

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110918\
 Data File : BN003475.D
 Acq On : 09 Nov 2018 17:00
 Operator : MJ/SJ
 Sample : J5860-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EP2-SB-103(14-16)

Quant Time: Nov 12 03:19:36 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

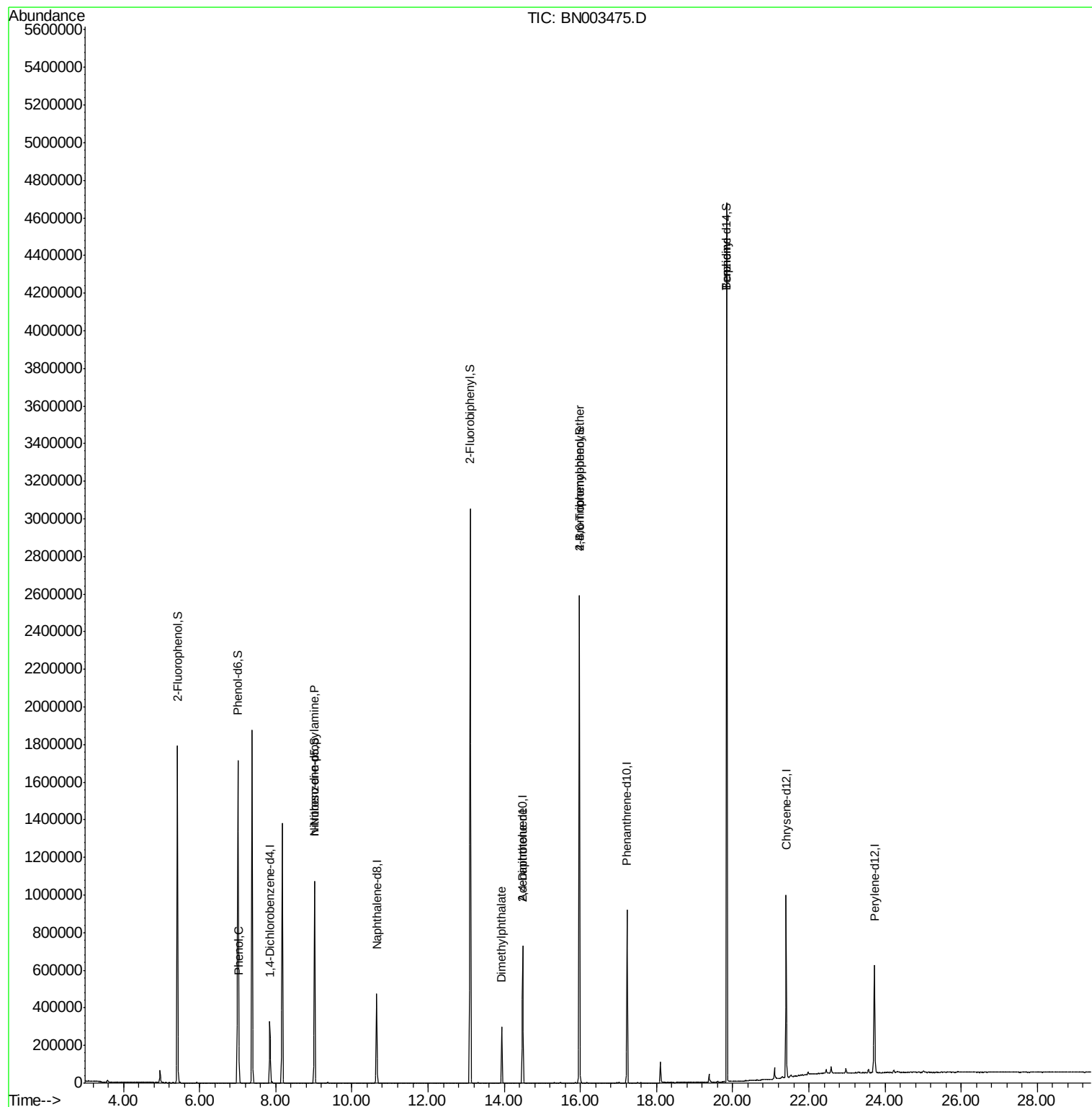
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	94916	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	404188	20.00	ng	0.00
39) Acenaphthene-d10	14.49	164	240678	20.00	ng	0.00
64) Phenanthrene-d10	17.23	188	523617	20.00	ng	0.00
76) Chrysene-d12	21.40	240	432738	20.00	ng	0.00
87) Perylene-d12	23.72	264	419130	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	799478	146.71	ng	0.00
7) Phenol-d6	7.01	99	1079075	139.26	ng	0.00
23) Nitrobenzene-d5	9.02	82	613646	87.07	ng	0.00
42) 2,4,6-Tribromophenol	15.97	330	532226	164.23	ng	0.00
45) 2-Fluorobiphenyl	13.10	172	1637684	92.30	ng	0.00
79) Terphenyl-d14	19.85	244	2204948	108.97	ng	0.00
Target Compounds						
10) Phenol	7.03	94	76878	9.401	ng	96
19) n-Nitroso-di-n-propylamine	9.02	70	77877	13.937	ng	# 75
50) Dimethylphthalate	13.93	163	200684	10.312	ng	99
57) 2,4-Dinitrotoluene	14.48	165	31219	5.213	ng	# 19
67) 4-Bromophenyl-phenylether	15.97	248	34621	5.871	ng	# 1
77) Benzidine	19.85	184	26607	2.100	ng	# 92

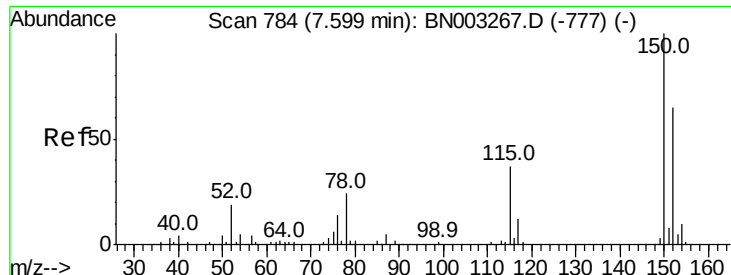
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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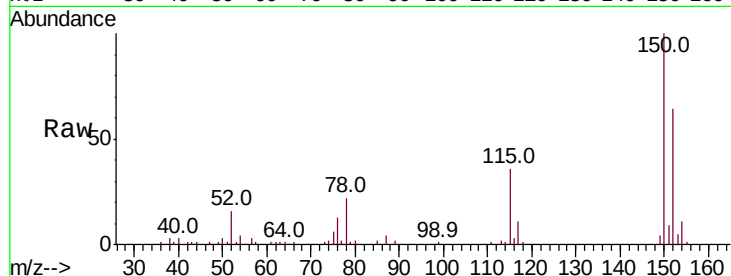


#1

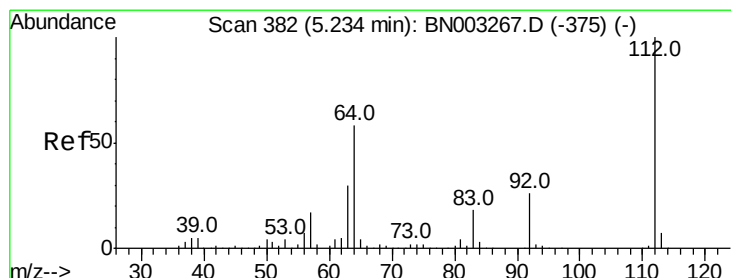
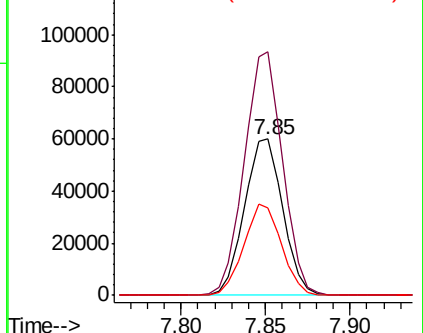
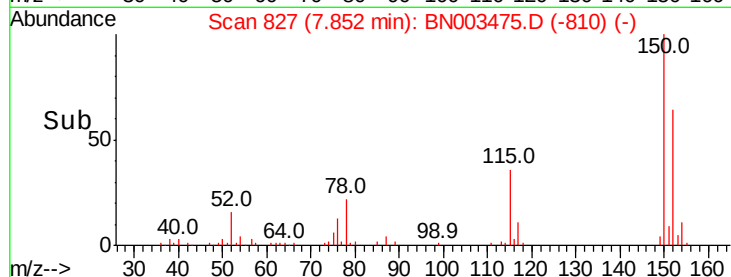
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.85 min Scan# 827
 Delta R.T. 0.00 min
 Lab File: BN003475.D
 Acq: 09 Nov 2018 17:00

Instrument :
 BNA_N
 ClientSampleId :
 EP2-SB-103(14-16)

Tot Ion:152 Resp: 94916
 Ion Ratio Lower Upper
 152 100
 150 155.6 123.8 185.8
 115 55.7 45.9 68.9



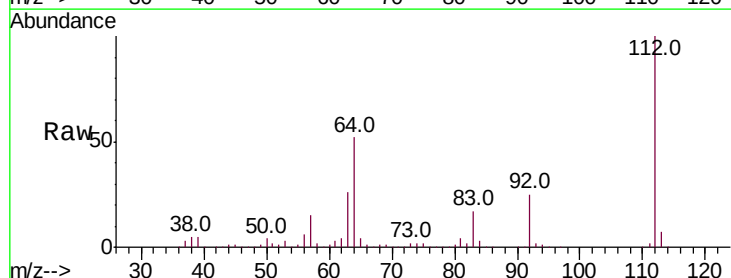
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



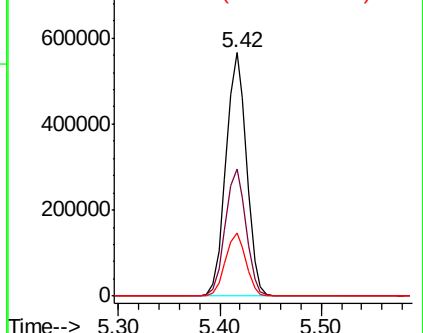
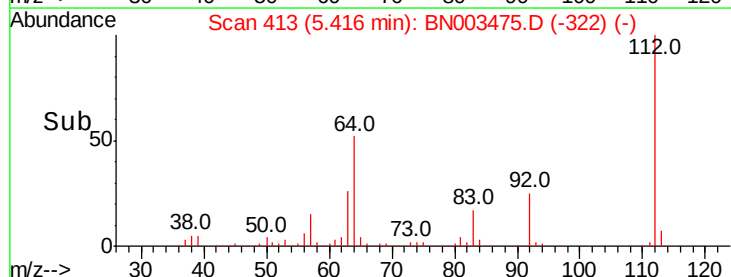
#5

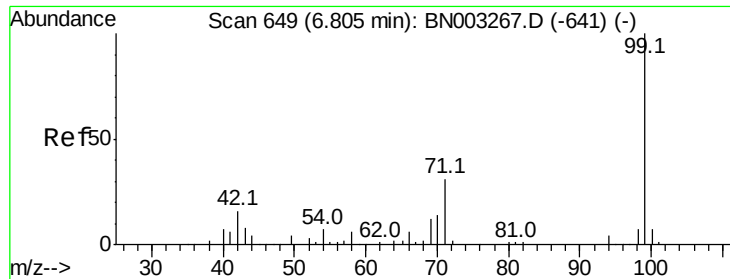
2-Fluorophenol
 Concen: 146.707 ng
 RT: 5.42 min Scan# 413
 Delta R.T. 0.01 min
 Lab File: BN003475.D
 Acq: 09 Nov 2018 17:00

Tgt Ion:112 Resp: 799478
 Ion Ratio Lower Upper
 112 100
 64 52.0 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: 139.255 ng

RT: 7.01 min Scan# 684

Delta R.T. 0.00 min

Lab File: BN003475.D

Acq: 09 Nov 2018 17:00

Instrument :

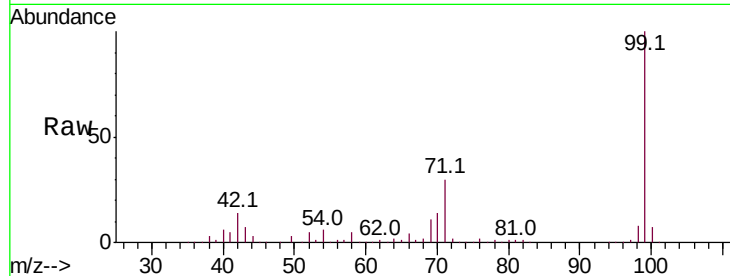
BNA_N

ClientSampleId :

EP2-SB-103(14-16)

Tot Ion: 99 Resp: 1079075

Ion	Ratio	Lower	Upper
99	100		
42	14.2	13.0	19.6
71	29.7	24.5	36.7

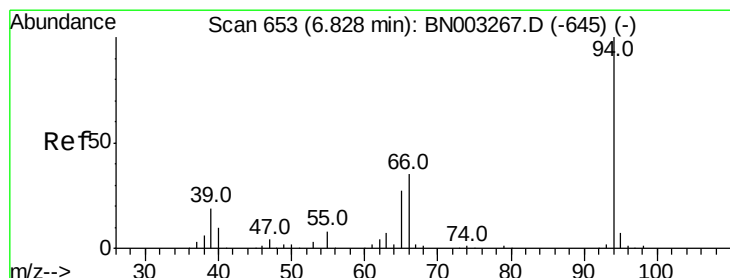
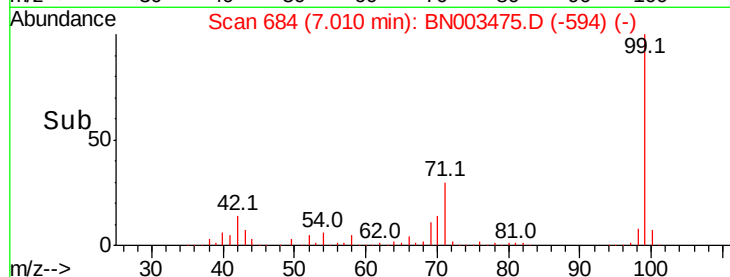
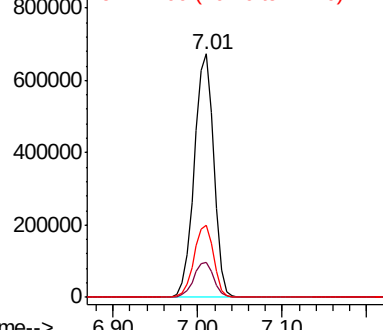


Abundance

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: 9.401 ng

RT: 7.03 min Scan# 688

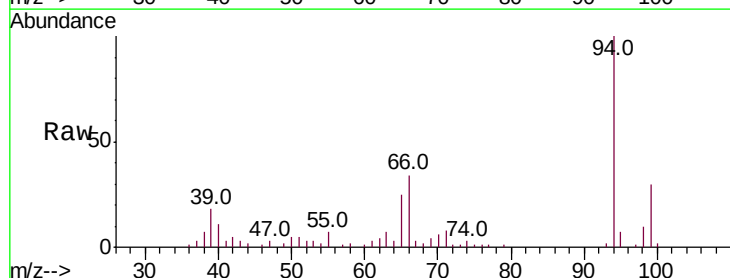
Delta R.T. 0.00 min

Lab File: BN003475.D

Acq: 09 Nov 2018 17:00

Tgt Ion: 94 Resp: 76878

Ion	Ratio	Lower	Upper
94	100		
65	24.8	7.7	47.7
66	33.9	15.8	55.8

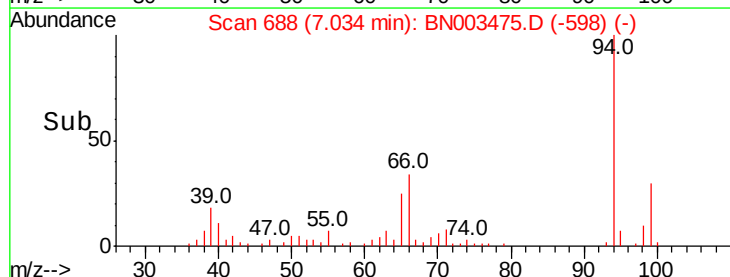
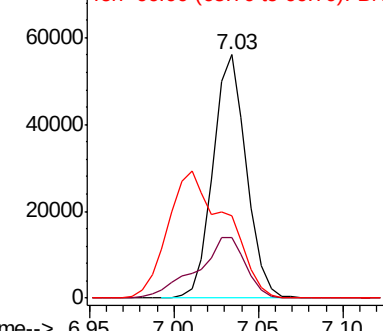


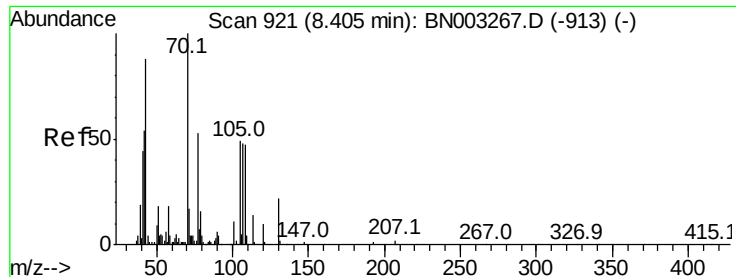
Abundance

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

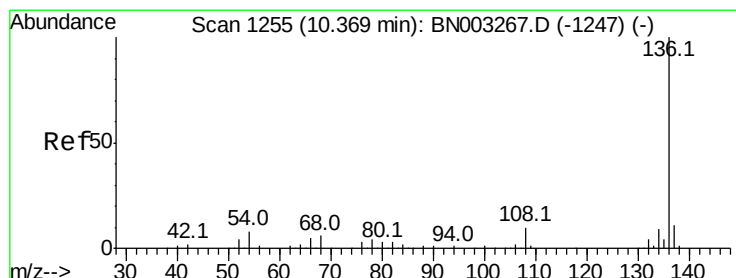
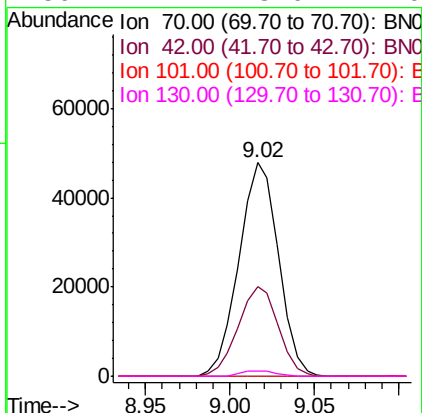
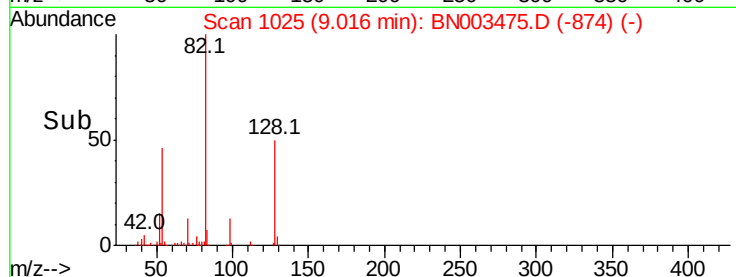
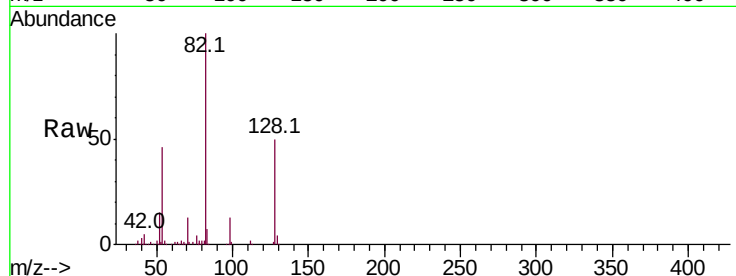




#19
n-Nitroso-di-n-propylamine
Concen: 13.937 ng
RT: 9.02 min Scan# 1025
Delta R.T. 0.36 min
Lab File: BN003475.D
Acq: 09 Nov 2018 17:00

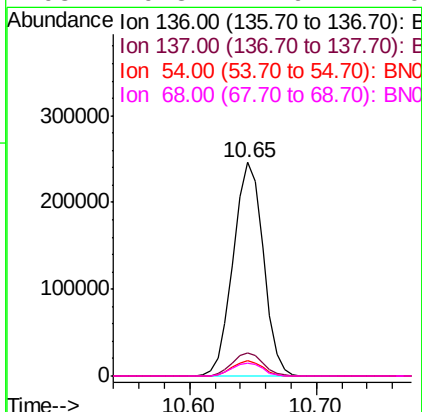
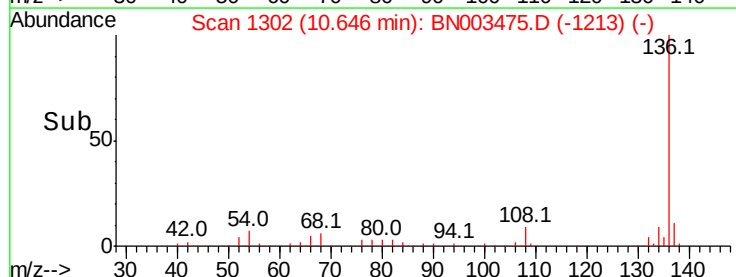
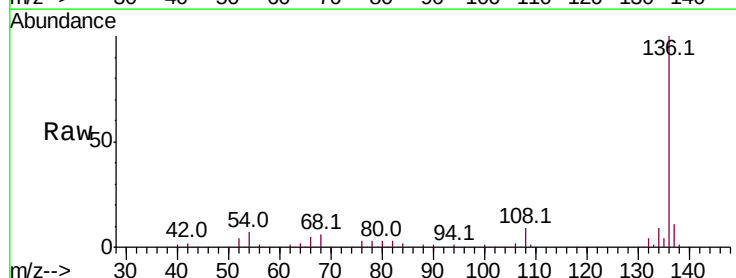
Instrument :
BNA_N
ClientSampleId :
EP2-SB-103(14-16)

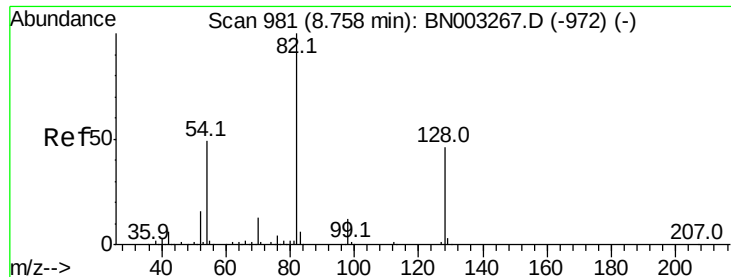
Tot Ion: 70 Resp: 77877
Ion Ratio Lower Upper
70 100
42 41.9 43.5 65.3#
101 0.0 8.6 12.8#
130 2.7 18.0 27.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.65 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BN003475.D
Acq: 09 Nov 2018 17:00

Tgt Ion: 136 Resp: 404188
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.0 6.6 10.0
68 6.3 4.6 7.0

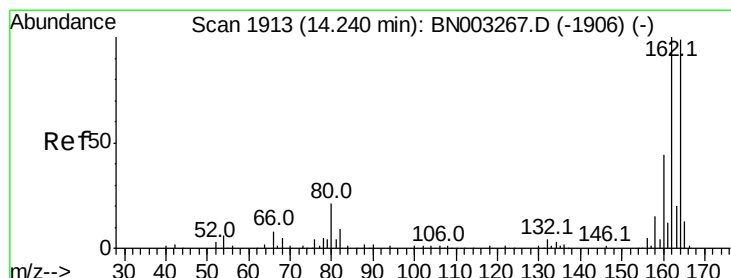
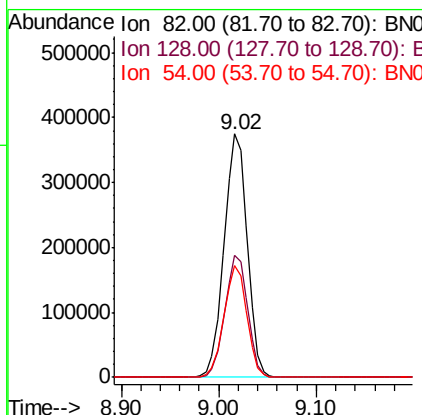
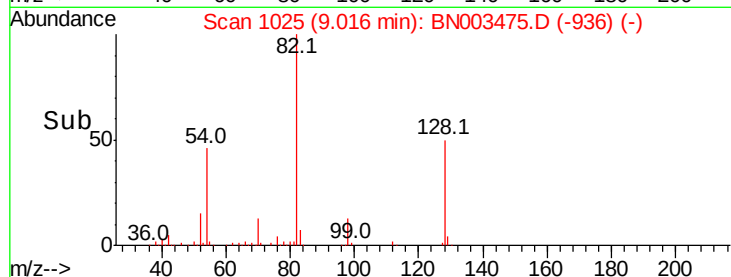
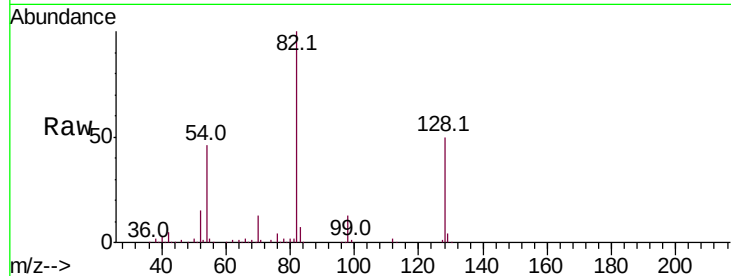




#23
Nitrobenzene-d5
Concen: 87.069 ng
RT: 9.02 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BN003475.D
Acq: 09 Nov 2018 17:00

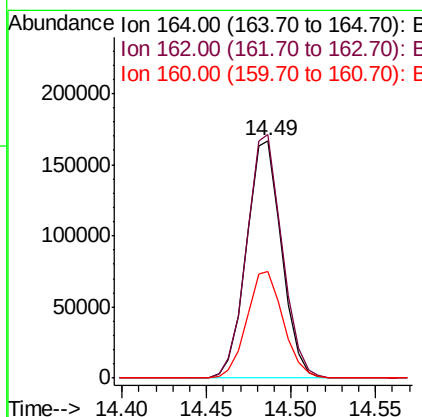
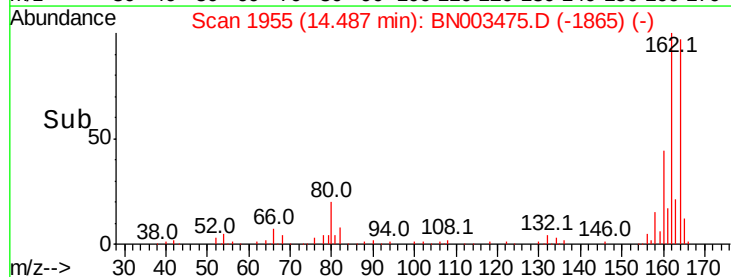
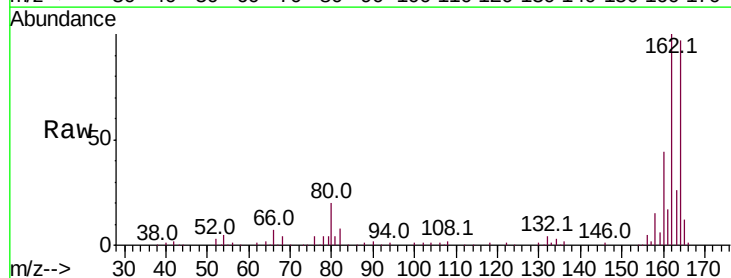
Instrument :
BNA_N
ClientSampleId :
EP2-SB-103(14-16)

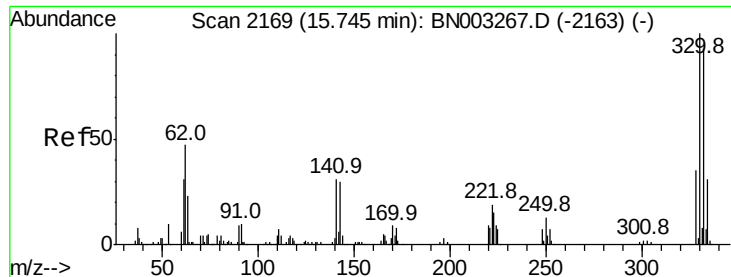
Tot Ion: 82 Resp: 613646
Ion Ratio Lower Upper
82 100
128 49.9 37.1 55.7
54 45.7 39.4 59.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.49 min Scan# 1955
Delta R.T. 0.00 min
Lab File: BN003475.D
Acq: 09 Nov 2018 17:00

Tgt Ion:164 Resp: 240678
Ion Ratio Lower Upper
164 100
162 102.6 80.8 121.2
160 44.9 35.5 53.3

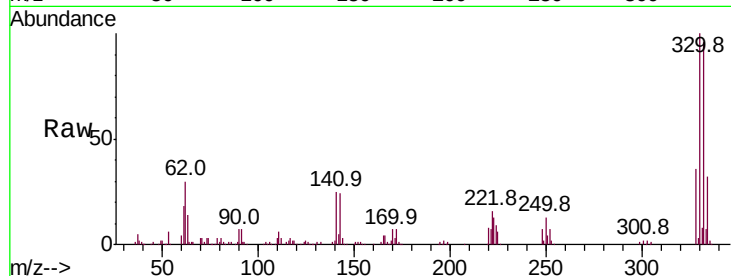




#42
 2,4,6-Tribromophenol
 Concen: 164.226 ng
 RT: 15.97 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BN003475.D
 Acq: 09 Nov 2018 17:00

Instrument :
 BNA_N
 ClientSampleId :
 EP2-SB-103(14-16)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	114.8
141	26.8	24.5	36.7

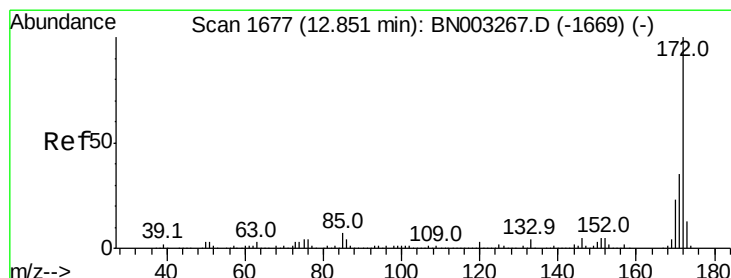
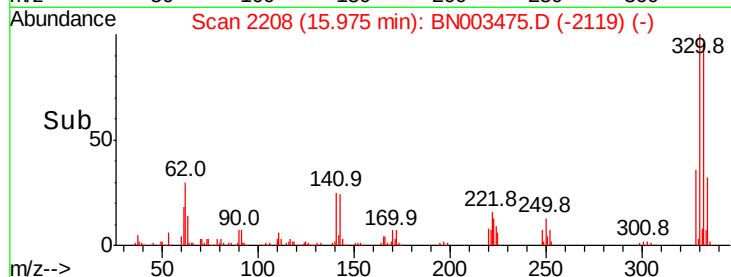
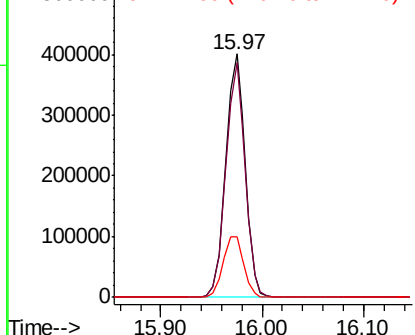


Abundance

Ion 329.80 (329.50 to 330.50): E

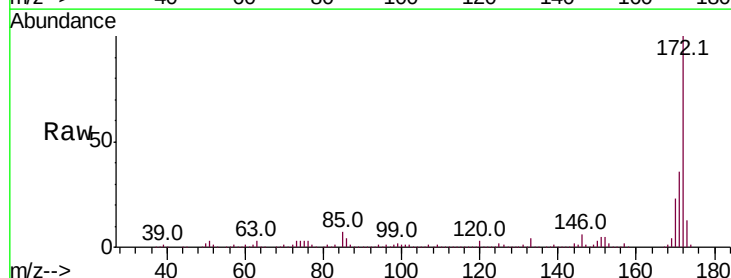
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 92.297 ng
 RT: 13.10 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BN003475.D
 Acq: 09 Nov 2018 17:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.2	42.4
170	23.4	18.4	27.6

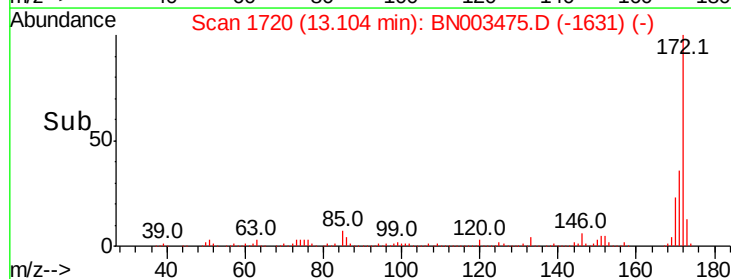
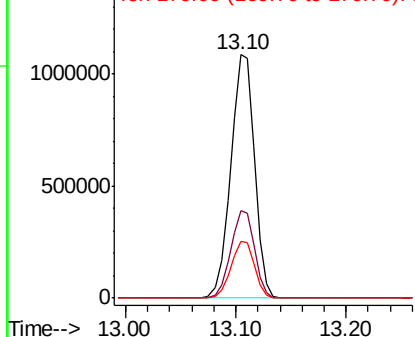


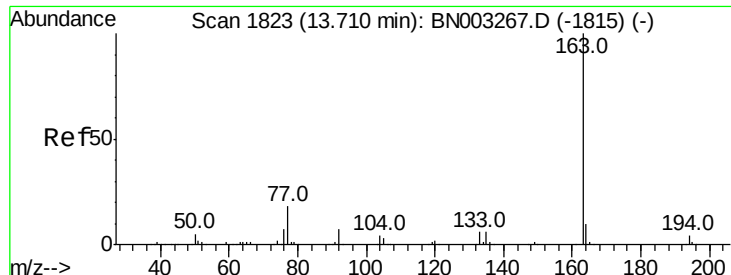
Abundance

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

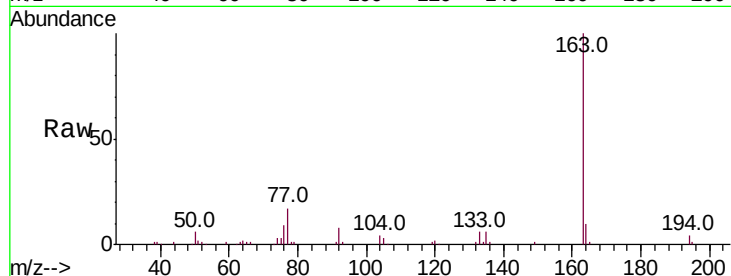




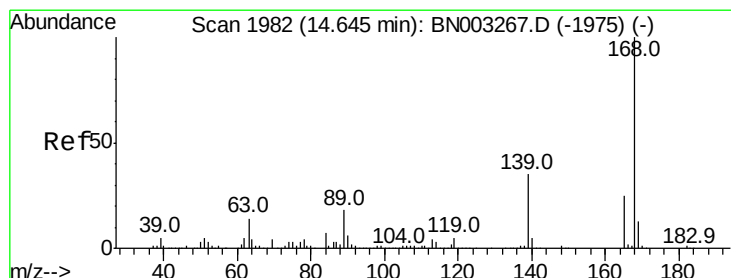
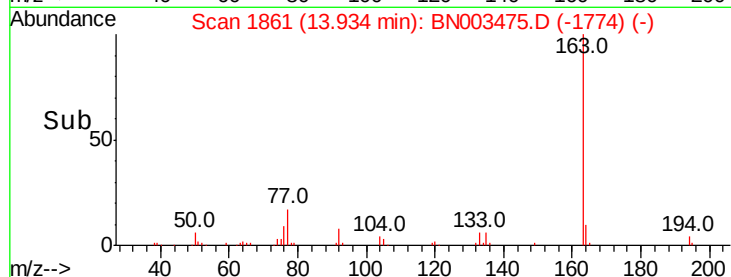
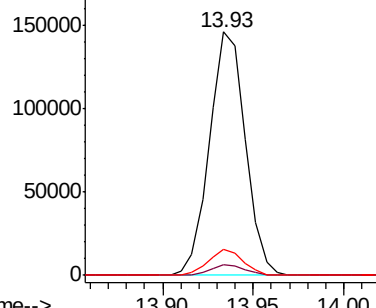
#50
Dimethylphthalate
Concen: 10.312 ng
RT: 13.93 min Scan# 1861
Delta R.T. -0.02 min
Lab File: BN003475.D
Acq: 09 Nov 2018 17:00

Instrument :
BNA_N
ClientSampleId :
EP2-SB-103(14-16)

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.4	7.9	11.9

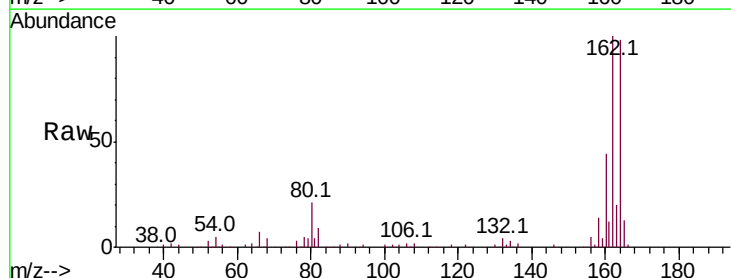


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

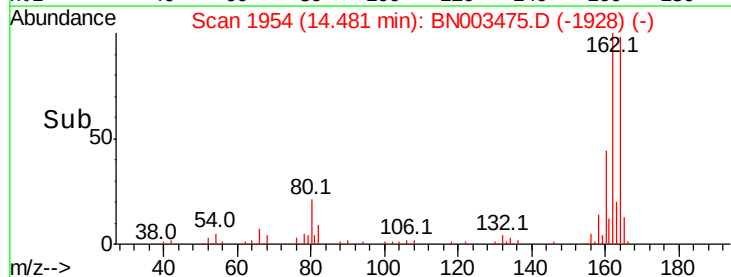
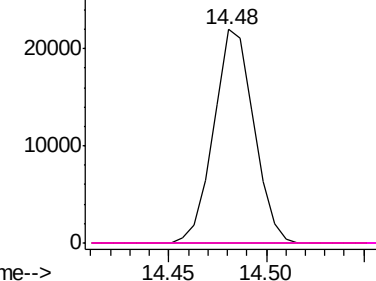


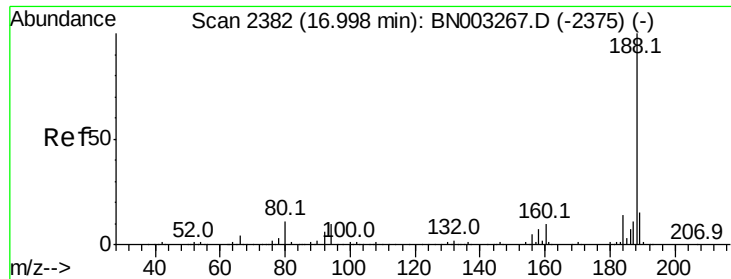
#57
2,4-Dinitrotoluene
Concen: 5.213 ng
RT: 14.48 min Scan# 1954
Delta R.T. -0.38 min
Lab File: BN003475.D
Acq: 09 Nov 2018 17:00

Tgt 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: BN003475.D

Acq: 09 Nov 2018 17:00

Instrument :

BNA_N

ClientSampleId :

EP2-SB-103(14-16)

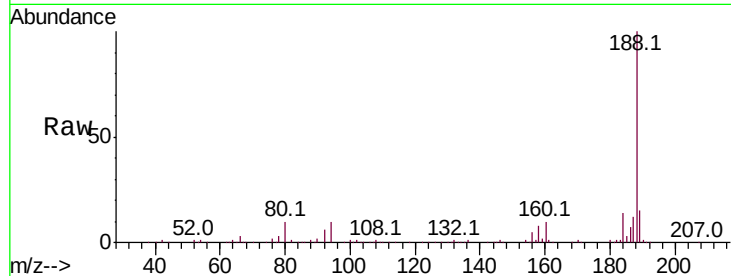
Tot Ion:188 Resp: 523617

Ion Ratio Lower Upper

188 100

94 9.6 8.1 12.1

80 10.1 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO

500000

400000

300000

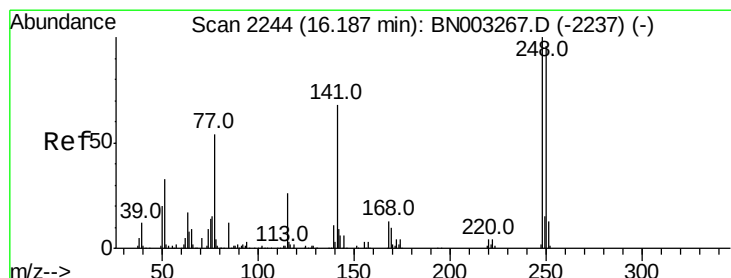
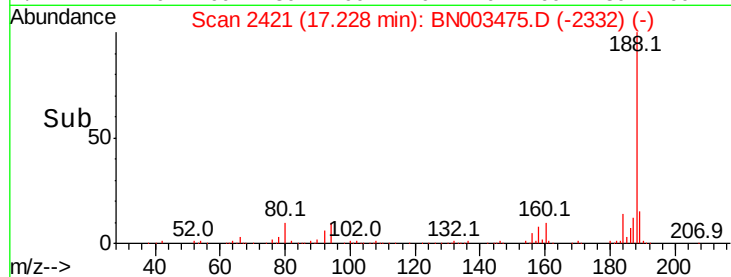
200000

100000

0

17.15 17.20 17.25 17.30

Time-->



#67

4-Bromophenyl-phenylether

Concen: 5.871 ng

RT: 15.97 min Scan# 2208

Delta R.T. -0.45 min

Lab File: BN003475.D

Acq: 09 Nov 2018 17:00

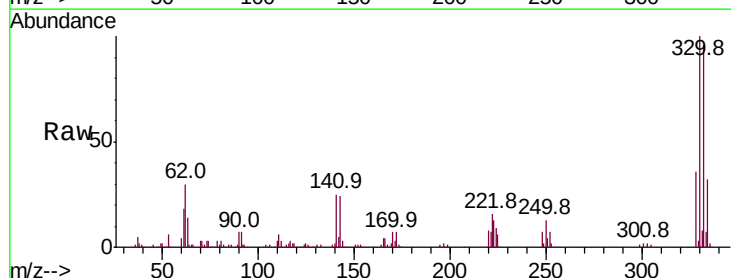
Tgt Ion:248 Resp: 34621

Ion Ratio Lower Upper

248 100

250 198.6 76.4 114.6#

141 377.5 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

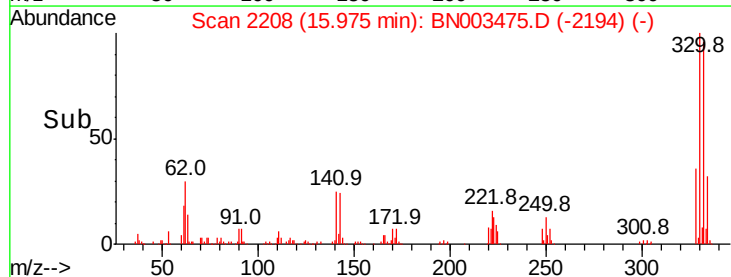
100000

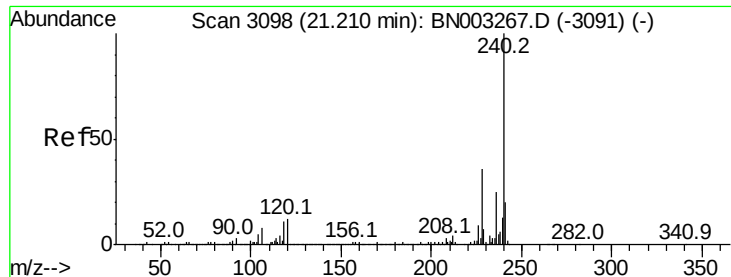
50000

0

15.95 16.00

Time-->

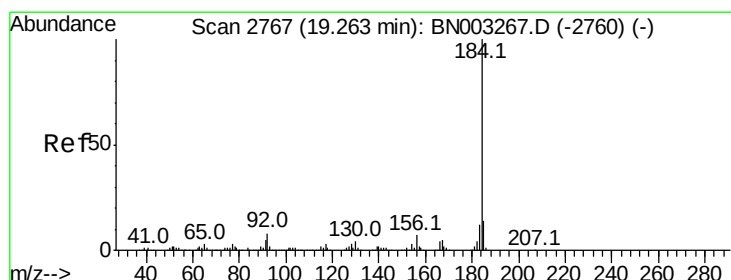
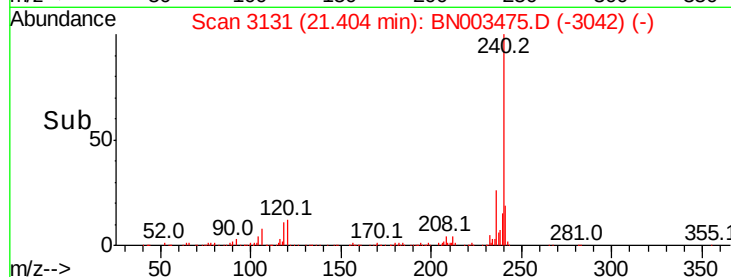
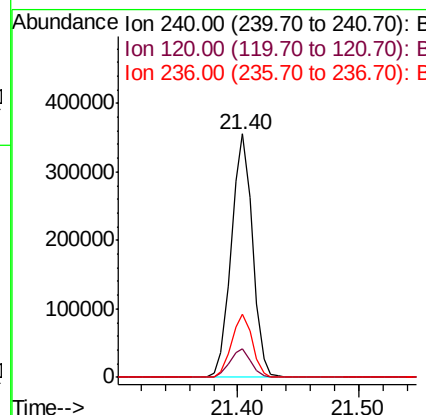
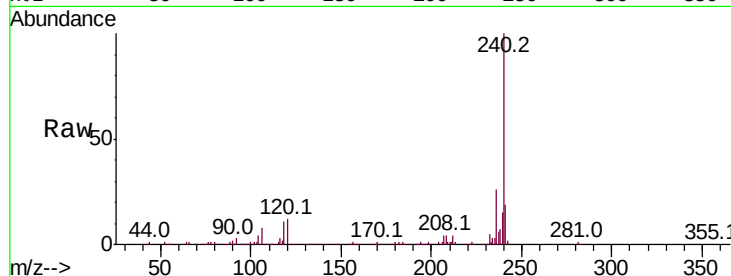




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.40 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BN003475.D
 Acq: 09 Nov 2018 17:00

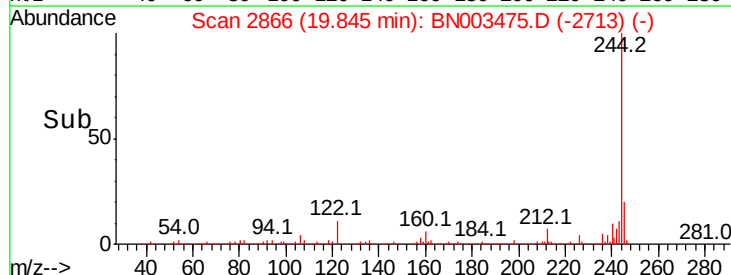
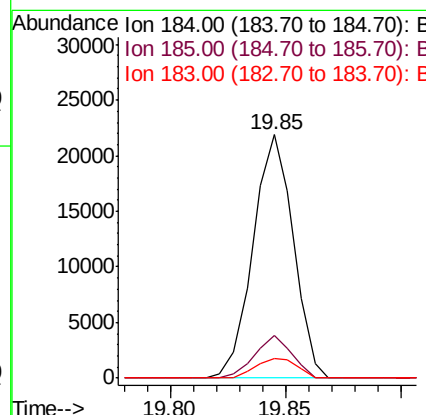
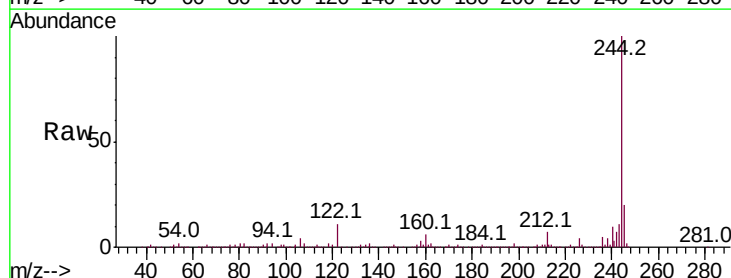
Instrument :
 BNA_N
 ClientSampleId :
 EP2-SB-103(14-16)

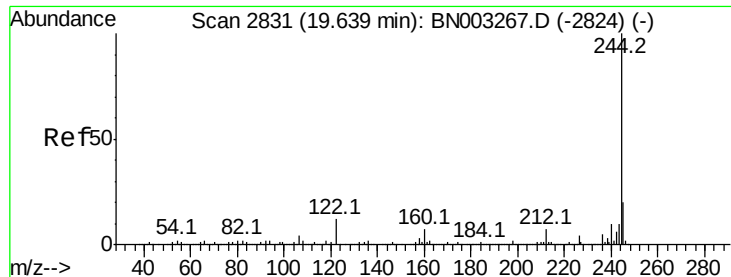
Tot Ion:240 Resp: 432738
 Ion Ratio Lower Upper
 240 100
 120 11.8 9.4 14.0
 236 25.9 20.3 30.5



#77
 Benzidine
 Concen: 2.100 ng
 RT: 19.85 min Scan# 2866
 Delta R.T. 0.37 min
 Lab File: BN003475.D
 Acq: 09 Nov 2018 17:00

Tgt Ion:184 Resp: 26607
 Ion Ratio Lower Upper
 184 100
 185 17.6 11.5 17.3#
 183 8.2 9.4 14.0#





#79

Terphenyl-d14

Concen: 108.966 ng

RT: 19.85 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BN003475.D

Acq: 09 Nov 2018 17:00

Instrument :

BNA_N

ClientSampleId :

EP2-SB-103(14-16)

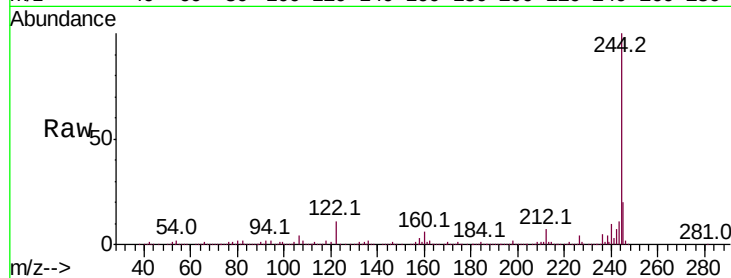
Tot Ion:244 Resp: 2204948

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

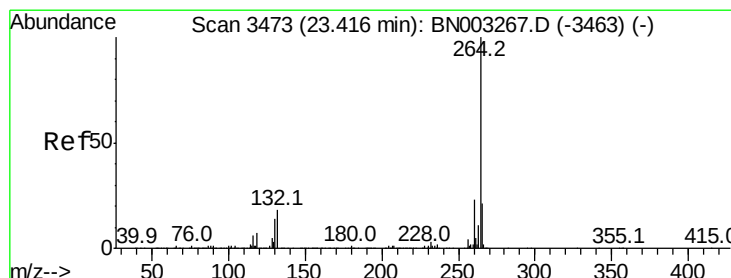
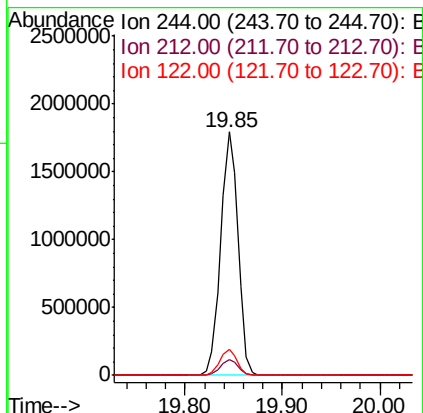
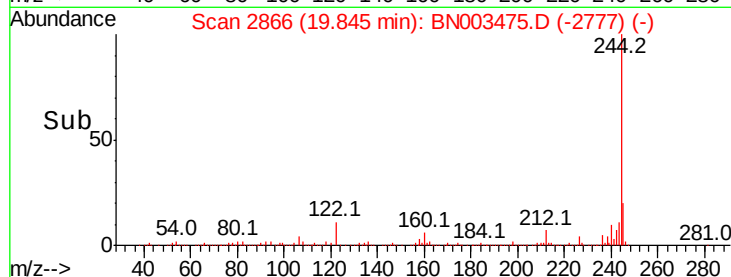
122 10.6 9.4 14.2



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: BN003475.D

Acq: 09 Nov 2018 17:00

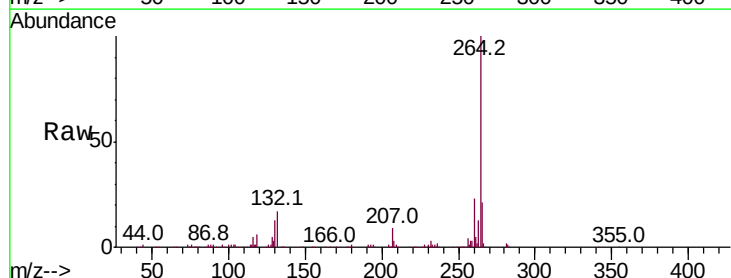
Tgt Ion:264 Resp: 419130

Ion Ratio Lower Upper

264 100

260 23.0 18.5 27.7

265 21.3 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

