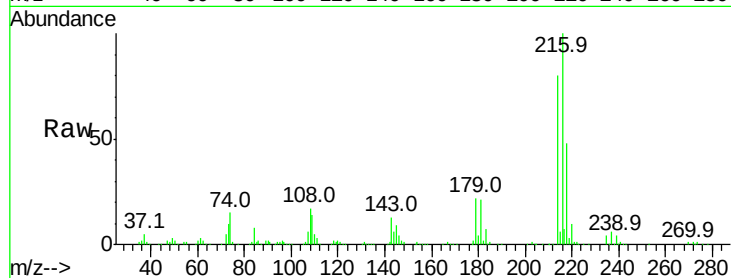
Ion Ratio Lower Upper

216 100

214 79.4 63.4 95.0

179 22.2 17.4 26.2

108 21.3 15.6 23.4

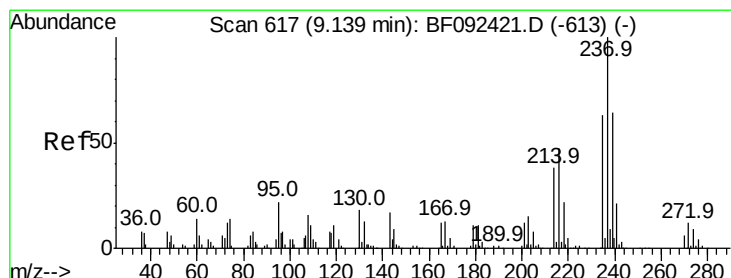
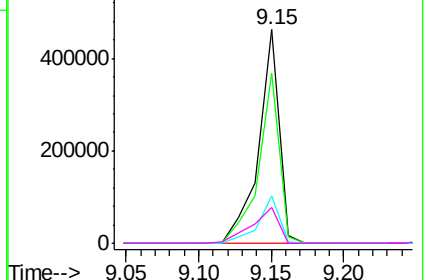
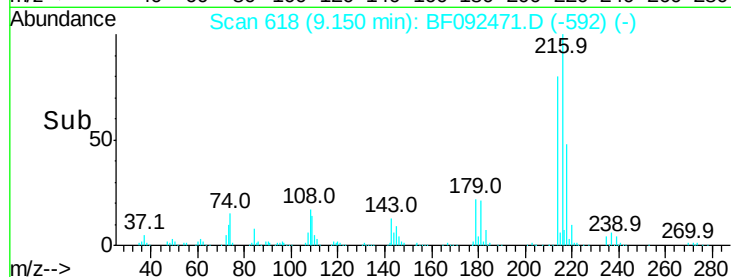


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 83.35 ng

RT: 9.14 min Scan# 617

Delta R.T. -0.00 min

Lab File: BF092471.D

Acq: 25 Jan 2017 12:47

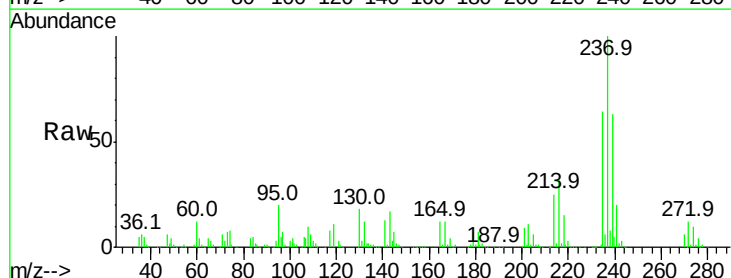
Tgt Ion:237 Resp: 444770

Ion Ratio Lower Upper

237 100

235 63.9 41.2 81.2

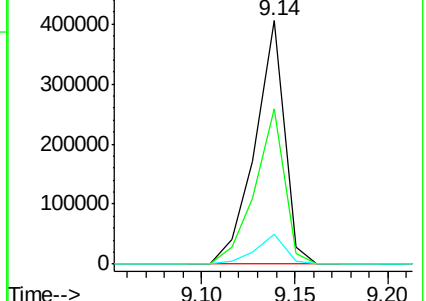
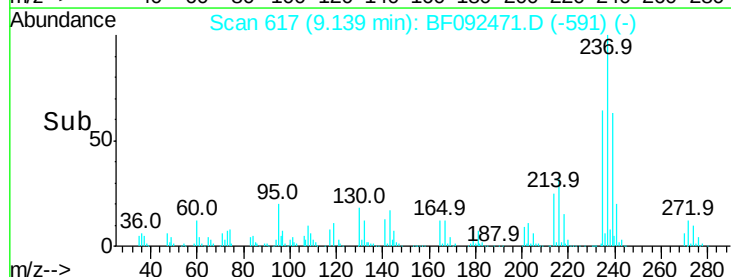
272 12.3 0.0 35.4

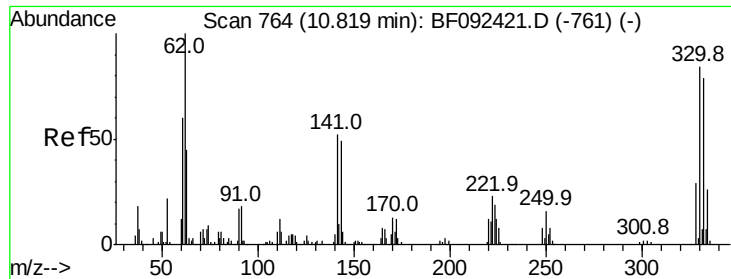


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 115.12 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF092471.D

Acq: 25 Jan 2017 12:47

Instrument :

BNA_F

ClientSampleId :

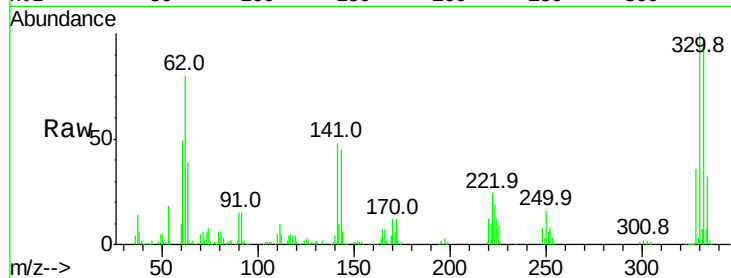
Tot Ion:330 Resp: 331387

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.2

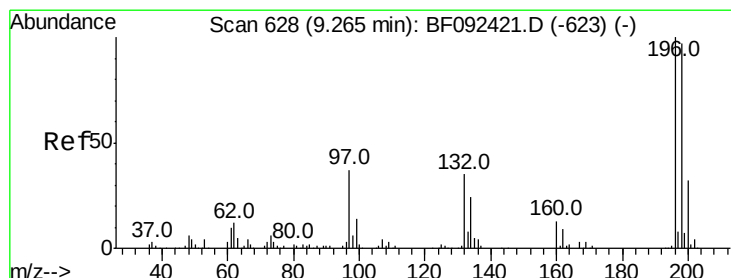
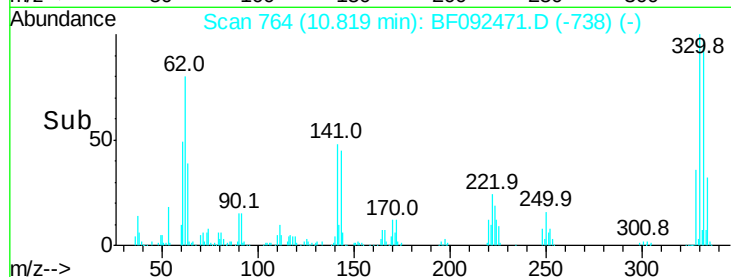
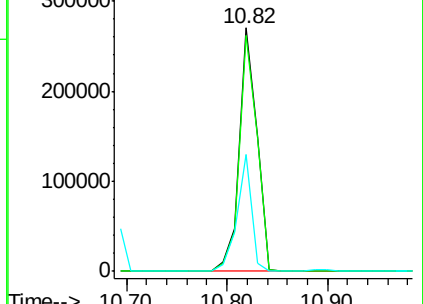
141 39.4 34.1 51.1



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: 44.14 ng

RT: 9.26 min Scan# 628

Delta R.T. -0.00 min

Lab File: BF092471.D

Acq: 25 Jan 2017 12:47

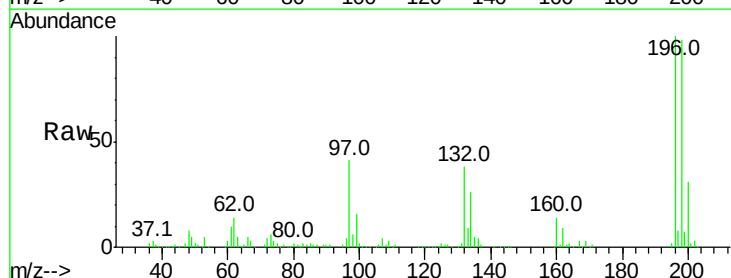
Tgt Ion:196 Resp: 360346

Ion Ratio Lower Upper

196 100

198 97.7 82.1 123.1

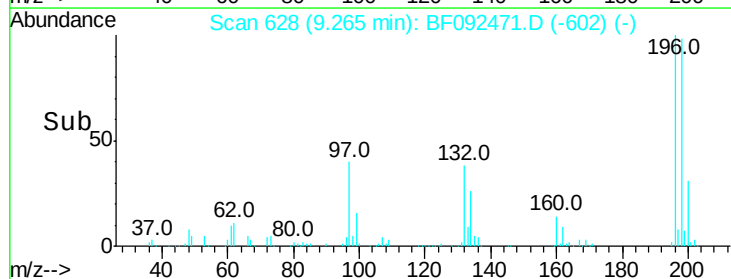
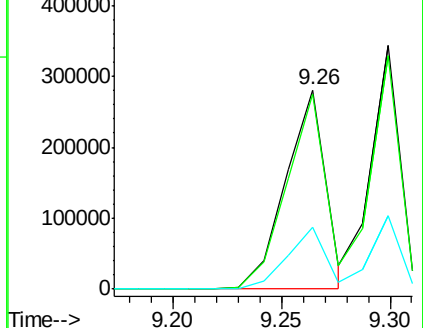
200 31.0 27.0 40.4

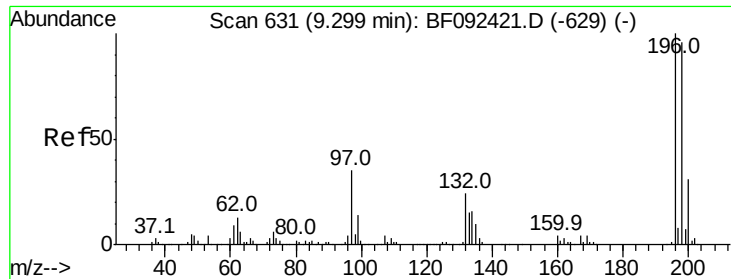


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

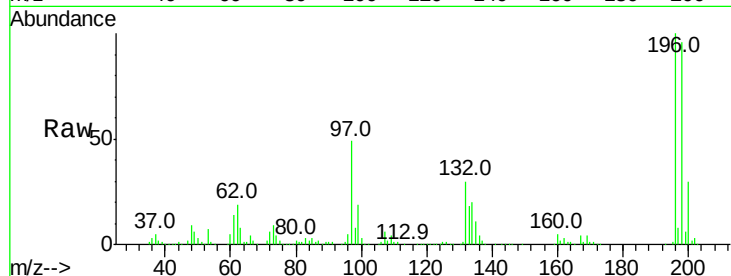




#43
 2,4,5-Trichlorophenol
 Concen: 42.85 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF092471.D
 Acq: 25 Jan 2017 12:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.9	79.4	119.2
97	49.1	51.5	77.3#
132	29.6	27.4	41.2



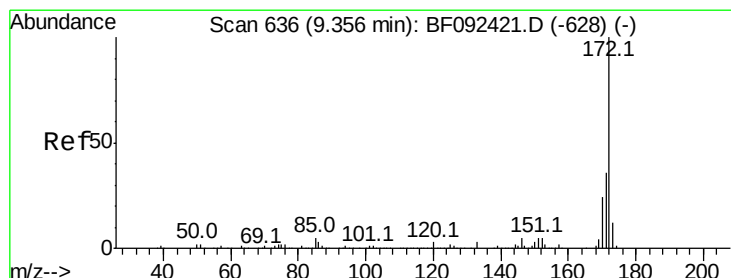
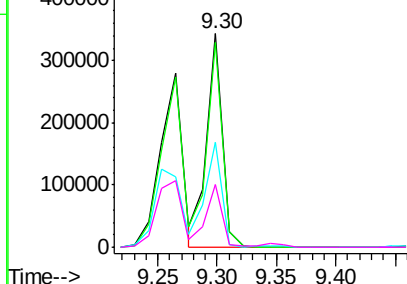
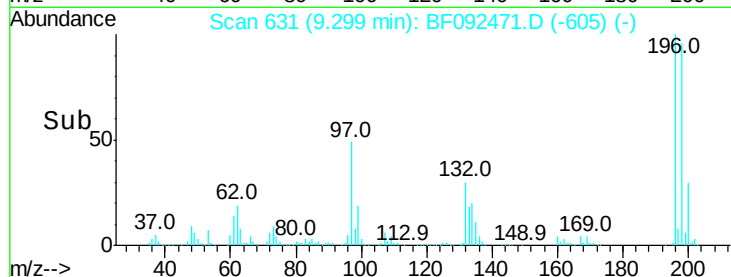
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

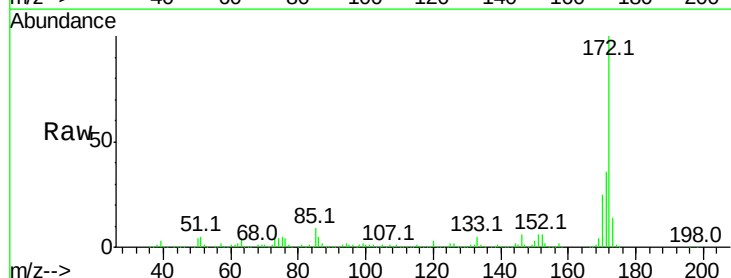
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 83.99 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092471.D
 Acq: 25 Jan 2017 12:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	24.7	20.2	30.4

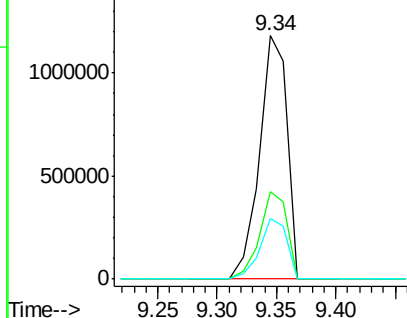
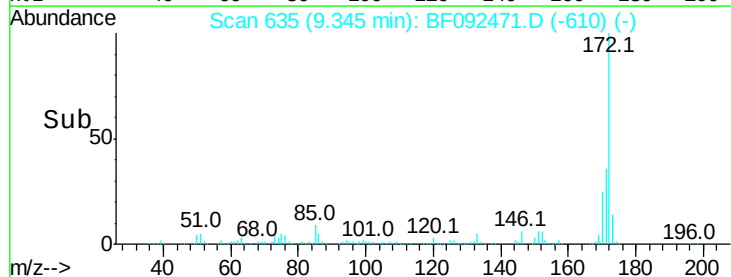


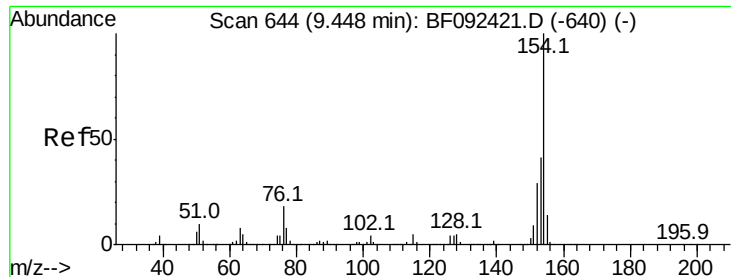
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 37.36 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.00 min

Lab File: BF092471.D

Acq: 25 Jan 2017 12:47

Instrument :

BNA_F

ClientSampleId :

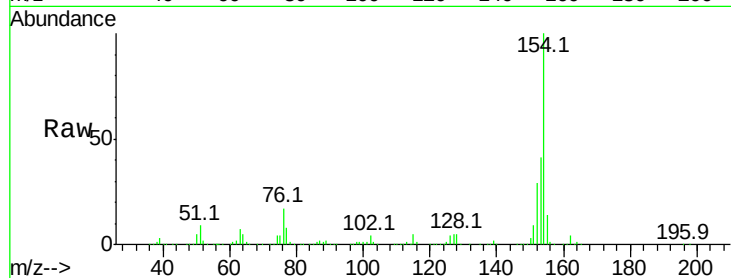
Tot Ion:154 Resp: 1140942

Ion Ratio Lower Upper

154 100

153 41.4 20.9 60.9

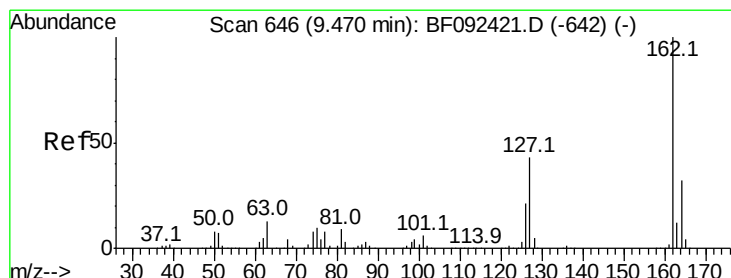
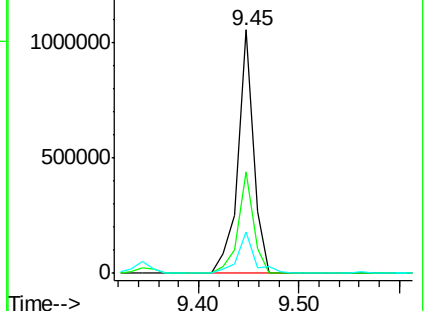
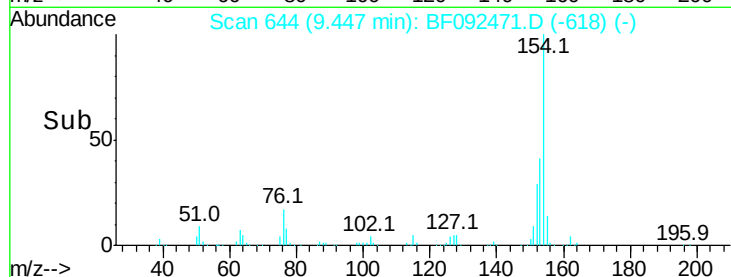
76 16.8 0.0 30.5



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: 36.76 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF092471.D

Acq: 25 Jan 2017 12:47

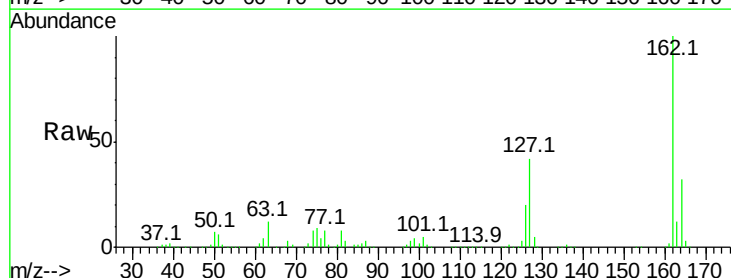
Tgt Ion:162 Resp: 916887

Ion Ratio Lower Upper

162 100

127 42.1 30.7 46.1

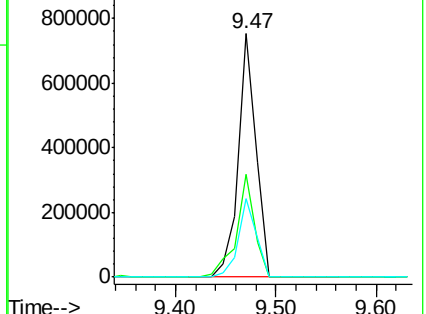
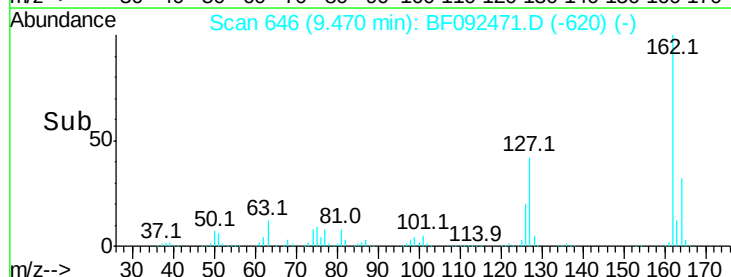
164 32.3 27.6 41.4

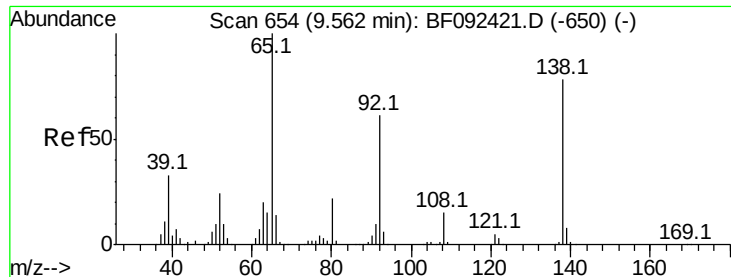


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 36.83 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF092471.D

Acq: 25 Jan 2017 12:47

Instrument :

BNA_F

ClientSampleId :

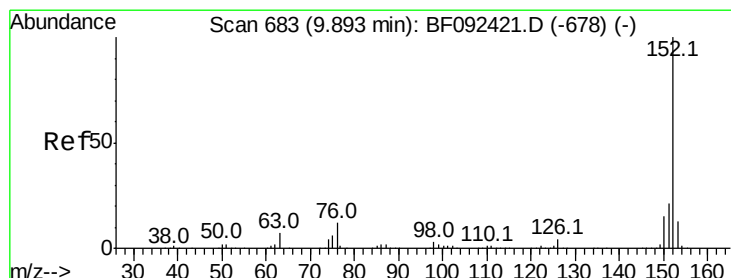
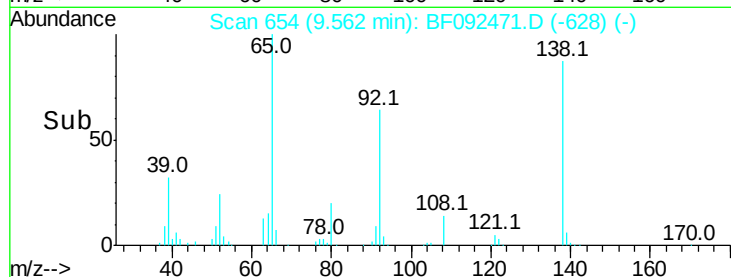
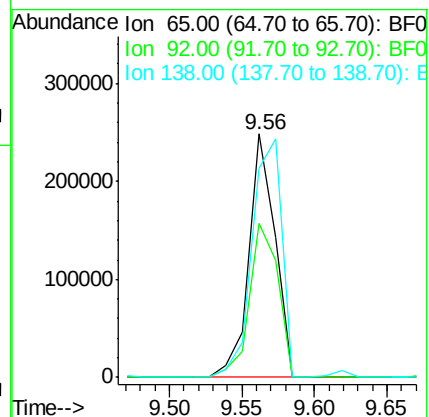
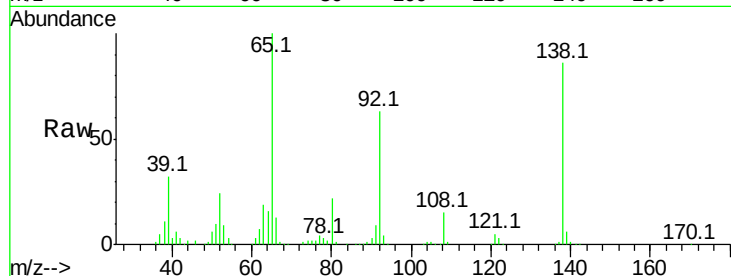
Tot Ion: 65 Resp: 309337

Ion Ratio Lower Upper

65 100

92 63.1 53.9 80.9

138 85.8 76.8 115.2



#48

Acenaphthylene

Concen: 42.27 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF092471.D

Acq: 25 Jan 2017 12:47

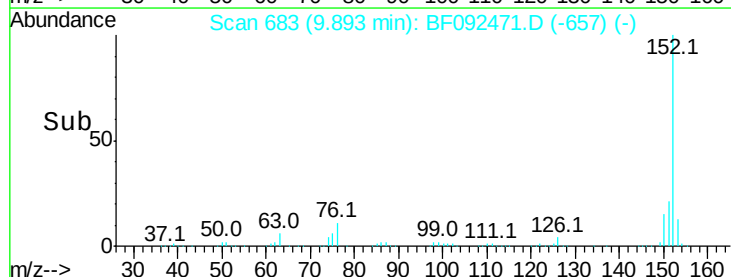
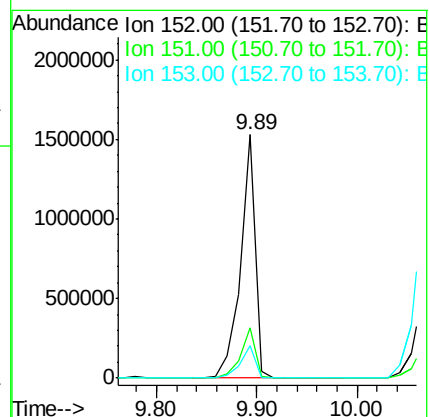
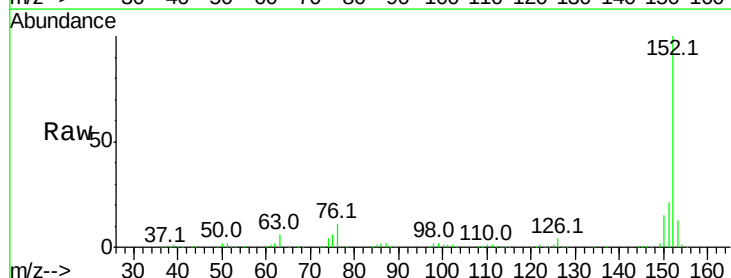
Tgt Ion: 152 Resp: 1546294

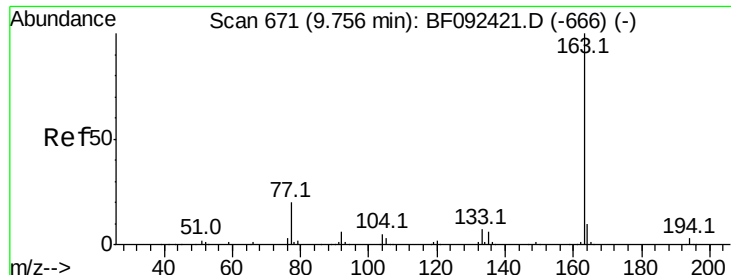
Ion Ratio Lower Upper

152 100

151 20.7 16.9 25.3

153 13.4 11.4 17.2

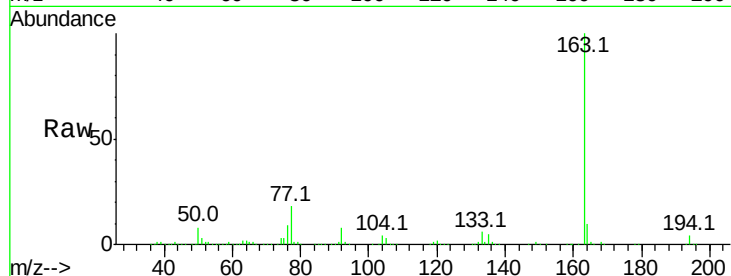




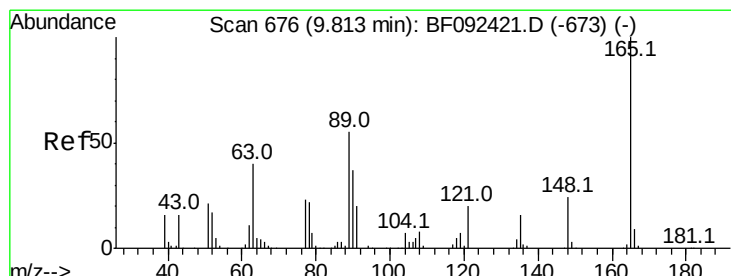
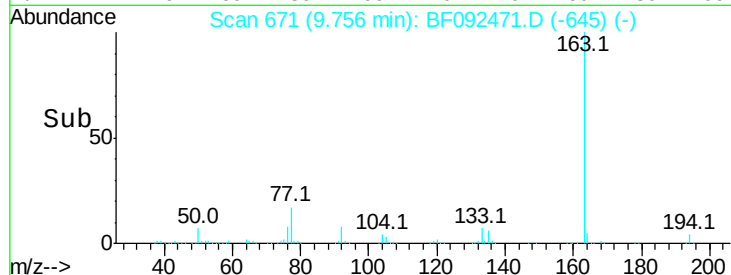
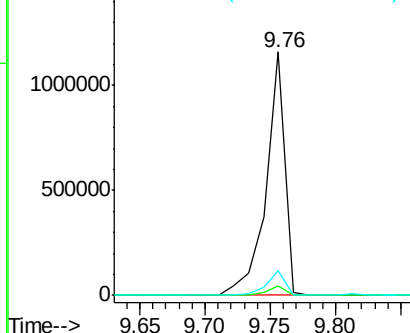
#49
Dimethylphthalate
Concen: 43.55 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF092471.D
Acq: 25 Jan 2017 12:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1169867
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.1 8.0 12.0

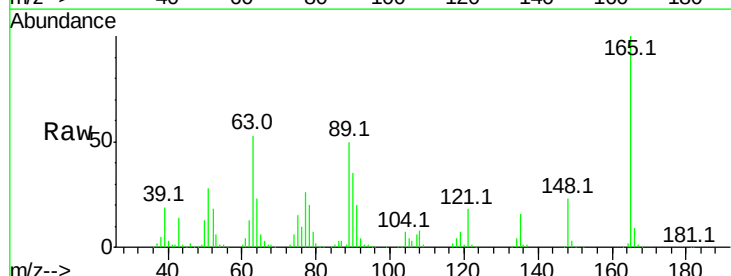


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

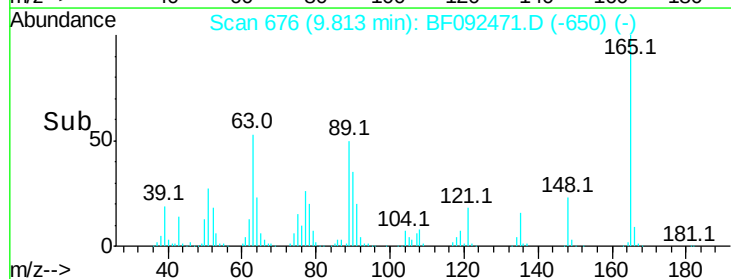
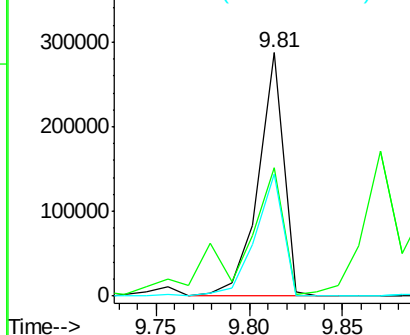


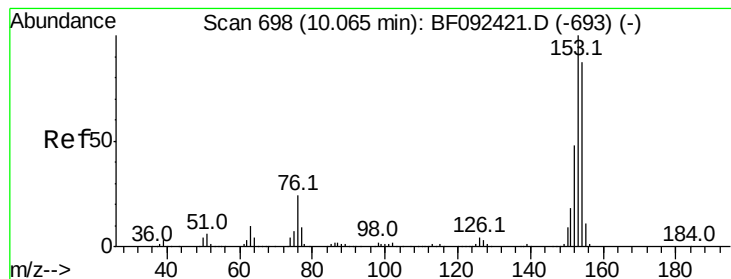
#50
2,6-Dinitrotoluene
Concen: 49.37 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.00 min
Lab File: BF092471.D
Acq: 25 Jan 2017 12:47

Tgt Ion:165 Resp: 271101
Ion Ratio Lower Upper
165 100
63 52.8 36.2 54.4
89 50.3 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: 46.14 ng

RT: 10.06 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF092471.D

Acq: 25 Jan 2017 12:47

Instrument :

BNA_F

ClientSampleId :

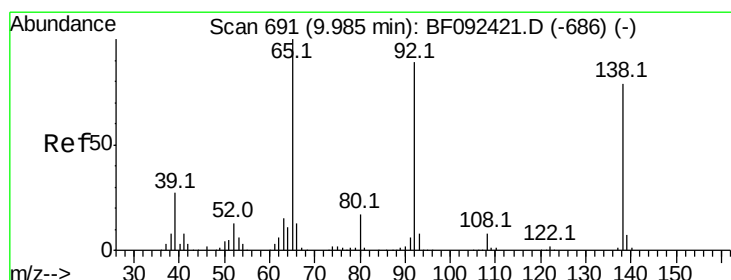
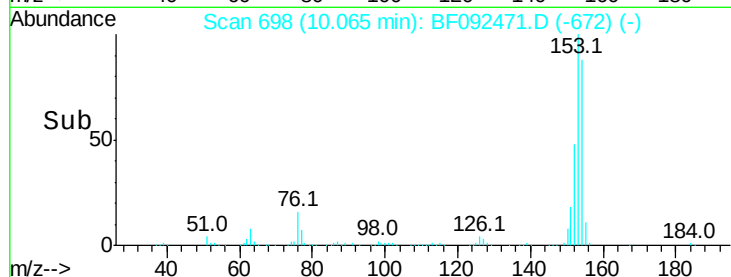
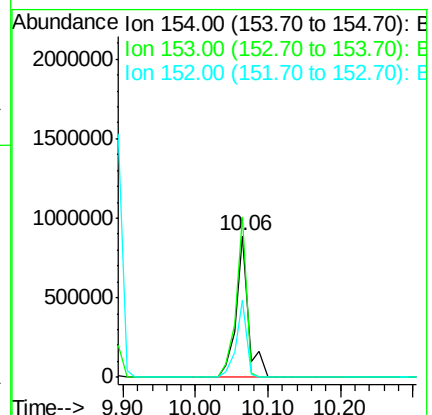
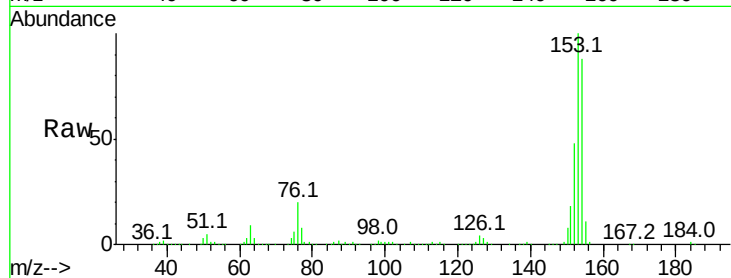
Tot Ion:154 Resp: 1048908

Ion Ratio Lower Upper

154 100

153 113.7 88.6 133.0

152 54.9 41.6 62.4



#52

3-Nitroaniline

Concen: 16.63 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF092471.D

Acq: 25 Jan 2017 12:47

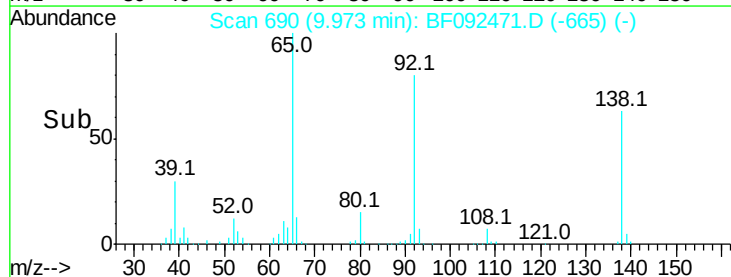
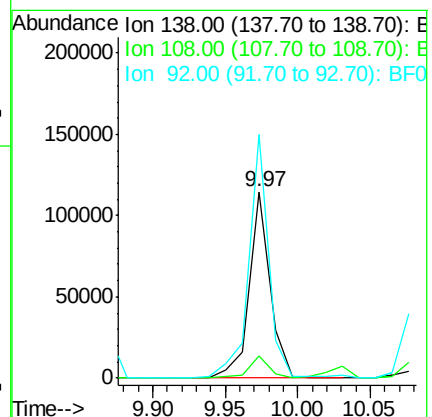
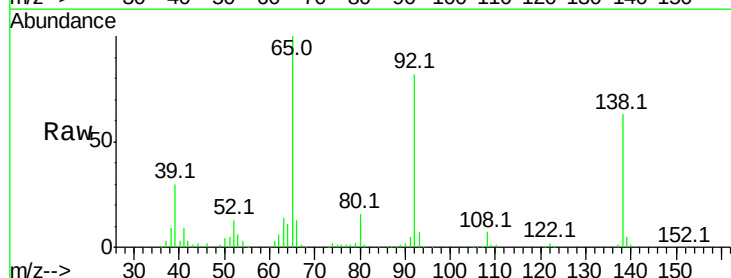
Tgt Ion:138 Resp: 114382

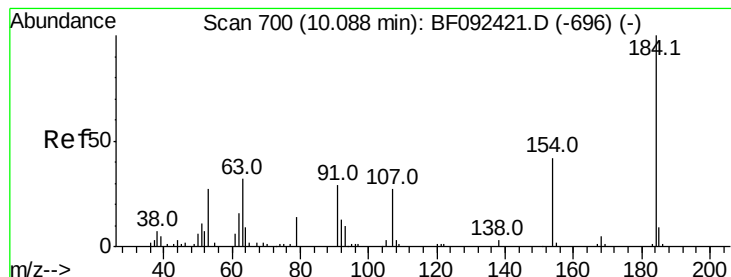
Ion Ratio Lower Upper

138 100

108 11.9 8.5 12.7

92 130.7 97.8 146.8





#53

2,4-Dinitrophenol

Concen: 78.90 ng

RT: 10.09 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF092471.D

Acq: 25 Jan 2017 12:47

Instrument :

BNA_F

ClientSampled :

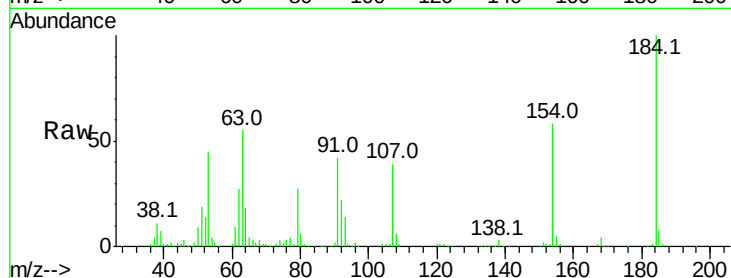
Tot Ion:184 Resp: 285602

Ion Ratio Lower Upper

184 100

63 54.7 28.4 42.6#

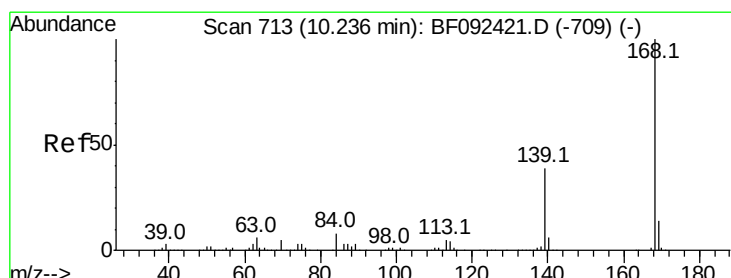
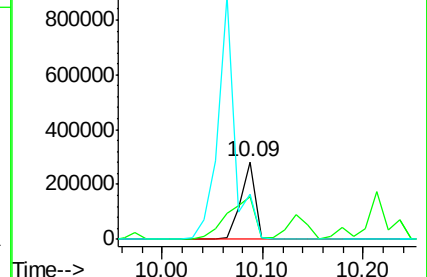
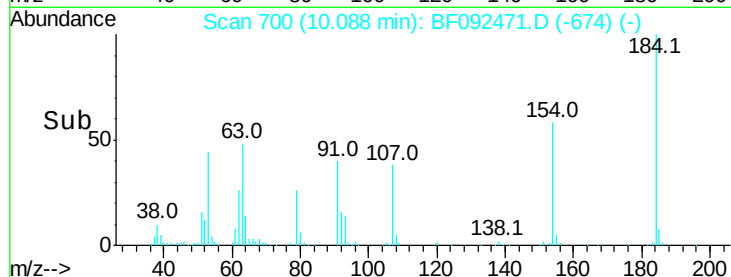
154 58.1 44.3 66.5



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: 41.28 ng

RT: 10.24 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF092471.D

Acq: 25 Jan 2017 12:47

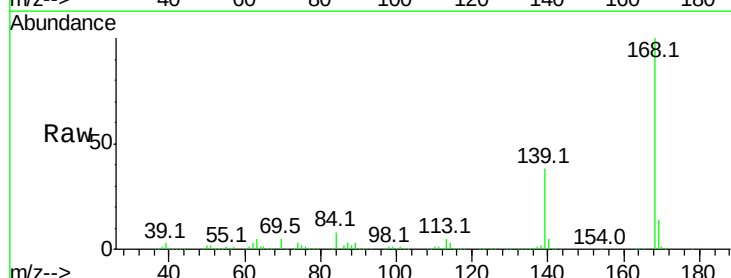
Tgt Ion:168 Resp: 1274082

Ion Ratio Lower Upper

168 100

139 37.7 32.6 49.0

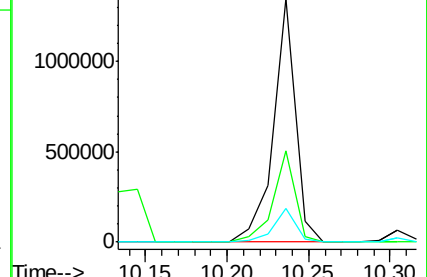
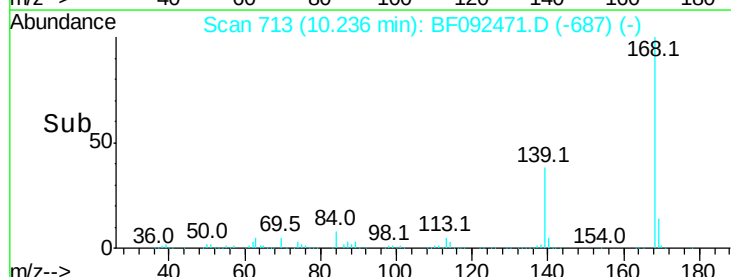
169 13.7 11.3 16.9

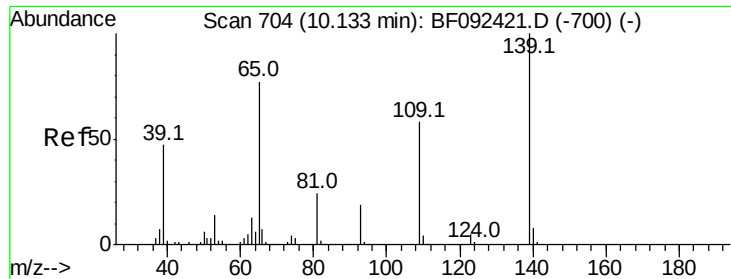


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 86.17 ng

RT: 10.14 min Scan# 705

Delta R.T. 0.01 min

Lab File: BF092471.D

Acq: 25 Jan 2017 12:47

Instrument :

BNA_F

ClientSampled :

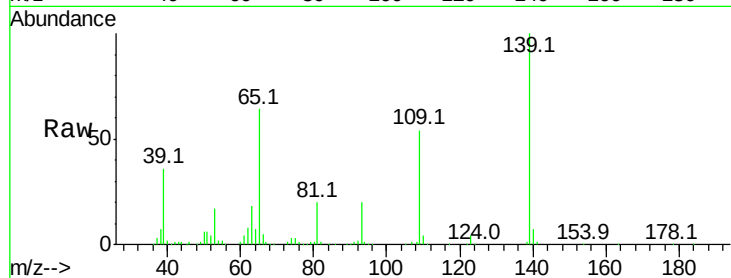
Tot Ion:139 Resp: 470585

Ion Ratio Lower Upper

139 100

109 53.7 52.2 92.2

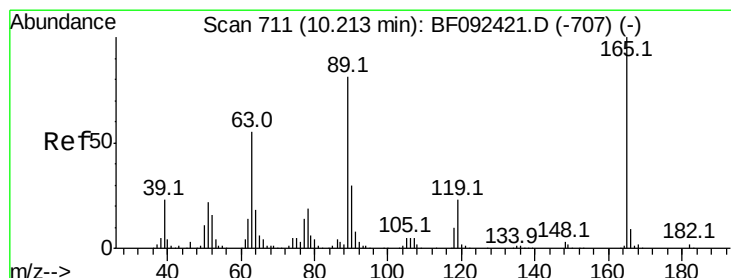
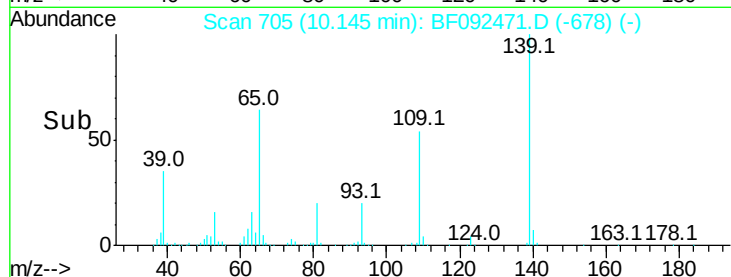
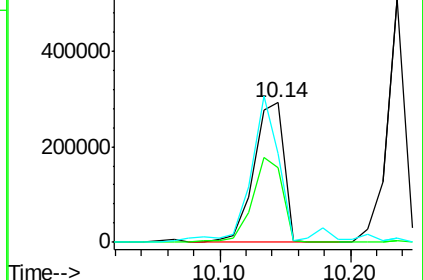
65 63.7 85.8 125.8#



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: 42.29 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF092471.D

Acq: 25 Jan 2017 12:47

Tgt Ion:165 Resp: 308227

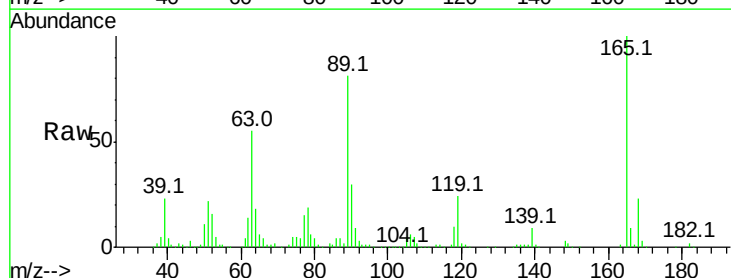
Ion Ratio Lower Upper

165 100

63 55.1 40.2 60.4

89 80.8 62.5 93.7

182 2.2 1.8 2.8

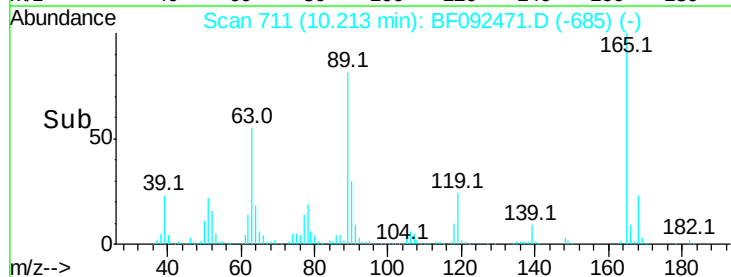
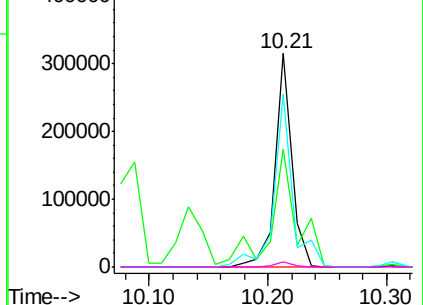


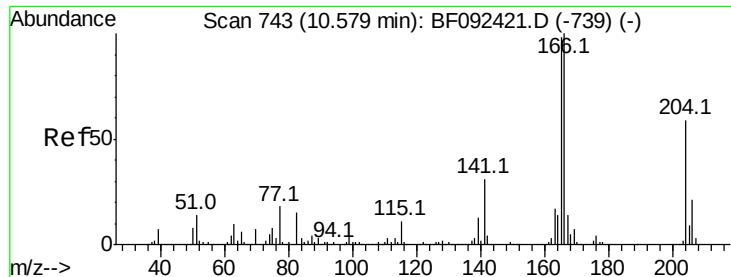
Abundance Ion 165.00 (164.70 to 165.70): E

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

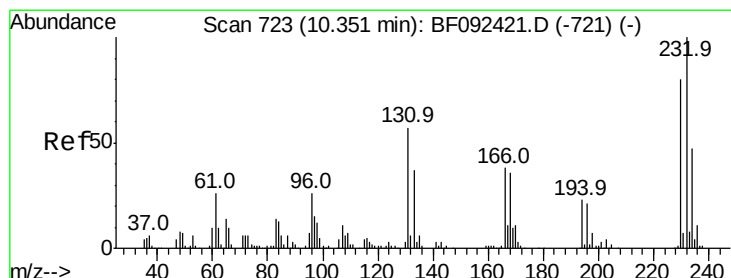
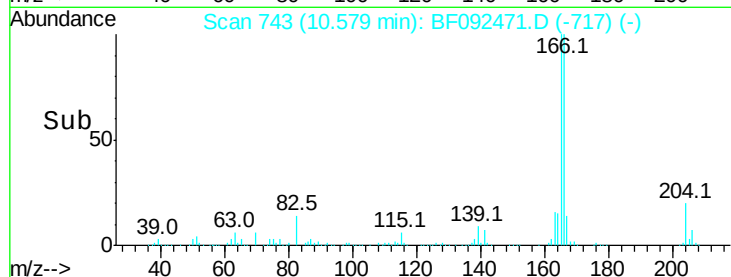
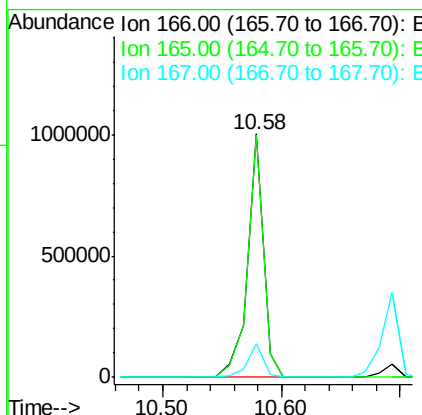
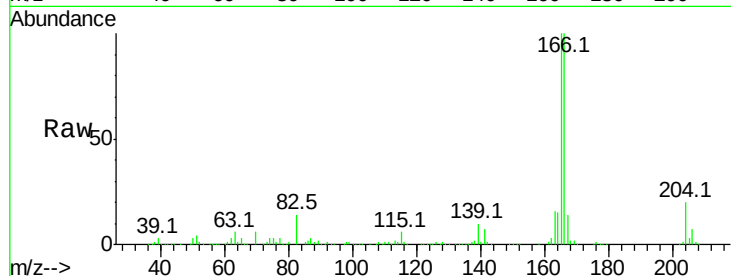




#57
 Fluorene
 Concen: 41.09 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF092471.D
 Acq: 25 Jan 2017 12:47

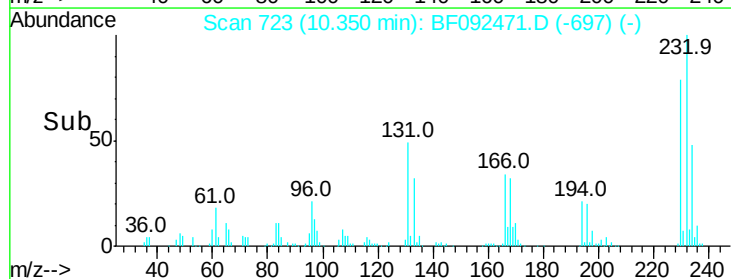
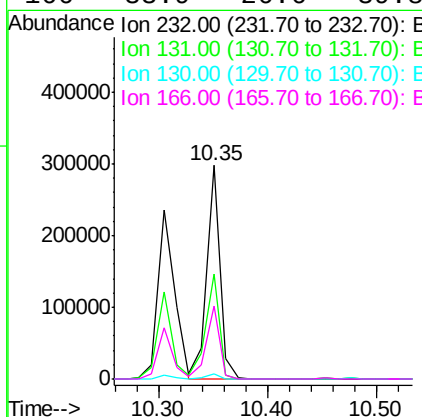
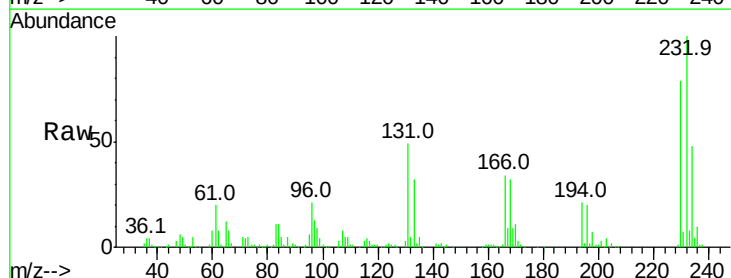
Instrument :
 BNA_F
 ClientSampleID :

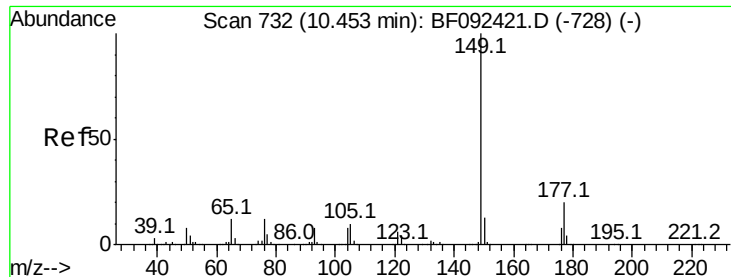
Tot Ion:166 Resp: 940316
 Ion Ratio Lower Upper
 166 100
 165 99.7 77.8 116.8
 167 13.8 10.8 16.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.92 ng
 RT: 10.35 min Scan# 723
 Delta R.T. -0.00 min
 Lab File: BF092471.D
 Acq: 25 Jan 2017 12:47

Tgt Ion:232 Resp: 257006
 Ion Ratio Lower Upper
 232 100
 131 50.1 40.1 60.1
 130 2.5 1.8 2.8
 166 33.9 26.6 39.8

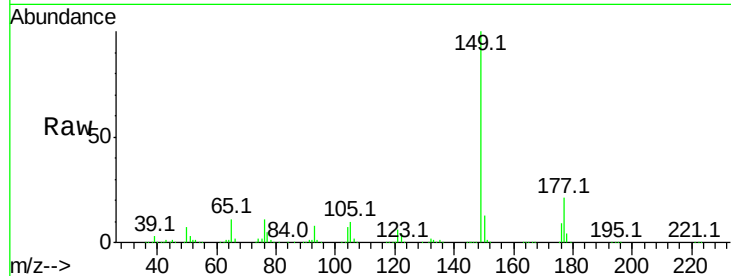




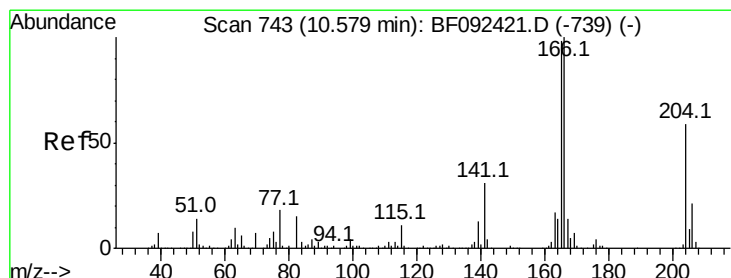
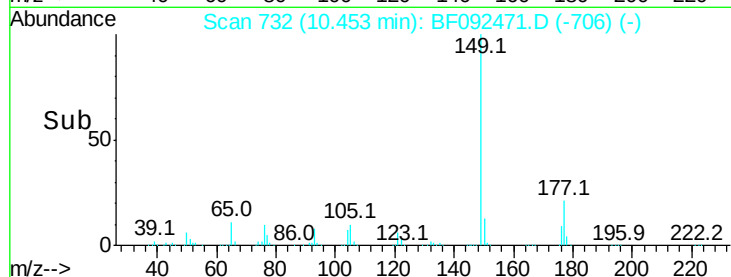
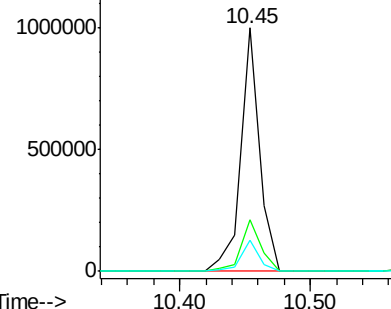
#59
Diethylphthalate
Concen: 39.27 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF092471.D
Acq: 25 Jan 2017 12:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 1011472
Ion Ratio Lower Upper
149 100
177 21.1 16.6 25.0
150 12.7 10.4 15.6

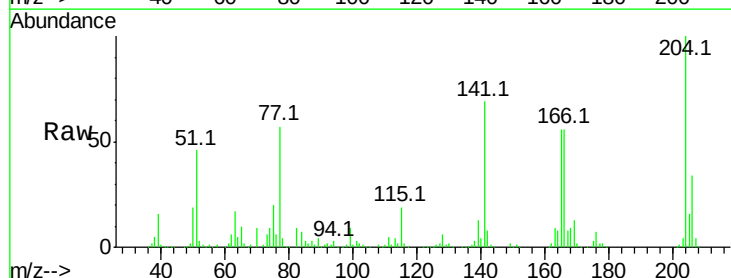


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

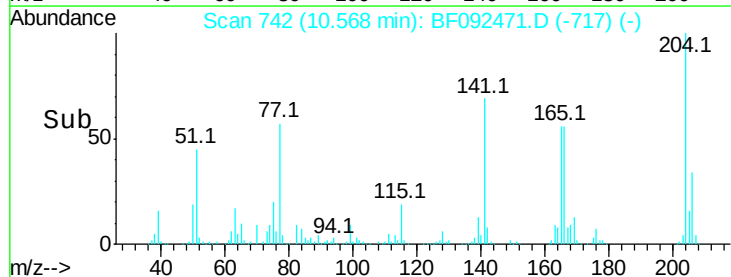
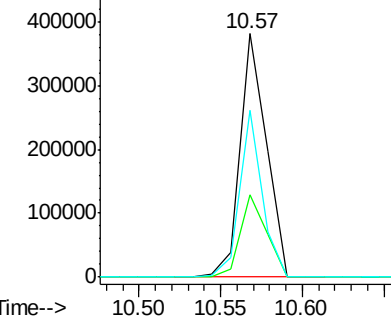


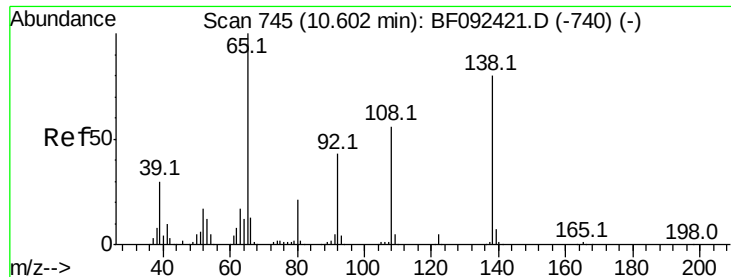
#60
4-Chlorophenyl-phenylether
Concen: 38.43 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF092471.D
Acq: 25 Jan 2017 12:47

Tgt Ion:204 Resp: 426537
Ion Ratio Lower Upper
204 100
206 33.6 25.8 38.6
141 68.7 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

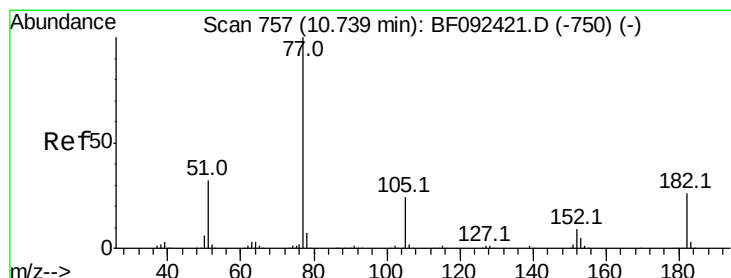
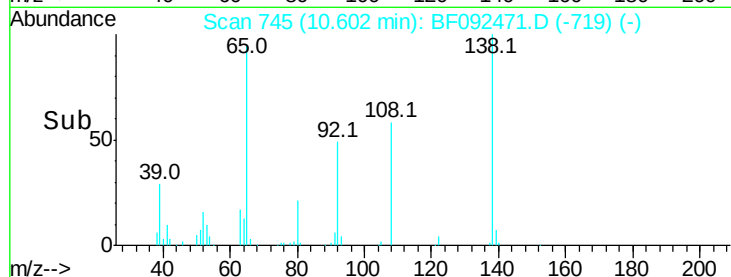
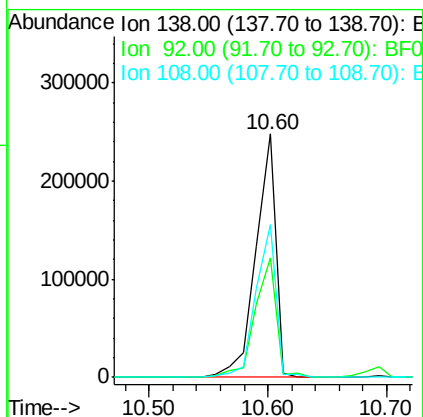
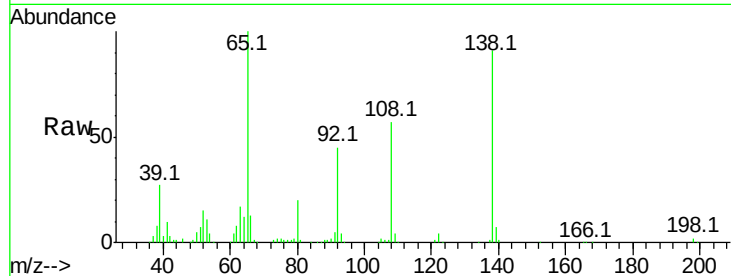




#61
4-Nitroaniline
Concen: 42.48 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF092471.D
Acq: 25 Jan 2017 12:47

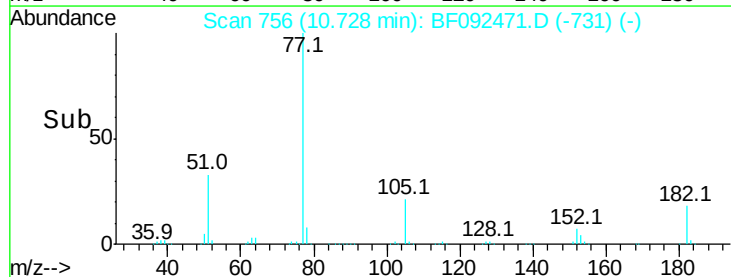
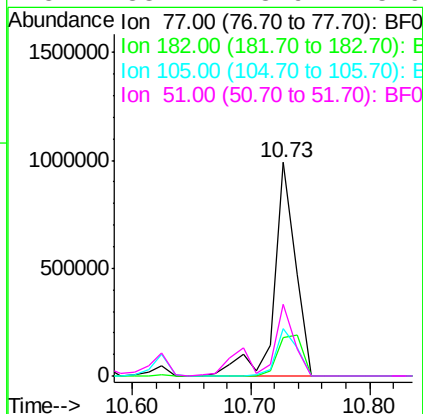
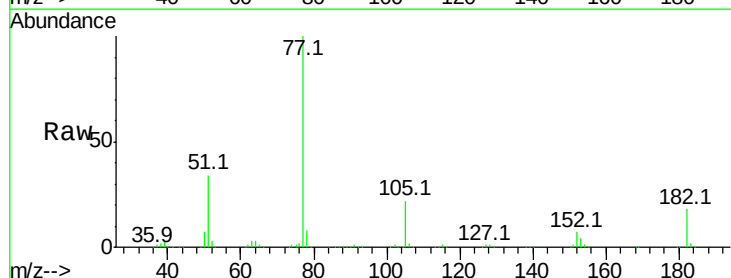
Instrument :
BNA_F
ClientSampleId :

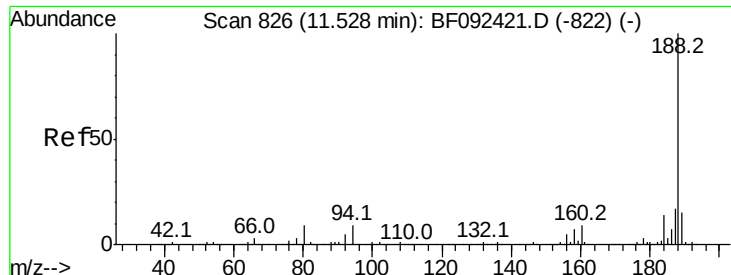
Tot Ion:138 Resp: 292157
Ion Ratio Lower Upper
138 100
92 48.9 31.7 71.7
108 62.6 52.6 92.6



#62
Azobenzene
Concen: 41.74 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF092471.D
Acq: 25 Jan 2017 12:47

Tgt Ion: 77 Resp: 1223569
Ion Ratio Lower Upper
77 100
182 18.2 0.0 39.3
105 22.5 2.3 42.3
51 33.7 8.9 48.9

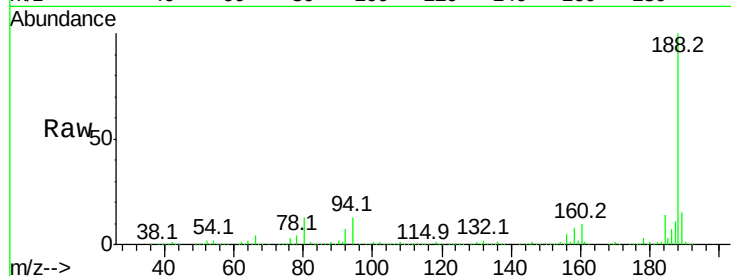




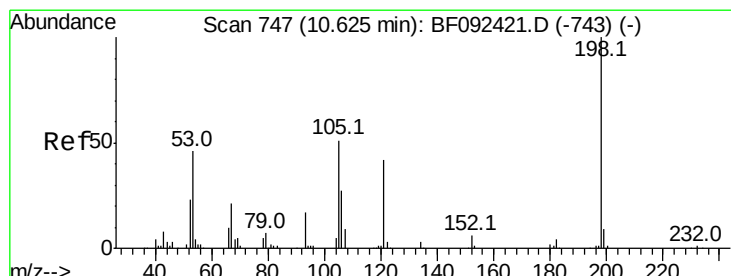
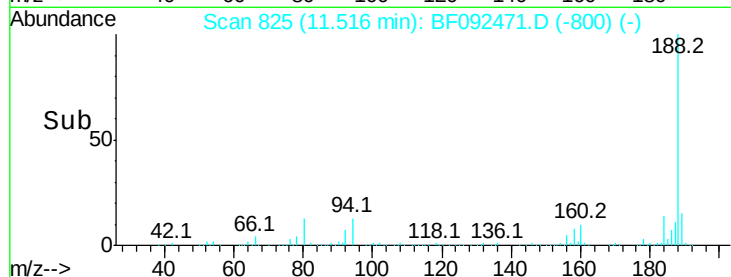
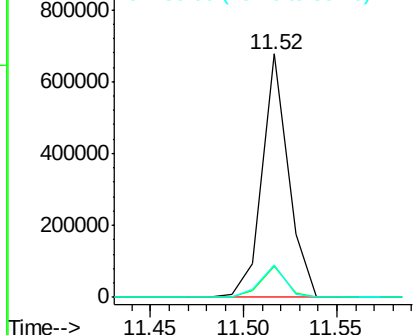
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092471.D
Acq: 25 Jan 2017 12:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 657773
Ion Ratio Lower Upper
188 100
94 12.6 10.0 15.0
80 13.4 11.2 16.8

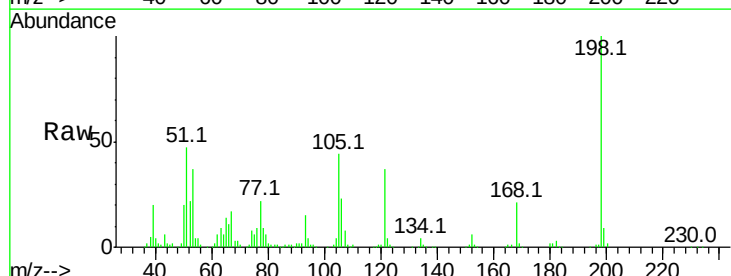


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

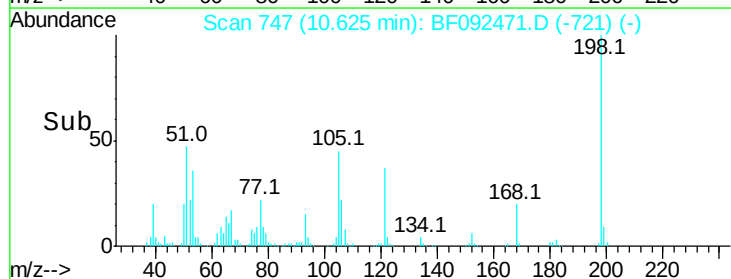
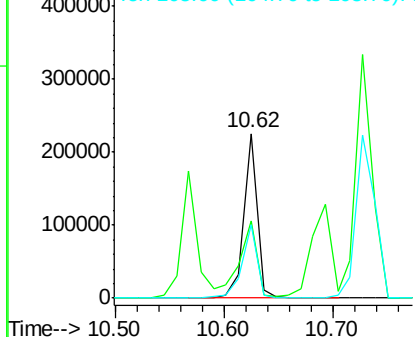


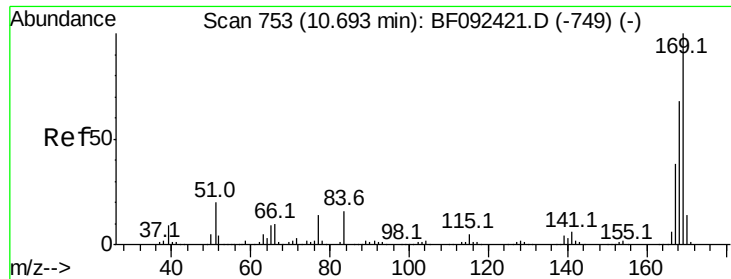
#64
4,6-Dinitro-2-methylphenol
Concen: 52.87 ng
RT: 10.62 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF092471.D
Acq: 25 Jan 2017 12:47

Tgt Ion:198 Resp: 189383
Ion Ratio Lower Upper
198 100
51 46.9 6.7 46.7#
105 44.4 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

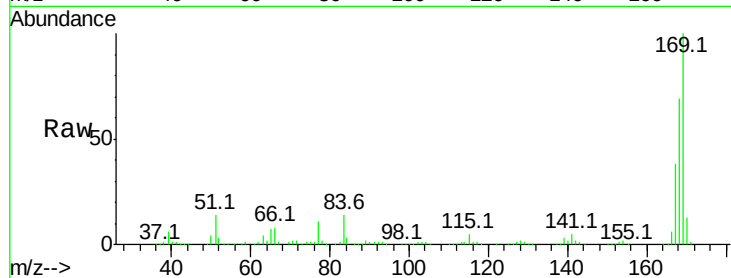




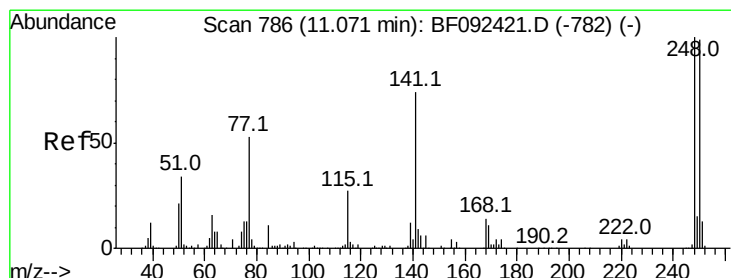
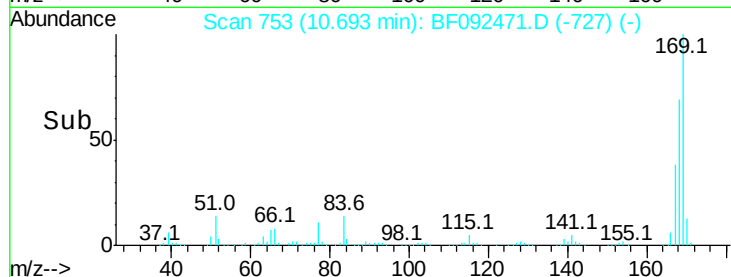
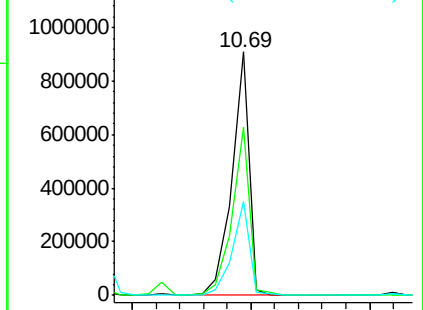
#65
 n-Nitrosodiphenylamine
 Concen: 44.43 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.00 min
 Lab File: BF092471.D
 Acq: 25 Jan 2017 12:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 912618
 Ion Ratio Lower Upper
 169 100
 168 68.8 54.2 81.2
 167 38.3 30.2 45.4

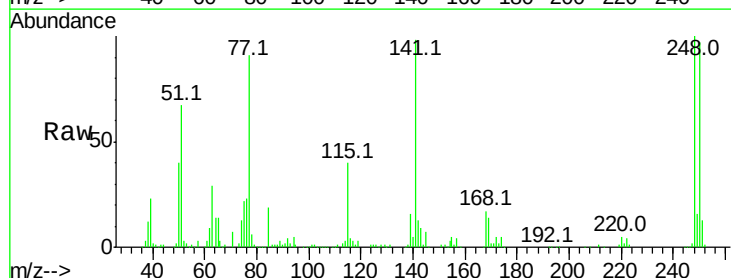


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

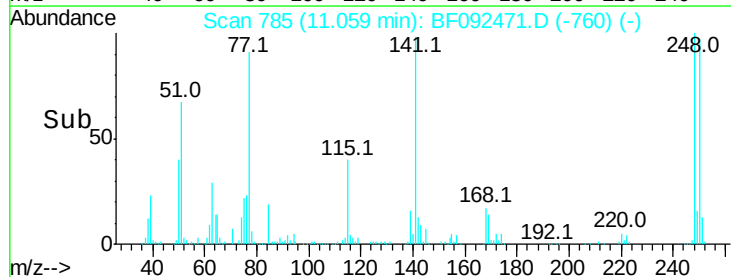
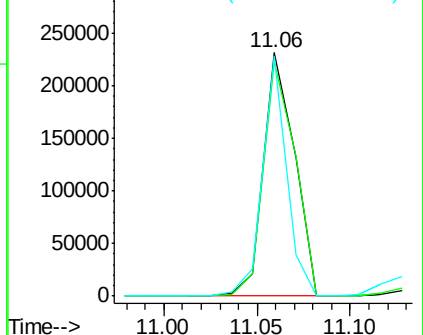


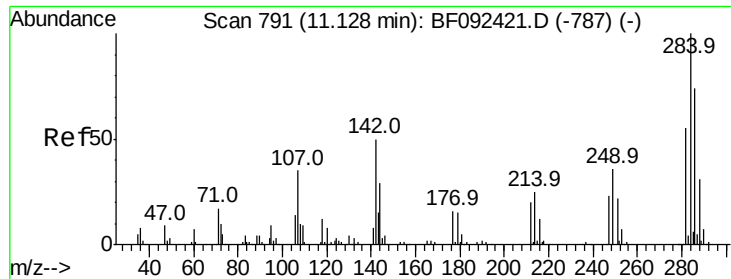
#66
 4-Bromophenyl-phenylether
 Concen: 40.01 ng
 RT: 11.06 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF092471.D
 Acq: 25 Jan 2017 12:47

Tgt Ion:248 Resp: 265749
 Ion Ratio Lower Upper
 248 100
 250 96.5 76.9 115.3
 141 98.5 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: 40.86 ng

RT: 11.13 min Scan# 791

Delta R.T. -0.00 min

Lab File: BF092471.D

Acq: 25 Jan 2017 12:47

Instrument :

BNA_F

ClientSampled :

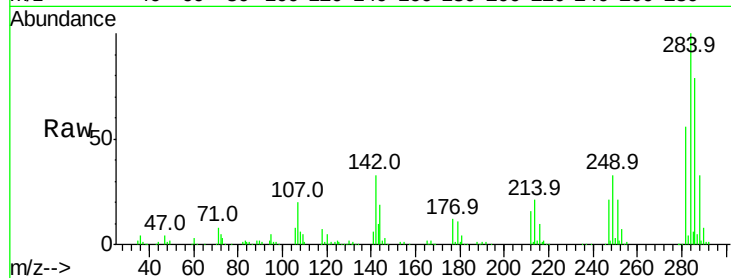
Tot Ion:284 Resp: 274318

Ion Ratio Lower Upper

284 100

142 33.4 22.6 33.8

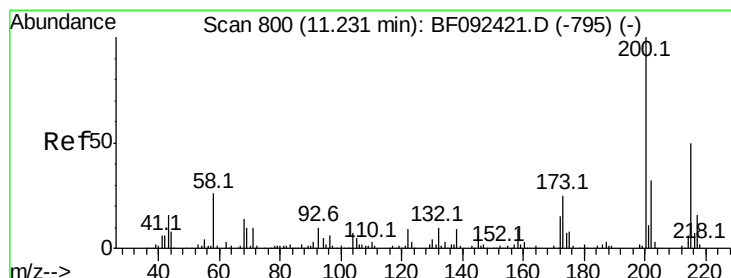
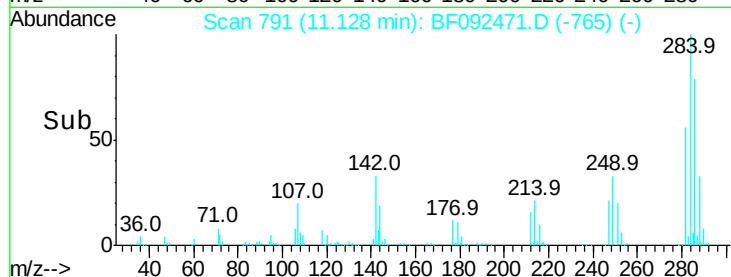
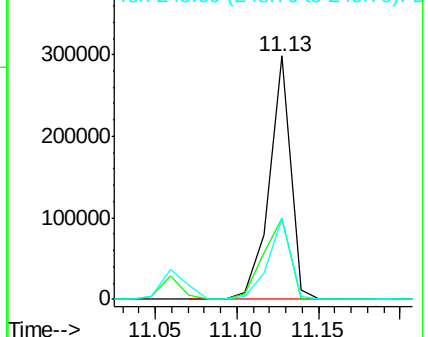
249 33.4 25.4 38.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 36.05 ng

RT: 11.22 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF092471.D

Acq: 25 Jan 2017 12:47

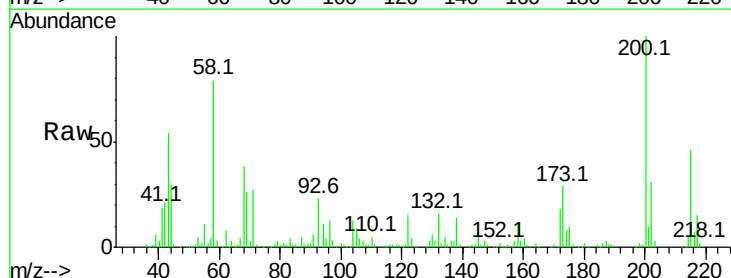
Tgt Ion:200 Resp: 253439

Ion Ratio Lower Upper

200 100

173 28.9 9.6 49.6

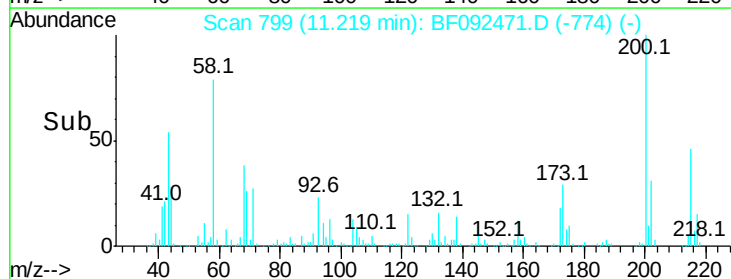
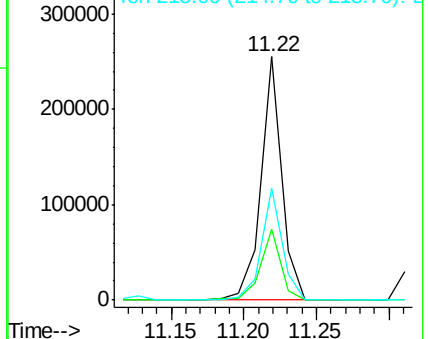
215 46.1 25.7 65.7

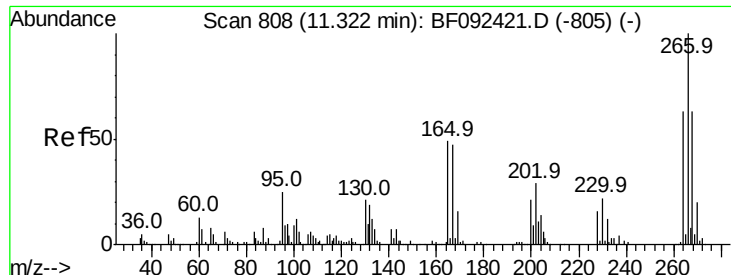


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

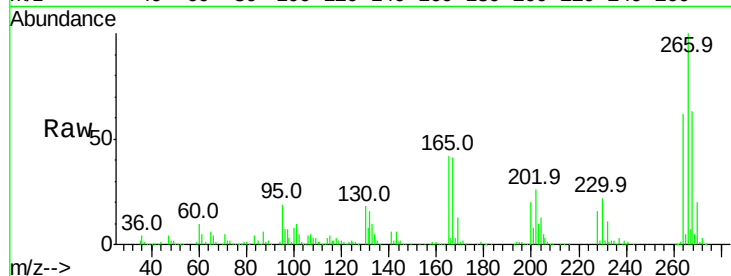




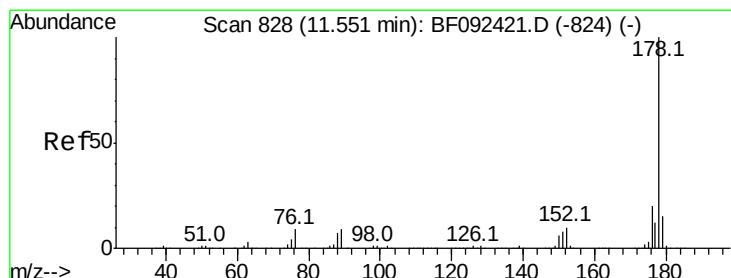
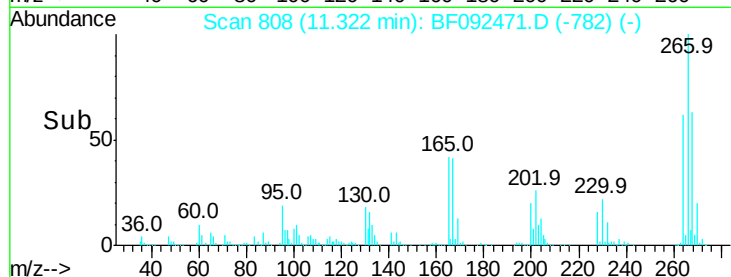
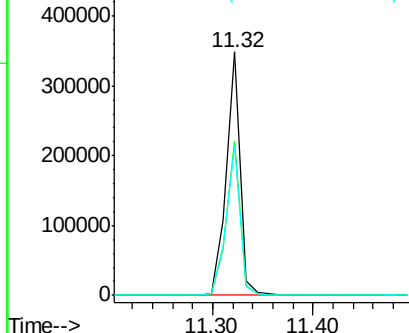
#69
 Pentachlorophenol
 Concen: 78.17 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF092471.D
 Acq: 25 Jan 2017 12:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 335522
 Ion Ratio Lower Upper
 266 100
 268 63.1 53.3 79.9
 264 61.9 50.3 75.5

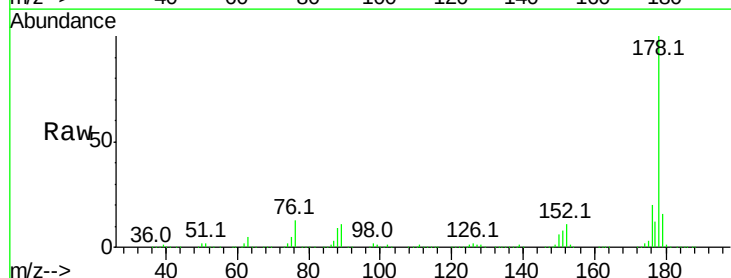


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

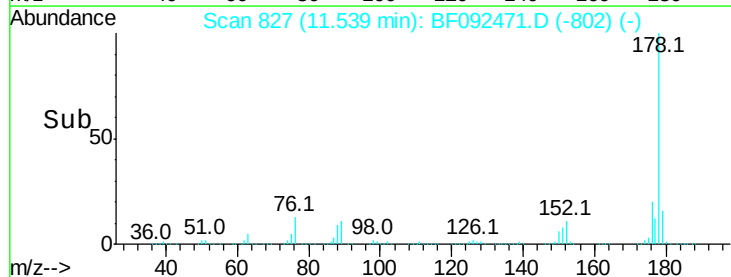
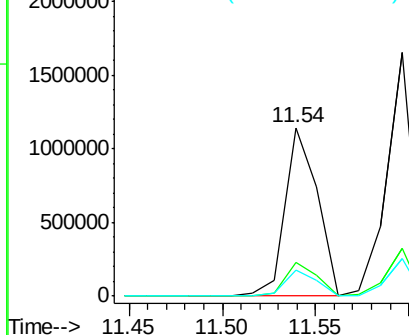


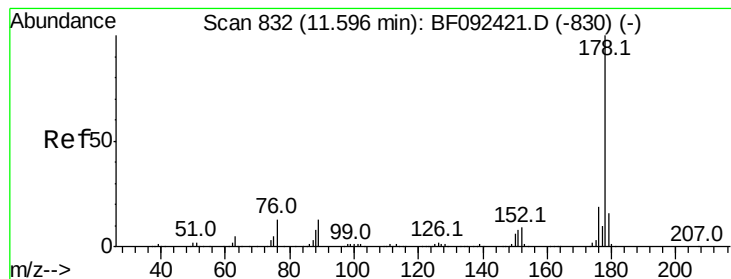
#70
 Phenanthrene
 Concen: 38.10 ng
 RT: 11.54 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF092471.D
 Acq: 25 Jan 2017 12:47

Tgt Ion:178 Resp: 1380023
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.6 25.0
 179 15.8 12.8 19.2



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





#71

Anthracene

Concen: 43.22 ng

RT: 11.60 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF092471.D

Acq: 25 Jan 2017 12:47

Instrument :

BNA_F

ClientSampleId :

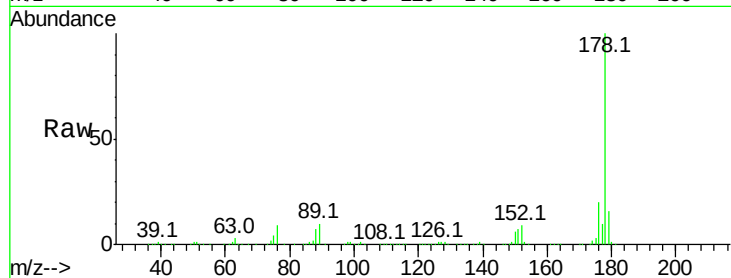
Tot Ion:178 Resp: 1530002

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

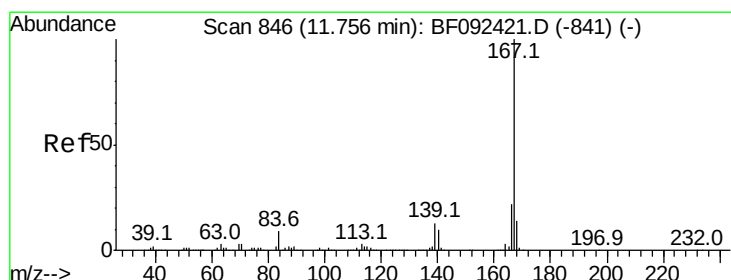
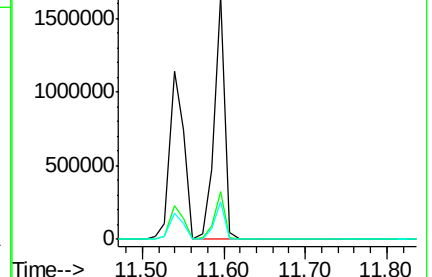
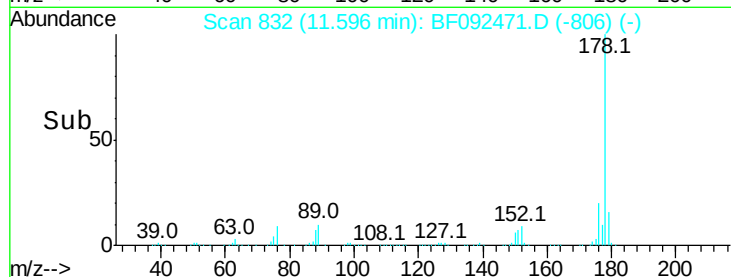
179 15.6 13.2 19.8



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: 36.74 ng

RT: 11.74 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF092471.D

Acq: 25 Jan 2017 12:47

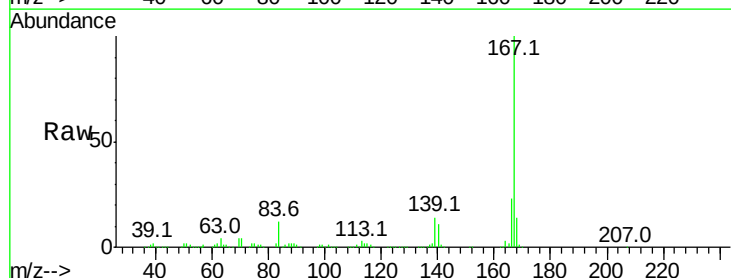
Tgt Ion:167 Resp: 1241906

Ion Ratio Lower Upper

167 100

166 22.7 18.2 27.2

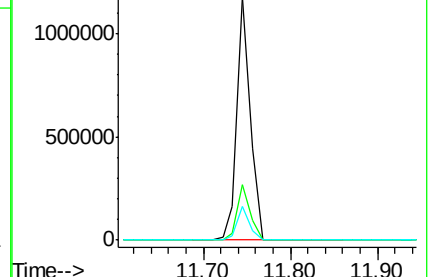
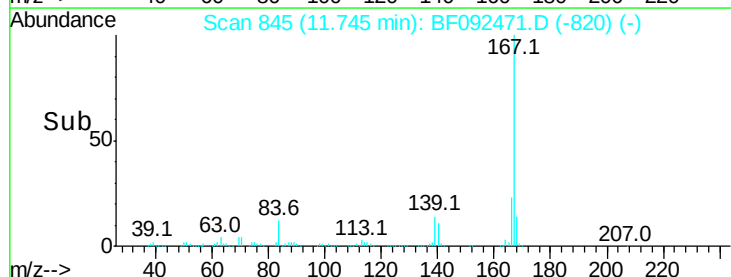
139 13.9 11.4 17.2

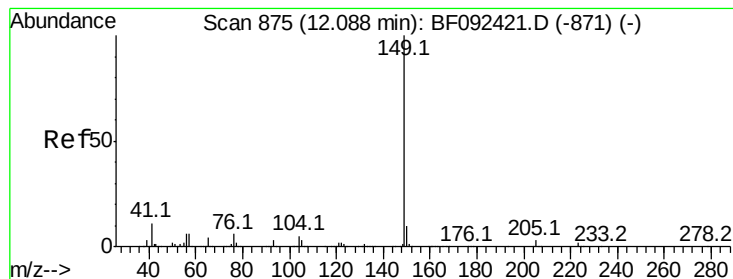


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.02 ng

RT: 12.09 min Scan# 875

Delta R.T. -0.00 min

Lab File: BF092471.D

Acq: 25 Jan 2017 12:47

Instrument :

BNA_F

ClientSampleId :

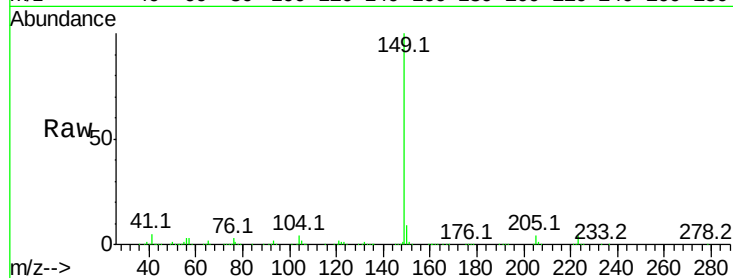
Tot Ion:149 Resp: 1701425

Ion Ratio Lower Upper

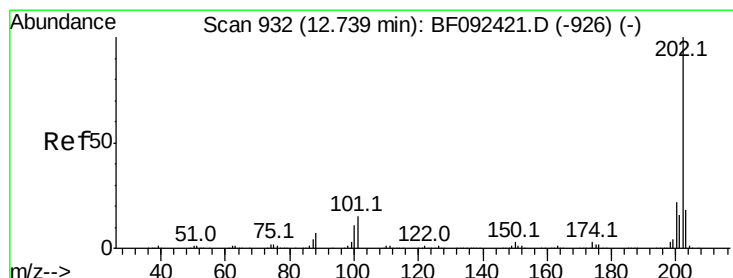
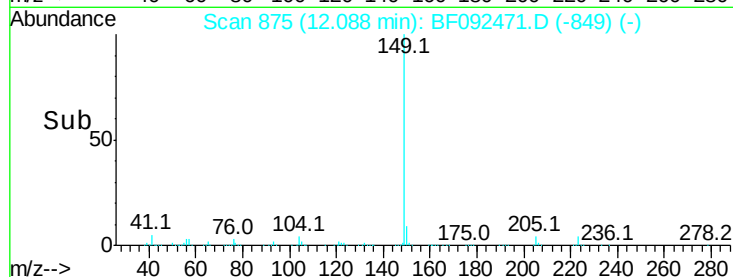
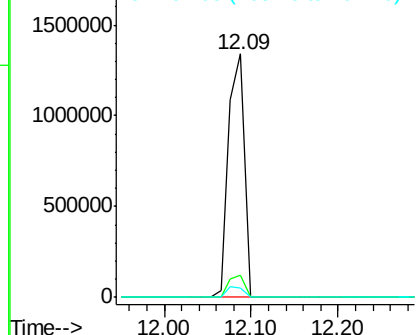
149 100

150 9.1 8.1 12.1

104 3.6 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: 39.33 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF092471.D

Acq: 25 Jan 2017 12:47

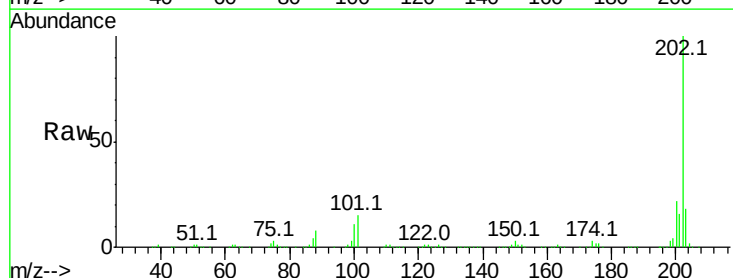
Tgt Ion:202 Resp: 1393553

Ion Ratio Lower Upper

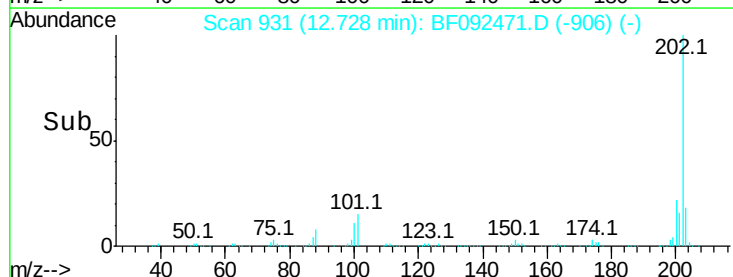
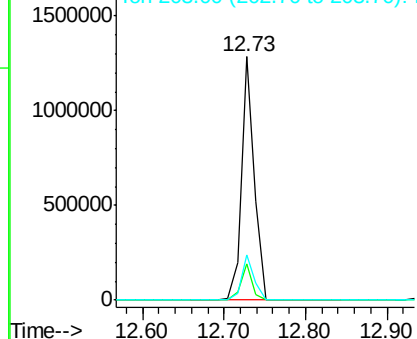
202 100

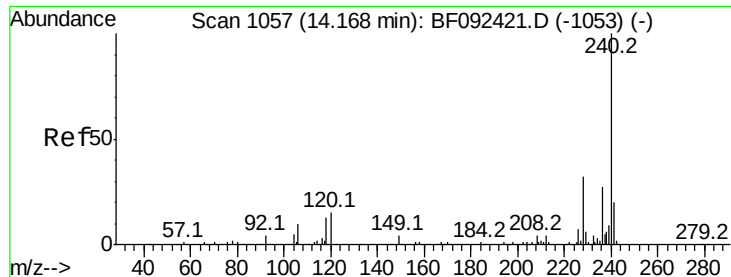
101 15.1 0.0 34.6

203 18.4 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: BF092471.D

Acq: 25 Jan 2017 12:47

Instrument :

BNA_F

ClientSampleId :

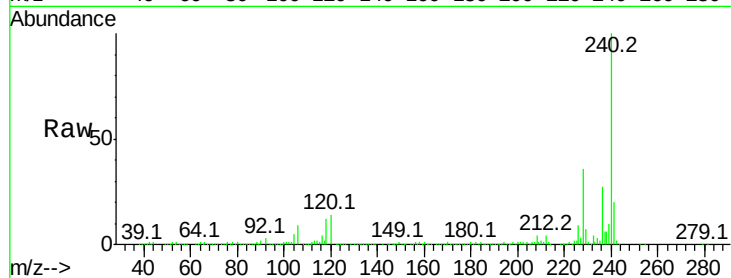
Tot Ion:240 Resp: 538844

Ion Ratio Lower Upper

240 100

120 13.9 12.9 19.3

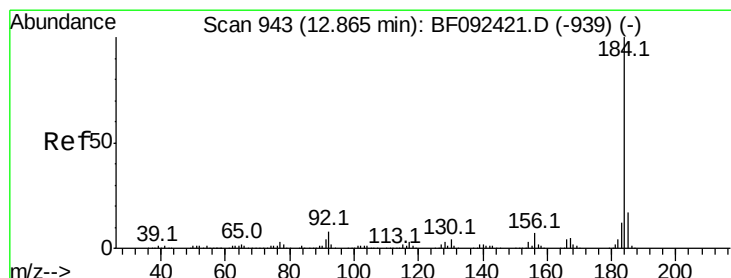
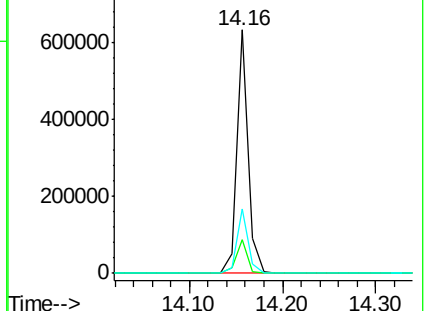
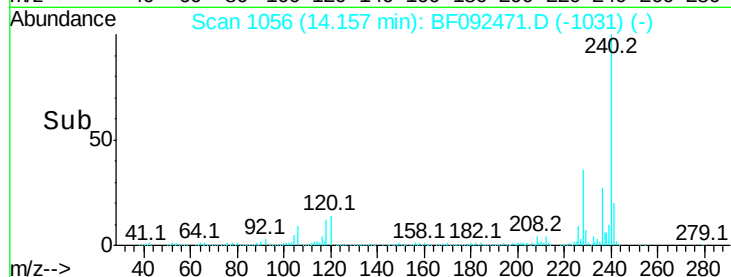
236 26.6 20.9 31.3



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: 26.16 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF092471.D

Acq: 25 Jan 2017 12:47

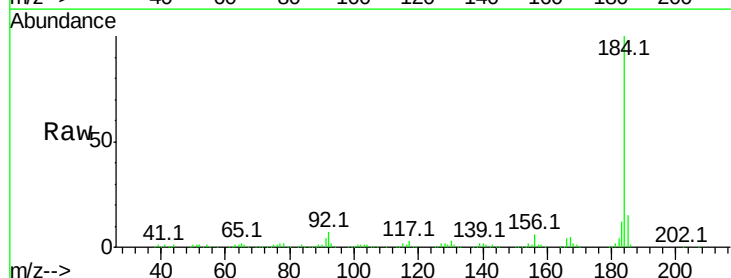
Tgt Ion:184 Resp: 523236

Ion Ratio Lower Upper

184 100

185 14.6 13.4 20.0

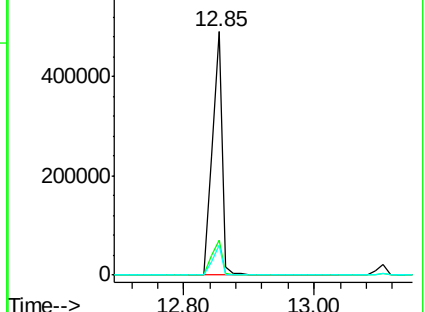
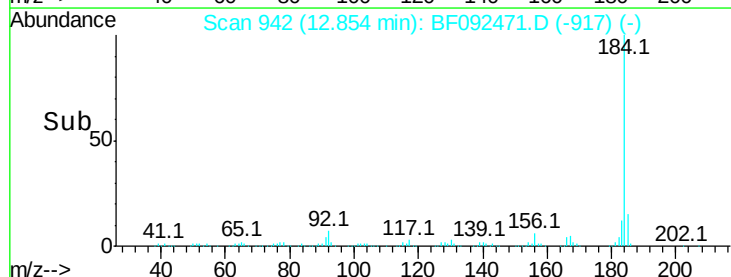
183 12.0 9.2 13.8

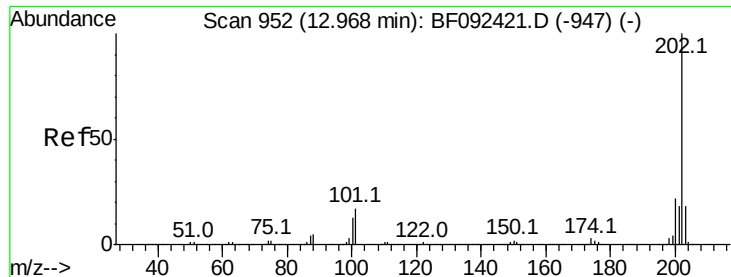


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

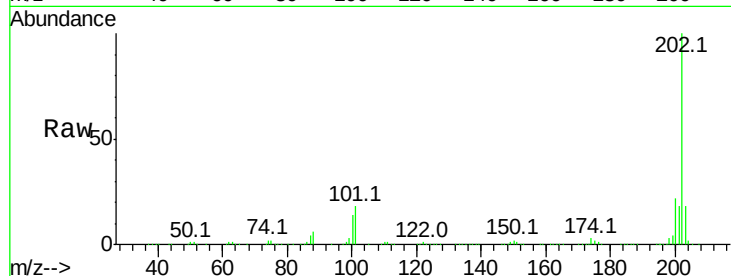




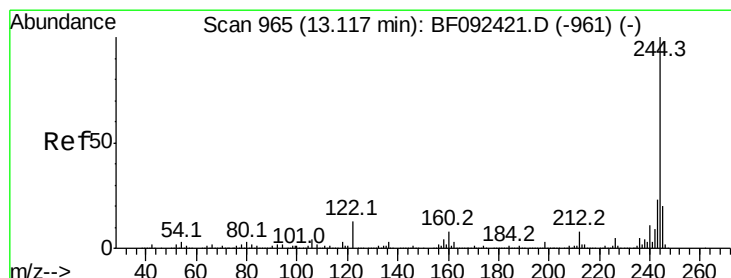
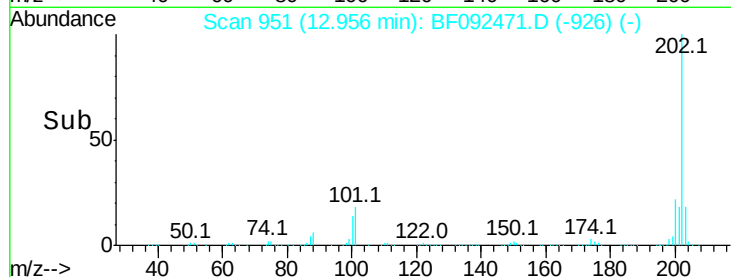
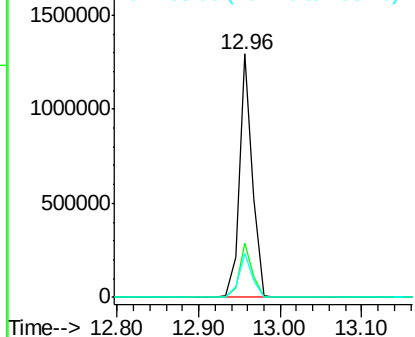
#77
Pvrene
Concen: 36.11 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF092471.D
Acq: 25 Jan 2017 12:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1409650
Ion Ratio Lower Upper
202 100
200 22.3 17.7 26.5
203 17.8 14.7 22.1

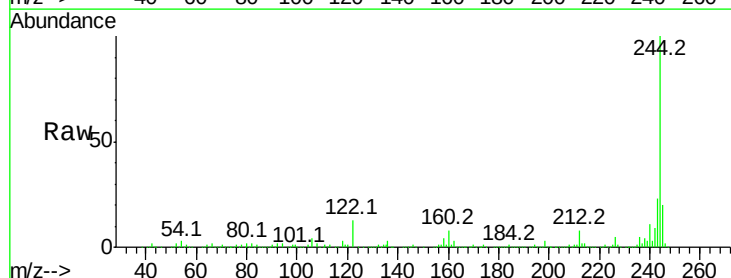


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

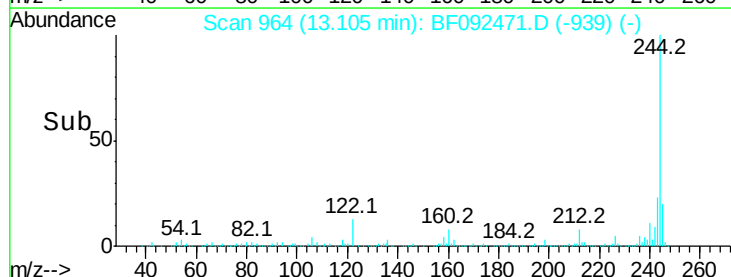
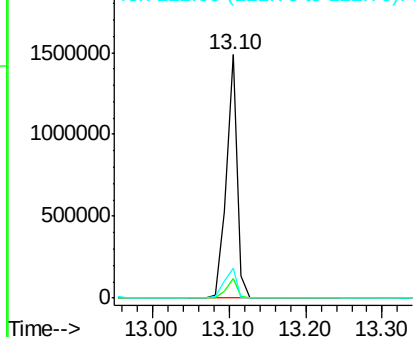


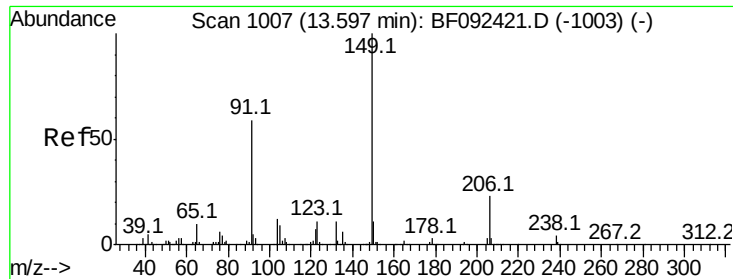
#78
Terphenyl-d14
Concen: 74.33 ng
RT: 13.10 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF092471.D
Acq: 25 Jan 2017 12:47

Tgt Ion:244 Resp: 1504102
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.2
122 12.5 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: 44.77 ng

RT: 13.57 min Scan# 1005

Delta R.T. -0.02 min

Lab File: BF092471.D

Acq: 25 Jan 2017 12:47

Instrument :

BNA_F

ClientSampleId :

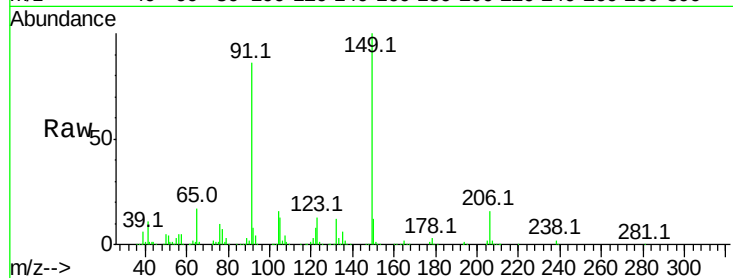
Tot Ion:149 Resp: 708100

Ion Ratio Lower Upper

149 100

91 86.0 63.9 95.9

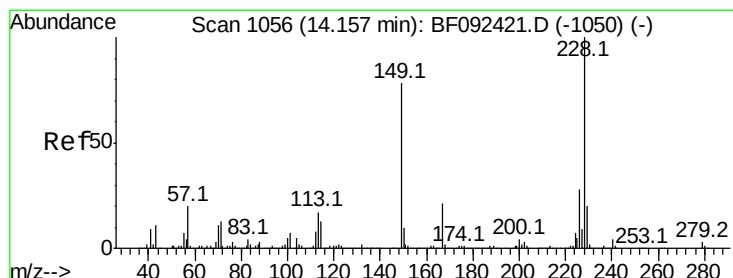
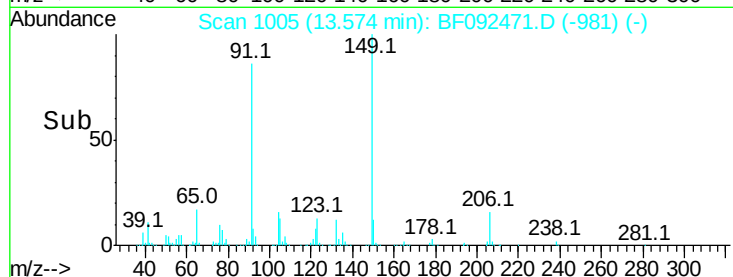
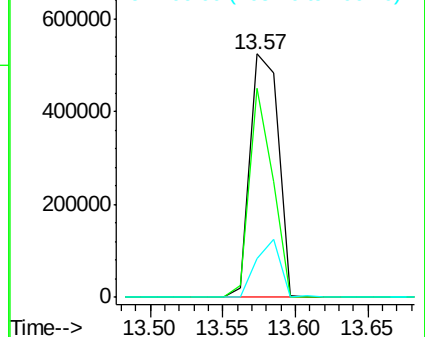
206 16.2 14.6 21.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.09 ng

RT: 14.15 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BF092471.D

Acq: 25 Jan 2017 12:47

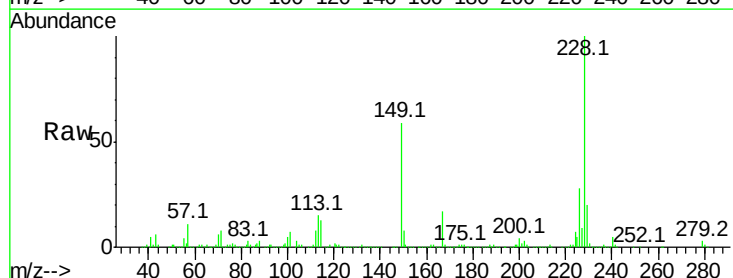
Tgt Ion:228 Resp: 1161042

Ion Ratio Lower Upper

228 100

226 27.6 22.4 33.6

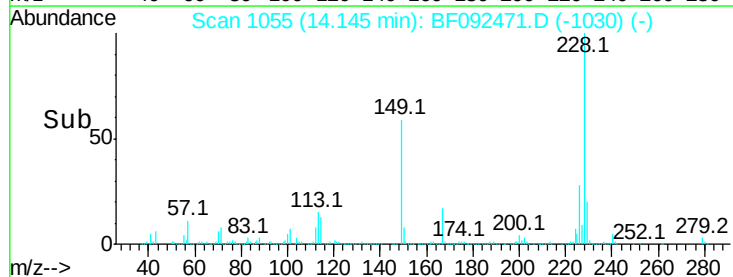
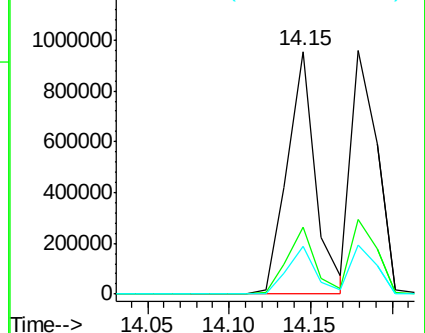
229 19.6 16.2 24.4

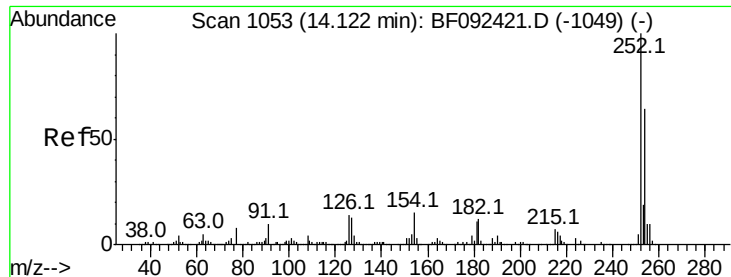


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

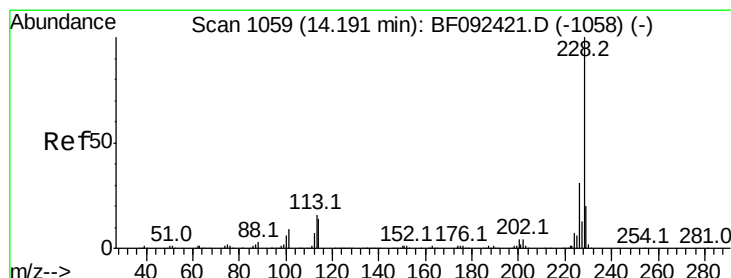
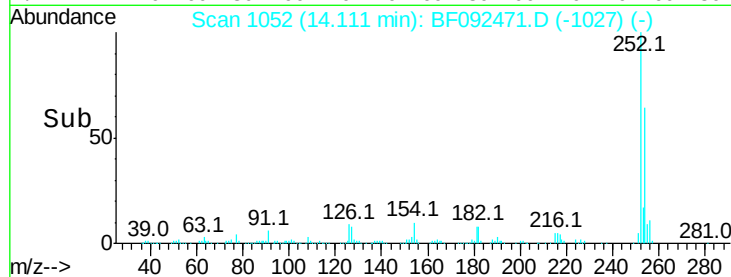
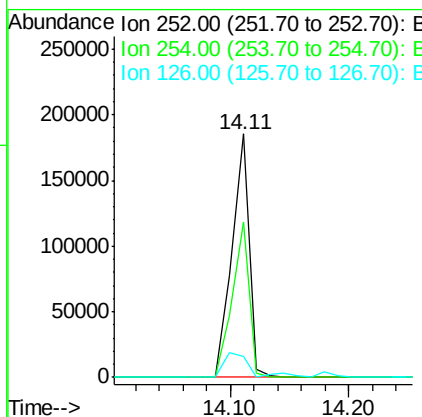
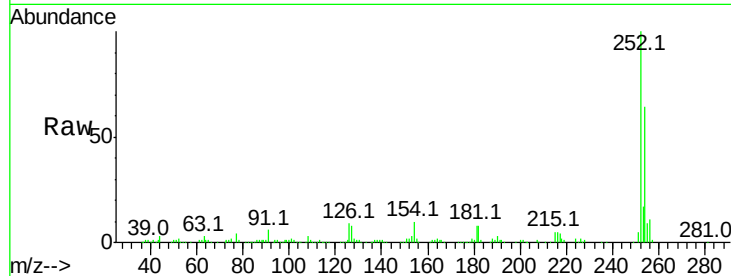




#81
 3,3'-Dichlorobenzidine
 Concen: 16.99 ng
 RT: 14.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BF092471.D
 Acq: 25 Jan 2017 12:47

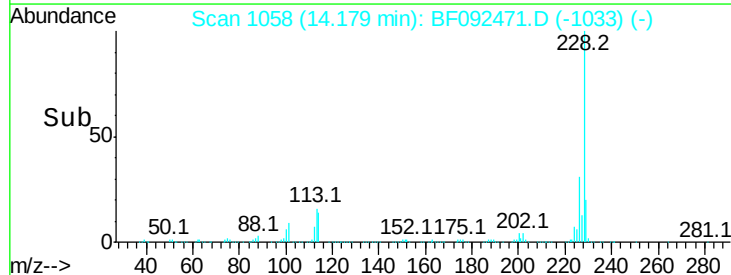
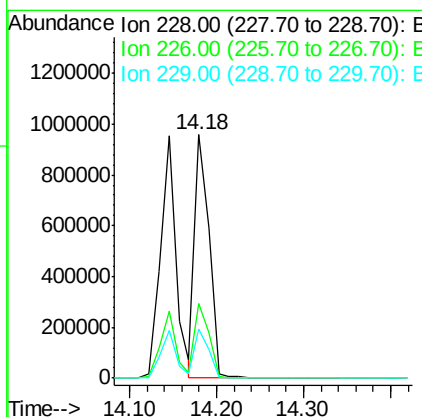
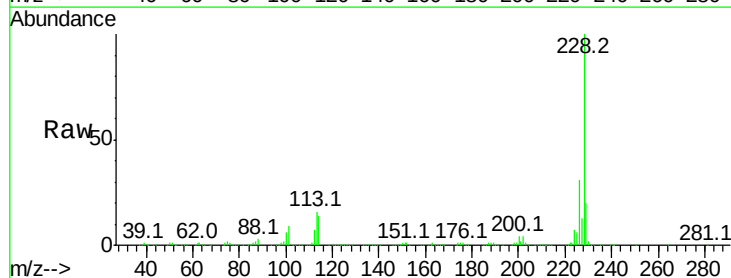
Instrument :
 BNA_F
 ClientSampled :

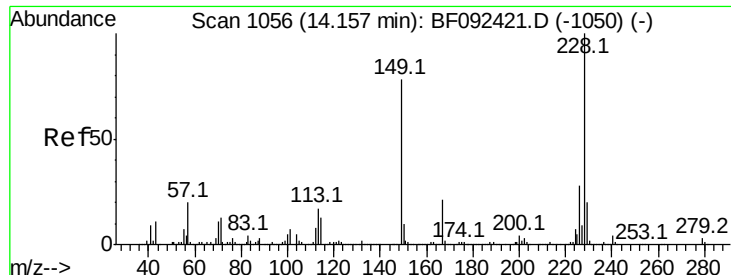
Tot Ion:252 Resp: 186789
 Ion Ratio Lower Upper
 252 100
 254 63.8 52.3 78.5
 126 8.7 13.6 20.4#



#82
 Chrysene
 Concen: 35.12 ng
 RT: 14.18 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BF092471.D
 Acq: 25 Jan 2017 12:47

Tgt Ion:228 Resp: 1086042
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.4 38.0
 229 20.1 16.2 24.2

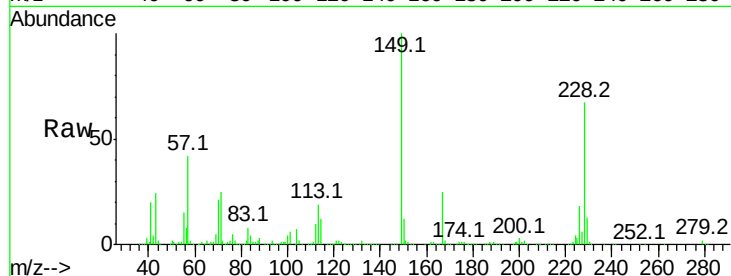




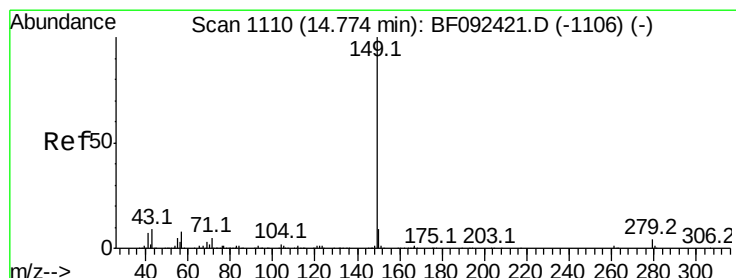
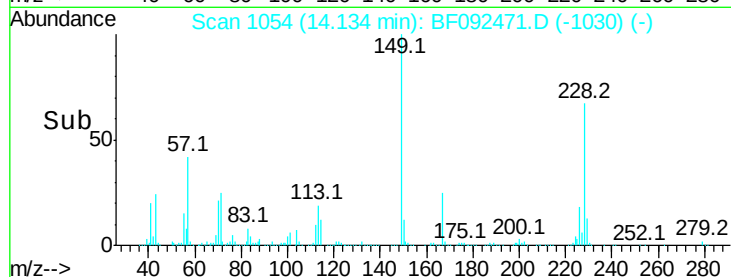
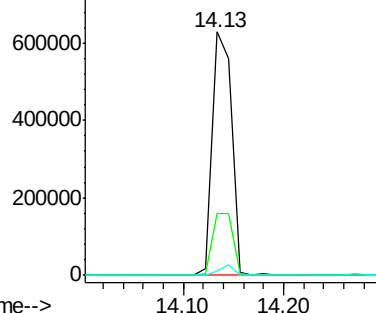
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.16 ng
 RT: 14.13 min Scan# 1054
 Delta R.T. -0.02 min
 Lab File: BF092471.D
 Acq: 25 Jan 2017 12:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 839870
 Ion Ratio Lower Upper
 149 100
 167 25.3 20.2 30.4
 279 1.9 1.8 2.8

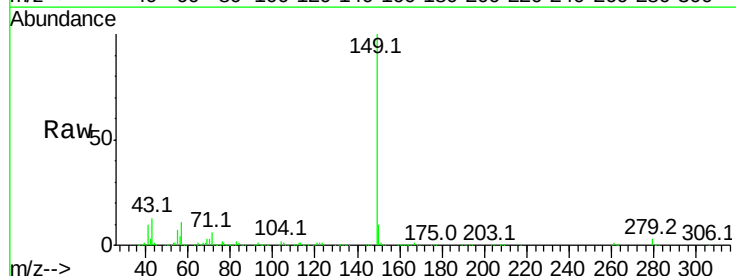


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

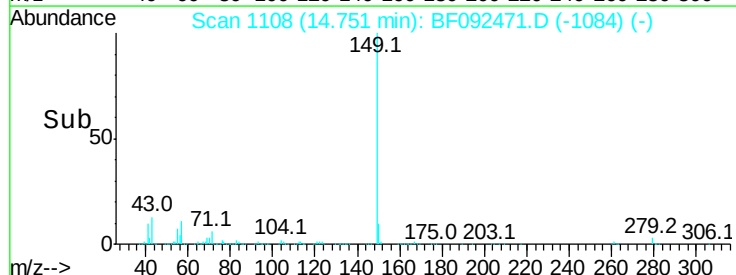
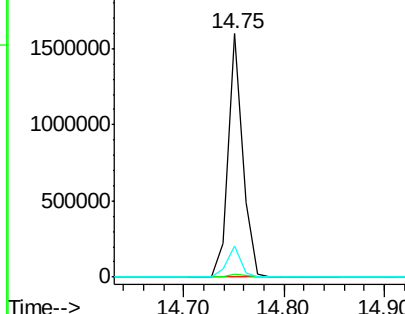


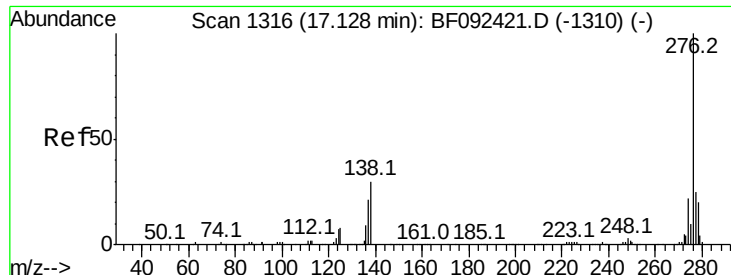
#84
 Di-n-octyl phthalate
 Concen: 44.38 ng
 RT: 14.75 min Scan# 1108
 Delta R.T. -0.02 min
 Lab File: BF092471.D
 Acq: 25 Jan 2017 12:47

Tgt Ion:149 Resp: 1604888
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 12.1 8.9 13.3



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0



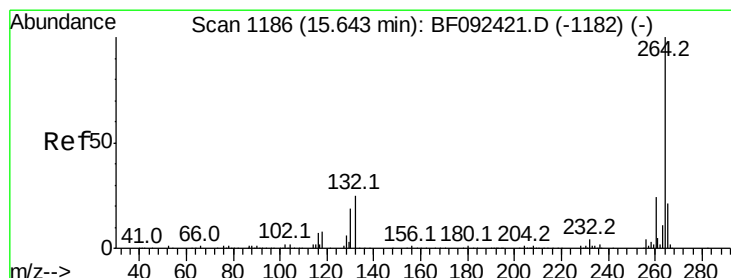
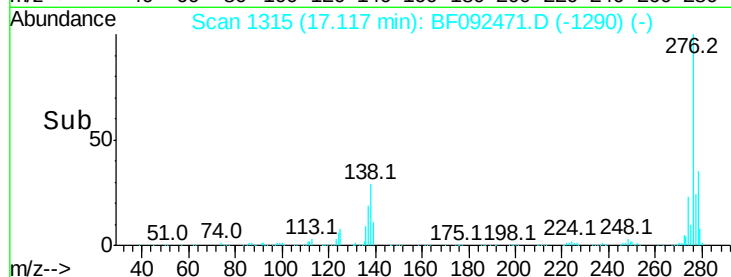
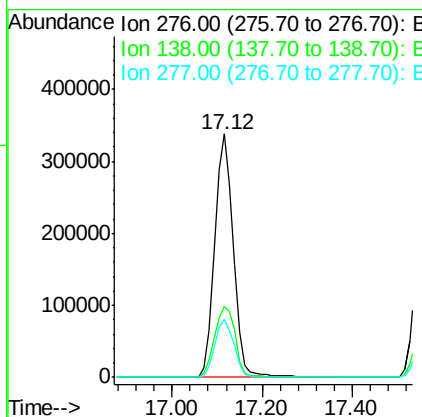
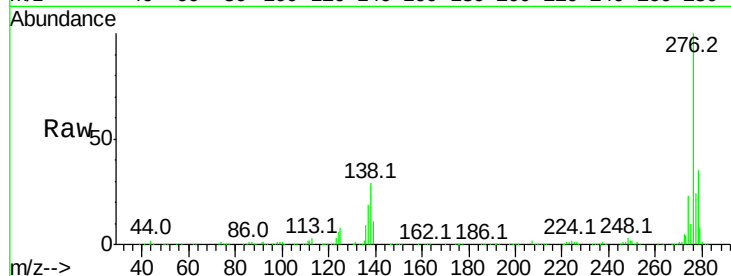


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.64 ng
 RT: 17.12 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF092471.D
 Acq: 25 Jan 2017 12:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 975788

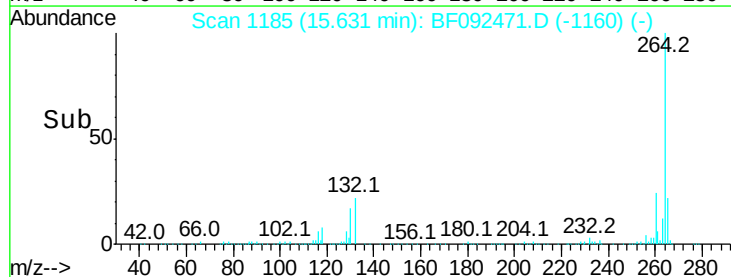
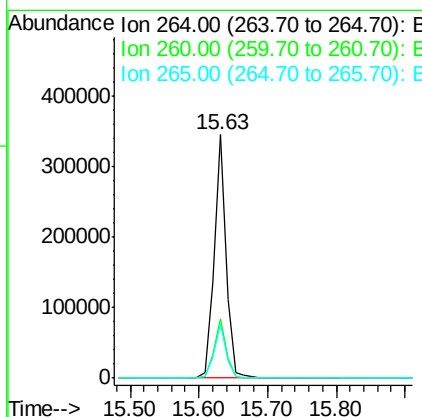
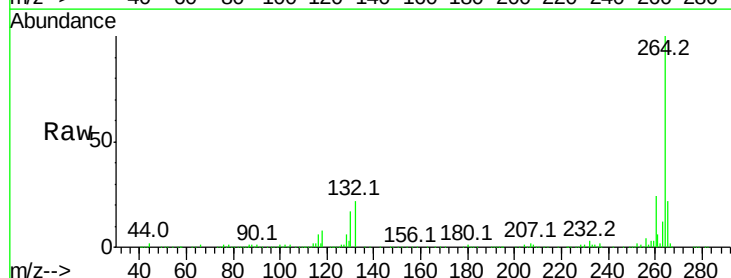
Ion	Ratio	Lower	Upper
276	100		
138	32.3	21.8	32.6
277	24.7	20.2	30.4

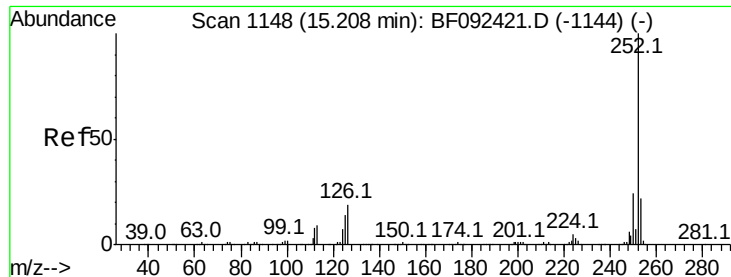


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.63 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF092471.D
 Acq: 25 Jan 2017 12:47

Tgt Ion:264 Resp: 424865

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.2	17.4	26.0

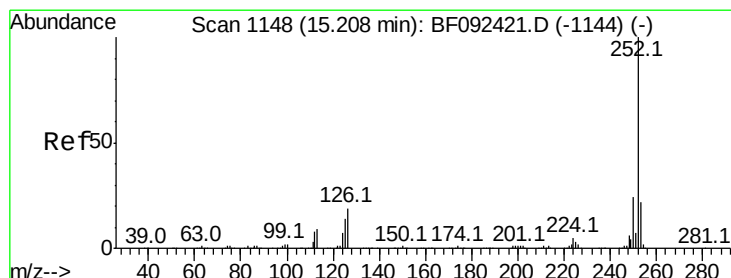
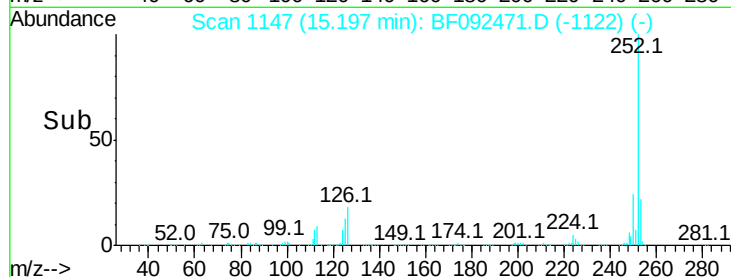
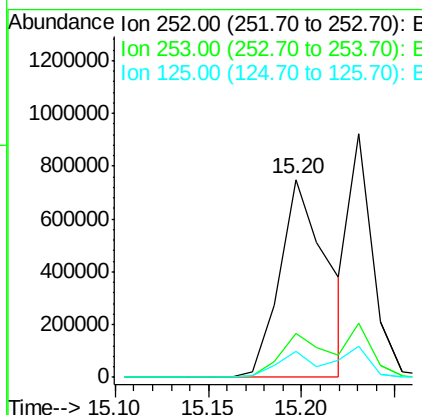
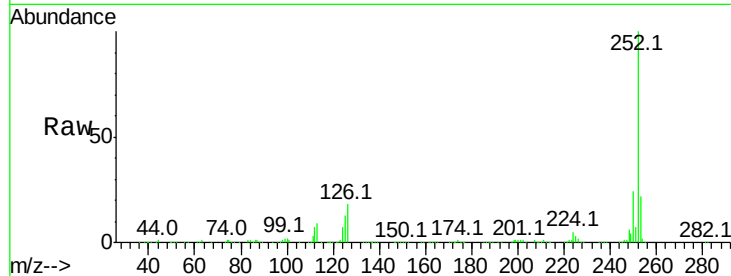




#87
Benzo(b)fluoranthene
Concen: 48.61 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF092471.D
Acq: 25 Jan 2017 12:47

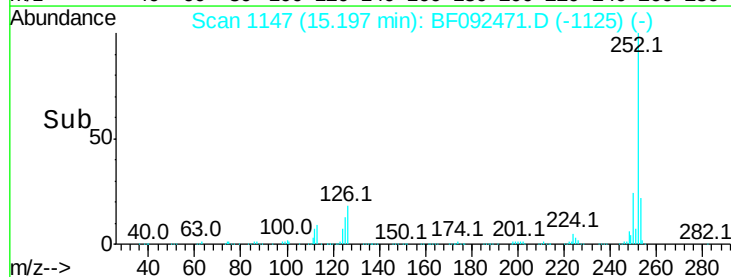
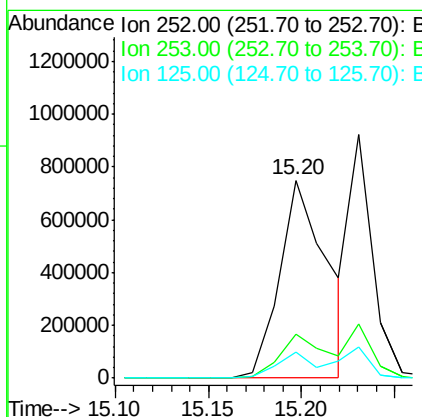
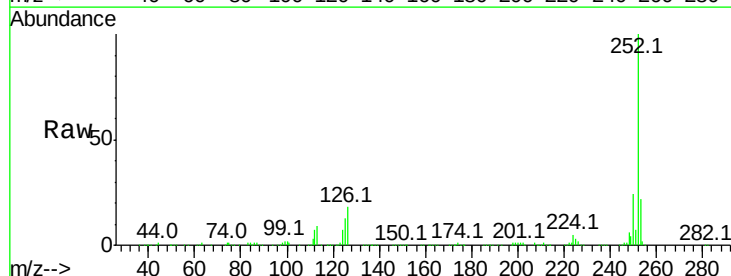
Instrument :
BNA_F
ClientSampleId :

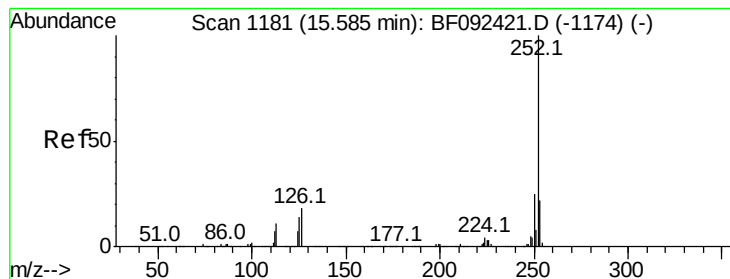
Tot Ion:252 Resp: 1325886
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.4
125 13.4 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 58.46 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.05 min
Lab File: BF092471.D
Acq: 25 Jan 2017 12:47

Tgt Ion:252 Resp: 1325886
Ion Ratio Lower Upper
252 100
253 21.9 18.5 27.7
125 13.4 8.9 13.3#





#89

Benzo(a)pyrene

Concen: 44.49 ng

RT: 15.57 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BF092471.D

Acq: 25 Jan 2017 12:47

Instrument :

BNA_F

ClientSampleId :

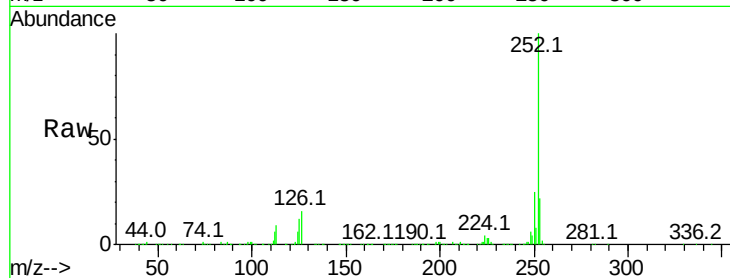
Tot Ion:252 Resp: 1026525

Ion Ratio Lower Upper

252 100

253 21.6 18.2 27.2

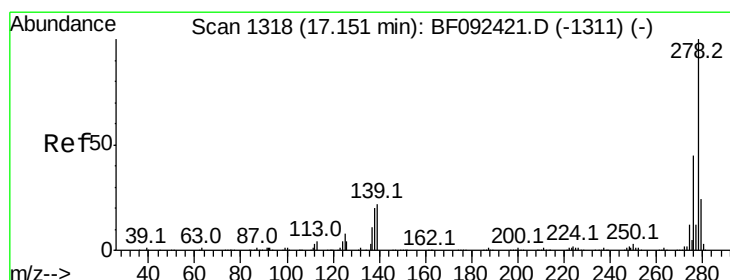
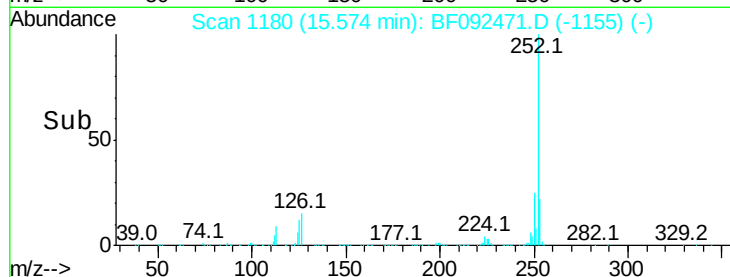
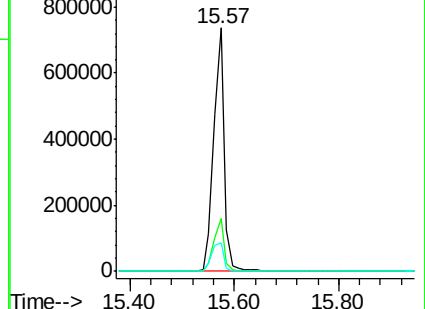
125 11.9 10.0 15.0



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: 43.86 ng

RT: 17.14 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF092471.D

Acq: 25 Jan 2017 12:47

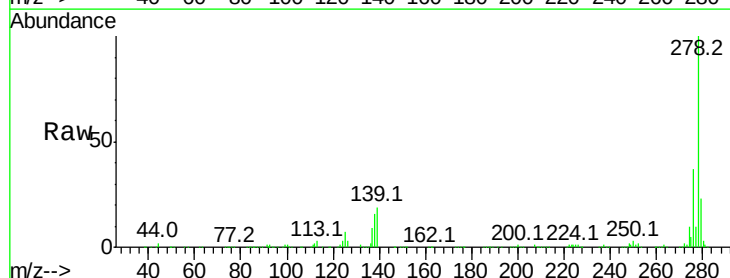
Tgt Ion:278 Resp: 818356

Ion Ratio Lower Upper

278 100

139 19.5 14.8 22.2

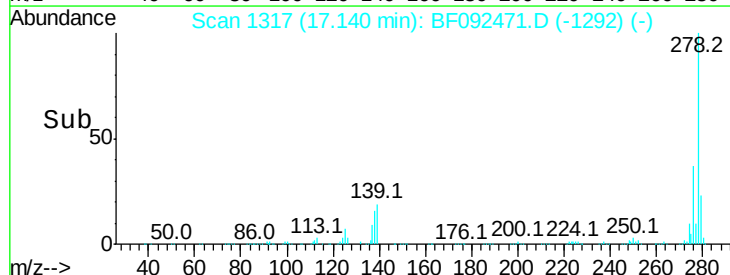
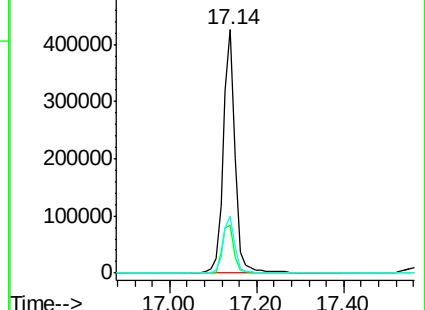
279 23.4 19.8 29.6

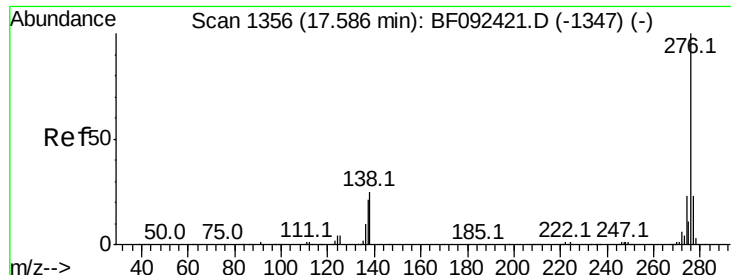


Abundance Ion 278.00 (277.70 to 278.70): E

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: 43.62 ng

RT: 17.56 min Scan# 1354

Delta R.T. -0.02 min

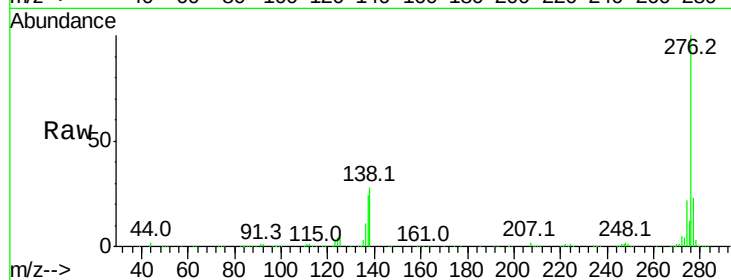
Lab File: BF092471.D

Acq: 25 Jan 2017 12:47

Instrument :

BNA_F

ClientSampleId :



Tot Ion: 276 Resp: 823129

Ion Ratio Lower Upper

276 100

277 23.3 19.2 28.8

138 28.1 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

