

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110618\
 Data File : BN003449.D
 Acq On : 07 Nov 2018 01:34
 Operator : MJ/SJ
 Sample : PB114560TB
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 07 08:30:48 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

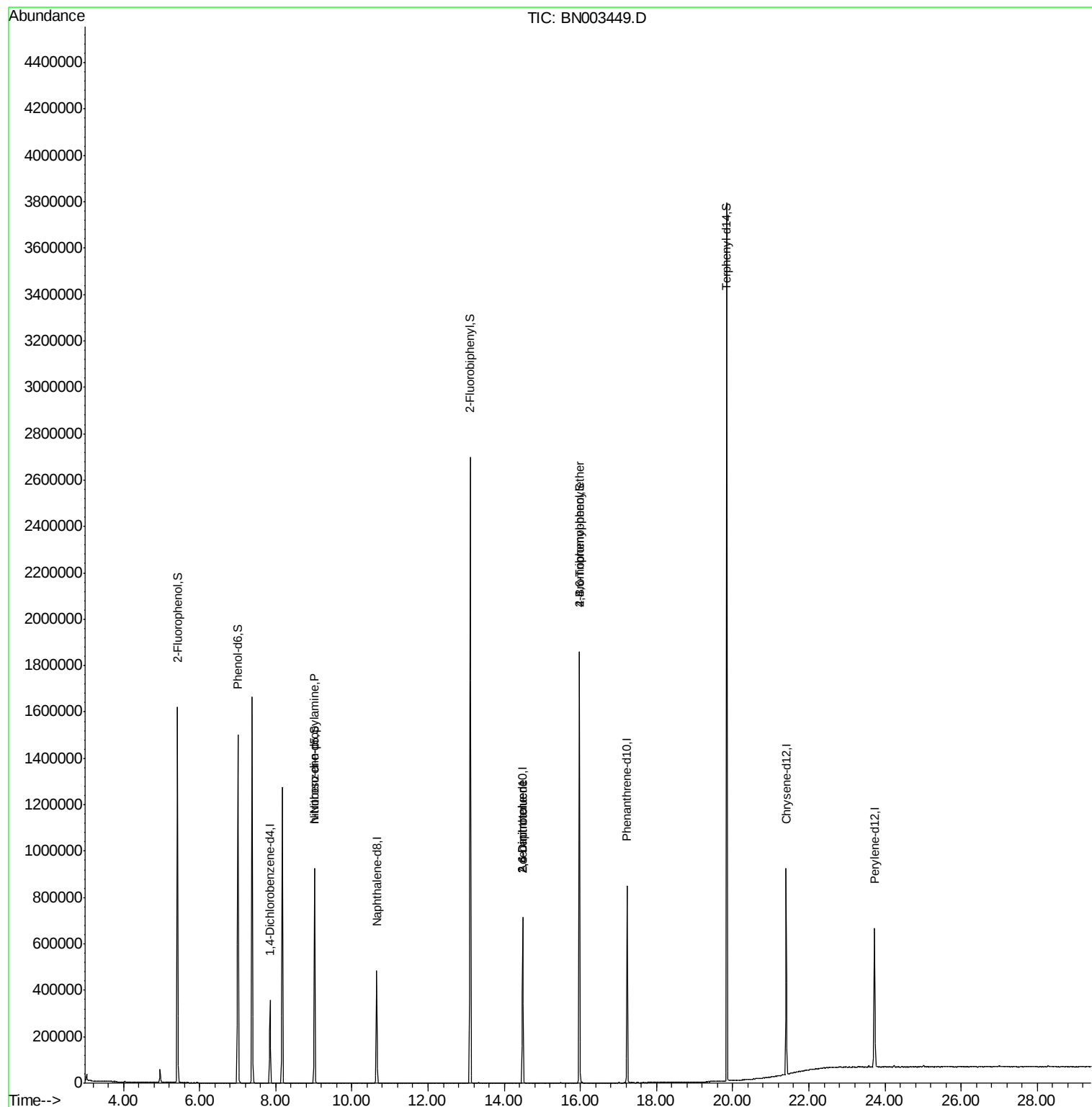
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	99796	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	412458	20.00	ng	0.00
39) Acenaphthene-d10	14.49	164	239958	20.00	ng	0.00
64) Phenanthrene-d10	17.23	188	495090	20.00	ng	0.00
76) Chrysene-d12	21.40	240	410191	20.00	ng	0.00
87) Perylene-d12	23.72	264	430718	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	716309	125.02	ng	0.00
7) Phenol-d6	7.01	99	939298	115.29	ng	0.00
23) Nitrobenzene-d5	9.02	82	524445	72.92	ng	0.00
42) 2,4,6-Tribromophenol	15.97	330	380469	117.75	ng	0.00
45) 2-Fluorobiphenyl	13.11	172	1454485	82.22	ng	0.00
79) Terphenyl-d14	19.85	244	1766499	92.10	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.02	70	66450	11.31	ng	# 76
51) 2,6-Dinitrotoluene	14.49	165	30934	7.02	ng	# 28
57) 2,4-Dinitrotoluene	14.49	165	30934	5.18	ng	# 19
67) 4-Bromophenyl-phenylether	15.97	248	24392	4.37	ng	# 1

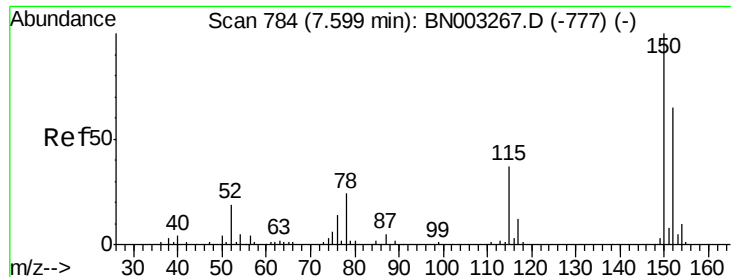
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : PB114560TB
Misc :
ALS Vial : 14 Sample Multiplier: 1

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BNA_N
ClientSampleId :

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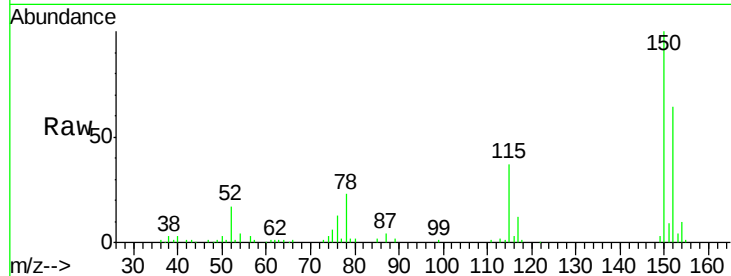


#1

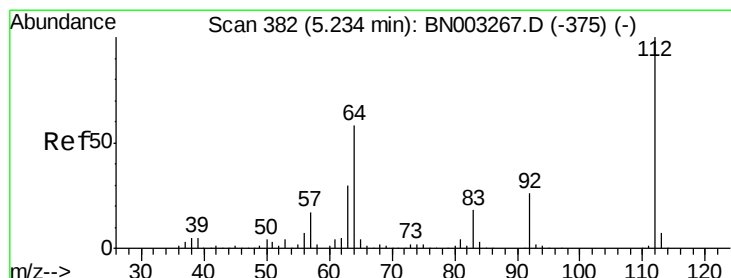
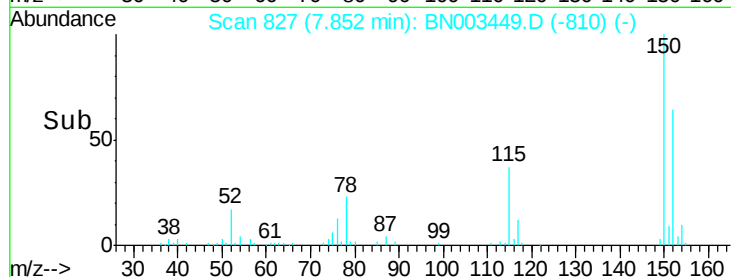
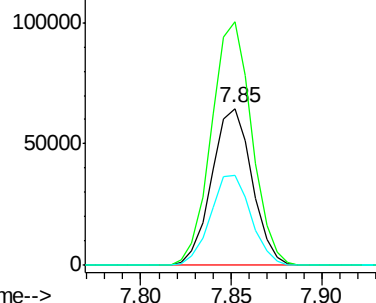
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 827
Delta R.T. 0.00 min
Lab File: BN003449.D
Acq: 07 Nov 2018 01:34

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 99796
Ion Ratio Lower Upper
152 100
150 155.1 123.8 185.8
115 57.7 45.9 68.9



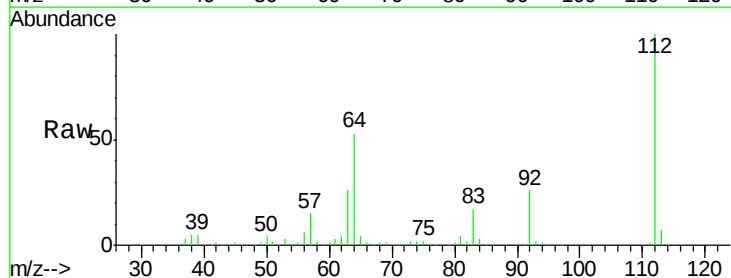
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



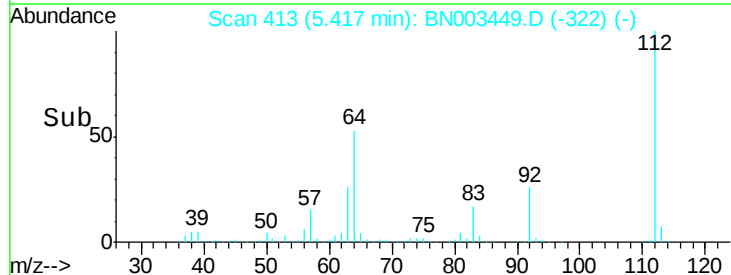
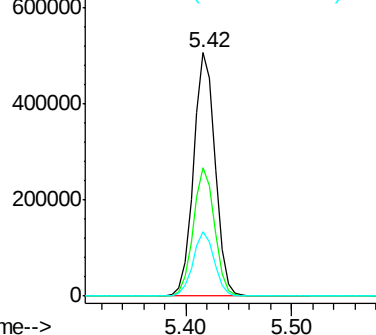
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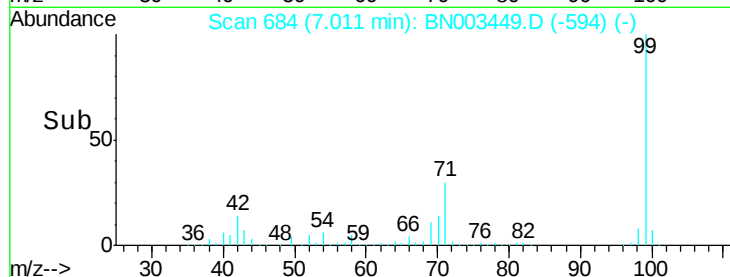
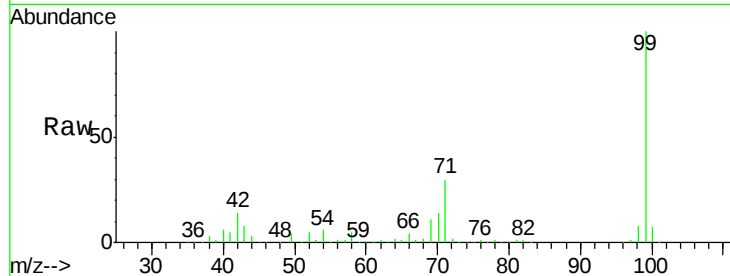
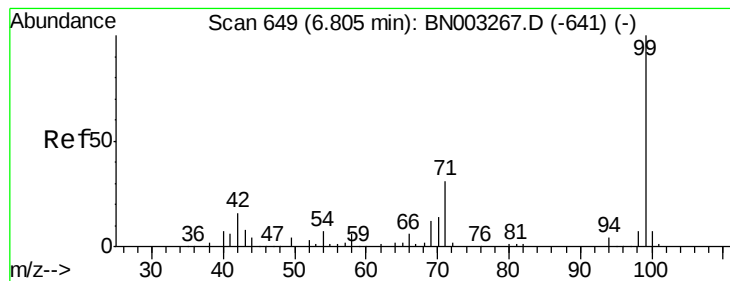
2-Fluorophenol
Concen: 125.02 ng
RT: 5.42 min Scan# 413
Delta R.T. 0.01 min
Lab File: BN003449.D
Acq: 07 Nov 2018 01:34

Tgt Ion:112 Resp: 716309
Ion Ratio Lower Upper
112 100
64 52.8 46.6 69.8
63 26.2 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: 115.29 ng

RT: 7.01 min Scan# 684

Delta R.T. 0.00 min

Lab File: BN003449.D

Acq: 07 Nov 2018 01:34

Instrument :

BNA_N

ClientSampleId :

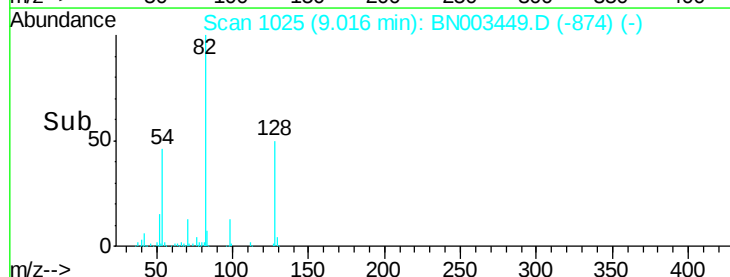
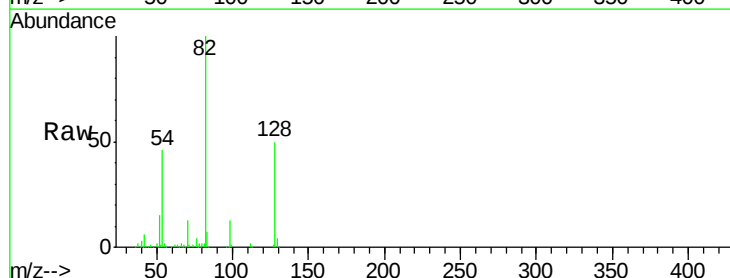
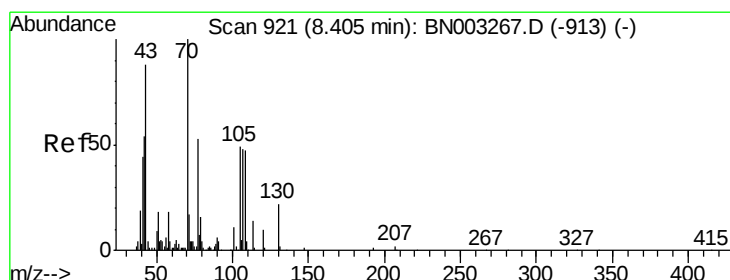
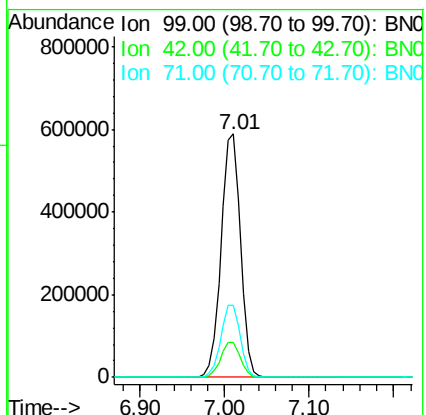
Tot Ion: 99 Resp: 939298

Ion Ratio Lower Upper

99 100

42 14.5 13.0 19.6

71 29.6 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 11.31 ng

RT: 9.02 min Scan# 1025

Delta R.T. 0.36 min

Lab File: BN003449.D

Acq: 07 Nov 2018 01:34

Tgt Ion: 70 Resp: 66450

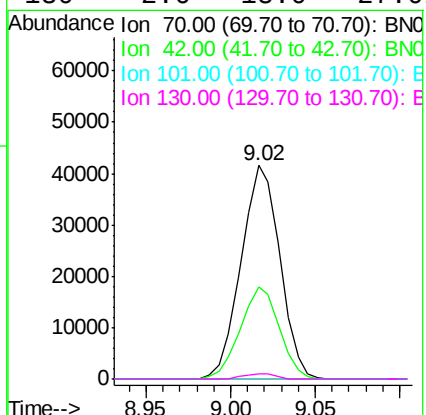
Ion Ratio Lower Upper

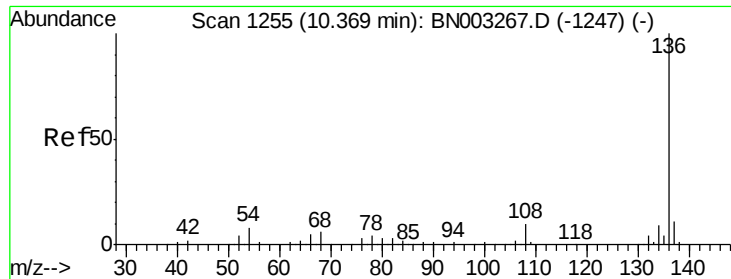
70 100

42 43.3 43.5 65.3#

101 0.0 8.6 12.8#

130 2.6 18.0 27.0#

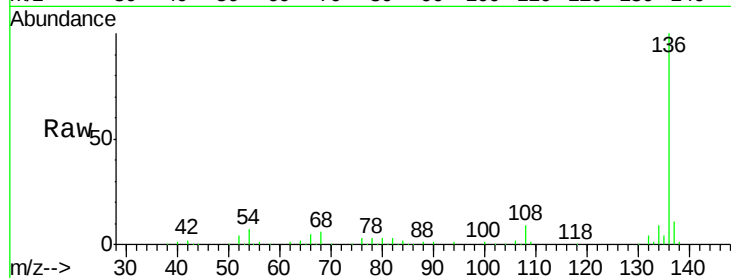




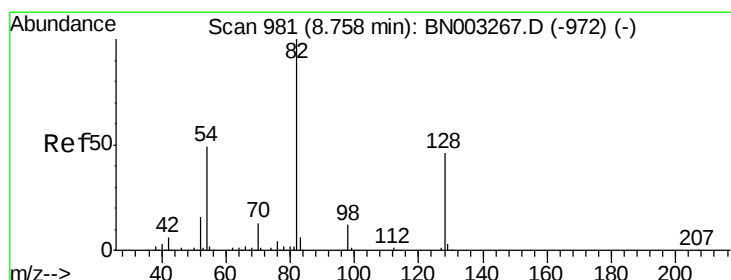
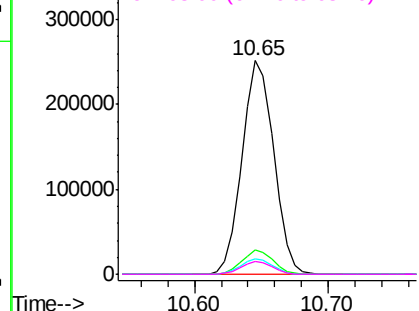
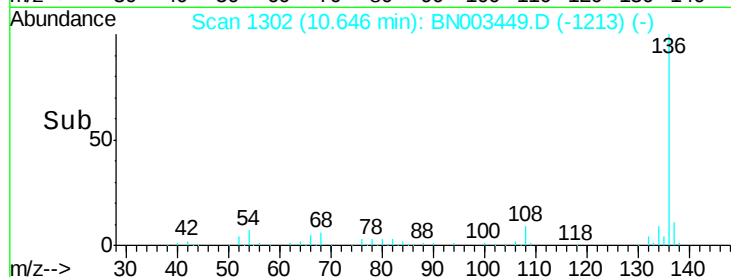
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.65 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BN003449.D
Acq: 07 Nov 2018 01:34

Instrument :
BNA_N
ClientSampleId :

Tot Ion:136	Resp:	412458
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.7 13.1
54	7.3	6.6 10.0
68	6.3	4.6 7.0

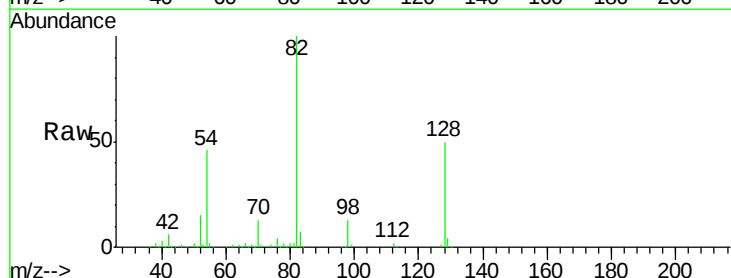


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

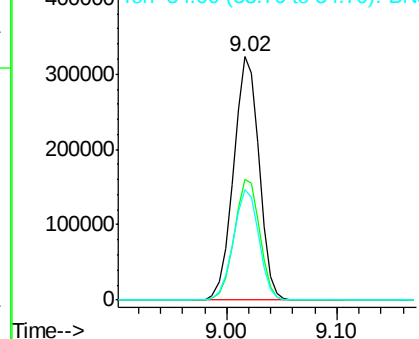
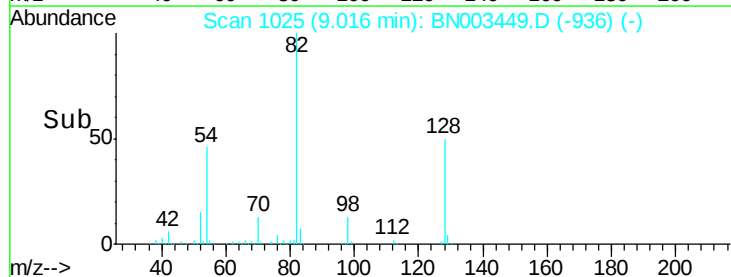


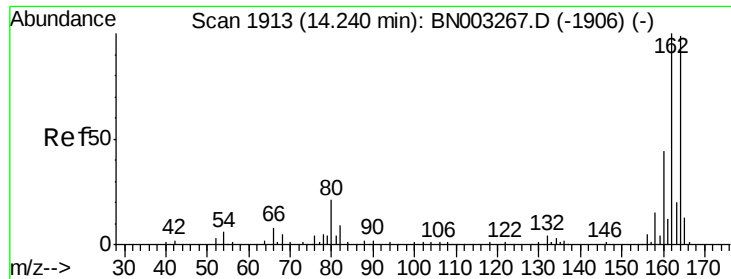
#23
Nitrobenzene-d5
Concen: 72.92 ng
RT: 9.02 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BN003449.D
Acq: 07 Nov 2018 01:34

Tgt Ion: 82	Resp:	524445
Ion Ratio	Lower	Upper
82	100	
128	49.7	37.1 55.7
54	45.5	39.4 59.2



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





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.49 min Scan# 1955

Delta R.T. 0.00 min

Lab File: BN003449.D

Acq: 07 Nov 2018 01:34

Instrument :

BNA_N

ClientSampleId :

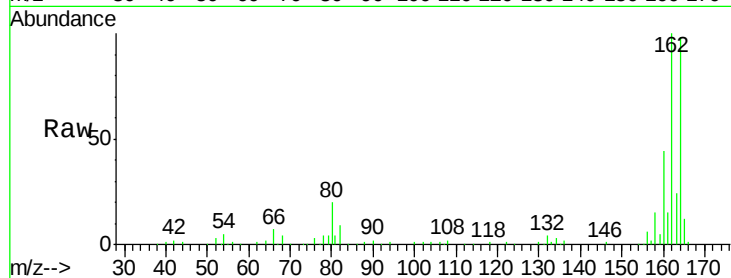
Tot Ion:164 Resp: 239958

Ion Ratio Lower Upper

164 100

162 102.4 80.8 121.2

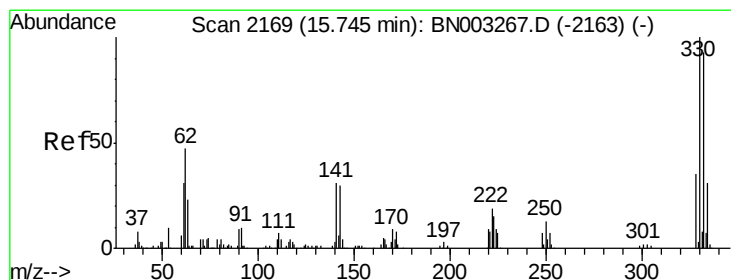
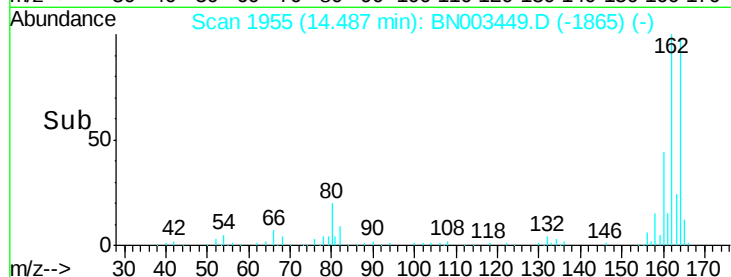
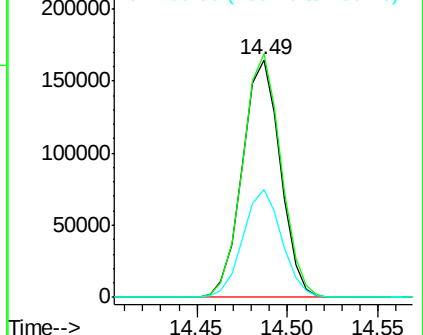
160 45.3 35.5 53.3



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: 117.75 ng

RT: 15.97 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BN003449.D

Acq: 07 Nov 2018 01:34

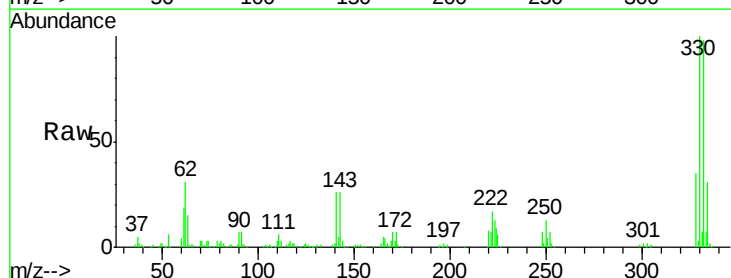
Tgt Ion:330 Resp: 380469

Ion Ratio Lower Upper

330 100

332 96.2 76.6 114.8

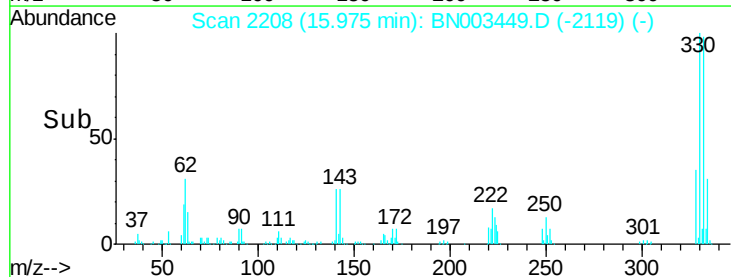
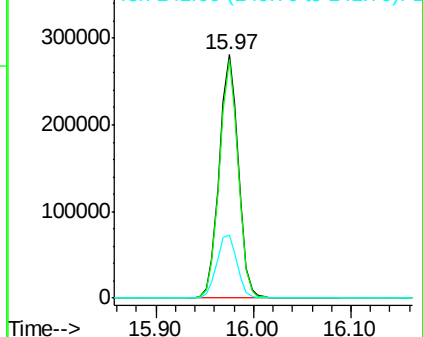
141 27.3 24.5 36.7

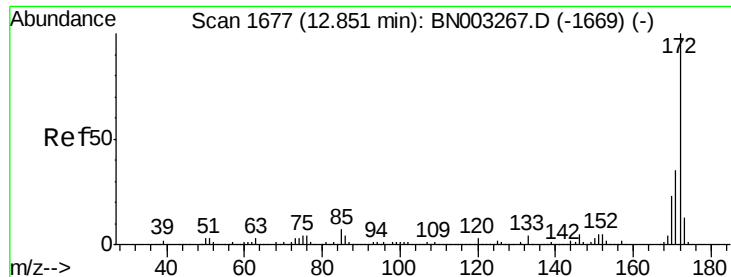


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

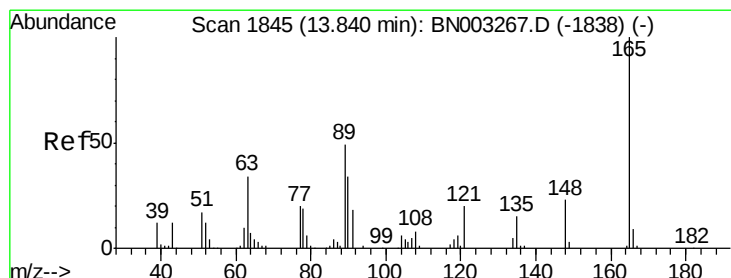
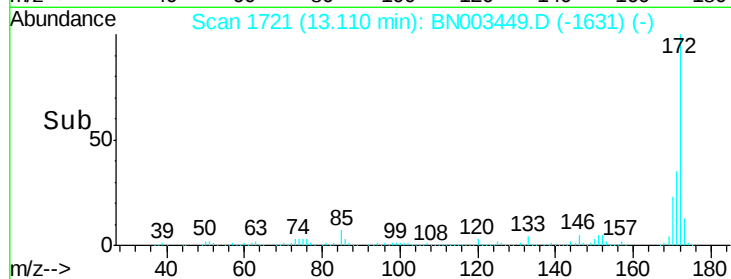
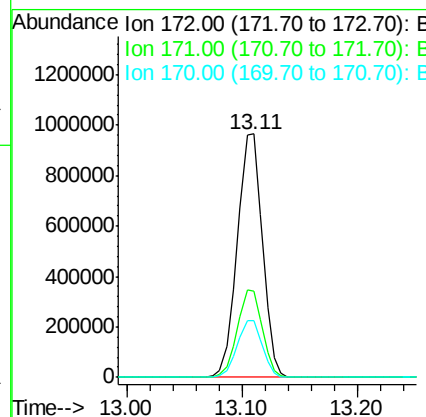
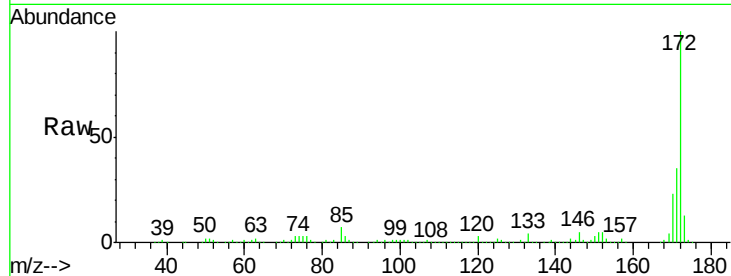




#45
 2-Fluorobiphenyl
 Concen: 82.22 ng
 RT: 13.11 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: BN003449.D
 Acq: 07 Nov 2018 01:34

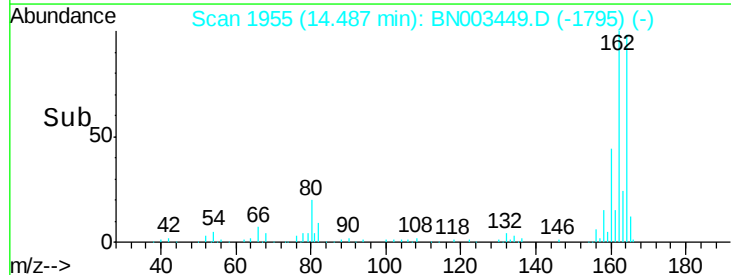
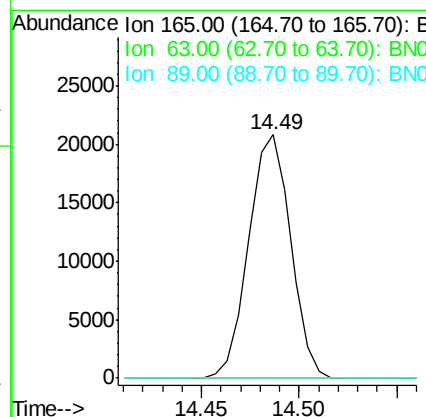
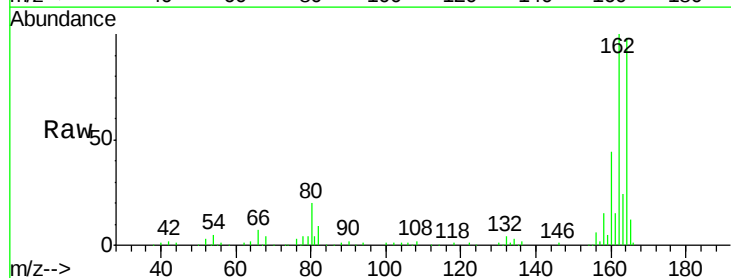
Instrument :
 BNA_N
 ClientSampleId :

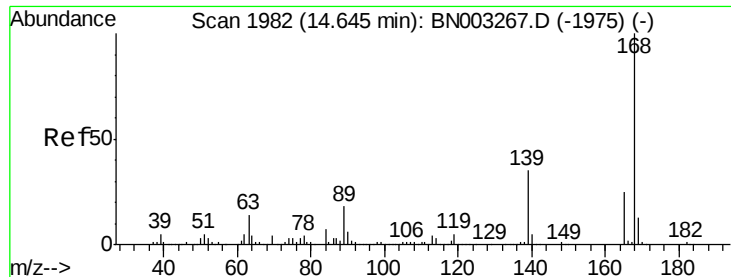
Tot Ion:172 Resp: 1454485
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.2 42.4
 170 23.2 18.4 27.6



#51
 2,6-Dinitrotoluene
 Concen: 7.02 ng
 RT: 14.49 min Scan# 1955
 Delta R.T. 0.41 min
 Lab File: BN003449.D
 Acq: 07 Nov 2018 01:34

Tgt Ion:165 Resp: 30934
 Ion Ratio Lower Upper
 165 100
 63 0.0 39.2 58.8#
 89 0.0 38.9 58.3#

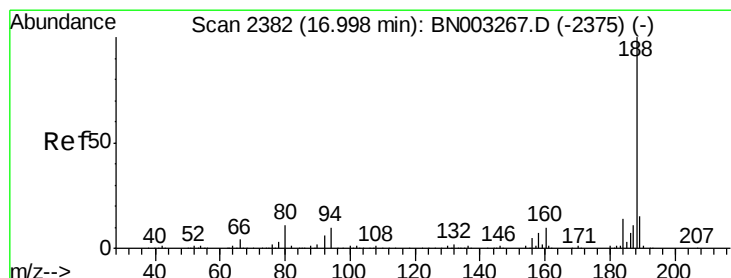
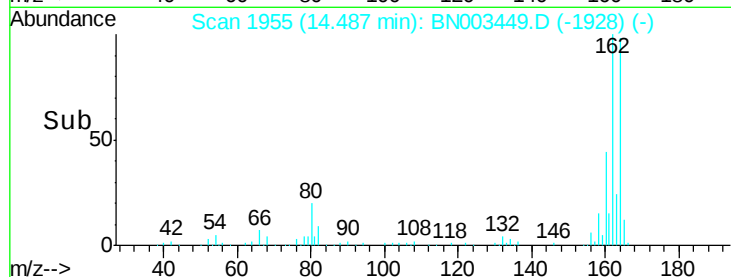
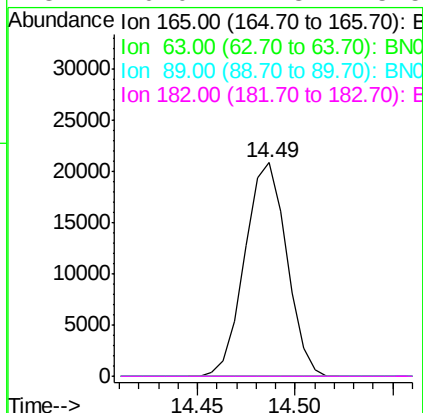
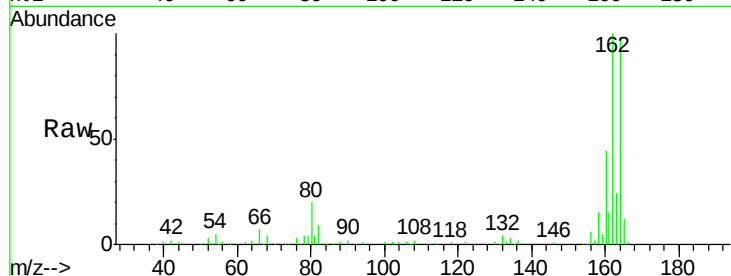




#57
 2,4-Dinitrotoluene
 Concen: 5.18 ng
 RT: 14.49 min Scan# 1955
 Delta R.T. -0.37 min
 Lab File: BN003449.D
 Acq: 07 Nov 2018 01:34

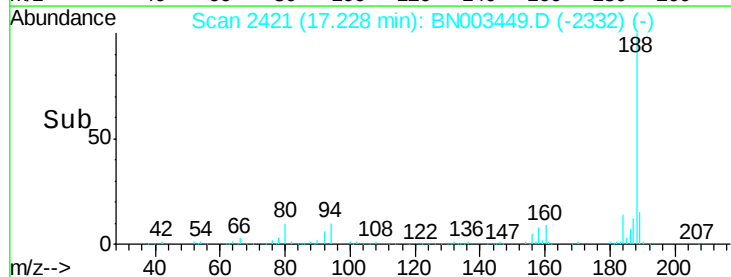
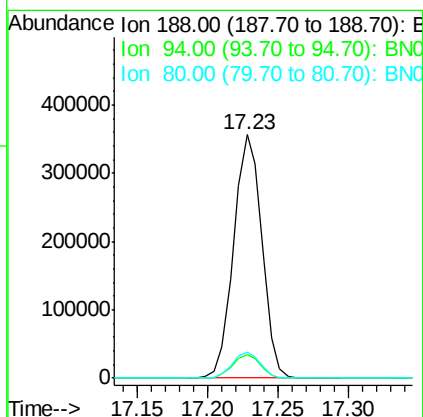
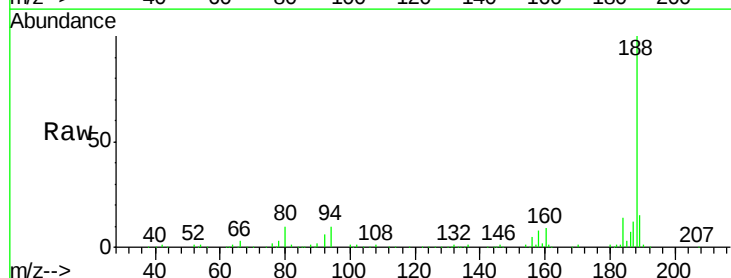
Instrument :
 BNA_N
 ClientSampleId :

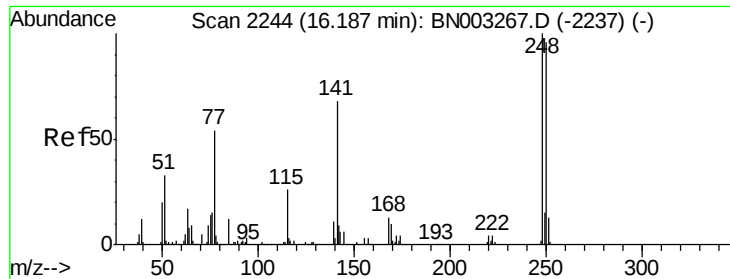
Tot Ion:165 Resp: 30934
 Ion Ratio Lower Upper
 165 100
 63 0.0 45.8 68.6#
 89 0.0 58.7 88.1#
 182 0.0 2.3 3.5#



#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.23 min Scan# 2421
 Delta R.T. -0.01 min
 Lab File: BN003449.D
 Acq: 07 Nov 2018 01:34

Tgt Ion:188 Resp: 495090
 Ion Ratio Lower Upper
 188 100
 94 9.7 8.1 12.1
 80 10.5 8.6 13.0

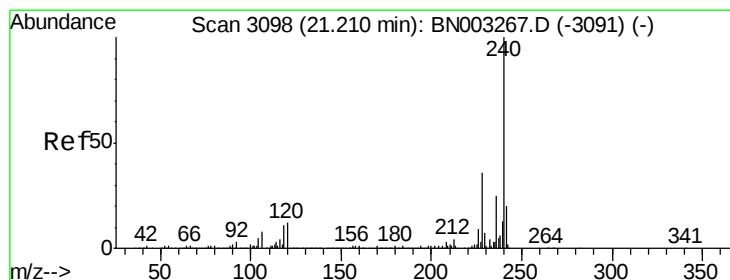
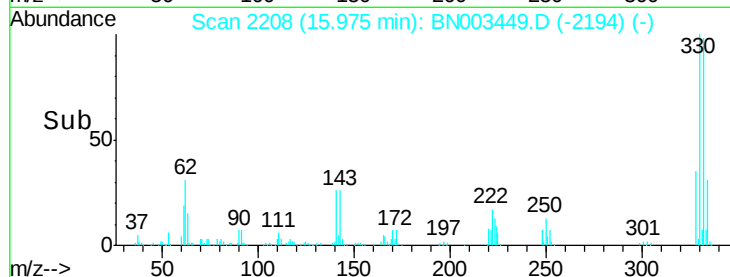
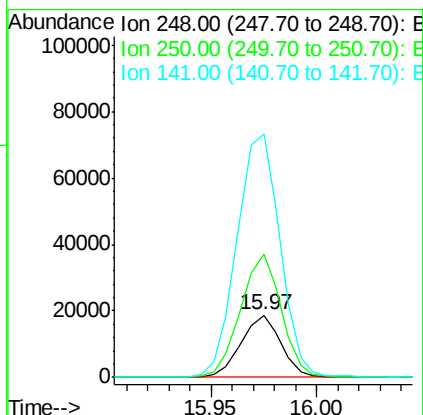
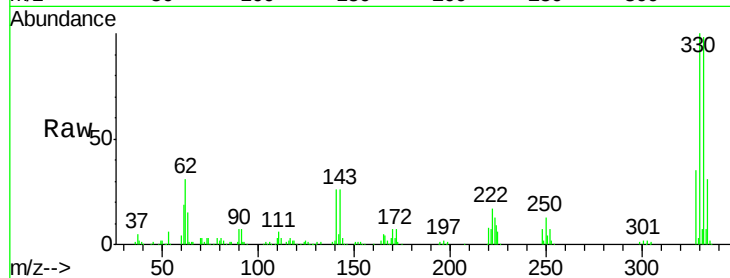




#67
4-Bromophenyl-phenylether
Concen: 4.37 ng
RT: 15.97 min Scan# 2208
Delta R.T. -0.45 min
Lab File: BN003449.D
Acq: 07 Nov 2018 01:34

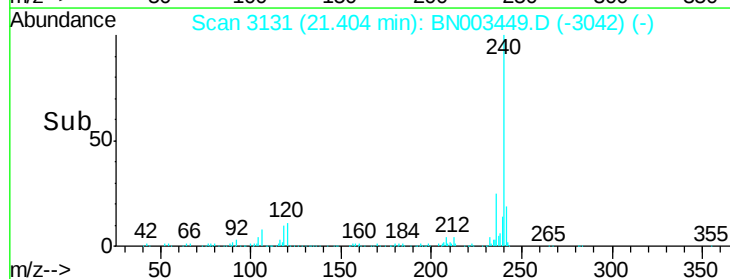
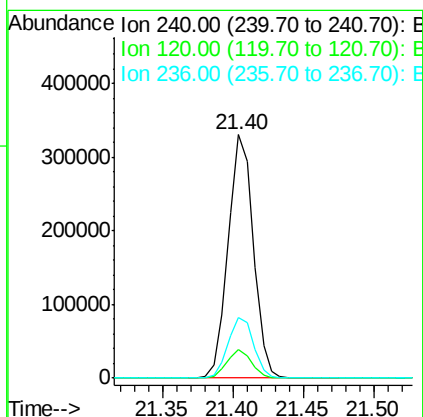
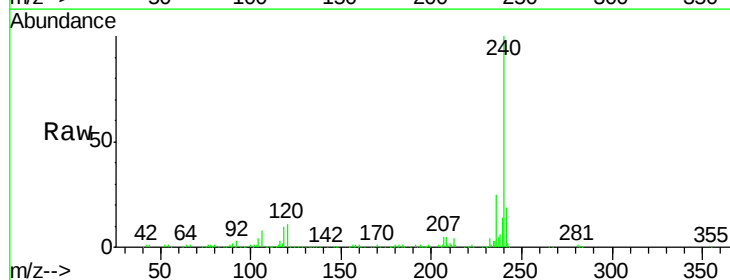
Instrument :
BNA_N
ClientSampled :

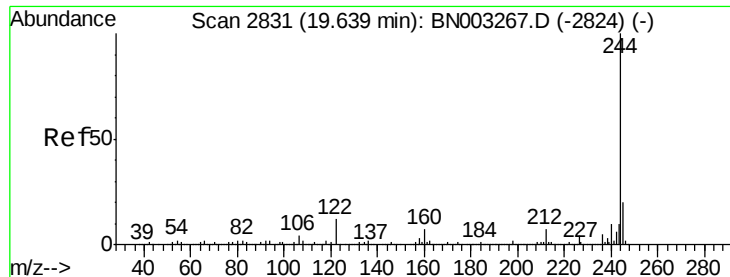
Tot Ion:248 Resp: 24392
Ion Ratio Lower Upper
248 100
250 200.0 76.4 114.6#
141 393.8 54.2 81.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.40 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BN003449.D
Acq: 07 Nov 2018 01:34

Tgt Ion:240 Resp: 410191
Ion Ratio Lower Upper
240 100
120 11.5 9.4 14.0
236 25.0 20.3 30.5





#79

Terphenyl-d14

Concen: 92.10 ng

RT: 19.85 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BN003449.D

Acq: 07 Nov 2018 01:34

Instrument :

BNA_N

ClientSampleId :

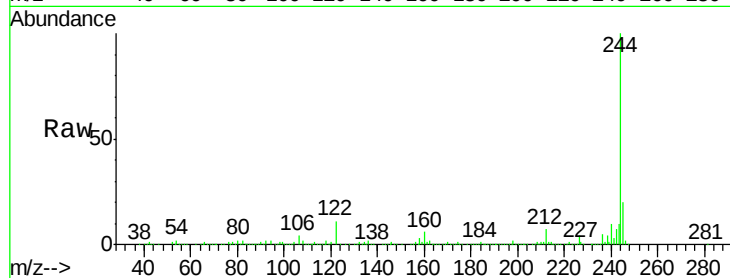
Tot Ion:244 Resp: 1766499

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

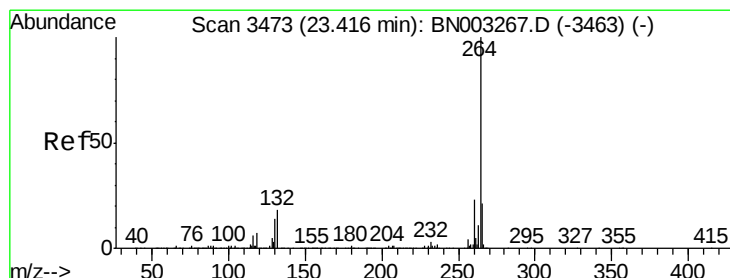
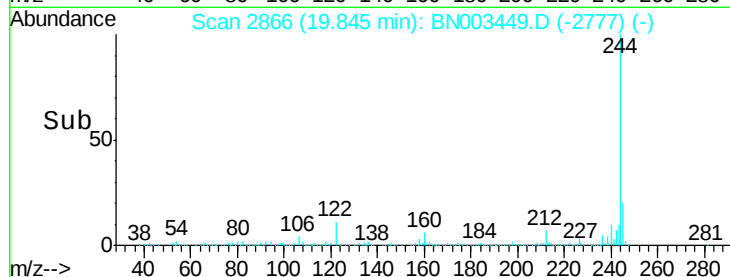
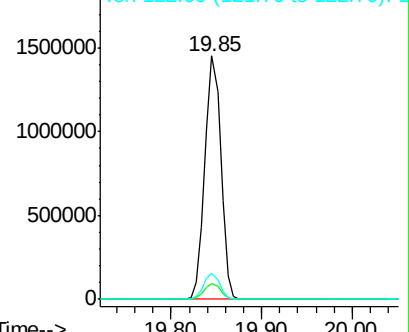
122 10.8 9.4 14.2



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: 20.00 ng

RT: 23.72 min Scan# 3525

Delta R.T. -0.01 min

Lab File: BN003449.D

Acq: 07 Nov 2018 01:34

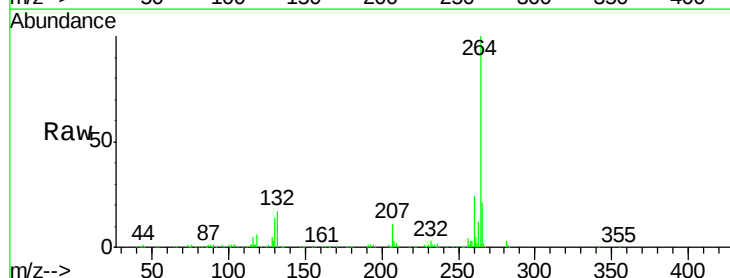
Tgt Ion:264 Resp: 430718

Ion Ratio Lower Upper

264 100

260 23.8 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

