

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110918\
 Data File : BN003473.D
 Acq On : 09 Nov 2018 15:50
 Operator : MJ/SJ
 Sample : J5860-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EP2-SB-101(13-15)

Quant Time: Nov 12 03:19:19 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

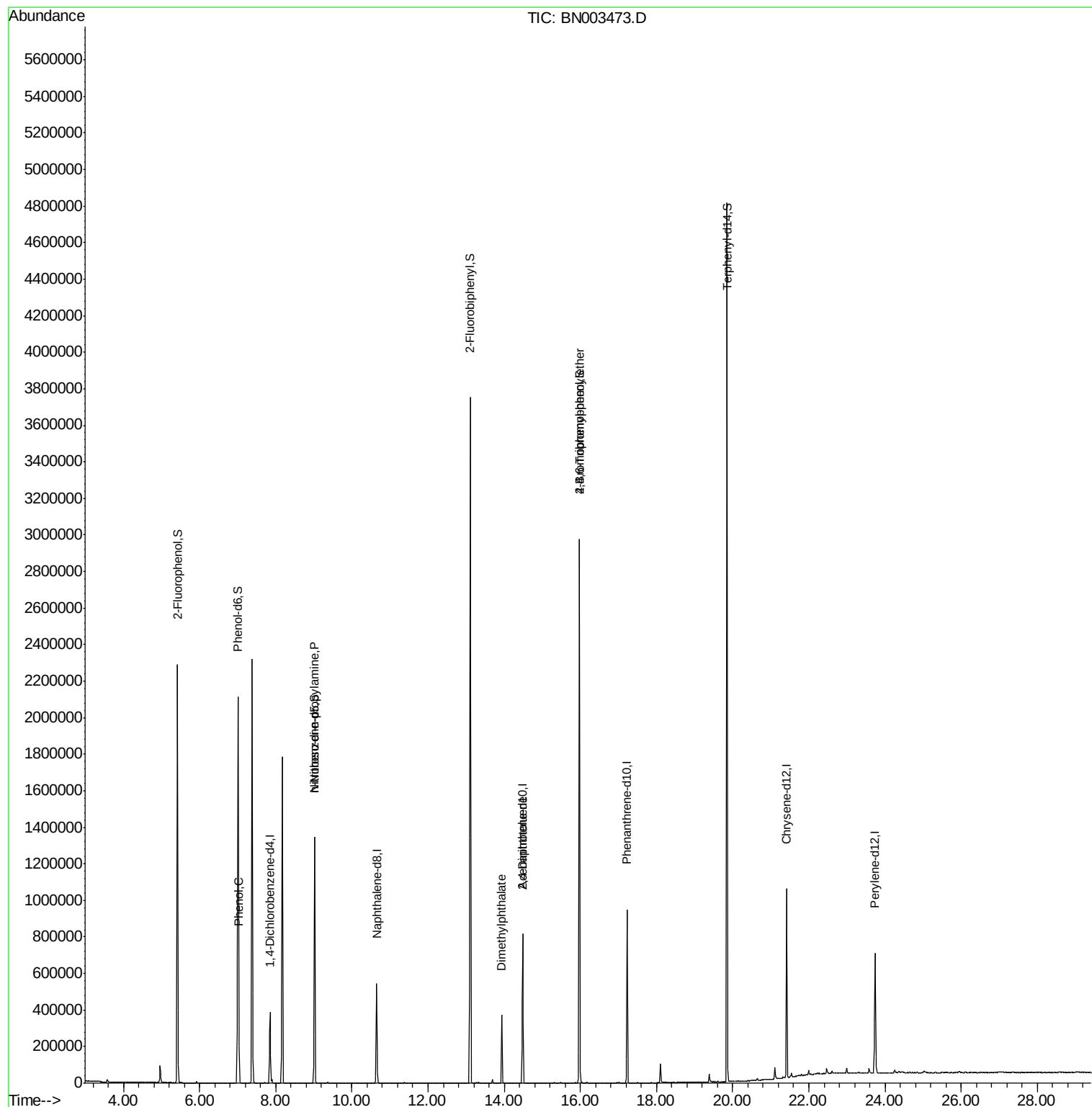
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	112855	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	471280	20.00	ng	0.00
39) Acenaphthene-d10	14.49	164	264885	20.00	ng	0.00
64) Phenanthrene-d10	17.23	188	548877	20.00	ng	0.00
76) Chrysene-d12	21.42	240	461305	20.00	ng	0.00
87) Perylene-d12	23.74	264	472552	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1028804	158.78	ng	0.00
7) Phenol-d6	7.01	99	1358347	147.43	ng	0.00
23) Nitrobenzene-d5	9.02	82	780249	94.95	ng	0.00
42) 2,4,6-Tribromophenol	15.97	330	610716	171.22	ng	0.00
45) 2-Fluorobiphenyl	13.11	172	1998641	102.35	ng	0.00
79) Terphenyl-d14	19.85	244	2363603	109.57	ng	0.00
Target Compounds						
10) Phenol	7.03	94	99430	10.227	ng	98
19) n-Nitroso-di-n-propylamine	9.02	70	98705	14.857	ng	# 74
50) Dimethylphthalate	13.93	163	249312	11.641	ng	99
57) 2,4-Dinitrotoluene	14.49	165	34120	5.177	ng	# 20
67) 4-Bromophenyl-phenylether	15.97	248	39755	6.431	ng	# 1

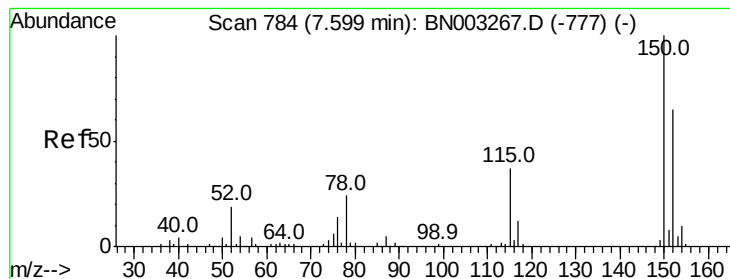
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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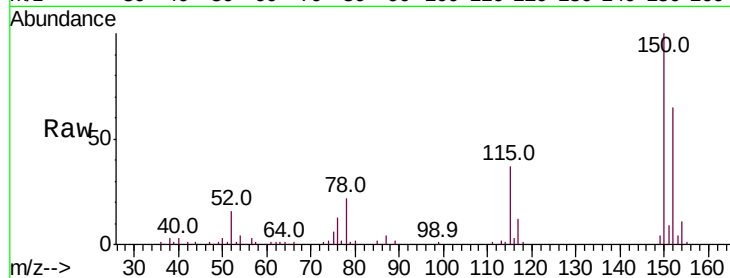


#1

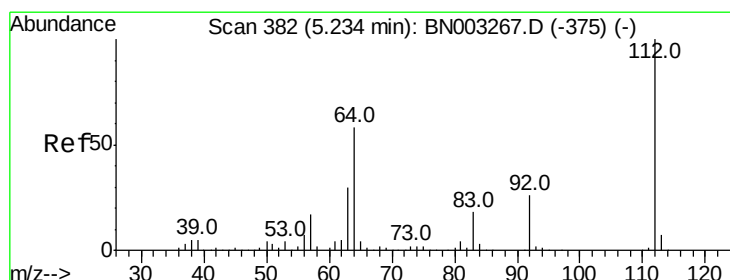
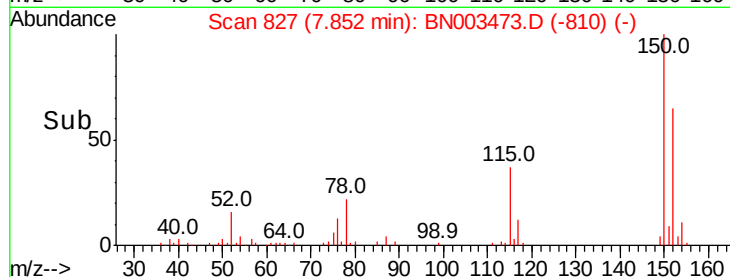
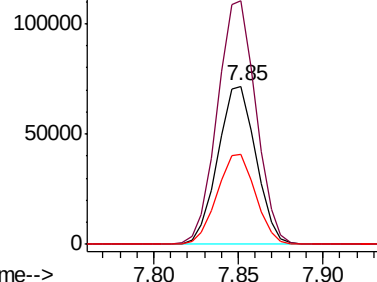
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 827
Delta R.T. 0.00 min
Lab File: BN003473.D
Acq: 09 Nov 2018 15:50

Instrument :
BNA_N
ClientSampleId :
EP2-SB-101(13-15)

Tot Ion:152 Resp: 112855
Ion Ratio Lower Upper
152 100
150 154.2 123.8 185.8
115 57.1 45.9 68.9



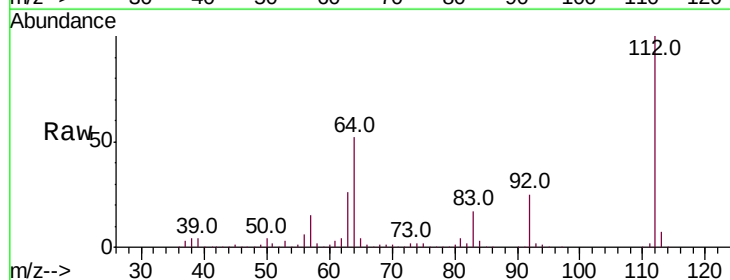
Abundance Ion 152.00 (151.70 to 152.70): E
150000 Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



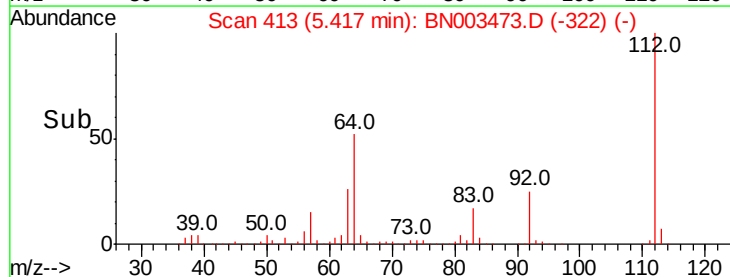
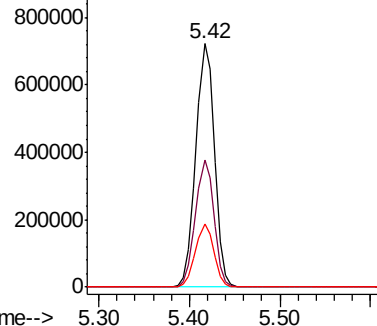
#5

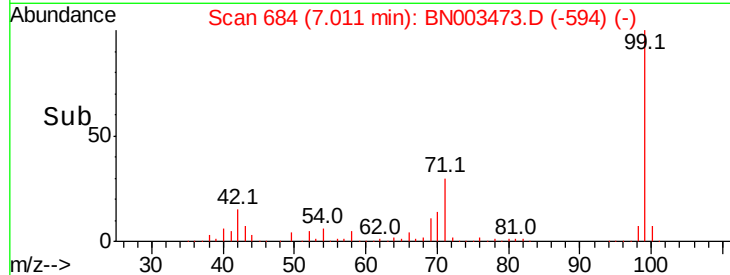
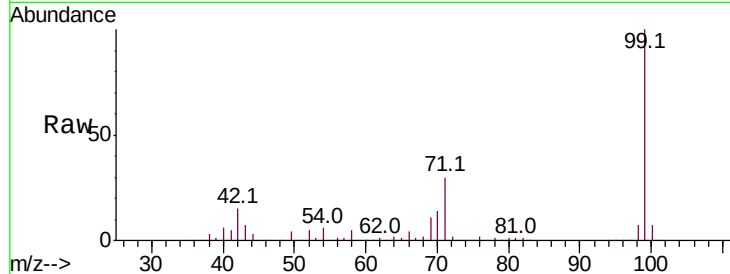
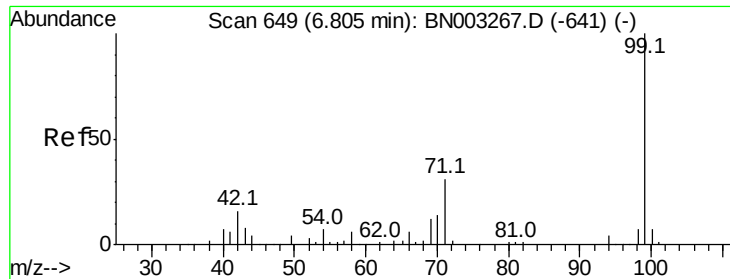
2-Fluorophenol
Concen: 158.780 ng
RT: 5.42 min Scan# 413
Delta R.T. 0.01 min
Lab File: BN003473.D
Acq: 09 Nov 2018 15:50

Tgt Ion:112 Resp: 1028804
Ion Ratio Lower Upper
112 100
64 52.1 46.6 69.8
63 26.0 23.8 35.8



Abundance Ion 112.00 (111.70 to 112.70): E
1000000 Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC





#7

Phenol-d6

Concen: 147.431 ng

RT: 7.01 min Scan# 684

Delta R.T. 0.00 min

Lab File: BN003473.D

Acq: 09 Nov 2018 15:50

Instrument :

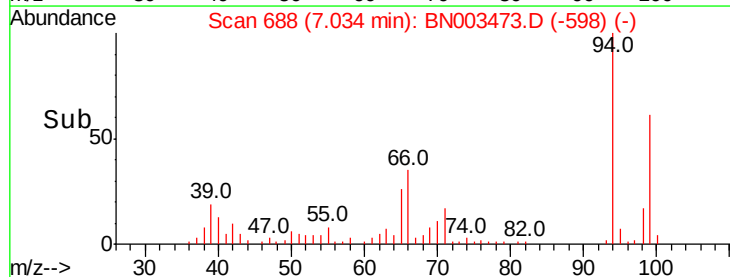
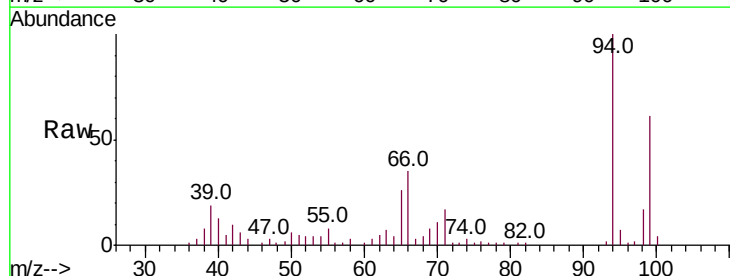
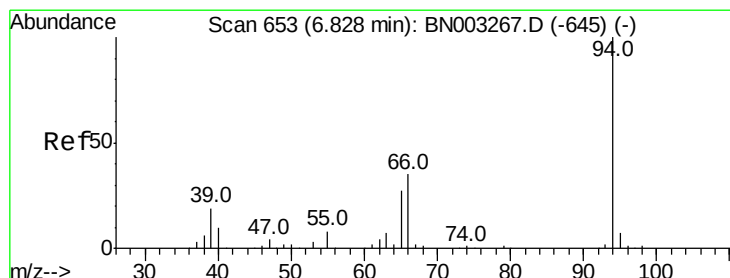
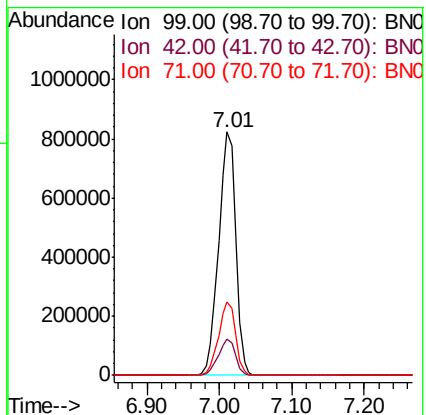
BNA_N

ClientSampleId :

EP2-SB-101(13-15)

Tot Ion: 99 Resp: 1358347

Ion	Ratio	Lower	Upper
99	100		
42	14.7	13.0	19.6
71	30.2	24.5	36.7



#10

Phenol

Concen: 10.227 ng

RT: 7.03 min Scan# 688

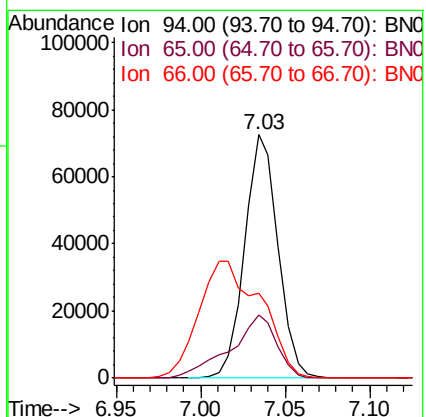
Delta R.T. 0.00 min

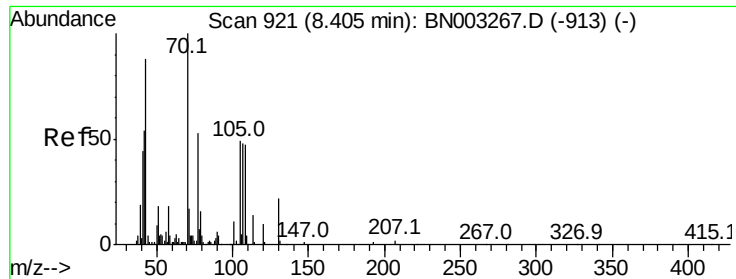
Lab File: BN003473.D

Acq: 09 Nov 2018 15:50

Tgt Ion: 94 Resp: 99430

Ion	Ratio	Lower	Upper
94	100		
65	26.0	7.7	47.7
66	35.1	15.8	55.8

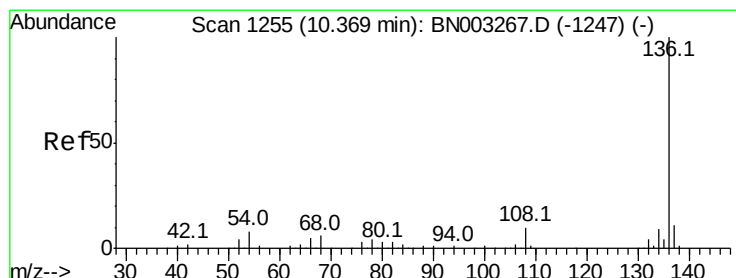
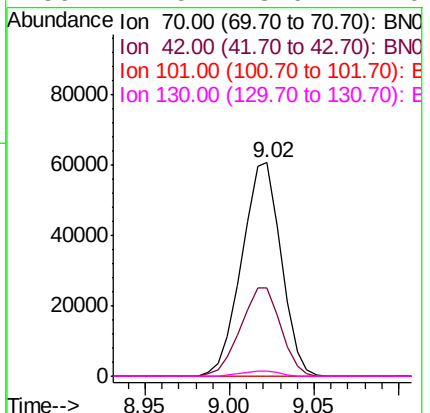
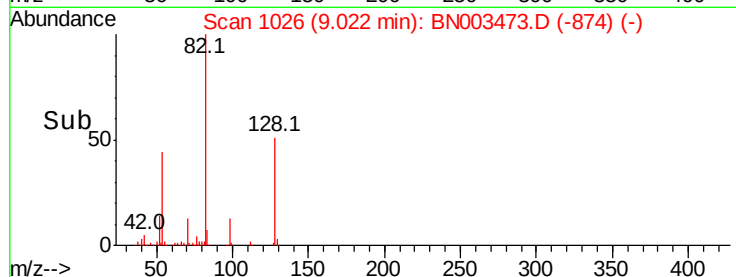
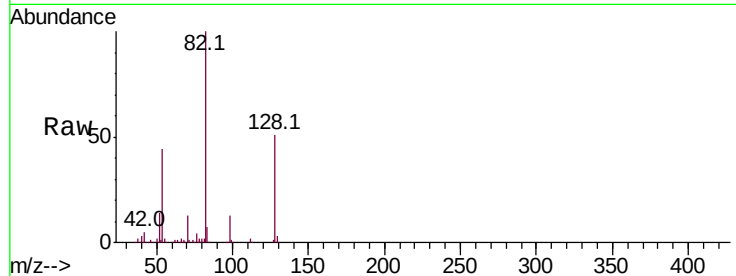




#19
n-Nitroso-di-n-propylamine
Concen: 14.857 ng
RT: 9.02 min Scan# 1026
Delta R.T. 0.36 min
Lab File: BN003473.D
Acq: 09 Nov 2018 15:50

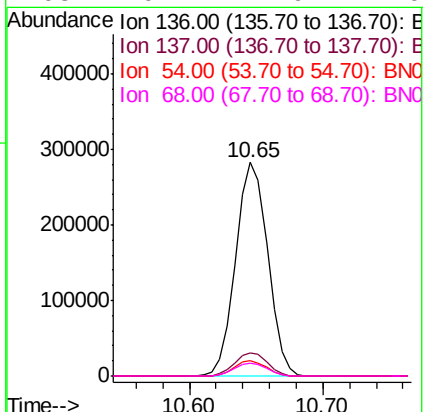
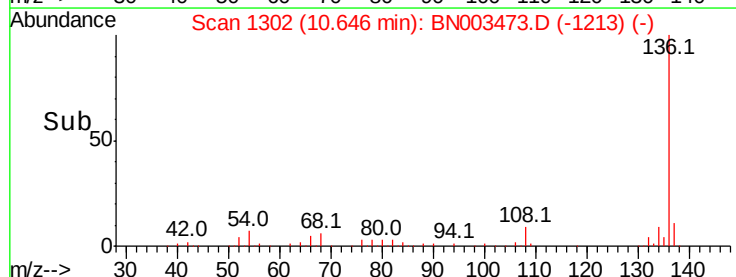
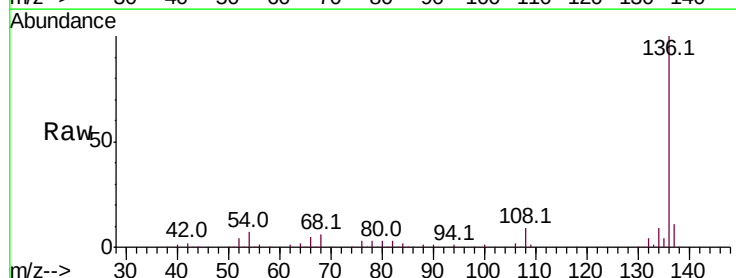
Instrument :
BNA_N
ClientSampleId :
EP2-SB-101(13-15)

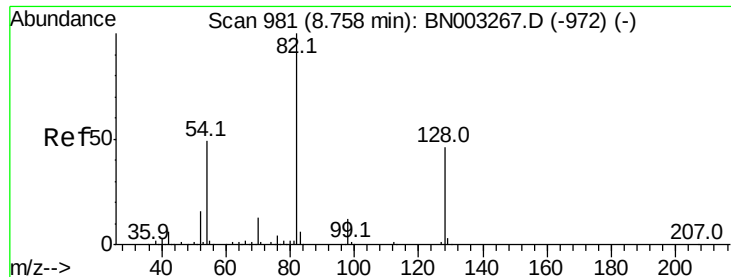
Tot Ion: 70 Resp: 98705
Ion Ratio Lower Upper
70 100
42 41.1 43.5 65.3#
101 0.0 8.6 12.8#
130 2.5 18.0 27.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.65 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BN003473.D
Acq: 09 Nov 2018 15:50

Tgt Ion: 136 Resp: 471280
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.2 6.6 10.0
68 6.1 4.6 7.0

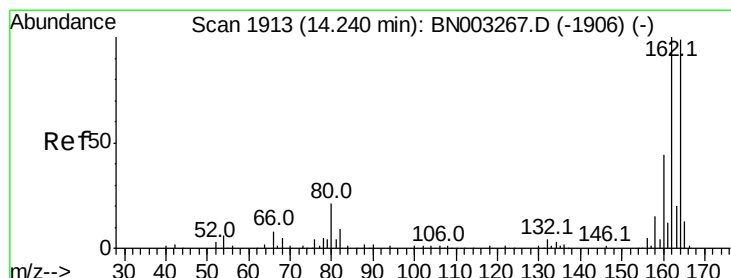
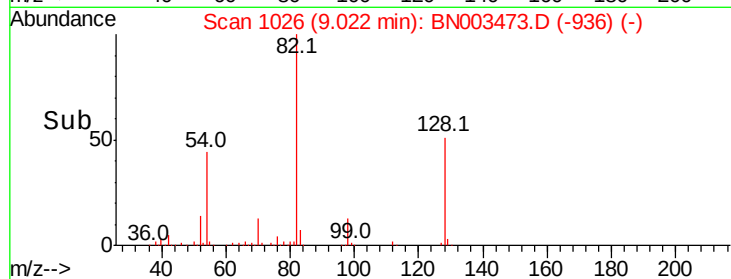
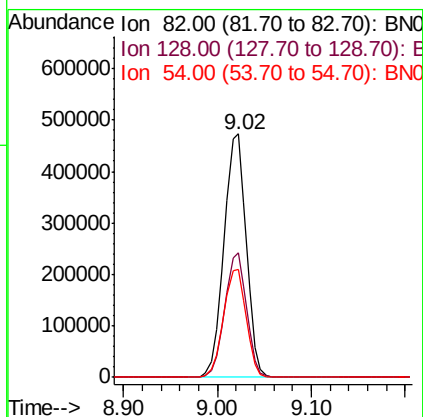
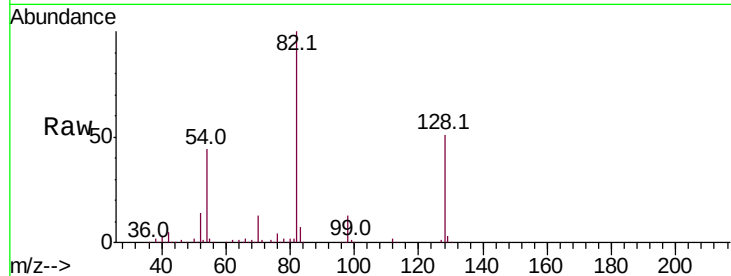




#23
Nitrobenzene-d5
Concen: 94.947 ng
RT: 9.02 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BN003473.D
Acq: 09 Nov 2018 15:50

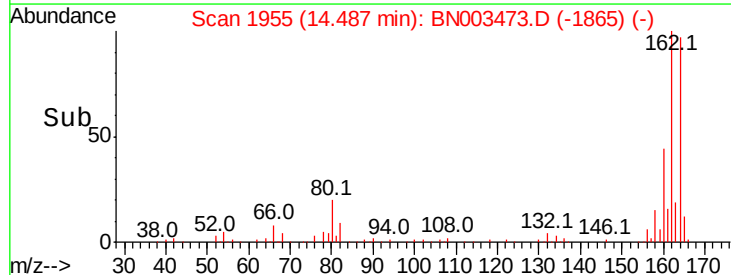
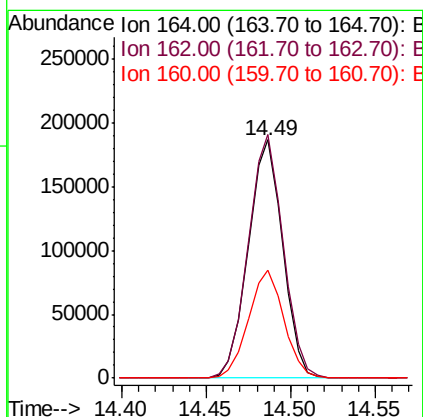
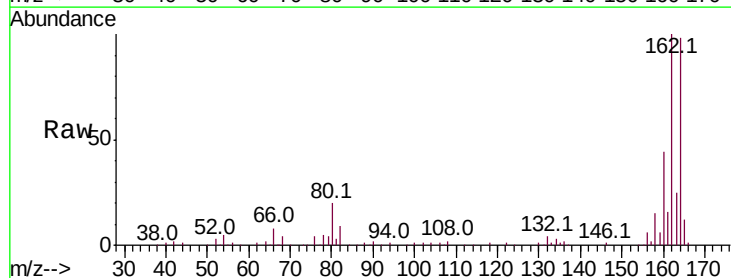
Instrument :
BNA_N
ClientSampleId :
EP2-SB-101(13-15)

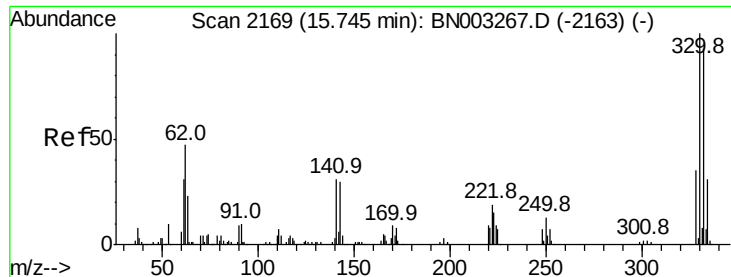
Tot Ion: 82 Resp: 780249
Ion Ratio Lower Upper
82 100
128 51.2 37.1 55.7
54 44.2 39.4 59.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.49 min Scan# 1955
Delta R.T. 0.00 min
Lab File: BN003473.D
Acq: 09 Nov 2018 15:50

Tgt Ion:164 Resp: 264885
Ion Ratio Lower Upper
164 100
162 102.3 80.8 121.2
160 45.4 35.5 53.3

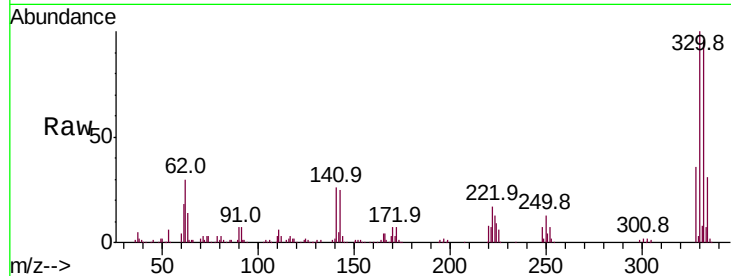




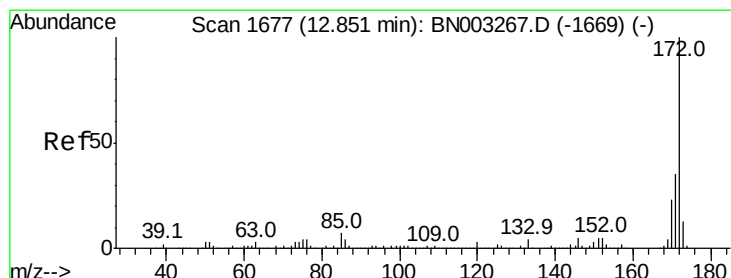
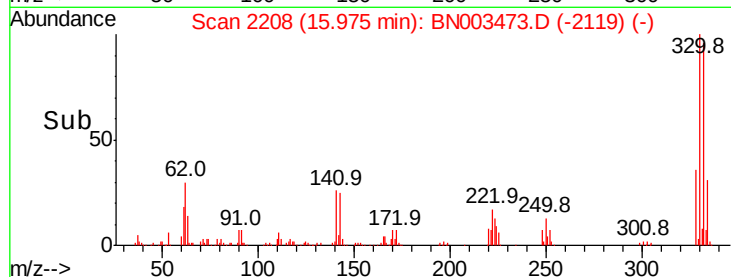
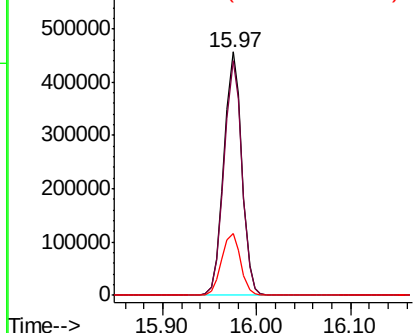
#42
 2,4,6-Tribromophenol
 Concen: 171.224 ng
 RT: 15.97 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BN003473.D
 Acq: 09 Nov 2018 15:50

Instrument :
 BNA_N
 ClientSampleId :
 EP2-SB-101(13-15)

Tot Ion:330 Resp: 610716
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 114.8
 141 26.7 24.5 36.7

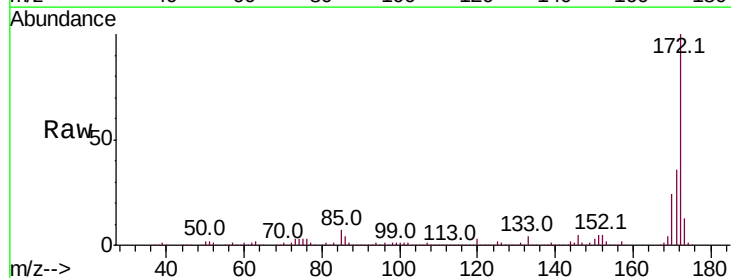


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

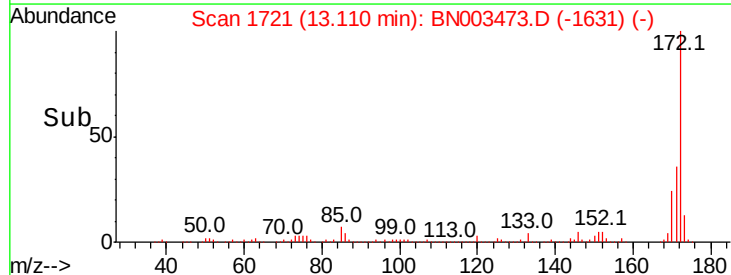
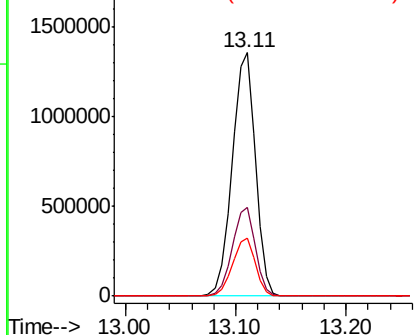


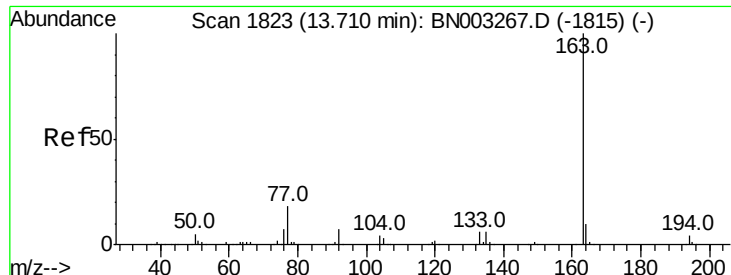
#45
 2-Fluorobiphenyl
 Concen: 102.347 ng
 RT: 13.11 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: BN003473.D
 Acq: 09 Nov 2018 15:50

Tgt Ion:172 Resp: 1998641
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.2 42.4
 170 23.8 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: 11.641 ng

RT: 13.93 min Scan# 1861

Delta R.T. -0.02 min

Lab File: BN003473.D

Acq: 09 Nov 2018 15:50

Instrument :

BNA_N

ClientSampleId :

EP2-SB-101(13-15)

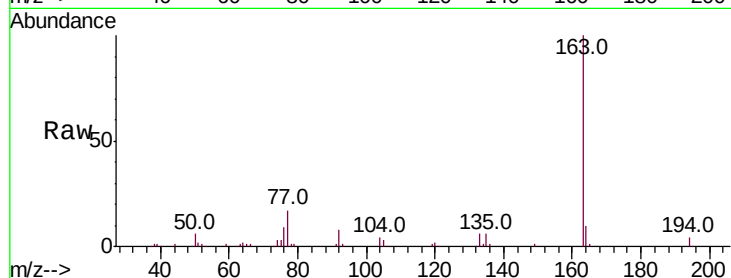
Tot Ion:163 Resp: 249312

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

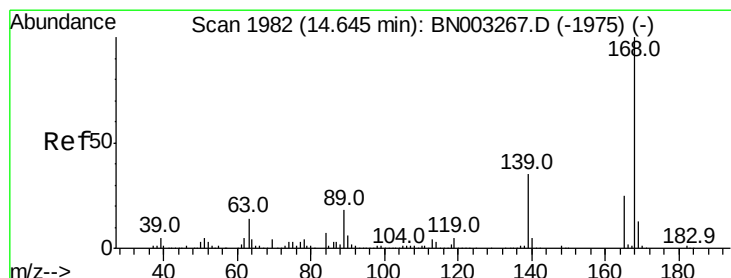
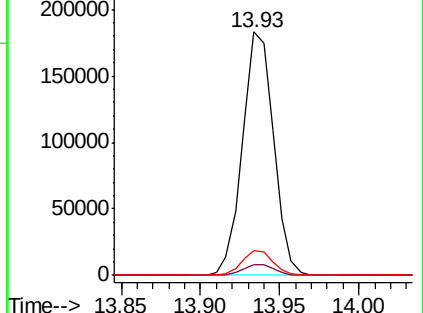
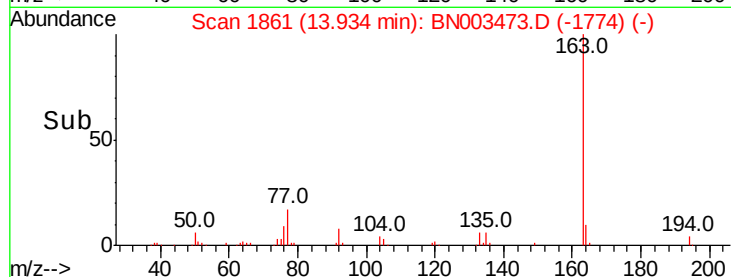
164 10.4 7.9 11.9



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: 5.177 ng

RT: 14.49 min Scan# 1955

Delta R.T. -0.37 min

Lab File: BN003473.D

Acq: 09 Nov 2018 15:50

Tgt Ion:165 Resp: 34120

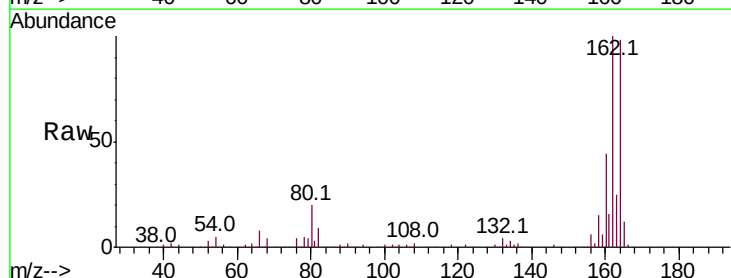
Ion Ratio Lower Upper

165 100

63 0.0 45.8 68.6#

89 1.4 58.7 88.1#

182 0.0 2.3 3.5#

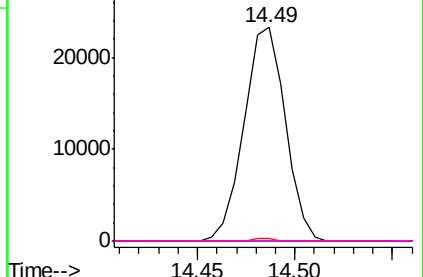
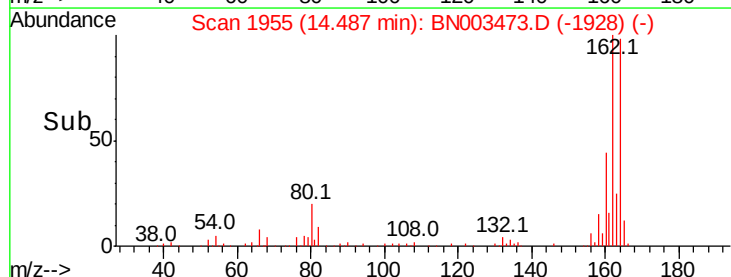


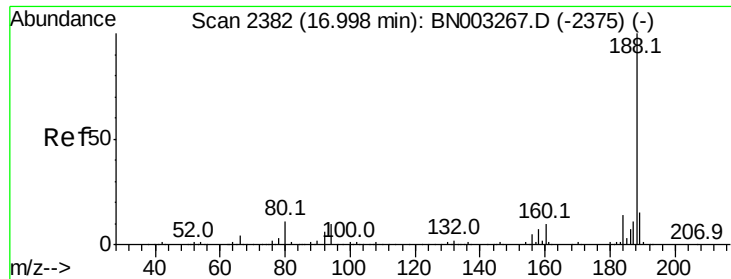
Abundance Ion 165.00 (164.70 to 165.70): E

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: BN003473.D

Acq: 09 Nov 2018 15:50

Instrument :

BNA_N

ClientSampleId :

EP2-SB-101(13-15)

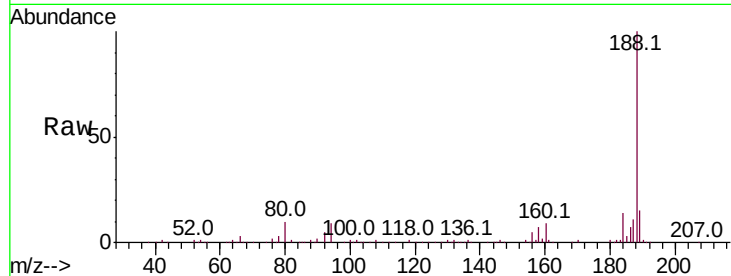
Tot Ion:188 Resp: 548877

Ion Ratio Lower Upper

188 100

94 9.1 8.1 12.1

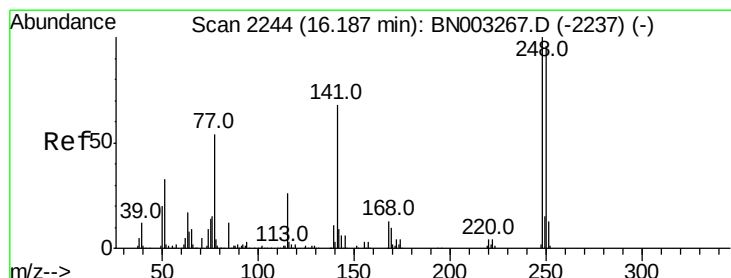
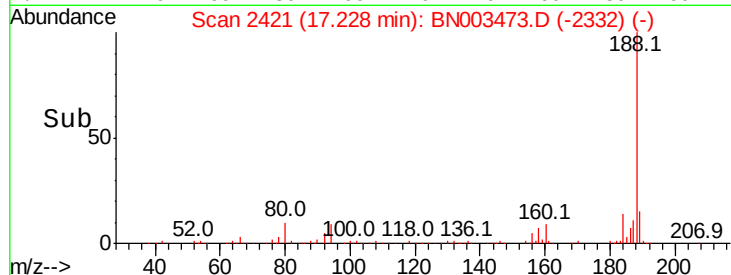
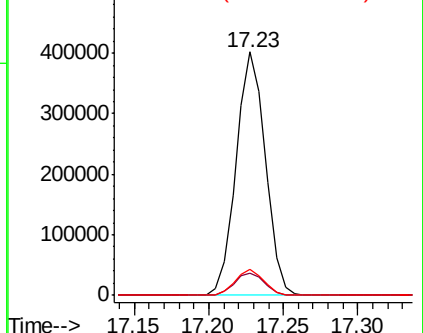
80 10.4 8.6 13.0



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: 6.431 ng

RT: 15.97 min Scan# 2208

Delta R.T. -0.45 min

Lab File: BN003473.D

Acq: 09 Nov 2018 15:50

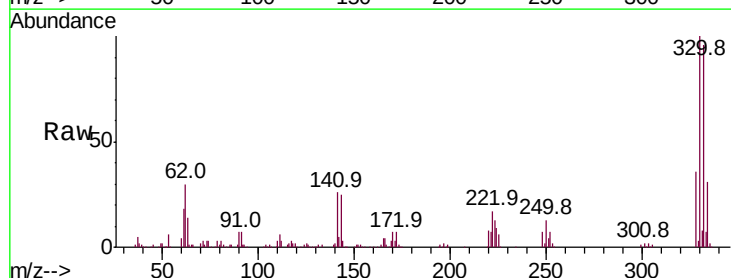
Tgt Ion:248 Resp: 39755

Ion Ratio Lower Upper

248 100

250 199.7 76.4 114.6#

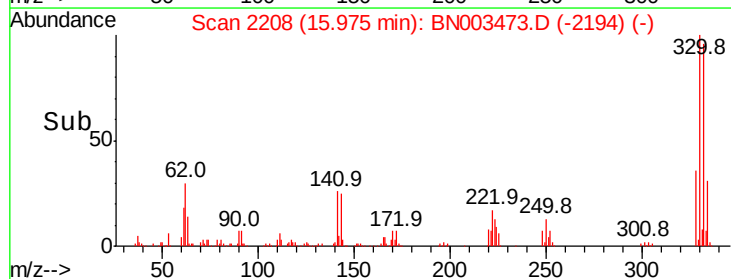
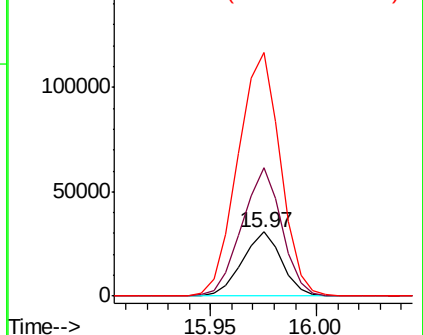
141 379.8 54.2 81.4#

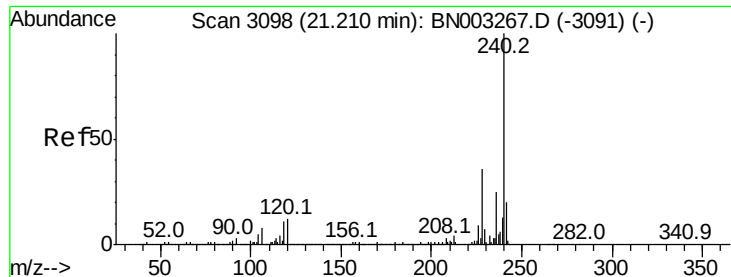


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

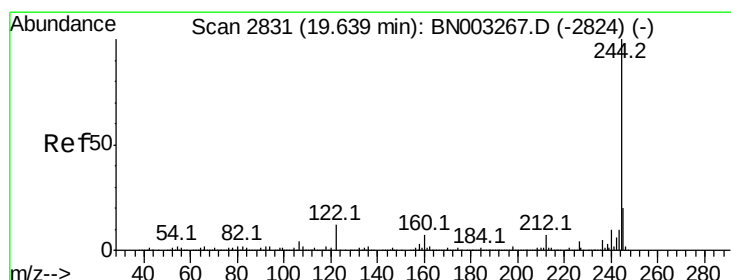
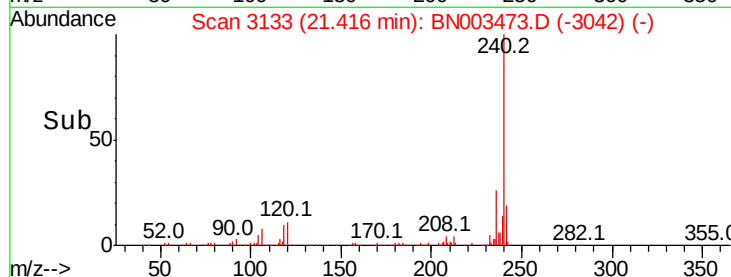
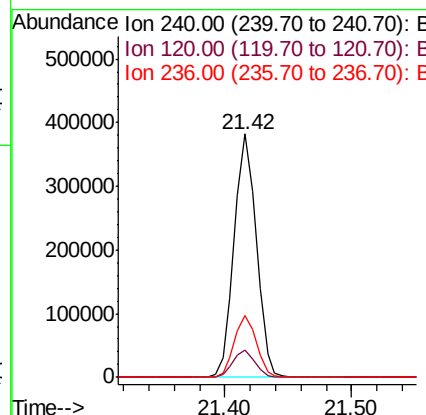
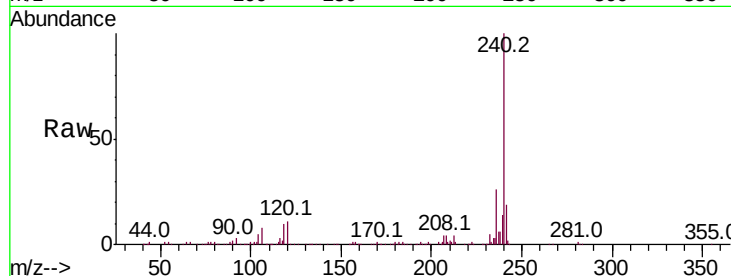




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.42 min Scan# 3133
 Delta R.T. 0.01 min
 Lab File: BN003473.D
 Acq: 09 Nov 2018 15:50

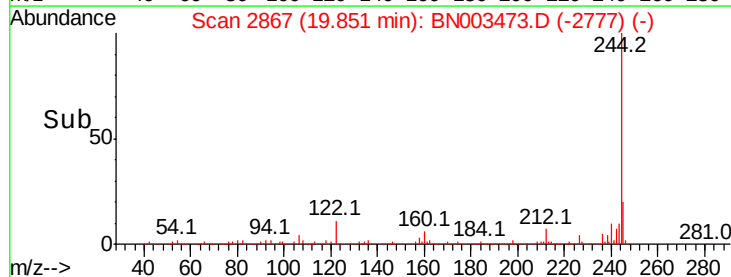
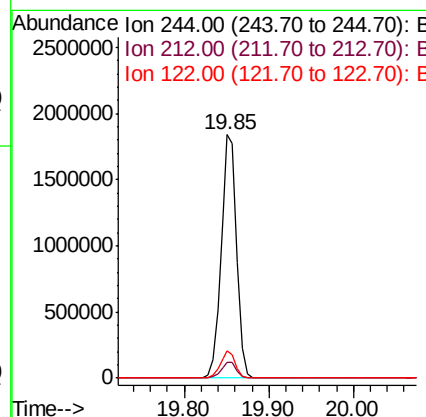
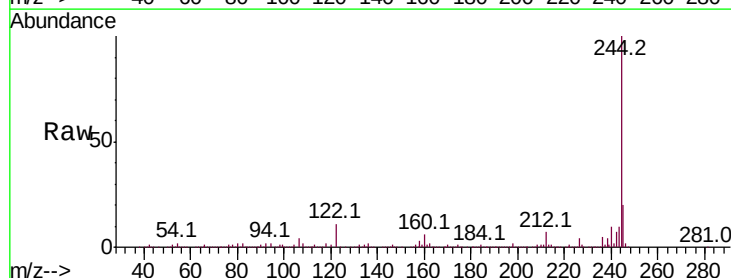
Instrument :
 BNA_N
 ClientSampleId :
 EP2-SB-101(13-15)

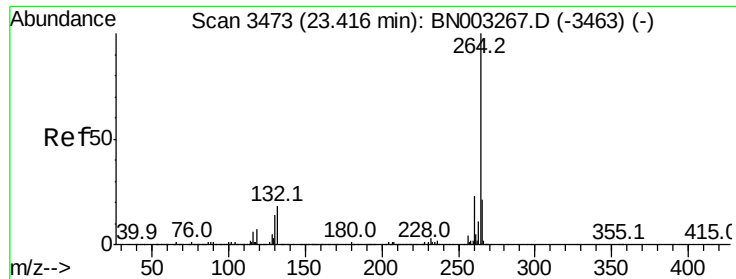
Tot Ion:240 Resp: 461305
 Ion Ratio Lower Upper
 240 100
 120 11.3 9.4 14.0
 236 25.6 20.3 30.5



#79
 Terphenyl-d14
 Concen: 109.573 ng
 RT: 19.85 min Scan# 2867
 Delta R.T. 0.00 min
 Lab File: BN003473.D
 Acq: 09 Nov 2018 15:50

Tgt Ion:244 Resp: 2363603
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 11.1 9.4 14.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.74 min Scan# 3528
Delta R.T. 0.01 min
Lab File: BN003473.D
Acq: 09 Nov 2018 15:50

Instrument :
BNA_N
ClientSampleId :
EP2-SB-101(13-15)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.5	27.7
265	21.4	16.6	25.0

