

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110918\
 Data File : BN003476.D
 Acq On : 09 Nov 2018 17:36
 Operator : MJ/SJ
 Sample : J5860-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EP2-SB-104(15-17)

Quant Time: Nov 12 03:19:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN102418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 07 08:25:32 2018
 Response via : Initial Calibration

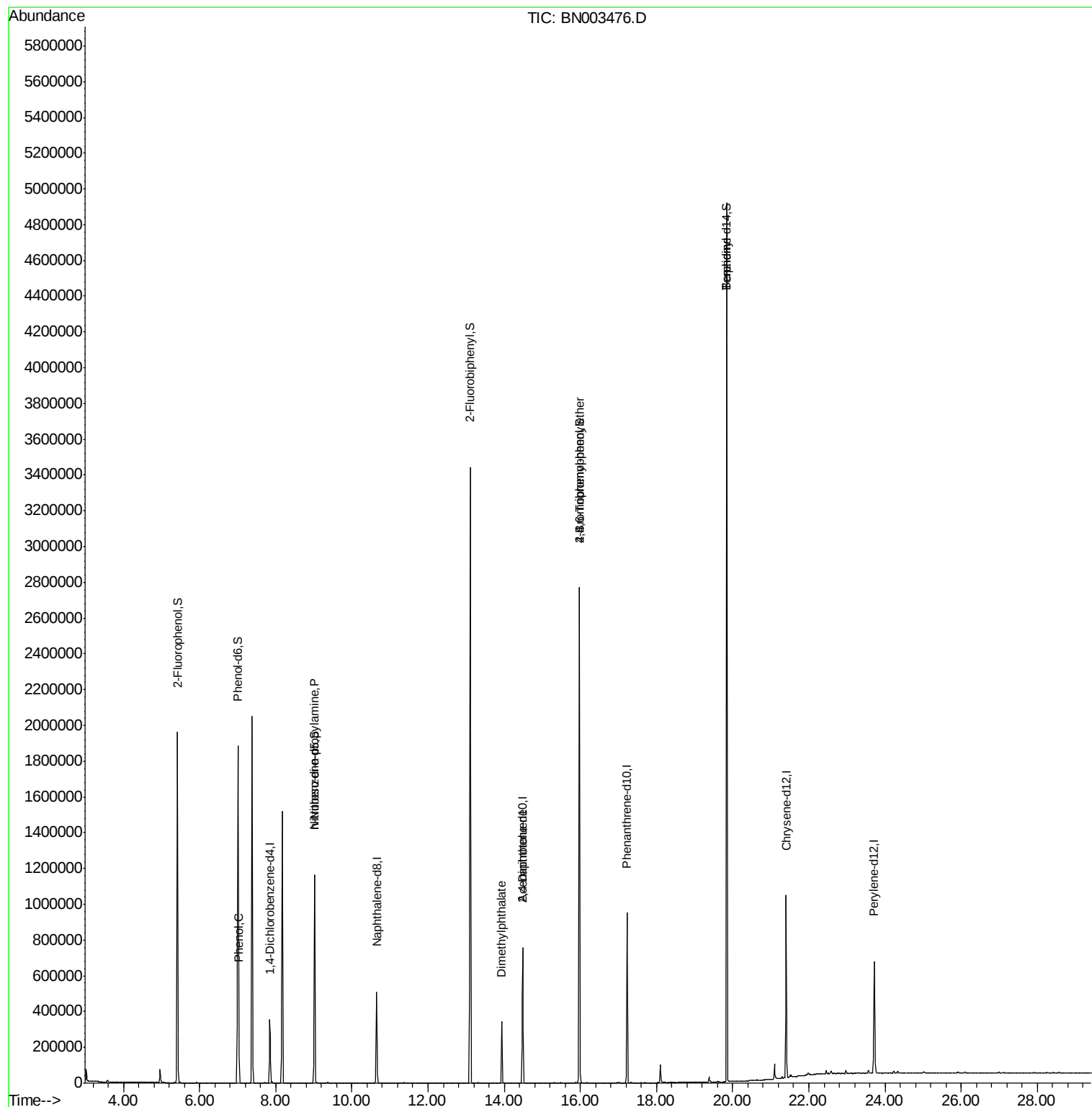
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	103425	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	438792	20.00	ng	0.00
39) Acenaphthene-d10	14.49	164	257925	20.00	ng	0.00
64) Phenanthrene-d10	17.23	188	557774	20.00	ng	0.00
76) Chrysene-d12	21.40	240	450418	20.00	ng	0.00
87) Perylene-d12	23.72	264	451946	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	875082	147.37	ng	0.00
7) Phenol-d6	7.01	99	1185449	140.40	ng	0.00
23) Nitrobenzene-d5	9.02	82	681886	89.12	ng	0.00
42) 2,4,6-Tribromophenol	15.97	330	583606	168.04	ng	0.00
45) 2-Fluorobiphenyl	13.10	172	1811674	95.28	ng	0.00
79) Terphenyl-d14	19.85	244	2344388	111.31	ng	0.00
Target Compounds						
10) Phenol	7.03	94	87008	9.765	ng	98
19) n-Nitroso-di-n-propylamine	9.02	70	86246	14.165	ng	# 75
50) Dimethylphthalate	13.93	163	233548	11.199	ng	100
57) 2,4-Dinitrotoluene	14.49	165	33168	5.168	ng	# 21
67) 4-Bromophenyl-phenylether	15.97	248	37944	6.040	ng	# 1
77) Benzidine	19.85	184	28187	2.138	ng	# 93

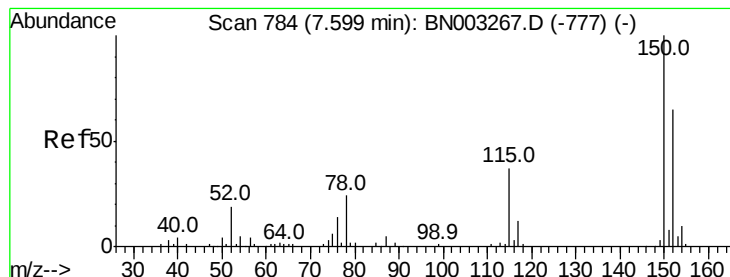
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110918\
Data File : BN003476.D
Acq On : 09 Nov 2018 17:36
Operator : MJ/SJ
Sample : J5860-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EP2-SB-104(15-17)

Quant Time: Nov 12 03:19:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN102418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 07 08:25:32 2018
Response via : Initial Calibration



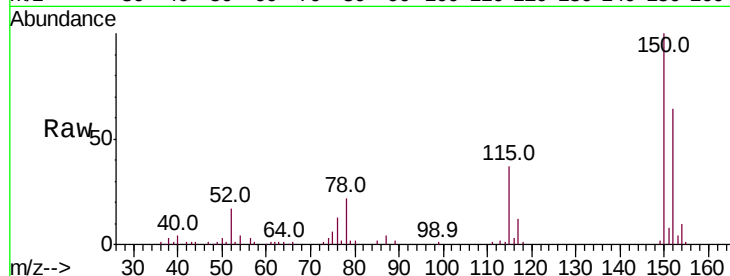


#1

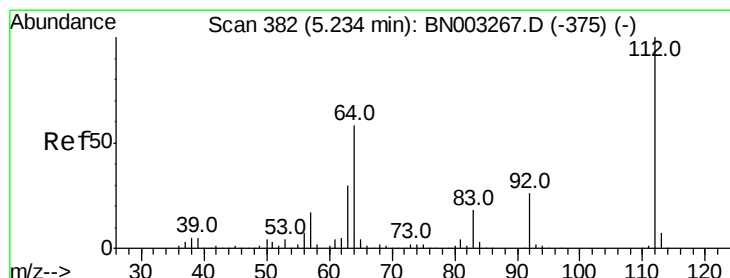
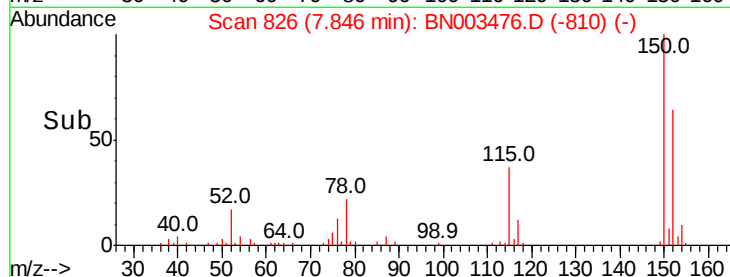
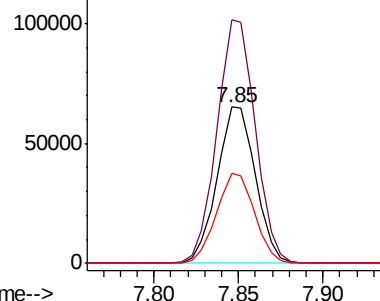
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 826
Delta R.T. -0.01 min
Lab File: BN003476.D
Acq: 09 Nov 2018 17:36

Instrument :
BNA_N
ClientSampleId :
EP2-SB-104(15-17)

Tot Ion:152 Resp: 103425
Ion Ratio Lower Upper
152 100
150 156.0 123.8 185.8
115 57.7 45.9 68.9



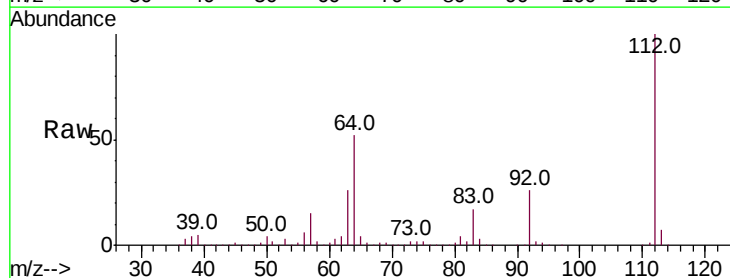
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



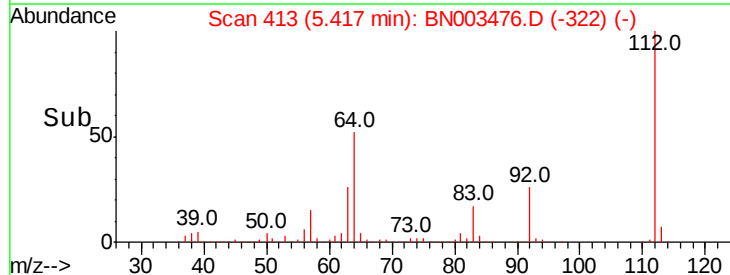
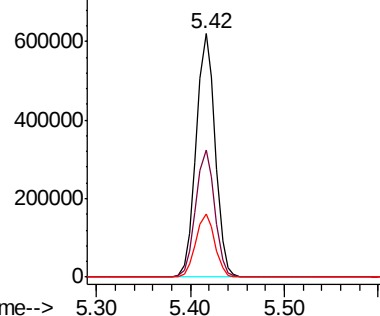
#5

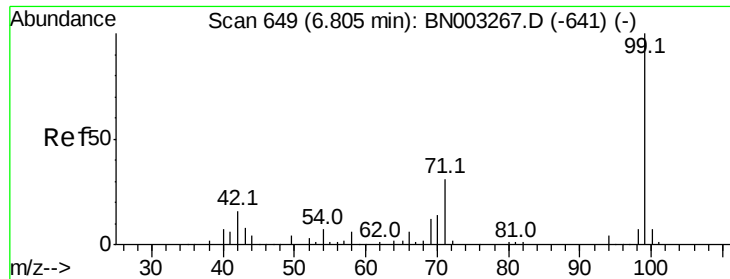
2-Fluorophenol
Concen: 147.370 ng
RT: 5.42 min Scan# 413
Delta R.T. 0.01 min
Lab File: BN003476.D
Acq: 09 Nov 2018 17:36

Tgt Ion:112 Resp: 875082
Ion Ratio Lower Upper
112 100
64 52.0 46.6 69.8
63 25.7 23.8 35.8



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





#7

Phenol-d6

Concen: 140.397 ng

RT: 7.01 min Scan# 684

Delta R.T. 0.00 min

Lab File: BN003476.D

Acq: 09 Nov 2018 17:36

Instrument :

BNA_N

ClientSampleId :

EP2-SB-104(15-17)

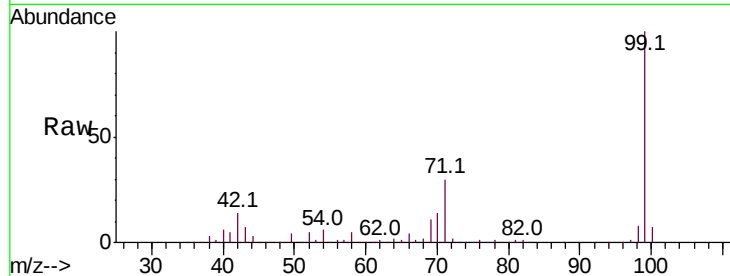
Tot Ion: 99 Resp: 1185449

Ion Ratio Lower Upper

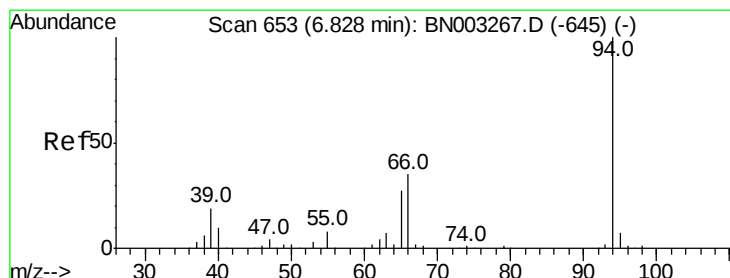
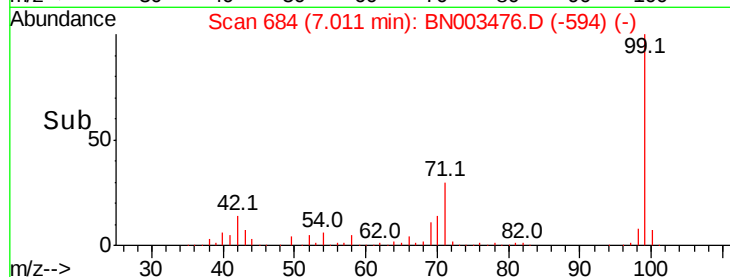
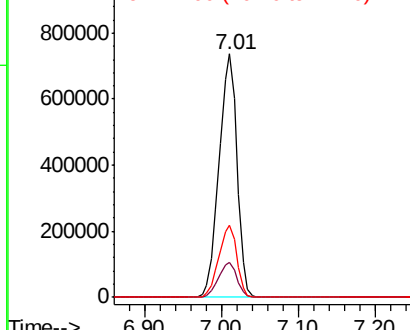
99 100

42 14.5 13.0 19.6

71 29.7 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 71.00 (70.70 to 71.70): BN0



#10

Phenol

Concen: 9.765 ng

RT: 7.03 min Scan# 688

Delta R.T. 0.00 min

Lab File: BN003476.D

Acq: 09 Nov 2018 17:36

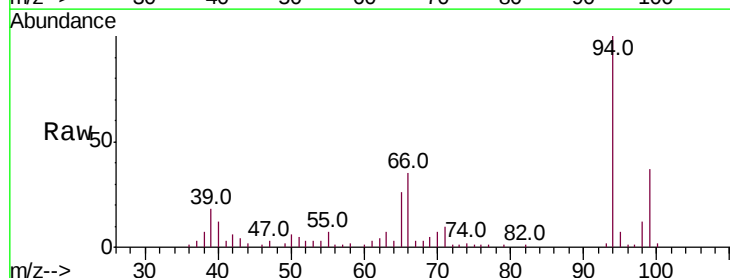
Tgt Ion: 94 Resp: 87008

Ion Ratio Lower Upper

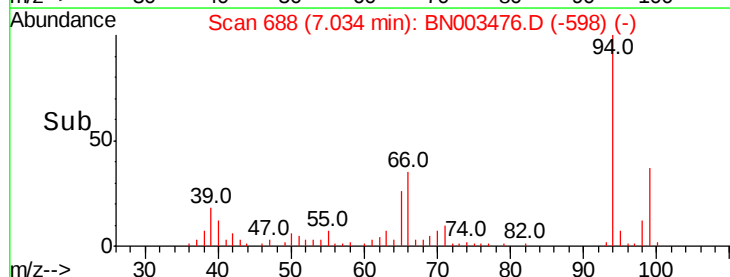
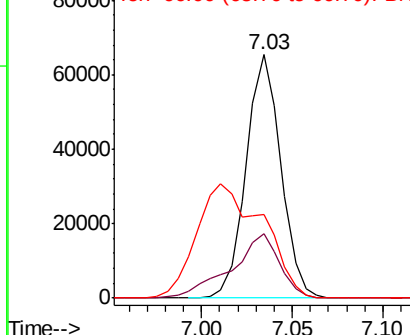
94 100

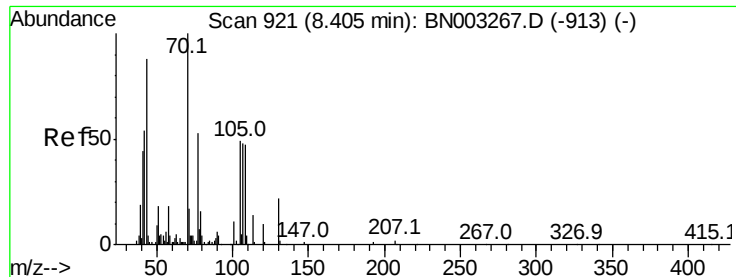
65 26.4 7.7 47.7

66 34.5 15.8 55.8



Abundance Ion 94.00 (93.70 to 94.70): BN0
Ion 65.00 (64.70 to 65.70): BN0
Ion 66.00 (65.70 to 66.70): BN0

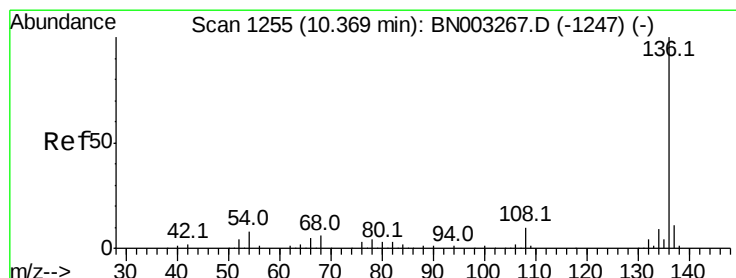
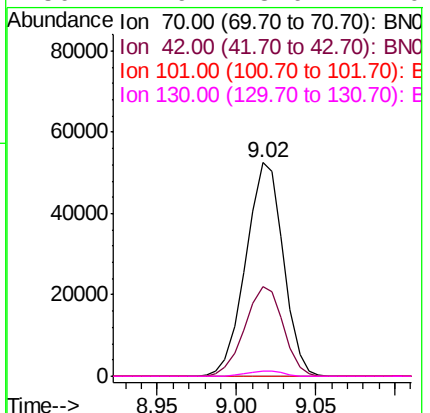
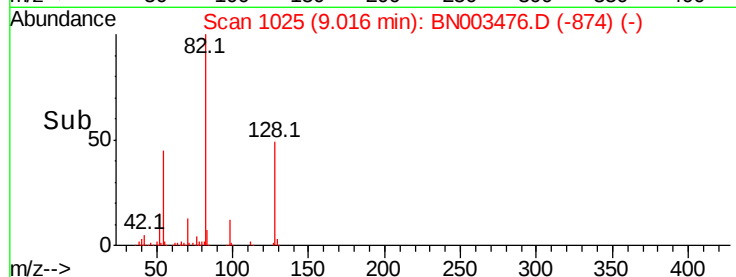
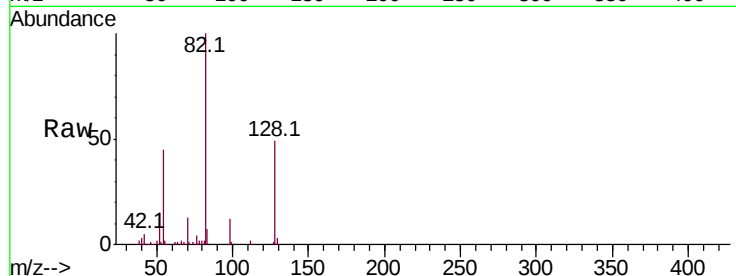




#19
n-Nitroso-di-n-propylamine
Concen: 14.165 ng
RT: 9.02 min Scan# 1025
Delta R.T. 0.36 min
Lab File: BN003476.D
Acq: 09 Nov 2018 17:36

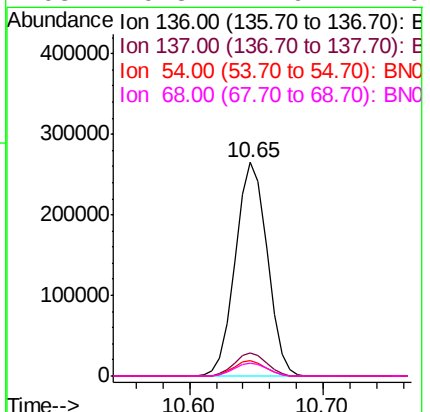
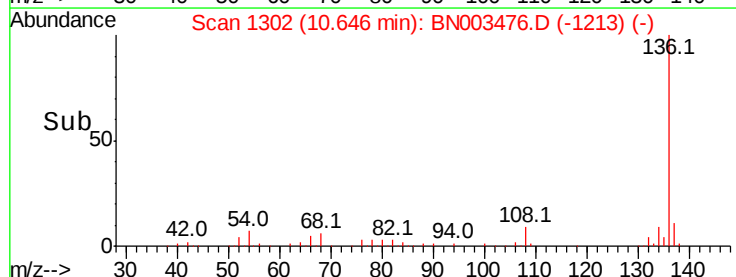
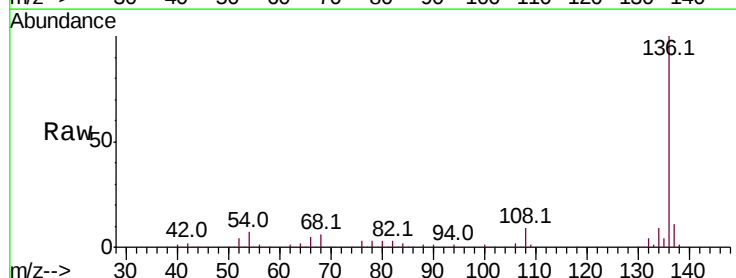
Instrument :
BNA_N
ClientSampleId :
EP2-SB-104(15-17)

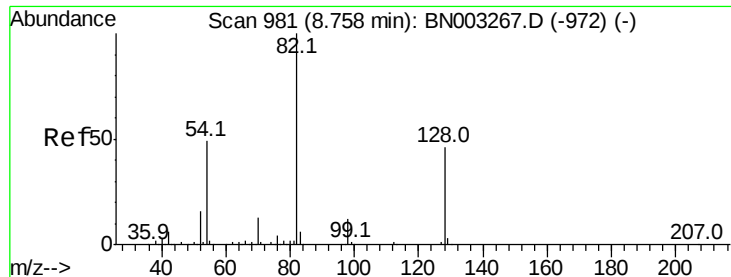
Tot Ion: 70 Resp: 86246
Ion Ratio Lower Upper
70 100
42 41.9 43.5 65.3#
101 0.0 8.6 12.8#
130 2.6 18.0 27.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.65 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BN003476.D
Acq: 09 Nov 2018 17:36

Tgt Ion: 136 Resp: 438792
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.1 6.6 10.0
68 6.3 4.6 7.0





#23

Nitrobenzene-d5

Concen: 89.121 ng

RT: 9.02 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BN003476.D

Acq: 09 Nov 2018 17:36

Instrument :

BNA_N

ClientSampleId :

EP2-SB-104(15-17)

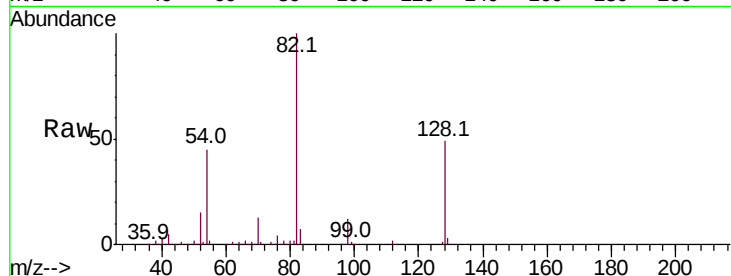
Tot Ion: 82 Resp: 681886

Ion Ratio Lower Upper

82 100

128 49.3 37.1 55.7

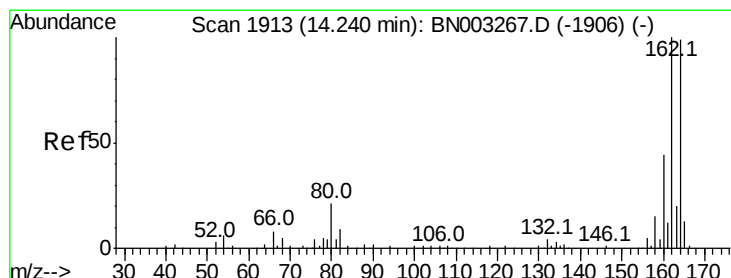
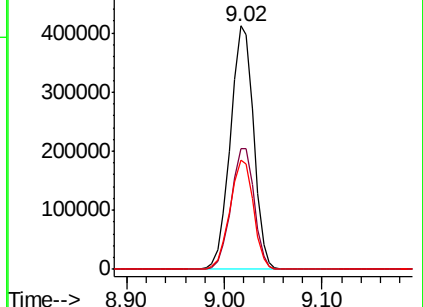
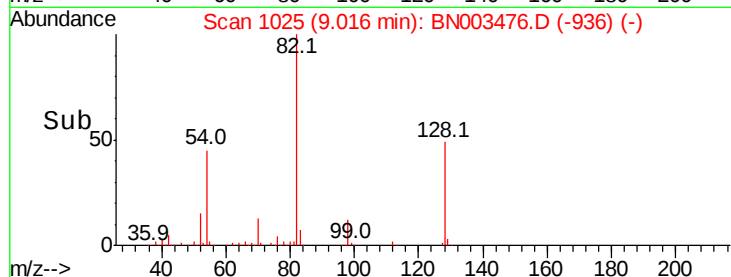
54 45.0 39.4 59.2



Abundance Ion 82.00 (81.70 to 82.70): BN003476.D (-936) (-)

Ion 128.00 (127.70 to 128.70): BN003476.D (-936) (-)

Ion 54.00 (53.70 to 54.70): BN003476.D (-936) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.49 min Scan# 1955

Delta R.T. 0.00 min

Lab File: BN003476.D

Acq: 09 Nov 2018 17:36

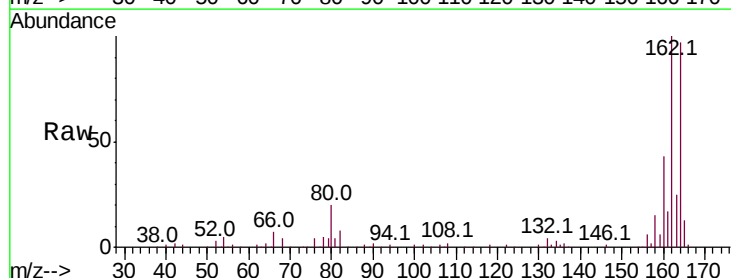
Tgt Ion: 164 Resp: 257925

Ion Ratio Lower Upper

164 100

162 102.8 80.8 121.2

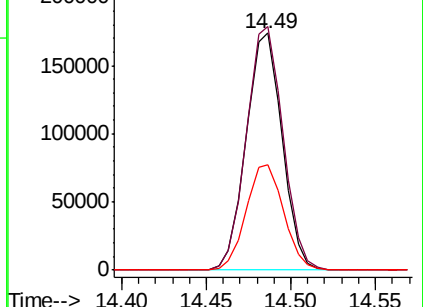
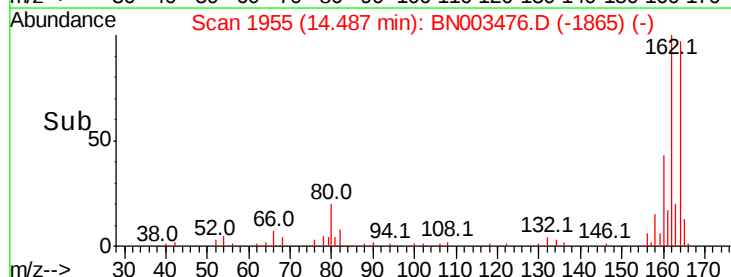
160 44.3 35.5 53.3

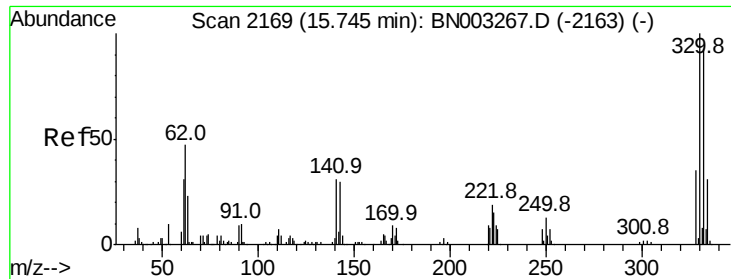


Abundance Ion 164.00 (163.70 to 164.70): BN003476.D (-1865) (-)

Ion 162.00 (161.70 to 162.70): BN003476.D (-1865) (-)

Ion 160.00 (159.70 to 160.70): BN003476.D (-1865) (-)

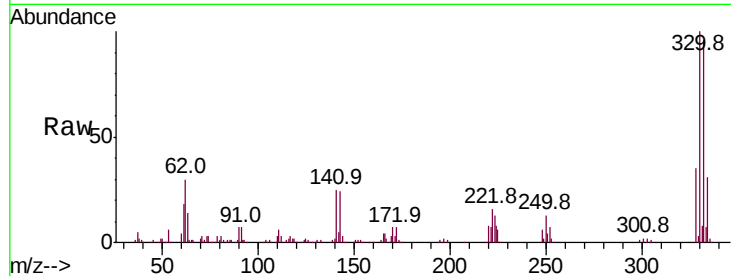




#42
 2,4,6-Tribromophenol
 Concen: 168.039 ng
 RT: 15.97 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BN003476.D
 Acq: 09 Nov 2018 17:36

Instrument :
 BNA_N
 ClientSampleId :
 EP2-SB-104(15-17)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	114.8
141	27.0	24.5	36.7

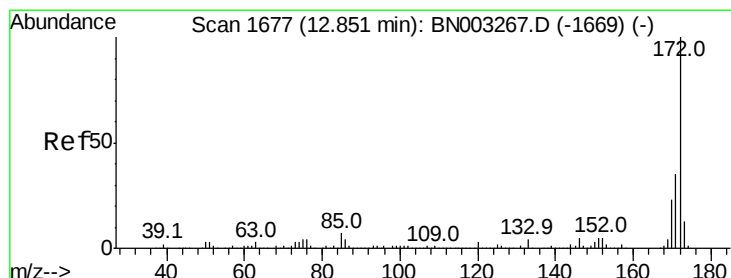
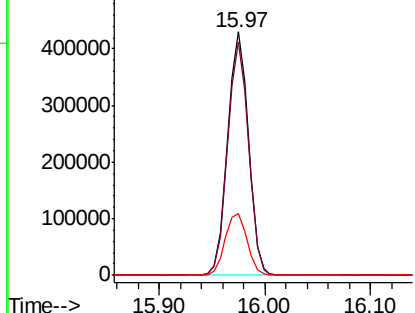
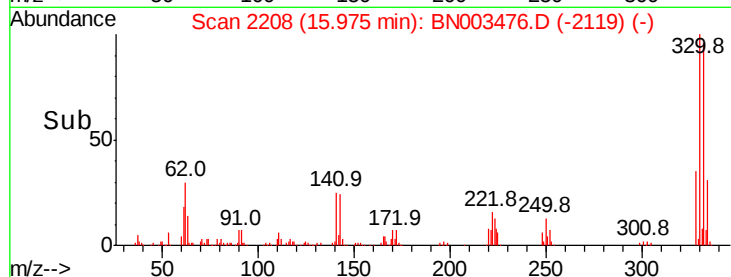


Abundance

Ion 329.80 (329.50 to 330.50): E

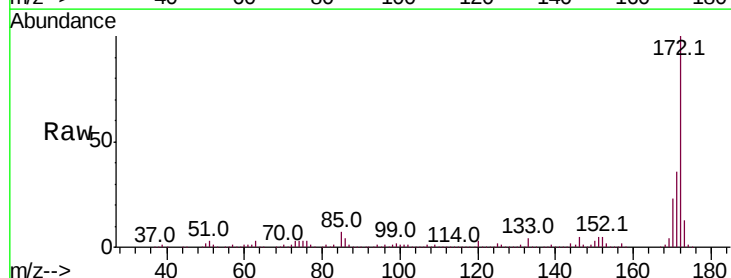
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 95.276 ng
 RT: 13.10 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BN003476.D
 Acq: 09 Nov 2018 17:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.2	42.4
170	23.4	18.4	27.6

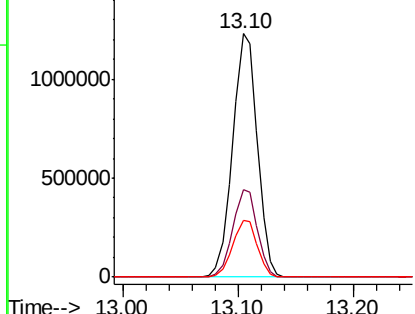
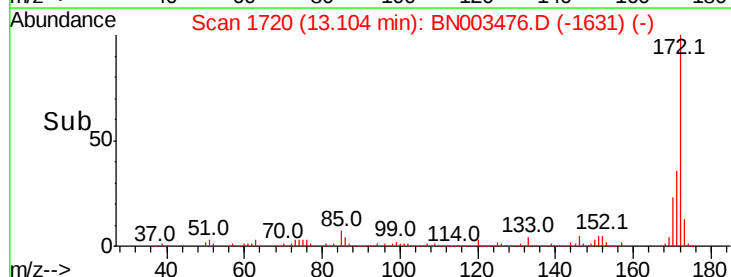


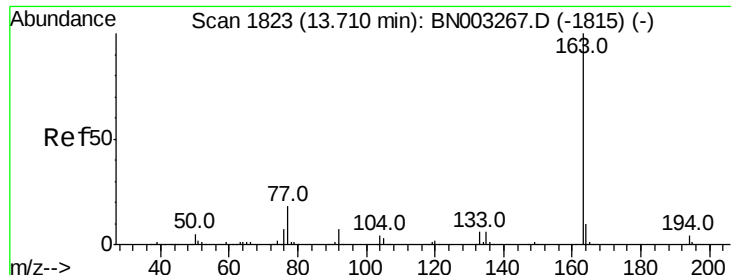
Abundance

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: 11.199 ng

RT: 13.93 min Scan# 1861

Delta R.T. -0.02 min

Lab File: BN003476.D

Acq: 09 Nov 2018 17:36

Instrument :

BNA_N

ClientSampleId :

EP2-SB-104(15-17)

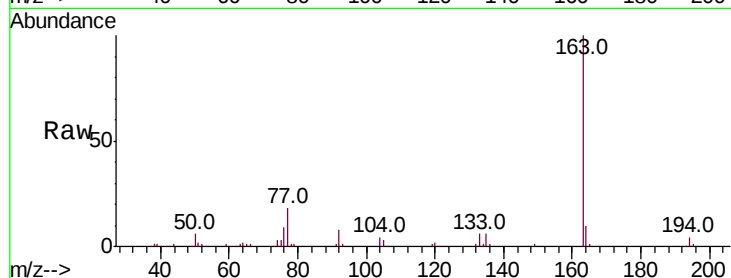
Tot Ion:163 Resp: 233548

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

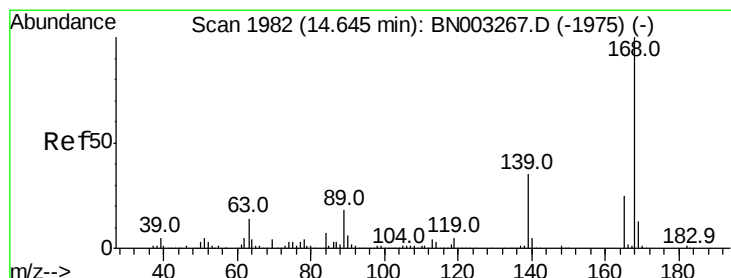
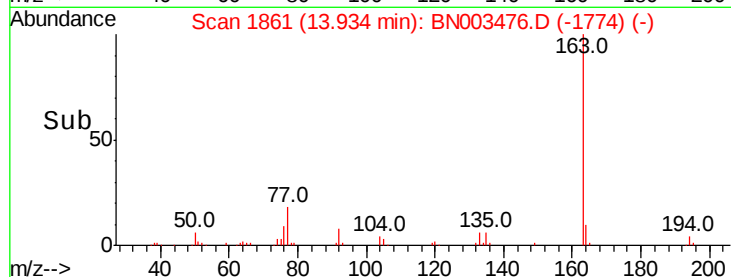
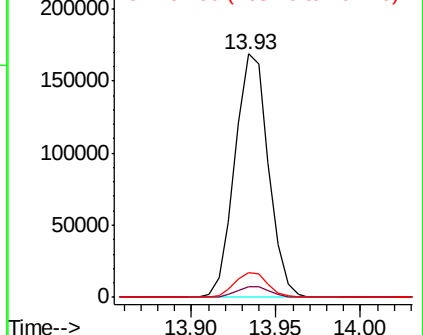
164 10.1 7.9 11.9



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



#57

2,4-Dinitrotoluene

Concen: 5.168 ng

RT: 14.49 min Scan# 1955

Delta R.T. -0.37 min

Lab File: BN003476.D

Acq: 09 Nov 2018 17:36

Tgt Ion:165 Resp: 33168

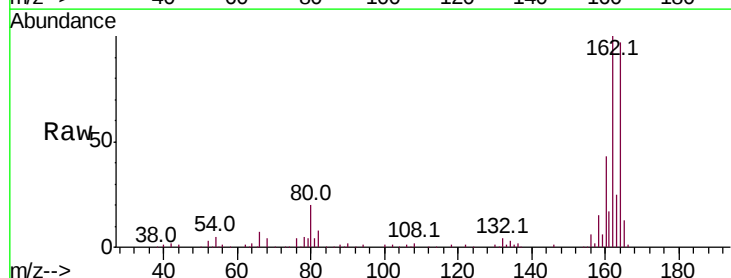
Ion Ratio Lower Upper

165 100

63 1.5 45.8 68.6#

89 1.5 58.7 88.1#

182 0.0 2.3 3.5#

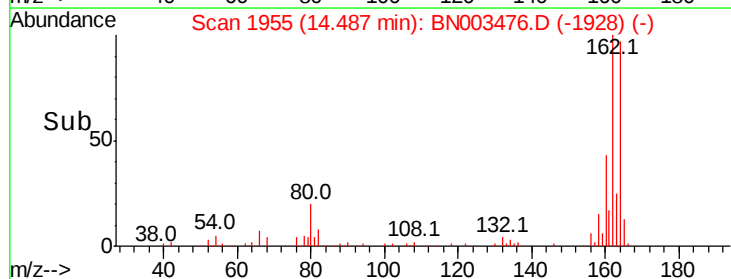
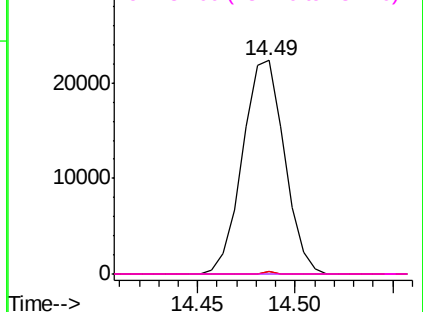


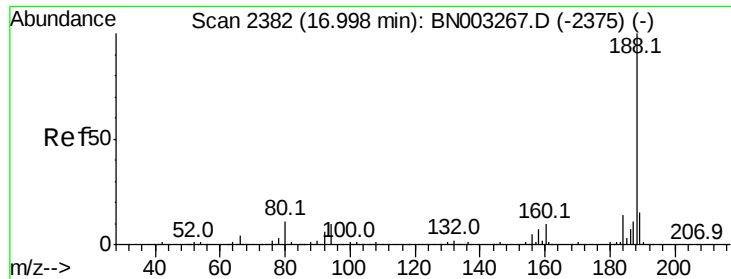
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC

Ion 182.00 (181.70 to 182.70): E

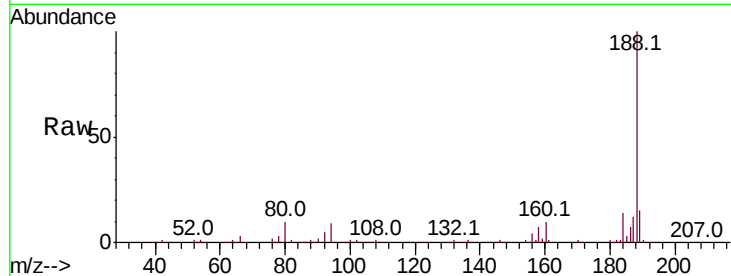




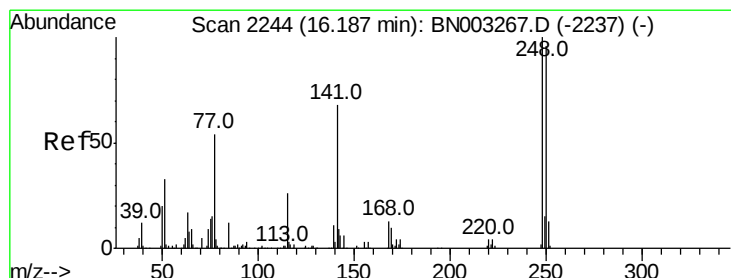
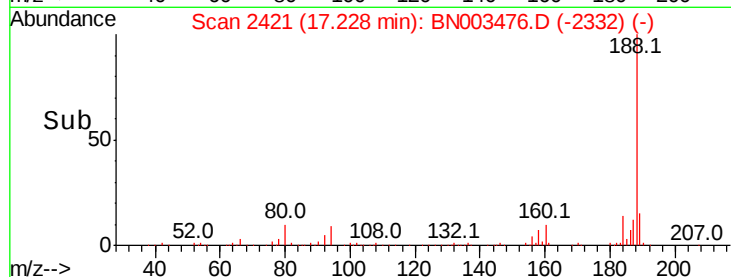
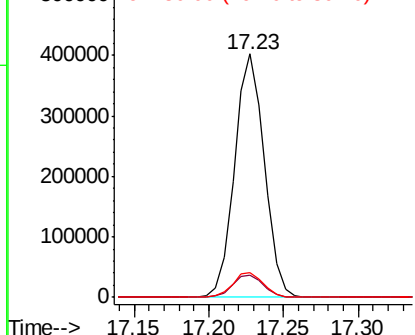
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.23 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BN003476.D
Acq: 09 Nov 2018 17:36

Instrument :
BNA_N
ClientSampleId :
EP2-SB-104(15-17)

Tot Ion:188 Resp: 557774
Ion Ratio Lower Upper
188 100
94 9.3 8.1 12.1
80 10.2 8.6 13.0

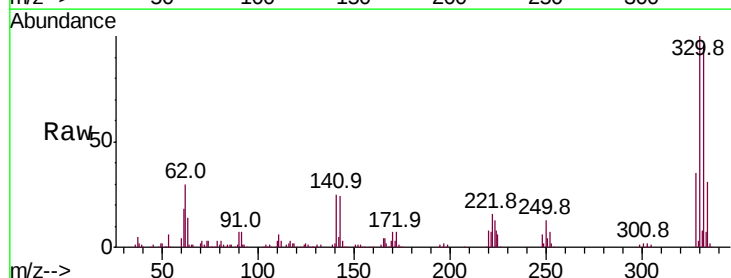


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BNC
Ion 80.00 (79.70 to 80.70): BNC

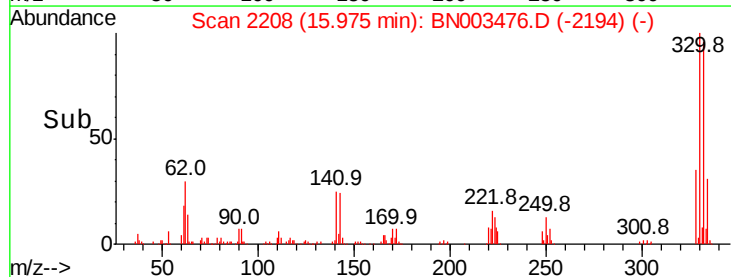
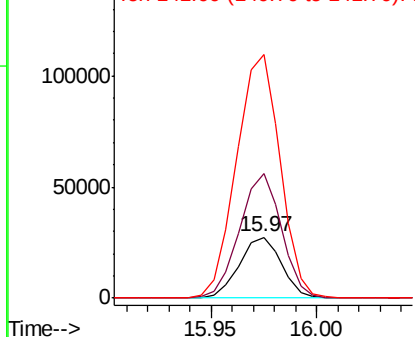


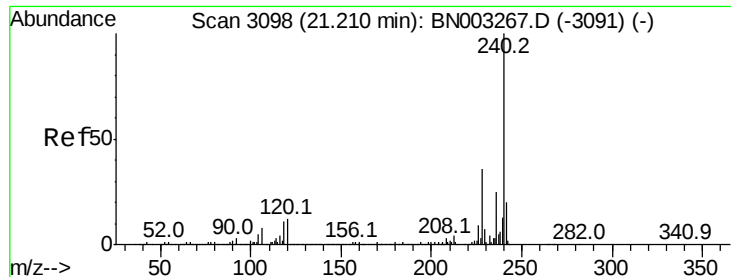
#67
4-Bromophenyl-phenylether
Concen: 6.040 ng
RT: 15.97 min Scan# 2208
Delta R.T. -0.45 min
Lab File: BN003476.D
Acq: 09 Nov 2018 17:36

Tgt Ion:248 Resp: 37944
Ion Ratio Lower Upper
248 100
250 204.0 76.4 114.6#
141 397.9 54.2 81.4#



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

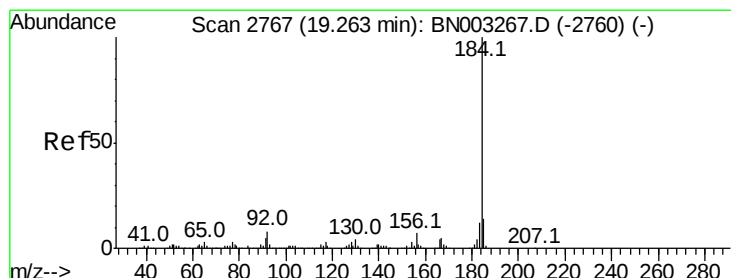
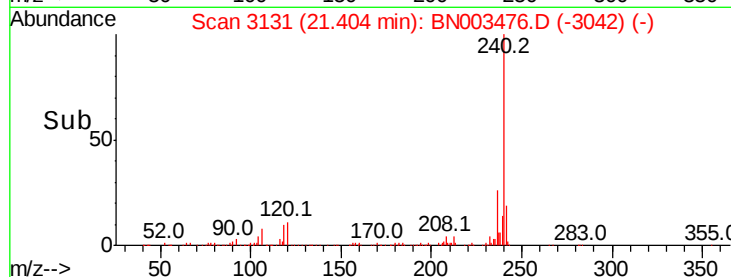
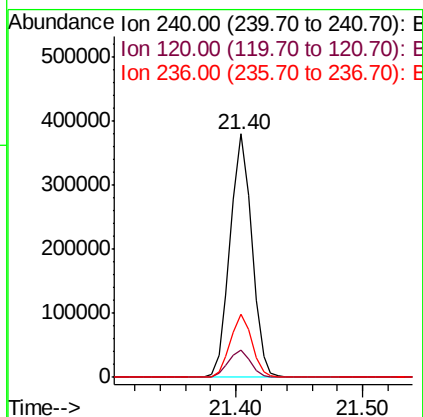
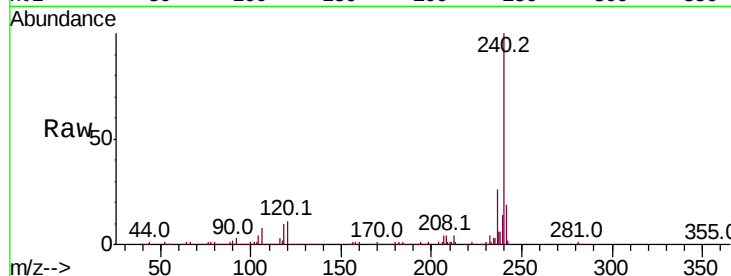




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.40 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BN003476.D
 Acq: 09 Nov 2018 17:36

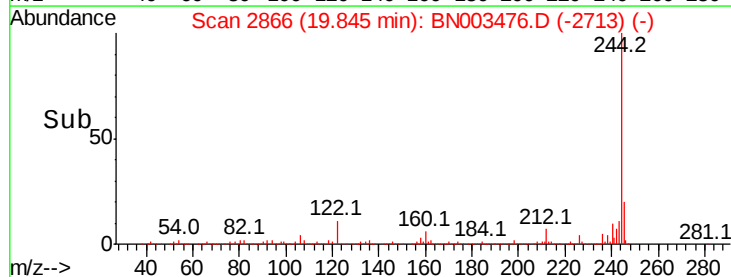
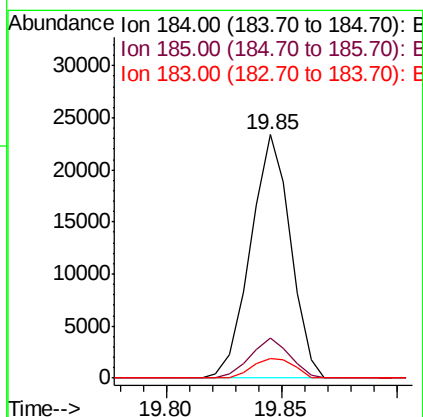
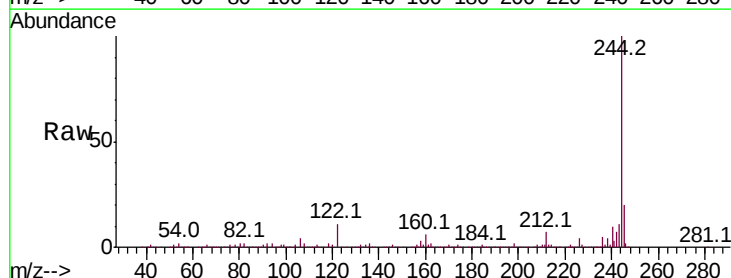
Instrument :
 BNA_N
 ClientSampleId :
 EP2-SB-104(15-17)

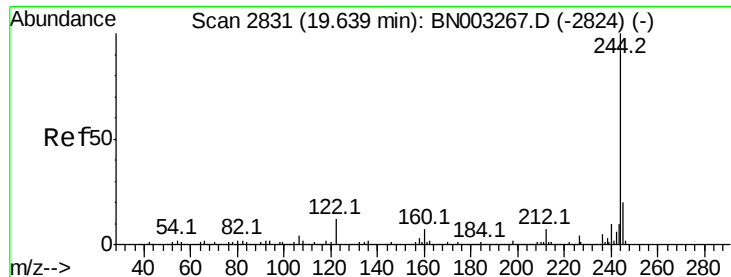
Tot Ion:240 Resp: 450418
 Ion Ratio Lower Upper
 240 100
 120 11.2 9.4 14.0
 236 26.1 20.3 30.5



#77
 Benzidine
 Concen: 2.138 ng
 RT: 19.85 min Scan# 2866
 Delta R.T. 0.37 min
 Lab File: BN003476.D
 Acq: 09 Nov 2018 17:36

Tgt Ion:184 Resp: 28187
 Ion Ratio Lower Upper
 184 100
 185 16.6 11.5 17.3
 183 8.2 9.4 14.0#





#79

Terphenyl-d14

Concen: 111.310 ng

RT: 19.85 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BN003476.D

Acq: 09 Nov 2018 17:36

Instrument :

BNA_N

ClientSampleId :

EP2-SB-104(15-17)

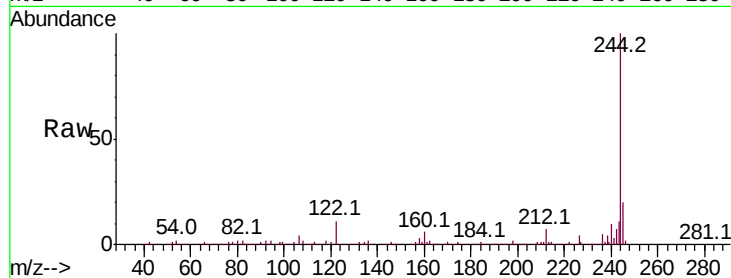
Tot Ion:244 Resp: 2344388

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

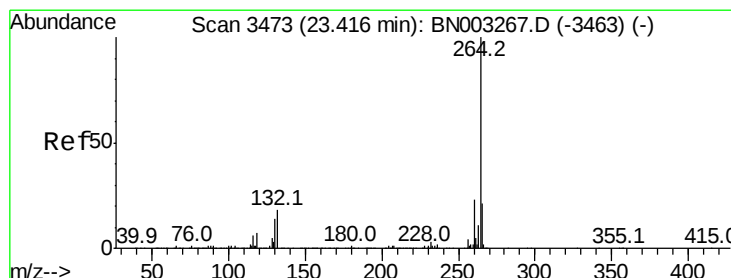
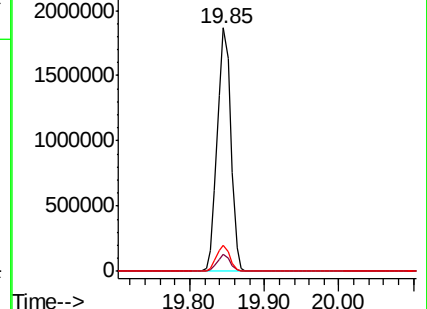
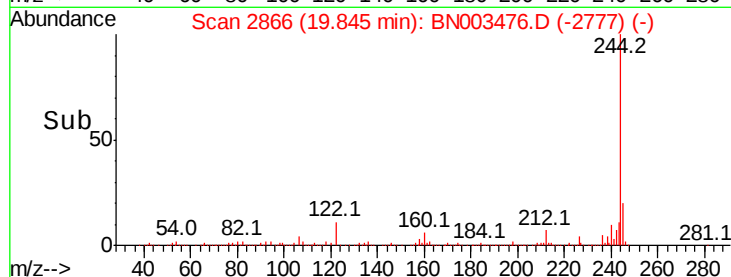
122 10.9 9.4 14.2



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: 23.72 min Scan# 3524

Delta R.T. -0.01 min

Lab File: BN003476.D

Acq: 09 Nov 2018 17:36

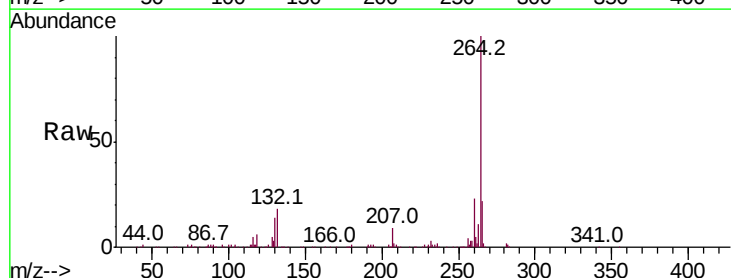
Tgt Ion:264 Resp: 451946

Ion Ratio Lower Upper

264 100

260 23.4 18.5 27.7

265 21.7 16.6 25.0



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

