

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
 Data File : BF112040.D
 Acq On : 12 Jan 2019 3:02
 Operator : JU/SJ
 Sample : K1114-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 12 04:17:46 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

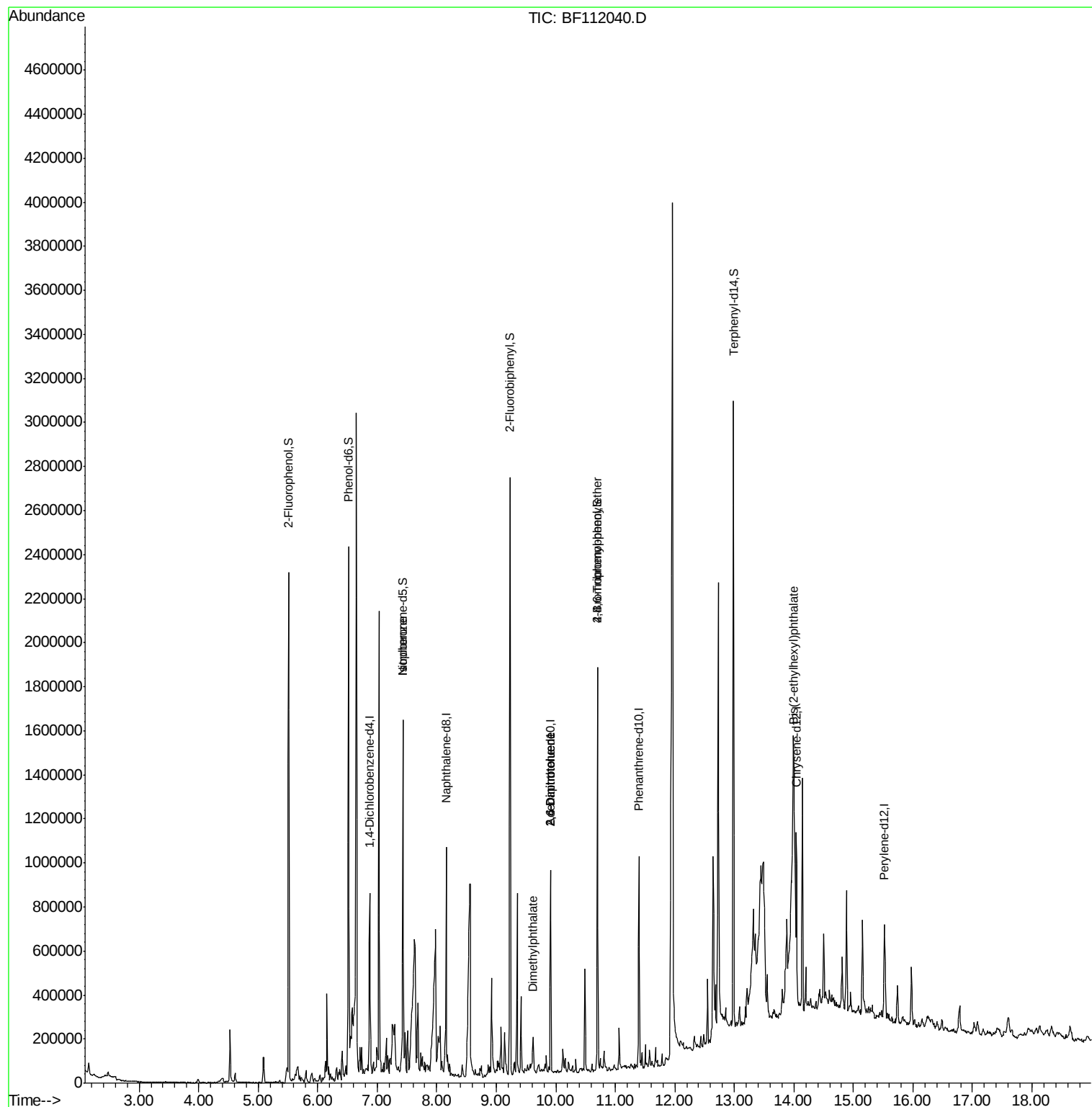
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	108326	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	371378	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	171108	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	323538	20.00	ng	0.00
76) Chrysene-d12	14.04	240	246545	20.00	ng	0.00
87) Perylene-d12	15.52	264	184953	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	627306	99.07	ng	0.00
7) Phenol-d6	6.52	99	775353	95.01	ng	0.00
23) Nitrobenzene-d5	7.43	82	463539	66.71	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	211215	94.90	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	870407	74.18	ng	0.00
79) Terphenyl-d14	12.99	244	974782	75.05	ng	0.00
Target Compounds						
9) Benzaldehyde	6.41	77	1309	Below Cal		Qvalue
25) Isophorone	7.43	82	456240	40.547 ng	#	30
50) Dimethylphthalate	9.62	163	45743	3.559 ng	#	65
51) 2,6-Dinitrotoluene	9.91	165	22483	7.822 ng	#	97
57) 2,4-Dinitrotoluene	9.91	165	22483	6.053 ng	#	26
67) 4-Bromophenyl-phenylether	10.70	248	13230	3.157 ng	#	27
84) Bis(2-ethylhexyl)phthalate	14.01	149	80085	8.503 ng	#	1
					#	91

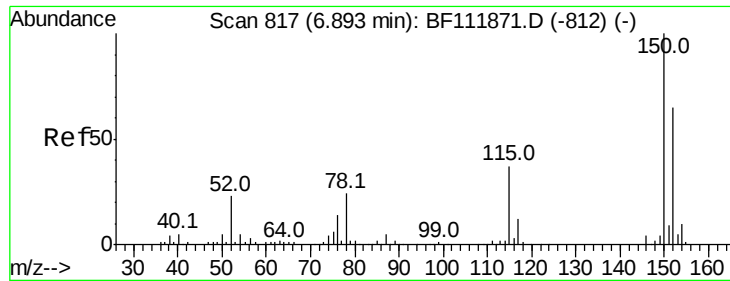
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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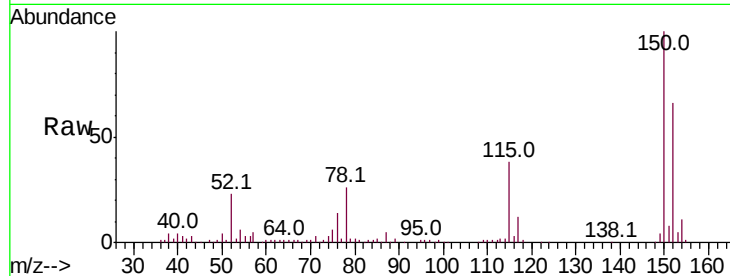


#1

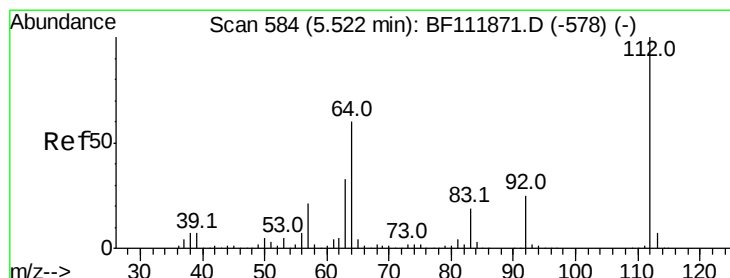
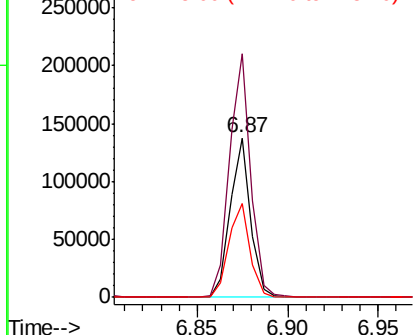
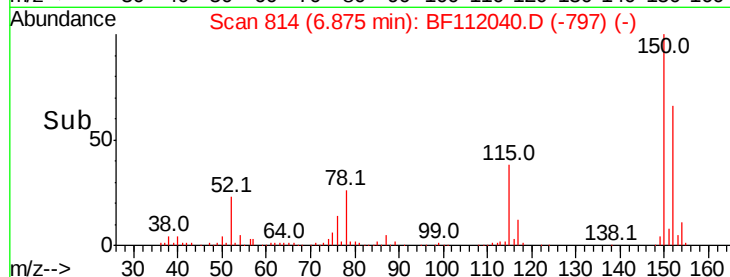
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF112040.D
Acq: 12 Jan 2019 3:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 108326
Ion Ratio Lower Upper
152 100
150 152.6 122.7 184.1
115 58.5 45.2 67.8



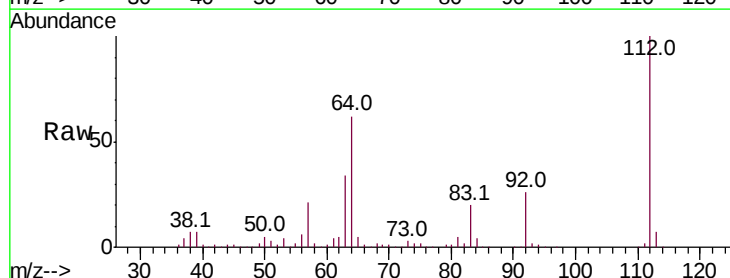
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



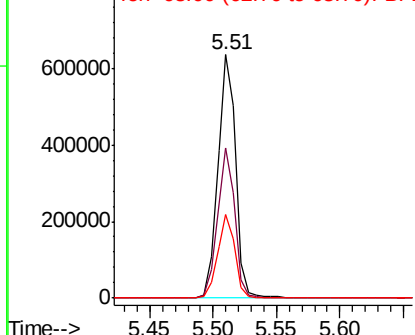
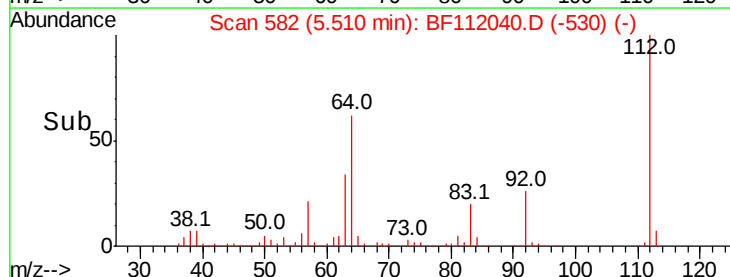
#5

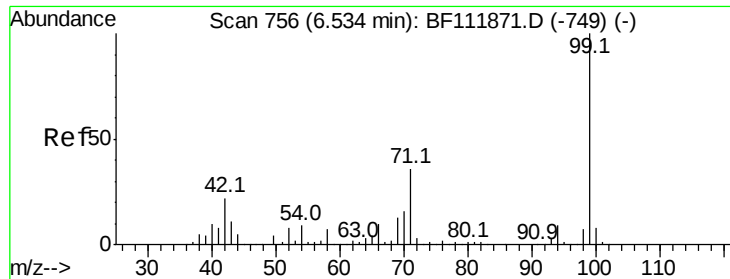
2-Fluorophenol
Concen: 99.072 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF112040.D
Acq: 12 Jan 2019 3:02

Tgt Ion:112 Resp: 627306
Ion Ratio Lower Upper
112 100
64 61.7 48.3 72.5
63 34.2 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: 95.007 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF112040.D

Acq: 12 Jan 2019 3:02

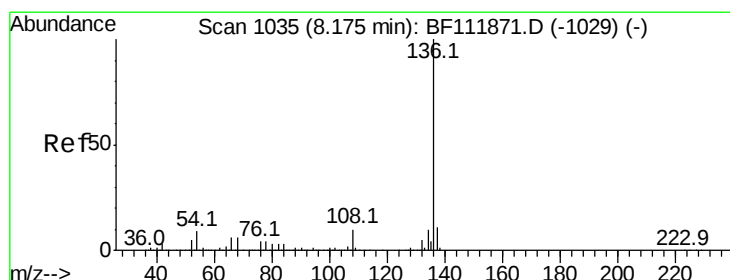
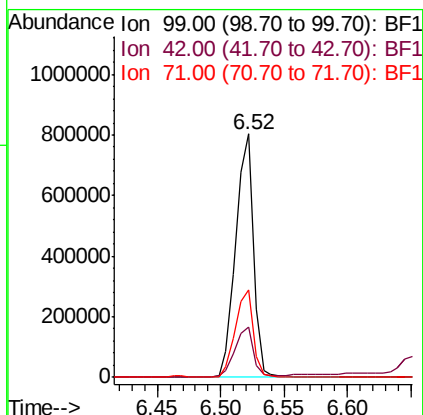
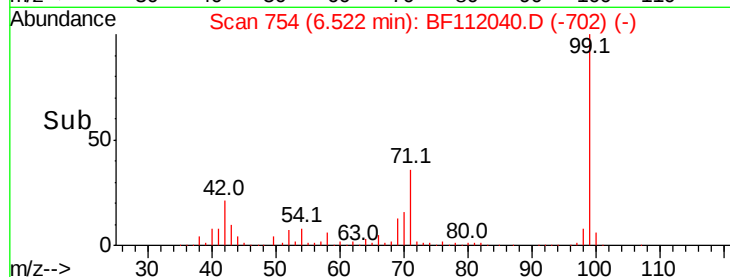
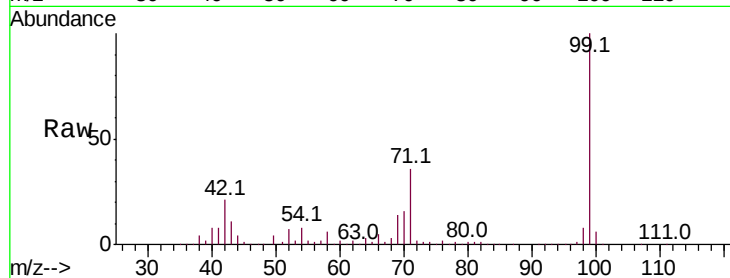
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 775353

Ion	Ratio	Lower	Upper
99	100		
42	20.6	17.9	26.9
71	35.9	28.7	43.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

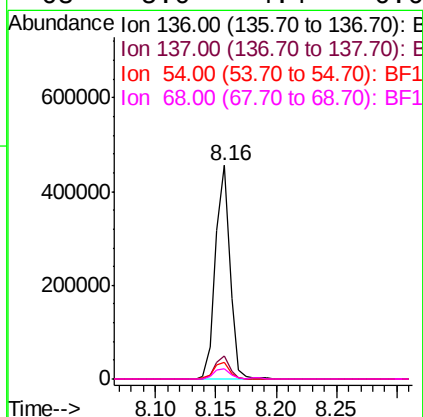
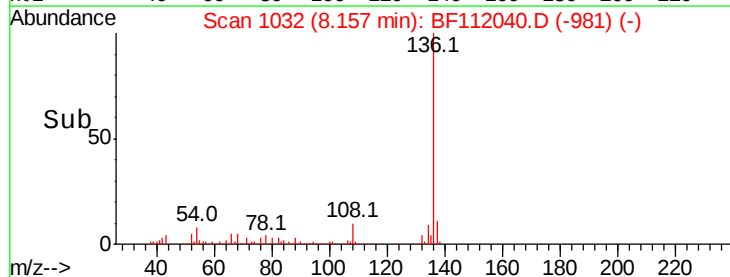
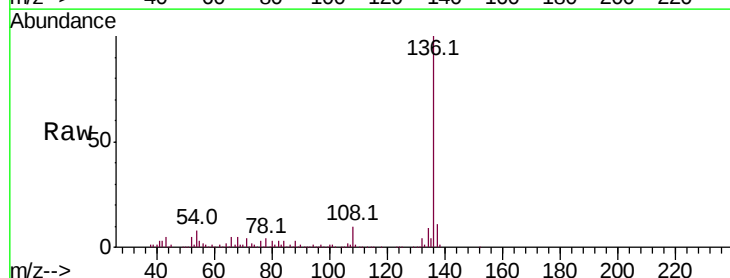
Delta R.T. -0.00 min

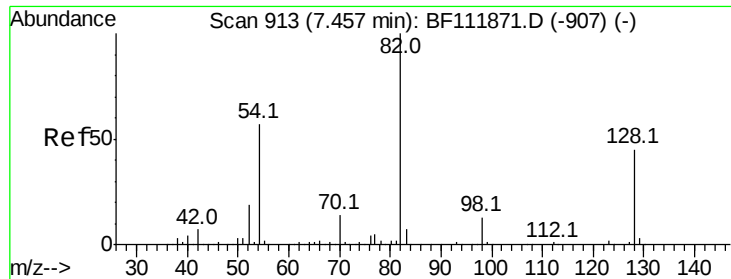
Lab File: BF112040.D

Acq: 12 Jan 2019 3:02

Tgt Ion: 136 Resp: 371378

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	7.8	7.2	10.8
68	5.0	4.4	6.6

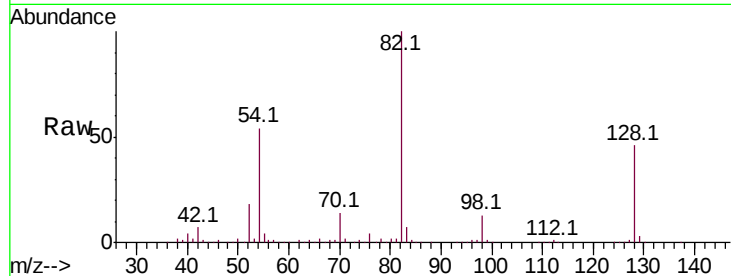




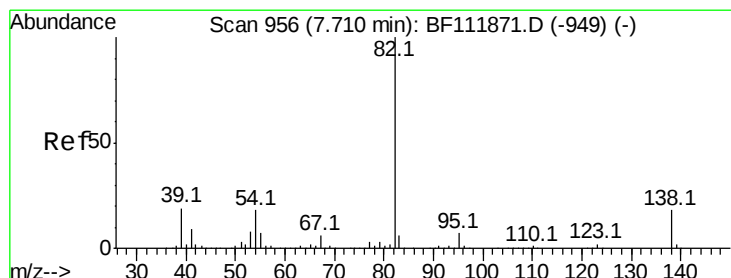
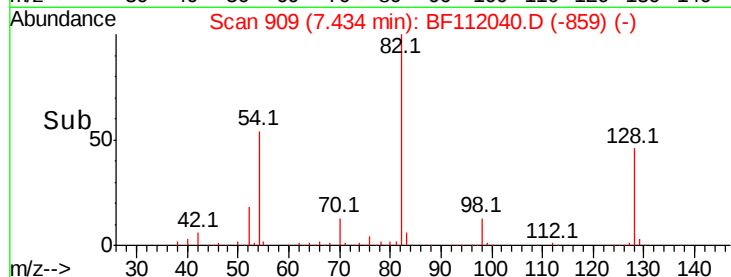
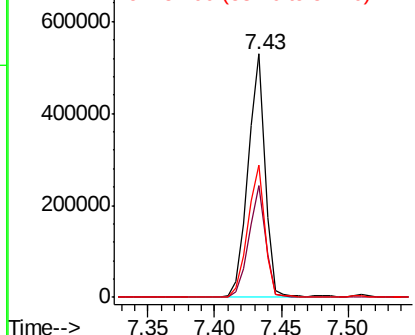
#23
Nitrobenzene-d5
Concen: 66.708 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF112040.D
Acq: 12 Jan 2019 3:02

Instrument :
BNA_G
ClientSampled :

Tot Ion	82	Resp	463539
Ion Ratio	Lower	Upper	
82	100		
128	45.7	35.7	53.5
54	54.3	45.8	68.8

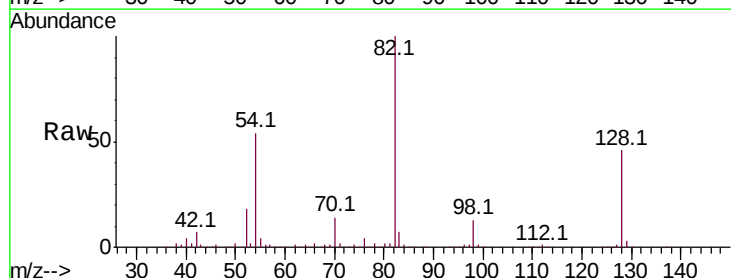


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

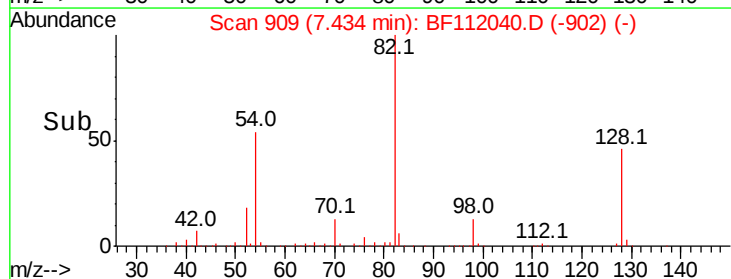
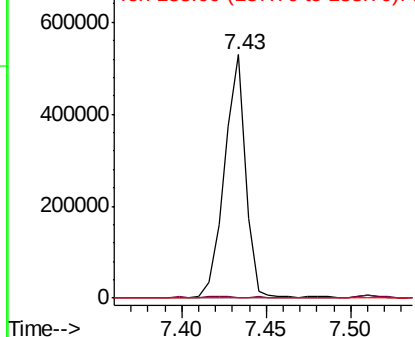


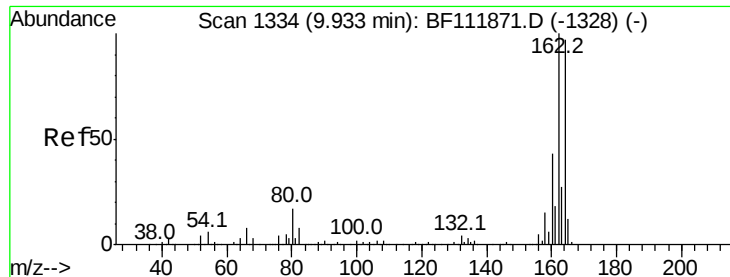
#25
Isophorone
Concen: 40.547 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.26 min
Lab File: BF112040.D
Acq: 12 Jan 2019 3:02

Tgt Ion	82	Resp	456240
Ion Ratio	Lower	Upper	
82	100		
95	0.4	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

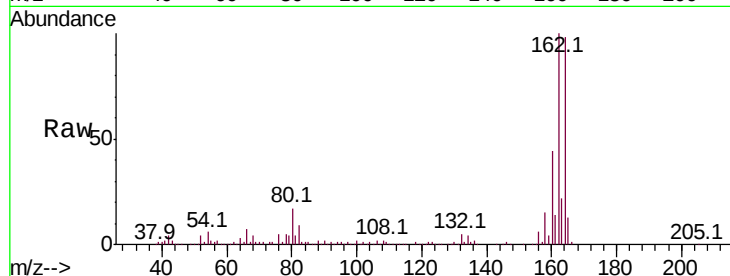




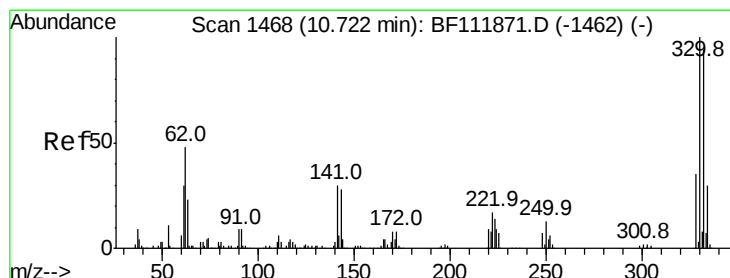
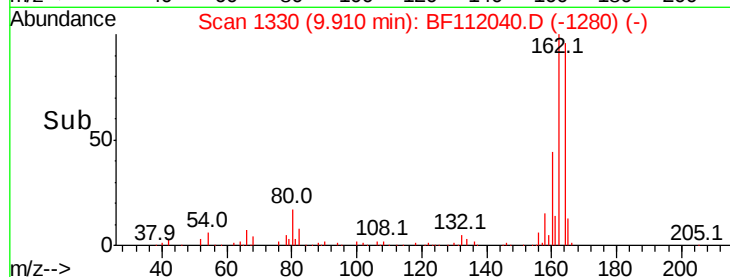
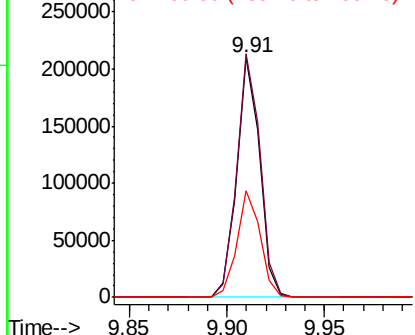
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF112040.D
 Acq: 12 Jan 2019 3:02

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:164 Resp: 171108
 Ion Ratio Lower Upper
 164 100
 162 101.7 82.2 123.2
 160 44.6 35.5 53.3

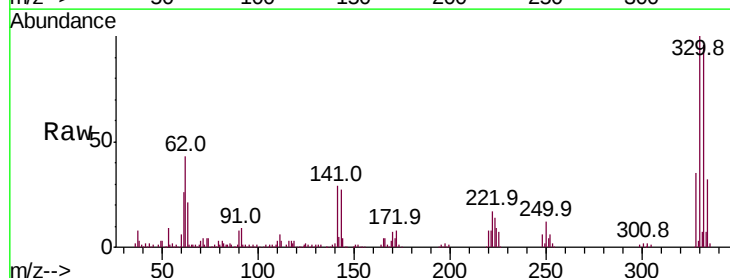


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

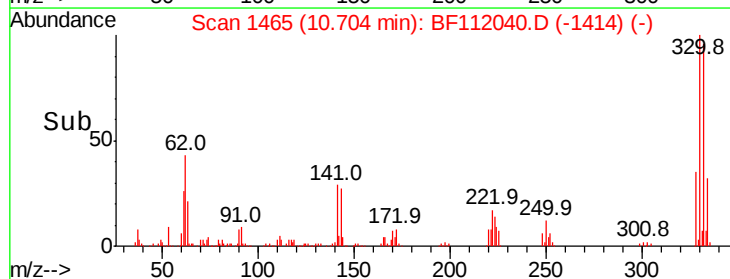
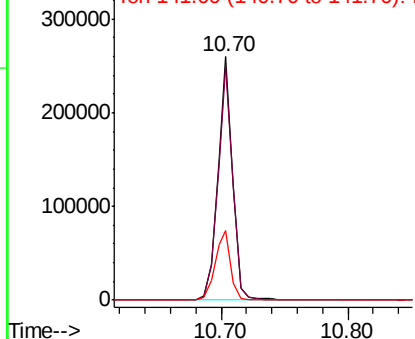


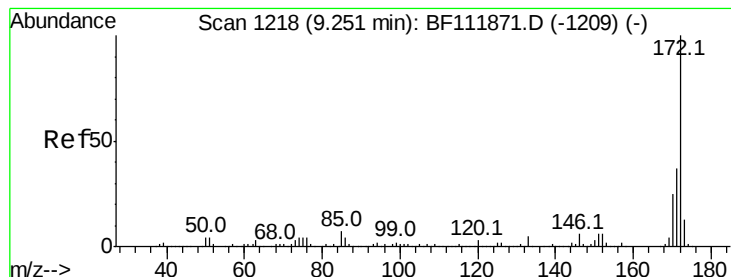
#42
 2,4,6-Tribromophenol
 Concen: 94.903 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: BF112040.D
 Acq: 12 Jan 2019 3:02

Tgt Ion:330 Resp: 211215
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.9 115.3
 141 30.8 23.7 35.5



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: 74.177 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.00 min

Lab File: BF112040.D

Acq: 12 Jan 2019 3:02

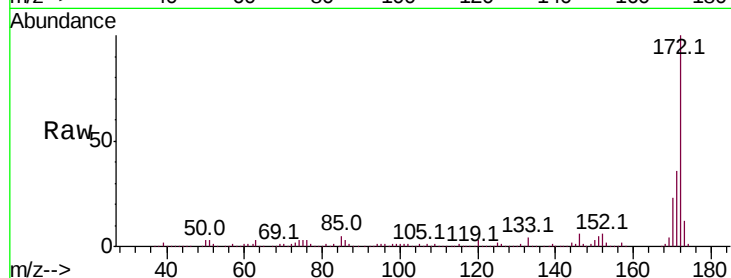
Instrument :

BNA_G

ClientSampleId :

Tot Ion:172 Resp: 870407

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.0	19.8	29.8

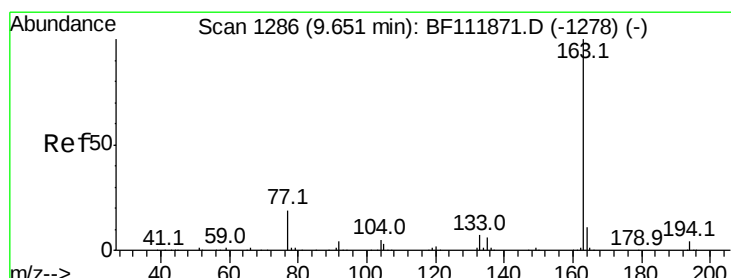
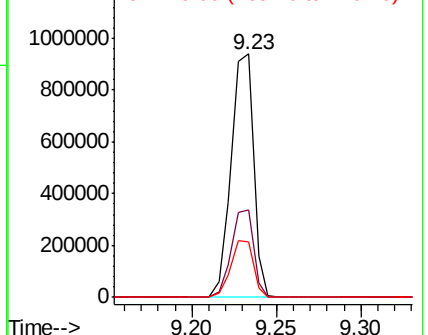
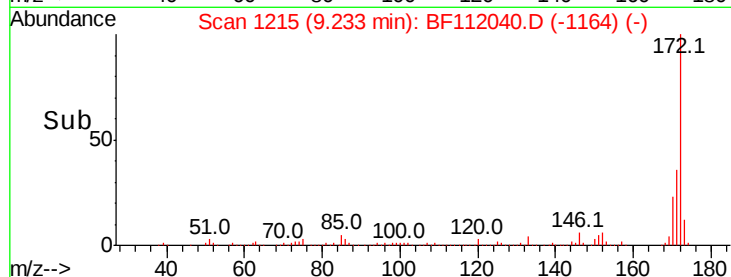


Abundance

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



#50

Dimethylphthalate

Concen: 3.559 ng

RT: 9.62 min Scan# 1281

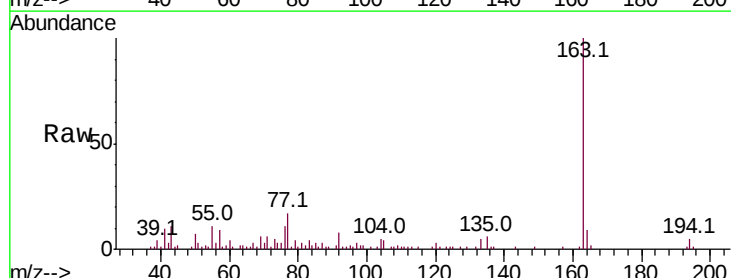
Delta R.T. -0.01 min

Lab File: BF112040.D

Acq: 12 Jan 2019 3:02

Tgt Ion:163 Resp: 45743

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.4	5.2
164	9.2	8.5	12.7

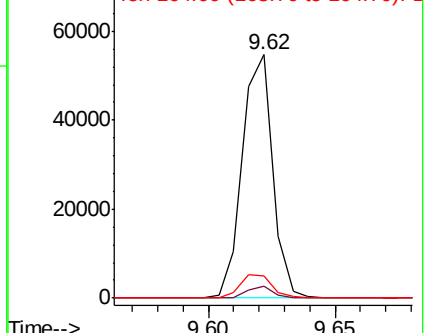
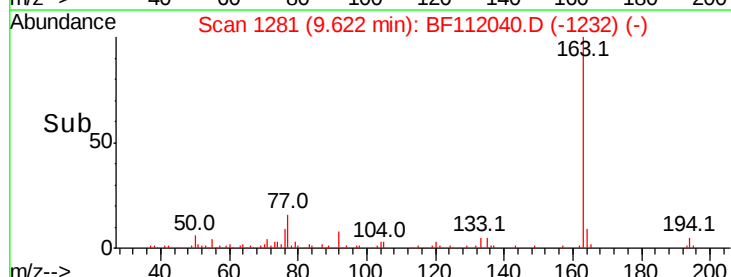


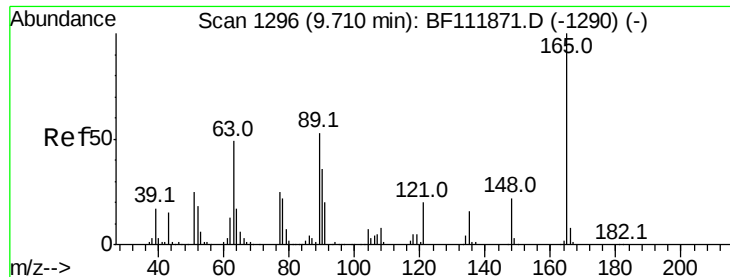
Abundance

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





#51

2,6-Dinitrotoluene

Concen: 7.822 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.22 min

Lab File: BF112040.D

Acq: 12 Jan 2019 3:02

Instrument :

BNA_G

ClientSampleId :

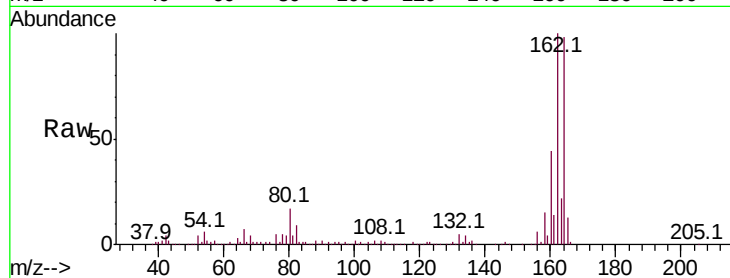
Tot Ion:165 Resp: 22483

Ion Ratio Lower Upper

165 100

63 1.8 46.2 69.2#

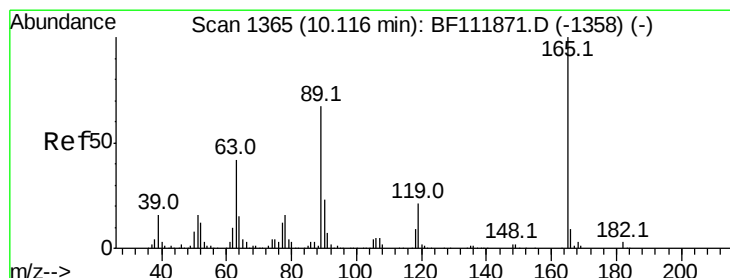
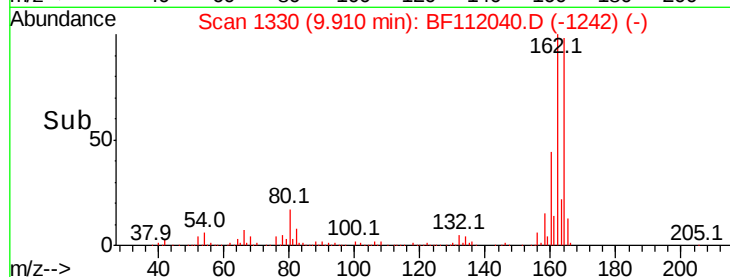
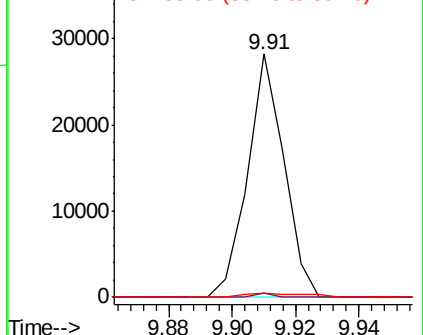
89 1.6 42.2 63.2#



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: 6.053 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.19 min

Lab File: BF112040.D

Acq: 12 Jan 2019 3:02

Tgt Ion:165 Resp: 22483

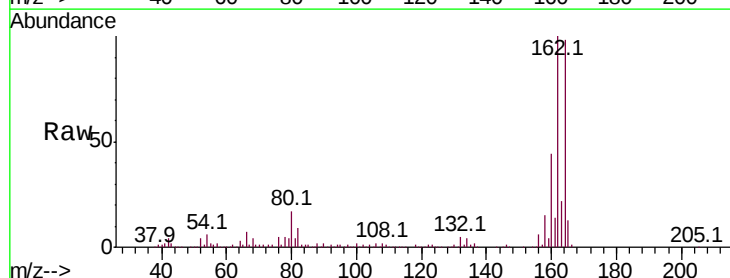
Ion Ratio Lower Upper

165 100

63 1.8 34.1 51.1#

89 1.6 53.5 80.3#

182 0.0 2.0 3.0#

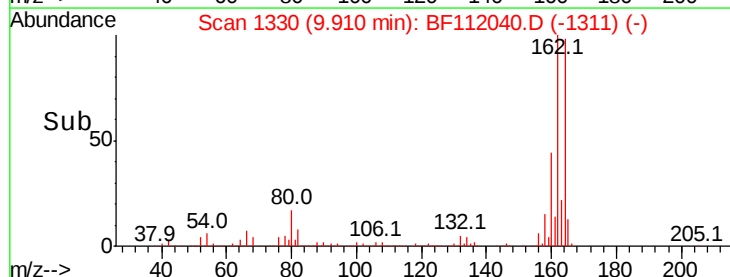
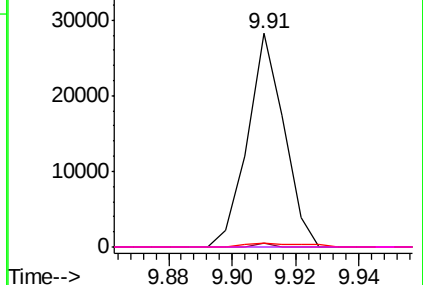


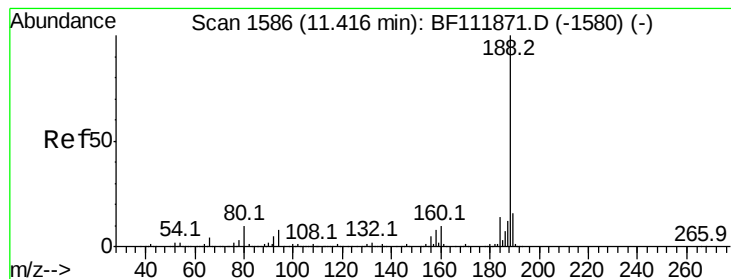
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF112040.D

Acq: 12 Jan 2019 3:02

Instrument :

BNA_G

ClientSampled :

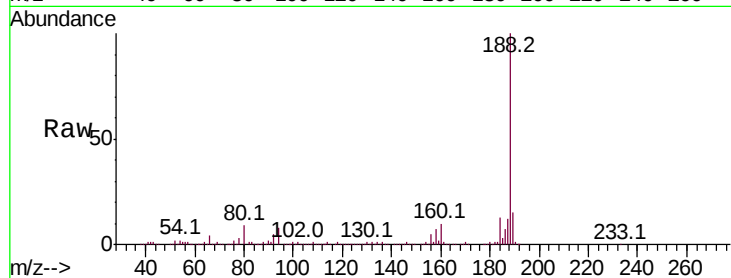
Tot Ion:188 Resp: 323538

Ion Ratio Lower Upper

188 100

94 8.2 6.6 10.0

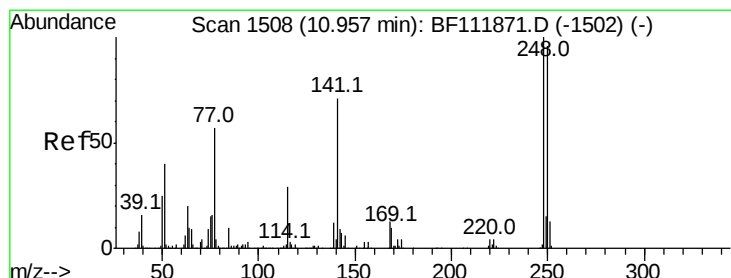
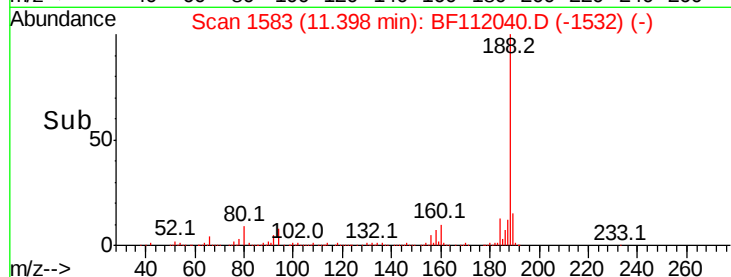
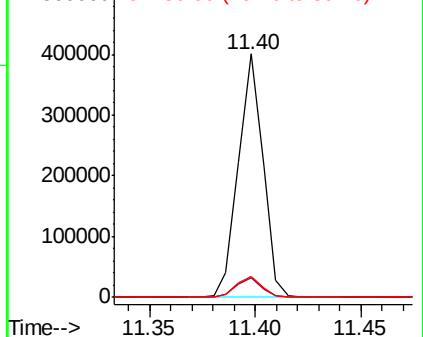
80 8.8 7.7 11.5



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: 3.157 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.24 min

Lab File: BF112040.D

Acq: 12 Jan 2019 3:02

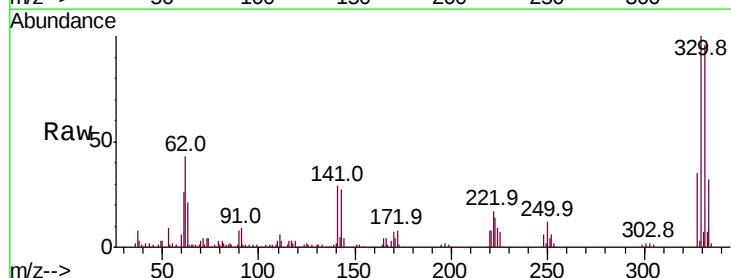
Tgt Ion:248 Resp: 13230

Ion Ratio Lower Upper

248 100

250 197.5 76.8 115.2#

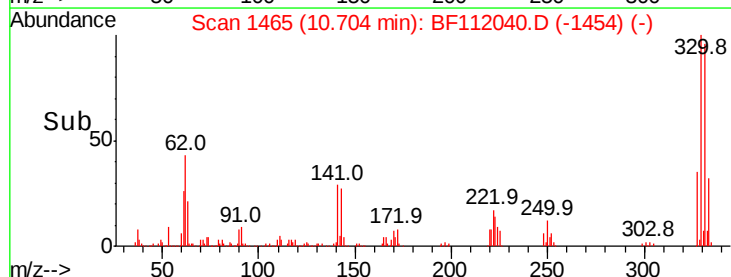
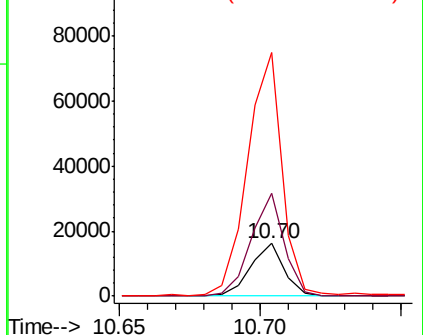
141 464.9 57.0 85.6#

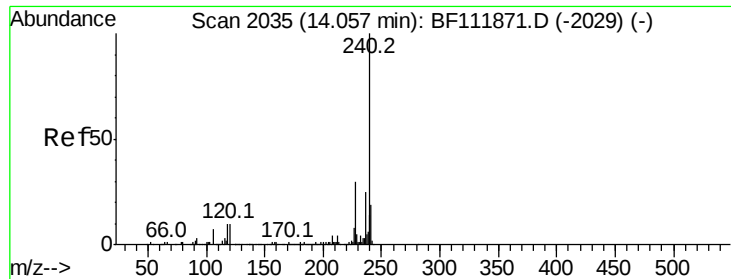


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

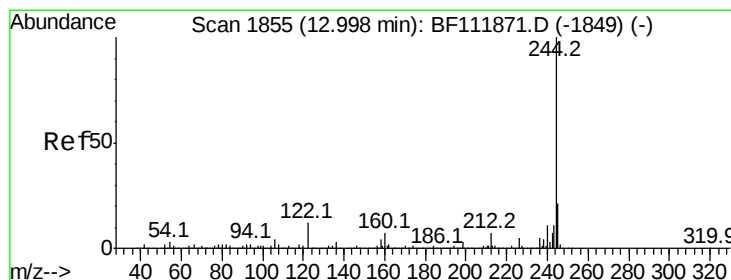
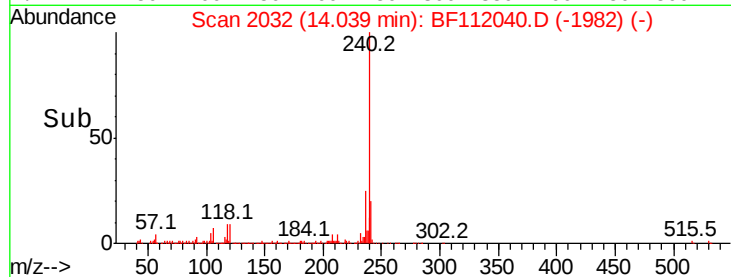
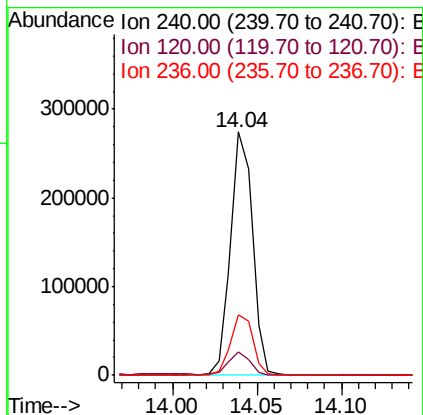
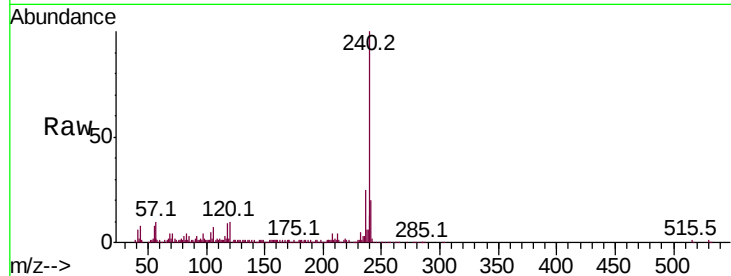




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF112040.D
Acq: 12 Jan 2019 3:02

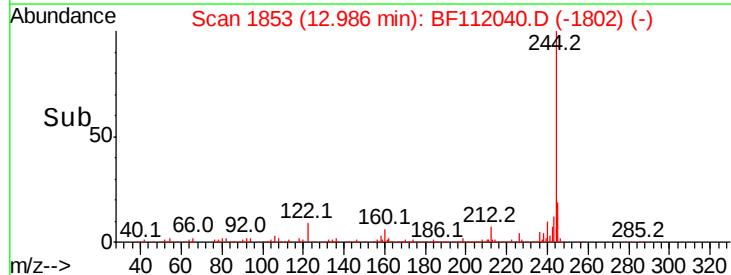
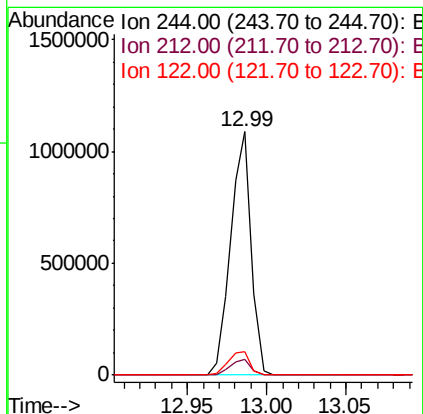
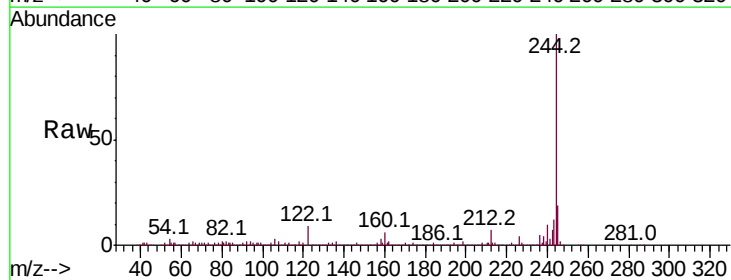
Instrument :
BNA_G
ClientSampleId :

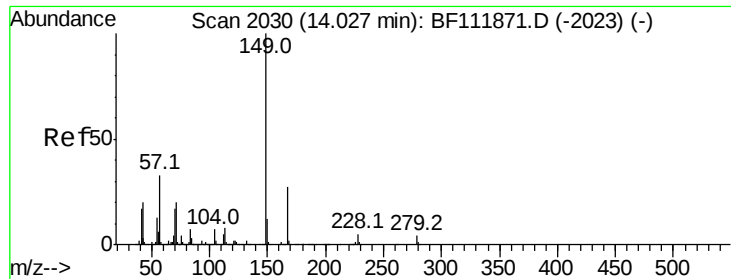
Tot Ion:240 Resp: 246545
Ion Ratio Lower Upper
240 100
120 9.5 8.2 12.2
236 24.8 20.2 30.4



#79
Terphenyl-d14
Concen: 75.051 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.00 min
Lab File: BF112040.D
Acq: 12 Jan 2019 3:02

Tgt Ion:244 Resp: 974782
Ion Ratio Lower Upper
244 100
212 6.6 5.8 8.8
122 9.4 9.5 14.3#





#84

Bis(2-ethylhexyl)phthalate

Concen: 8.503 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF112040.D

Acq: 12 Jan 2019 3:02

Instrument :

BNA_G

ClientSampleId :

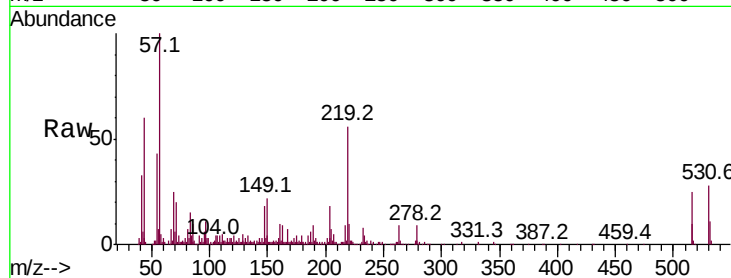
Tot Ion:149 Resp: 80085

Ion Ratio Lower Upper

149 100

167 30.6 21.5 32.3

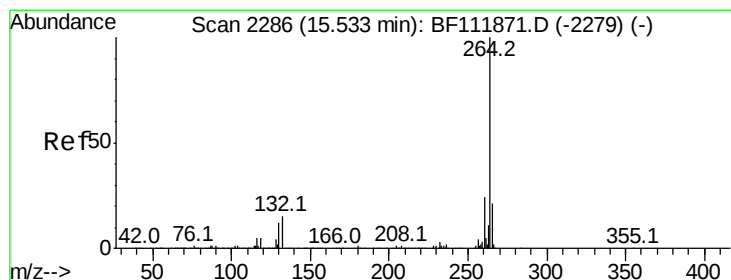
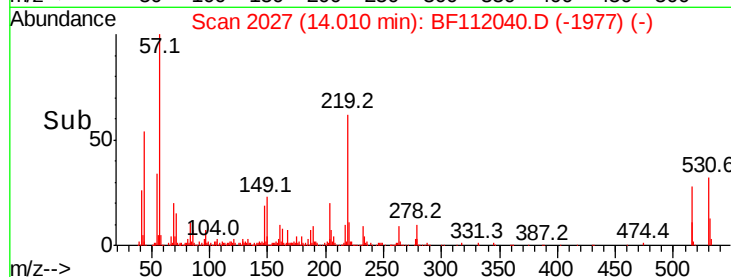
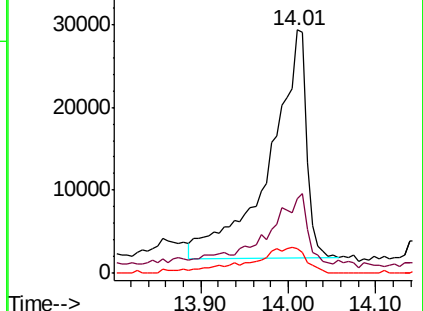
279 10.3 3.0 4.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2284

Delta R.T. 0.01 min

Lab File: BF112040.D

Acq: 12 Jan 2019 3:02

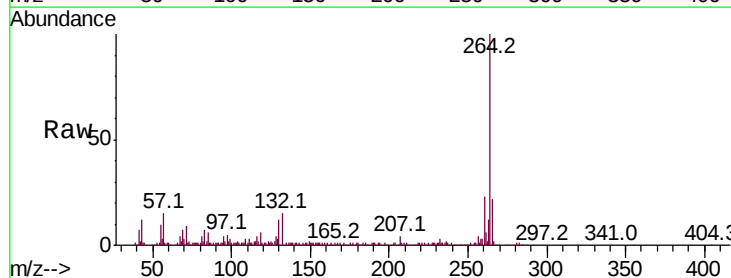
Tgt Ion:264 Resp: 184953

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 22.2 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

