

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110918\
 Data File : BN003483.D
 Acq On : 09 Nov 2018 21:42
 Operator : MJ/SJ
 Sample : J5860-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EP2-SB-109(14-16)

Quant Time: Nov 12 03:21:37 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

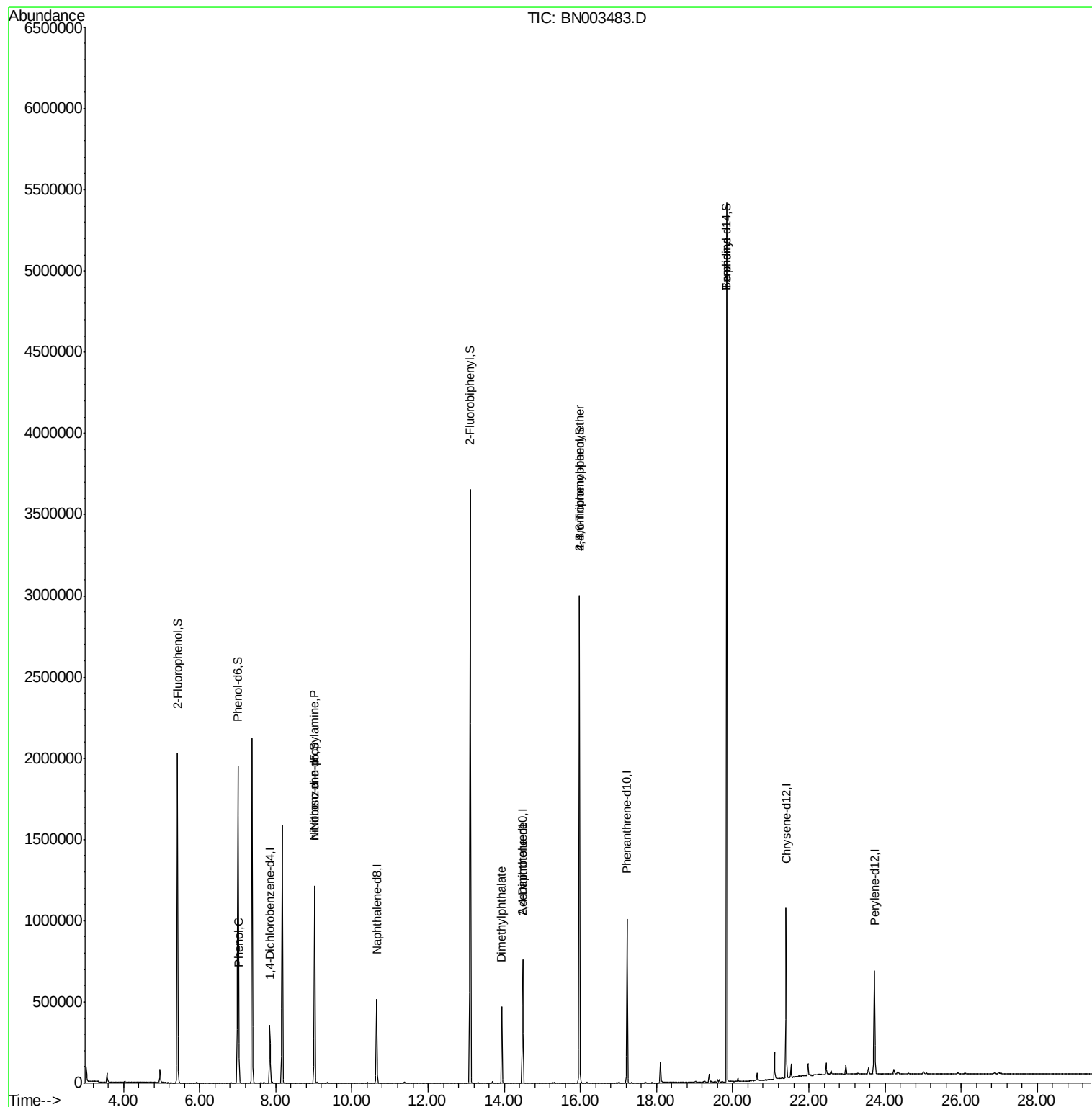
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	101763	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	437054	20.00	ng	0.00
39) Acenaphthene-d10	14.49	164	258678	20.00	ng	0.00
64) Phenanthrene-d10	17.23	188	571582	20.00	ng	0.00
76) Chrysene-d12	21.40	240	470404	20.00	ng	0.00
87) Perylene-d12	23.72	264	455240	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	898165	153.73	ng	0.00
7) Phenol-d6	7.01	99	1230992	148.17	ng	0.00
23) Nitrobenzene-d5	9.02	82	707642	92.86	ng	0.00
42) 2,4,6-Tribromophenol	15.97	330	625333	179.53	ng	0.00
45) 2-Fluorobiphenyl	13.10	172	1936986	101.57	ng	0.00
79) Terphenyl-d14	19.84	244	2690512	122.32	ng	0.00
Target Compounds						
10) Phenol	7.03	94	89717	10.233	ng	97
19) n-Nitroso-di-n-propylamine	9.02	70	89243	14.897	ng	# 75
50) Dimethylphthalate	13.93	163	314179	15.021	ng	99
57) 2,4-Dinitrotoluene	14.49	165	33320	5.177	ng	# 19
67) 4-Bromophenyl-phenylether	15.97	248	40354	6.269	ng	# 1
77) Benzidine	19.84	184	32639	2.370	ng	# 93

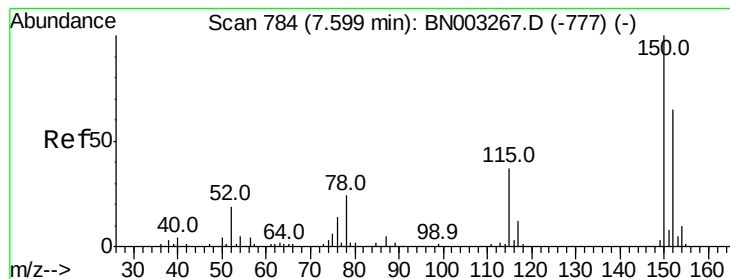
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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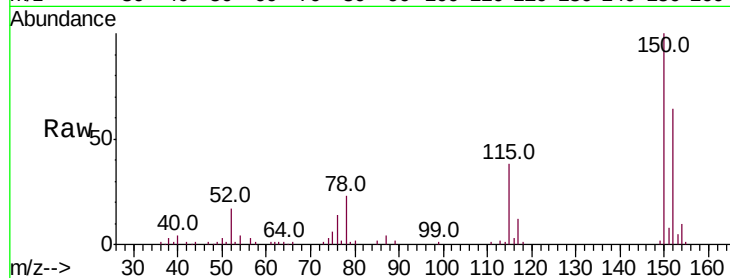


#1

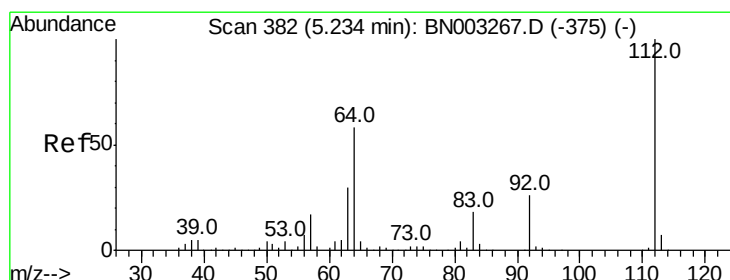
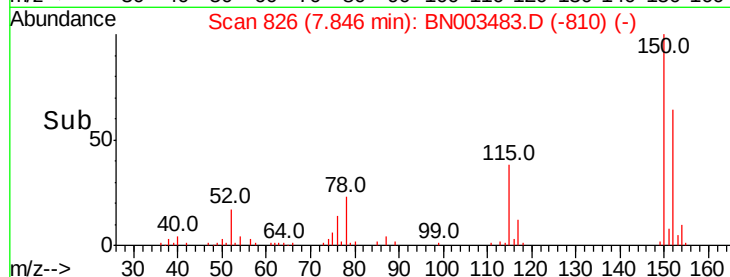
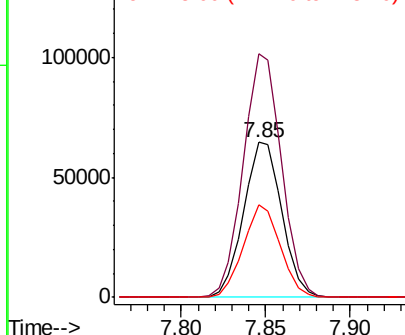
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 826
Delta R.T. -0.01 min
Lab File: BN003483.D
Acq: 09 Nov 2018 21:42

Instrument :
BNA_N
ClientSampleId :
EP2-SB-109(14-16)

Tot Ion:152 Resp: 101763
Ion Ratio Lower Upper
152 100
150 157.3 123.8 185.8
115 59.4 45.9 68.9



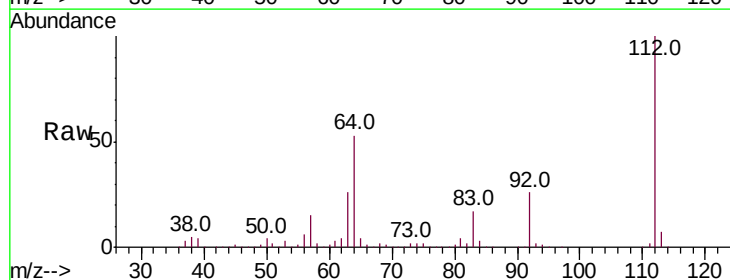
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



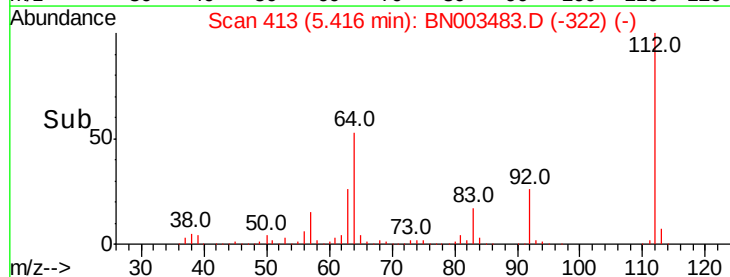
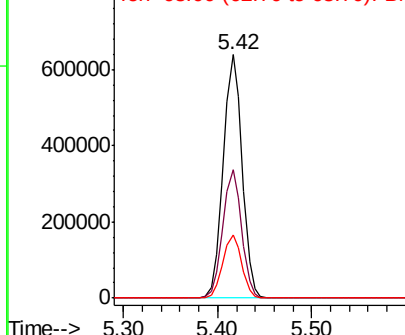
#5

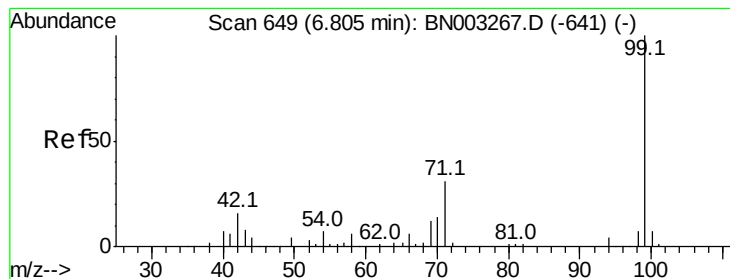
2-Fluorophenol
Concen: 153.727 ng
RT: 5.42 min Scan# 413
Delta R.T. 0.01 min
Lab File: BN003483.D
Acq: 09 Nov 2018 21:42

Tgt Ion:112 Resp: 898165
Ion Ratio Lower Upper
112 100
64 52.6 46.6 69.8
63 25.8 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: 148.172 ng

RT: 7.01 min Scan# 684

Delta R.T. -0.00 min

Lab File: BN003483.D

Acq: 09 Nov 2018 21:42

Instrument :

BNA_N

ClientSampleId :

EP2-SB-109(14-16)

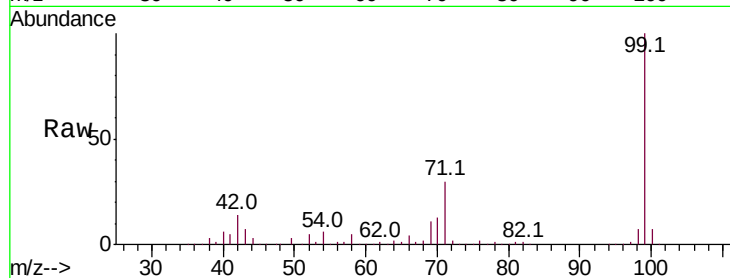
Tot Ion: 99 Resp: 1230992

Ion Ratio Lower Upper

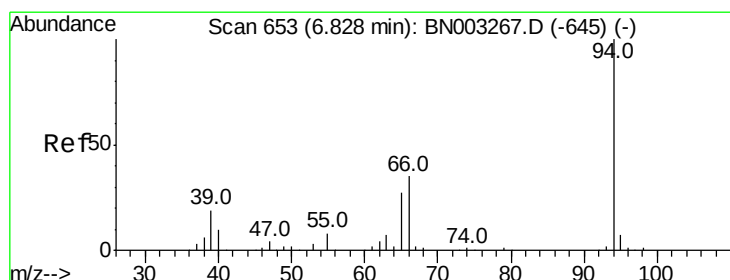
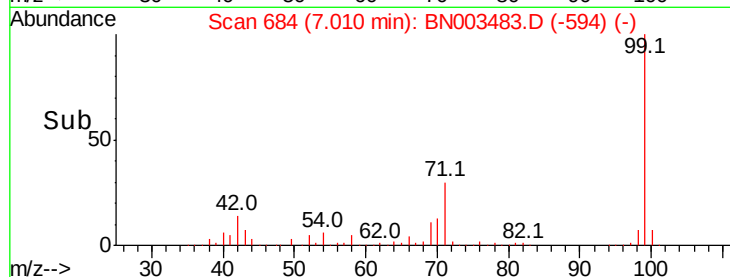
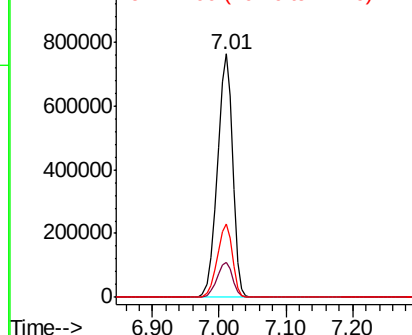
99 100

42 14.2 13.0 19.6

71 30.1 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: 10.233 ng

RT: 7.03 min Scan# 688

Delta R.T. -0.00 min

Lab File: BN003483.D

Acq: 09 Nov 2018 21:42

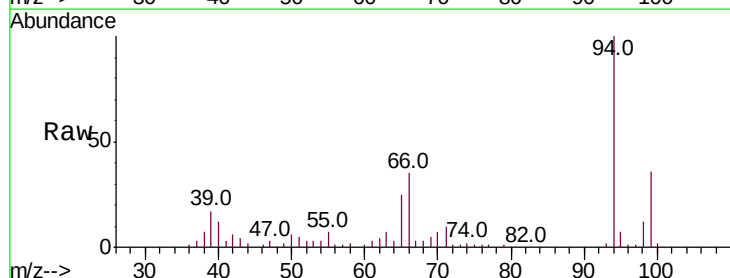
Tgt Ion: 94 Resp: 89717

Ion Ratio Lower Upper

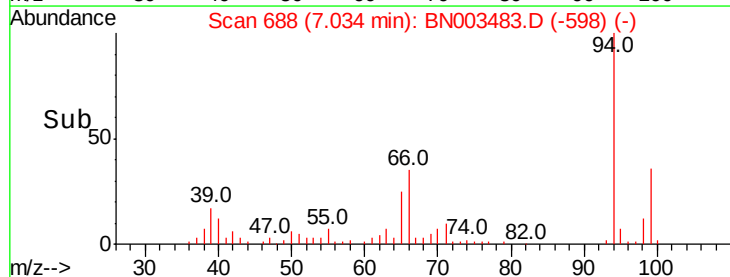
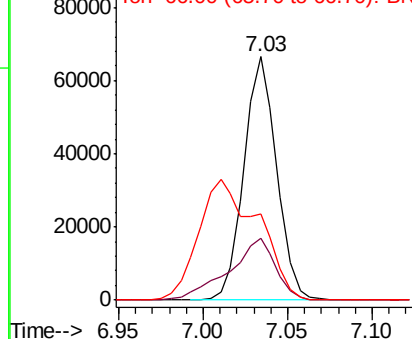
94 100

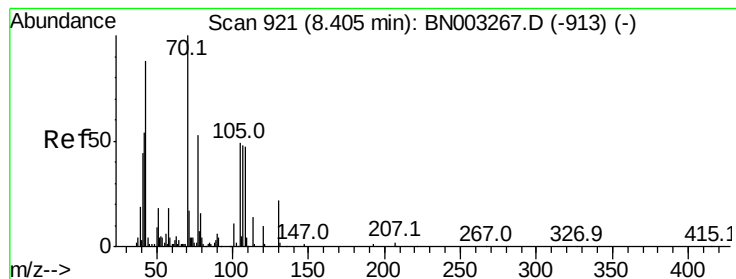
65 25.3 7.7 47.7

66 35.1 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: 14.897 ng

RT: 9.02 min Scan# 1025

Delta R.T. 0.36 min

Lab File: BN003483.D

Acq: 09 Nov 2018 21:42

Instrument :

BNA_N

ClientSampleId :

EP2-SB-109(14-16)

Tot Ion: 70 Resp: 89243

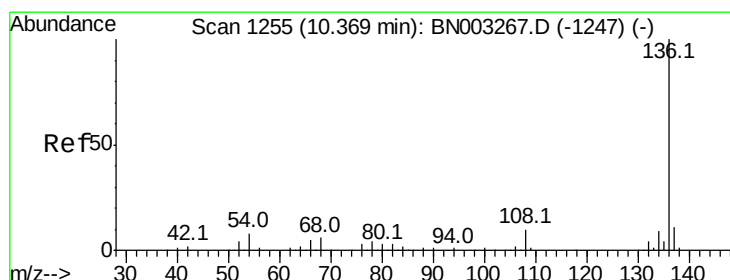
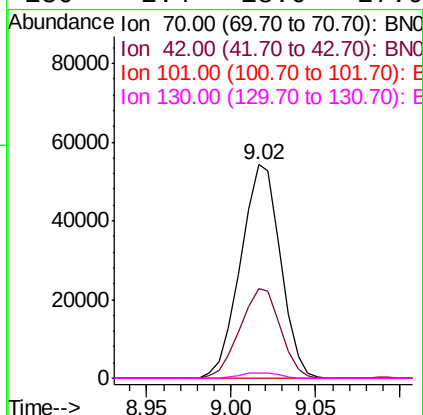
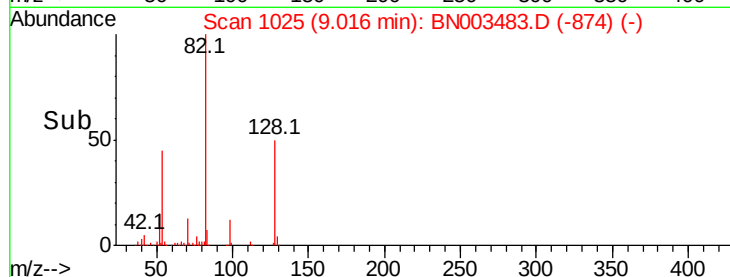
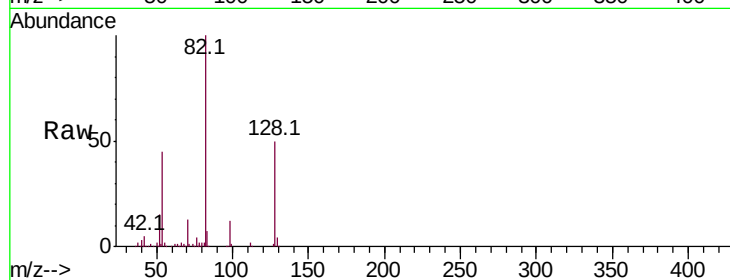
Ion Ratio Lower Upper

70 100

42 41.8 43.5 65.3#

101 0.0 8.6 12.8#

130 2.4 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: BN003483.D

Acq: 09 Nov 2018 21:42

Tgt Ion: 136 Resp: 437054

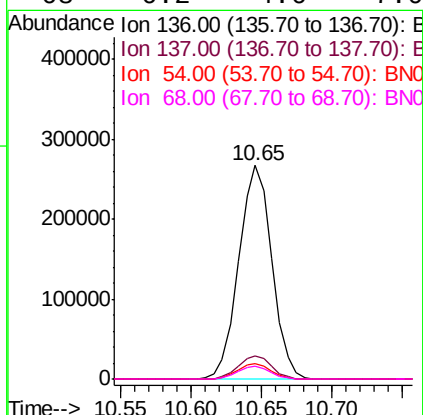
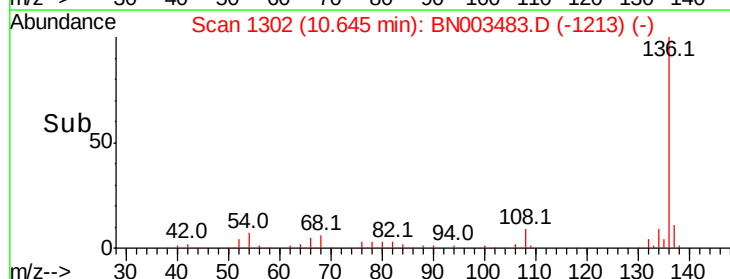
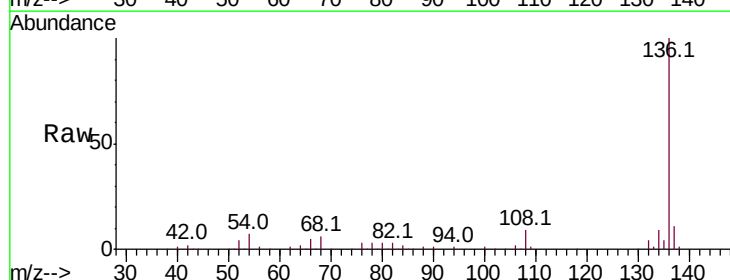
Ion Ratio Lower Upper

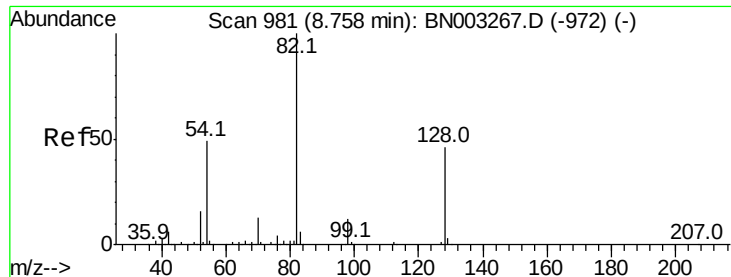
136 100

137 11.0 8.7 13.1

54 7.2 6.6 10.0

68 6.2 4.6 7.0

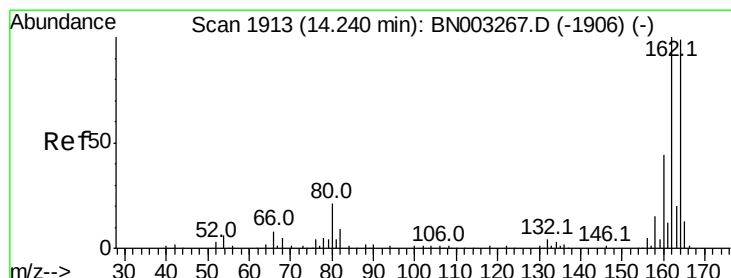
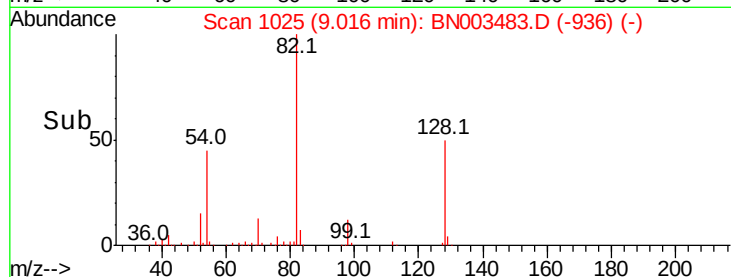
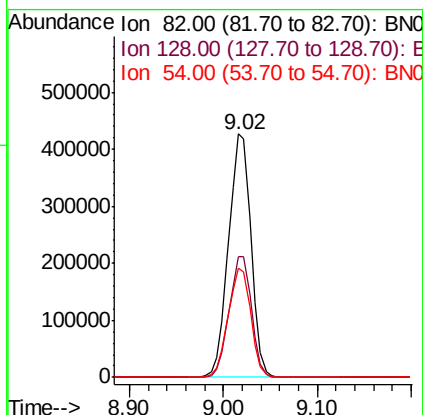
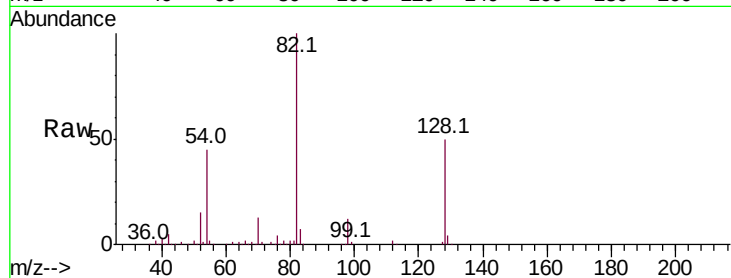




#23
Nitrobenzene-d5
Concen: 92.855 ng
RT: 9.02 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BN003483.D
Acq: 09 Nov 2018 21:42

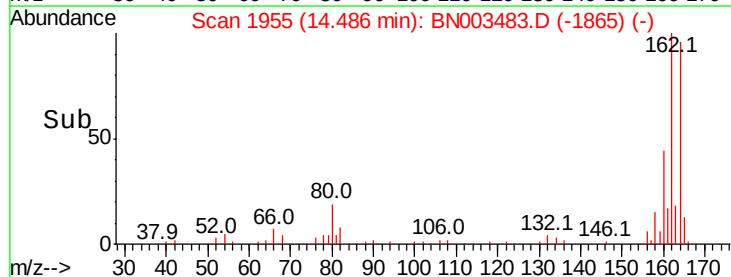
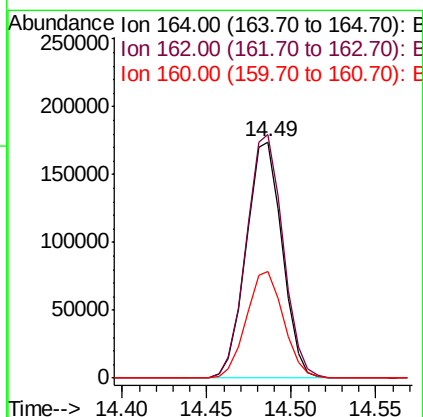
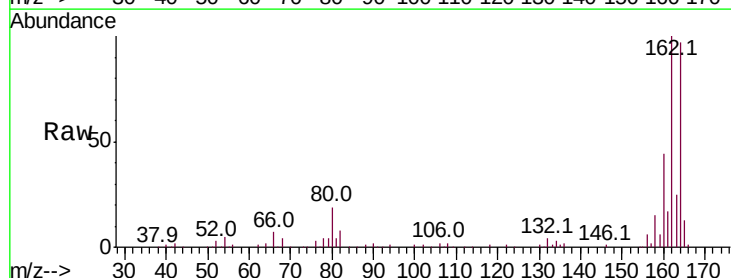
Instrument :
BNA_N
ClientSampleId :
EP2-SB-109(14-16)

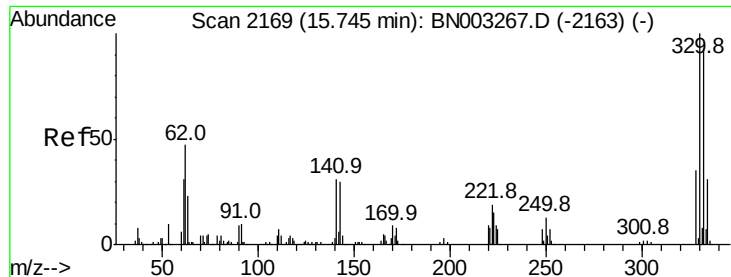
Tot Ion: 82 Resp: 707642
Ion Ratio Lower Upper
82 100
128 49.8 37.1 55.7
54 44.8 39.4 59.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.49 min Scan# 1955
Delta R.T. -0.00 min
Lab File: BN003483.D
Acq: 09 Nov 2018 21:42

Tgt Ion:164 Resp: 258678
Ion Ratio Lower Upper
164 100
162 103.0 80.8 121.2
160 45.1 35.5 53.3

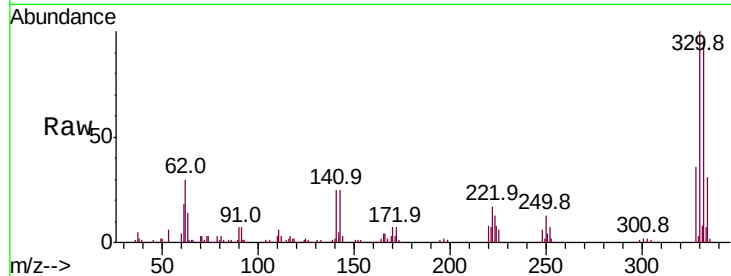




#42
 2,4,6-Tribromophenol
 Concen: 179.529 ng
 RT: 15.97 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BN003483.D
 Acq: 09 Nov 2018 21:42

Instrument :
 BNA_N
 ClientSampleId :
 EP2-SB-109(14-16)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	114.8
141	26.6	24.5	36.7

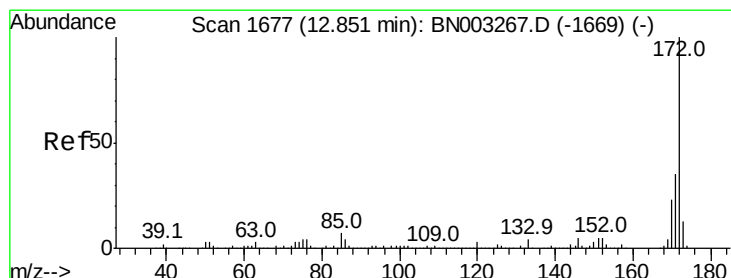
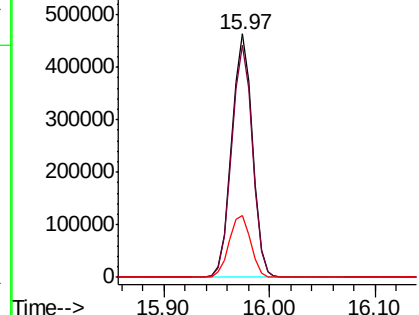
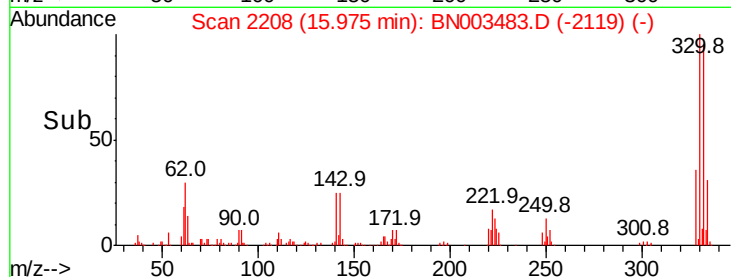


Abundance

Ion 329.80 (329.50 to 330.50): E

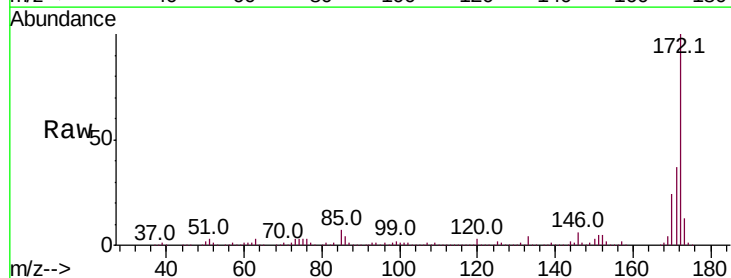
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 101.569 ng
 RT: 13.10 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BN003483.D
 Acq: 09 Nov 2018 21:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.2	42.4
170	23.6	18.4	27.6

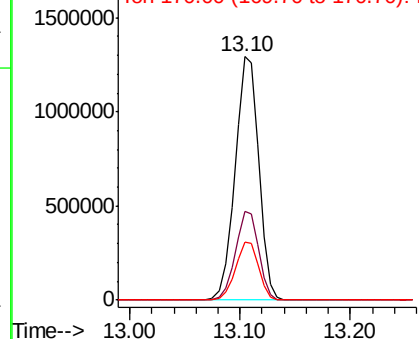
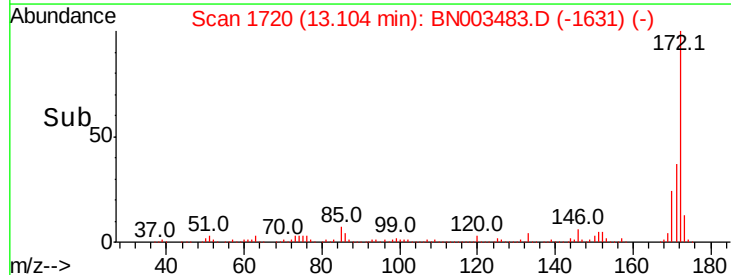


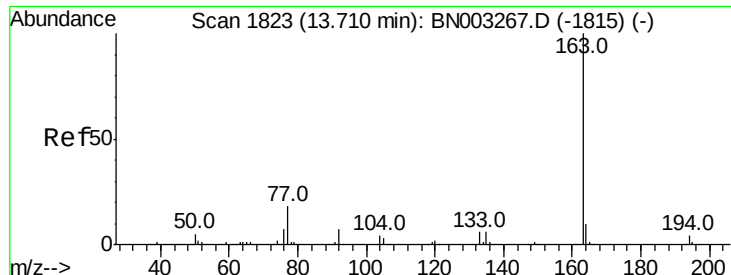
Abundance

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: 15.021 ng

RT: 13.93 min Scan# 1861

Delta R.T. -0.02 min

Lab File: BN003483.D

Acq: 09 Nov 2018 21:42

Instrument :

BNA_N

ClientSampleId :

EP2-SB-109(14-16)

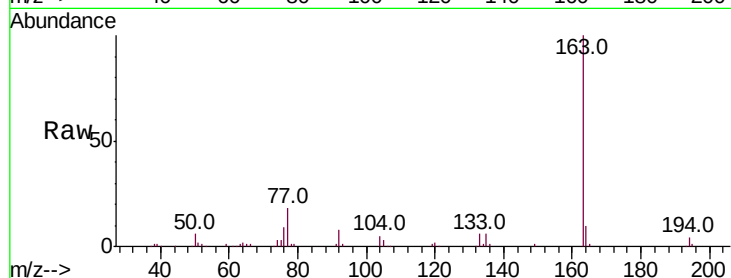
Tot Ion:163 Resp: 314179

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

164 10.2 7.9 11.9

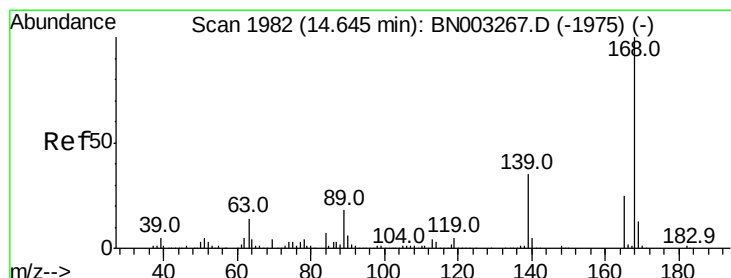
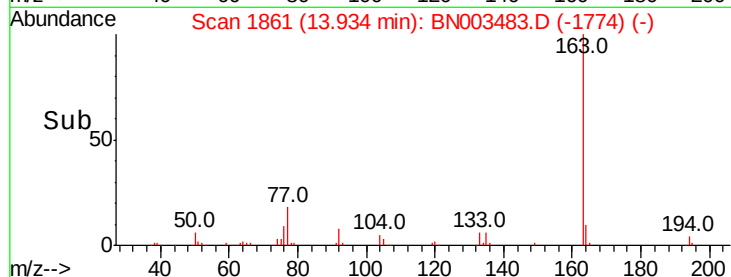
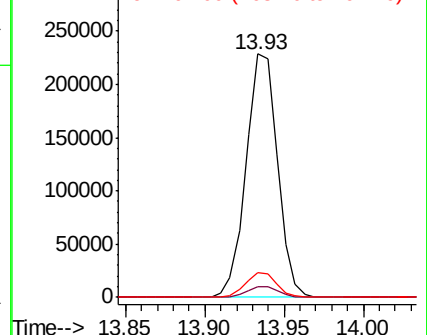


Abundance

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: 5.177 ng

RT: 14.49 min Scan# 1955

Delta R.T. -0.37 min

Lab File: BN003483.D

Acq: 09 Nov 2018 21:42

Tgt Ion:165 Resp: 33320

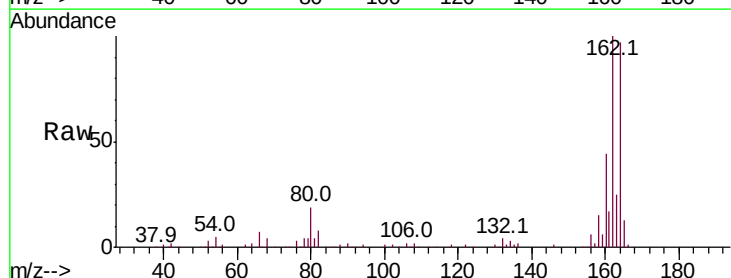
Ion Ratio Lower Upper

165 100

63 0.0 45.8 68.6#

89 0.0 58.7 88.1#

182 0.0 2.3 3.5#



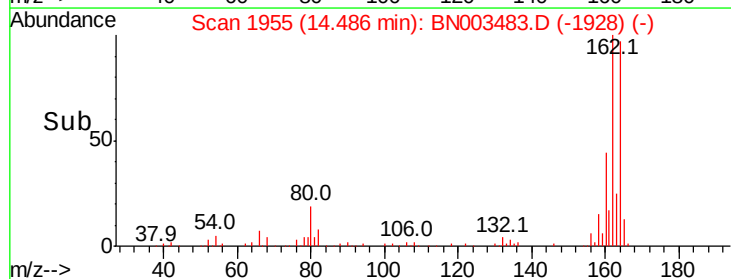
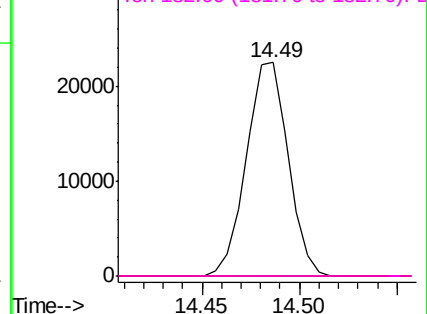
Abundance

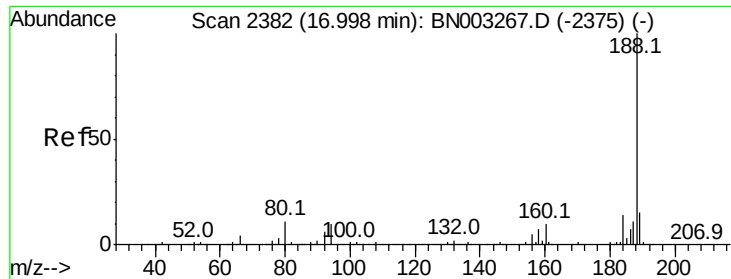
Ion 165.00 (164.70 to 165.70): E

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: BN003483.D

Acq: 09 Nov 2018 21:42

Instrument :

BNA_N

ClientSampleId :

EP2-SB-109(14-16)

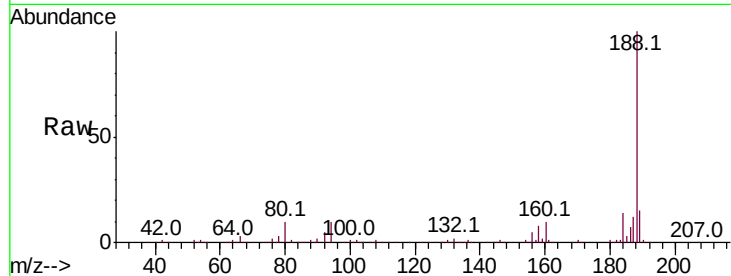
Tot Ion:188 Resp: 571582

Ion Ratio Lower Upper

188 100

94 9.5 8.1 12.1

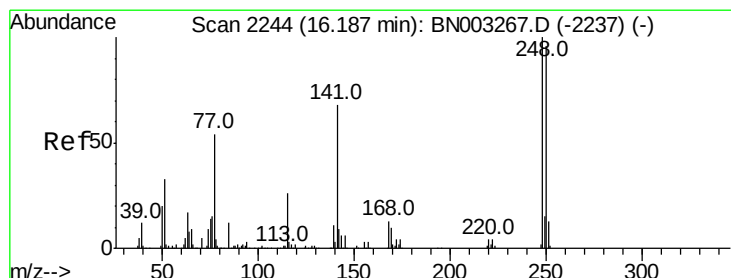
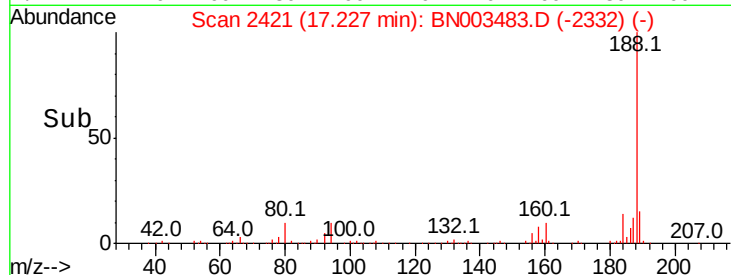
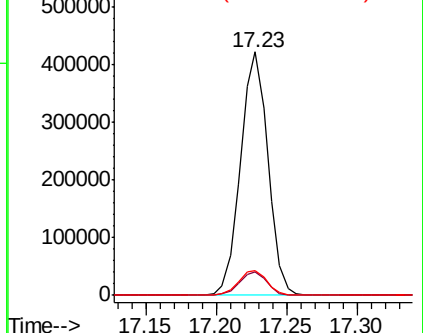
80 10.2 8.6 13.0



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: 6.269 ng

RT: 15.97 min Scan# 2208

Delta R.T. -0.45 min

Lab File: BN003483.D

Acq: 09 Nov 2018 21:42

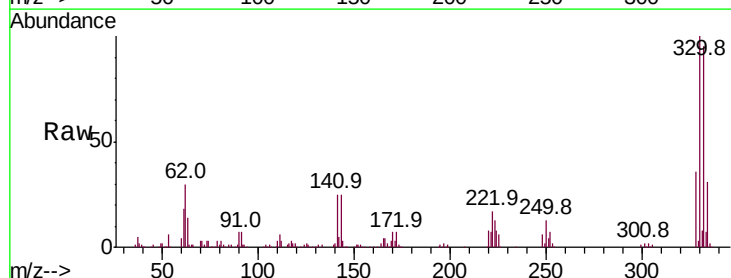
Tgt Ion:248 Resp: 40354

Ion Ratio Lower Upper

248 100

250 197.9 76.4 114.6#

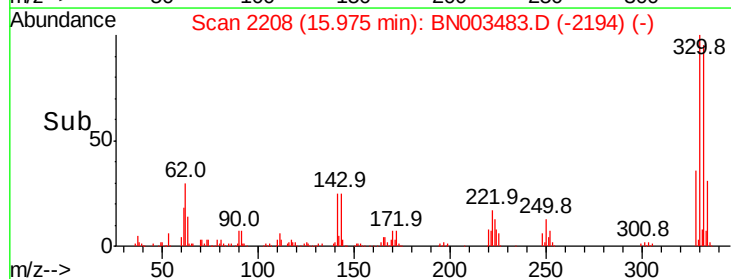
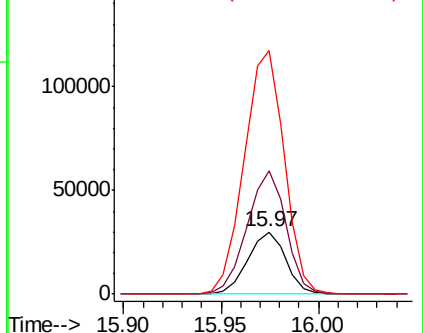
141 391.8 54.2 81.4#

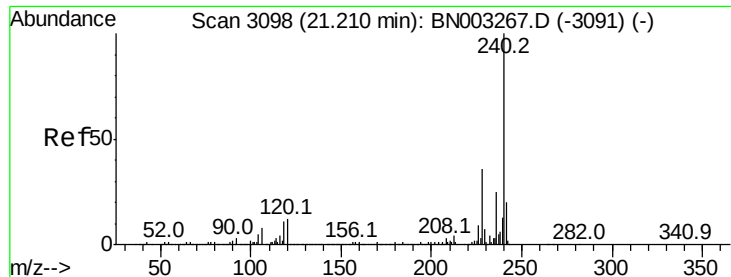


Abundance Ion 248.00 (247.70 to 248.70): E

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: BN003483.D

Acq: 09 Nov 2018 21:42

Instrument :

BNA_N

ClientSampleId :

EP2-SB-109(14-16)

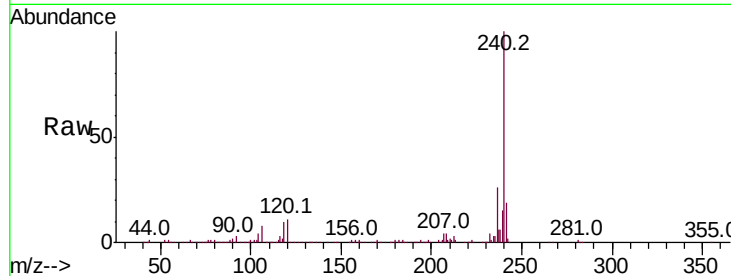
Tot Ion:240 Resp: 470404

Ion Ratio Lower Upper

240 100

120 11.2 9.4 14.0

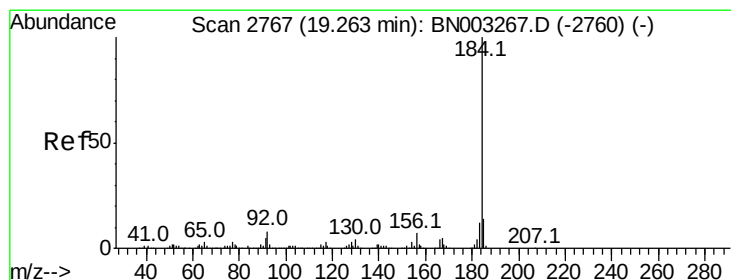
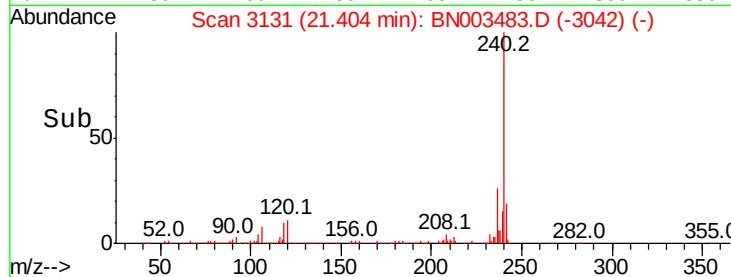
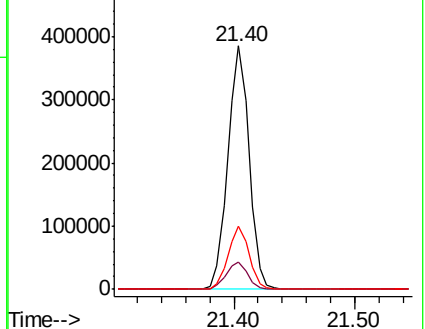
236 25.8 20.3 30.5



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



#77

Benzidine

Concen: 2.370 ng

RT: 19.84 min Scan# 2866

Delta R.T. 0.37 min

Lab File: BN003483.D

Acq: 09 Nov 2018 21:42

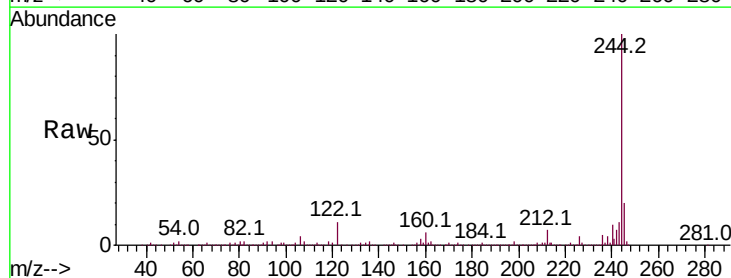
Tgt Ion:184 Resp: 32639

Ion Ratio Lower Upper

184 100

185 16.6 11.5 17.3

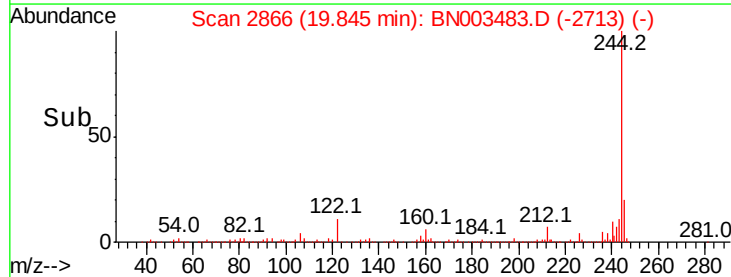
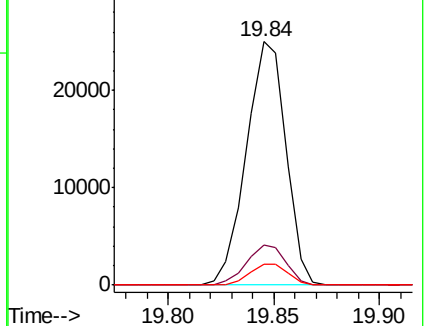
183 8.6 9.4 14.0#

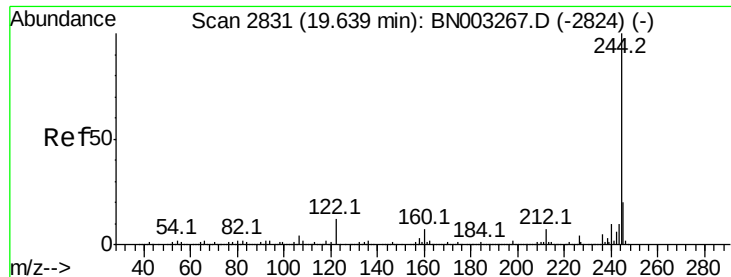


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 122.316 ng

RT: 19.84 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BN003483.D

Acq: 09 Nov 2018 21:42

Instrument :

BNA_N

ClientSampleId :

EP2-SB-109(14-16)

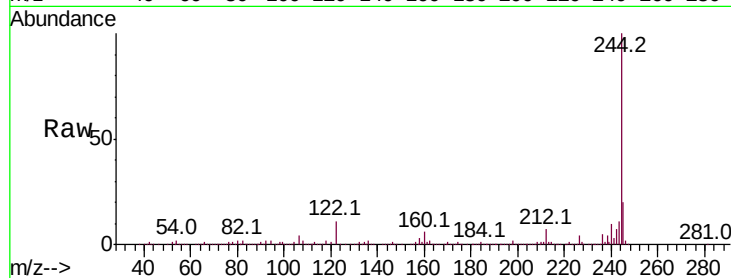
Tot Ion:244 Resp: 2690512

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

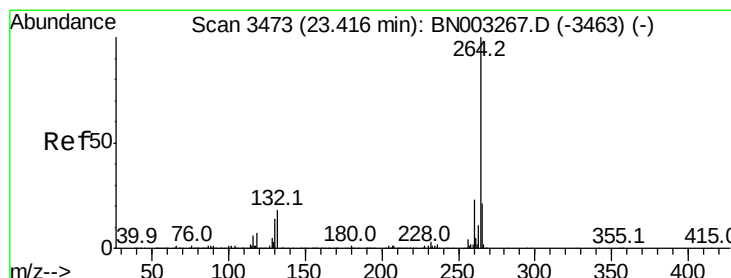
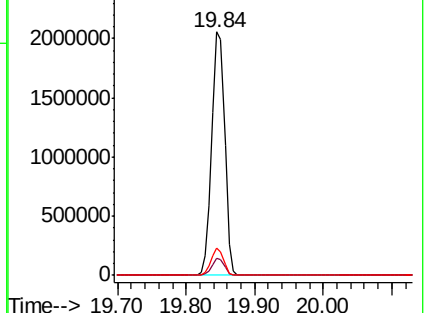
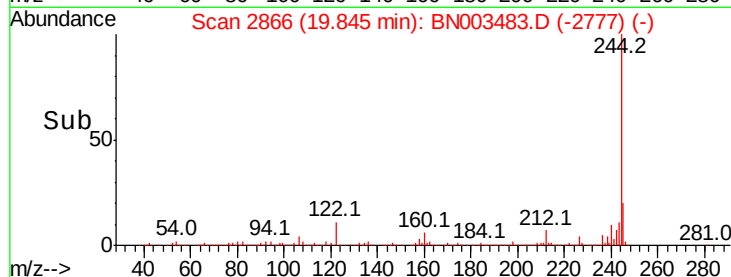
122 11.1 9.4 14.2



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# 3525

Delta R.T. -0.01 min

Lab File: BN003483.D

Acq: 09 Nov 2018 21:42

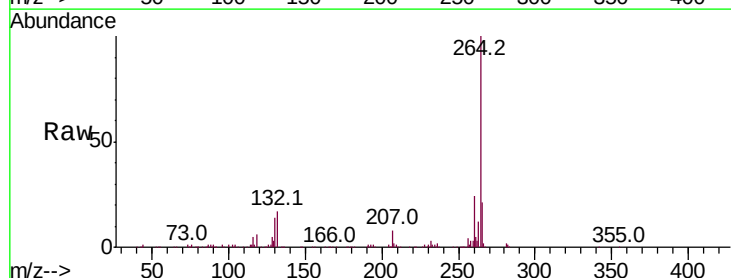
Tgt Ion:264 Resp: 455240

Ion Ratio Lower Upper

264 100

260 23.8 18.5 27.7

265 21.1 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

