

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
 Data File : BF112039.D
 Acq On : 12 Jan 2019 2:35
 Operator : JU/SJ
 Sample : K1114-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 12 04:17:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 11 21:37:26 2019
 Response via : Initial Calibration

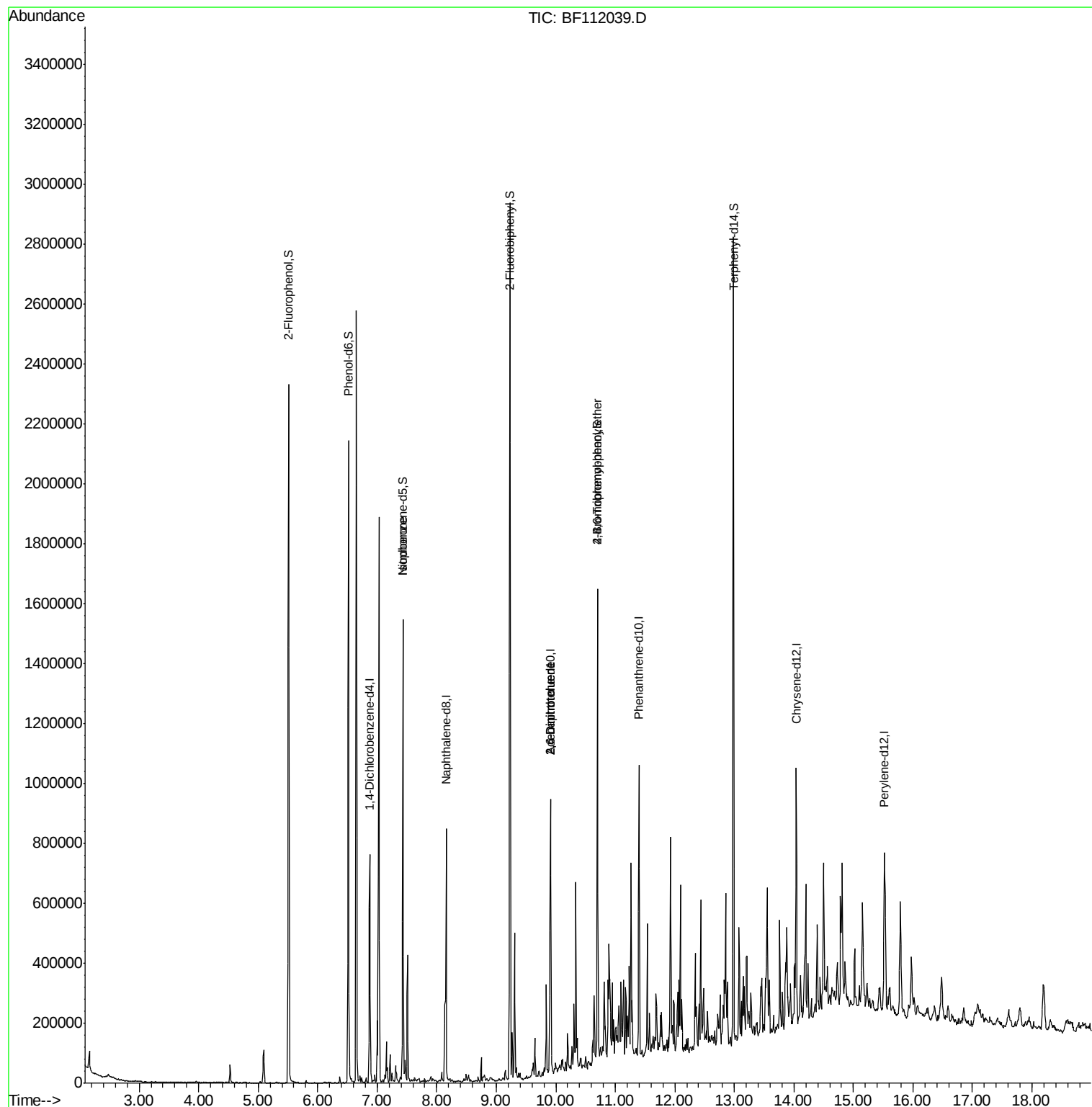
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	106559	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	374585	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	168121	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	314974	20.00	ng	0.00
76) Chrysene-d12	14.04	240	255176	20.00	ng	0.00
87) Perylene-d12	15.52	264	183048	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	590153	94.75	ng	0.00
7) Phenol-d6	6.52	99	747739	93.14	ng	0.00
23) Nitrobenzene-d5	7.43	82	455444	64.98	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	193195	88.35	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	862703	74.83	ng	0.00
79) Terphenyl-d14	12.99	244	966486	71.90	ng	0.00
Target Compounds						
9) Benzaldehyde	6.52	77	1330	Below Cal	Qvalue	# 1
25) Isophorone	7.43	82	455437	40.129 ng	#	65
51) 2,6-Dinitrotoluene	9.91	165	20792	7.362 ng	#	26
57) 2,4-Dinitrotoluene	9.91	165	20792	5.698 ng	#	27
67) 4-Bromophenyl-phenylether	10.70	248	11473	2.812 ng	#	1

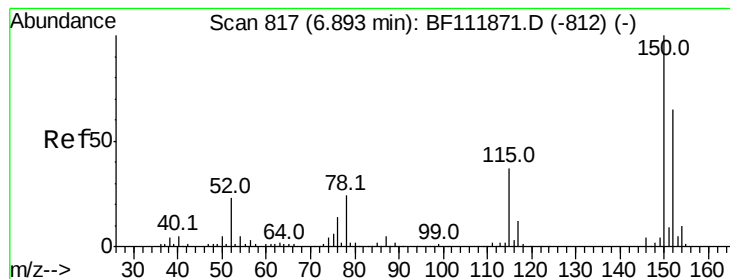
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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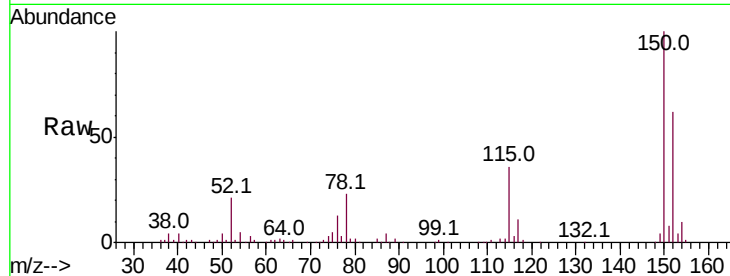


#1

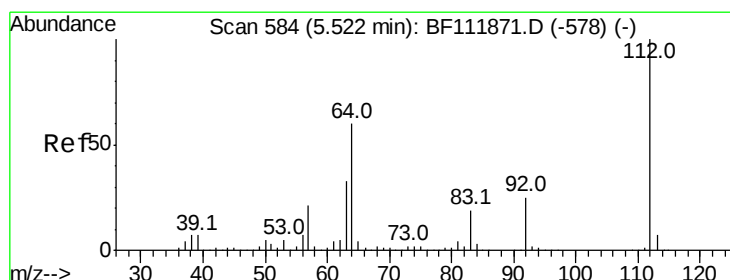
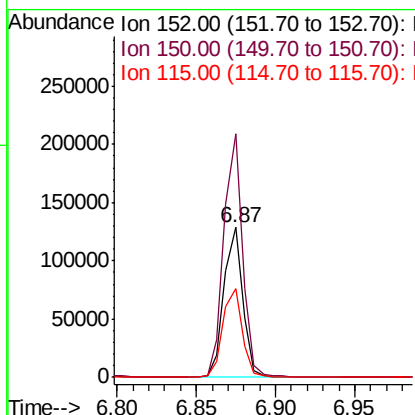
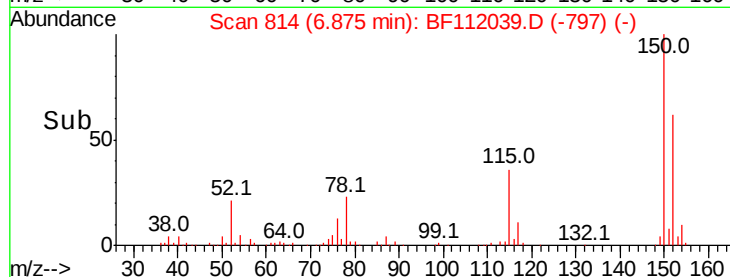
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF112039.D
 Acq: 12 Jan 2019 2:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.5	122.7	184.1
115	59.2	45.2	67.8



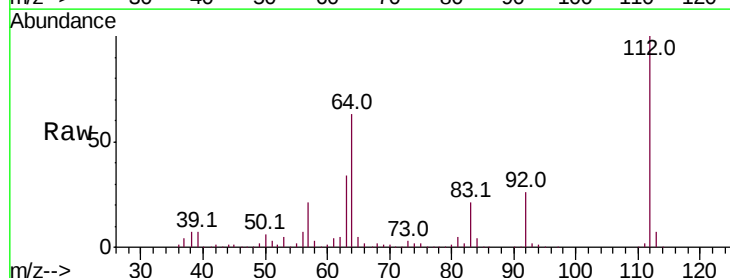
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



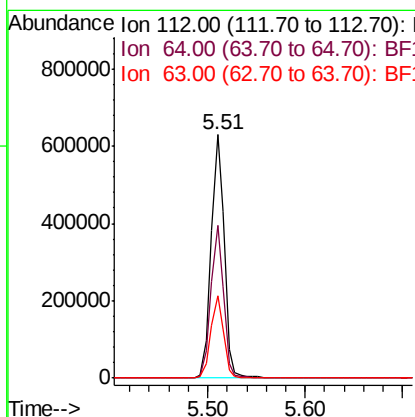
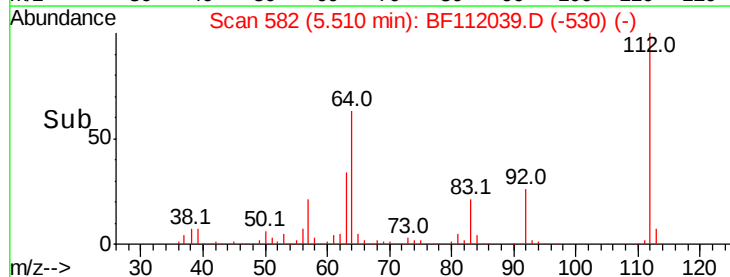
#5

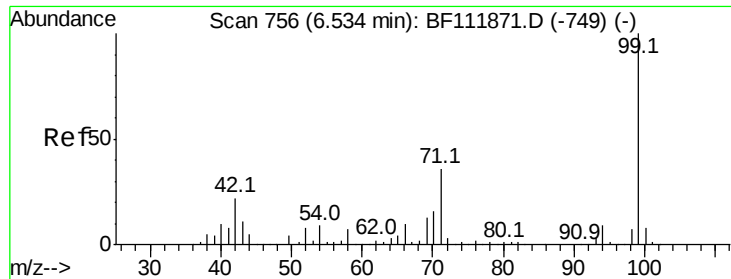
2-Fluorophenol
 Concen: 94.750 ng
 RT: 5.51 min Scan# 582
 Delta R.T. 0.01 min
 Lab File: BF112039.D
 Acq: 12 Jan 2019 2:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.7	48.3	72.5
63	33.8	26.1	39.1



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: 93.143 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF112039.D

Acq: 12 Jan 2019 2:35

Instrument :

BNA_G

ClientSampled :

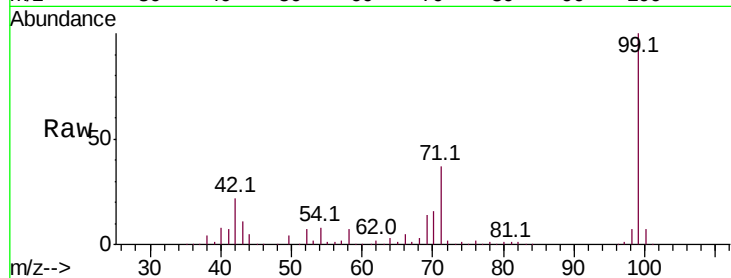
Tot Ion: 99 Resp: 747739

Ion Ratio Lower Upper

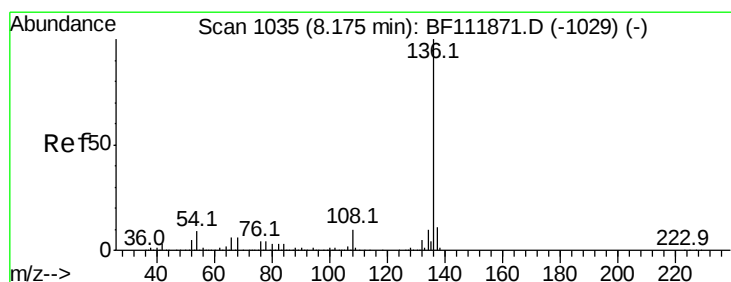
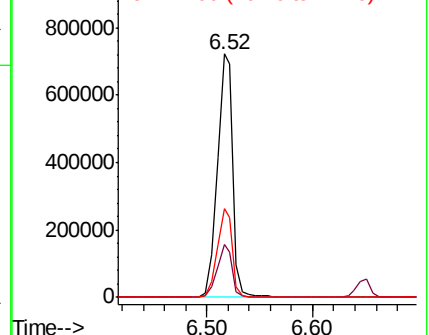
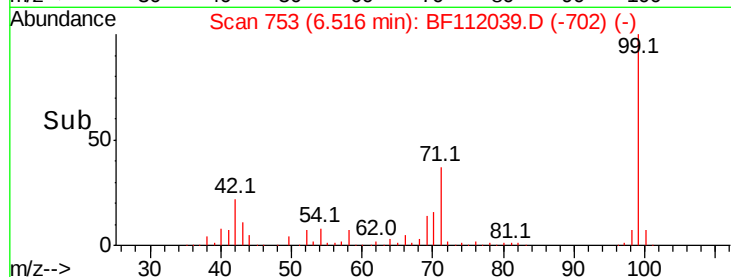
99 100

42 21.6 17.9 26.9

71 36.7 28.7 43.1



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: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF112039.D

Acq: 12 Jan 2019 2:35

Tgt Ion: 136 Resp: 374585

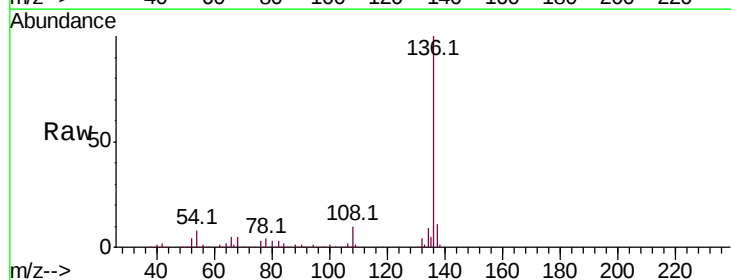
Ion Ratio Lower Upper

136 100

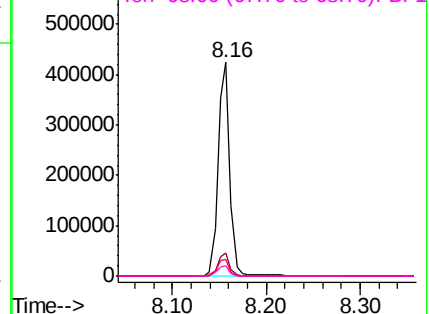
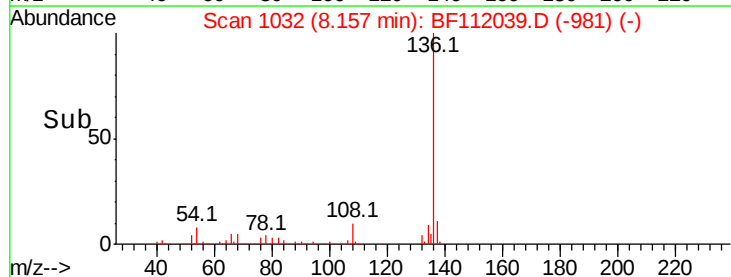
137 10.7 9.1 13.7

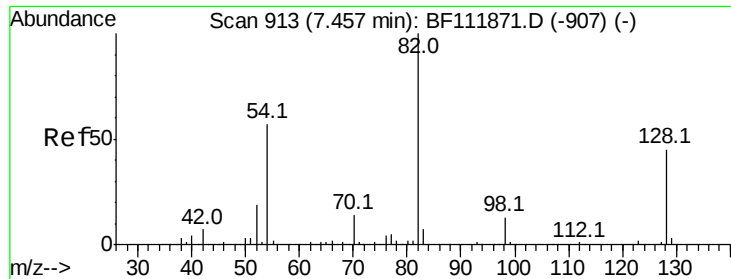
54 7.7 7.2 10.8

68 4.8 4.4 6.6



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

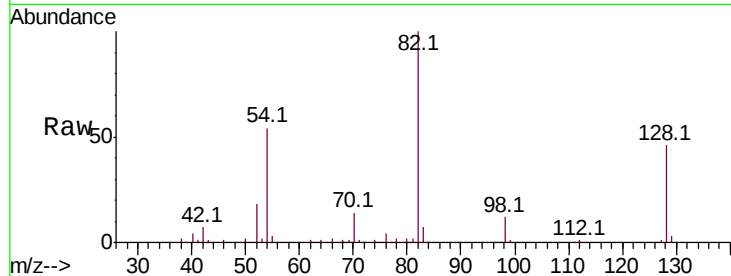




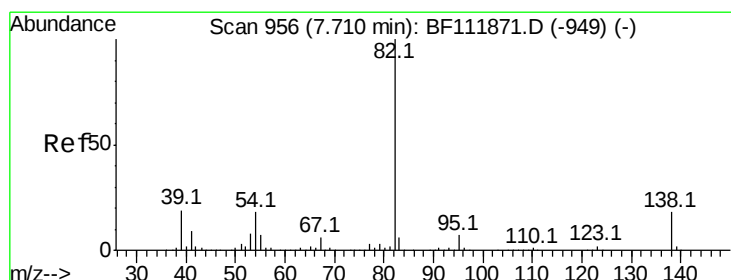
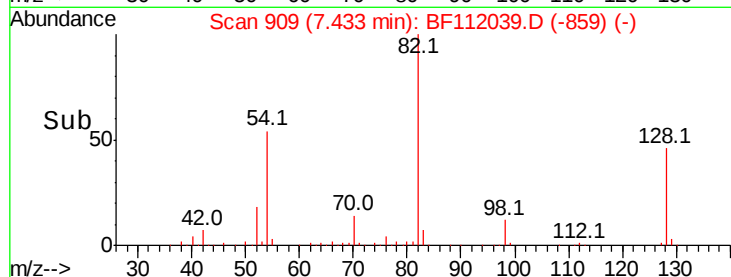
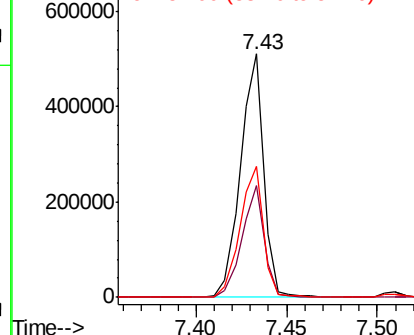
#23
Nitrobenzene-d5
Concen: 64.982 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF112039.D
Acq: 12 Jan 2019 2:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 455444
Ion Ratio Lower Upper
82 100
128 46.0 35.7 53.5
54 54.0 45.8 68.8

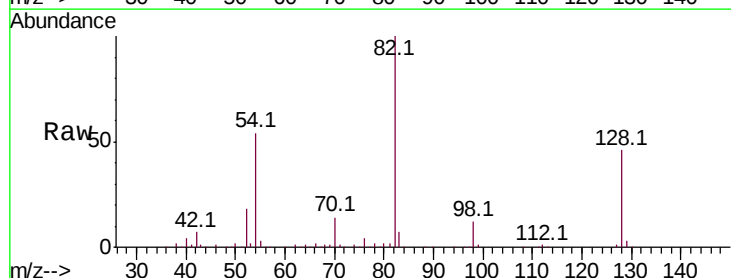


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

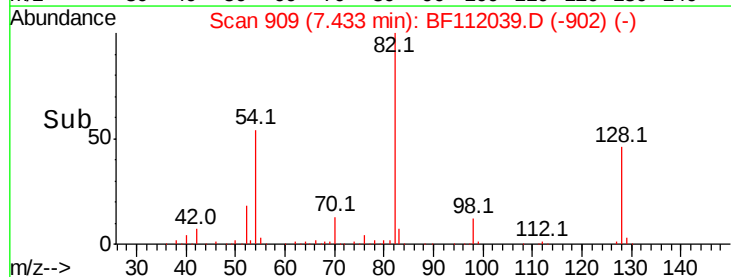
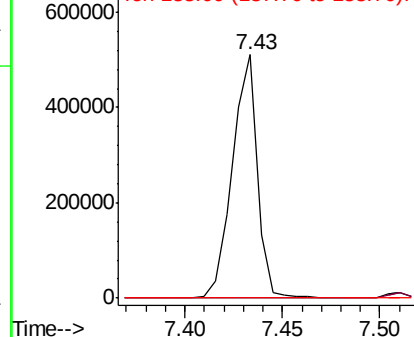


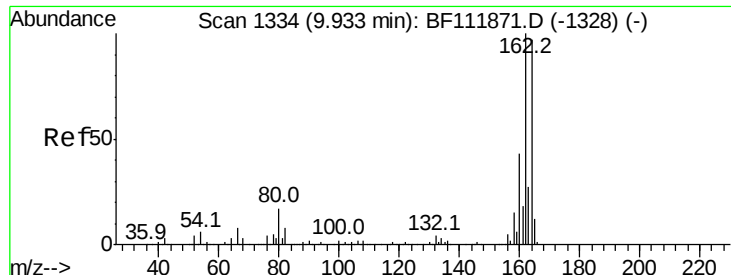
#25
Isophorone
Concen: 40.129 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.26 min
Lab File: BF112039.D
Acq: 12 Jan 2019 2:35

Tgt Ion: 82 Resp: 455437
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.4 21.6#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

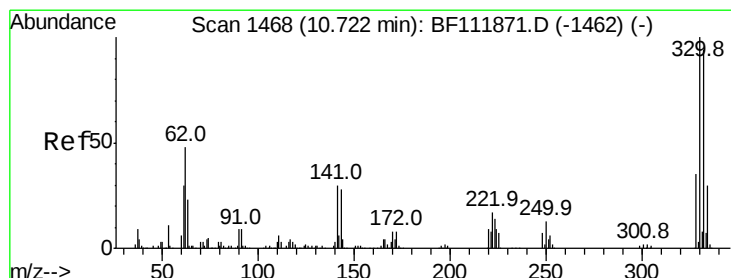
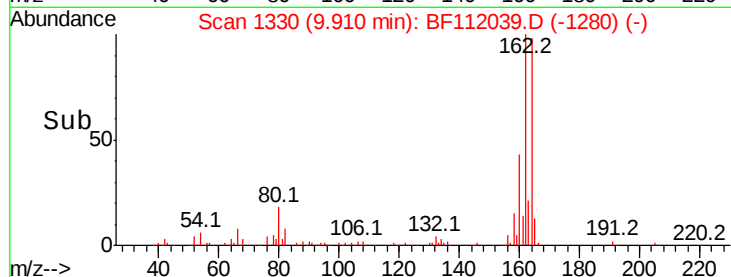
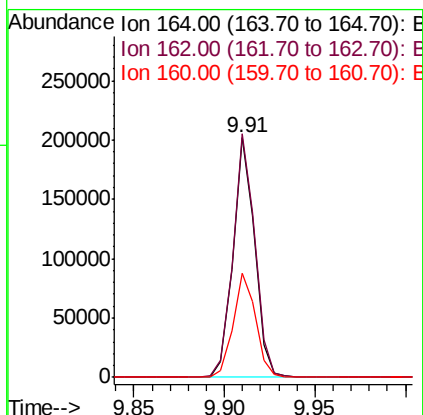
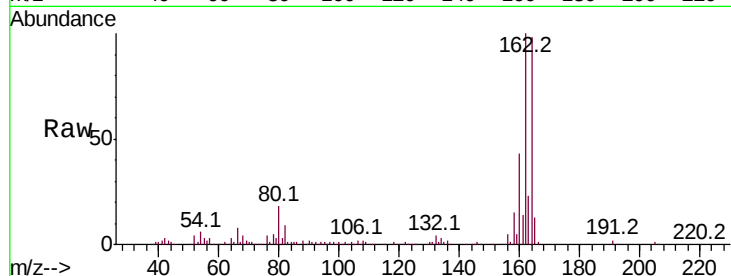




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF112039.D
 Acq: 12 Jan 2019 2:35

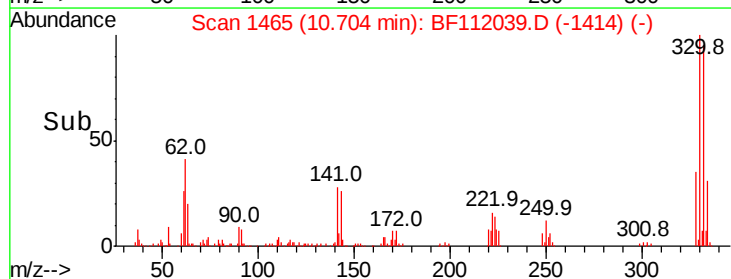
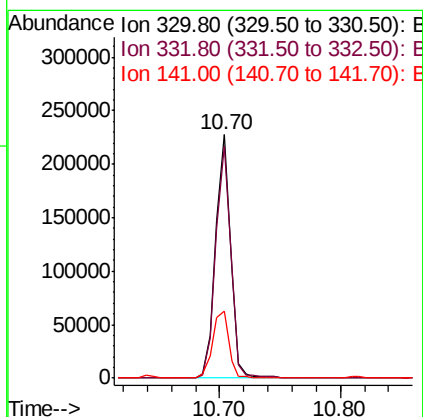
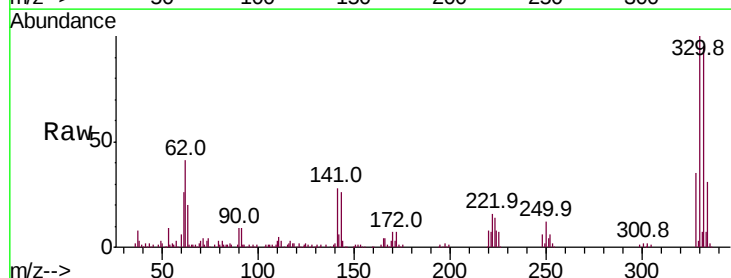
Instrument :
 BNA_G
 ClientSampled :

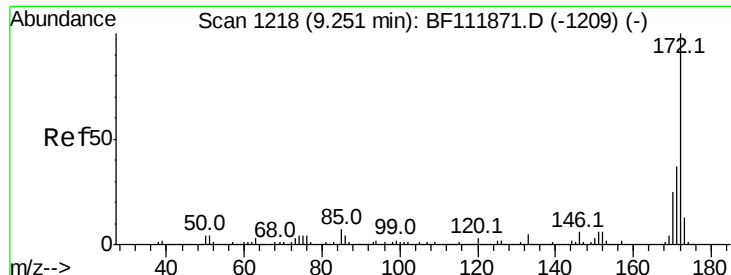
Tot Ion:164 Resp: 168121
 Ion Ratio Lower Upper
 164 100
 162 101.6 82.2 123.2
 160 43.6 35.5 53.3



#42
 2,4,6-Tribromophenol
 Concen: 88.348 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: BF112039.D
 Acq: 12 Jan 2019 2:35

Tgt Ion:330 Resp: 193195
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.9 115.3
 141 30.6 23.7 35.5

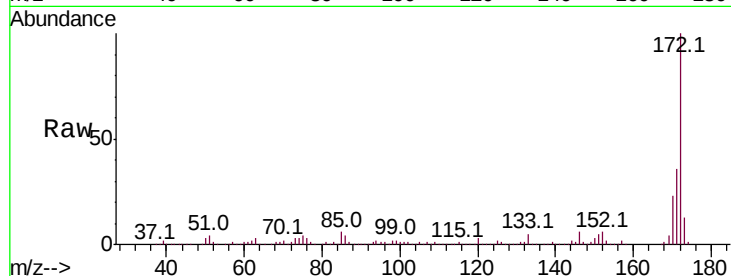




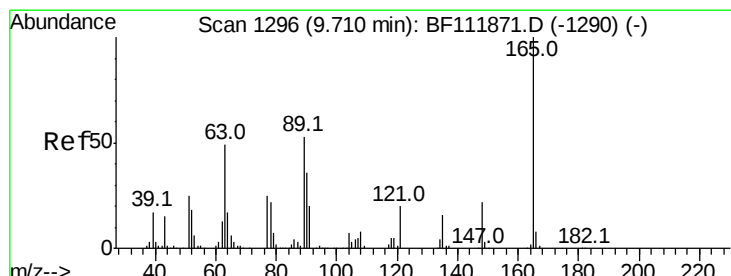
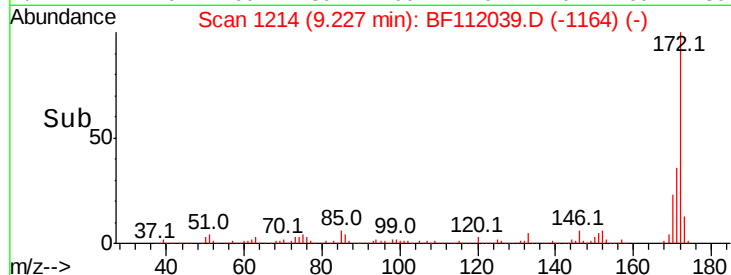
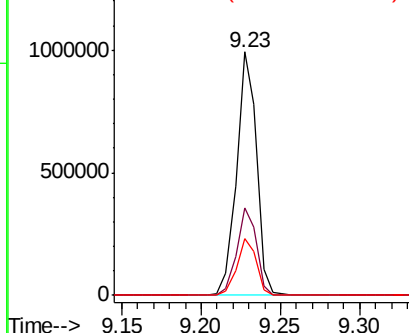
#45
 2-Fluorobiphenyl
 Concen: 74.827 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF112039.D
 Acq: 12 Jan 2019 2:35

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.4	19.8	29.8

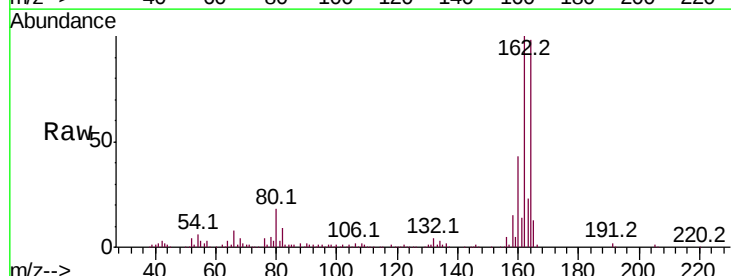


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

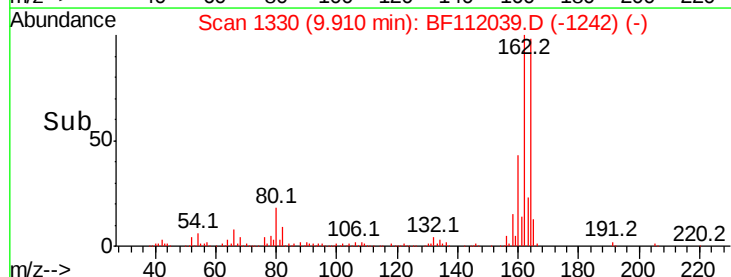
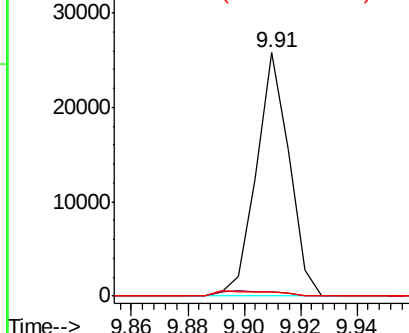


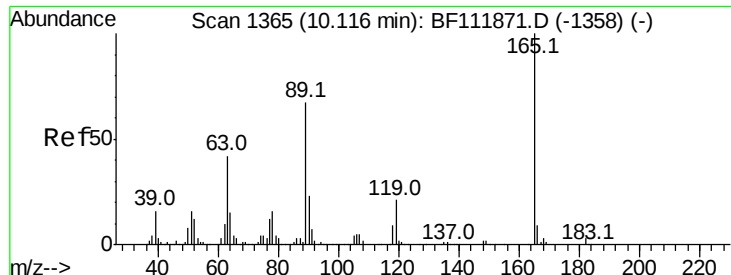
#51
 2,6-Dinitrotoluene
 Concen: 7.362 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.22 min
 Lab File: BF112039.D
 Acq: 12 Jan 2019 2:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	46.2	69.2#
89	1.8	42.2	63.2#



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

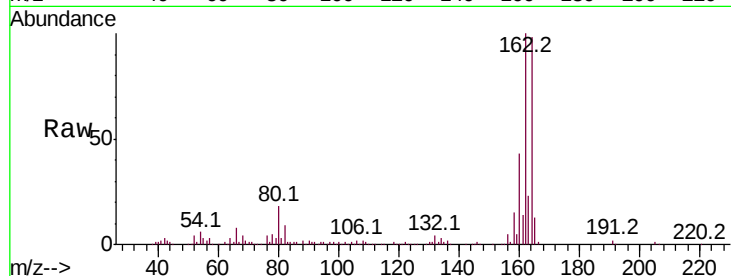




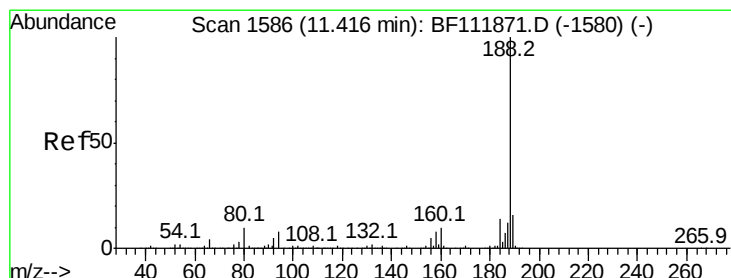
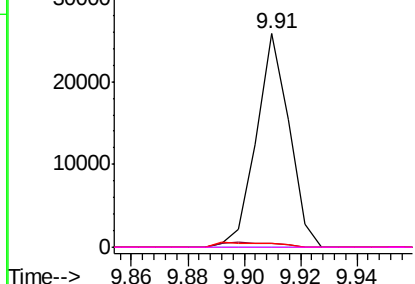
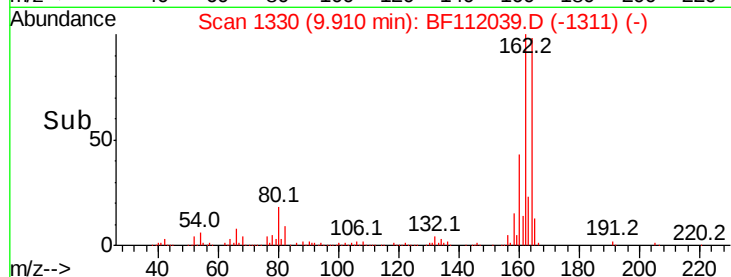
#57
 2,4-Dinitrotoluene
 Concen: 5.698 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.19 min
 Lab File: BF112039.D
 Acq: 12 Jan 2019 2:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 20792
 Ion Ratio Lower Upper
 165 100
 63 1.8 34.1 51.1#
 89 1.8 53.5 80.3#
 182 0.0 2.0 3.0#

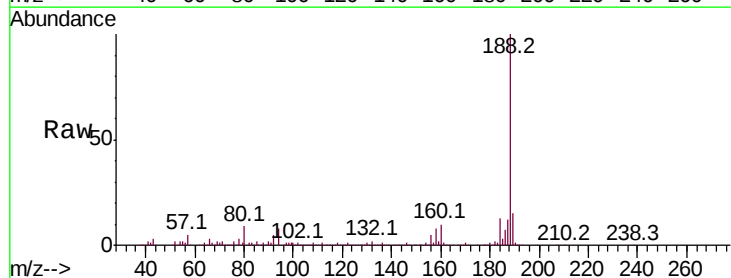


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

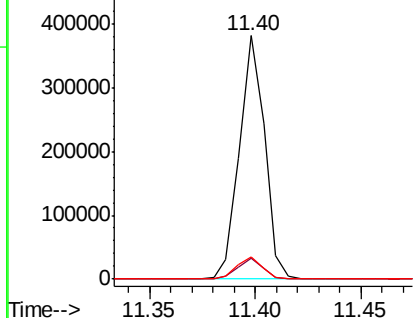
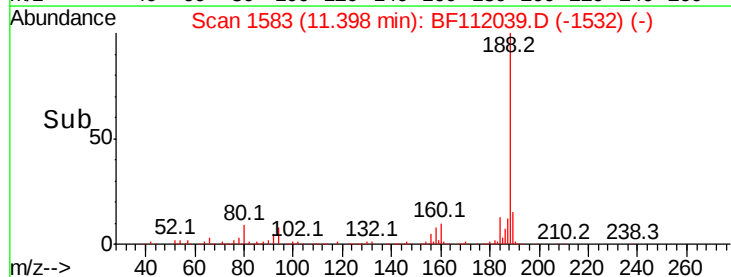


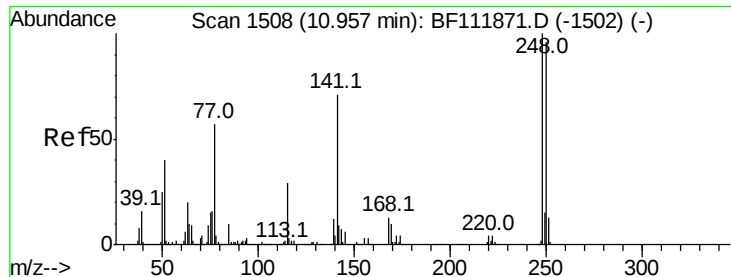
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: BF112039.D
 Acq: 12 Jan 2019 2:35

Tgt Ion:188 Resp: 314974
 Ion Ratio Lower Upper
 188 100
 94 8.4 6.6 10.0
 80 9.2 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

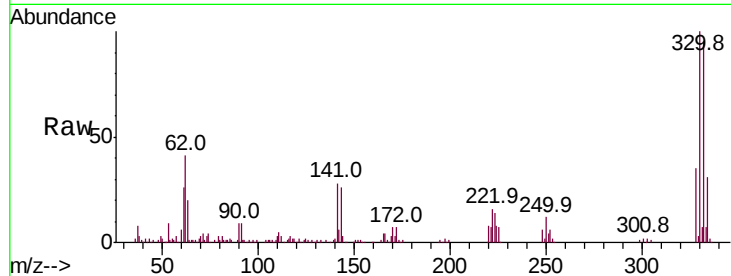




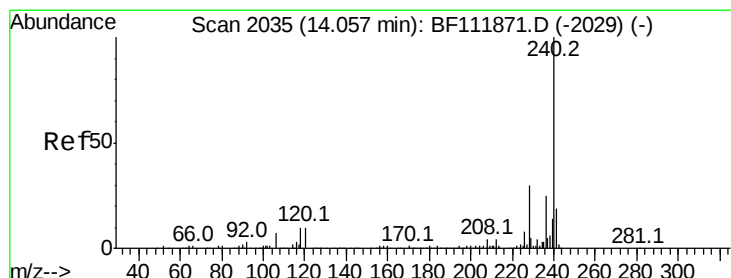
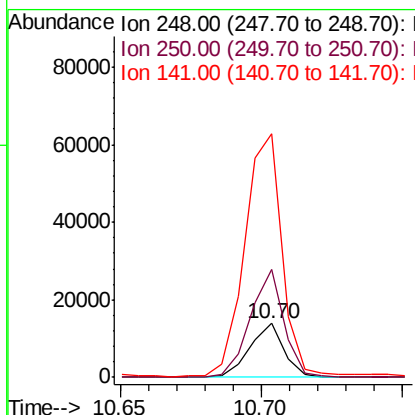
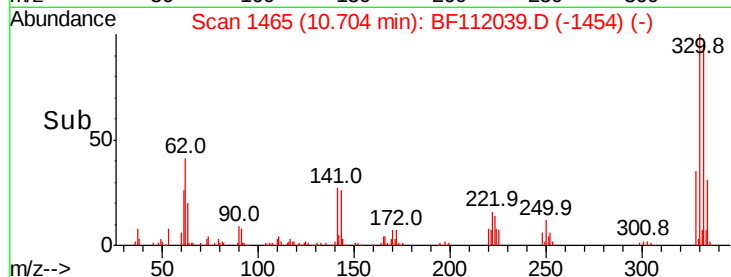
#67
 4-Bromophenyl-phenylether
 Concen: 2.812 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.24 min
 Lab File: BF112039.D
 Acq: 12 Jan 2019 2:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 11473
 Ion Ratio Lower Upper
 248 100
 250 201.5 76.8 115.2#
 141 454.0 57.0 85.6#

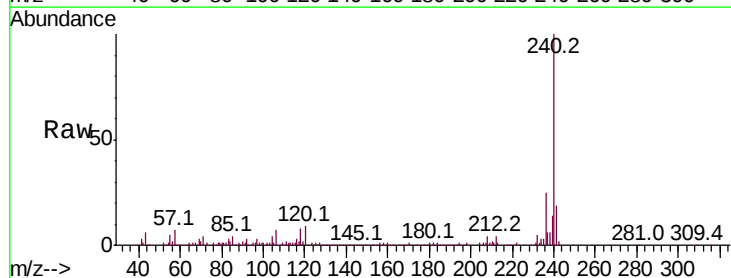


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

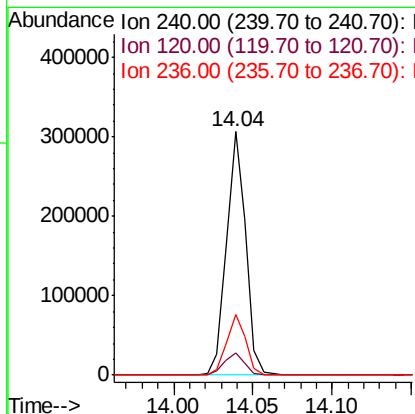
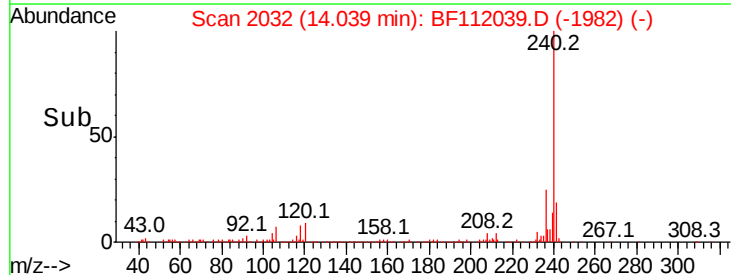


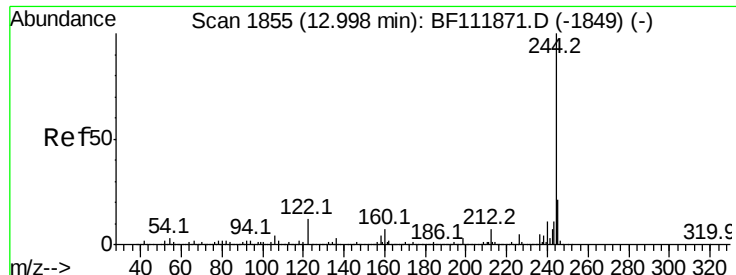
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF112039.D
 Acq: 12 Jan 2019 2:35

Tgt Ion:240 Resp: 255176
 Ion Ratio Lower Upper
 240 100
 120 9.2 8.2 12.2
 236 25.1 20.2 30.4



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





#79

Terphenyl-d14

Concen: 71.896 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BF112039.D

Acq: 12 Jan 2019 2:35

Instrument :

BNA_G

ClientSampleId :

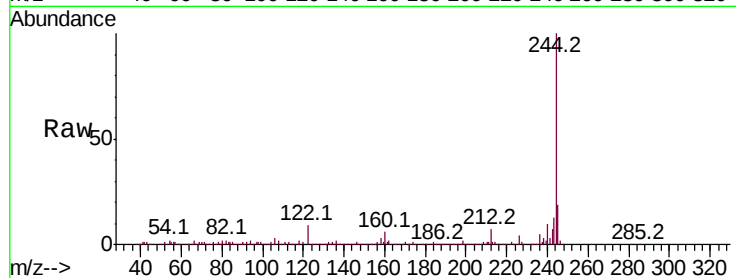
Tot Ion:244 Resp: 966486

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

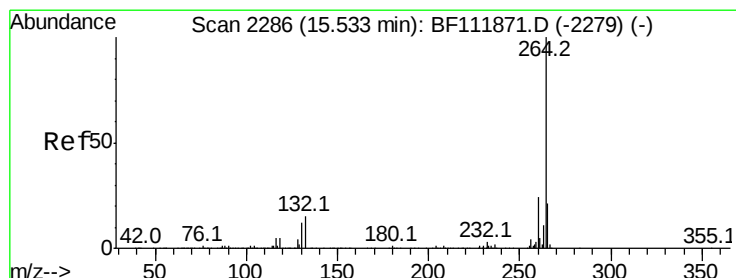
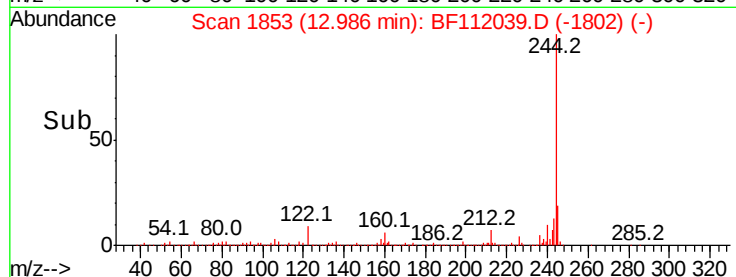
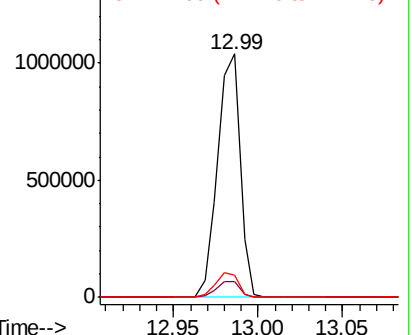
122 9.2 9.5 14.3#



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: 15.52 min Scan# 2284

Delta R.T. 0.01 min

Lab File: BF112039.D

Acq: 12 Jan 2019 2:35

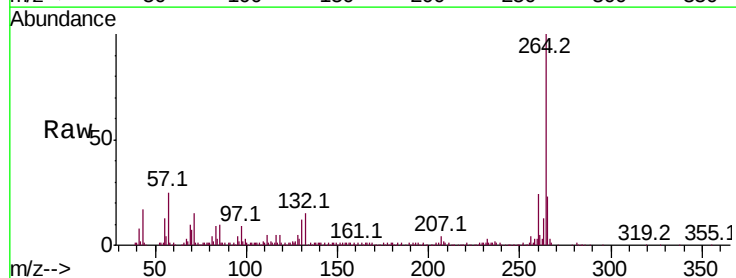
Tgt Ion:264 Resp: 183048

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 22.5 17.1 25.7



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

