

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032019\
 Data File : BF113176.D
 Acq On : 20 Mar 2019 17:36
 Operator : JU/SJ
 Sample : K1688-23 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 21 12:22:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 21 12:13:22 2019
 Response via : Initial Calibration

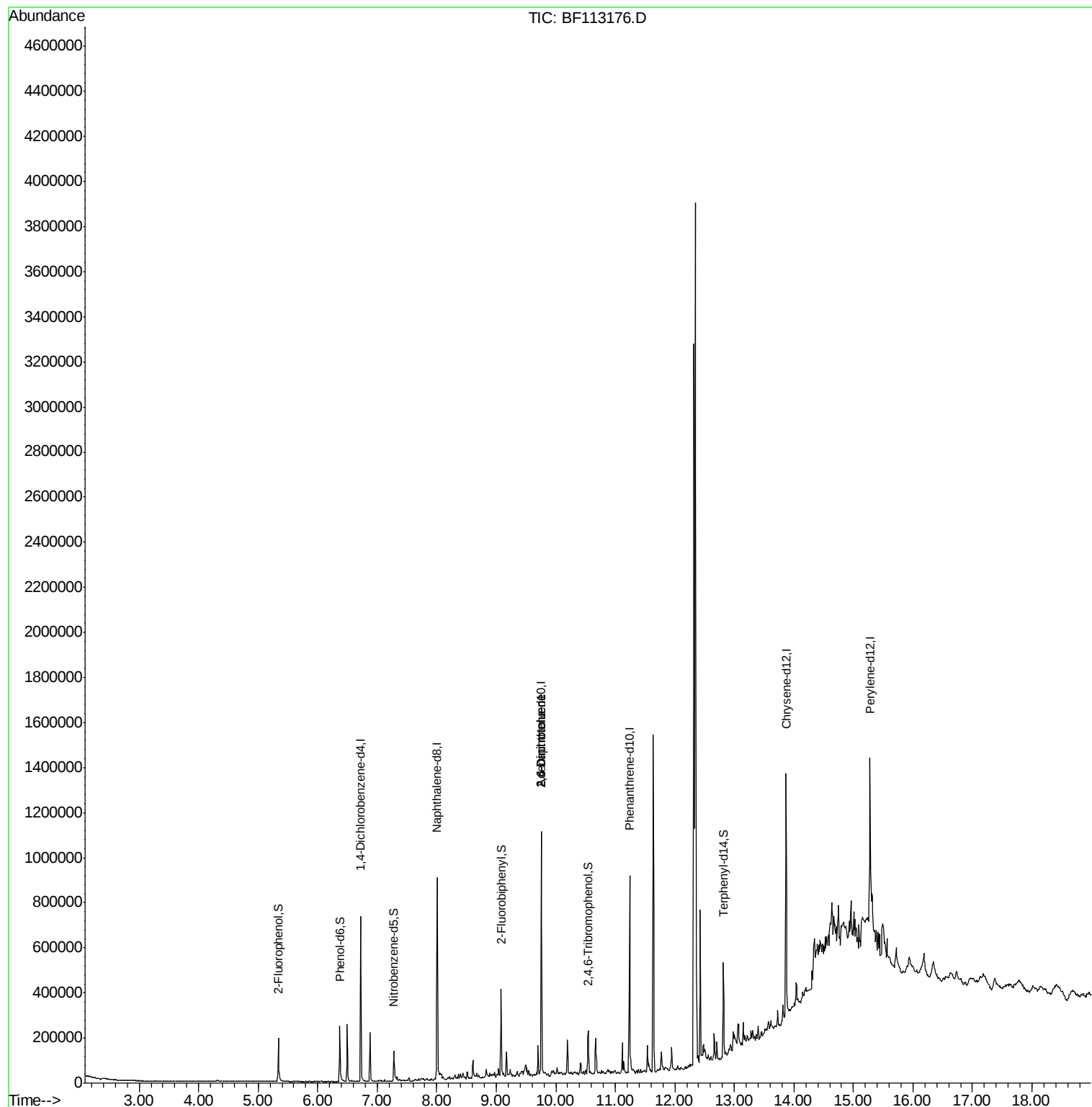
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	111321	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	437151	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	200466	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	367343	20.00	ng	0.00
76) Chrysene-d12	13.87	240	362228	20.00	ng	0.00
87) Perylene-d12	15.28	264	371687	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	67290	9.40	ng	0.00
7) Phenol-d6	6.37	99	93541	10.41	ng	0.00
23) Nitrobenzene-d5	7.28	82	51359	7.03	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	26721	12.56	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	130287	7.41	ng	0.00
79) Terphenyl-d14	12.82	244	133304	7.13	ng	0.00
Target Compounds						
51) 2,6-Dinitrotoluene	9.76	165	25915	8.419	ng	# 25
57) 2,4-Dinitrotoluene	9.76	165	25915	6.773	ng	# 23

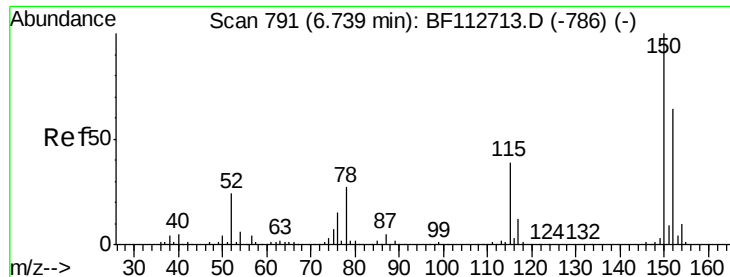
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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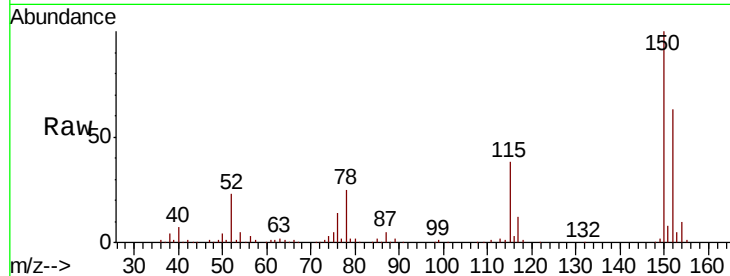


#1

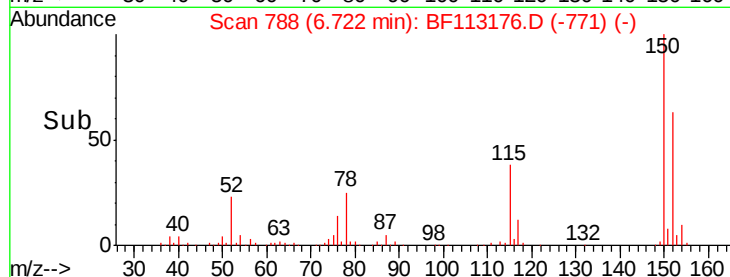
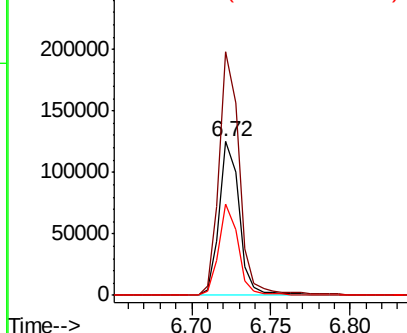
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF113176.D
Acq: 20 Mar 2019 17:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 111321
Ion Ratio Lower Upper
152 100
150 158.2 123.0 184.6
115 59.5 45.9 68.9



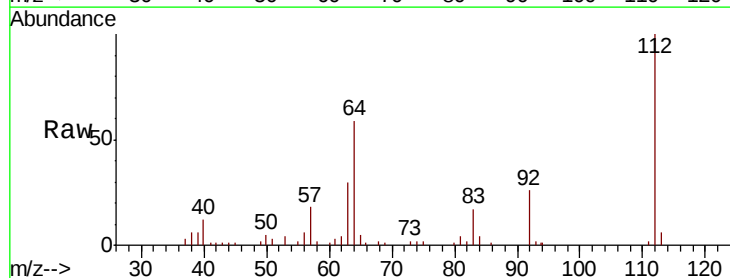
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



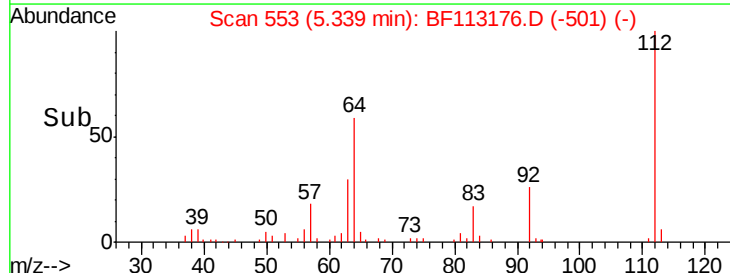
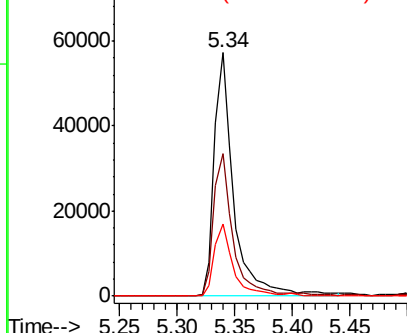
#5

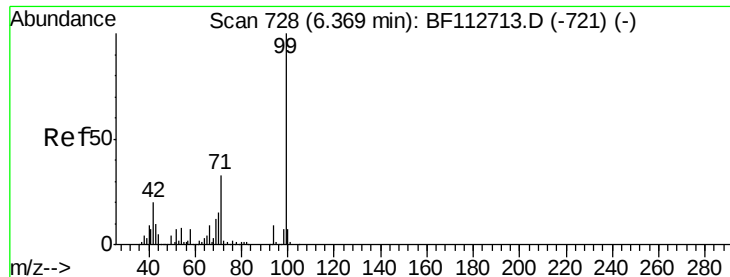
2-Fluorophenol
Concen: 9.403 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF113176.D
Acq: 20 Mar 2019 17:36

Tgt Ion:112 Resp: 67290
Ion Ratio Lower Upper
112 100
64 58.7 49.3 73.9
63 29.6 25.4 38.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 10.405 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113176.D

Acq: 20 Mar 2019 17:36

Instrument :

BNA_F

ClientSampleId :

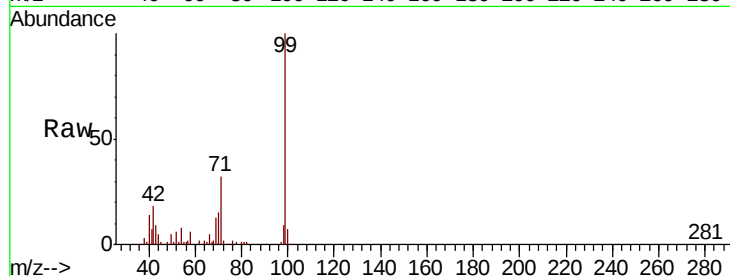
Tot Ion: 99 Resp: 93541

Ion Ratio Lower Upper

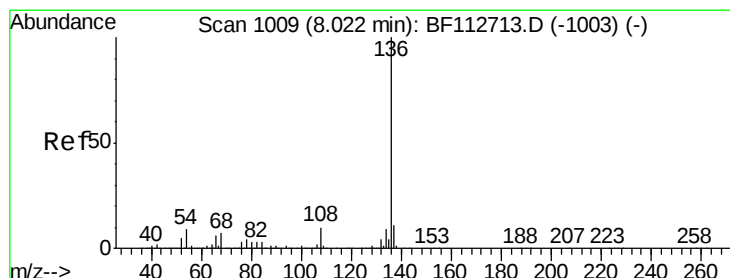
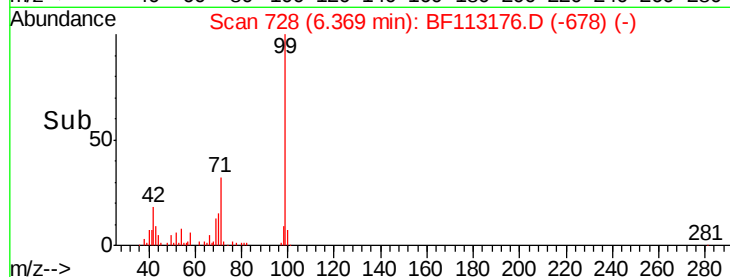
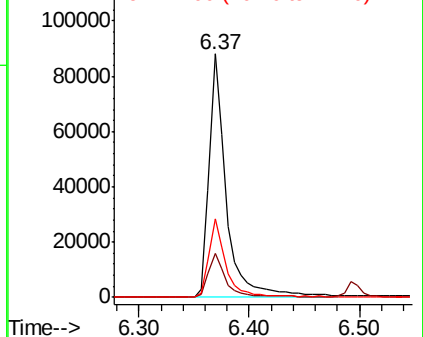
99 100

42 18.2 15.2 22.8

71 32.2 25.7 38.5



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BF113176.D

Acq: 20 Mar 2019 17:36

Tgt Ion: 136 Resp: 437151

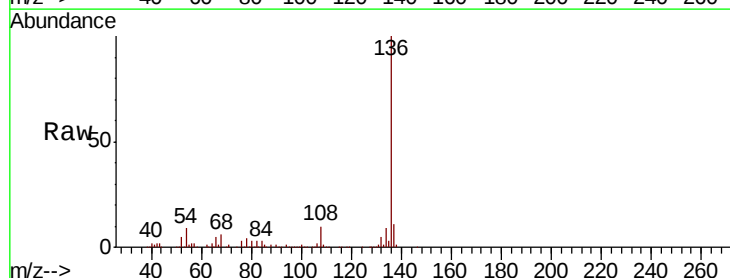
Ion Ratio Lower Upper

136 100

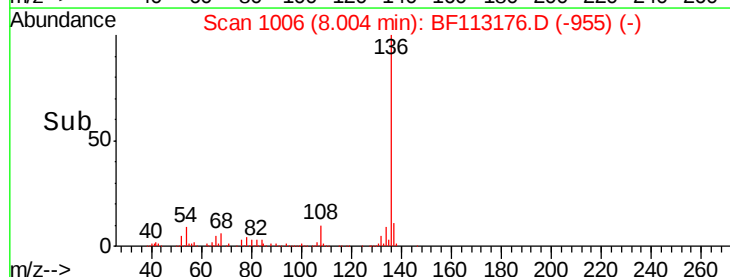
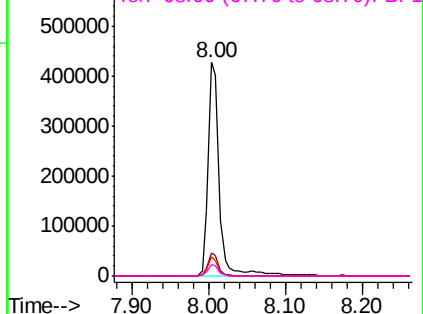
137 11.0 8.9 13.3

54 8.8 7.0 10.6

68 5.7 5.0 7.4



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): BF1
Ion 68.00 (67.70 to 68.70): BF1

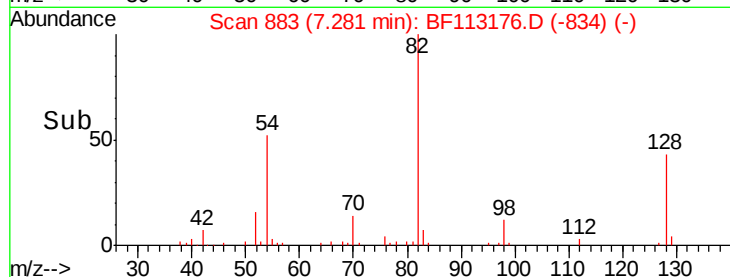
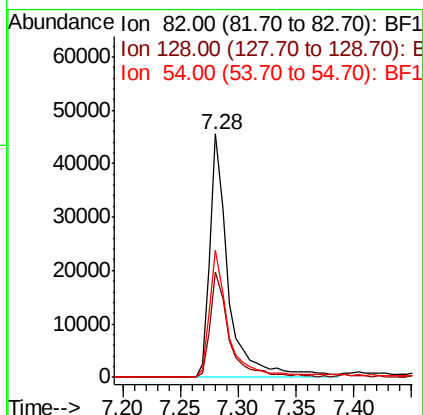
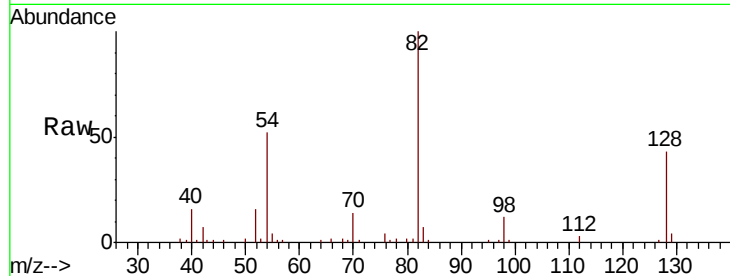




#23
Nitrobenzene-d5
Concen: 7.030 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF113176.D
Acq: 20 Mar 2019 17:36

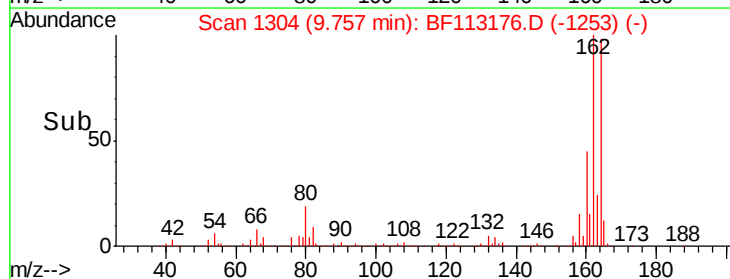
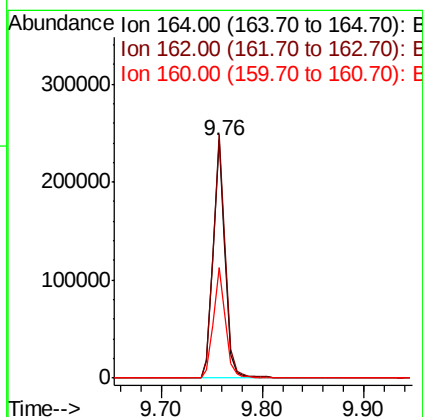
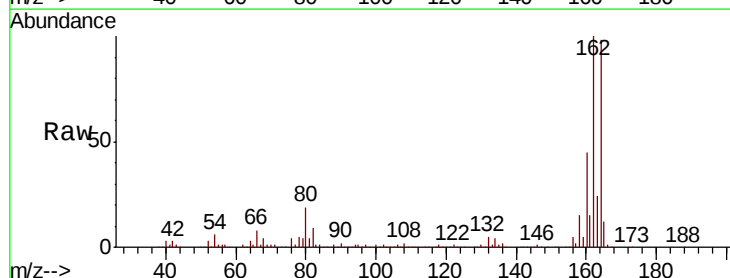
Instrument :
BNA_F
ClientSampleId :

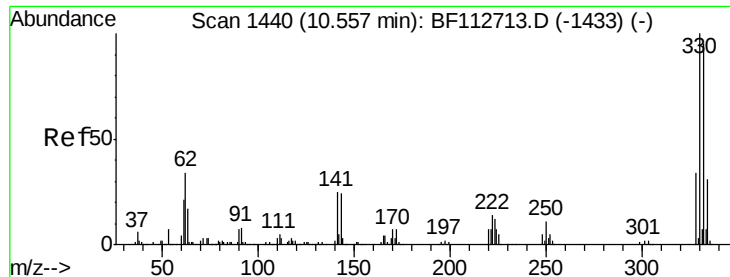
Tot Ion: 82 Resp: 51359
Ion Ratio Lower Upper
82 100
128 43.2 37.9 56.9
54 52.1 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF113176.D
Acq: 20 Mar 2019 17:36

Tgt Ion:164 Resp: 200466
Ion Ratio Lower Upper
164 100
162 102.3 80.8 121.2
160 46.2 36.2 54.2

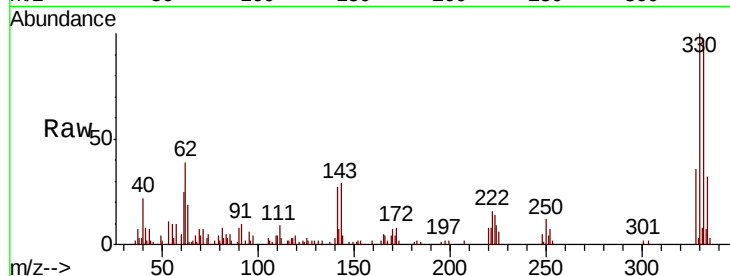




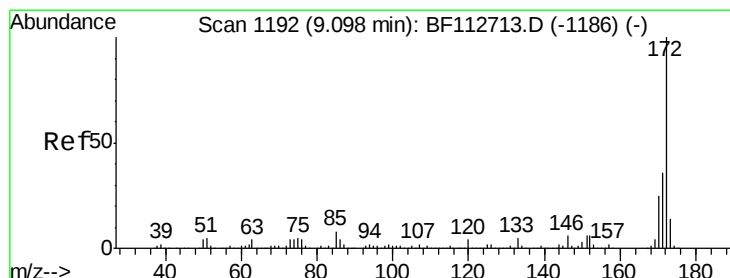
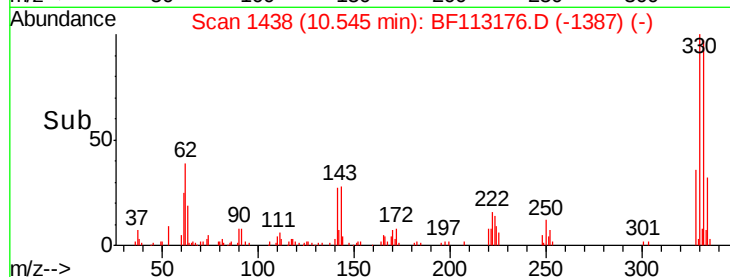
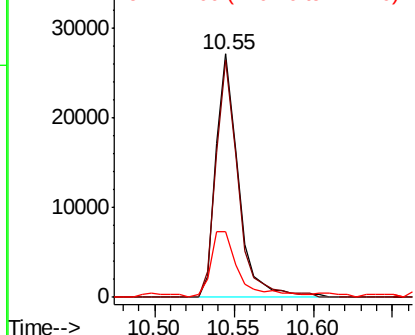
#42
 2,4,6-Tribromophenol
 Concen: 12.556 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF113176.D
 Acq: 20 Mar 2019 17:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 26721
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.3 114.5
 141 34.5 22.3 33.5#

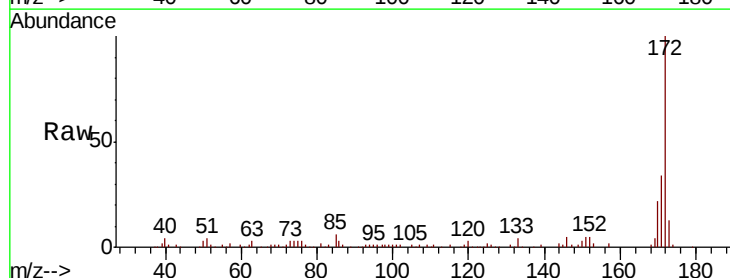


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

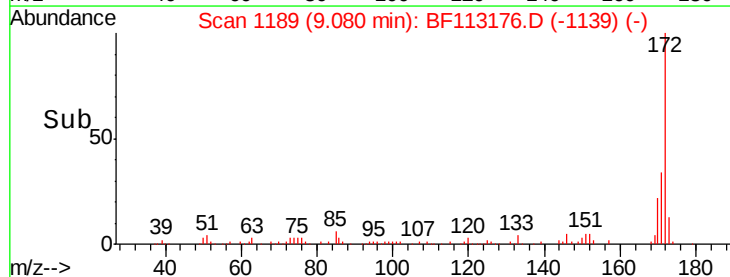
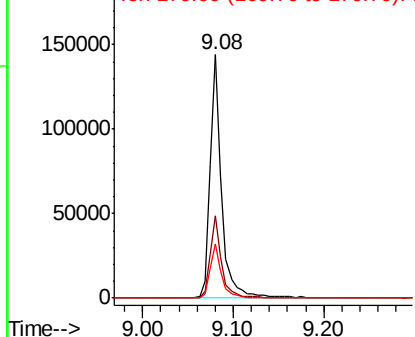


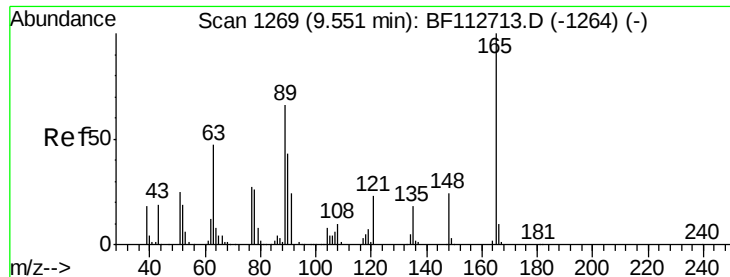
#45
 2-Fluorobiphenyl
 Concen: 7.414 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113176.D
 Acq: 20 Mar 2019 17:36

Tgt Ion:172 Resp: 130287
 Ion Ratio Lower Upper
 172 100
 171 33.7 29.0 43.4
 170 22.2 20.1 30.1



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

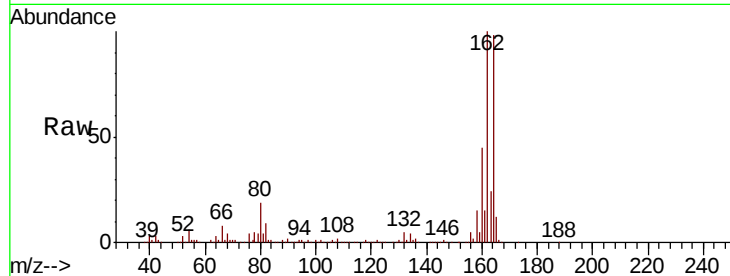




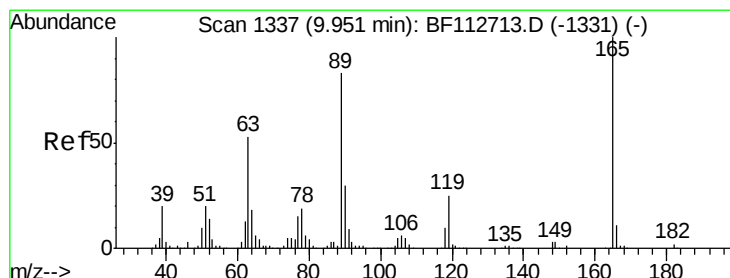
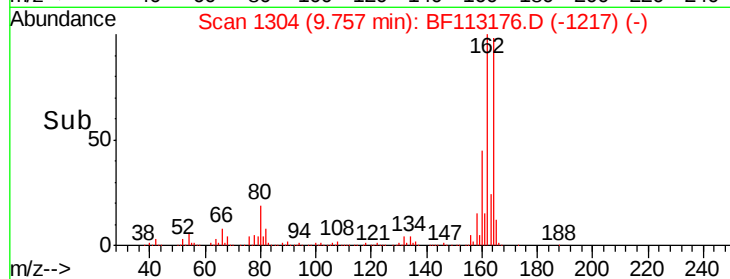
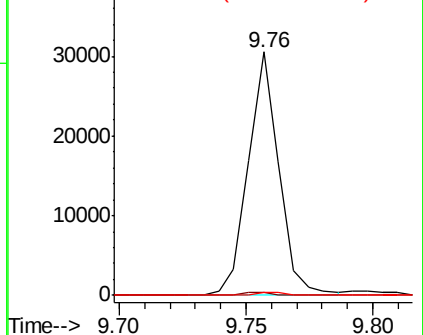
#51
 2,6-Dinitrotoluene
 Concen: 8.419 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.21 min
 Lab File: BF113176.D
 Acq: 20 Mar 2019 17:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	45.4	68.2#
89	1.5	43.8	65.6#



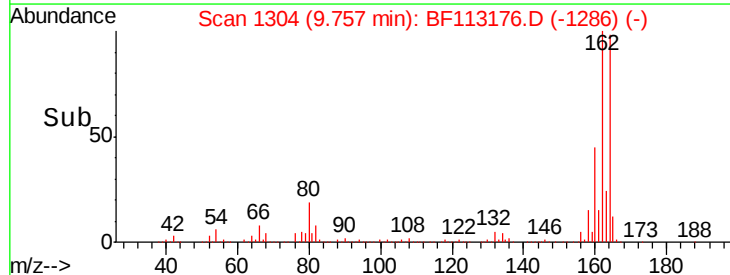
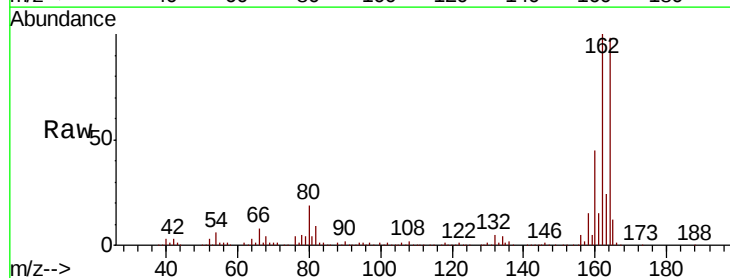
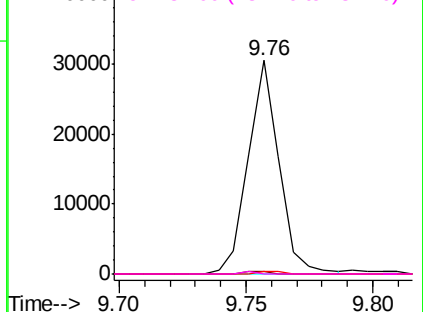
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1



#57
 2,4-Dinitrotoluene
 Concen: 6.773 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.19 min
 Lab File: BF113176.D
 Acq: 20 Mar 2019 17:36

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	37.9	56.9#
89	1.5	58.5	87.7#
182	0.0	2.2	3.2#

Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

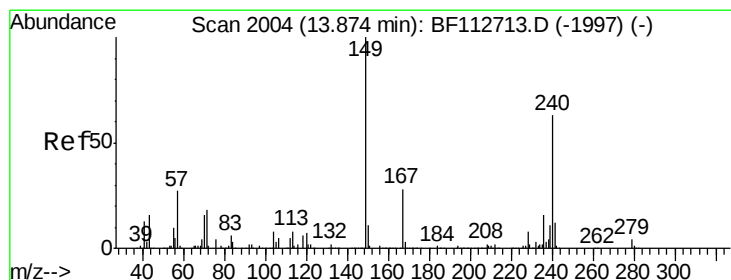
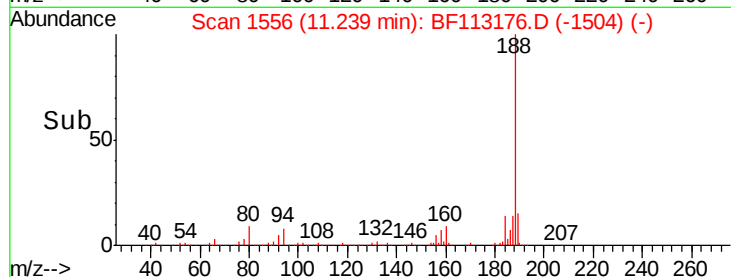
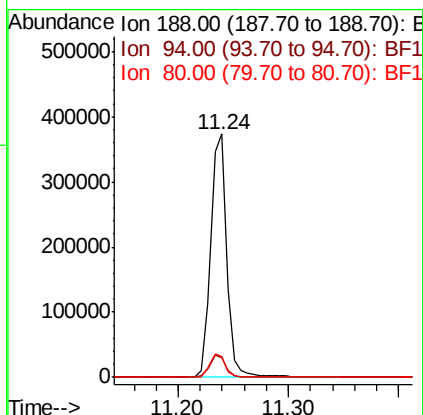
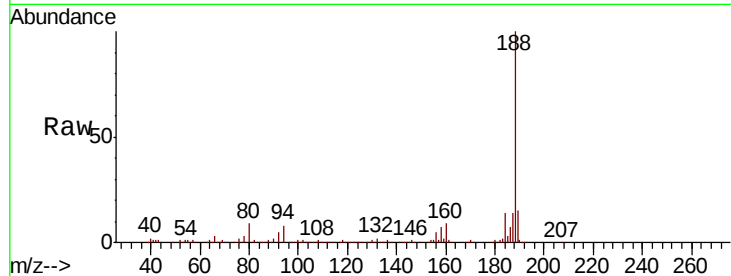




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.01 min
Lab File: BF113176.D
Acq: 20 Mar 2019 17:36

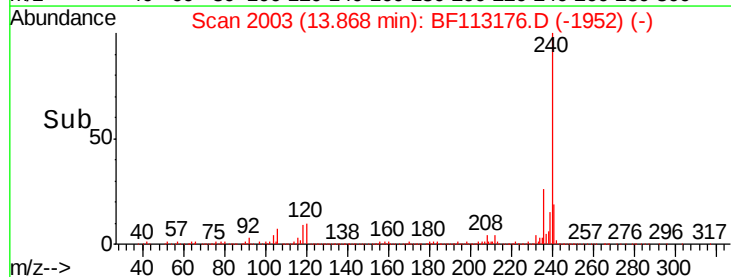
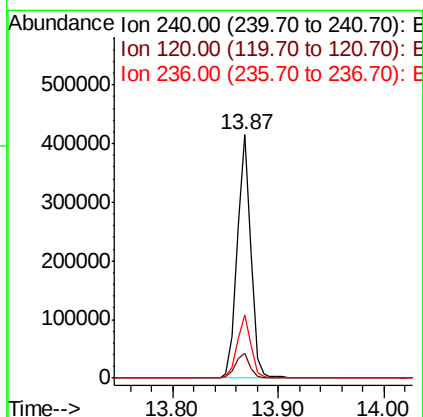
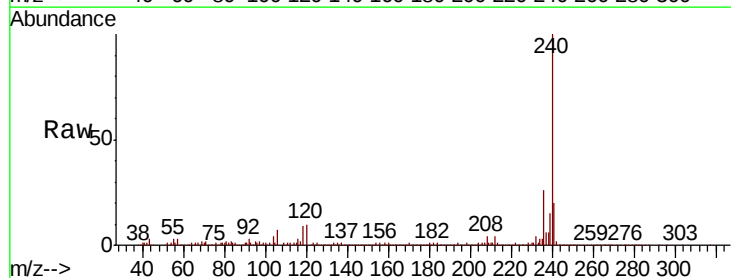
Instrument :
BNA_F
ClientSampleId :

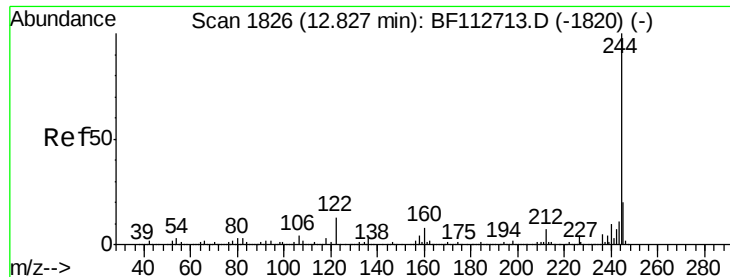
Tot Ion:188 Resp: 367343
Ion Ratio Lower Upper
188 100
94 8.1 7.4 11.2
80 8.9 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF113176.D
Acq: 20 Mar 2019 17:36

Tgt Ion:240 Resp: 362228
Ion Ratio Lower Upper
240 100
120 10.3 8.6 12.8
236 25.9 21.2 31.8





#79

Terphenyl-d14

Concen: 7.134 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BF113176.D

Acq: 20 Mar 2019 17:36

Instrument :

BNA_F

ClientSampleId :

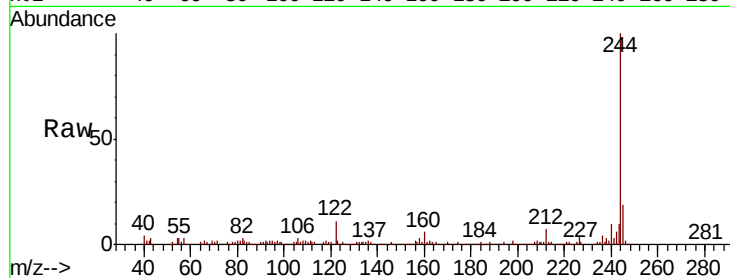
Tot Ion:244 Resp: 133304

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

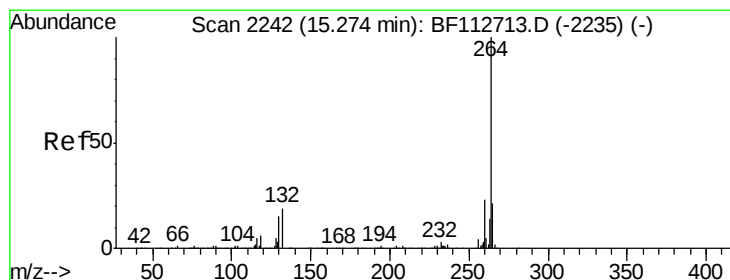
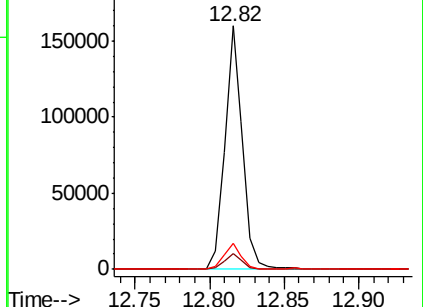
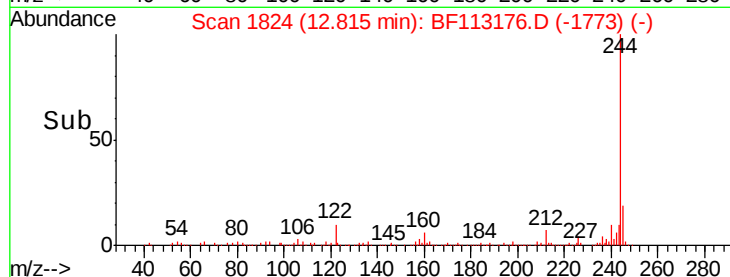
122 10.7 9.4 14.2



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.28 min Scan# 2243

Delta R.T. 0.01 min

Lab File: BF113176.D

Acq: 20 Mar 2019 17:36

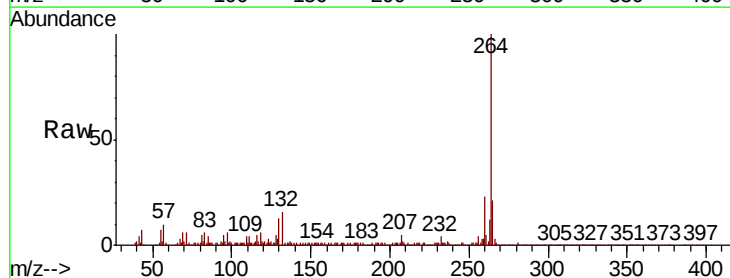
Tgt Ion:264 Resp: 371687

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 21.2 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

