

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020717\
 Data File : BF092824.D
 Acq On : 7 Feb 2017 12:52
 Operator : SJ/MA
 Sample : I1695-10RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 07 15:23:39 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	141643	20.00	ng	-0.07
21) Naphthalene-d8	8.19	136	576125	20.00	ng	-0.07
38) Acenaphthene-d10	9.94	164	138949	20.00	ng	-0.07
63) Phenanthrene-d10	11.42	188	386293	20.00	ng	-0.07
75) Chrysene-d12	14.07	240	82116	20.00	ng	-0.08
86) Perylene-d12	15.52	264	4257	20.00	ng	-0.09

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	1096701	132.84	ng	-0.04
7) Phenol-d6	6.54	99	747287	70.35	ng	-0.06
23) Nitrobenzene-d5	7.47	82	951630	91.98	ng	-0.07
41) 2,4,6-Tribromophenol	10.74	330	350967	349.23	ng	-0.07
44) 2-Fluorobiphenyl	9.26	172	1532052	199.75	ng	-0.07
78) Terphenyl-d14	13.02	244	1134070	324.50	ng	-0.06

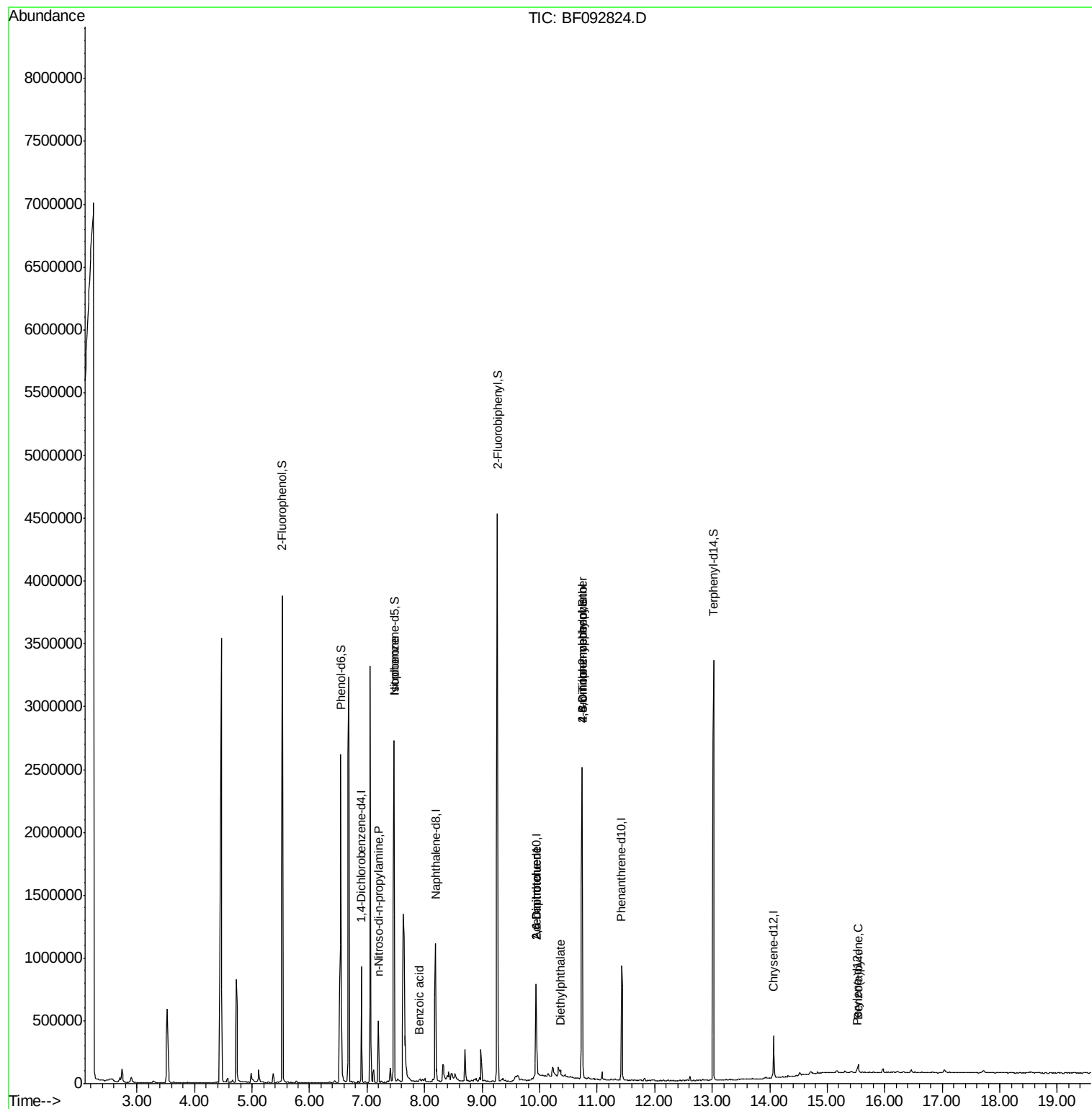
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.20	70	19657	2.91	ng	# 30
25) Isophorone	7.47	82	935866	48.54	ng	# 65
32) Benzoic acid	7.90	122	3189	7.71	ng	# 89
50) 2,6-Dinitrotoluene	9.94	165	17914	8.86	ng	# 34
56) 2,4-Dinitrotoluene	9.94	165	17911	6.66	ng	# 23
59) Diethylphthalate	10.36	149	22604	2.56	ng	# 87
64) 4,6-Dinitro-2-methylphenol	10.74	198	833	3.00	ng	# 1
66) 4-Bromophenyl-phenylether	10.74	248	26747	6.63	ng	# 1
89) Benzo(a)pyrene	15.54	252	1210	4.99	ng	# 1

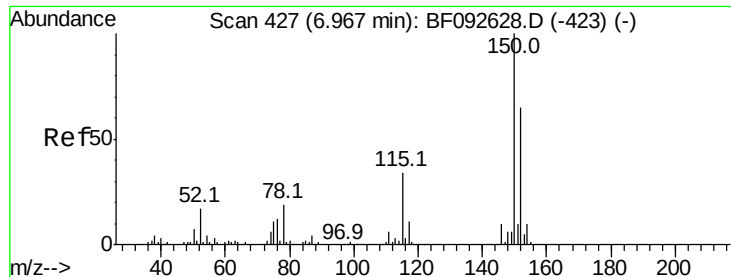
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020717\
Data File : BF092824.D
Acq On : 7 Feb 2017 12:52
Operator : SJ/MA
Sample : I1695-10RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 07 15:23:39 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration



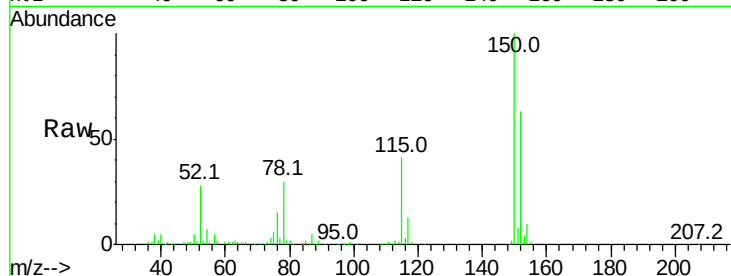


#1

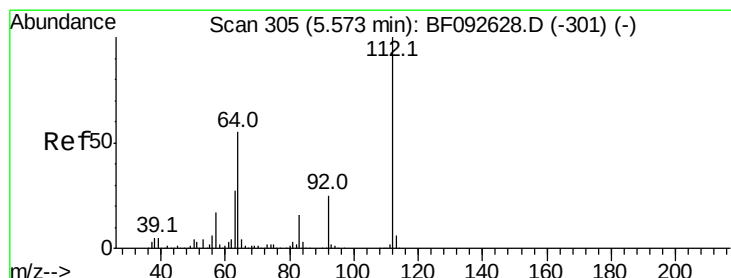
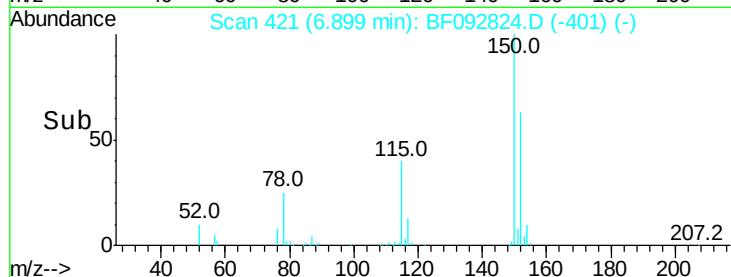
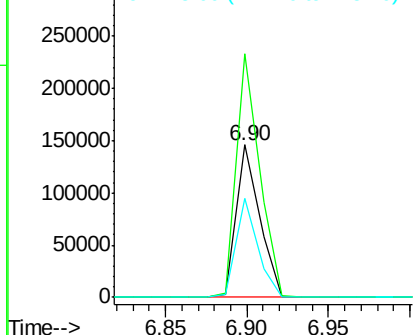
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.07 min
Lab File: BF092824.D
Acq: 7 Feb 2017 12:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 141643
Ion Ratio Lower Upper
152 100
150 159.9 124.9 187.3
115 65.0 46.0 69.0



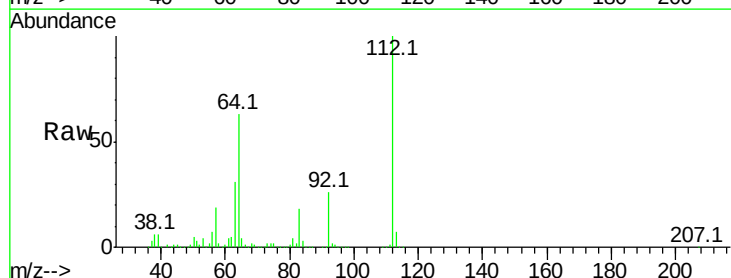
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



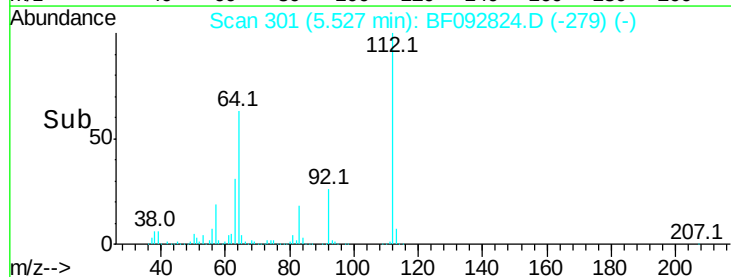
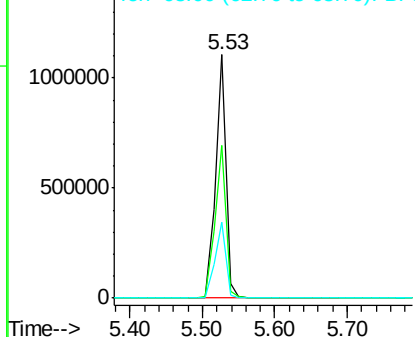
#5

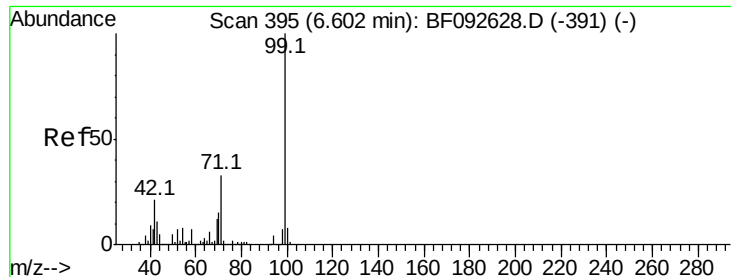
2-Fluorophenol
Concen: 132.84 ng
RT: 5.53 min Scan# 301
Delta R.T. -0.04 min
Lab File: BF092824.D
Acq: 7 Feb 2017 12:52

Tgt Ion:112 Resp: 1096701
Ion Ratio Lower Upper
112 100
64 62.6 46.1 69.1
63 31.4 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





#7

Phenol-d6

Concen: 70.35 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.06 min

Lab File: BF092824.D

Acq: 7 Feb 2017 12:52

Instrument :

BNA_F

ClientSampled :

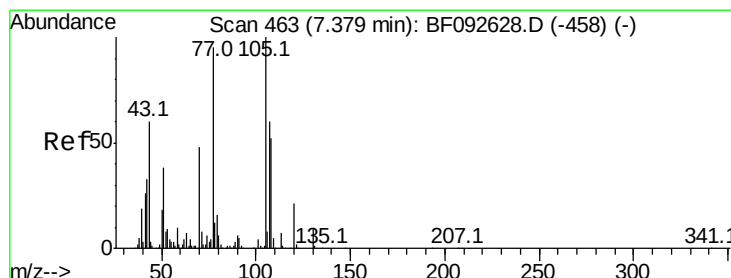
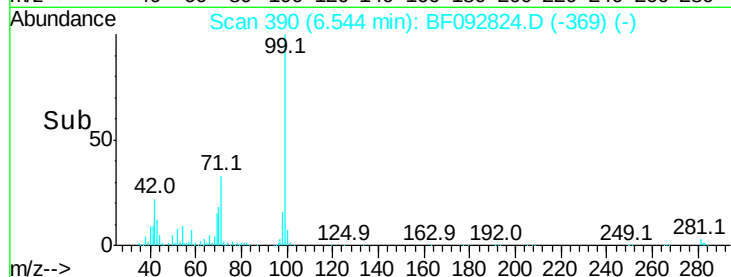
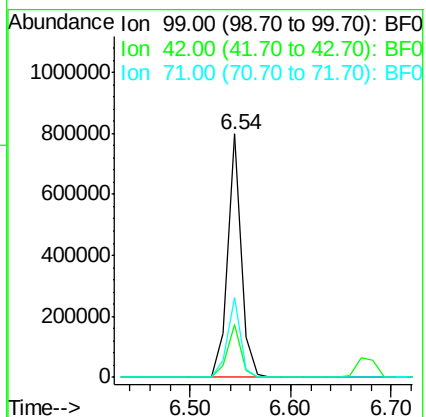
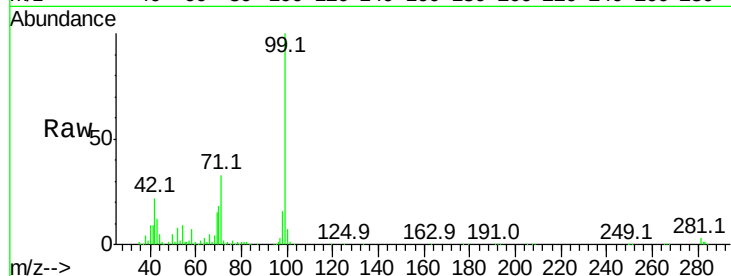
Tot Ion: 99 Resp: 747287

Ion Ratio Lower Upper

99 100

42 21.8 15.6 23.4

71 32.9 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 2.91 ng

RT: 7.20 min Scan# 447

Delta R.T. -0.18 min

Lab File: BF092824.D

Acq: 7 Feb 2017 12:52

Tgt Ion: 70 Resp: 19657

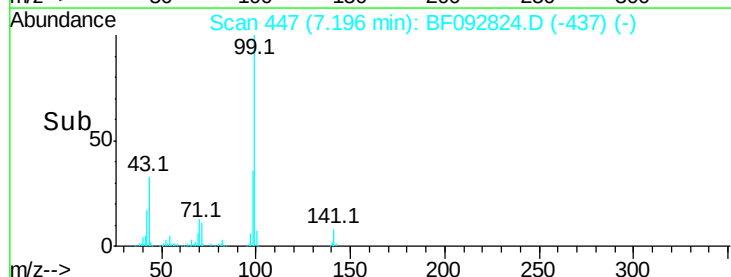
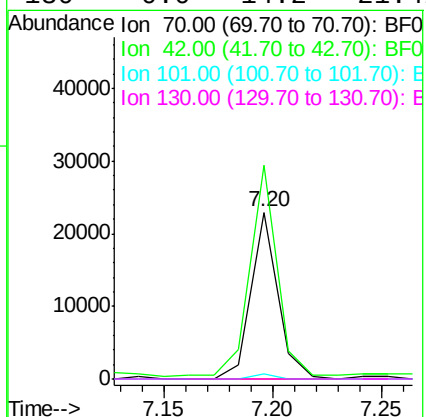
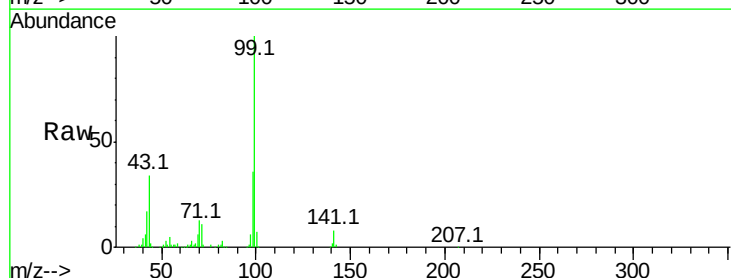
Ion Ratio Lower Upper

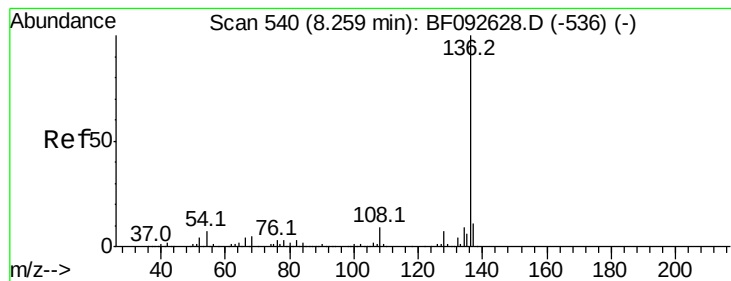
70 100

42 128.2 49.4 74.0#

101 3.2 7.4 11.2#

130 0.0 14.2 21.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

Delta R.T. -0.07 min

Lab File: BF092824.D

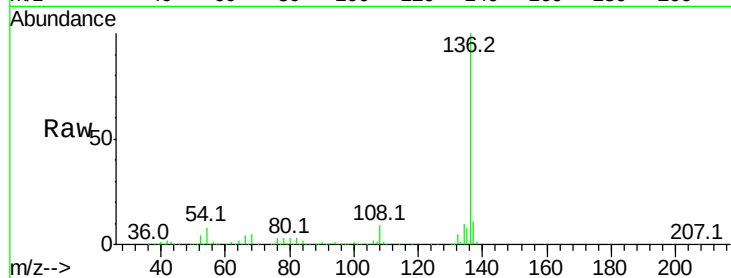
Acq: 7 Feb 2017 12:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	576125
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.4 12.6
54	7.6	4.5 6.7#
68	5.4	3.6 5.4#

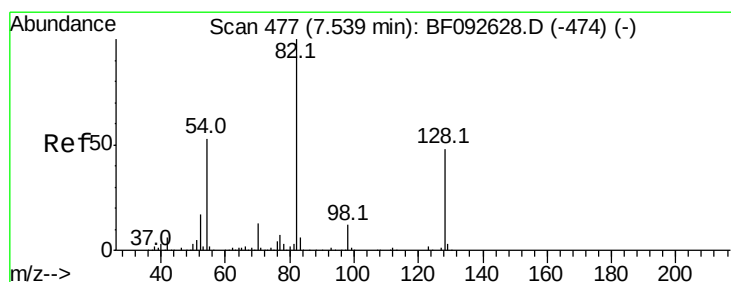
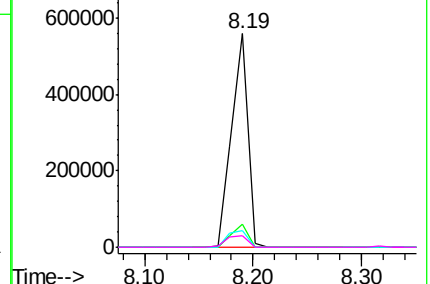
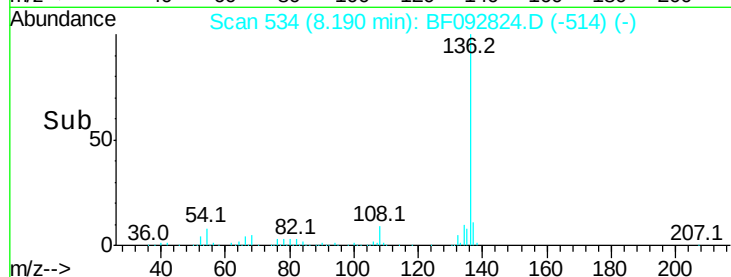


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 91.98 ng

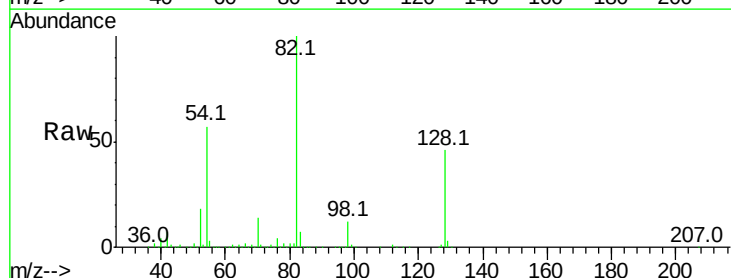
RT: 7.47 min Scan# 471

Delta R.T. -0.07 min

Lab File: BF092824.D

Acq: 7 Feb 2017 12:52

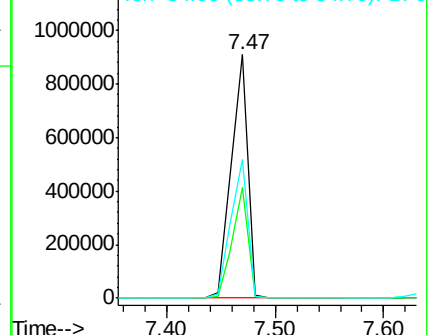
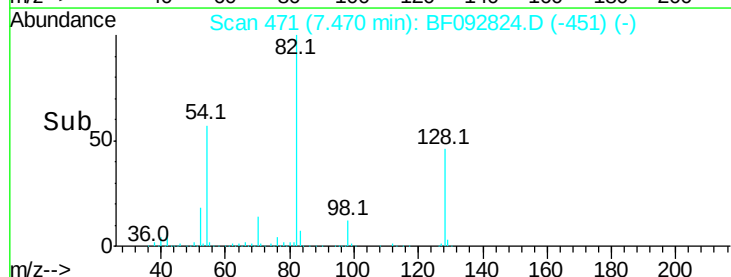
Tgt Ion: 82	Resp:	951630
Ion Ratio	Lower	Upper
82	100	
128	45.6	34.6 52.0
54	56.8	39.5 59.3

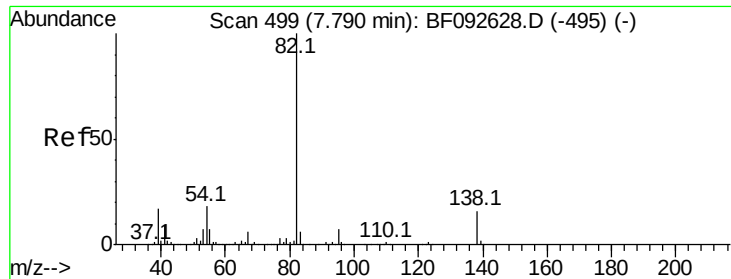


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 48.54 ng

RT: 7.47 min Scan# 471

Delta R.T. -0.32 min

Lab File: BF092824.D

Acq: 7 Feb 2017 12:52

Instrument :

BNA_F

ClientSampleId :

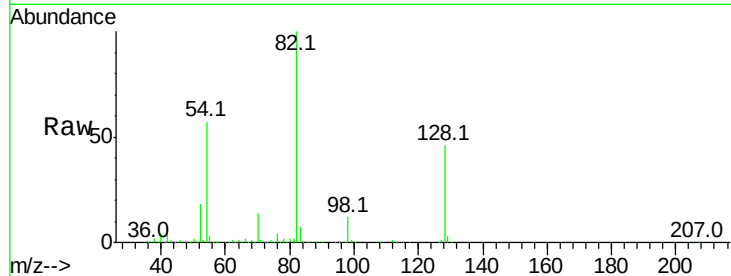
Tot Ion: 82 Resp: 935866

Ion Ratio Lower Upper

82 100

95 0.2 5.6 8.4#

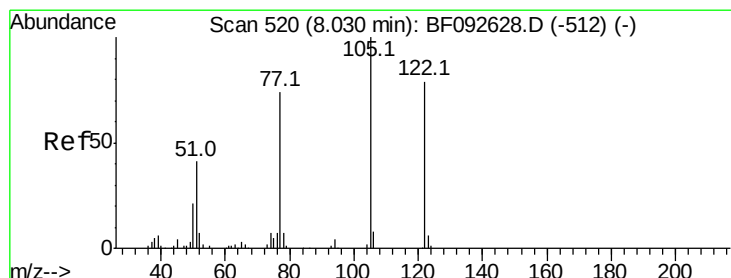
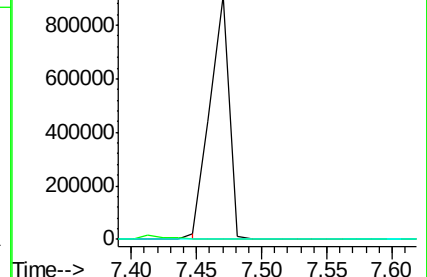
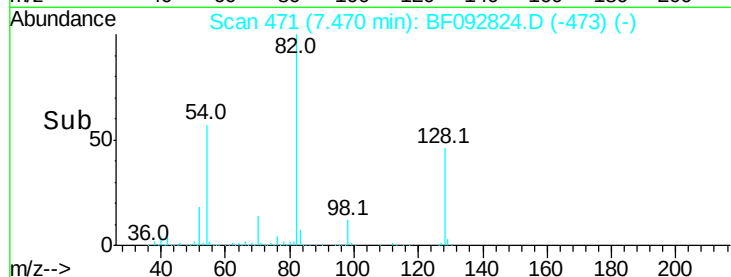
138 0.0 14.6 22.0#



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



#32

Benzoic acid

Concen: 7.71 ng

RT: 7.90 min Scan# 509

Delta R.T. -0.13 min

Lab File: BF092824.D

Acq: 7 Feb 2017 12:52

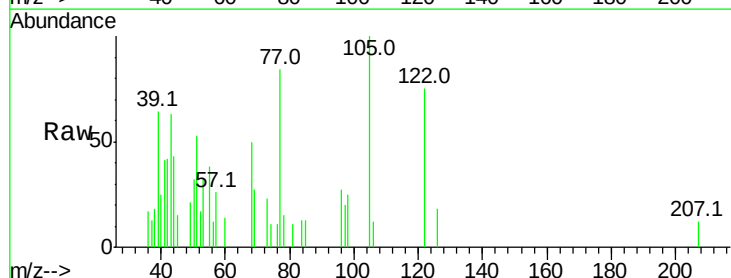
Tgt Ion:122 Resp: 3189

Ion Ratio Lower Upper

122 100

105 133.8 107.2 147.2

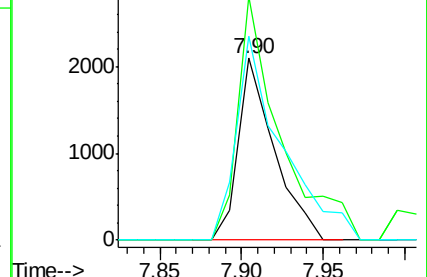
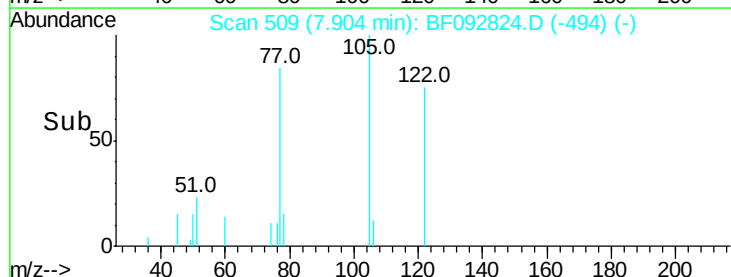
77 111.9 74.5 114.5

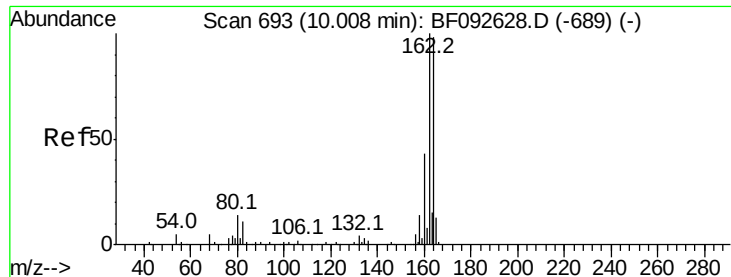


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.07 min

Lab File: BF092824.D

Acq: 7 Feb 2017 12:52

Instrument :
BNA_F
ClientSampleId :

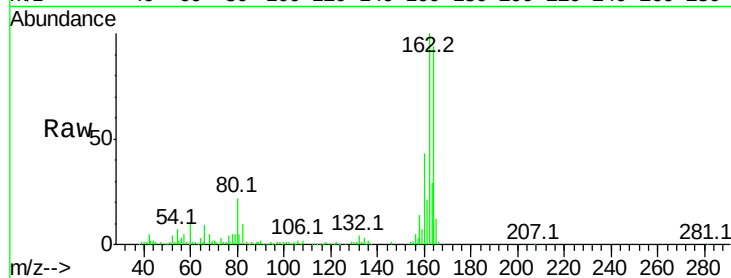
Tot Ion:164 Resp: 138949

Ion Ratio Lower Upper

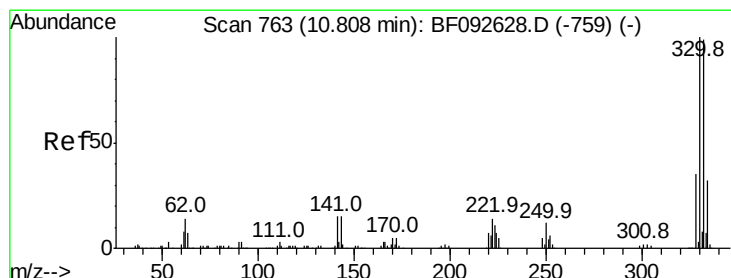
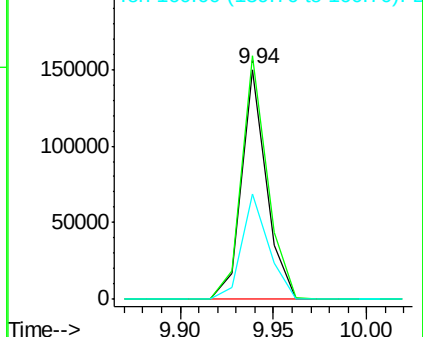
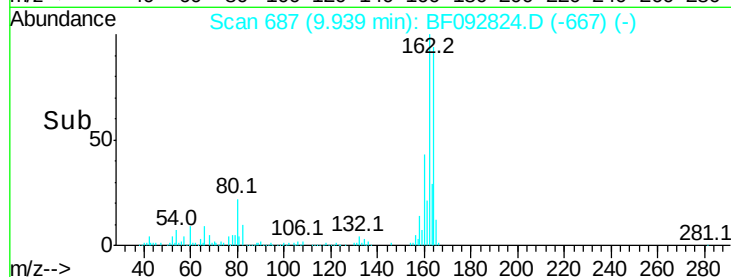
164 100

162 106.0 80.2 120.2

160 45.8 36.9 55.3



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



#41

2,4,6-Tribromophenol

Concen: 349.23 ng

RT: 10.74 min Scan# 757

Delta R.T. -0.07 min

Lab File: BF092824.D

Acq: 7 Feb 2017 12:52

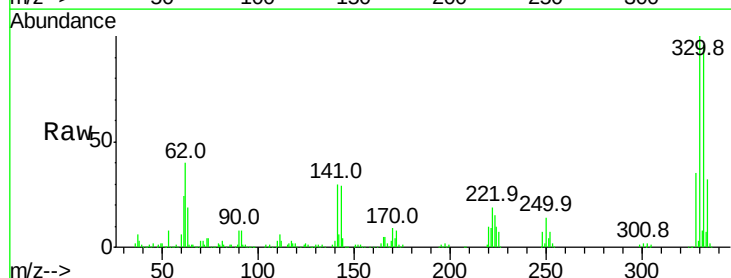
Tgt Ion:330 Resp: 350967

Ion Ratio Lower Upper

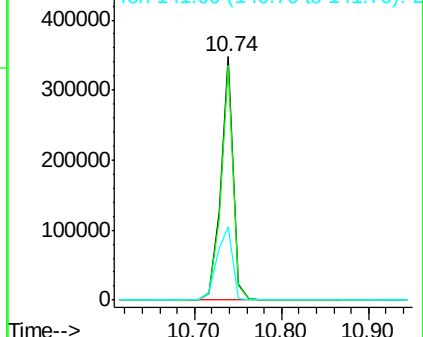
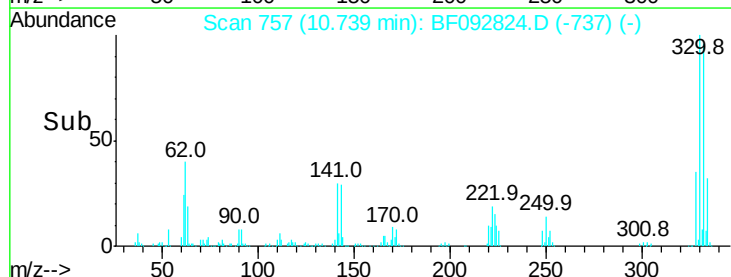
330 100

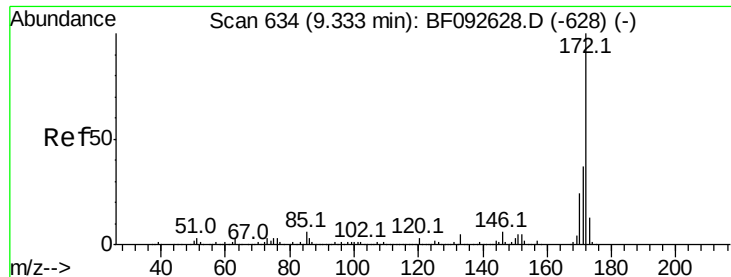
332 95.3 77.4 116.2

141 37.8 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

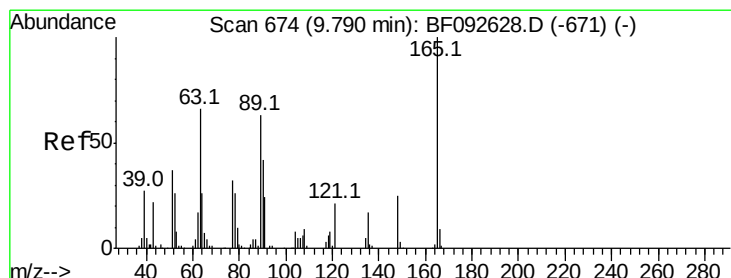
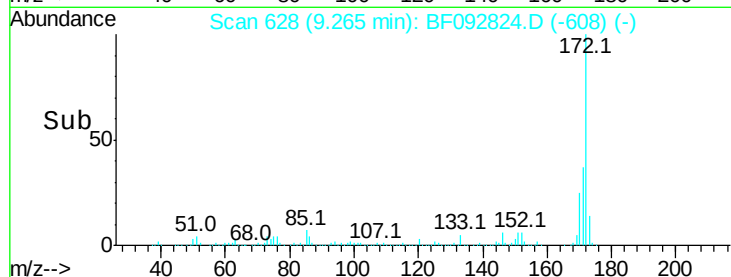
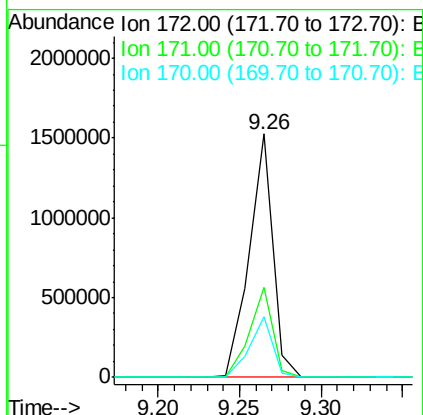
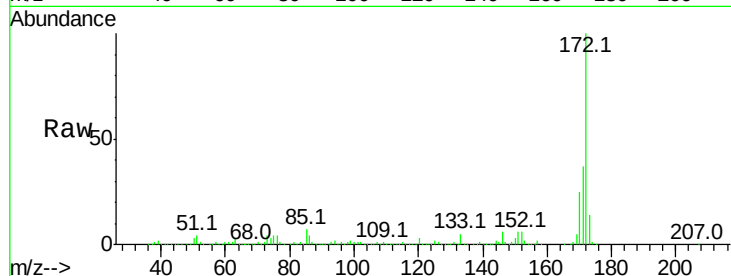




#44
 2-Fluorobiphenyl
 Concen: 199.75 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.07 min
 Lab File: BF092824.D
 Acq: 7 Feb 2017 12:52

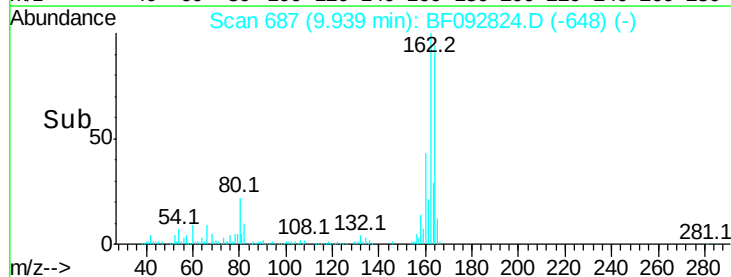
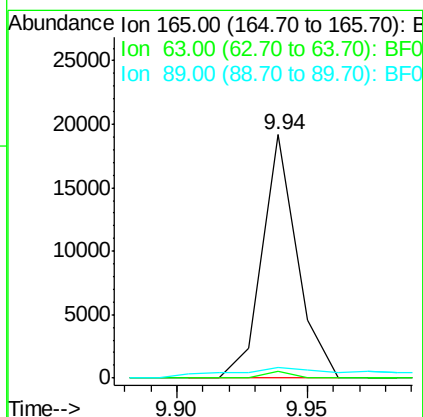
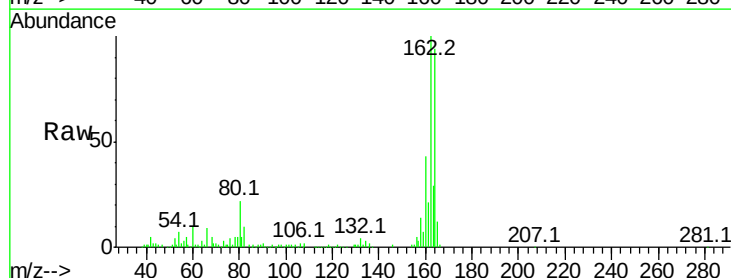
Instrument :
 BNA_F
 ClientSampleId :

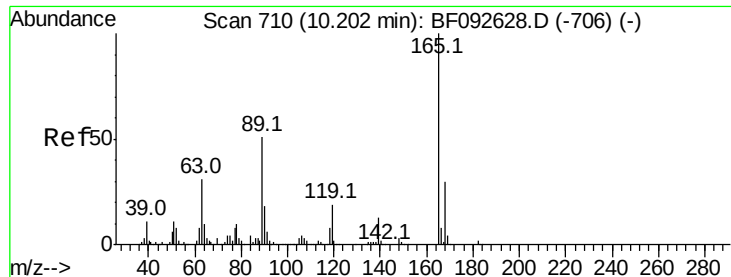
Tot Ion:172 Resp: 1532052
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 24.7 20.2 30.4



#50
 2,6-Dinitrotoluene
 Concen: 8.86 ng
 RT: 9.94 min Scan# 687
 Delta R.T. 0.15 min
 Lab File: BF092824.D
 Acq: 7 Feb 2017 12:52

Tgt Ion:165 Resp: 17914
 Ion Ratio Lower Upper
 165 100
 63 2.5 36.2 54.4#
 89 4.4 40.2 60.4#

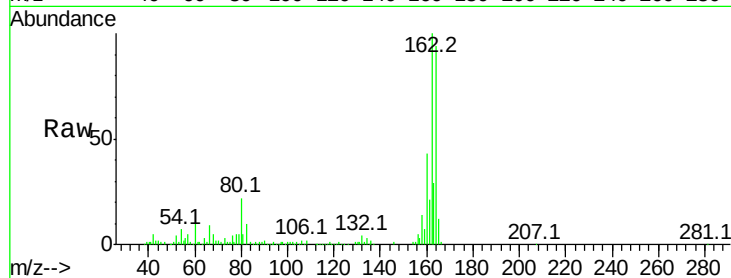




#56
2,4-Dinitrotoluene
Concen: 6.66 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.26 min
Lab File: BF092824.D
Acq: 7 Feb 2017 12:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.5	40.2	60.4#
89	4.4	62.5	93.7#
182	0.0	1.8	2.8#

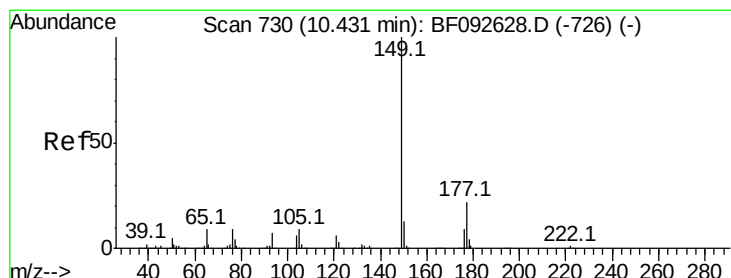
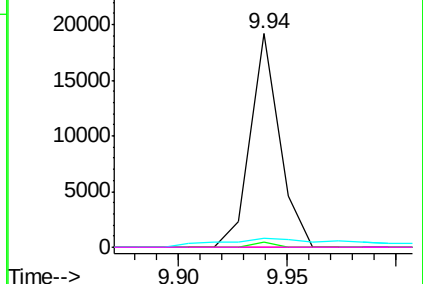
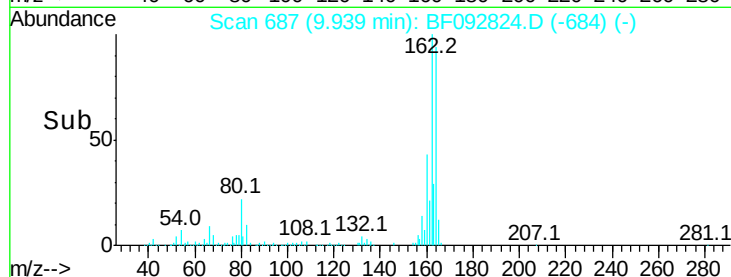


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

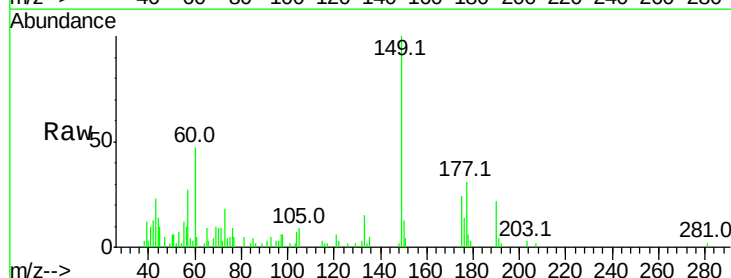
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#59
Diethylphthalate
Concen: 2.56 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.07 min
Lab File: BF092824.D
Acq: 7 Feb 2017 12:52

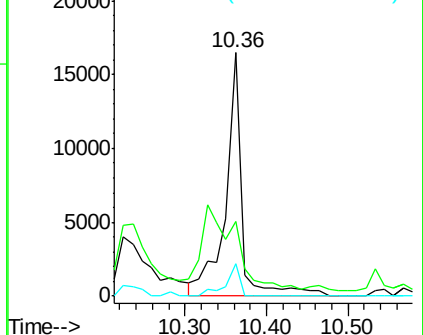
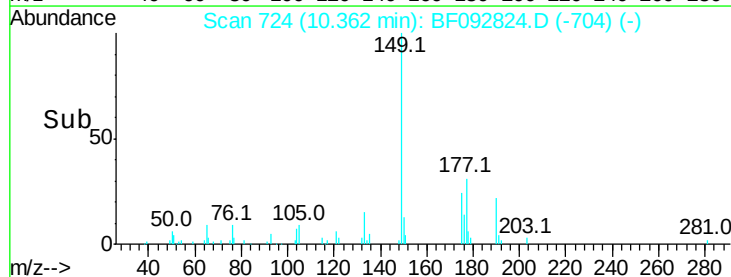
Tgt Ion	Ratio	Lower	Upper
149	100		
177	30.6	16.6	25.0#
150	13.1	10.4	15.6

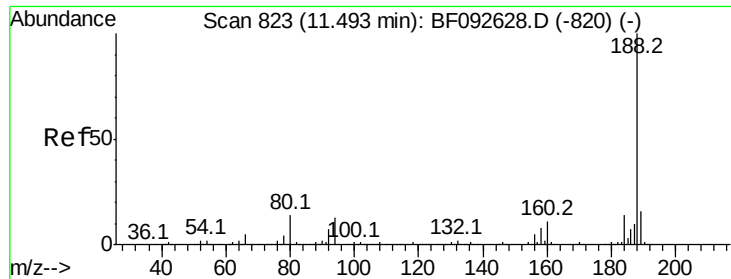


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 817

Delta R.T. -0.07 min

Lab File: BF092824.D

Acq: 7 Feb 2017 12:52

Instrument :

BNA_F

ClientSampleId :

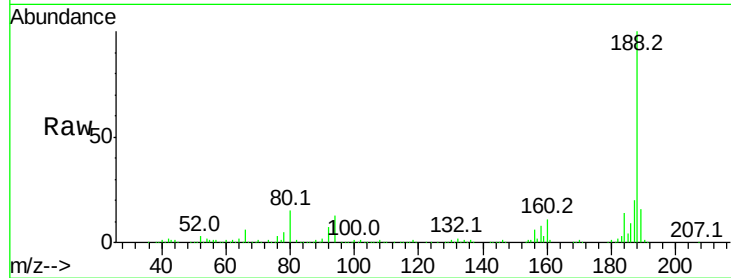
Tot Ion:188 Resp: 386293

Ion	Ratio	Lower	Upper
188	100		
94	13.4	10.0	15.0
80	15.1	11.2	16.8

188 100

94 13.4 10.0 15.0

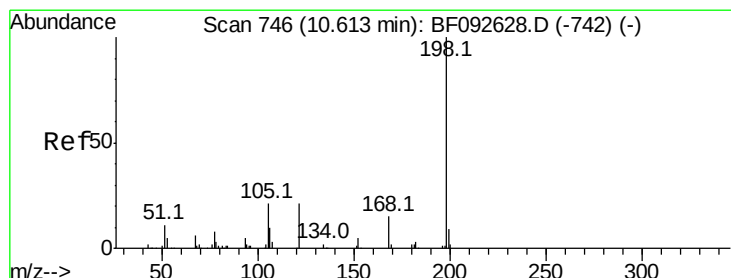
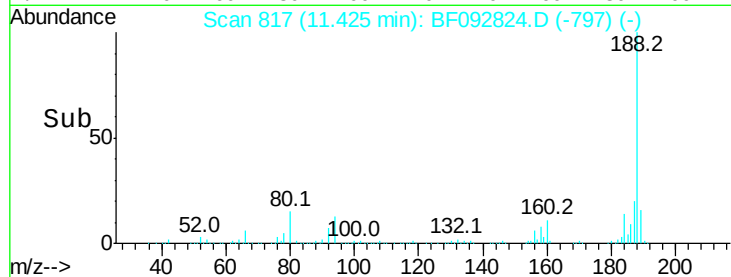
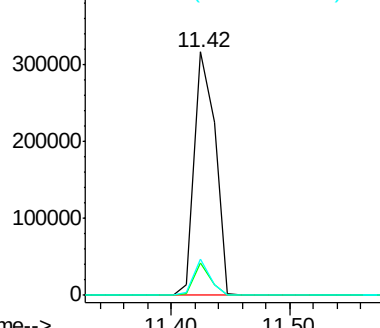
80 15.1 11.2 16.8



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: 3.00 ng

RT: 10.74 min Scan# 757

Delta R.T. 0.13 min

Lab File: BF092824.D

Acq: 7 Feb 2017 12:52

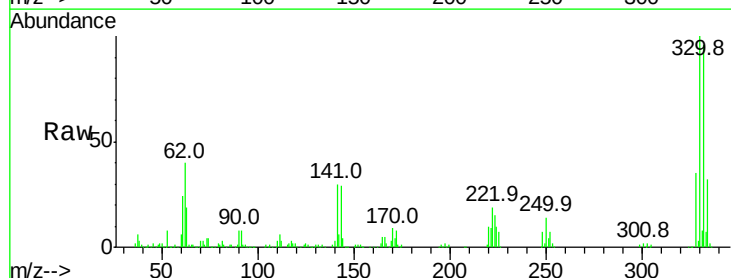
Tgt Ion:198 Resp: 833

Ion	Ratio	Lower	Upper
198	100		
51	188.8	6.7	46.7#
105	151.5	16.6	56.6#

198 100

51 188.8 6.7 46.7#

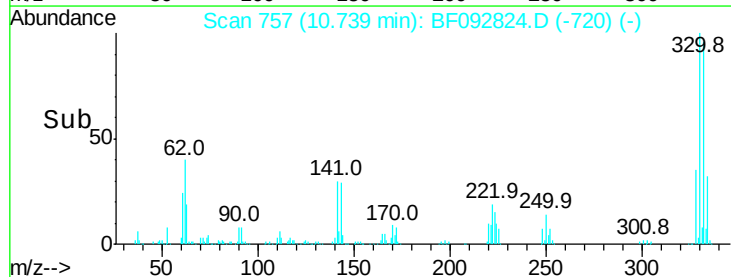
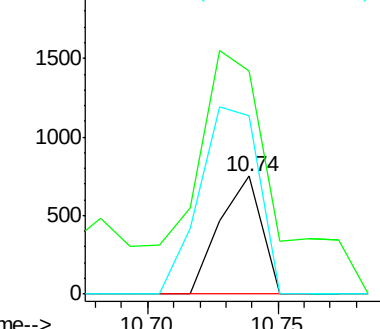
105 151.5 16.6 56.6#

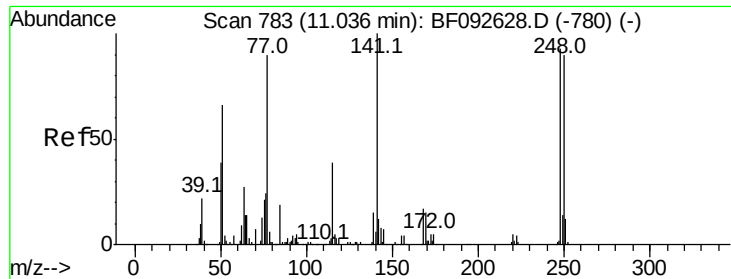


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

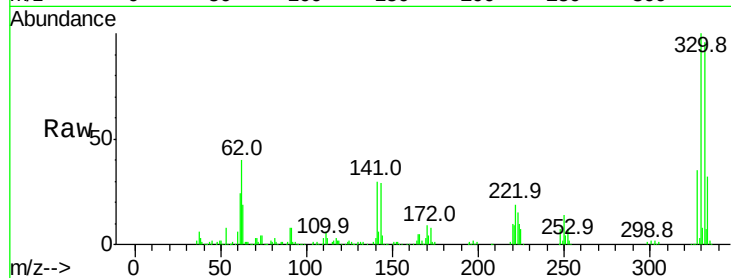




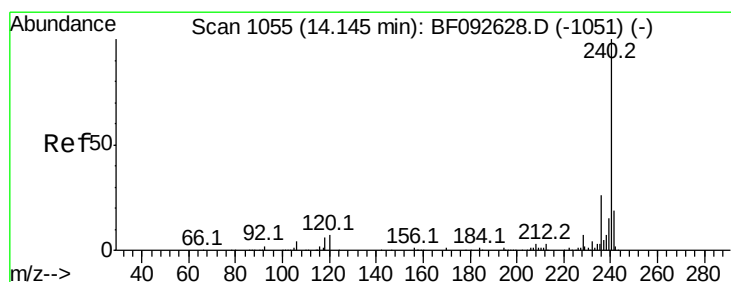
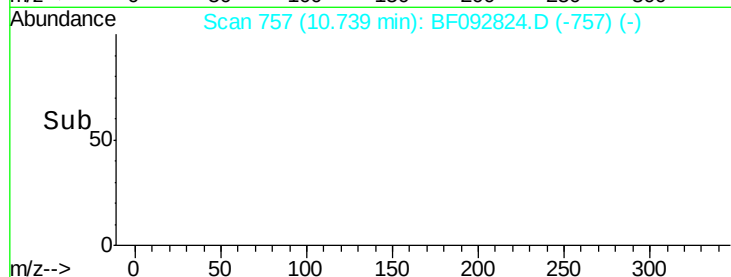
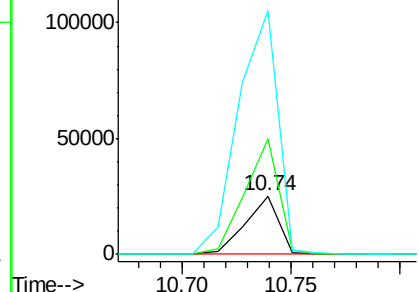
#66
4-Bromophenyl-phenylether
Concen: 6.63 ng
RT: 10.74 min Scan# 757
Delta R.T. -0.30 min
Lab File: BF092824.D
Acq: 7 Feb 2017 12:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 26747
Ion Ratio Lower Upper
248 100
250 197.6 76.9 115.3#
141 415.3 68.2 102.4#

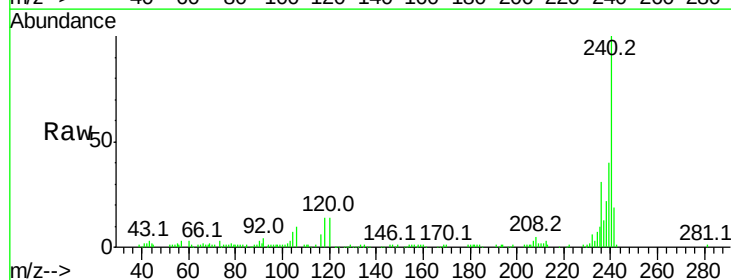


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

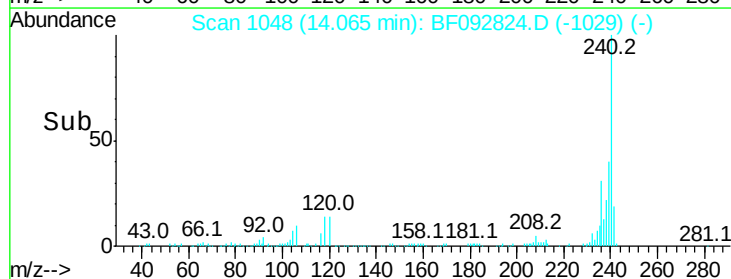
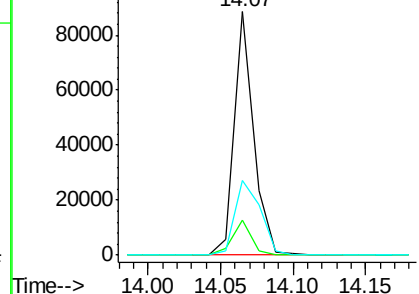


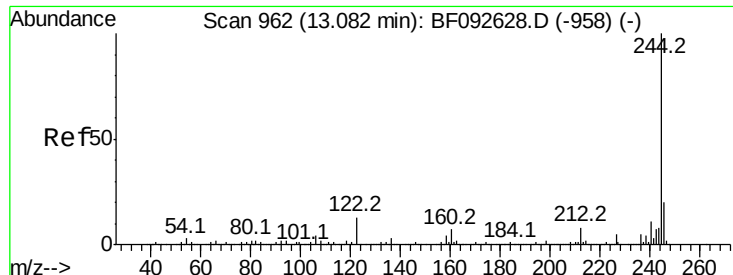
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1048
Delta R.T. -0.08 min
Lab File: BF092824.D
Acq: 7 Feb 2017 12:52

Tgt Ion:240 Resp: 82116
Ion Ratio Lower Upper
240 100
120 14.1 12.9 19.3
236 30.6 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

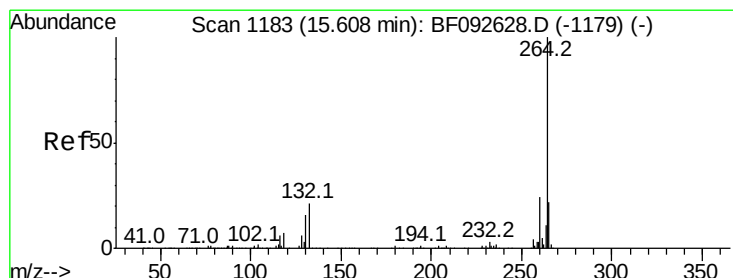
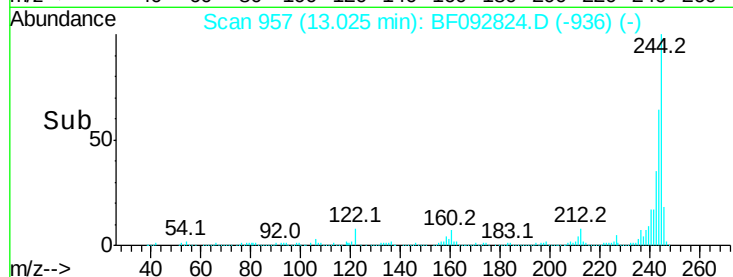
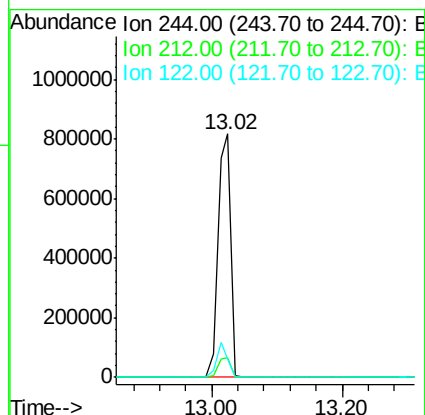
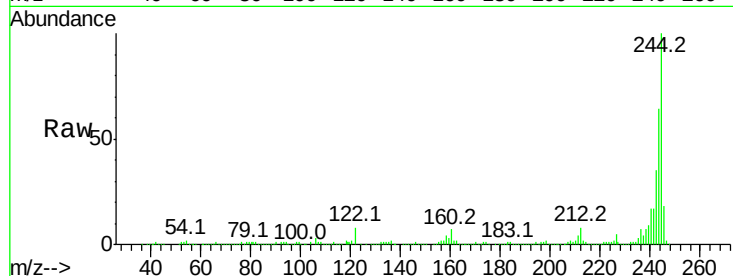




#78
 Terphenyl-d14
 Concen: 324.50 ng
 RT: 13.02 min Scan# 957
 Delta R.T. -0.06 min
 Lab File: BF092824.D
 Acq: 7 Feb 2017 12:52

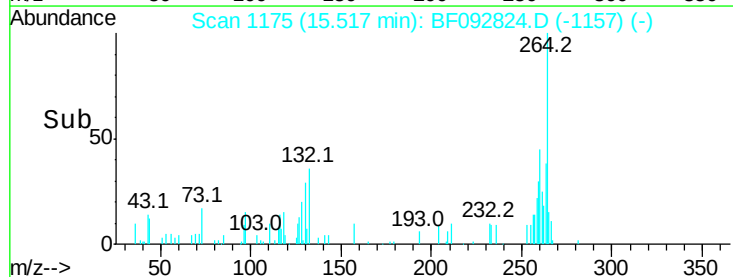
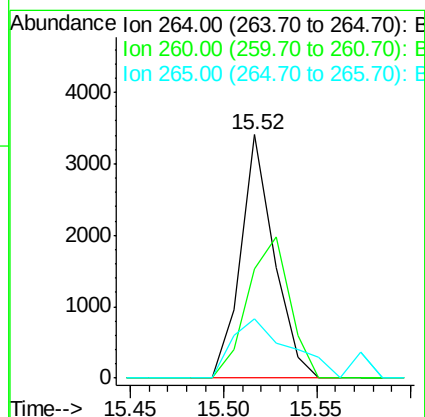
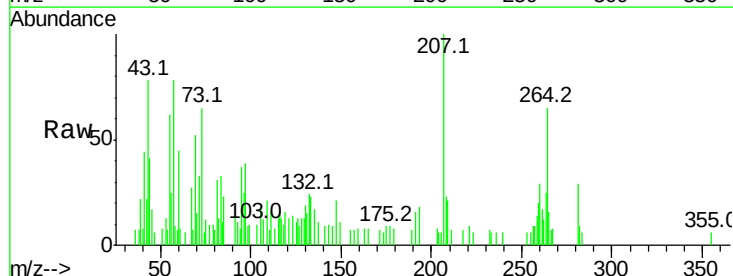
Instrument :
 BNA_F
 ClientSampleId :

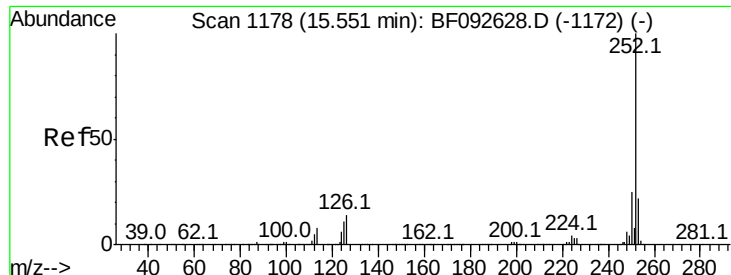
Tot Ion:244 Resp: 1134070
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 7.5 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.52 min Scan# 1175
 Delta R.T. -0.09 min
 Lab File: BF092824.D
 Acq: 7 Feb 2017 12:52

Tgt Ion:264 Resp: 4257
 Ion Ratio Lower Upper
 264 100
 260 45.0 19.2 28.8#
 265 24.5 17.4 26.0





#89

Benzo(a)pyrene

Concen: 4.99 ng

RT: 15.54 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF092824.D

Acq: 7 Feb 2017 12:52

Instrument :

BNA_F

ClientSampleId :

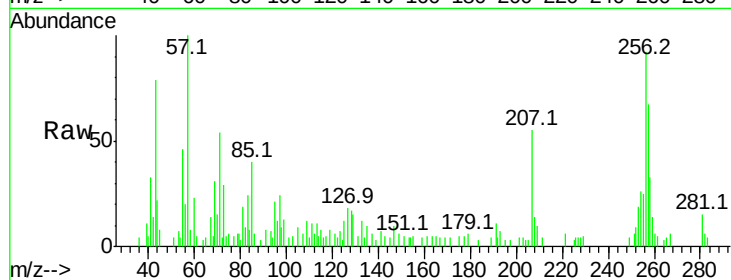
Tot Ion:252 Resp: 1210

Ion Ratio Lower Upper

252 100

253 218.6 18.2 27.2#

125 136.2 10.0 15.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

