

Data Path : Z:\HPCHEM1\BNA F\Data\BF021517\
 Data File : BF092952.D
 Acq On : 15 Feb 2017 15:51
 Operator : SJ/MA
 Sample : PB96964BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 15 16:19:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 13 18:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	140715	20.00	ng	-0.02
21) Naphthalene-d8	8.16	136	624205	20.00	ng	-0.01
38) Acenaphthene-d10	9.92	164	333732	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	523628	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	478309	20.00	ng	-0.02
86) Perylene-d12	15.46	264	386889	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1179979	143.87	ng	0.00
7) Phenol-d6	6.52	99	1588128	150.49	ng	-0.01
23) Nitrobenzene-d5	7.44	82	918308	81.93	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	314576	130.33	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	1615132	87.68	ng	-0.01
78) Terphenyl-d14	12.98	244	1400601	68.80	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.52	88	161644	36.47	ng	86
3) Pyridine	3.25	79	457152	40.57	ng	86
4) n-Nitrosodimethylamine	3.21	42	225870	42.69	ng	85
6) Aniline	6.53	93	231560	16.09	ng	# 70
8) 2-Chlorophenol	6.66	128	436271	48.21	ng	98
9) Benzaldehyde	6.42	77	99140	13.11	ng	92
10) Phenol	6.53	94	528395	42.80	ng	# 76
11) bis(2-Chloroethyl)ether	6.61	93	445714	45.23	ng	98
12) 1,3-Dichlorobenzene	6.81	146	457622	43.18	ng	# 92
13) 1,4-Dichlorobenzene	6.89	146	485450	45.26	ng	95
14) 1,2-Dichlorobenzene	7.04	146	412728	40.24	ng	96
15) Benzyl Alcohol	7.01	79	351774	45.02	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	719280	42.01	ng	93
17) 2-Methylphenol	7.14	107	384848	49.58	ng	95
18) Hexachloroethane	7.38	117	154686	42.24	ng	91
19) n-Nitroso-di-n-propylamine	7.29	70	293728	43.72	ng	96
20) 3+4-Methylphenols	7.29	107	432671	46.62	ng	90
22) Acetophenone	7.29	105	566987	39.78	ng	# 92
24) Nitrobenzene	7.46	77	502560	43.66	ng	93
25) Isophorone	7.70	82	892038	42.71	ng	99
26) 2-Nitrophenol	7.78	139	248136	45.35	ng	# 77
27) 2,4-Dimethylphenol	7.81	122	389414	40.53	ng	97
28) bis(2-Chloroethoxy)methane	7.90	93	533190	38.54	ng	99
29) 2,4-Dichlorophenol	8.02	162	402896	44.96	ng	93
30) 1,2,4-Trichlorobenzene	8.10	180	393073	40.70	ng	97
31) Naphthalene	8.18	128	1264841	39.97	ng	99
32) Benzoic acid	7.95	122	279231	50.80	ng	98
33) 4-Chloroaniline	8.22	127	89278	7.19	ng	95
34) Hexachlorobutadiene	8.29	225	204513	38.49	ng	99
35) Caprolactam	8.60	113	119842	42.51	ng	# 28
36) 4-Chloro-3-methylphenol	8.72	107	412932	44.20	ng	97
37) 2-Methylnaphthalene	8.86	142	808456	39.79	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	374492	39.98	ng	99
40) Hexachlorocyclopentadiene	9.02	237	342420	81.01	ng	95

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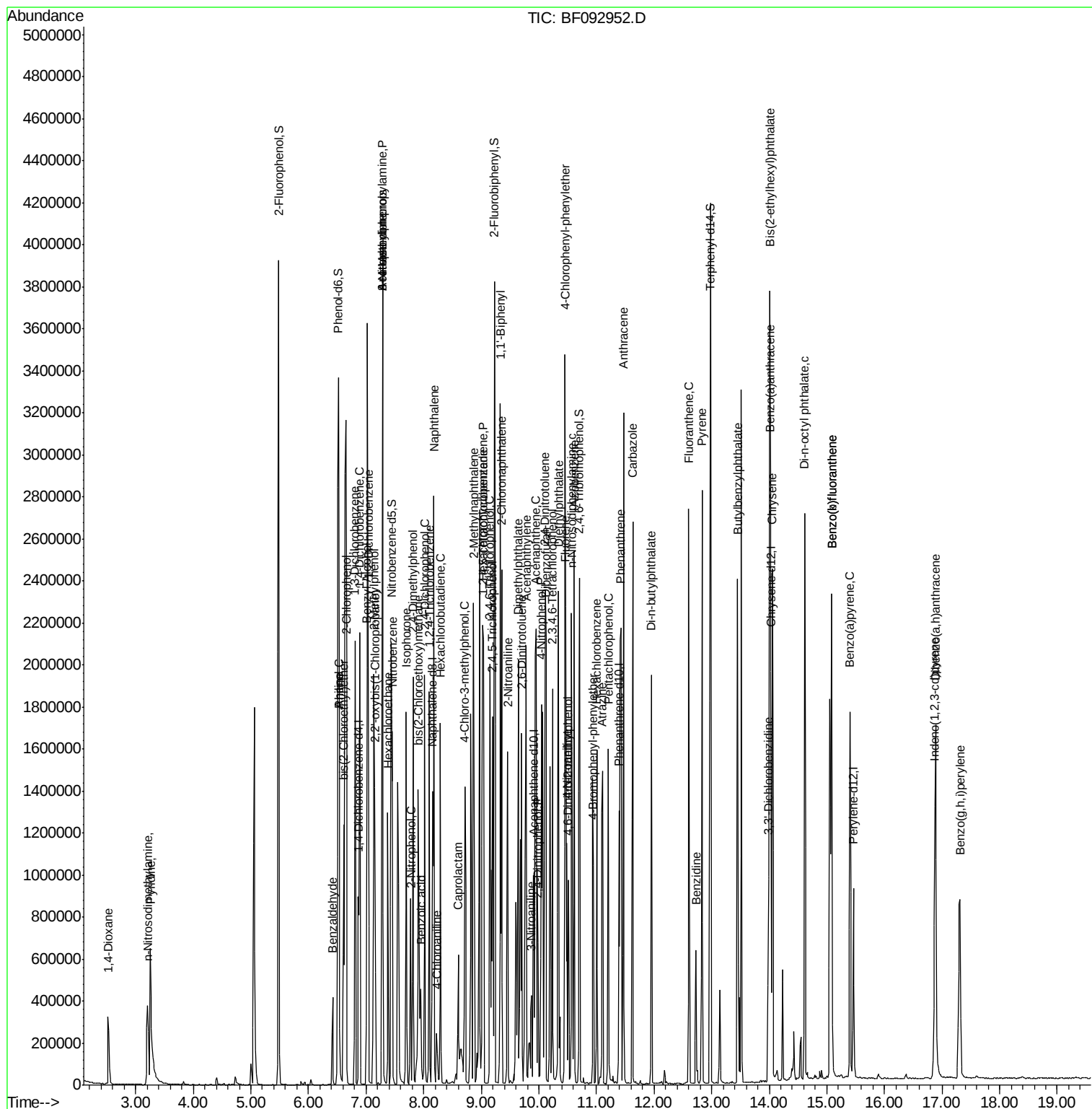
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	276425	44.91	nq	91
43) 2,4,5-Trichlorophenol	9.20	196	275682	40.87	nq #	89
45) 1,1'-Biphenyl	9.33	154	980579	40.58	nq	97
46) 2-Chloronaphthalene	9.36	162	769147	40.69	nq	96
47) 2-Nitroaniline	9.46	65	286603	45.09	nq	92
48) Acenaphthylene	9.78	152	1325533	40.59	nq	98
49) Dimethylphthalate	9.64	163	1019360	45.35	nq	100
50) 2,6-Dinitrotoluene	9.70	165	193991	39.96	nq #	77
51) Acenaphthene	9.95	154	866103	44.36	nq	96
52) 3-Nitroaniline	9.87	138	83424	15.02	nq #	79
53) 2,4-Dinitrophenol	9.98	184	195324	79.15	nq	94
54) Dibenzofuran	10.12	168	1152317	44.12	nq	90
55) 4-Nitrophenol	10.04	139	298833	74.68	nq	95
56) 2,4-Dinitrotoluene	10.11	165	304737	47.15	nq #	77
57) Fluorene	10.46	166	847659	42.19	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.24	232	215110	47.81	nq	99
59) Diethylphthalate	10.34	149	944647	44.59	nq	96
60) 4-Chlorophenyl-phenylether	10.45	204	409289	42.40	nq #	81
61) 4-Nitroaniline	10.49	138	220267	38.71	nq	92
62) Azobenzene	10.61	77	1074176	49.08	nq	94
64) 4,6-Dinitro-2-methylphenol	10.51	198	129809	41.13	nq #	39
65) n-Nitrosodiphenylamine	10.57	169	737357	44.08	nq	99
66) 4-Bromophenyl-phenylether	10.94	248	247591	45.26	nq #	80
67) Hexachlorobenzene	11.00	284	226515	41.90	nq #	76
68) Atrazine	11.10	200	260040	48.44	nq	94
69) Pentachlorophenol	11.21	266	277150	97.57	nq	98
70) Phenanthrene	11.42	178	1295213	43.17	nq	98
71) Anthracene	11.47	178	1205560	40.02	nq	99
72) Carbazole	11.63	167	1227589	42.63	nq	98
73) Di-n-butylphthalate	11.95	149	1465482	47.05	nq	98
74) Fluoranthene	12.60	202	1208745	39.06	nq	98
76) Benzidine	12.73	184	268979	13.20	nq	96
77) Pyrene	12.83	202	1202533	33.60	nq	100
79) Butylbenzylphthalate	13.45	149	579383	39.86	nq	95
80) Benzo(a)anthracene	14.02	228	1074435	36.73	nq	99
81) 3,3'-Dichlorobenzidine	13.99	252	228532	21.92	nq #	95
82) Chrysene	14.05	228	955090	34.87	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	822317	41.37	nq #	97
84) Di-n-octyl phthalate	14.61	149	1420544	43.88	nq	99
85) Indeno(1,2,3-cd)pyrene	16.88	276	881580	41.55	nq #	94
87) Benzo(b)fluoranthene	15.08	252	1972689	77.47	nq	98
88) Benzo(k)fluoranthene	15.08	252	1974020	89.78	nq	98
89) Benzo(a)pyrene	15.40	252	930265	42.23	nq	97
90) Dibenzo(a,h)anthracene	16.89	278	730507	41.03	nq #	94
91) Benzo(g,h,i)perylene	17.31	276	746612	41.51	nq #	94

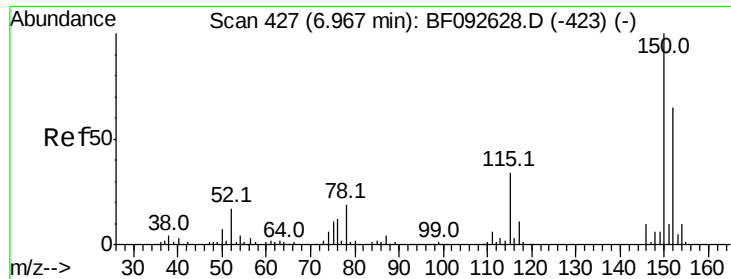
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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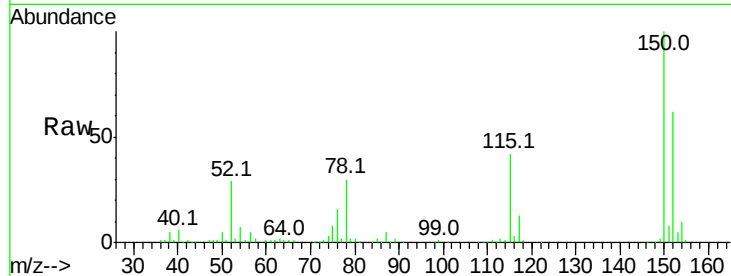


#1

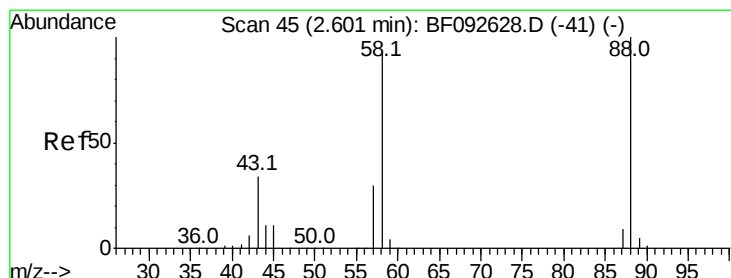
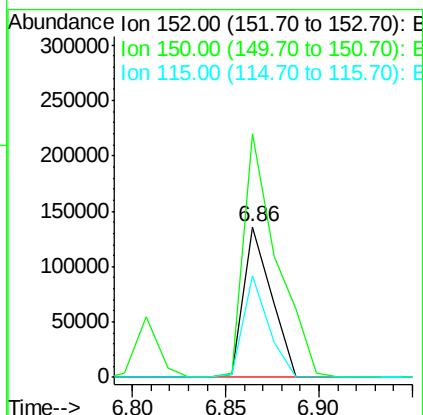
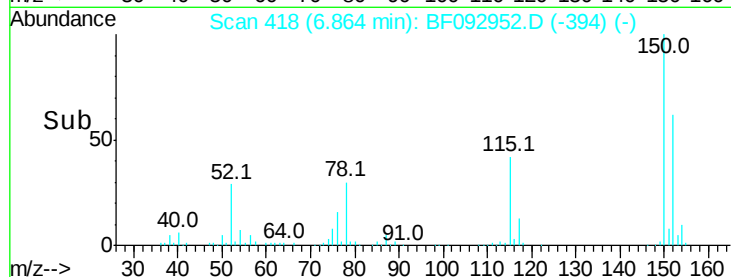
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.02 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 140715
Ion Ratio Lower Upper
152 100
150 162.2 124.9 187.3
115 67.6 46.0 69.0



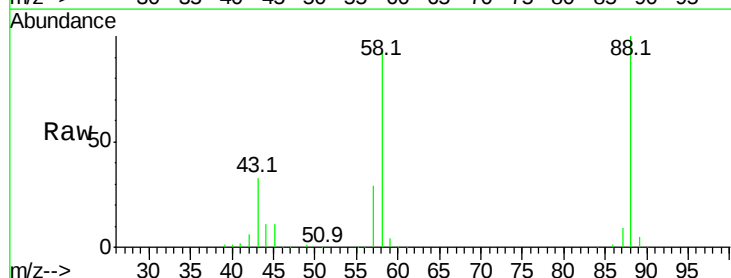
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



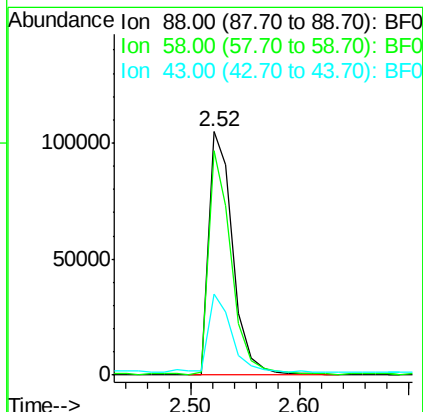
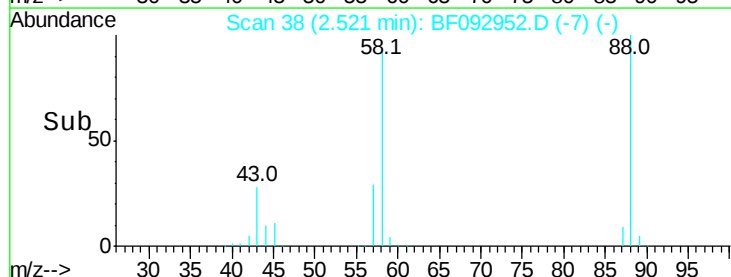
#2

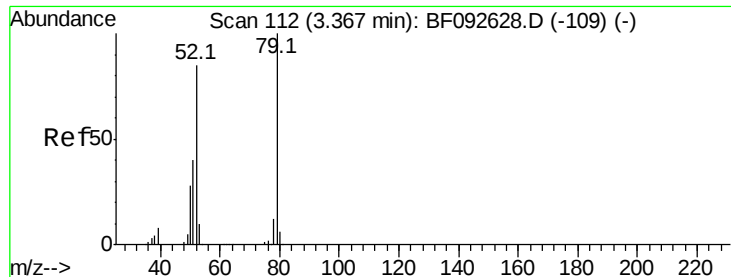
1,4-Dioxane
Concen: 36.47 ng
RT: 2.52 min Scan# 38
Delta R.T. 0.06 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

Tgt Ion: 88 Resp: 161644
Ion Ratio Lower Upper
88 100
58 86.4 57.8 86.8
43 31.4 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: 40.57 ng

RT: 3.25 min Scan# 102

Delta R.T. 0.06 min

Lab File: BF092952.D

Acq: 15 Feb 2017 15:51

Instrument :

BNA_F

ClientSampled :

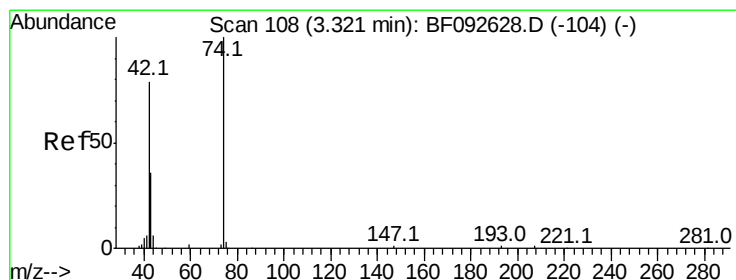
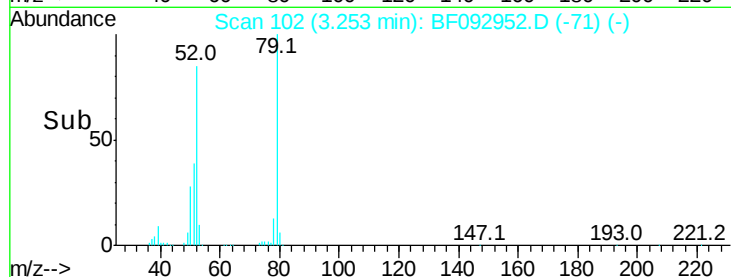
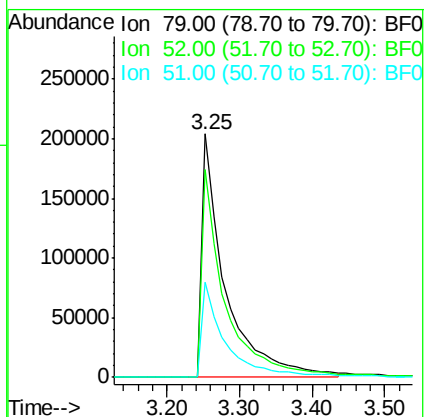
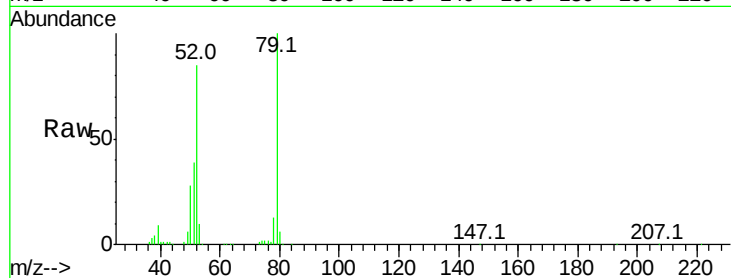
Tot Ion: 79 Resp: 457152

Ion Ratio Lower Upper

79 100

52 85.3 57.1 85.7

51 39.2 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 42.69 ng

RT: 3.21 min Scan# 98

Delta R.T. 0.05 min

Lab File: BF092952.D

Acq: 15 Feb 2017 15:51

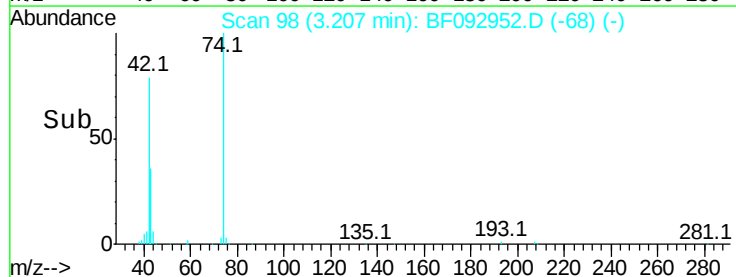
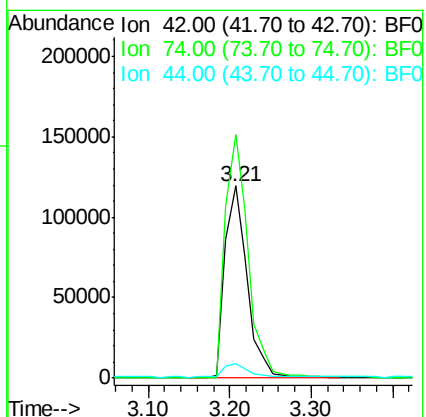
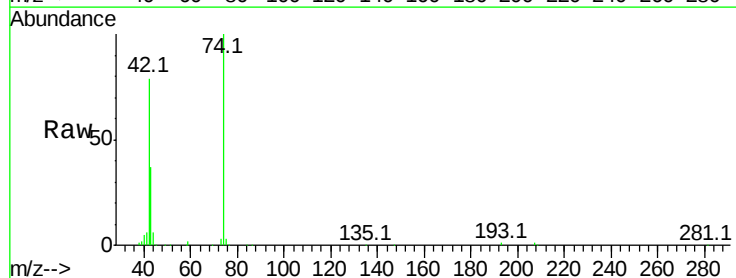
Tgt Ion: 42 Resp: 225870

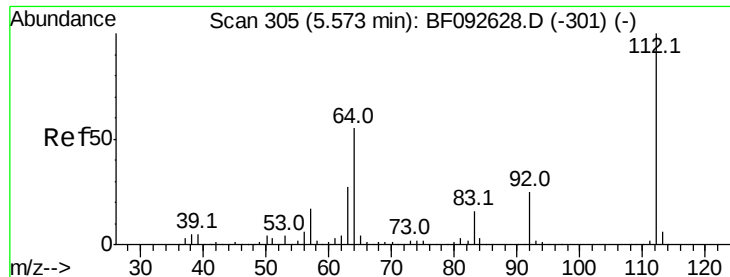
Ion Ratio Lower Upper

42 100

74 126.8 117.0 175.4

44 7.7 5.5 8.3





#5

2-Fluorophenol

Concen: 143.87 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.00 min

Lab File: BF092952.D

Acq: 15 Feb 2017 15:51

Instrument :
BNA_F
ClientSampled :

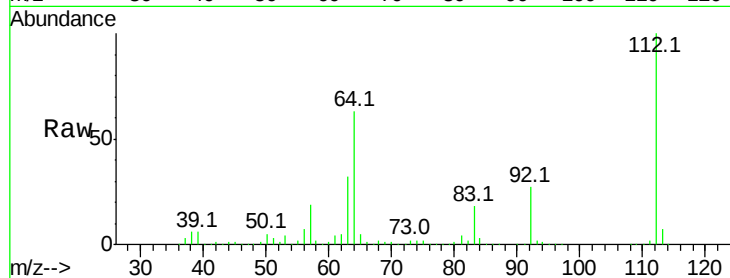
Tot Ion:112 Resp: 1179979

Ion Ratio Lower Upper

112 100

64 63.0 46.1 69.1

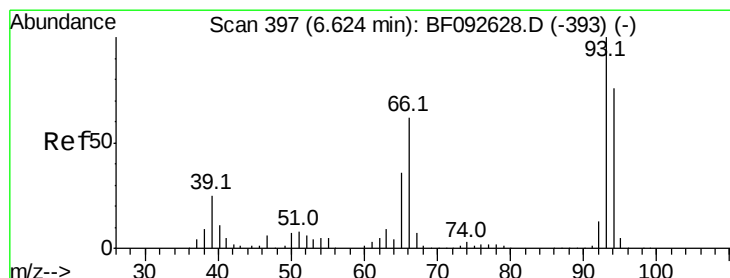
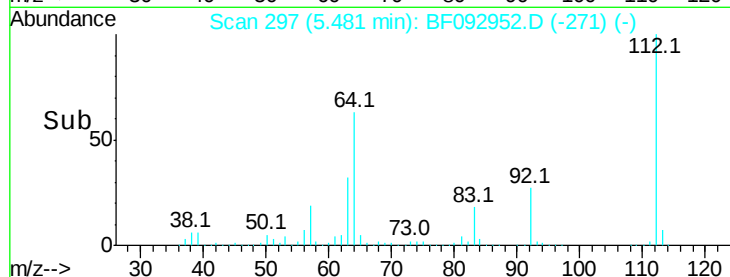
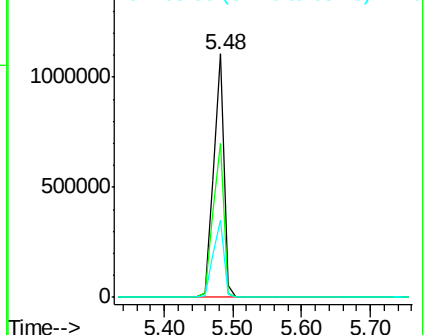
63 31.7 23.8 35.6



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: 16.09 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.02 min

Lab File: BF092952.D

Acq: 15 Feb 2017 15:51

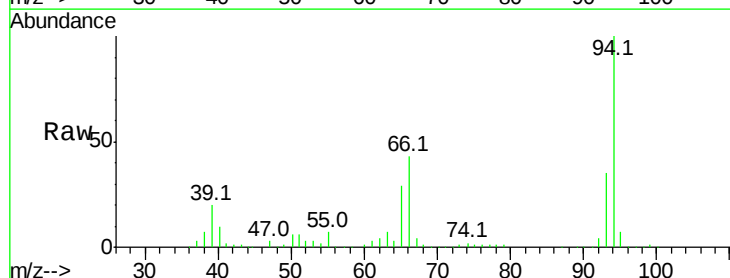
Tgt Ion: 93 Resp: 231560

Ion Ratio Lower Upper

93 100

66 124.0 76.2 114.2#

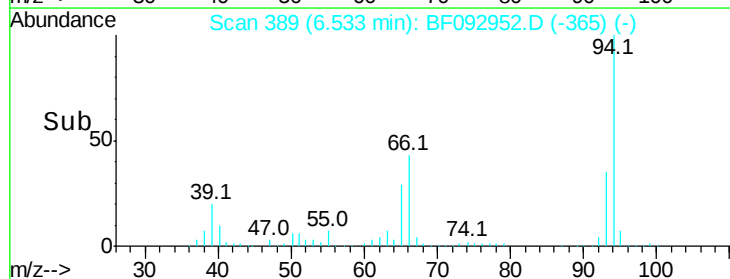
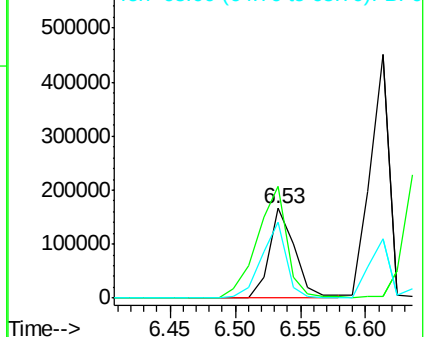
65 84.5 49.3 73.9#

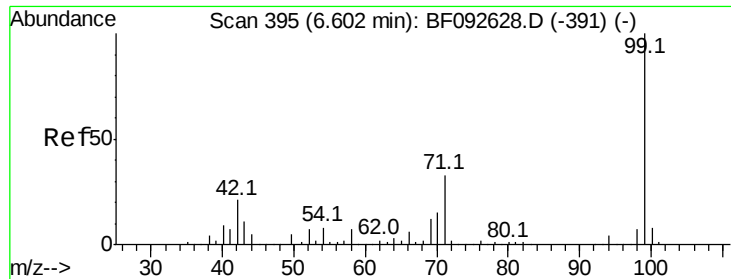


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 150.49 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF092952.D

Acq: 15 Feb 2017 15:51

Instrument :

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ClientSampleId :

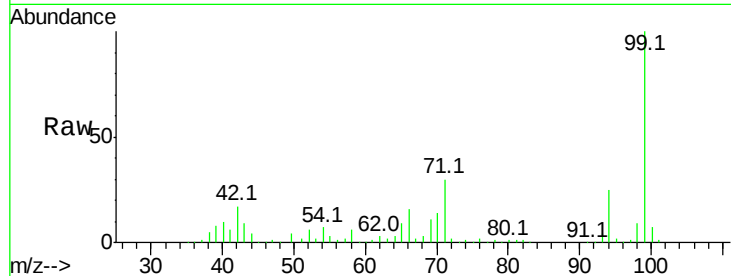
Tot Ion: 99 Resp: 1588128

Ion Ratio Lower Upper

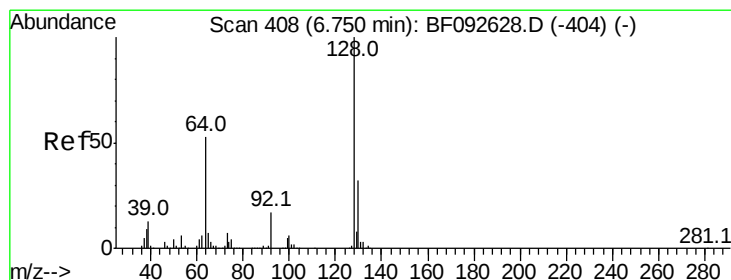
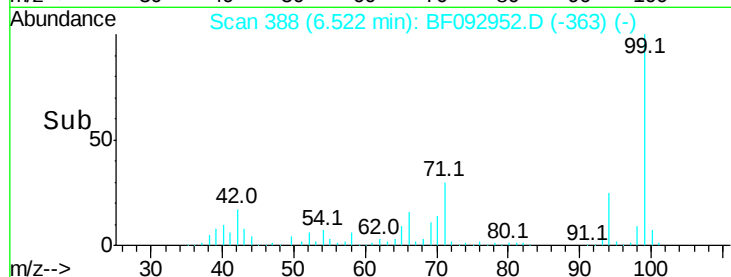
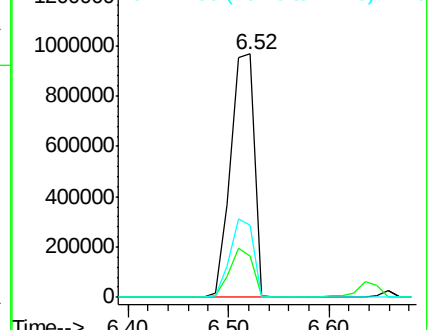
99 100

42 16.8 15.6 23.4

71 29.5 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: 48.21 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF092952.D

Acq: 15 Feb 2017 15:51

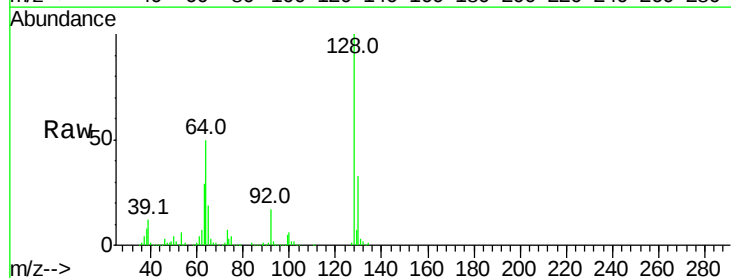
Tgt Ion:128 Resp: 436271

Ion Ratio Lower Upper

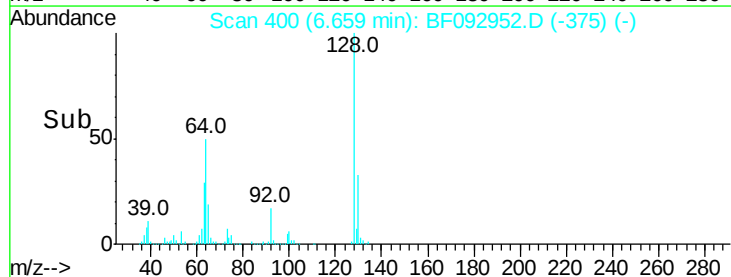
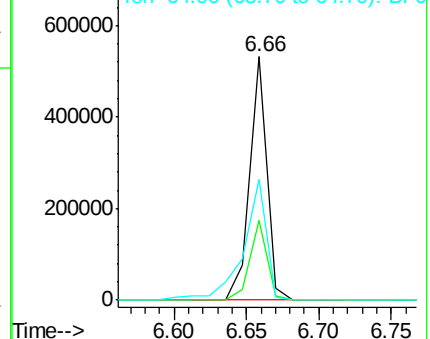
128 100

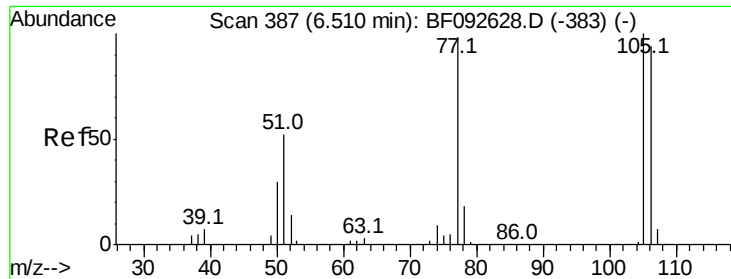
130 32.6 12.3 52.3

64 49.6 32.2 72.2



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





#9

Benzaldehyde

Concen: 13.11 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF092952.D

Acq: 15 Feb 2017 15:51

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ClientSampleId :

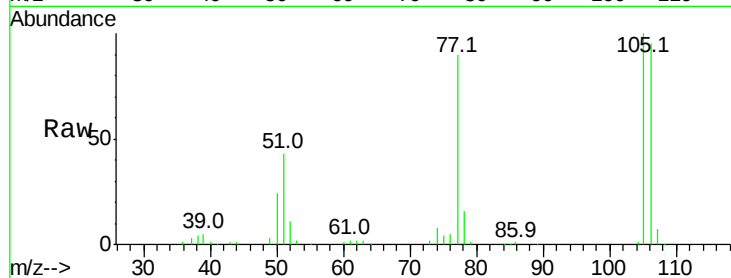
Tot Ion: 77 Resp: 99140

Ion Ratio Lower Upper

77 100

105 111.7 83.9 123.9

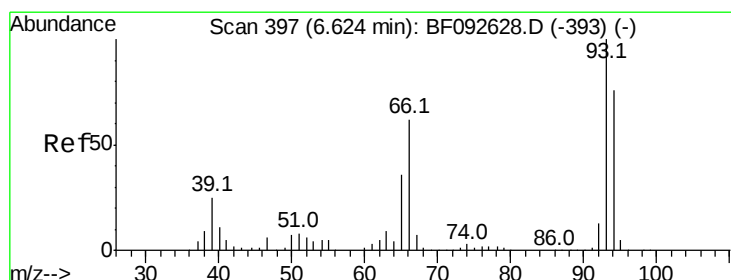
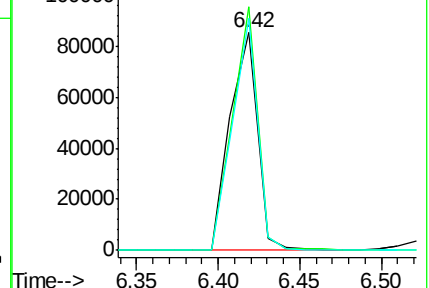
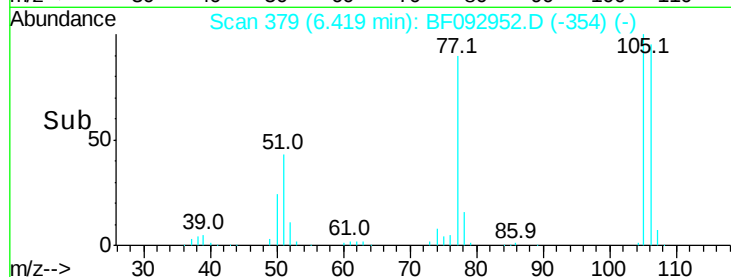
106 106.2 77.6 117.6



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: 42.80 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF092952.D

Acq: 15 Feb 2017 15:51

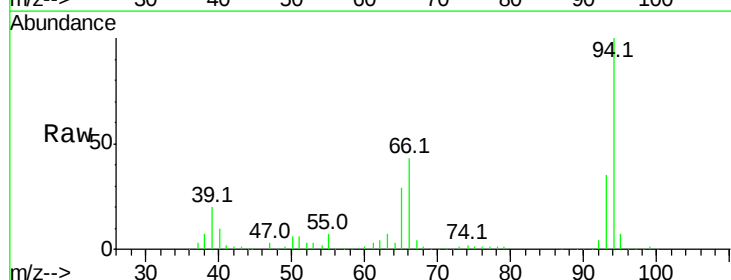
Tgt Ion: 94 Resp: 528395

Ion Ratio Lower Upper

94 100

65 29.3 21.4 61.4

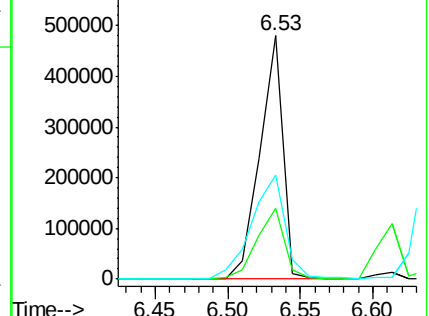
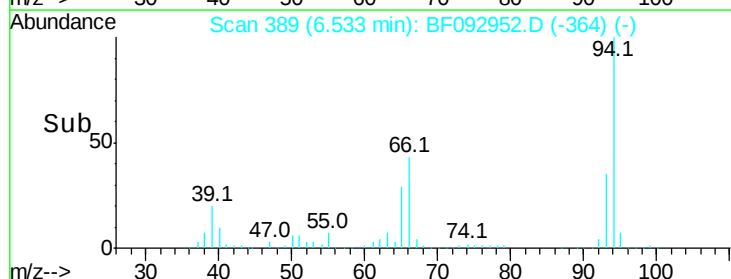
66 43.0 44.0 84.0#

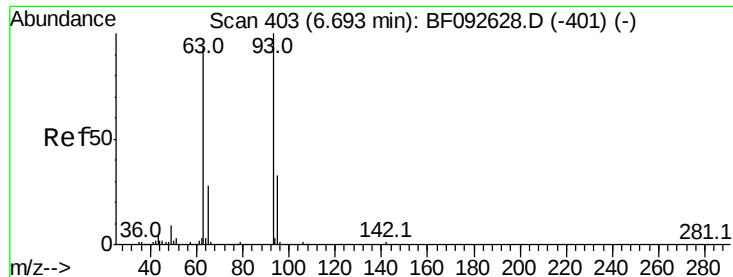


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 45.23 ng

RT: 6.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF092952.D

Acq: 15 Feb 2017 15:51

Instrument :

BNA_F

ClientSampleId :

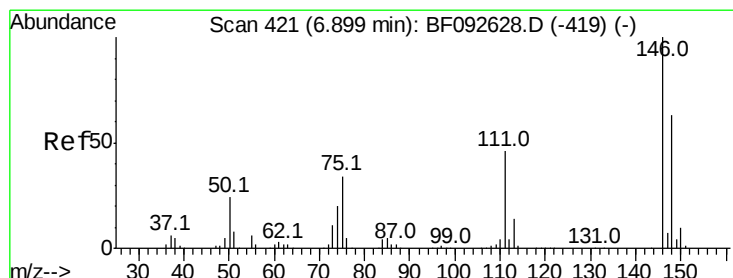
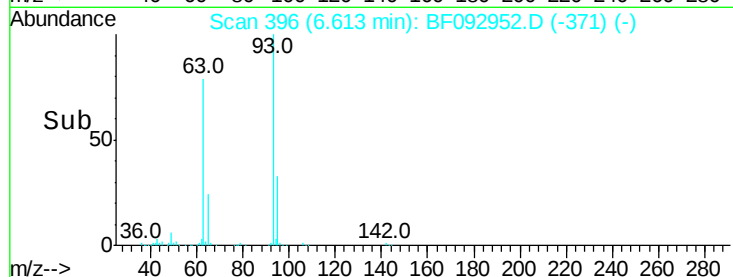
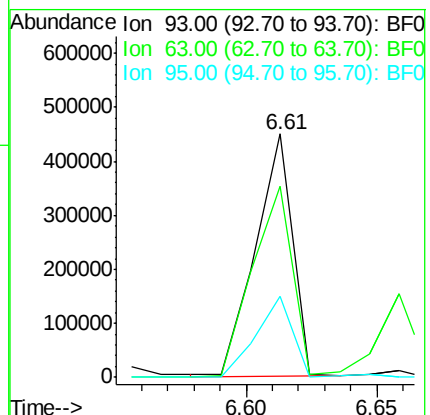
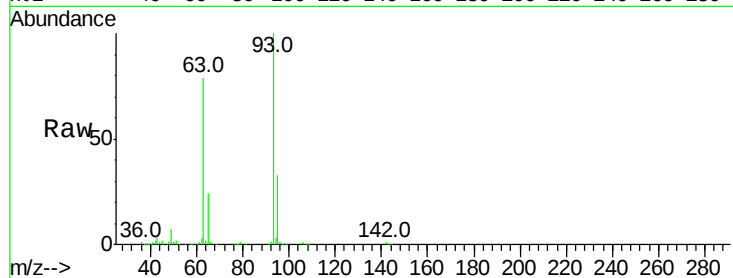
Tot Ion: 93 Resp: 445714

Ion Ratio Lower Upper

93 100

63 78.7 60.4 100.4

95 33.4 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 43.18 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF092952.D

Acq: 15 Feb 2017 15:51

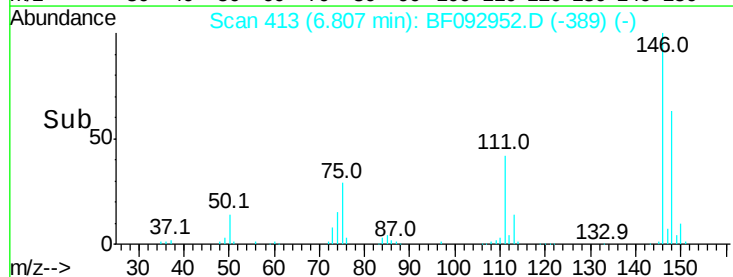
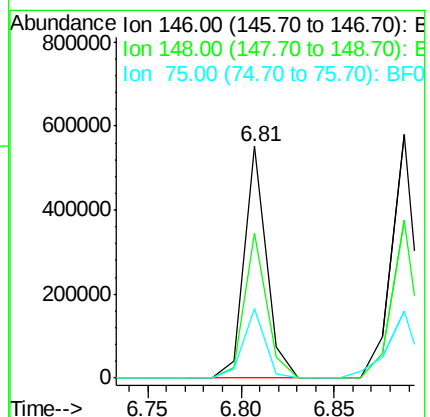
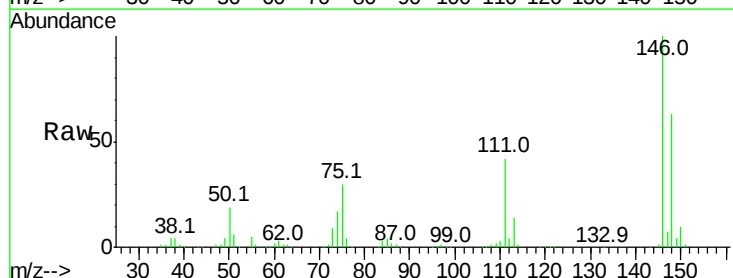
Tgt Ion: 146 Resp: 457622

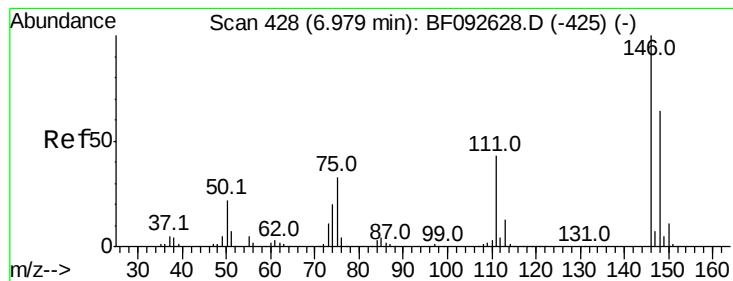
Ion Ratio Lower Upper

146 100

148 62.5 53.4 80.0

75 30.1 18.5 27.7#





#13

1,4-Dichlorobenzene

Concen: 45.26 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF092952.D

Acq: 15 Feb 2017 15:51

Instrument :

BNA_F

ClientSampled :

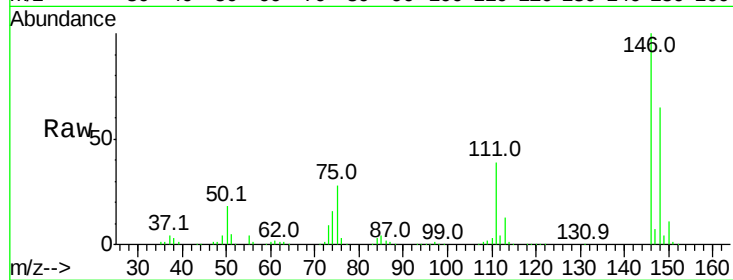
Tot Ion:146 Resp: 485450

Ion Ratio Lower Upper

146 100

148 65.1 50.6 76.0

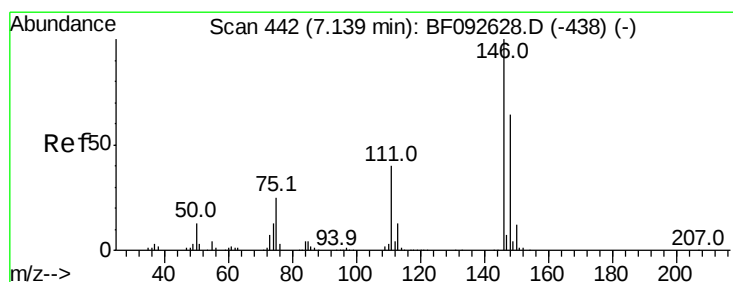
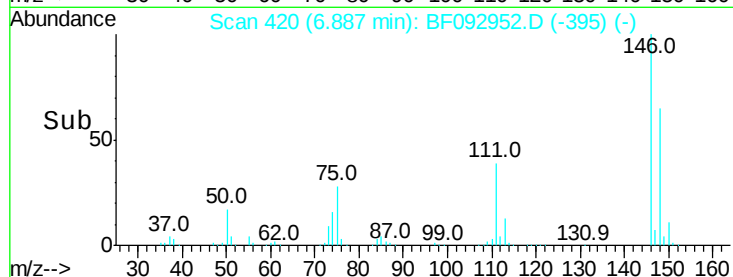
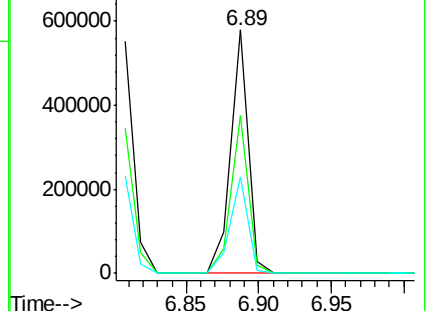
111 39.5 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.24 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.02 min

Lab File: BF092952.D

Acq: 15 Feb 2017 15:51

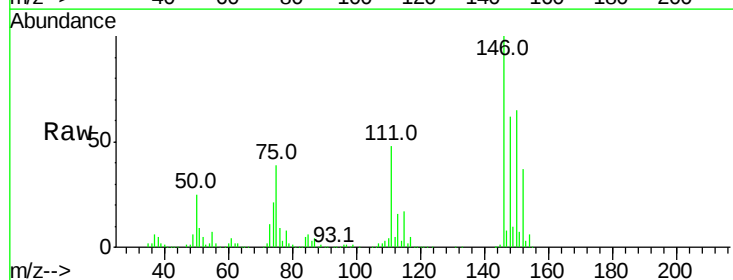
Tgt Ion:146 Resp: 412728

Ion Ratio Lower Upper

146 100

148 62.0 52.2 78.2

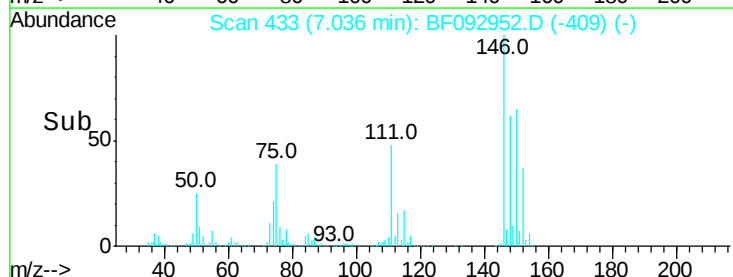
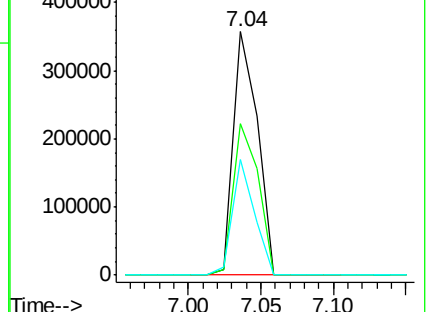
111 47.7 36.2 54.2

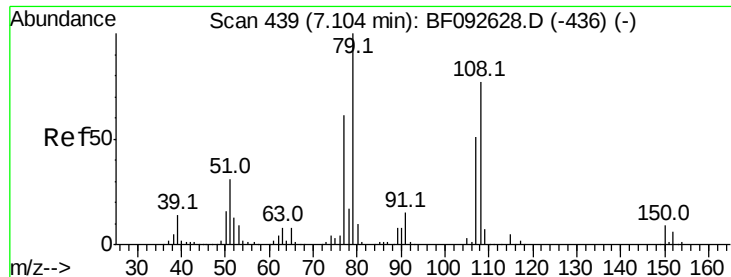


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.02 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.02 min

Lab File: BF092952.D

Acq: 15 Feb 2017 15:51

Instrument :

BNA_F

ClientSampled :

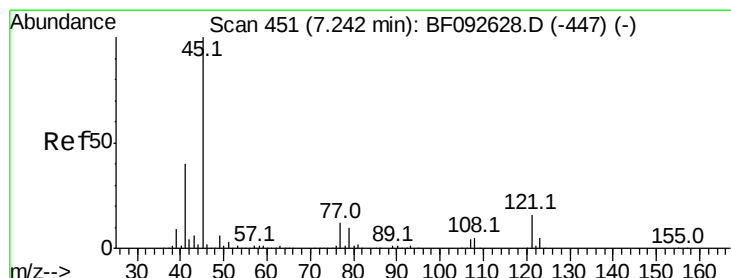
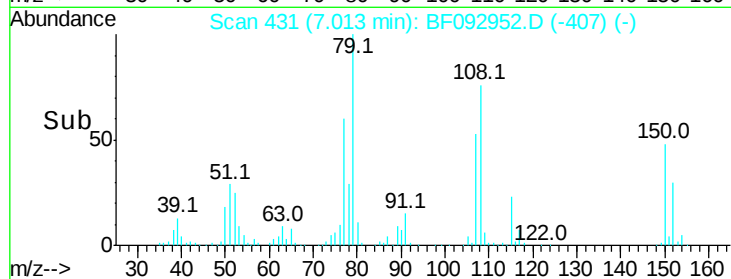
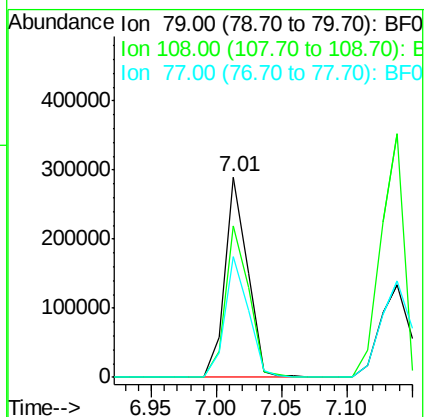
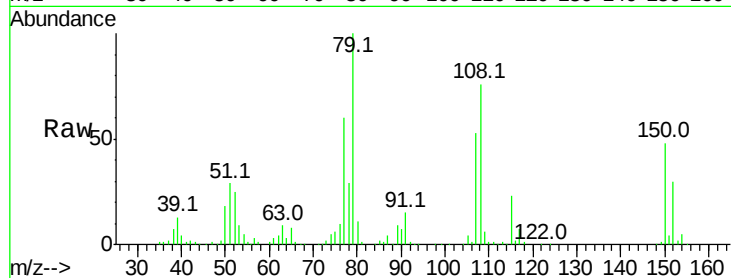
Tot Ion: 79 Resp: 351774

Ion Ratio Lower Upper

79 100

108 75.9 61.4 92.0

77 60.2 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.01 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.01 min

Lab File: BF092952.D

Acq: 15 Feb 2017 15:51

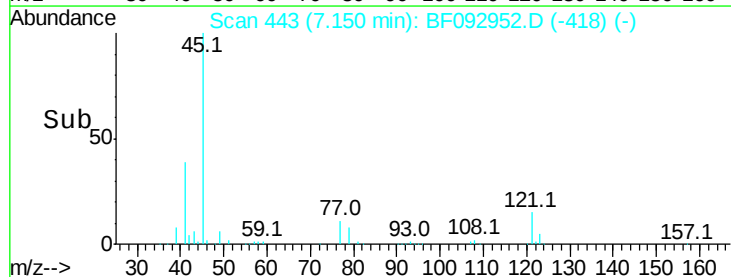
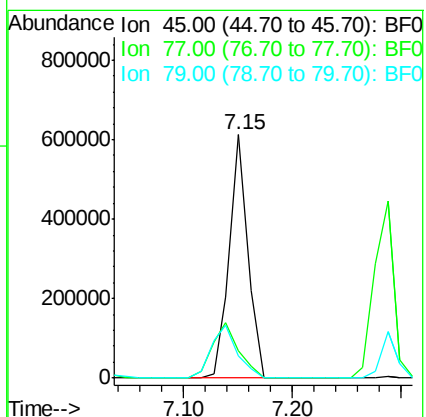
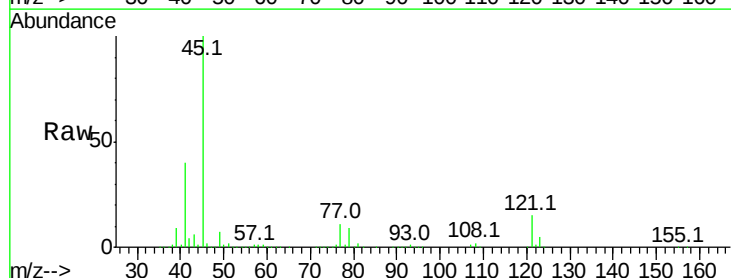
Tgt Ion: 45 Resp: 719280

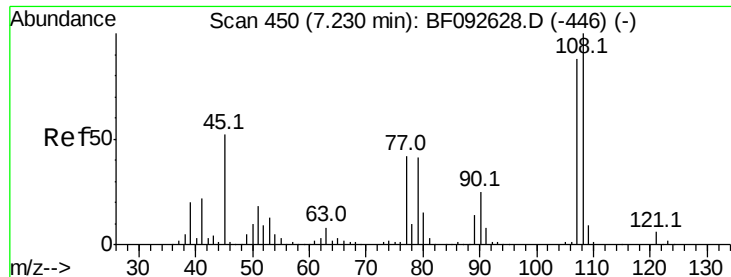
Ion Ratio Lower Upper

45 100

77 11.4 0.0 34.6

79 9.1 0.0 31.2





#17

2-Methylphenol

Concen: 49.58 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.01 min

Lab File: BF092952.D

Acq: 15 Feb 2017 15:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 384848

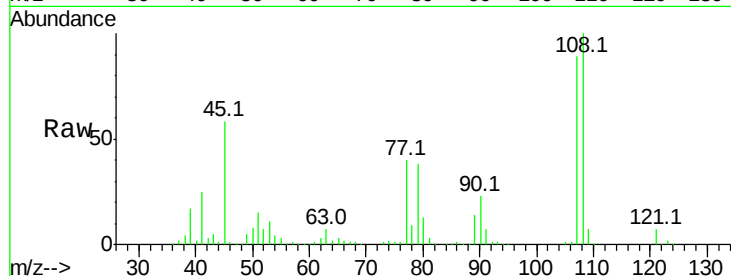
Ion Ratio Lower Upper

107 100

108 112.8 93.0 139.6

77 44.6 39.8 59.8

79 42.7 38.0 57.0

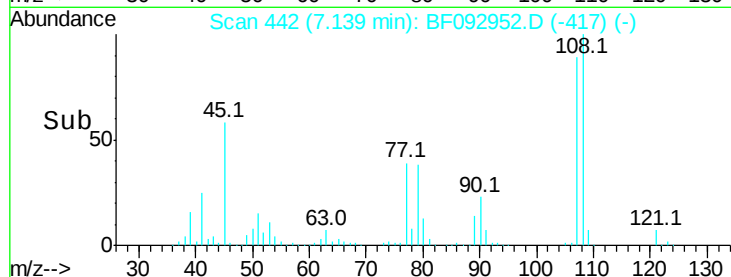


Abundance Ion 107.00 (106.70 to 107.70): E

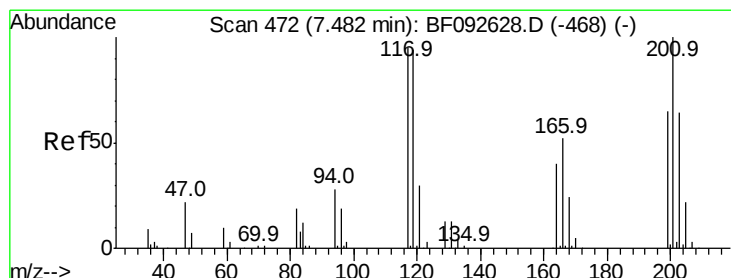
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 42.24 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.02 min

Lab File: BF092952.D

Acq: 15 Feb 2017 15:51

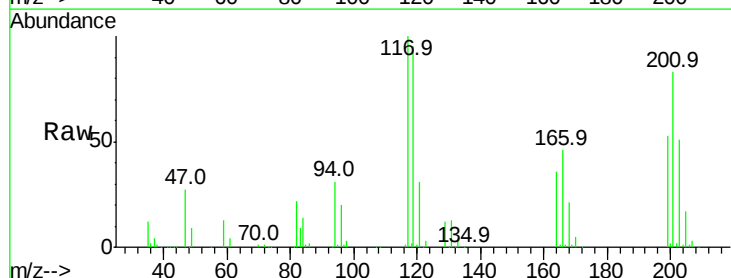
Tgt Ion:117 Resp: 154686

Ion Ratio Lower Upper

117 100

119 95.0 78.1 117.1

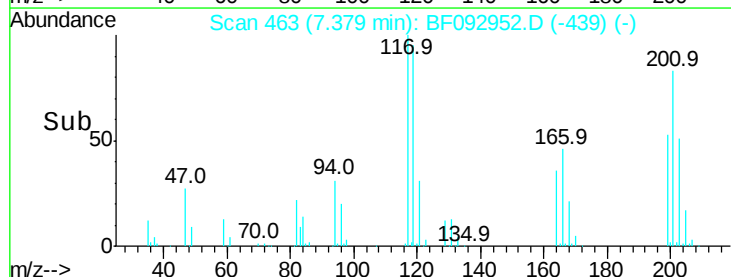
201 83.0 78.6 117.8



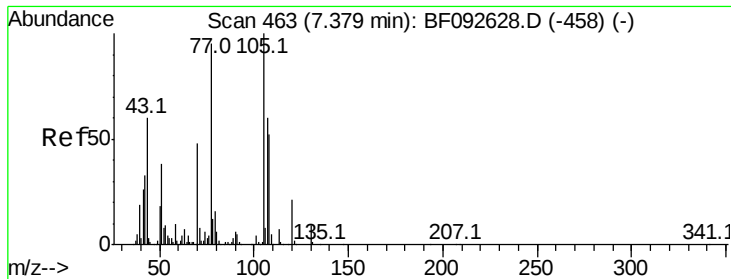
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



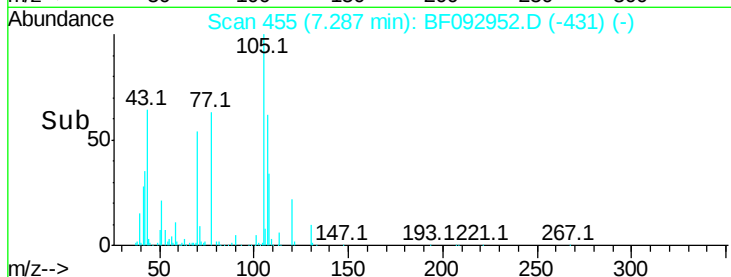
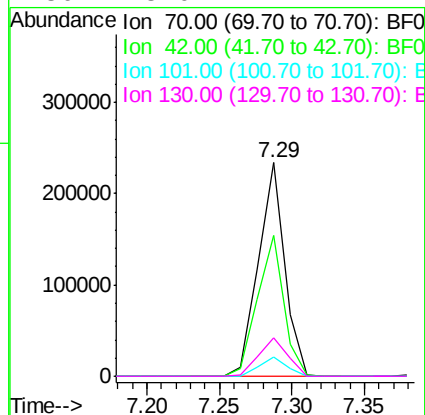
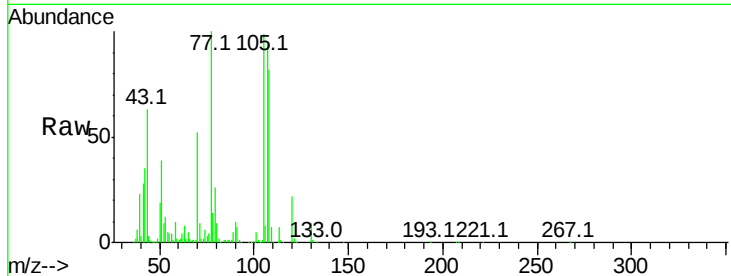
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 43.72 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

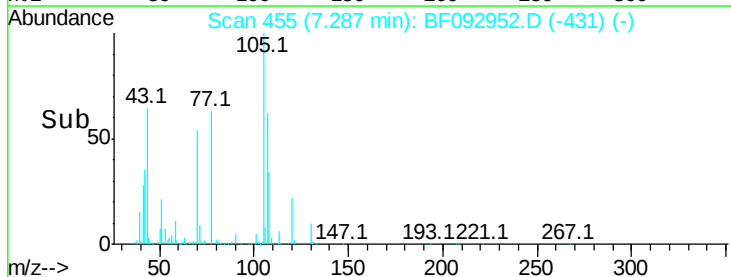
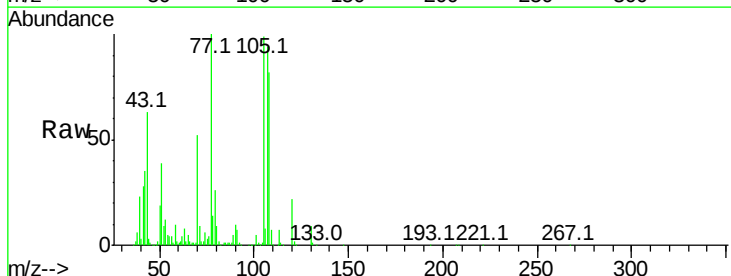
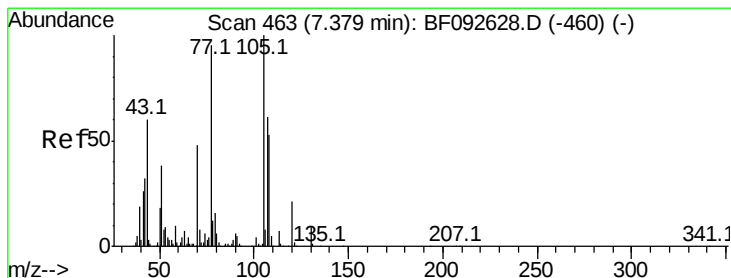
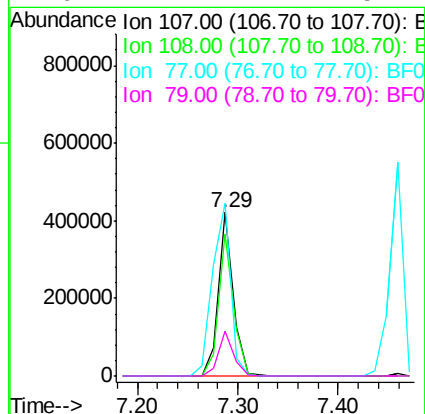
Instrument :
BNA_F
ClientSampleId :

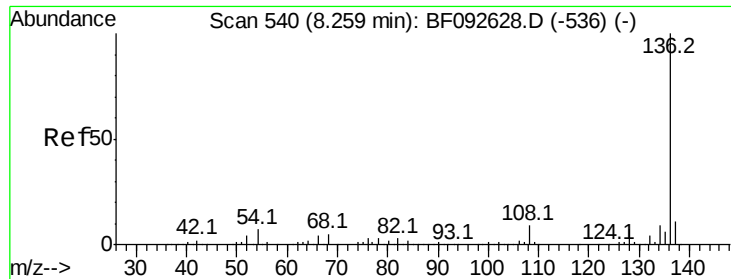
Tot Ion:	70	Resp:	293728
Ion	Ratio	Lower	Upper
70	100		
42	65.9	49.4	74.0
101	9.0	7.4	11.2
130	18.0	14.2	21.4



#20
3+4-Methylphenols
Concen: 46.62 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

Tgt Ion:	107	Resp:	432671
Ion	Ratio	Lower	Upper
107	100		
108	87.2	73.0	113.0
77	106.0	71.3	111.3
79	27.4	11.1	51.1

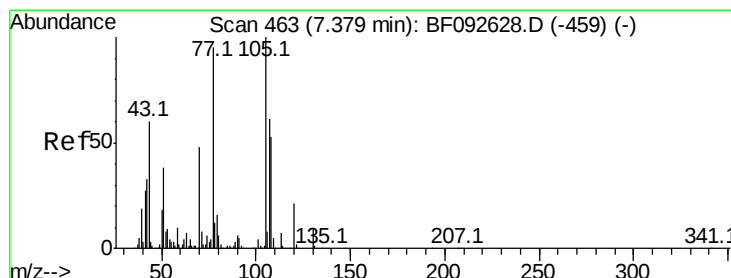
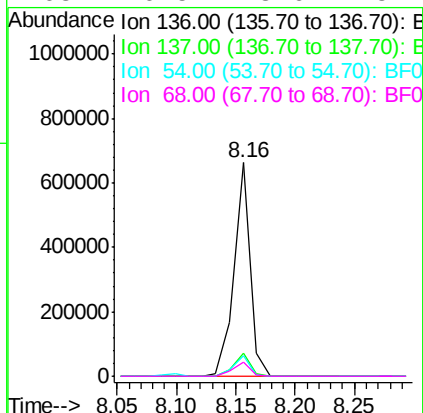
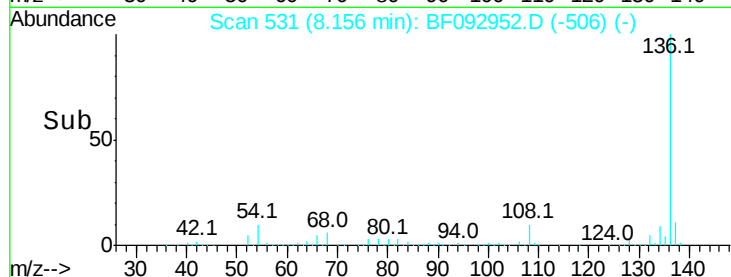
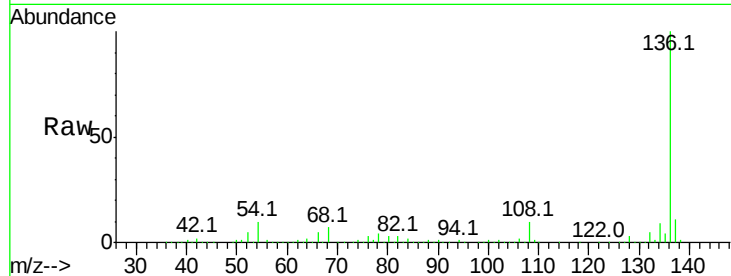




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

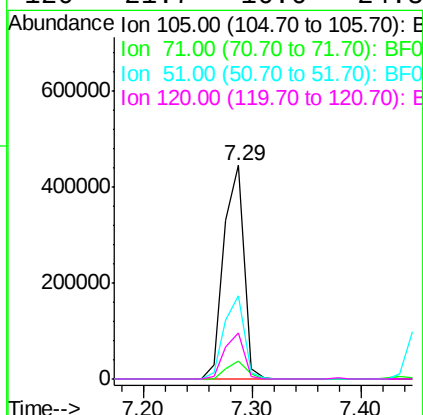
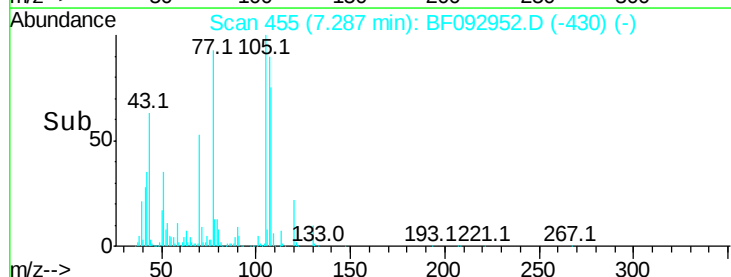
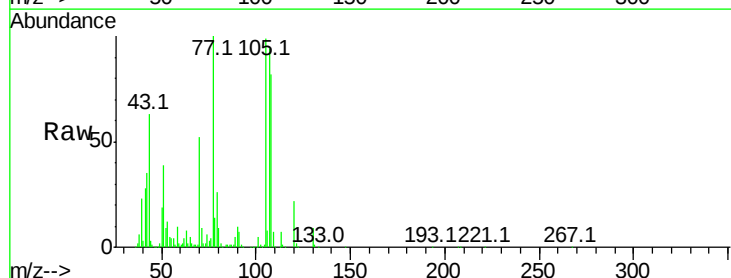
Instrument :
BNA_F
ClientSampleId :

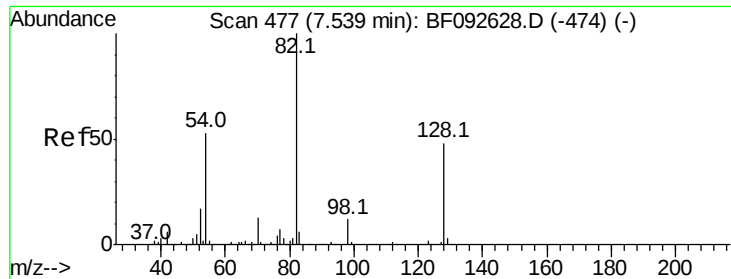
Tot Ion:136	Resp: 624205
Ion Ratio	Lower Upper
136 100	
137 10.9	8.4 12.6
54 9.6	4.5 6.7#
68 6.5	3.6 5.4#



#22
Acetophenone
Concen: 39.78 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

Tgt Ion:105	Resp: 566987
Ion Ratio	Lower Upper
105 100	
71 8.7	3.2 4.8#
51 39.2	26.2 39.4
120 21.7	16.6 24.8

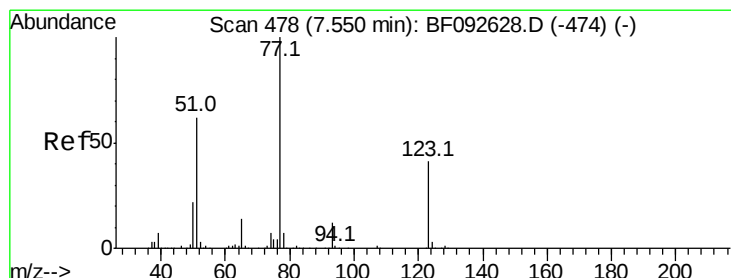
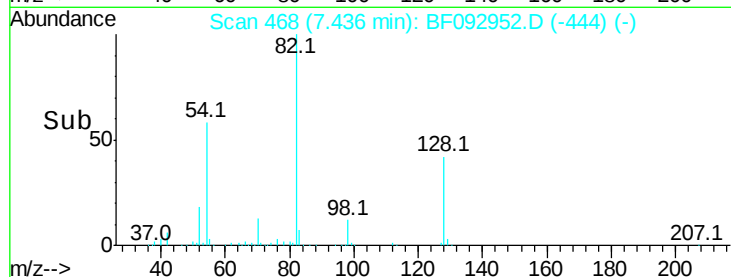
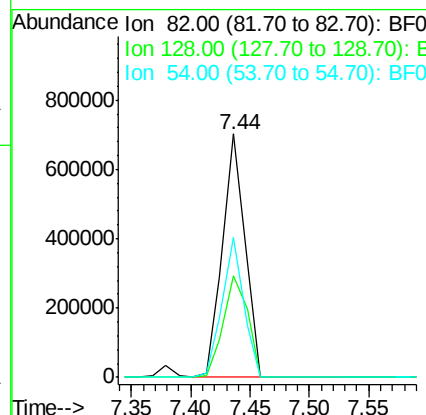
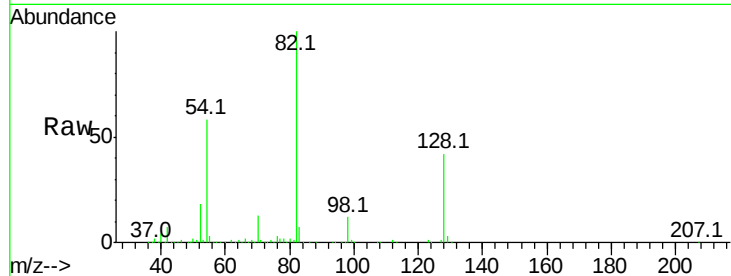




#23
 Nitrobenzene-d5
 Concen: 81.93 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.02 min
 Lab File: BF092952.D
 Acq: 15 Feb 2017 15:51

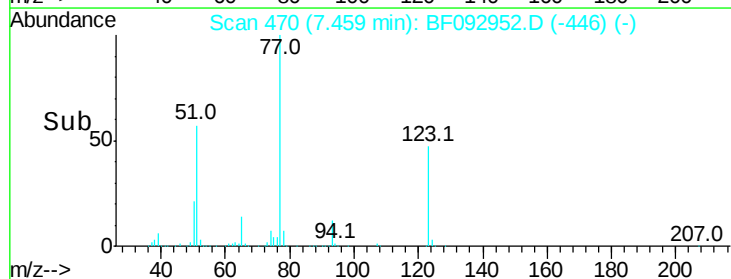
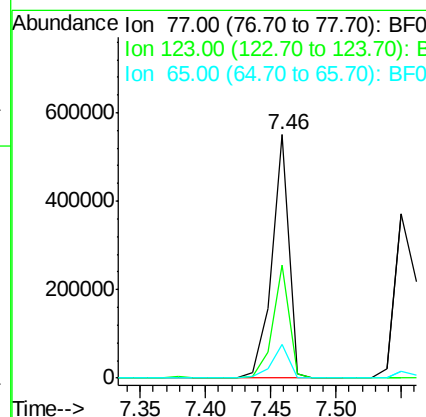
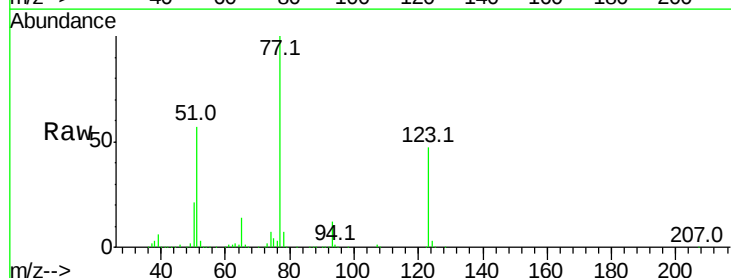
Instrument :
 BNA_F
 ClientSampled :

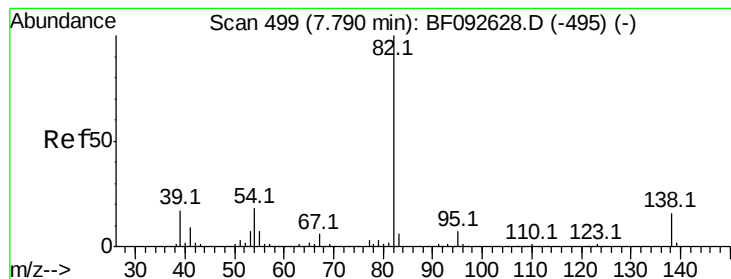
Tot Ion	82	Resp	918308
Ion Ratio	Lower	Upper	
82	100		
128	41.8	34.6	52.0
54	57.6	39.5	59.3



#24
 Nitrobenzene
 Concen: 43.66 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.02 min
 Lab File: BF092952.D
 Acq: 15 Feb 2017 15:51

Tgt Ion	77	Resp	502560
Ion Ratio	Lower	Upper	
77	100		
123	46.6	33.0	49.4
65	13.6	11.2	16.8





#25

Isophorone

Concen: 42.71 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF092952.D

Acq: 15 Feb 2017 15:51

Instrument :

BNA_F

ClientSampleId :

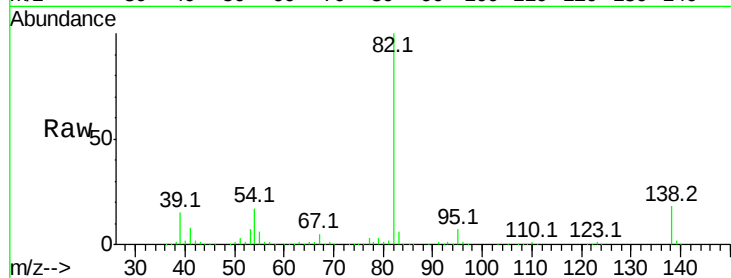
Tot Ion: 82 Resp: 892038

Ion Ratio Lower Upper

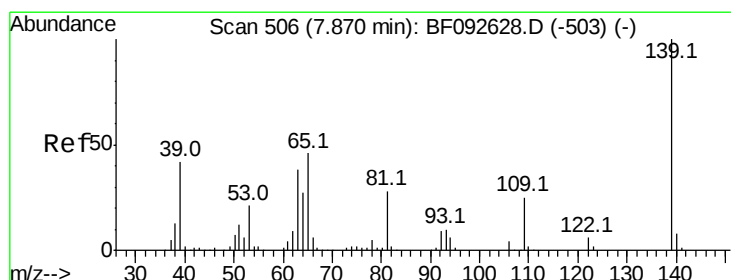
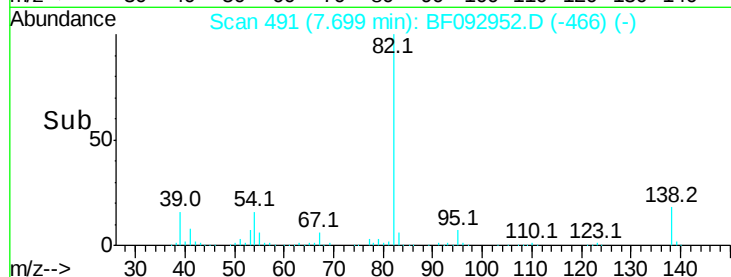
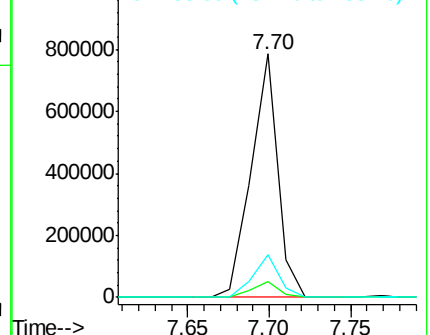
82 100

95 6.7 5.6 8.4

138 17.6 14.6 22.0



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



#26

2-Nitrophenol

Concen: 45.35 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF092952.D

Acq: 15 Feb 2017 15:51

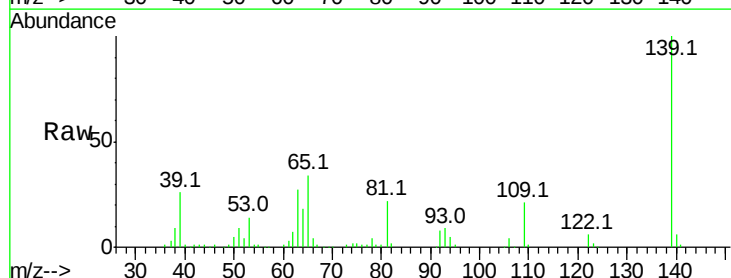
Tgt Ion: 139 Resp: 248136

Ion Ratio Lower Upper

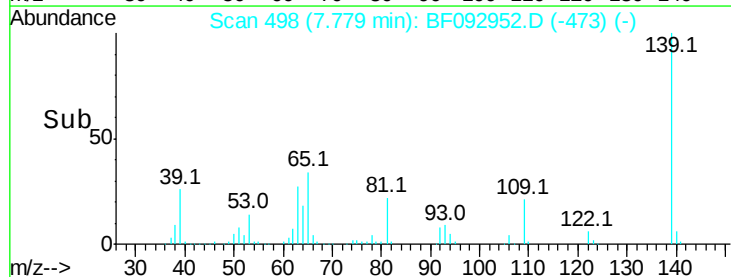
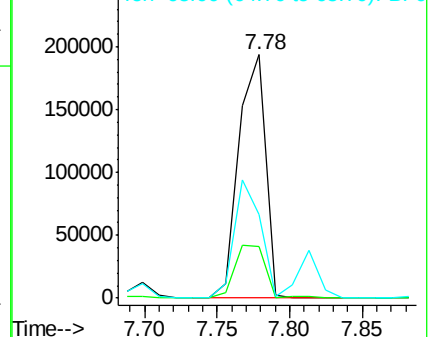
139 100

109 21.3 23.3 34.9#

65 34.2 42.7 64.1#



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

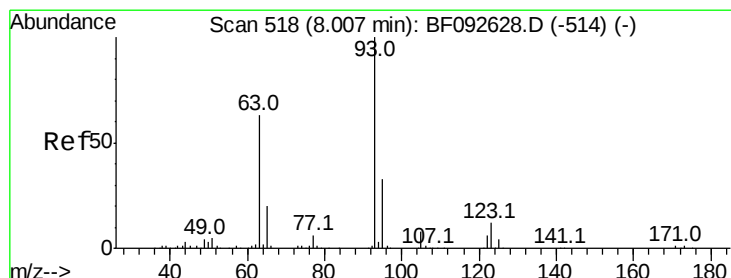
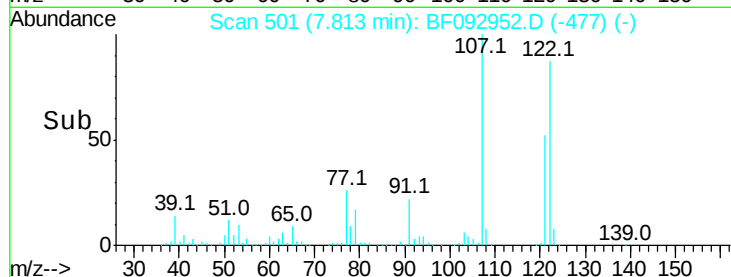
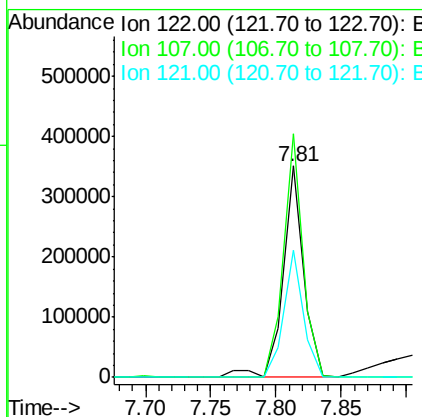
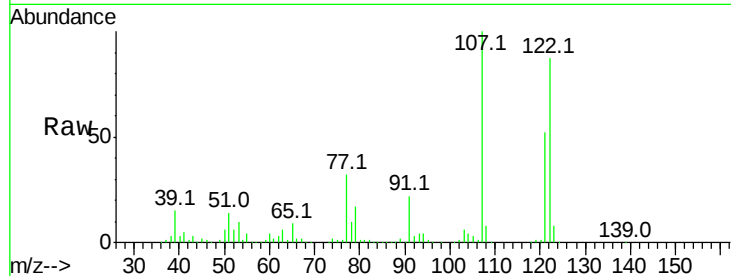




#27
2,4-Dimethylphenol
Concen: 40.53 ng
RT: 7.81 min Scan# 501
Delta R.T. -0.02 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

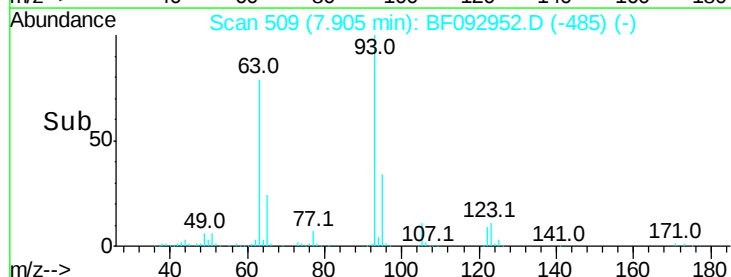
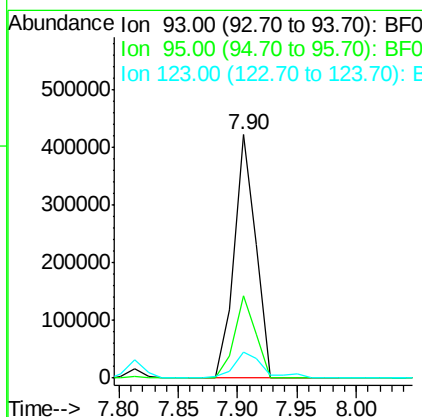
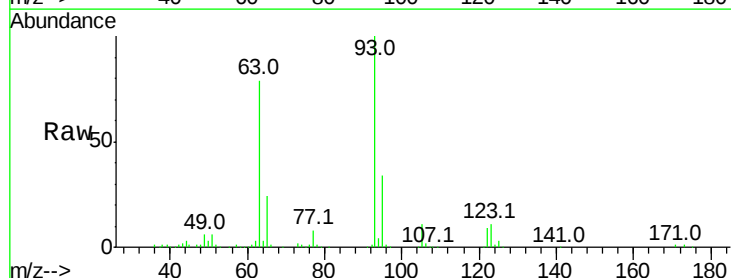
Instrument :
BNA_F
ClientSampleId :

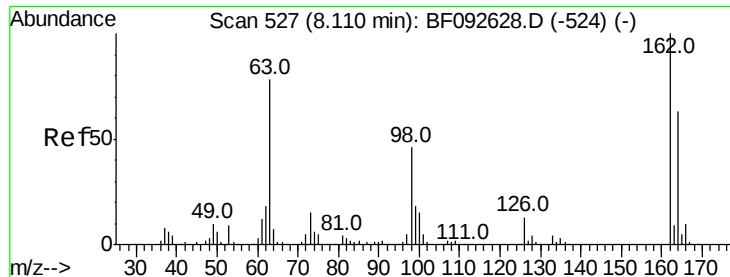
Tot Ion:122 Resp: 389414
Ion Ratio Lower Upper
122 100
107 115.3 94.1 141.1
121 60.0 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 38.54 ng
RT: 7.90 min Scan# 509
Delta R.T. -0.02 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

Tgt Ion: 93 Resp: 533190
Ion Ratio Lower Upper
93 100
95 33.6 26.5 39.7
123 10.7 8.6 13.0

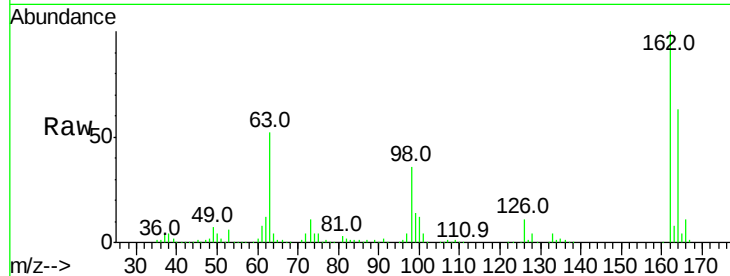




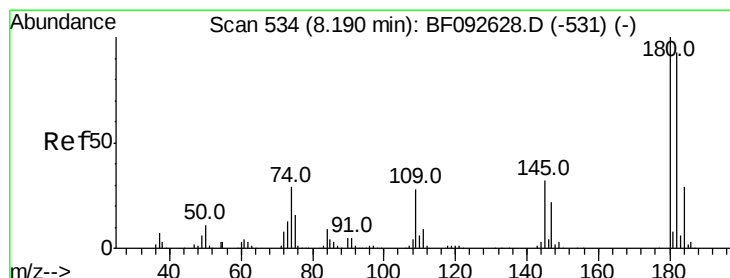
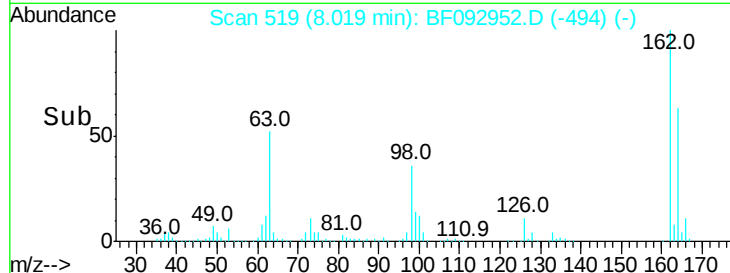
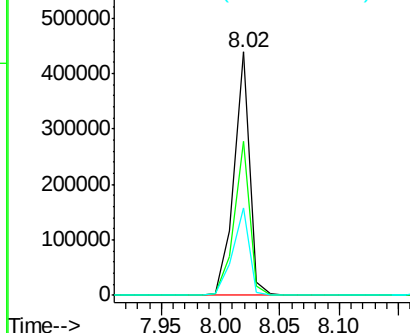
#29
 2,4-Dichlorophenol
 Concen: 44.96 ng
 RT: 8.02 min Scan# 519
 Delta R.T. -0.01 min
 Lab File: BF092952.D
 Acq: 15 Feb 2017 15:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	46.8	86.8
98	36.0	9.1	49.1

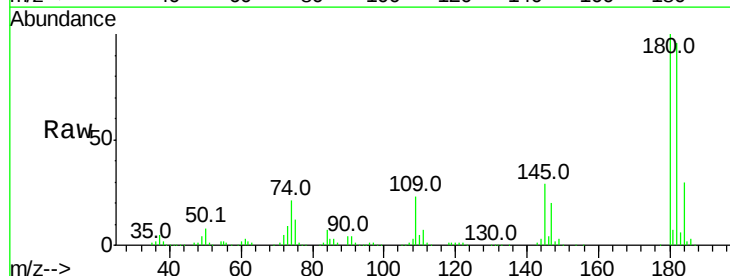


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

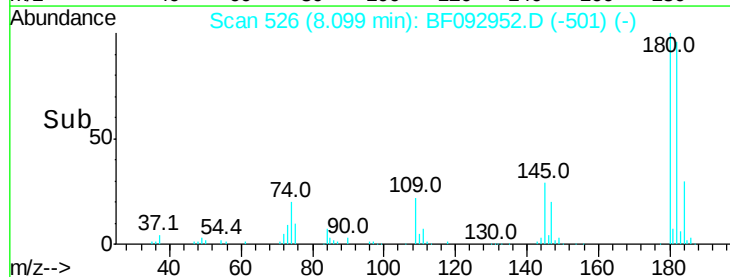
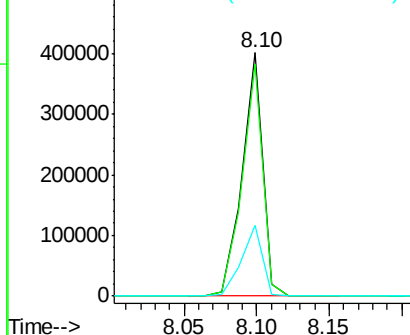


#30
 1,2,4-Trichlorobenzene
 Concen: 40.70 ng
 RT: 8.10 min Scan# 526
 Delta R.T. -0.01 min
 Lab File: BF092952.D
 Acq: 15 Feb 2017 15:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	78.2	117.4
145	29.3	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: 39.97 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF092952.D

Acq: 15 Feb 2017 15:51

Instrument :

BNA_F

ClientSampleId :

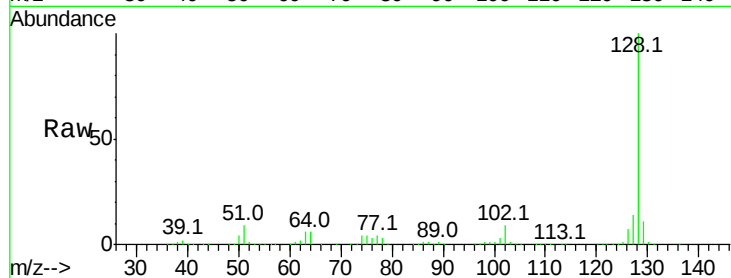
Tot Ion:128 Resp: 1264841

Ion Ratio Lower Upper

128 100

129 11.2 9.5 14.3

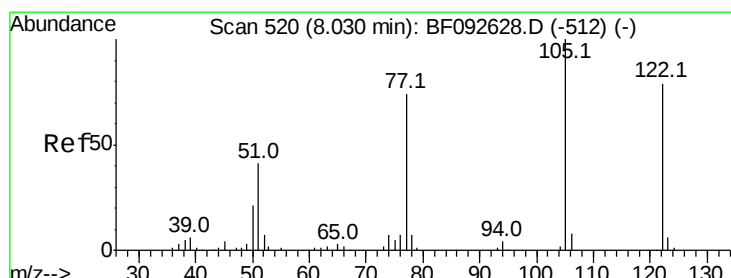
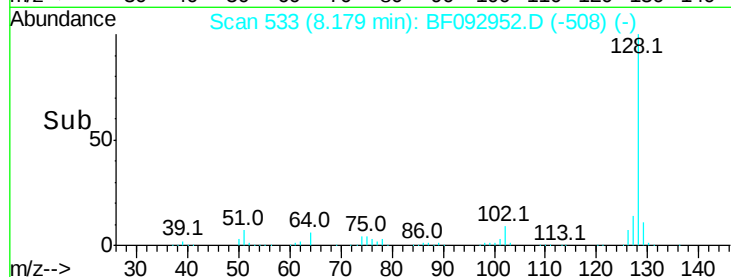
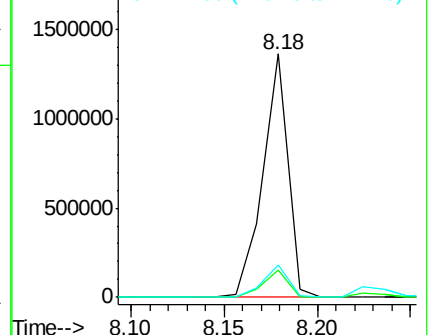
127 13.6 10.8 16.2



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: 50.80 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF092952.D

Acq: 15 Feb 2017 15:51

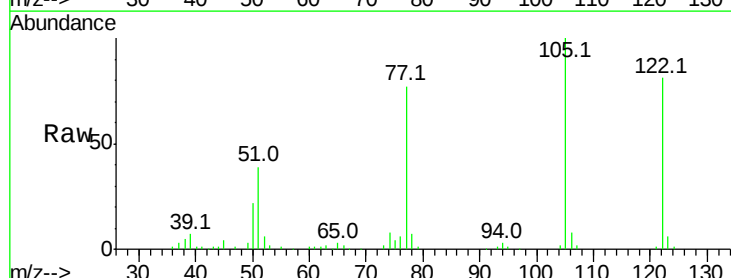
Tgt Ion:122 Resp: 279231

Ion Ratio Lower Upper

122 100

105 123.1 107.2 147.2

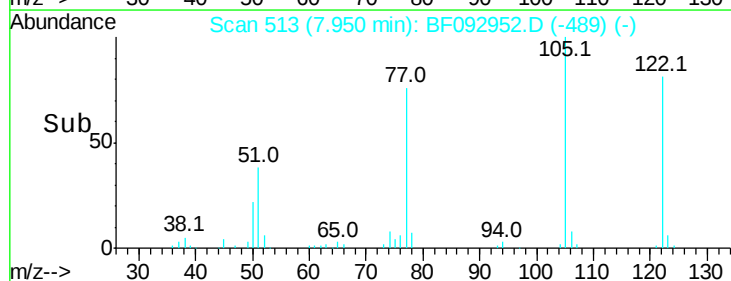
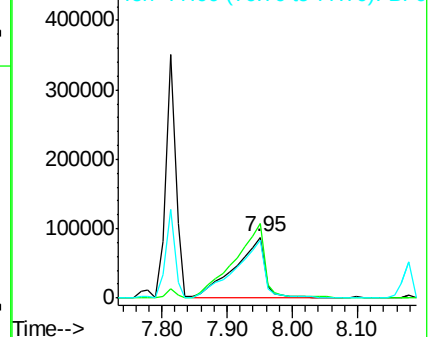
77 94.9 74.5 114.5



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

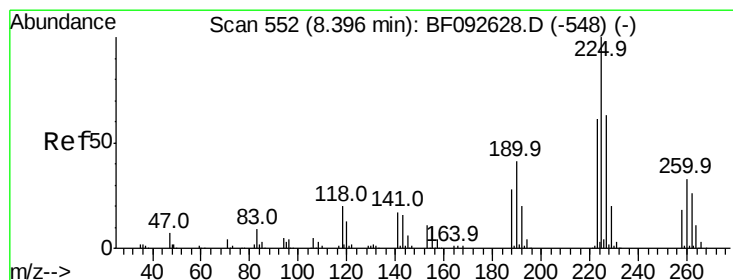
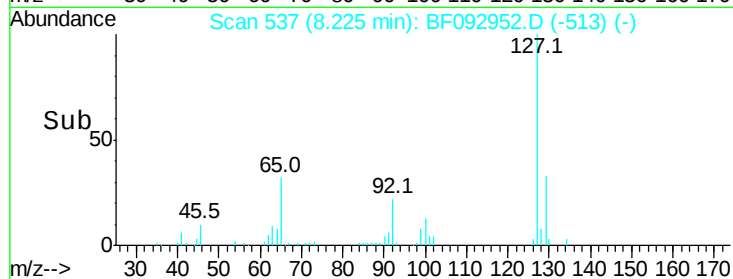
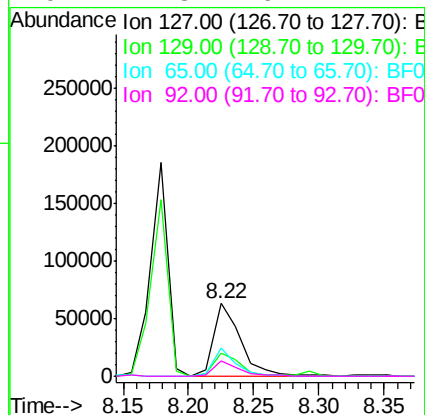
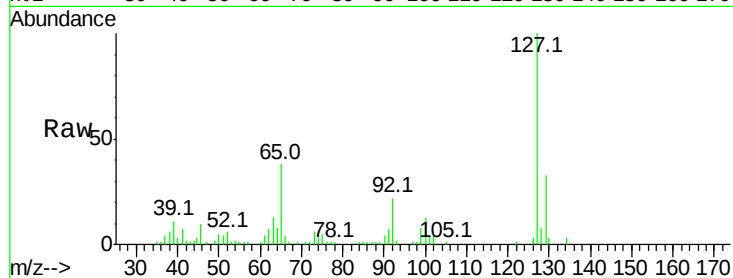




#33
4-Chloroaniline
Concen: 7.19 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.02 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

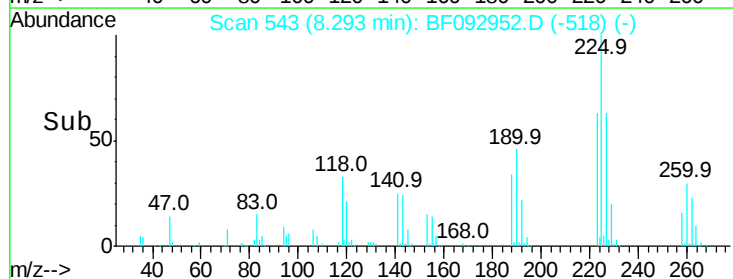
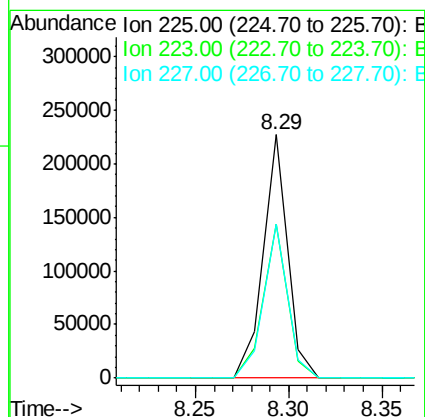
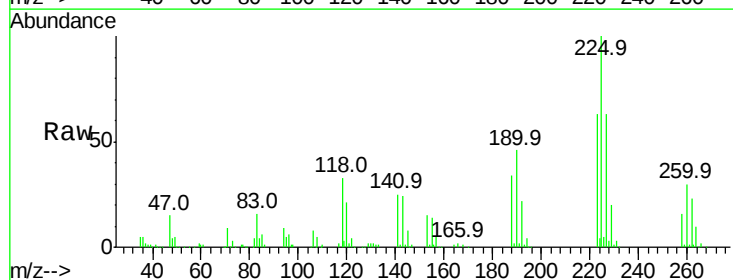
Instrument :
BNA_F
ClientSampleId :

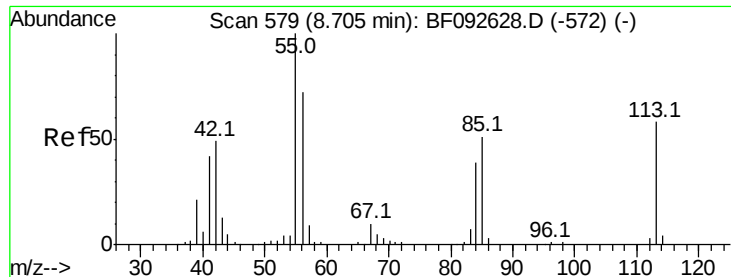
Tot Ion:	127	Resp:	89278
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.3	39.5
65	38.1	25.8	38.8
92	21.8	16.1	24.1



#34
Hexachlorobutadiene
Concen: 38.49 ng
RT: 8.29 min Scan# 543
Delta R.T. -0.01 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

Tgt Ion:	225	Resp:	204513
Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.0	76.6
227	63.1	50.6	76.0

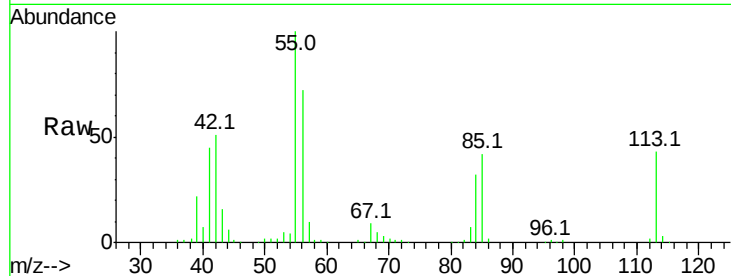




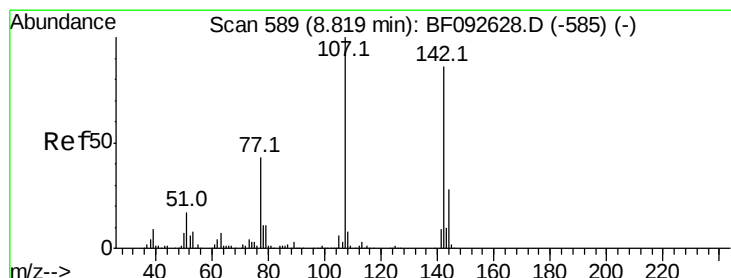
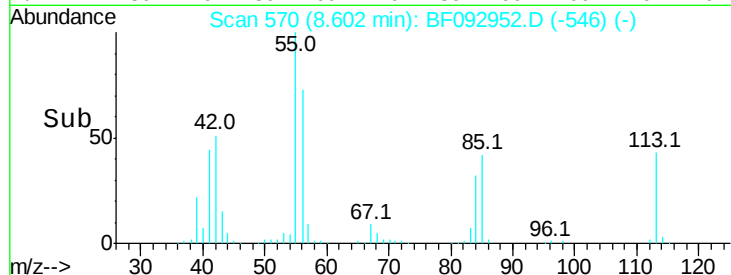
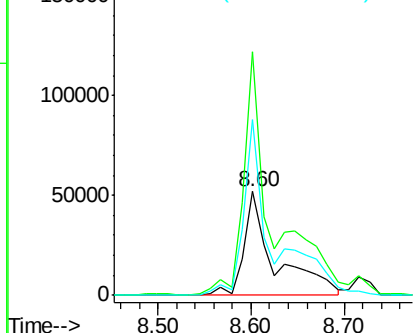
#35
 Caprolactam
 Concen: 42.51 ng
 RT: 8.60 min Scan# 570
 Delta R.T. -0.02 min
 Lab File: BF092952.D
 Acq: 15 Feb 2017 15:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 119842
 Ion Ratio Lower Upper
 113 100
 55 234.0 119.2 159.2#
 56 169.1 83.8 123.8#

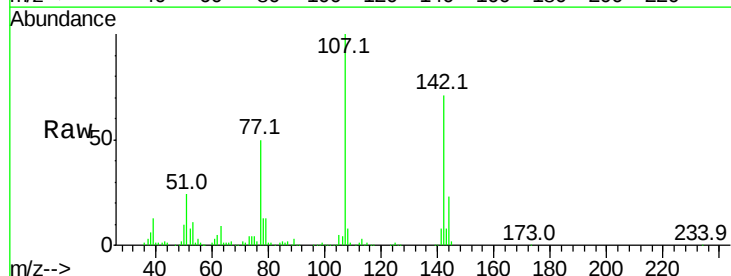


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

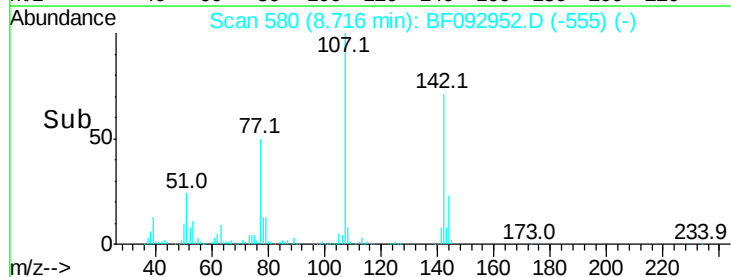
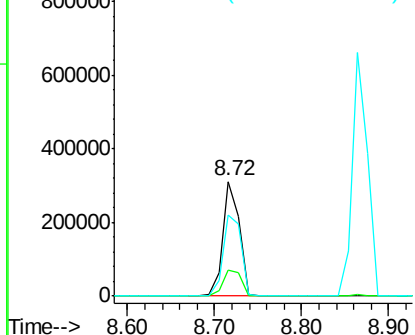


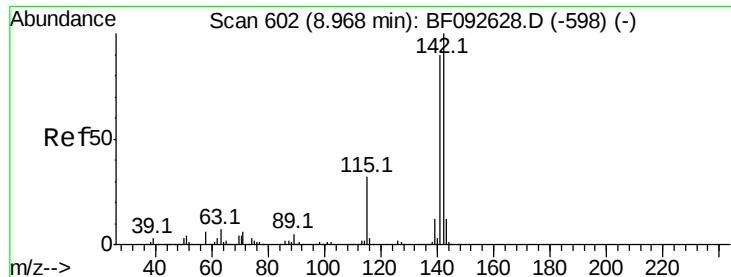
#36
 4-Chloro-3-methylphenol
 Concen: 44.20 ng
 RT: 8.72 min Scan# 580
 Delta R.T. -0.01 min
 Lab File: BF092952.D
 Acq: 15 Feb 2017 15:51

Tgt Ion:107 Resp: 412932
 Ion Ratio Lower Upper
 107 100
 144 22.8 19.3 28.9
 142 71.3 59.0 88.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.79 ng

RT: 8.86 min Scan# 593

Delta R.T. -0.02 min

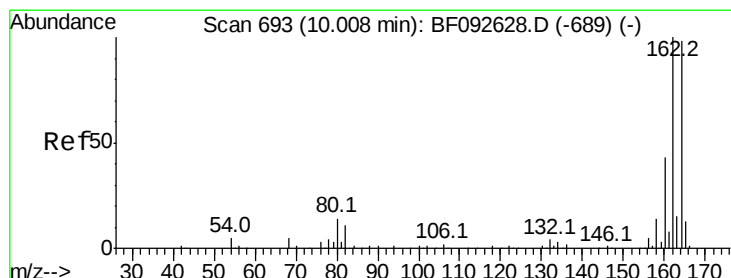
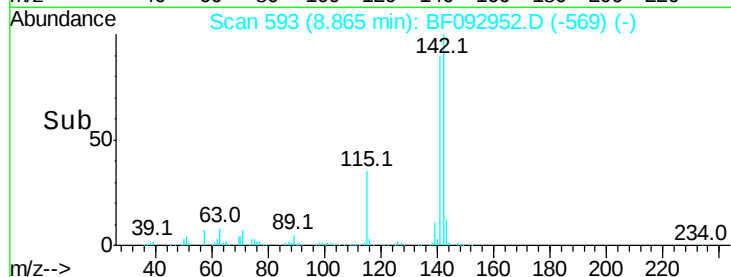
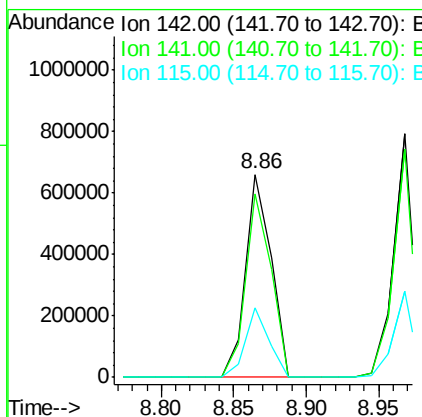
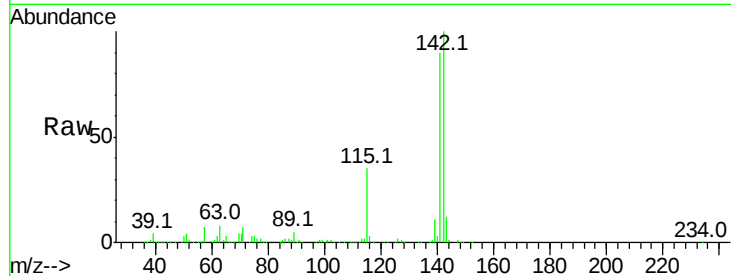
Lab File: BF092952.D

Acq: 15 Feb 2017 15:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 808456

Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.0	106.6
115	34.5	28.3	42.5



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.92 min Scan# 685

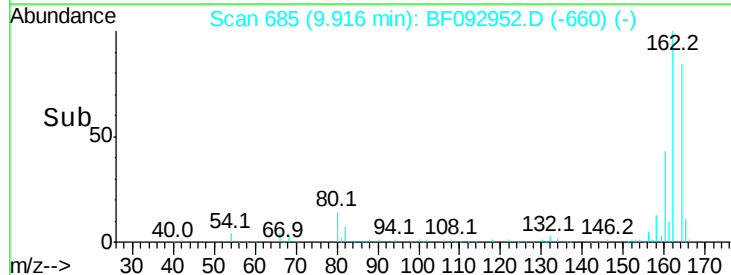
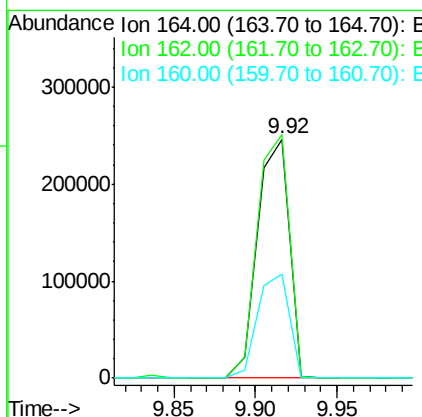
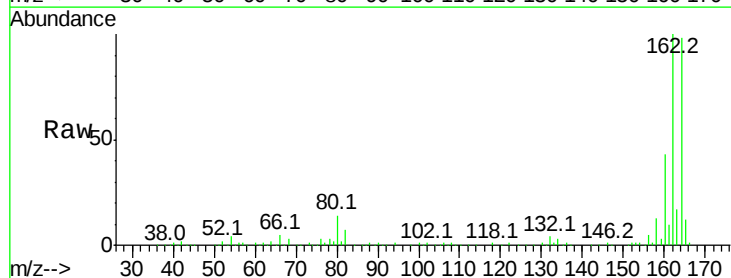
Delta R.T. -0.01 min

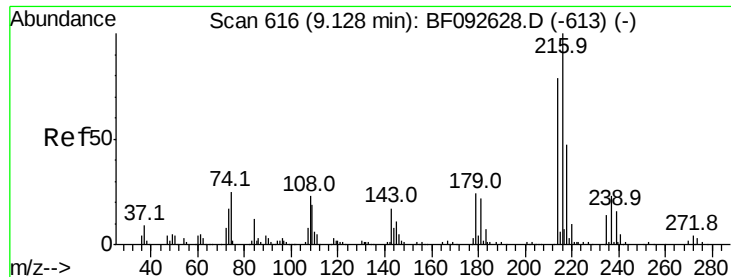
Lab File: BF092952.D

Acq: 15 Feb 2017 15:51

Tgt Ion:164 Resp: 333732

Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.2	120.2
160	43.3	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.98 ng

RT: 9.04 min Scan# 608

Delta R.T. -0.01 min

Lab File: BF092952.D

Acq: 15 Feb 2017 15:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 374492

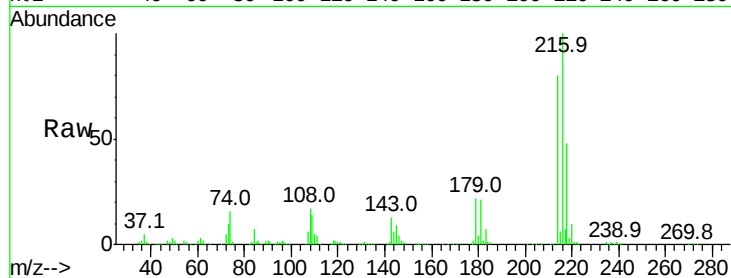
Ion Ratio Lower Upper

216 100

214 80.2 63.4 95.0

179 22.1 17.4 26.2

108 21.2 15.6 23.4

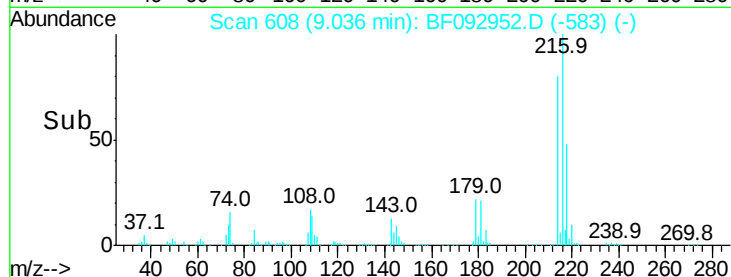


Abundance Ion 216.00 (215.70 to 216.70): E

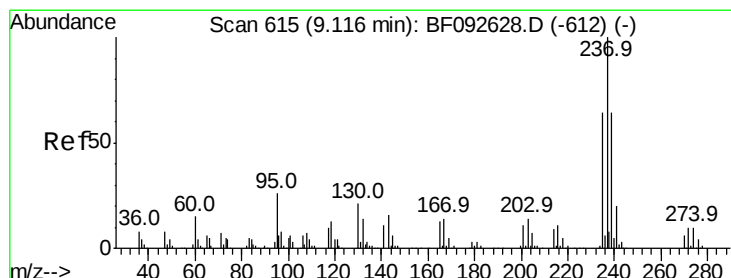
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time--> 8.95 9.00 9.05 9.10



#40

Hexachlorocyclopentadiene

Concen: 81.01 ng

RT: 9.02 min Scan# 607

Delta R.T. -0.01 min

Lab File: BF092952.D

Acq: 15 Feb 2017 15:51

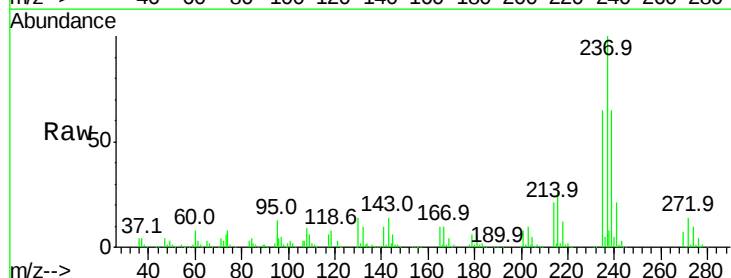
Tgt Ion:237 Resp: 342420

Ion Ratio Lower Upper

237 100

235 64.9 41.2 81.2

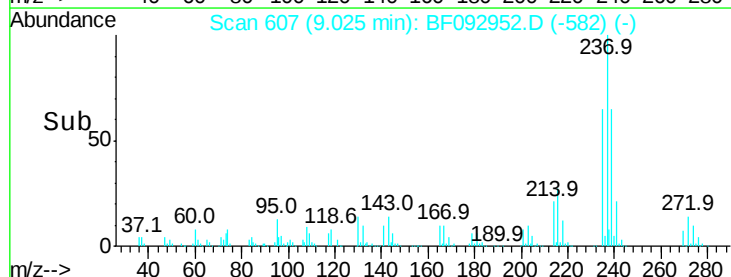
272 13.5 0.0 35.4



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



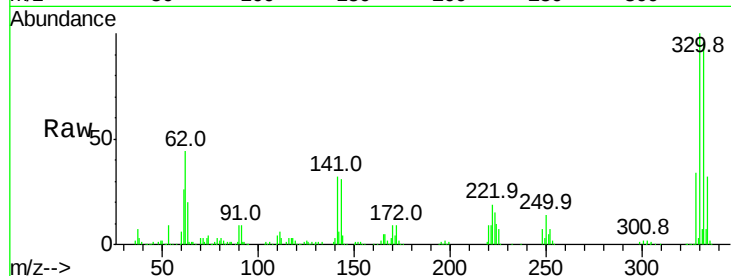
Time--> 8.95 9.00 9.05



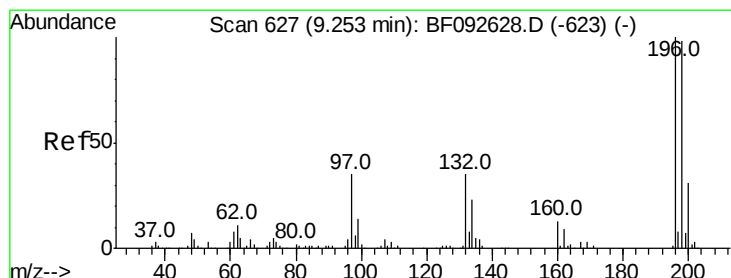
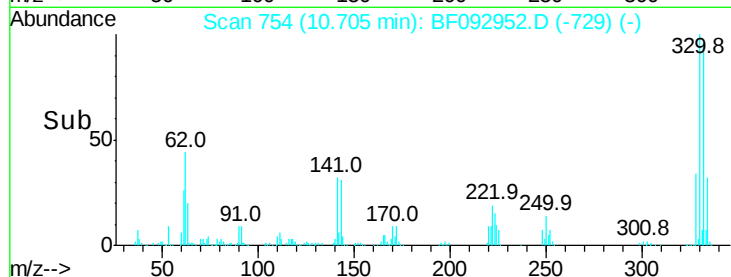
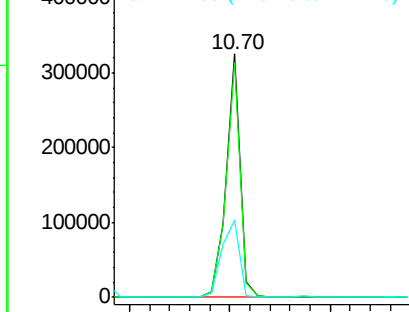
#41
 2,4,6-Tribromophenol
 Concen: 130.33 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF092952.D
 Acq: 15 Feb 2017 15:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 314576
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.4 116.2
 141 40.3 34.1 51.1

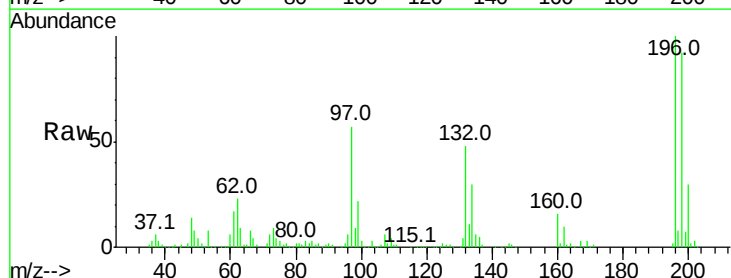


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

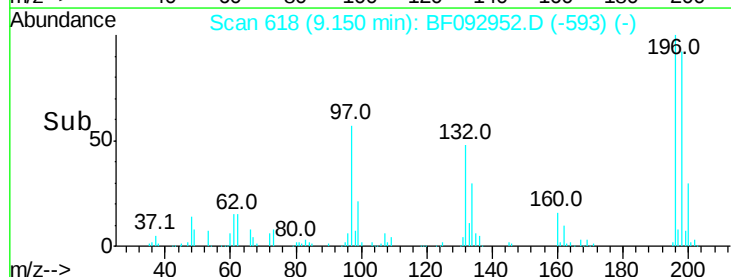
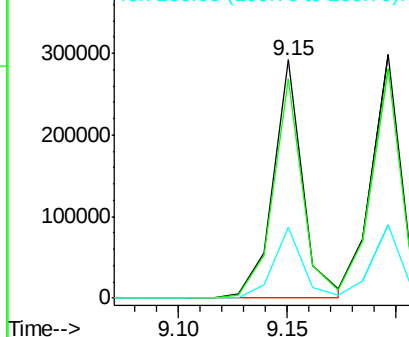


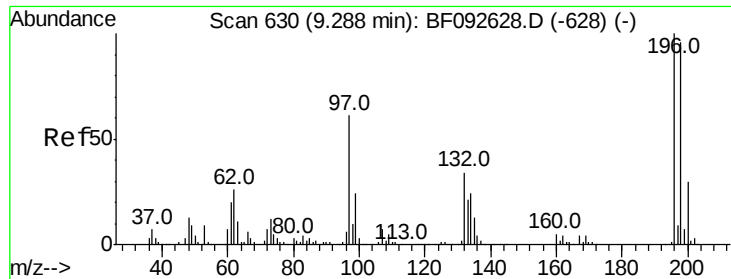
#42
 2,4,6-Trichlorophenol
 Concen: 44.91 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF092952.D
 Acq: 15 Feb 2017 15:51

Tgt Ion:196 Resp: 276425
 Ion Ratio Lower Upper
 196 100
 198 92.1 82.1 123.1
 200 29.9 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

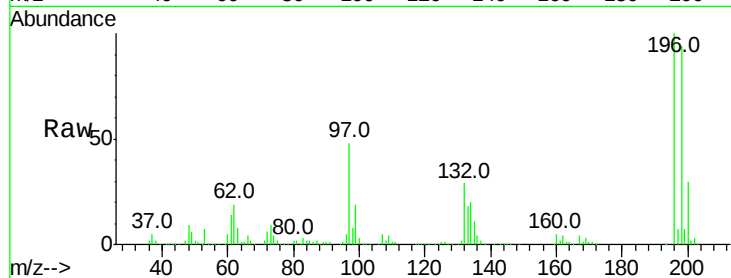




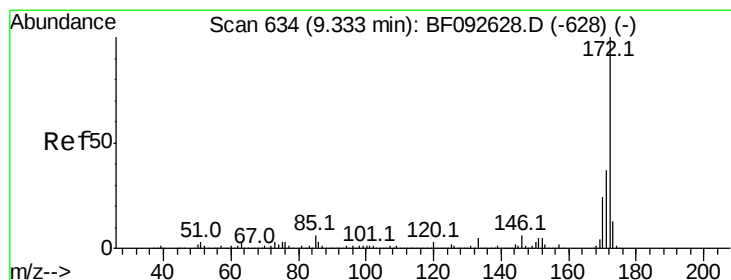
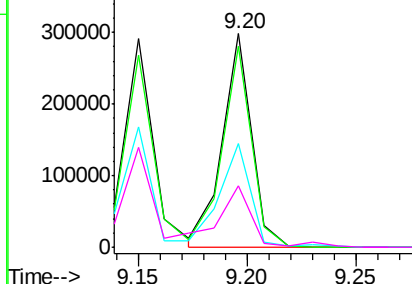
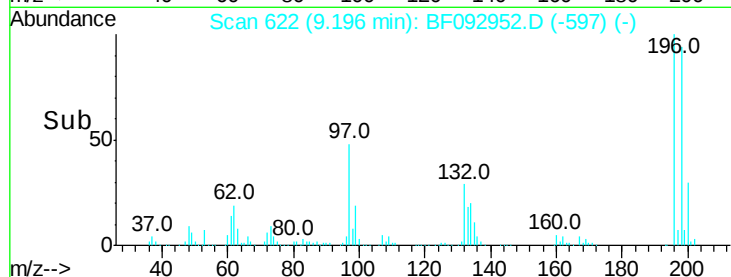
#43
 2,4,5-Trichlorophenol
 Concen: 40.87 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF092952.D
 Acq: 15 Feb 2017 15:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 275682
 Ion Ratio Lower Upper
 196 100
 198 94.3 79.4 119.2
 97 48.5 51.5 77.3#
 132 28.9 27.4 41.2

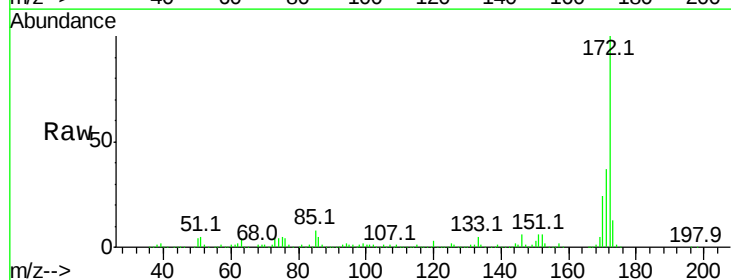


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

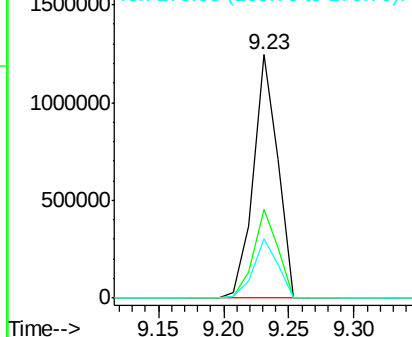
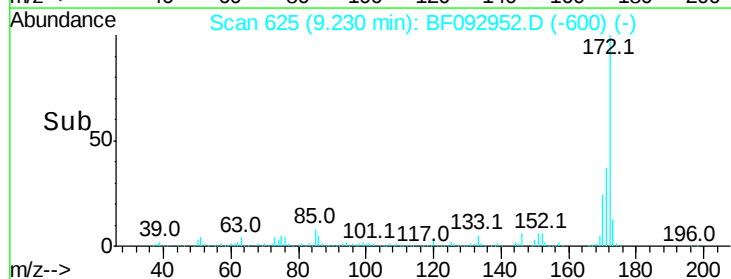


#44
 2-Fluorobiphenyl
 Concen: 87.68 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF092952.D
 Acq: 15 Feb 2017 15:51

Tgt Ion:172 Resp: 1615132
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 24.2 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: 40.58 ng

RT: 9.33 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF092952.D

Acq: 15 Feb 2017 15:51

Instrument :

BNA_F

ClientSampled :

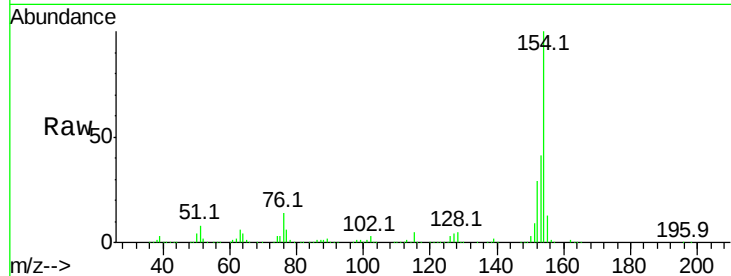
Tot Ion:154 Resp: 980579

Ion Ratio Lower Upper

154 100

153 41.5 20.9 60.9

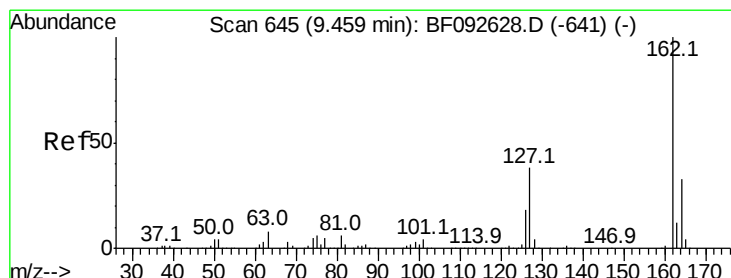
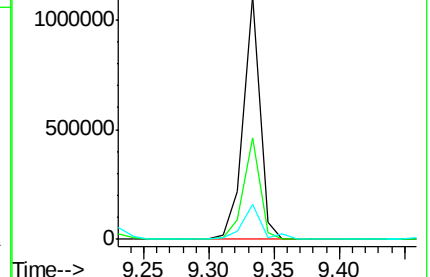
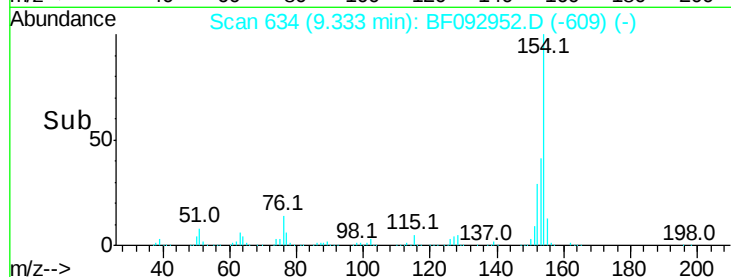
76 14.3 0.0 30.5



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: 40.69 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.01 min

Lab File: BF092952.D

Acq: 15 Feb 2017 15:51

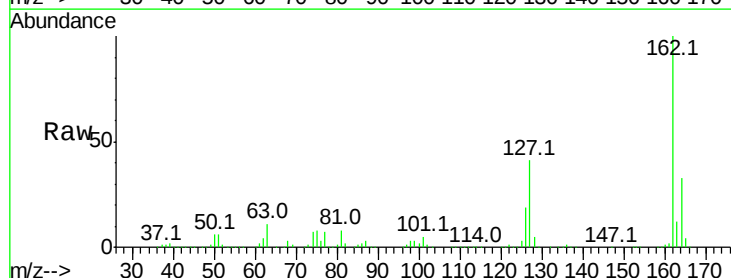
Tgt Ion:162 Resp: 769147

Ion Ratio Lower Upper

162 100

127 41.4 30.7 46.1

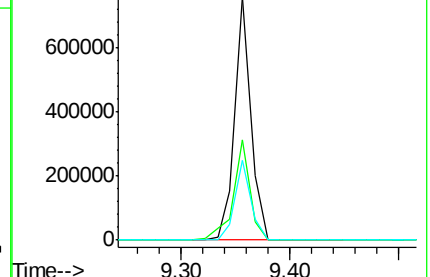
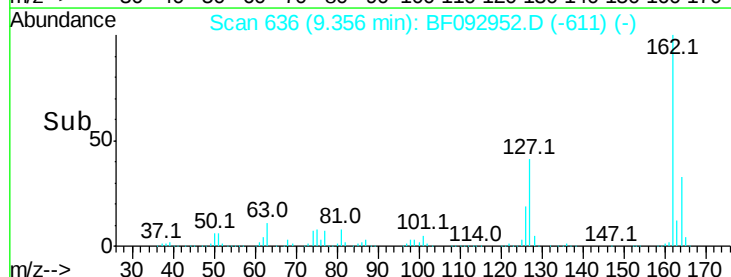
164 32.8 27.6 41.4



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

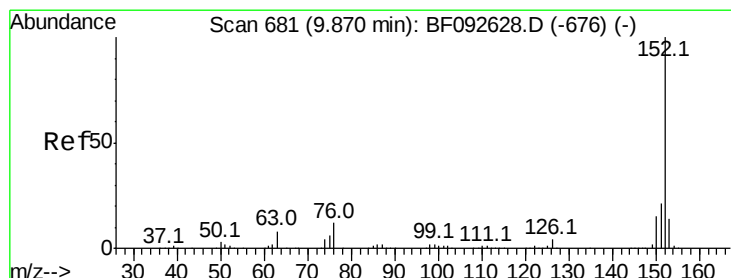
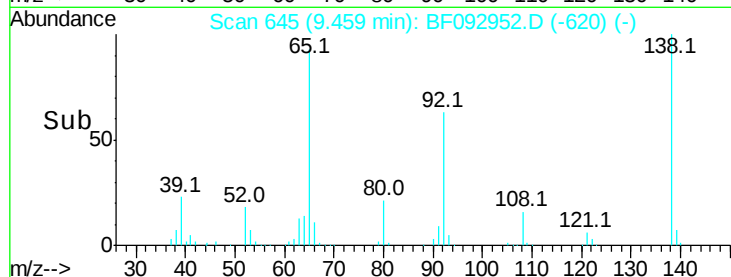
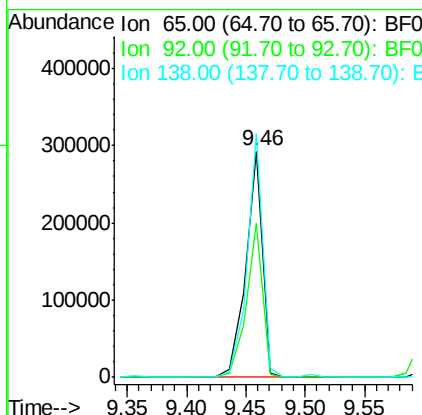
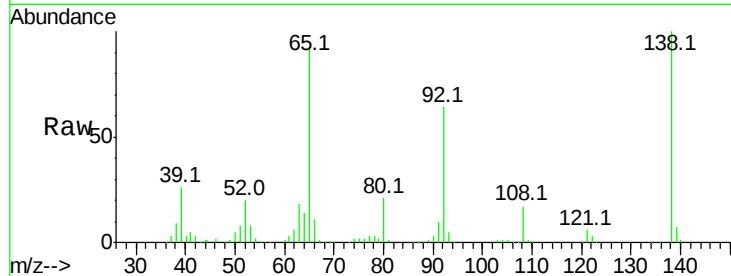




#47
2-Nitroaniline
Concen: 45.09 ng
RT: 9.46 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

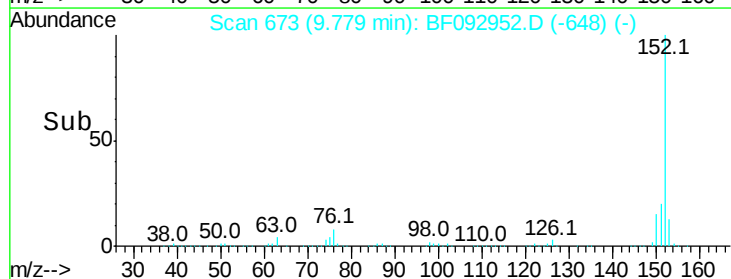
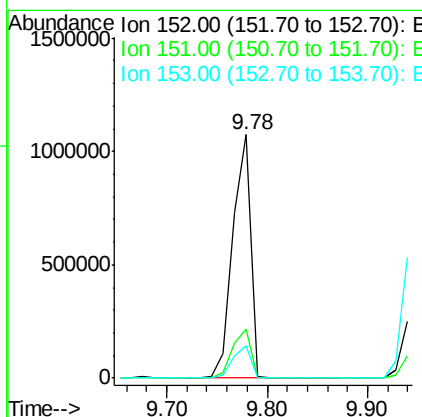
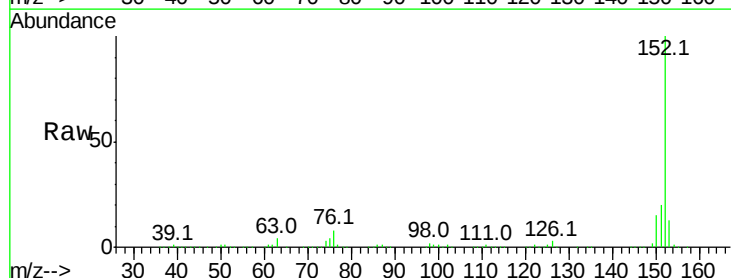
Instrument :
BNA_F
ClientSampleId :

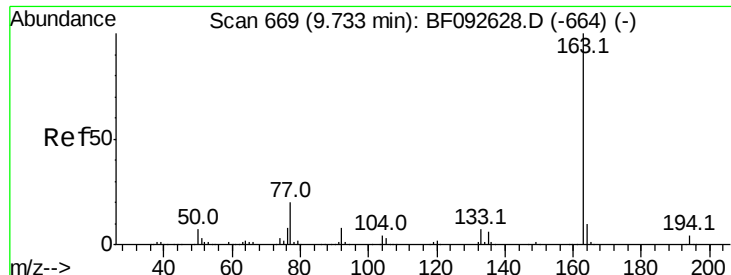
Tot Ion: 65 Resp: 286603
Ion Ratio Lower Upper
65 100
92 68.5 53.9 80.9
138 107.9 76.8 115.2



#48
Acenaphthylene
Concen: 40.59 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

Tgt Ion:152 Resp: 1325533
Ion Ratio Lower Upper
152 100
151 20.2 16.9 25.3
153 13.4 11.4 17.2

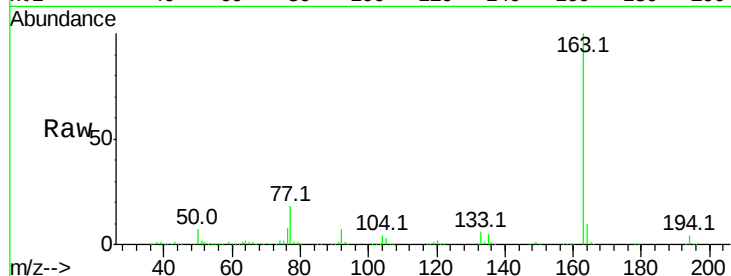




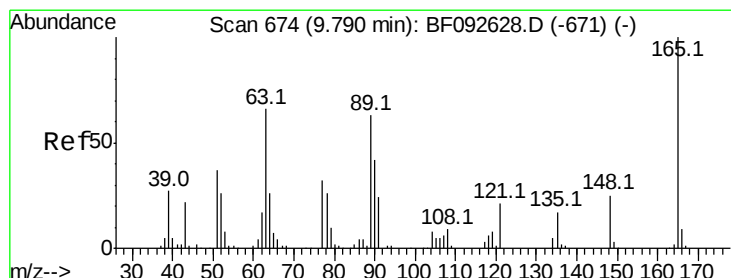
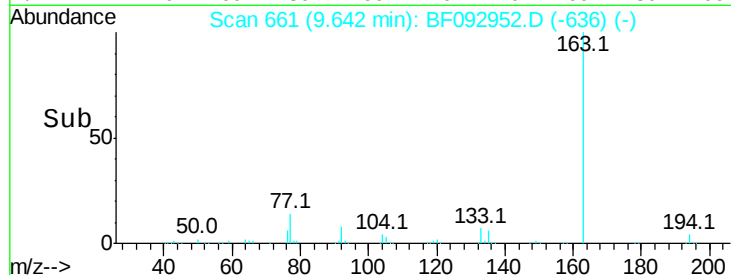
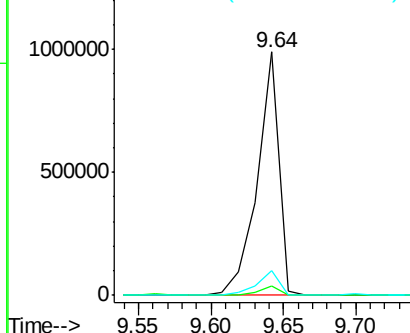
#49
Dimethylphthalate
Concen: 45.35 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1019360
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.1 8.0 12.0

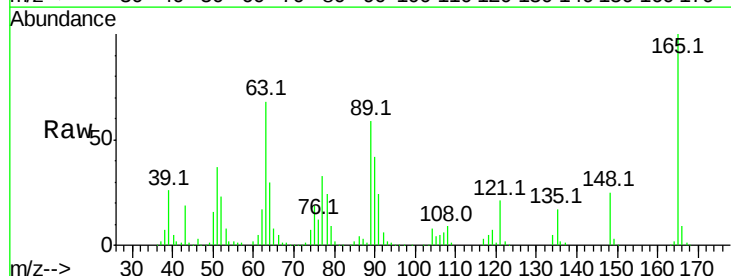


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

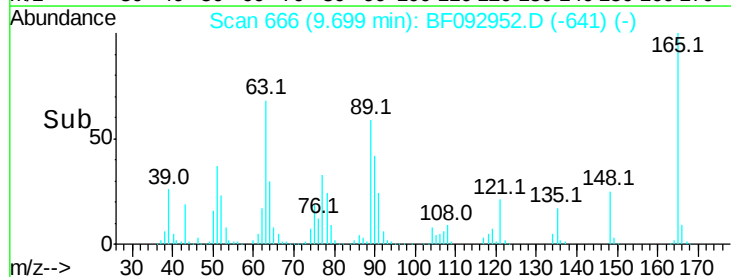
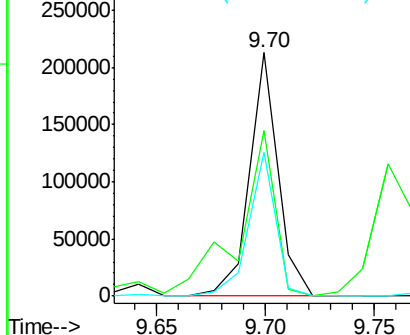


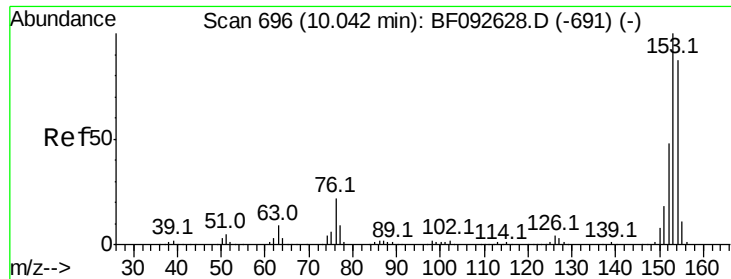
#50
2,6-Dinitrotoluene
Concen: 39.96 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

Tgt Ion:165 Resp: 193991
Ion Ratio Lower Upper
165 100
63 67.9 36.2 54.4#
89 59.1 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: 44.36 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF092952.D

Acq: 15 Feb 2017 15:51

Instrument :

BNA_F

ClientSampleId :

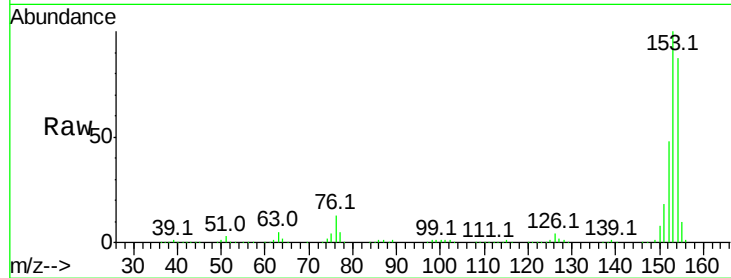
Tot Ion:154 Resp: 866103

Ion Ratio Lower Upper

154 100

153 114.6 88.6 133.0

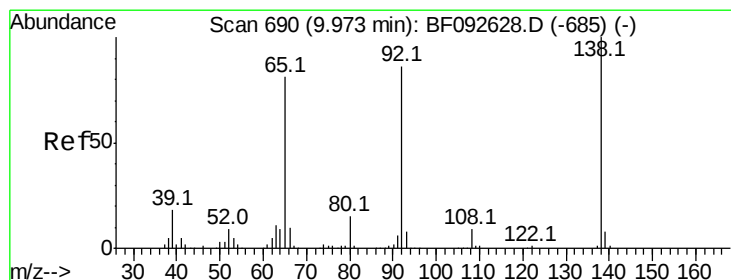
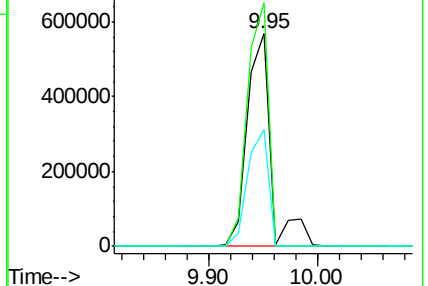
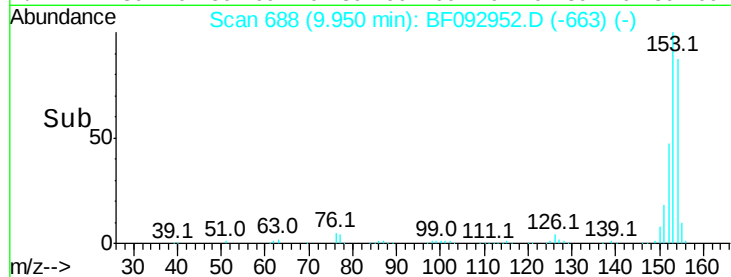
152 54.8 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 15.02 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF092952.D

Acq: 15 Feb 2017 15:51

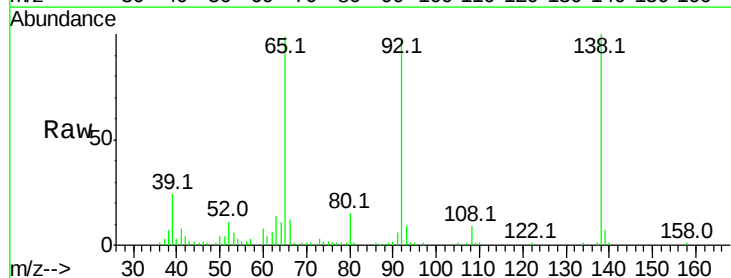
Tgt Ion:138 Resp: 83424

Ion Ratio Lower Upper

138 100

108 9.1 8.5 12.7

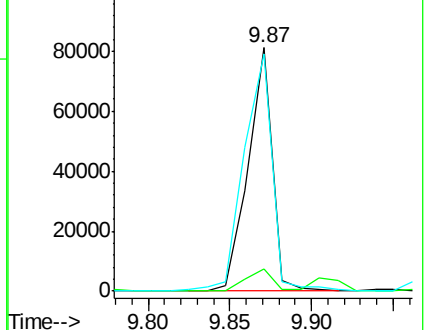
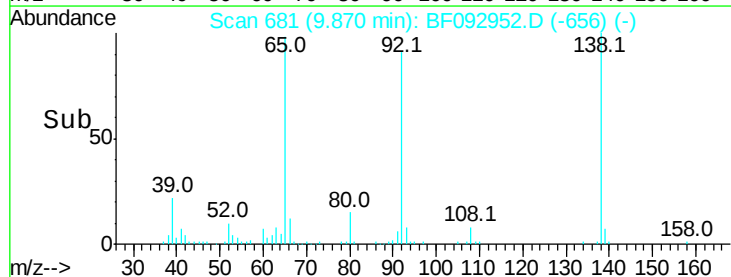
92 97.3 97.8 146.8#

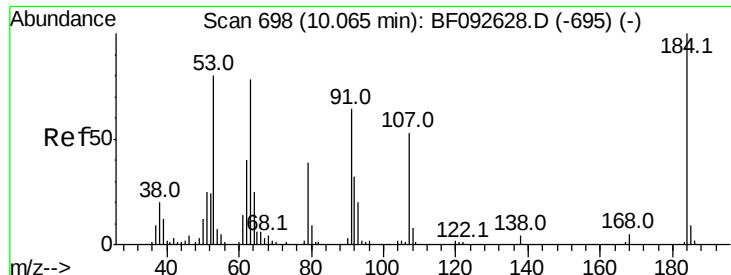


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

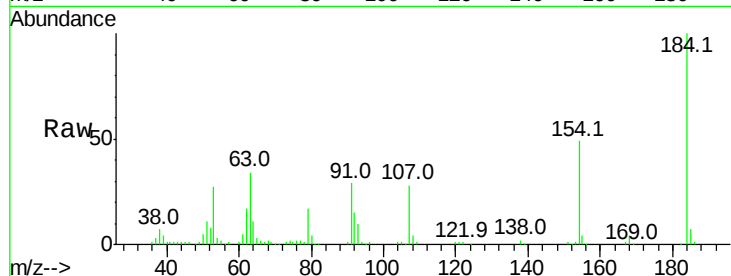




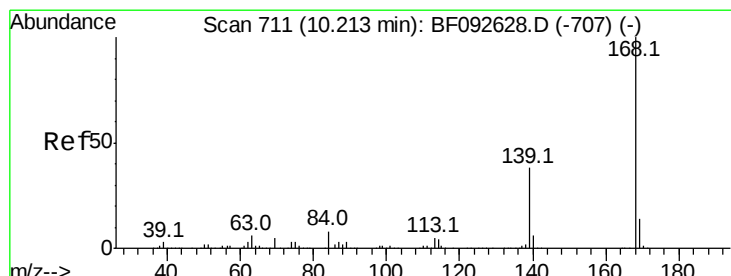
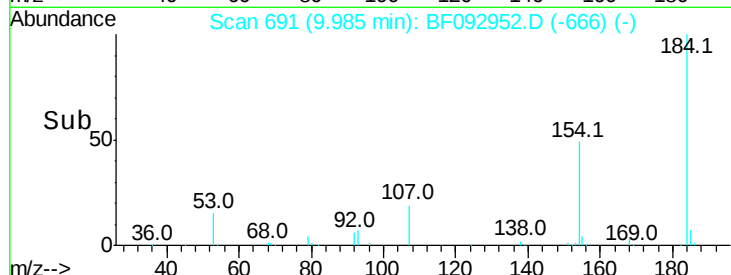
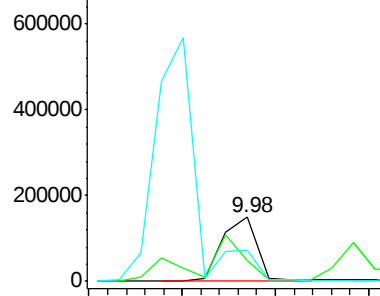
#53
 2,4-Dinitrophenol
 Concen: 79.15 ng
 RT: 9.98 min Scan# 691
 Delta R.T. -0.01 min
 Lab File: BF092952.D
 Acq: 15 Feb 2017 15:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 195324
 Ion Ratio Lower Upper
 184 100
 63 33.7 28.4 42.6
 154 49.4 44.3 66.5

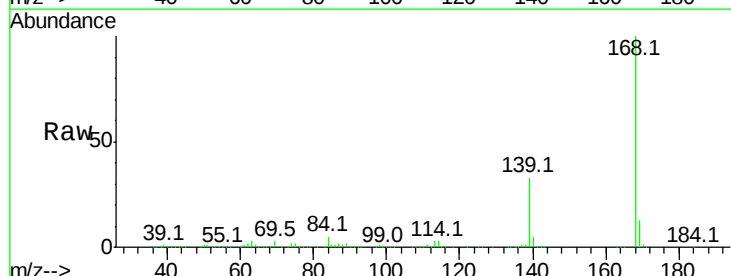


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

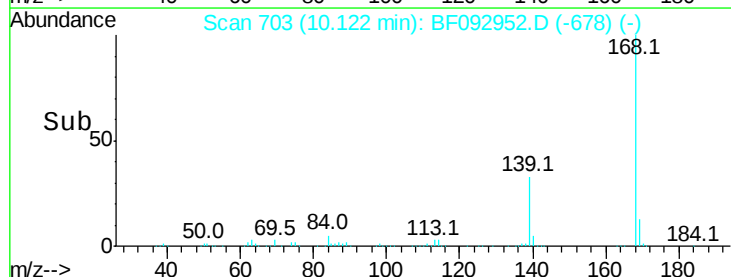
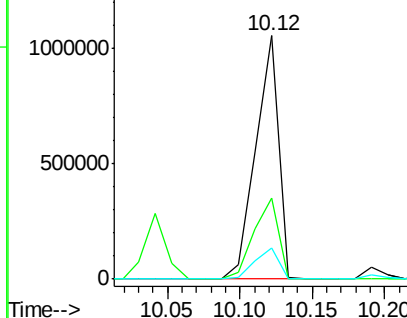


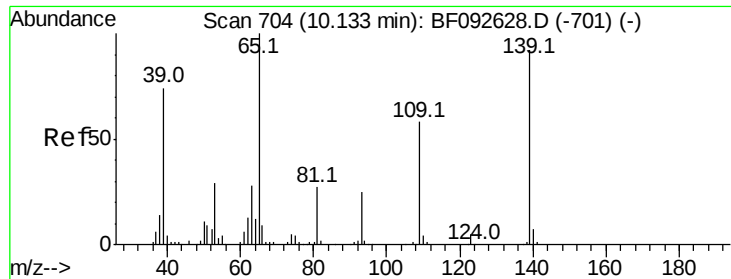
#54
 Dibenzofuran
 Concen: 44.12 ng
 RT: 10.12 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF092952.D
 Acq: 15 Feb 2017 15:51

Tgt Ion:168 Resp: 1152317
 Ion Ratio Lower Upper
 168 100
 139 33.3 32.6 49.0
 169 12.9 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

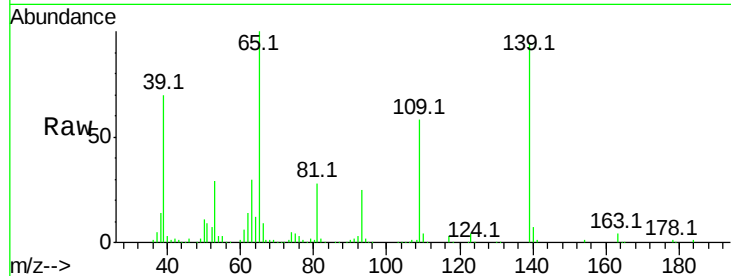




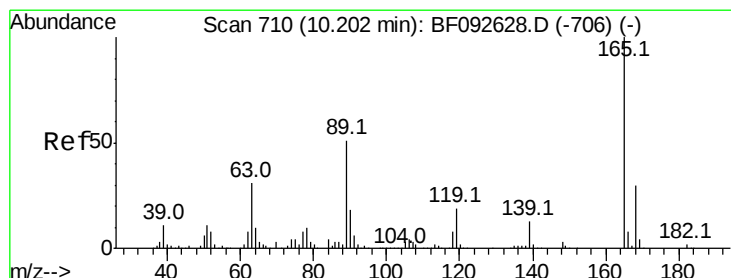
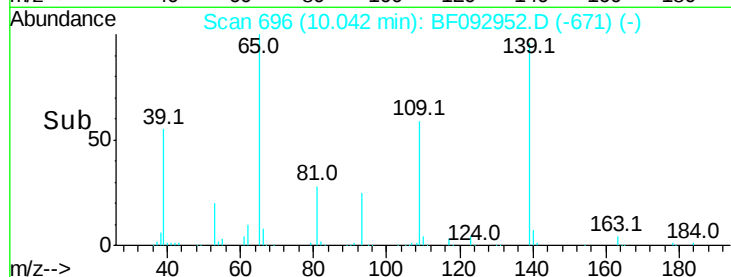
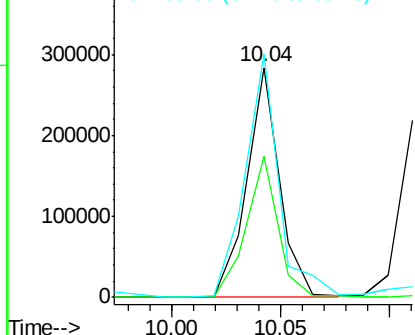
#55
4-Nitrophenol
Concen: 74.68 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 298833
Ion Ratio Lower Upper
139 100
109 61.6 52.2 92.2
65 106.0 85.8 125.8

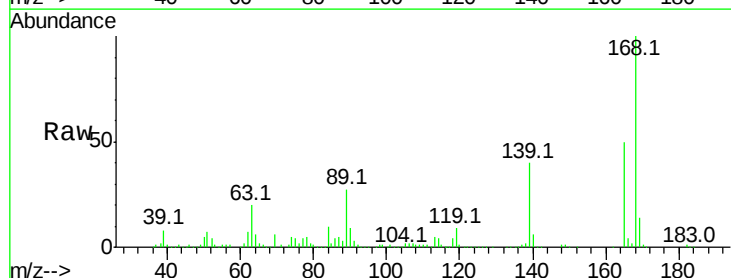


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

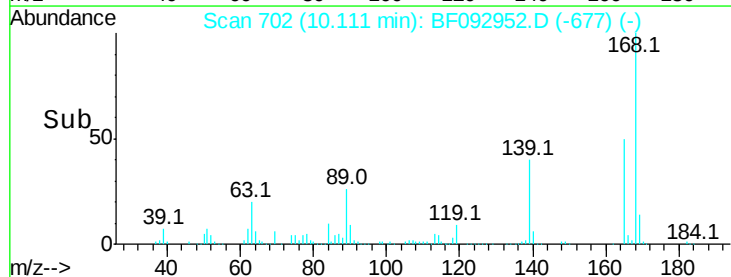
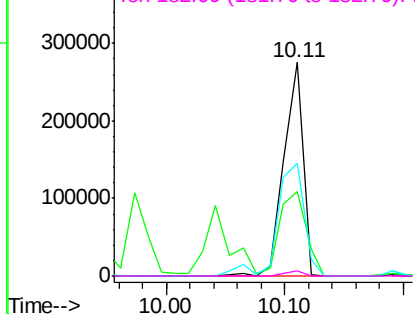


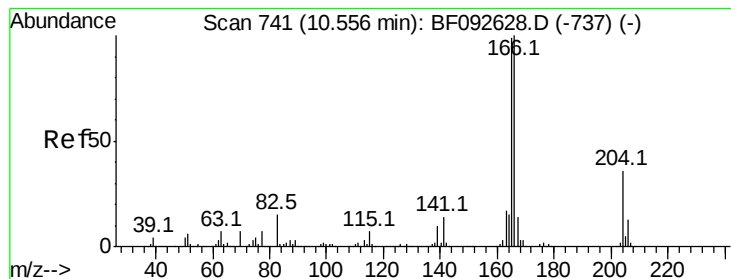
#56
2,4-Dinitrotoluene
Concen: 47.15 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.01 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

Tgt Ion:165 Resp: 304737
Ion Ratio Lower Upper
165 100
63 39.8 40.2 60.4#
89 52.9 62.5 93.7#
182 2.3 1.8 2.8



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





#57

Fluorene

Concen: 42.19 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF092952.D

Acq: 15 Feb 2017 15:51

Instrument :

BNA_F

ClientSampleId :

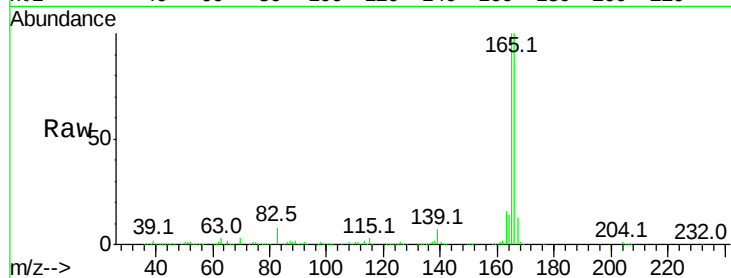
Tot Ion:166 Resp: 847659

Ion Ratio Lower Upper

166 100

165 100.2 77.8 116.8

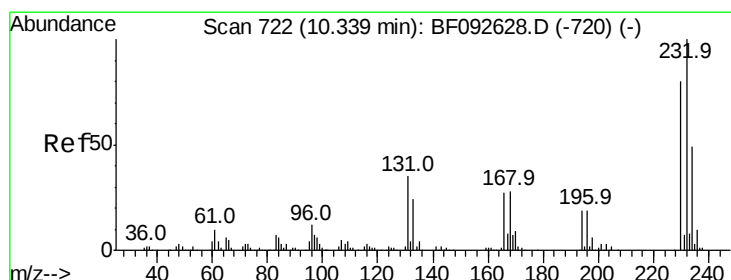
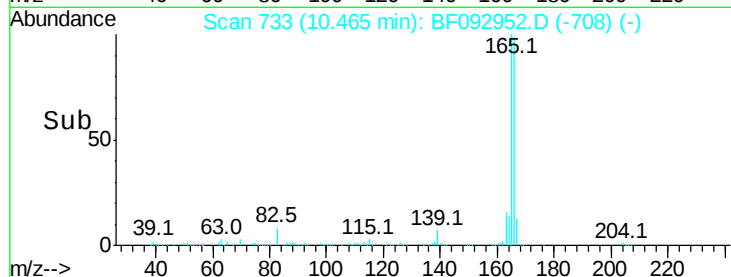
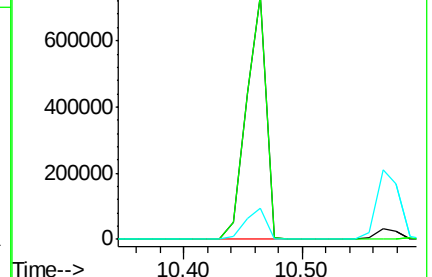
167 12.8 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.81 ng

RT: 10.24 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF092952.D

Acq: 15 Feb 2017 15:51

Tgt Ion:232 Resp: 215110

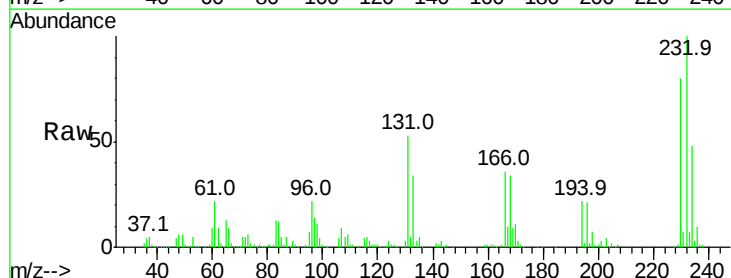
Ion Ratio Lower Upper

232 100

131 48.9 40.1 60.1

130 2.4 1.8 2.8

166 32.7 26.6 39.8

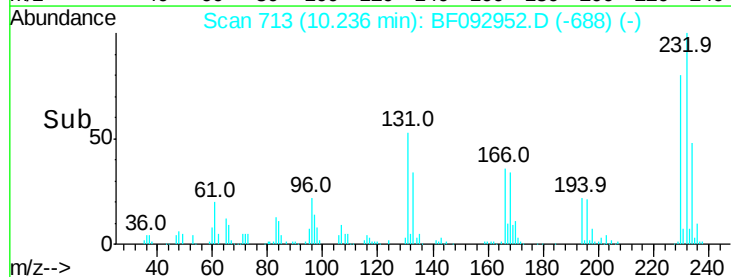
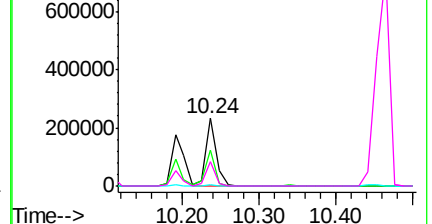


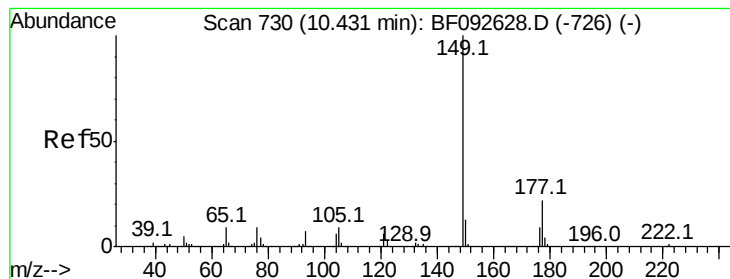
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 44.59 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF092952.D

Acq: 15 Feb 2017 15:51

Instrument :

BNA_F

ClientSampled :

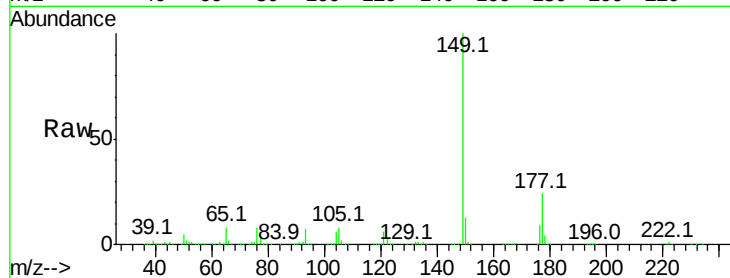
Tot Ion:149 Resp: 944647

Ion Ratio Lower Upper

149 100

177 23.5 16.6 25.0

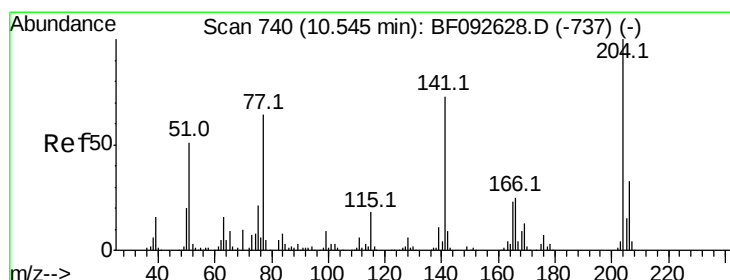
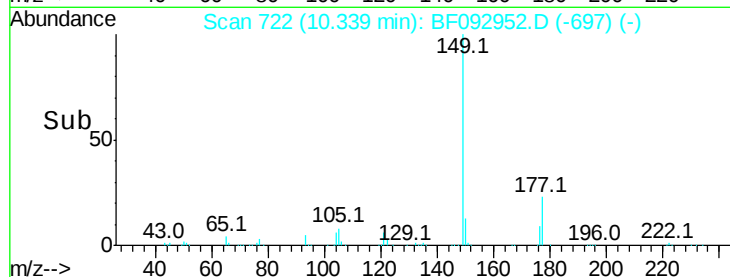
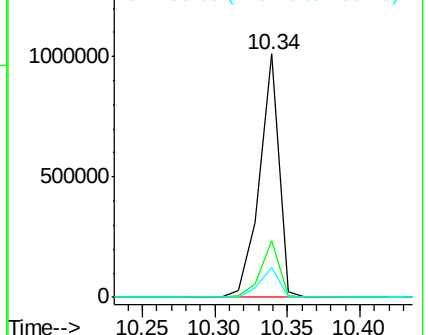
150 12.5 10.4 15.6



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: 42.40 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF092952.D

Acq: 15 Feb 2017 15:51

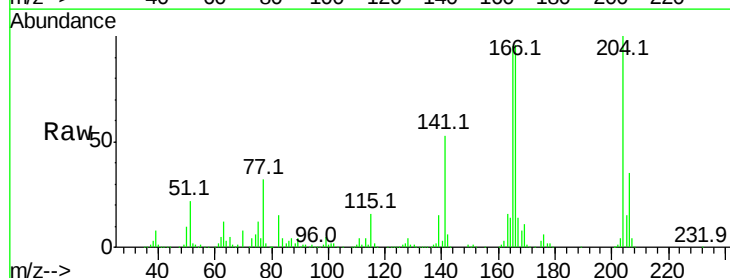
Tgt Ion:204 Resp: 409289

Ion Ratio Lower Upper

204 100

206 34.8 25.8 38.6

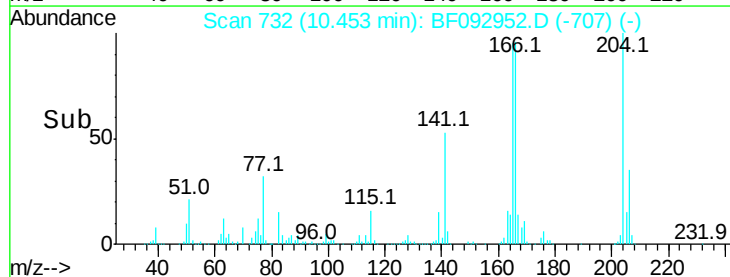
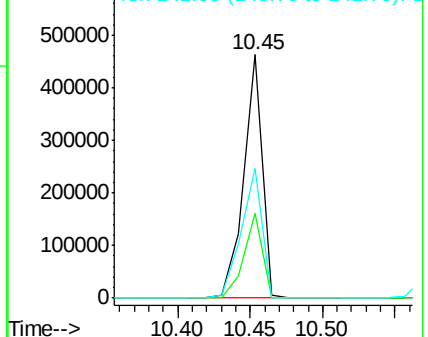
141 53.3 59.4 89.0#

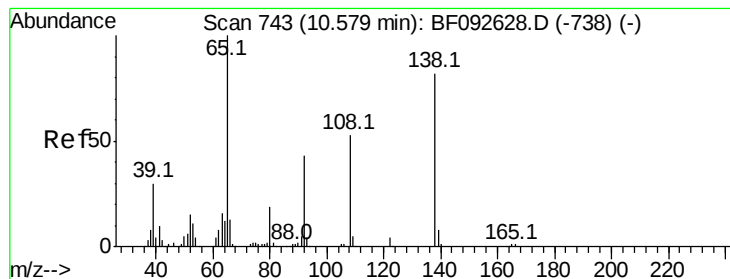


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

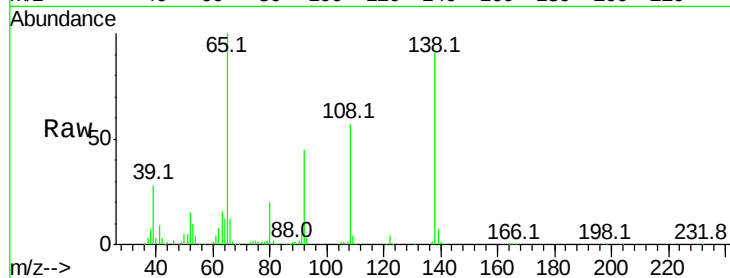




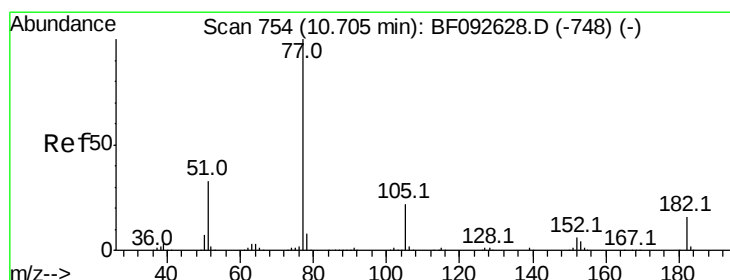
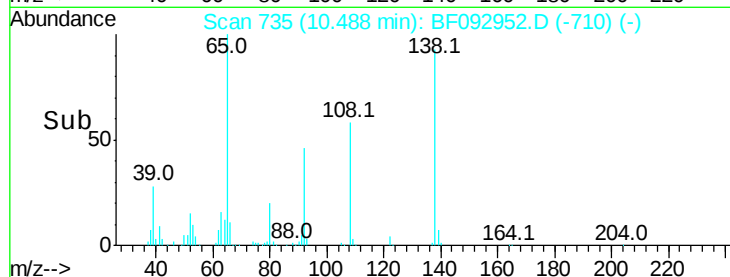
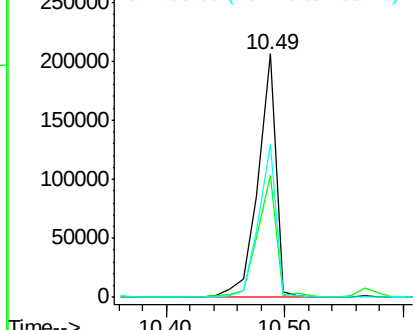
#61
4-Nitroaniline
Concen: 38.71 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 220267
Ion Ratio Lower Upper
138 100
92 49.9 31.7 71.7
108 62.8 52.6 92.6

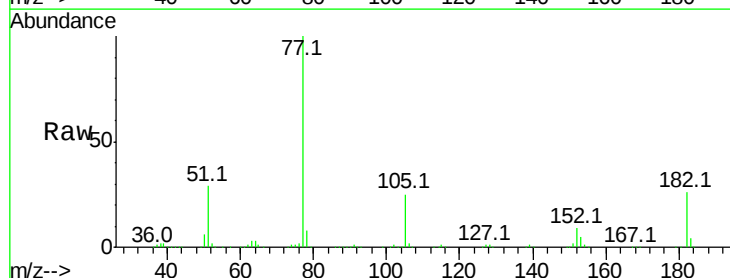


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

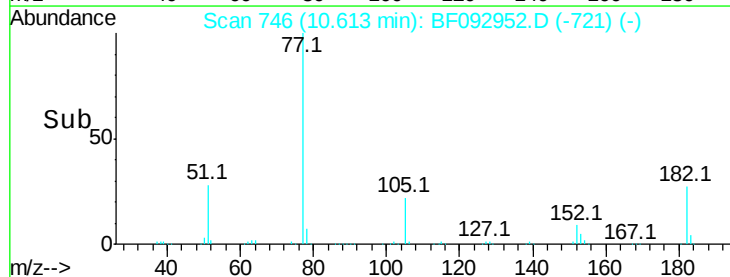
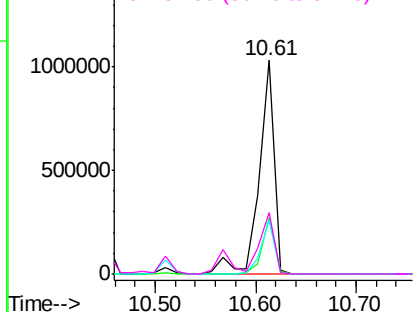


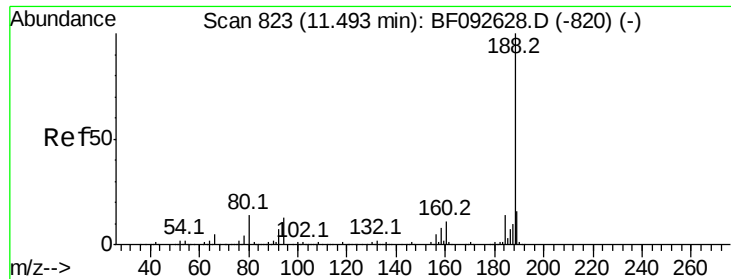
#62
Azobenzene
Concen: 49.08 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

Tgt Ion: 77 Resp: 1074176
Ion Ratio Lower Upper
77 100
182 26.5 0.0 39.3
105 24.9 2.3 42.3
51 28.9 8.9 48.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

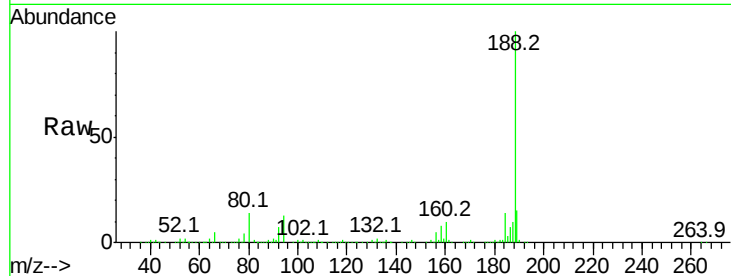




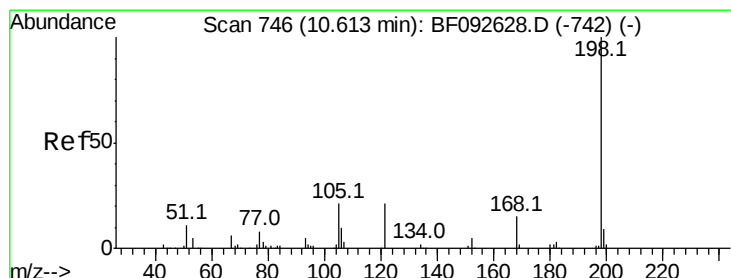
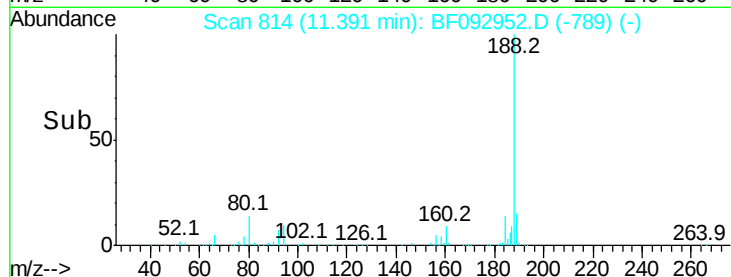
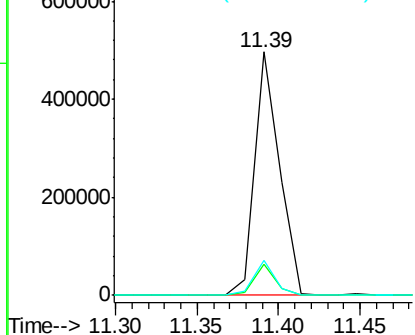
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 523628
Ion Ratio Lower Upper
188 100
94 13.0 10.0 15.0
80 14.5 11.2 16.8

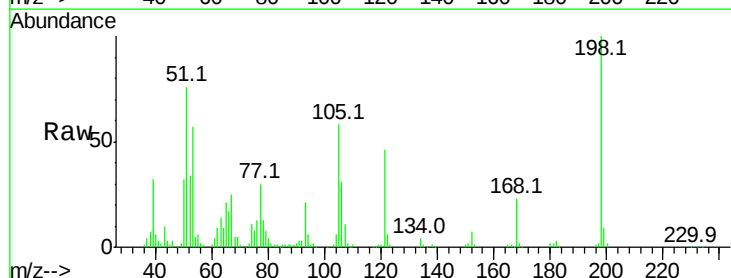


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

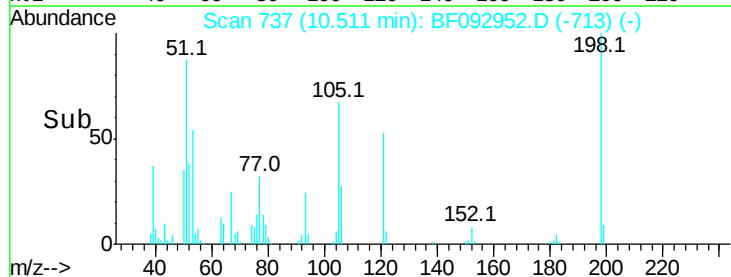
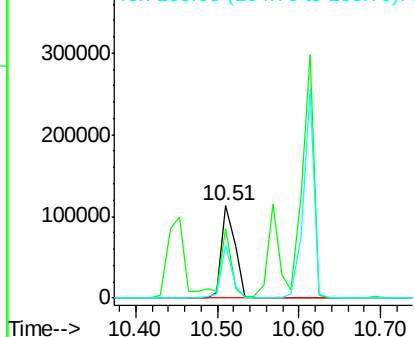


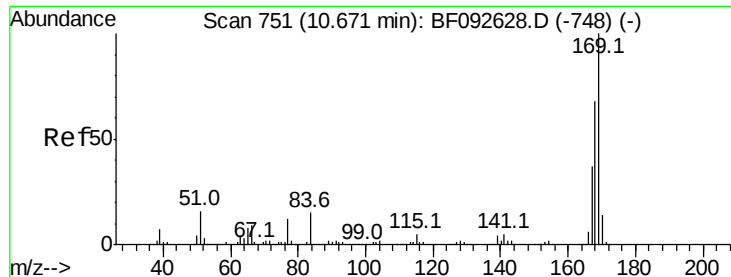
#64
4,6-Dinitro-2-methylphenol
Concen: 41.13 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.02 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

Tgt Ion:198 Resp: 129809
Ion Ratio Lower Upper
198 100
51 75.7 6.7 46.7#
105 57.7 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: 44.08 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF092952.D

Acq: 15 Feb 2017 15:51

Instrument :

BNA_F

ClientSampleId :

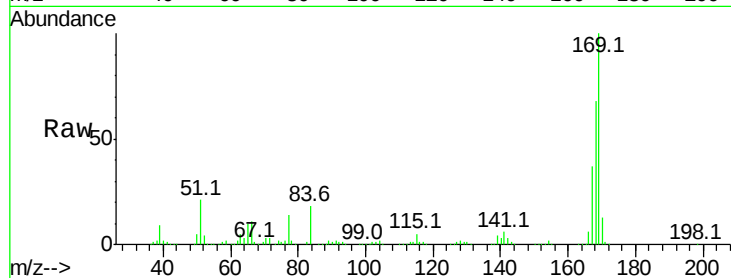
Tot Ion:169 Resp: 737357

Ion Ratio Lower Upper

169 100

168 68.1 54.2 81.2

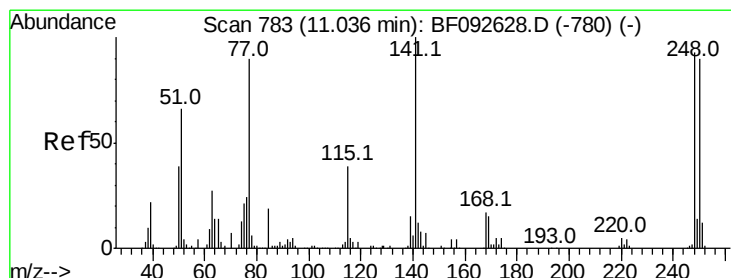
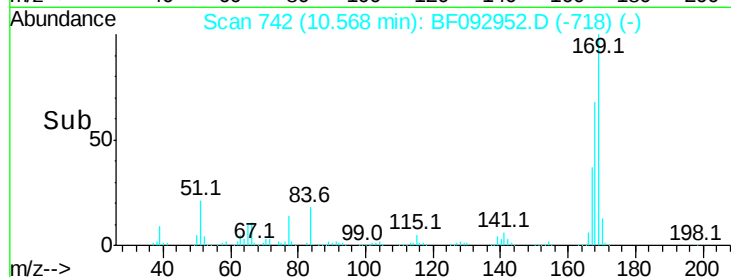
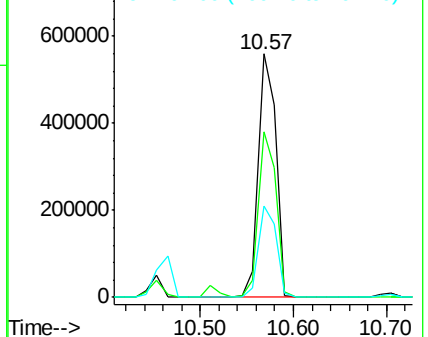
167 37.4 30.2 45.4



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: 45.26 ng

RT: 10.94 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF092952.D

Acq: 15 Feb 2017 15:51

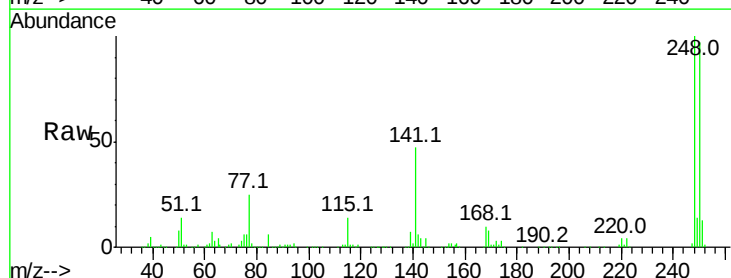
Tgt Ion:248 Resp: 247591

Ion Ratio Lower Upper

248 100

250 96.6 76.9 115.3

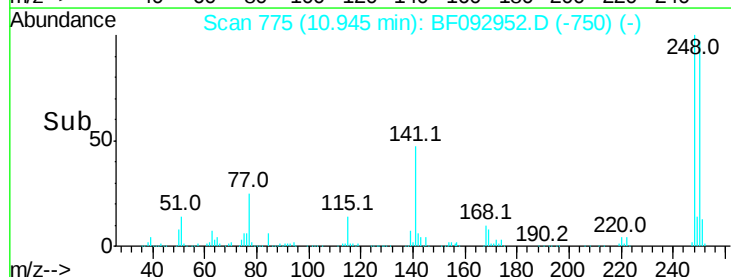
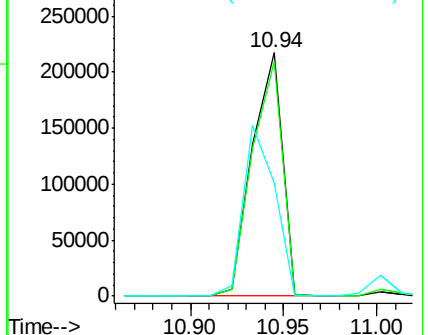
141 46.6 68.2 102.4#

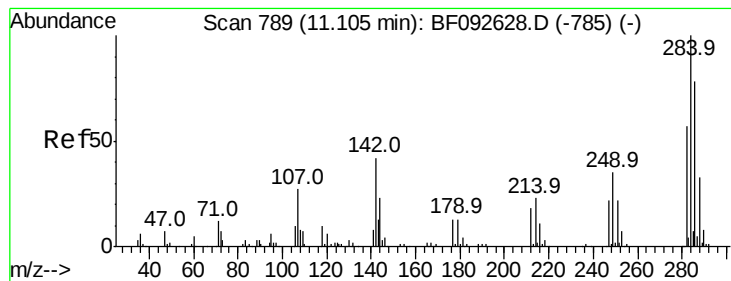


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.90 ng

RT: 11.00 min Scan# 780

Delta R.T. -0.02 min

Lab File: BF092952.D

Acq: 15 Feb 2017 15:51

Instrument :

BNA_F

ClientSampled :

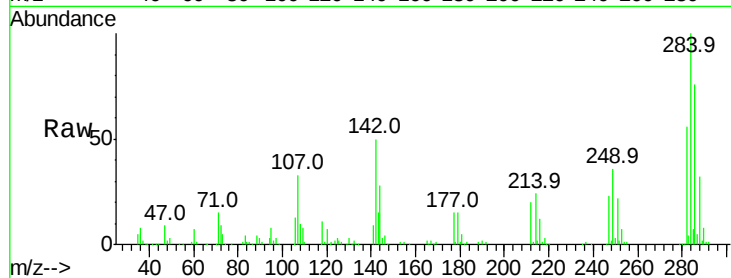
Tot Ion:284 Resp: 226515

Ion Ratio Lower Upper

284 100

142 50.0 22.6 33.8#

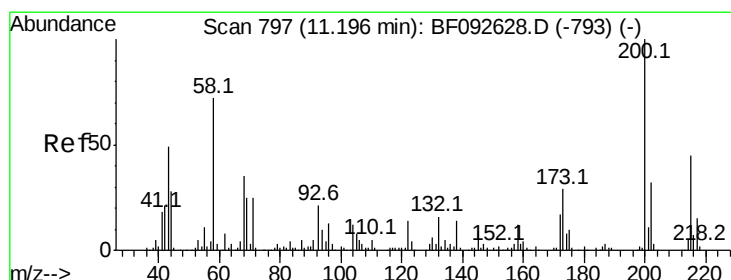
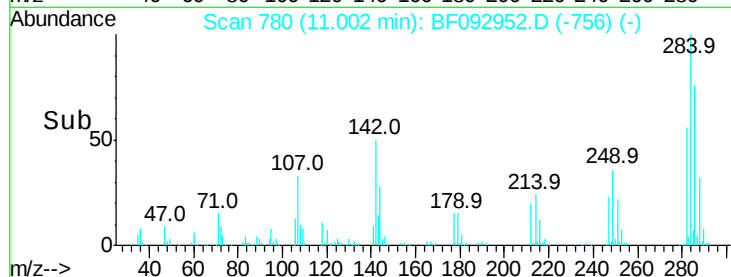
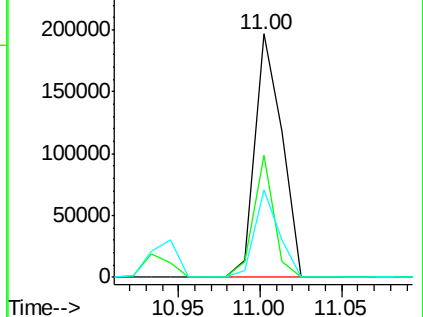
249 36.0 25.4 38.0



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: 48.44 ng

RT: 11.10 min Scan# 789

Delta R.T. -0.01 min

Lab File: BF092952.D

Acq: 15 Feb 2017 15:51

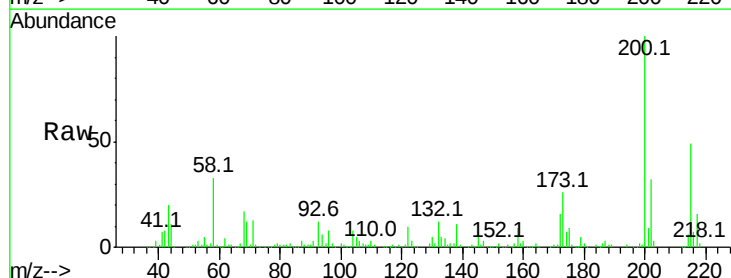
Tgt Ion:200 Resp: 260040

Ion Ratio Lower Upper

200 100

173 25.9 9.6 49.6

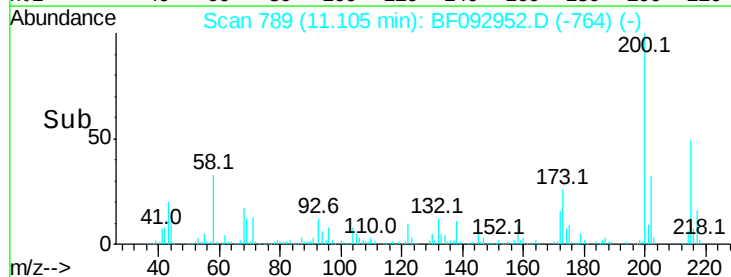
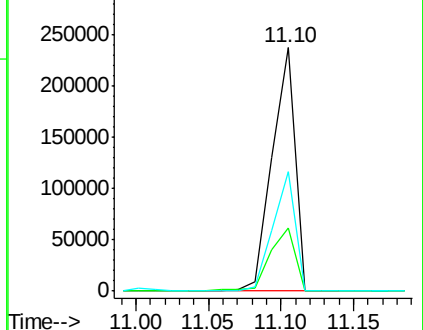
215 49.2 25.7 65.7

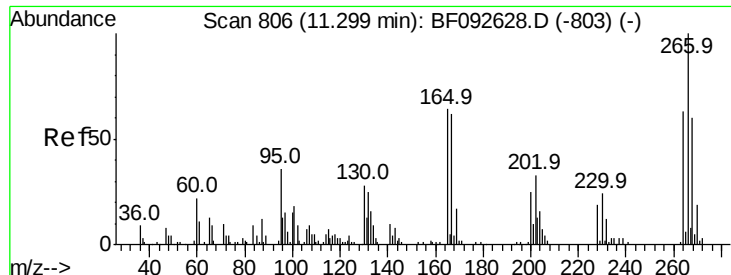


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

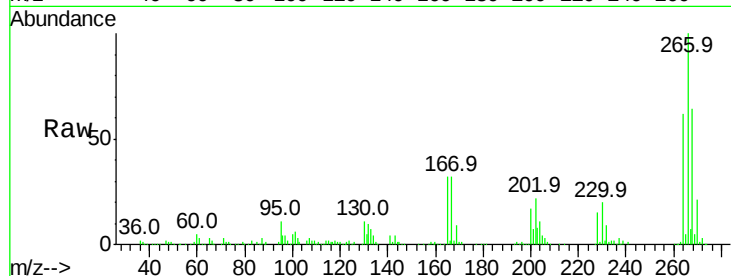




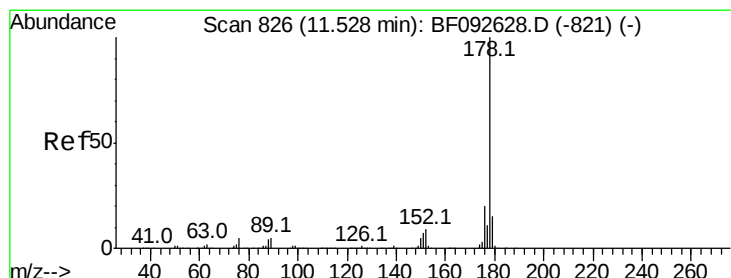
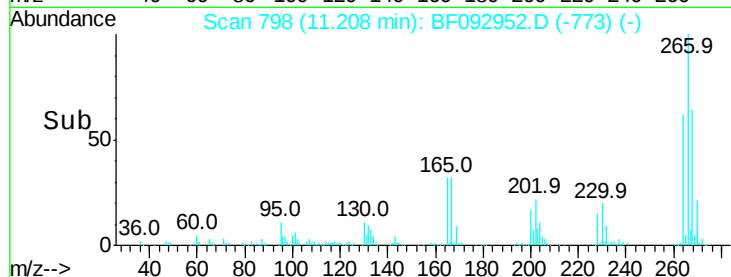
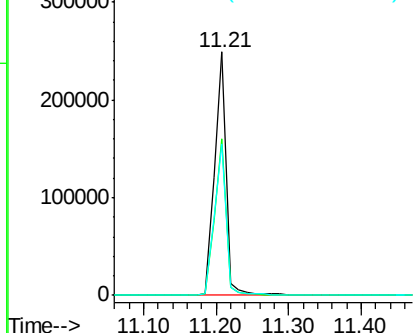
#69
 Pentachlorophenol
 Concen: 97.57 ng
 RT: 11.21 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF092952.D
 Acq: 15 Feb 2017 15:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 277150
 Ion Ratio Lower Upper
 266 100
 268 64.5 53.3 79.9
 264 62.3 50.3 75.5

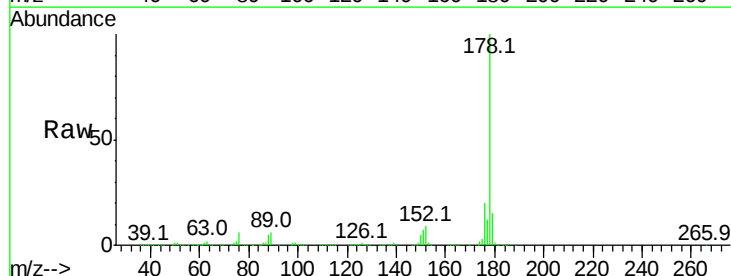


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

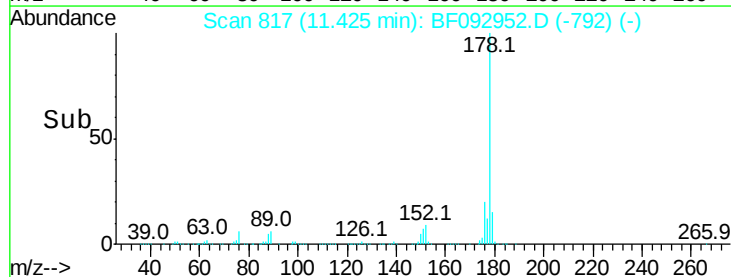
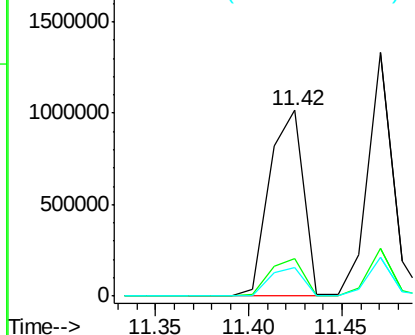


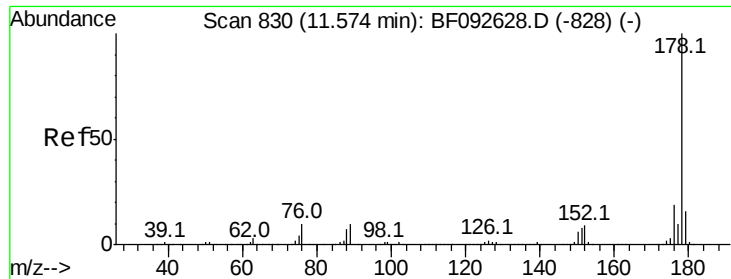
#70
 Phenanthrene
 Concen: 43.17 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF092952.D
 Acq: 15 Feb 2017 15:51

Tgt Ion:178 Resp: 1295213
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.6 25.0
 179 15.2 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

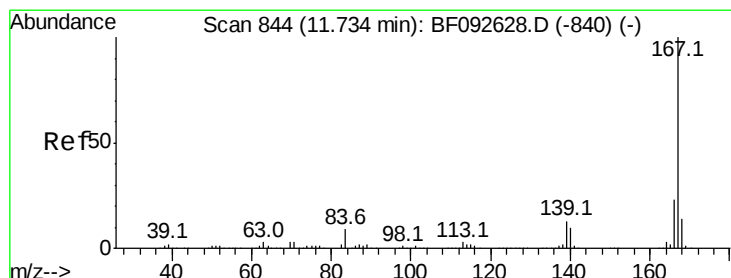
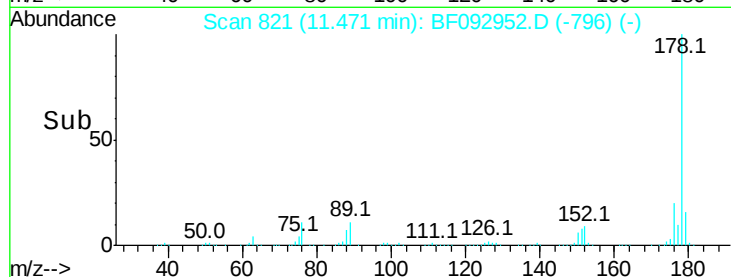
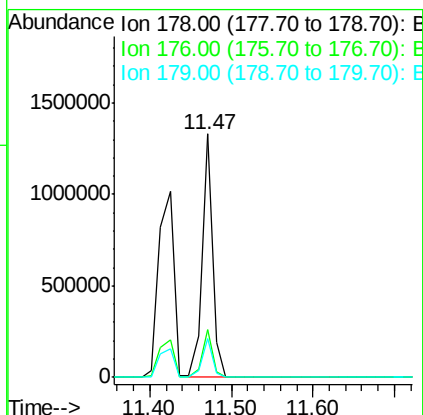
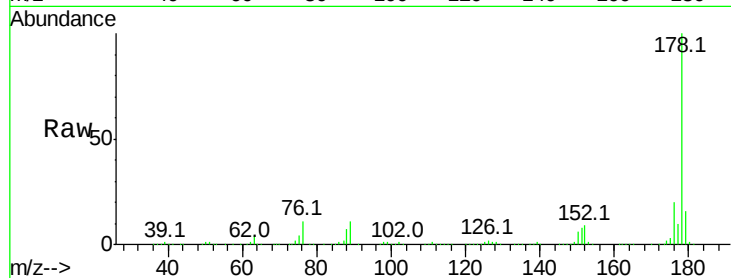




#71
 Anthracene
 Concen: 40.02 ng
 RT: 11.47 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF092952.D
 Acq: 15 Feb 2017 15:51

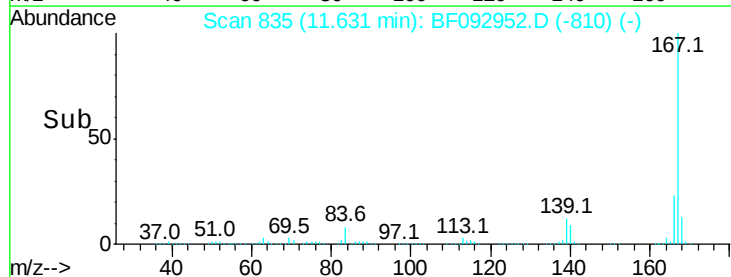
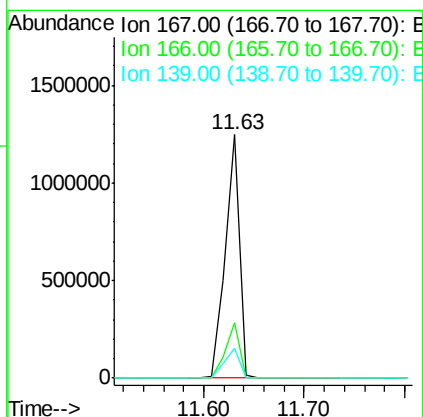
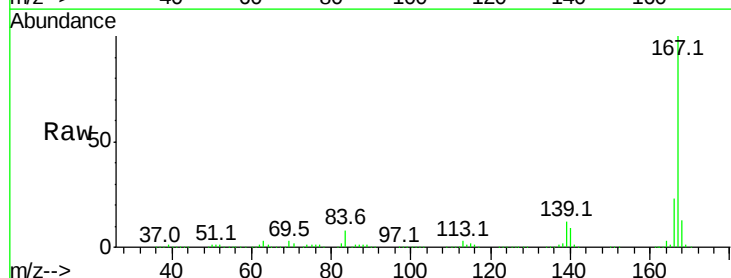
Instrument :
 BNA_F
 ClientSampleId :

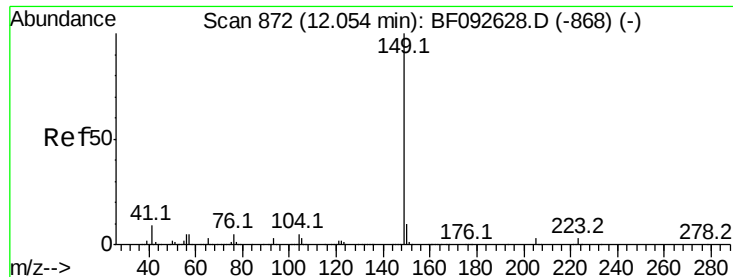
Tot Ion:178 Resp: 1205560
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.9 23.9
 179 15.9 13.2 19.8



#72
 Carbazole
 Concen: 42.63 ng
 RT: 11.63 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BF092952.D
 Acq: 15 Feb 2017 15:51

Tgt Ion:167 Resp: 1227589
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.2 27.2
 139 12.4 11.4 17.2





#73

Di-n-butylphthalate

Concen: 47.05 ng

RT: 11.95 min Scan# 863

Delta R.T. -0.02 min

Lab File: BF092952.D

Acq: 15 Feb 2017 15:51

Instrument :

BNA_F

ClientSampleId :

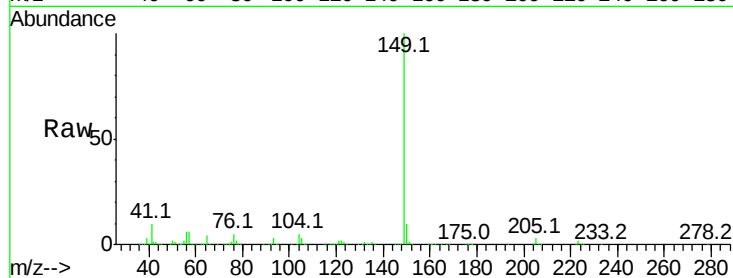
Tot Ion:149 Resp: 1465482

Ion Ratio Lower Upper

149 100

150 9.6 8.1 12.1

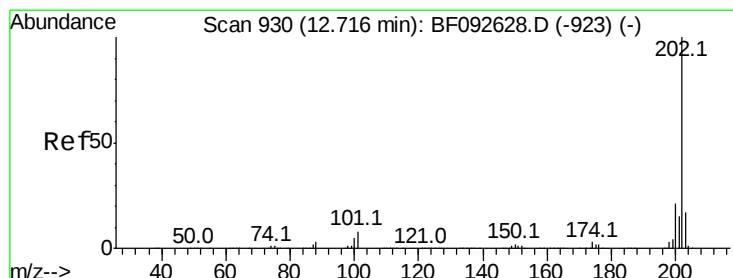
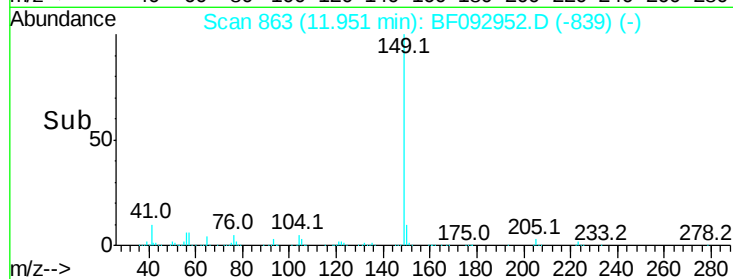
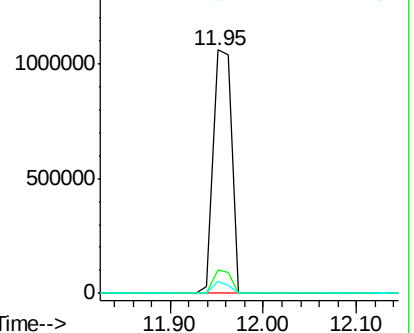
104 4.8 4.6 7.0



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: 39.06 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.02 min

Lab File: BF092952.D

Acq: 15 Feb 2017 15:51

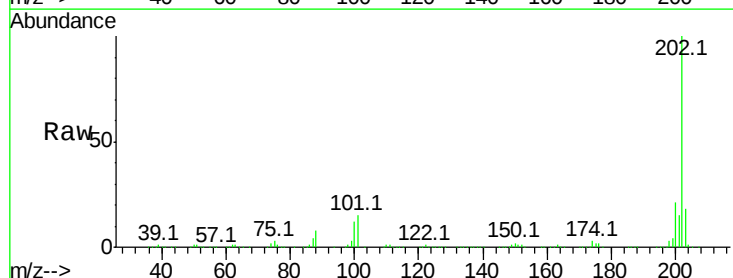
Tgt Ion:202 Resp: 1208745

Ion Ratio Lower Upper

202 100

101 15.3 0.0 34.6

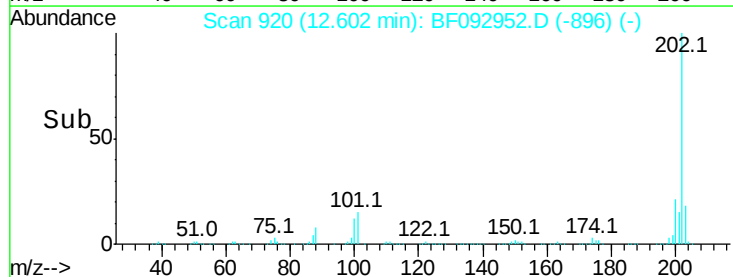
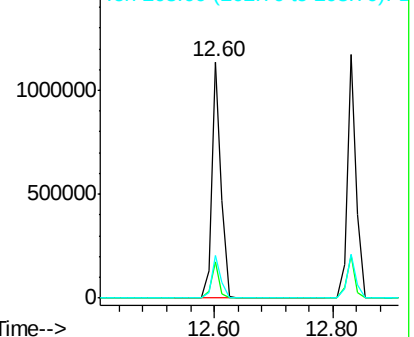
203 17.8 0.0 38.7

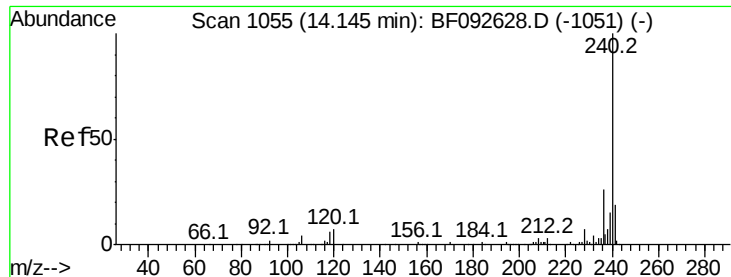


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.03 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BF092952.D

Acq: 15 Feb 2017 15:51

Instrument :

BNA_F

ClientSampleId :

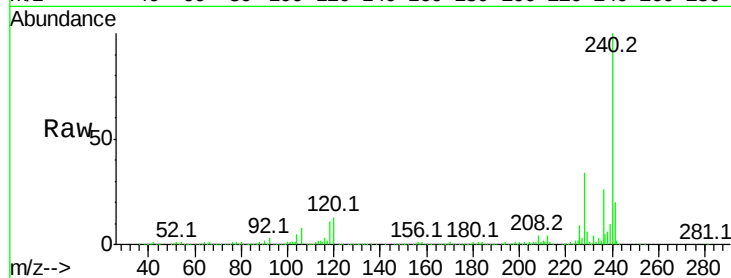
Tot Ion:240 Resp: 478309

Ion Ratio Lower Upper

240 100

120 12.8 12.9 19.3#

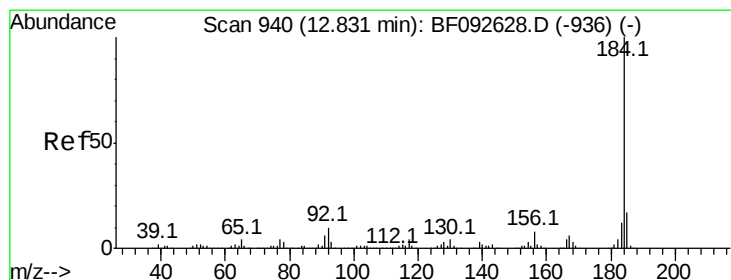
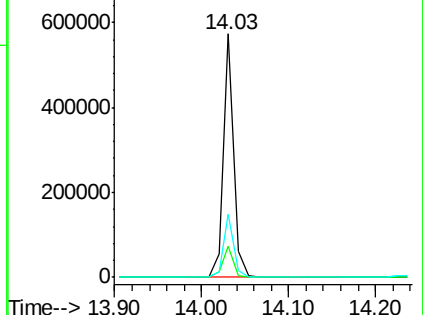
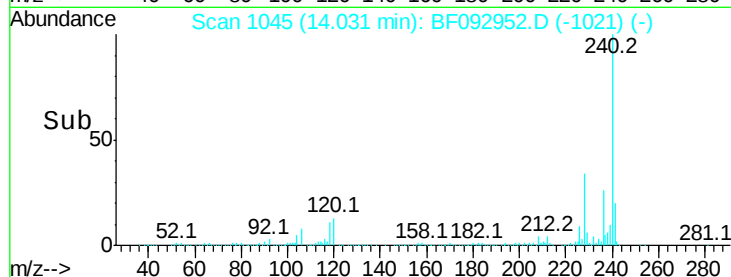
236 26.1 20.9 31.3



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: 13.20 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF092952.D

Acq: 15 Feb 2017 15:51

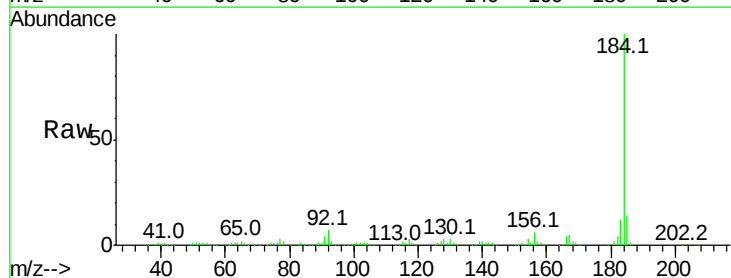
Tgt Ion:184 Resp: 268979

Ion Ratio Lower Upper

184 100

185 14.1 13.4 20.0

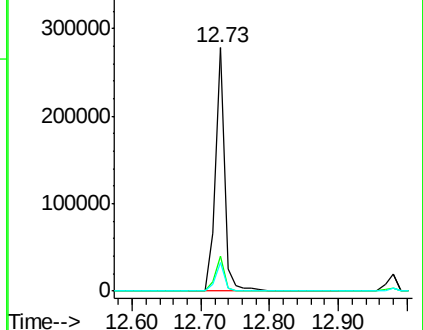
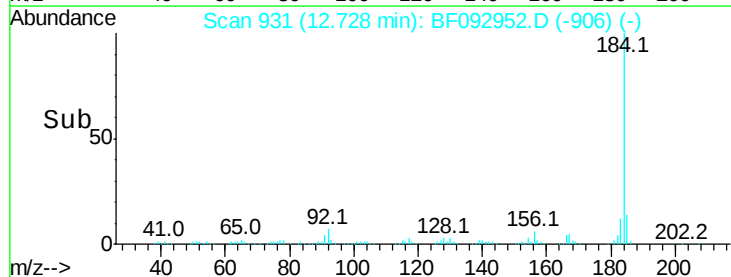
183 11.6 9.2 13.8

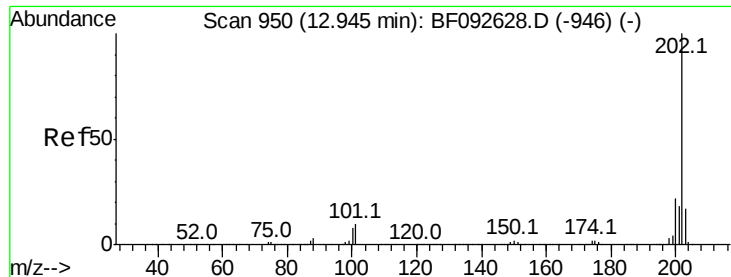


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

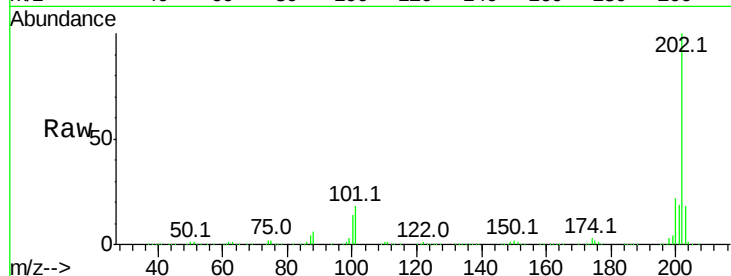




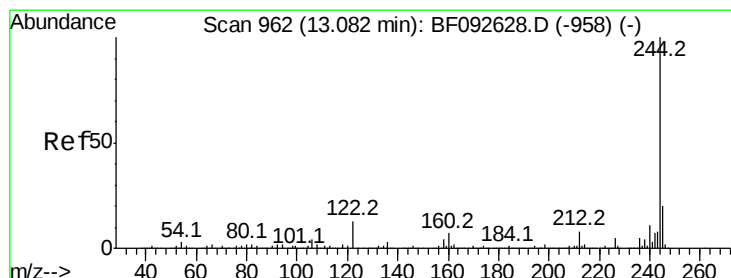
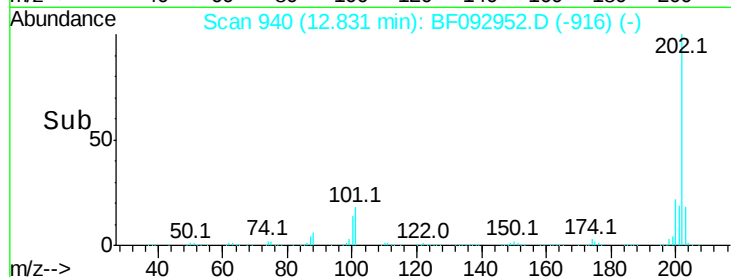
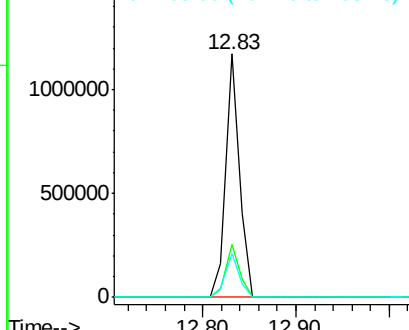
#77
Pvrene
Concen: 33.60 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.02 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1202533
Ion Ratio Lower Upper
202 100
200 21.9 17.7 26.5
203 18.2 14.7 22.1

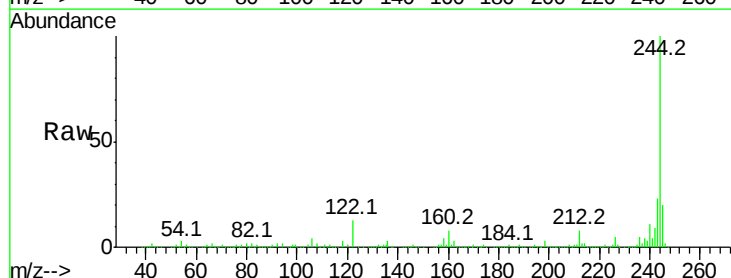


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

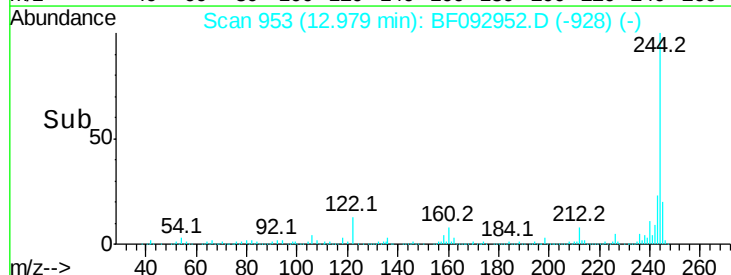
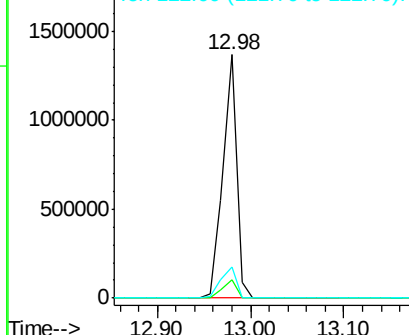


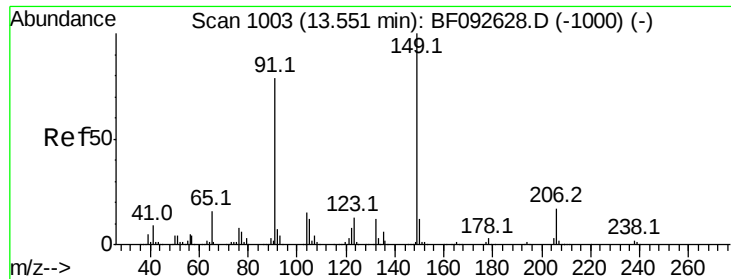
#78
Terphenyl-d14
Concen: 68.80 ng
RT: 12.98 min Scan# 953
Delta R.T. -0.01 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

Tgt Ion:244 Resp: 1400601
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 12.9 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

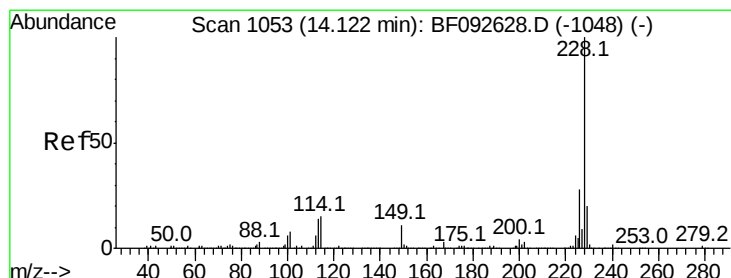
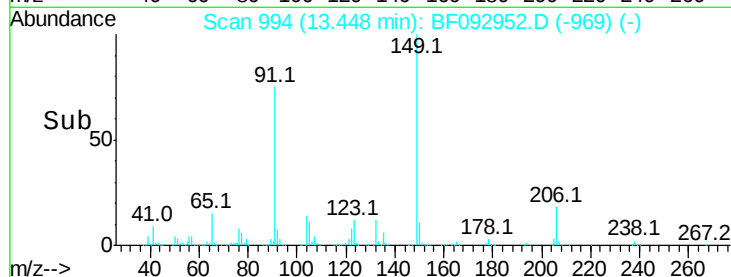
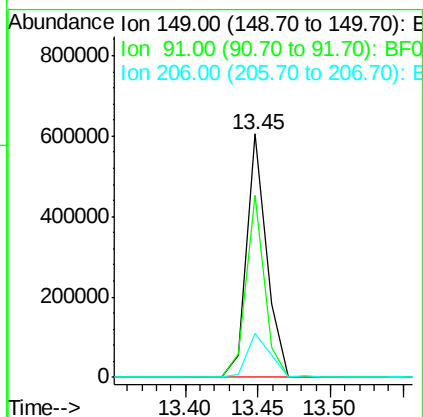
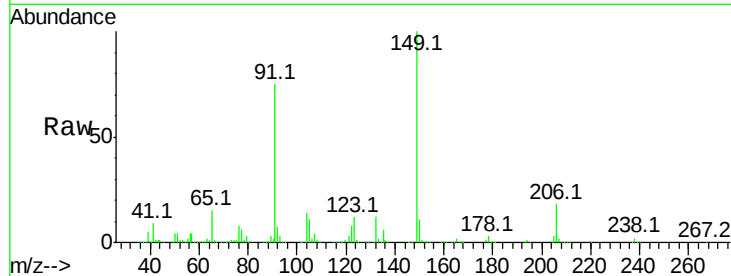




#79
Butylbenzylphthalate
Concen: 39.86 ng
RT: 13.45 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

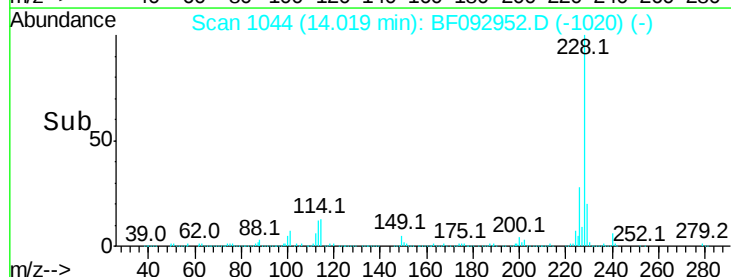
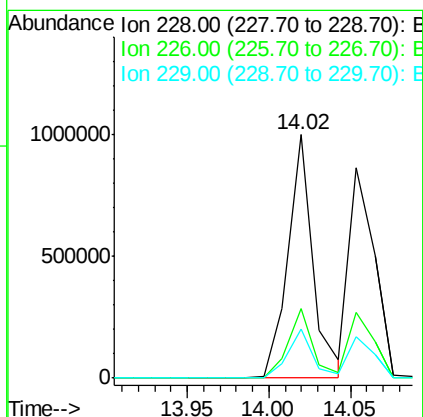
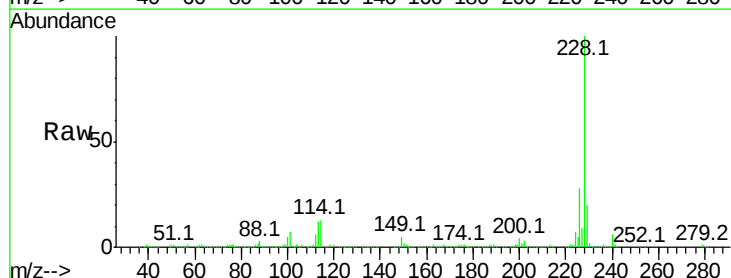
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	74.6	63.9	95.9
206	18.0	14.6	21.8



#80
Benzo(a)anthracene
Concen: 36.73 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.4	33.6
229	20.1	16.2	24.4

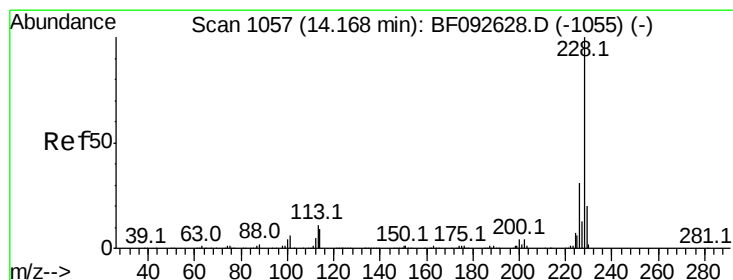
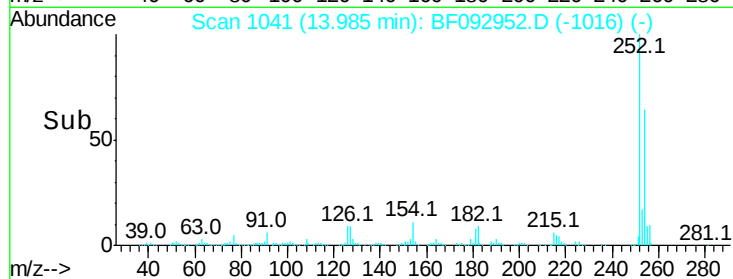
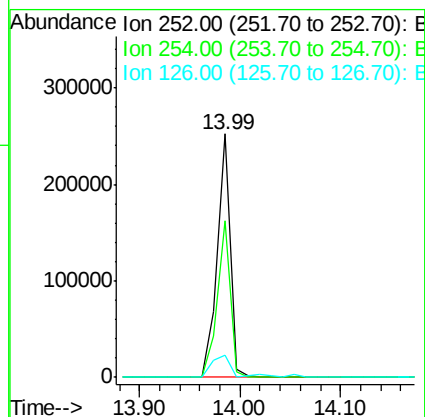
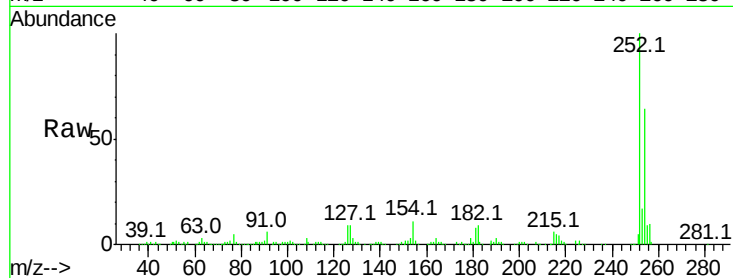




#81
 3,3'-Dichlorobenzidine
 Concen: 21.92 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF092952.D
 Acq: 15 Feb 2017 15:51

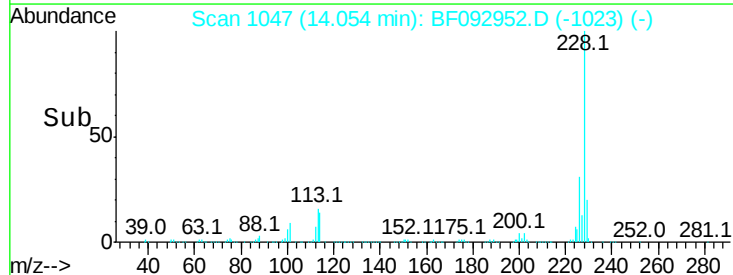
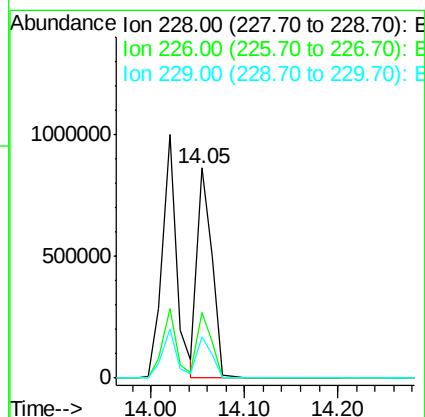
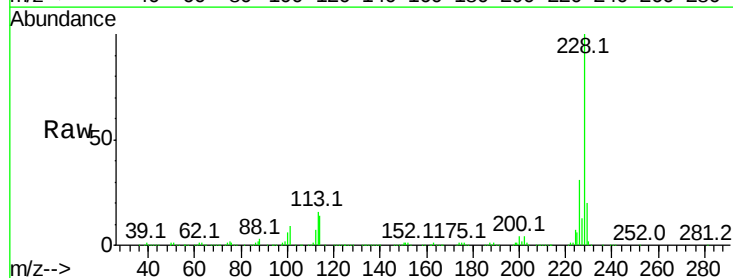
Instrument :
 BNA_F
 ClientSampleId :

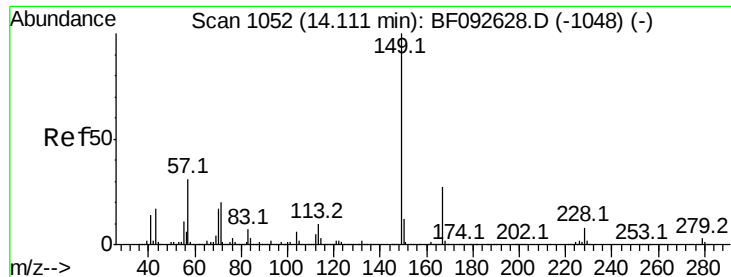
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.4	52.3	78.5
126	9.2	13.6	20.4



#82
 Chrysene
 Concen: 34.87 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.02 min
 Lab File: BF092952.D
 Acq: 15 Feb 2017 15:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.4	38.0
229	19.8	16.2	24.2

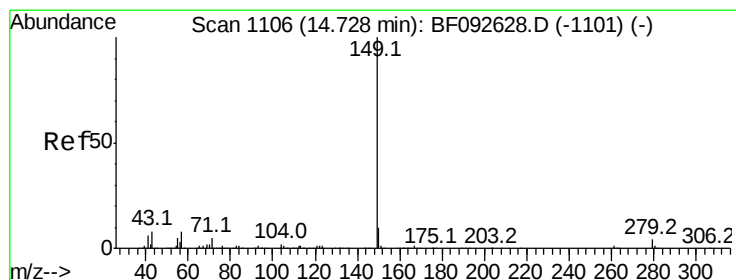
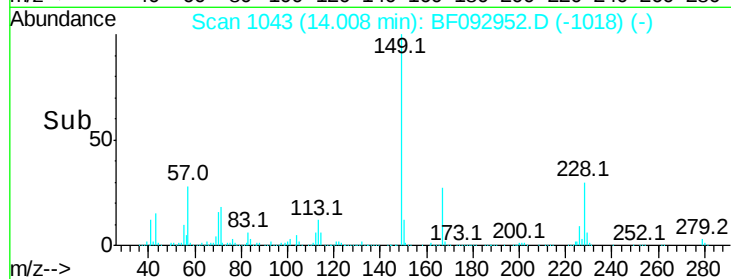
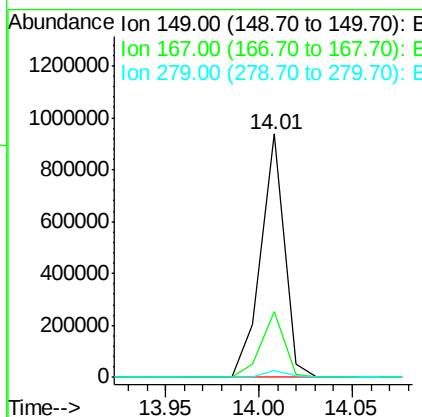
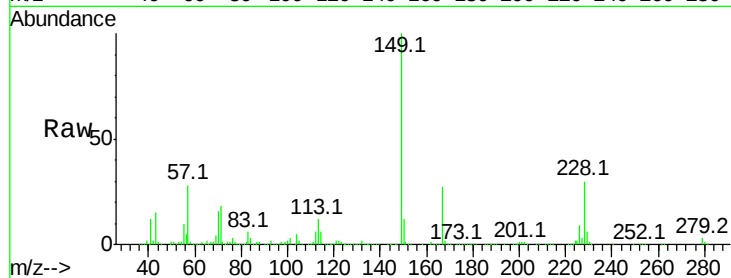




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.37 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF092952.D
 Acq: 15 Feb 2017 15:51

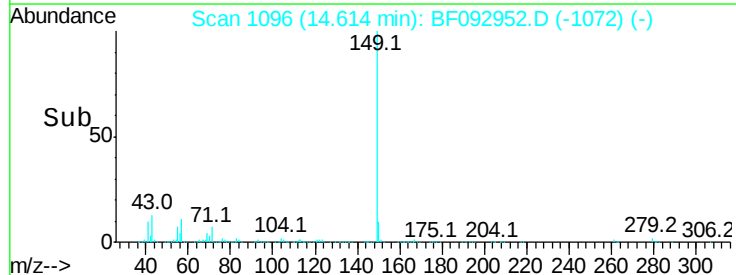
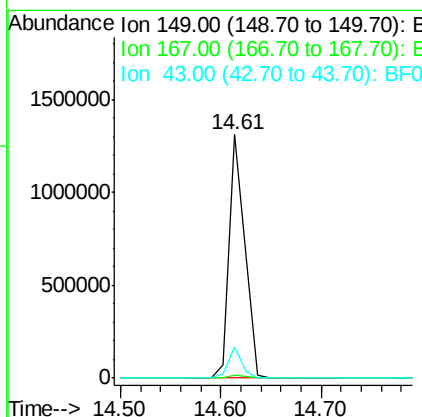
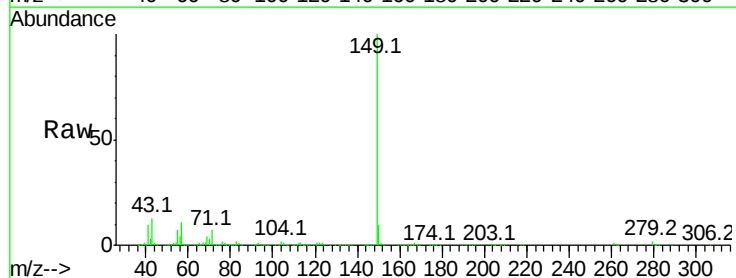
Instrument :
 BNA_F
 ClientSampleId :

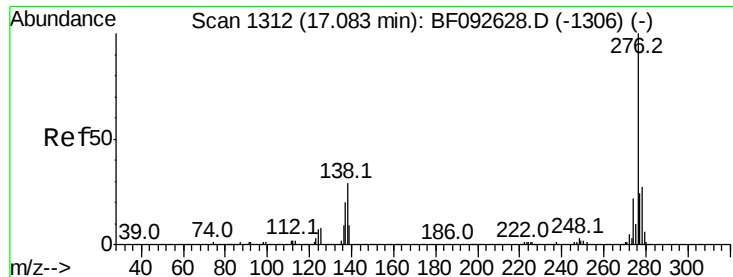
Tot Ion:149 Resp: 822317
 Ion Ratio Lower Upper
 149 100
 167 27.0 20.2 30.4
 279 3.0 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 43.88 ng
 RT: 14.61 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BF092952.D
 Acq: 15 Feb 2017 15:51

Tgt Ion:149 Resp: 1420544
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 10.8 8.9 13.3

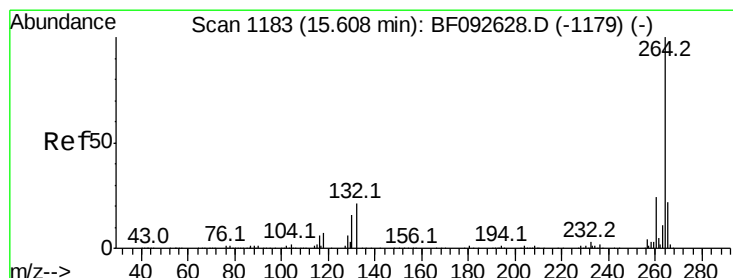
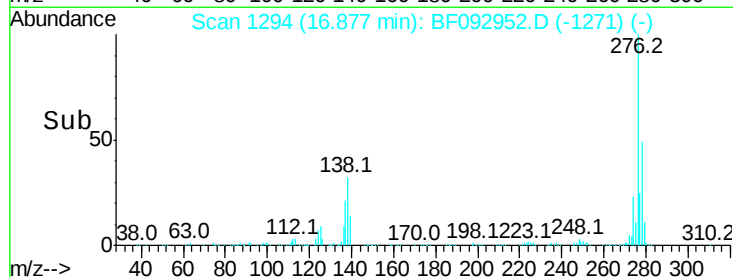
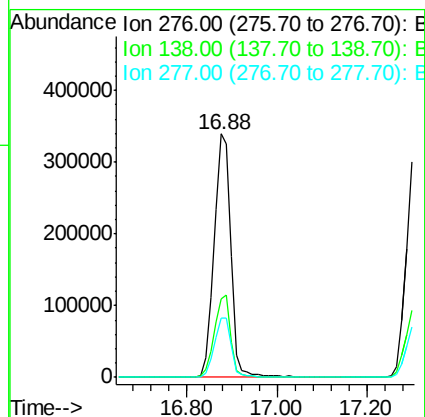
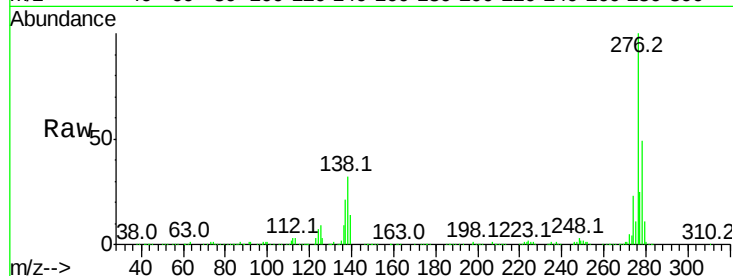




#85
Indeno(1,2,3-cd)pyrene
Concen: 41.55 ng
RT: 16.88 min Scan# 1294
Delta R.T. -0.03 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

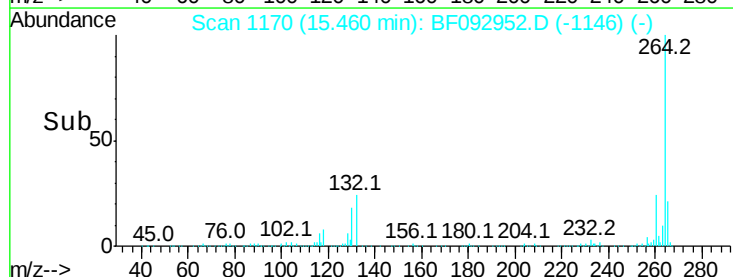
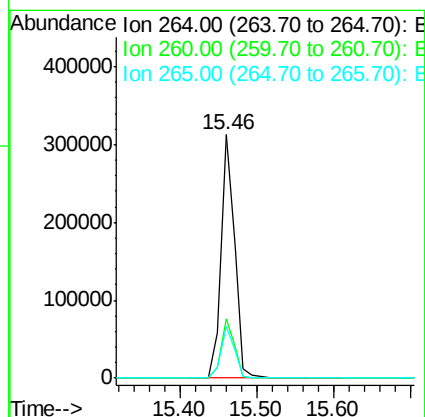
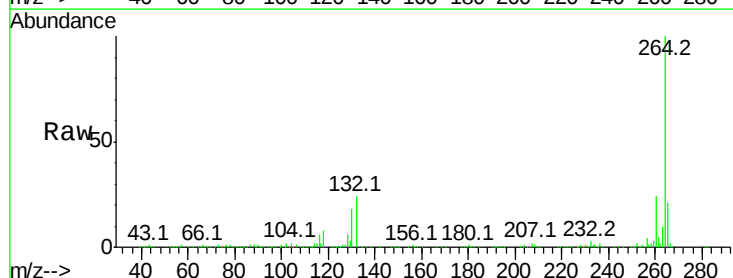
Instrument :
BNA_F
ClientSampleId :

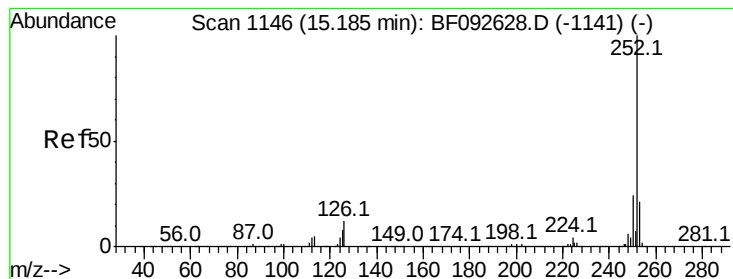
Tot Ion:276 Resp: 881580
Ion Ratio Lower Upper
276 100
138 32.8 21.8 32.6#
277 24.7 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

Tgt Ion:264 Resp: 386889
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 21.4 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 77.47 ng

RT: 15.08 min Scan# 1137

Delta R.T. 0.01 min

Lab File: BF092952.D

Acq: 15 Feb 2017 15:51

Instrument :

BNA_F

ClientSampleId :

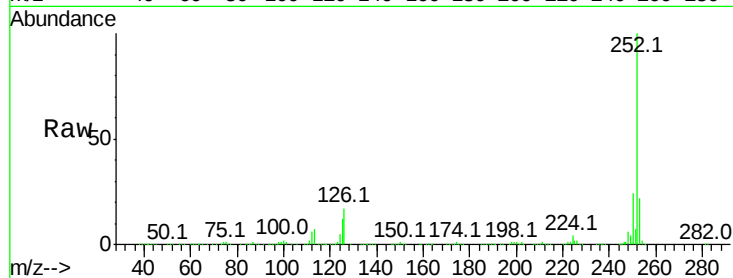
Tot Ion:252 Resp: 1972689

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.4

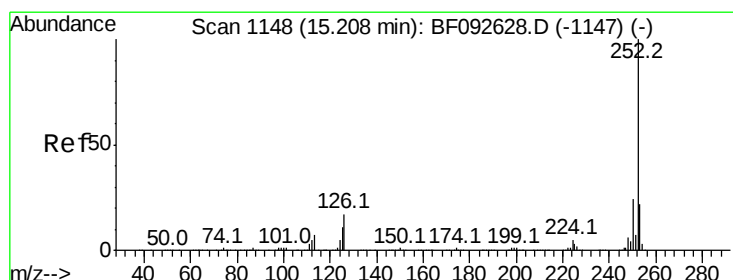
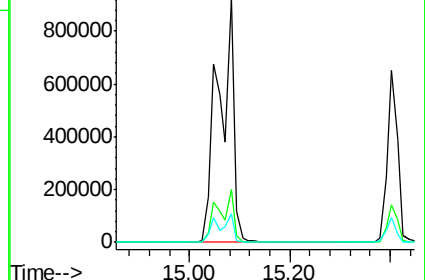
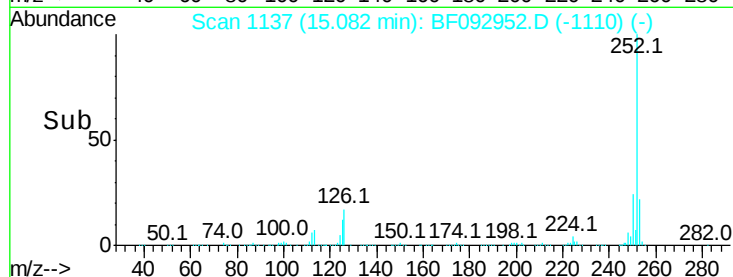
125 11.6 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 89.78 ng

RT: 15.08 min Scan# 1137

Delta R.T. -0.02 min

Lab File: BF092952.D

Acq: 15 Feb 2017 15:51

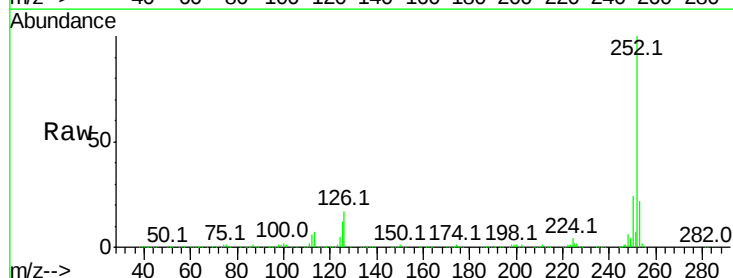
Tgt Ion:252 Resp: 1974020

Ion Ratio Lower Upper

252 100

253 21.9 18.5 27.7

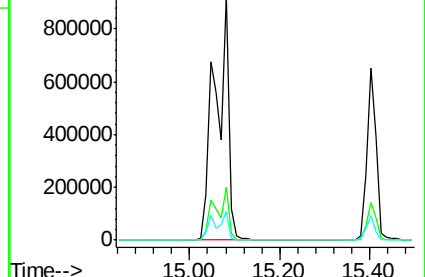
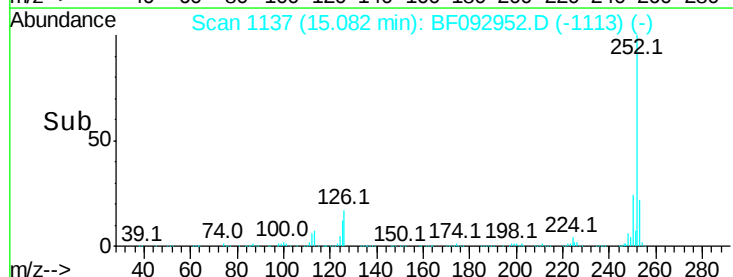
125 11.6 8.9 13.3

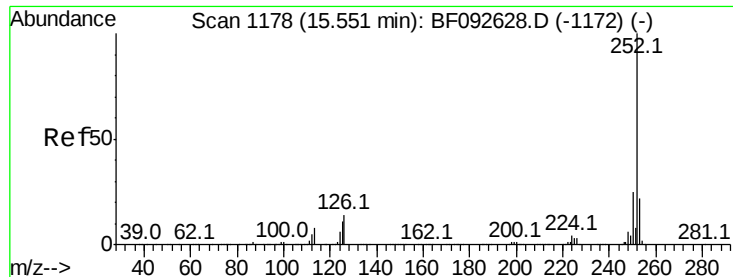


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

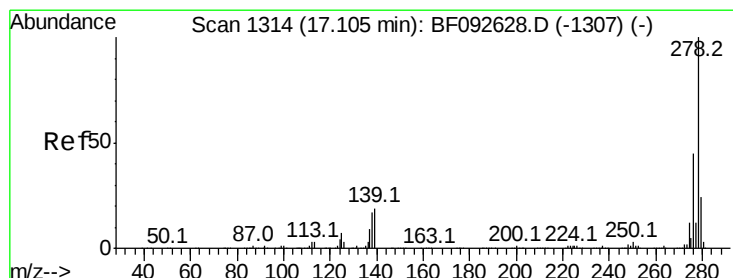
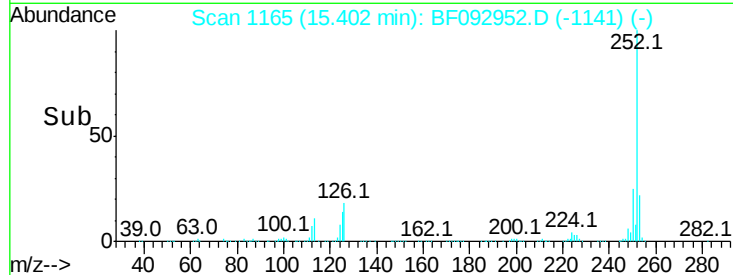
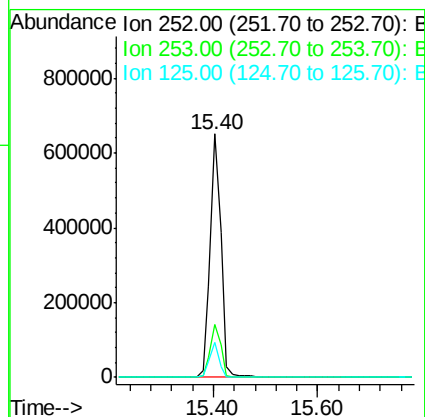
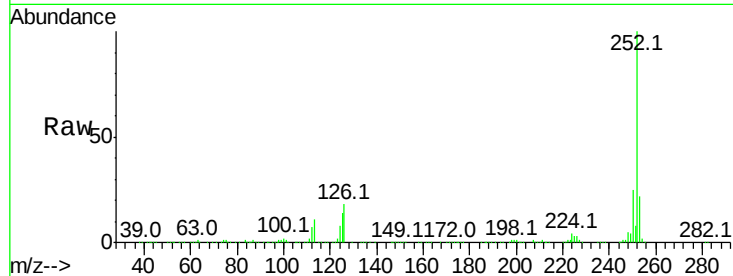




#89
Benzo(a)pyrene
Concen: 42.23 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.02 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

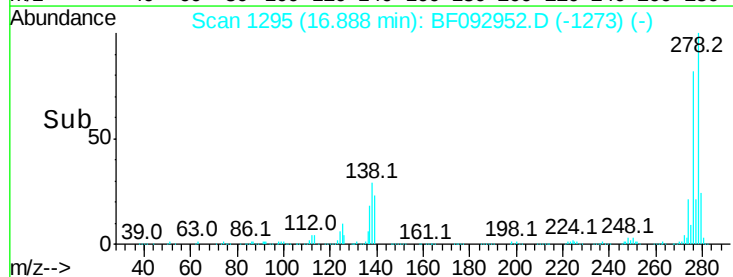
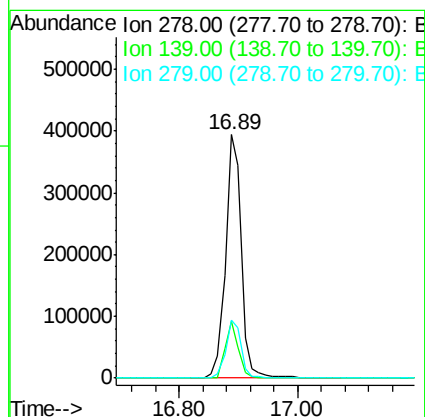
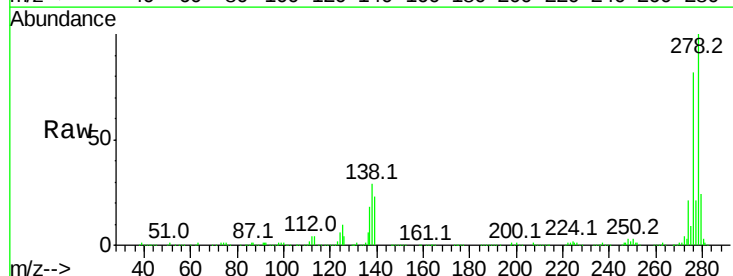
Instrument :
BNA_F
ClientSampleId :

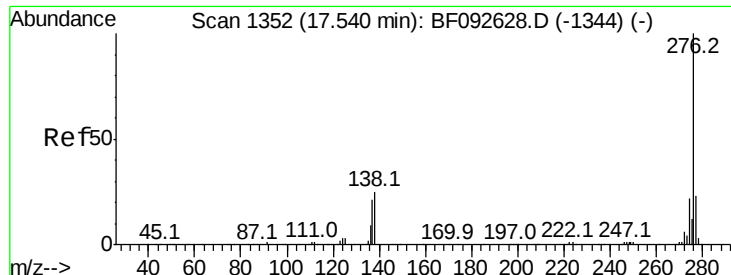
Tot Ion:252 Resp: 930265
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.2
125 14.3 10.0 15.0



#90
Dibenzo(a,h)anthracene
Concen: 41.03 ng
RT: 16.89 min Scan# 1295
Delta R.T. -0.05 min
Lab File: BF092952.D
Acq: 15 Feb 2017 15:51

Tgt Ion:278 Resp: 730507
Ion Ratio Lower Upper
278 100
139 23.5 14.8 22.2#
279 23.7 19.8 29.6





#91
 Benzo(a,h,i)perylene
 Concen: 41.51 ng
 RT: 17.31 min Scan# 1332
 Delta R.T. -0.03 min
 Lab File: BF092952.D
 Acq: 15 Feb 2017 15:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.2	28.8
138	25.6	16.0	24.0

