

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110718\
 Data File : BN003468.D
 Acq On : 08 Nov 2018 00:46
 Operator : MJ/SJ
 Sample : PB114576BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 08 14:35:28 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

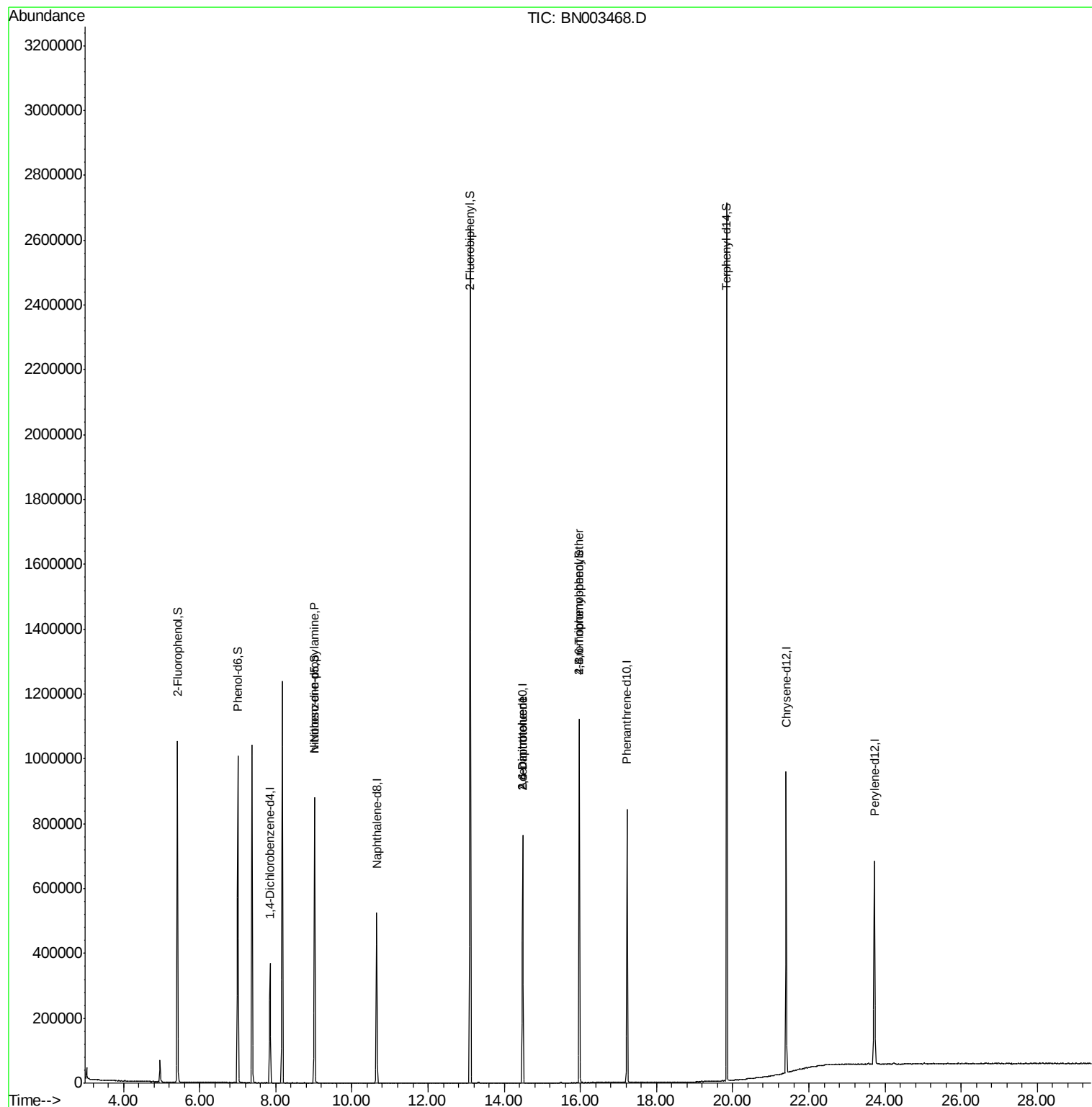
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	106461	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	439646	20.00	ng	0.00
39) Acenaphthene-d10	14.49	164	249812	20.00	ng	0.00
64) Phenanthrene-d10	17.23	188	493129	20.00	ng	0.00
76) Chrysene-d12	21.40	240	423928	20.00	ng	0.00
87) Perylene-d12	23.72	264	470903	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	462140	75.61	ng	0.00
7) Phenol-d6	7.00	99	594793	68.43	ng	0.00
23) Nitrobenzene-d5	9.02	82	490755	64.02	ng	0.00
42) 2,4,6-Tribromophenol	15.97	330	225908	67.16	ng	0.00
45) 2-Fluorobiphenyl	13.10	172	1373335	74.57	ng	0.00
79) Terphenyl-d14	19.85	244	1273107	64.22	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.02	70	61790	9.859	ng	# 76
51) 2,6-Dinitrotoluene	14.49	165	32279	7.041	ng	# 29
57) 2,4-Dinitrotoluene	14.49	165	32279	5.193	ng	# 20
67) 4-Bromophenyl-phenylether	15.97	248	14350	2.584	ng	# 1

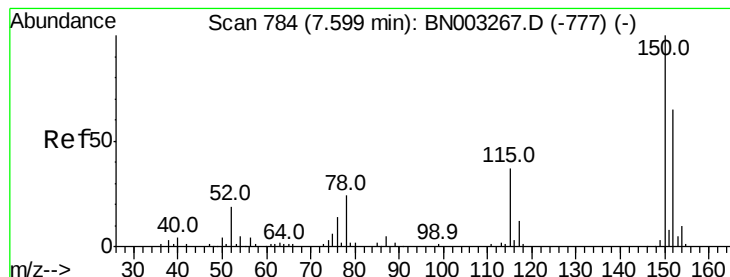
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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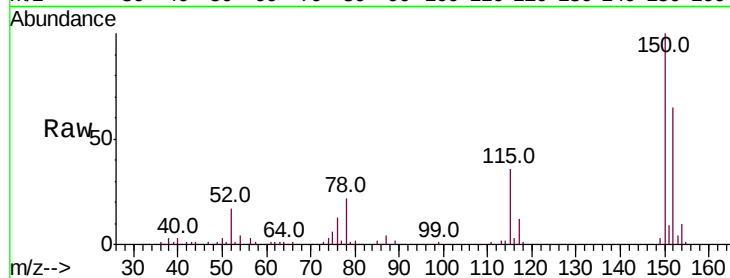


#1

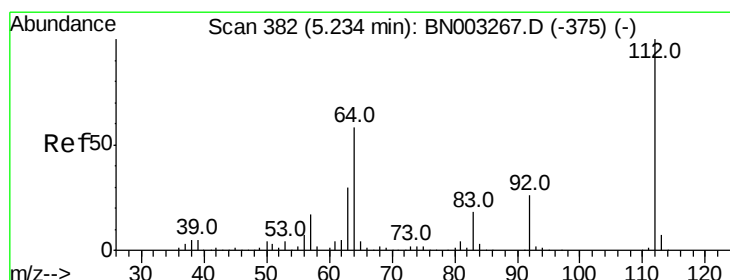
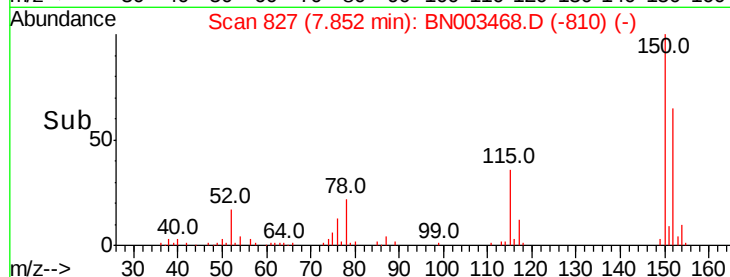
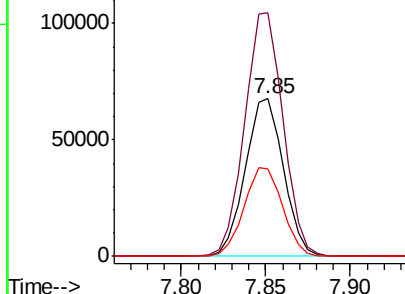
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 827
Delta R.T. 0.00 min
Lab File: BN003468.D
Acq: 08 Nov 2018 00:46

Instrument :
BNA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	123.8	185.8
115	55.9	45.9	68.9



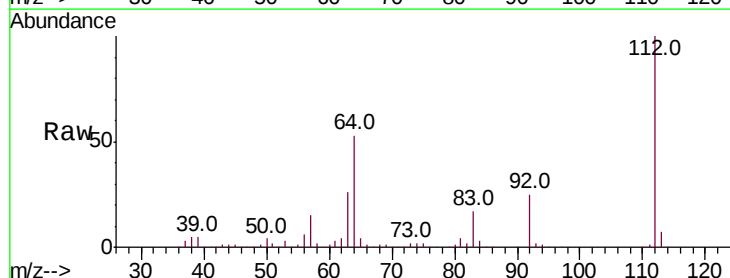
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



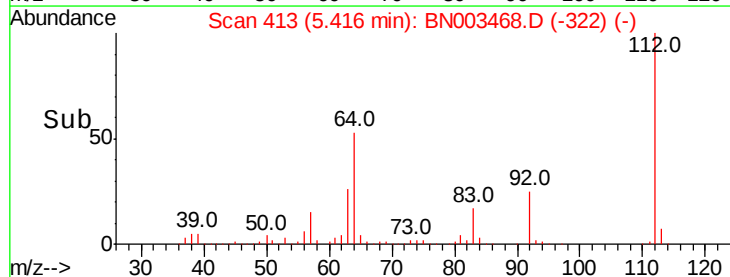
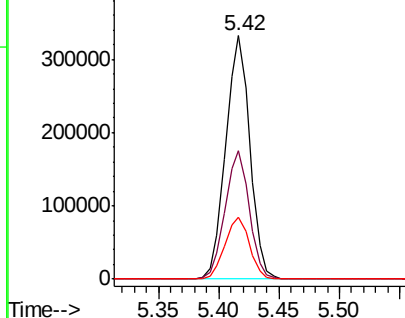
#5

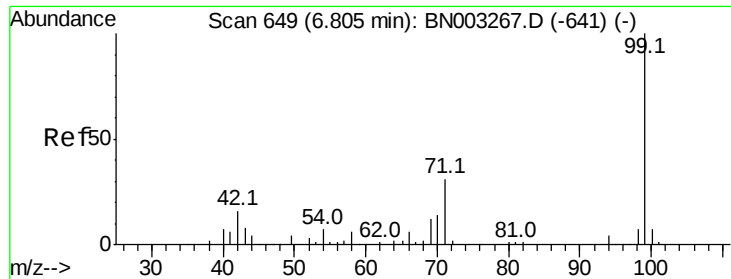
2-Fluorophenol
Concen: 75.608 ng
RT: 5.42 min Scan# 413
Delta R.T. 0.01 min
Lab File: BN003468.D
Acq: 08 Nov 2018 00:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.5	46.6	69.8
63	25.6	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: 68.435 ng

RT: 7.00 min Scan# 683

Delta R.T. -0.01 min

Lab File: BN003468.D

Acq: 08 Nov 2018 00:46

Instrument :

BNA_N

ClientSampled :

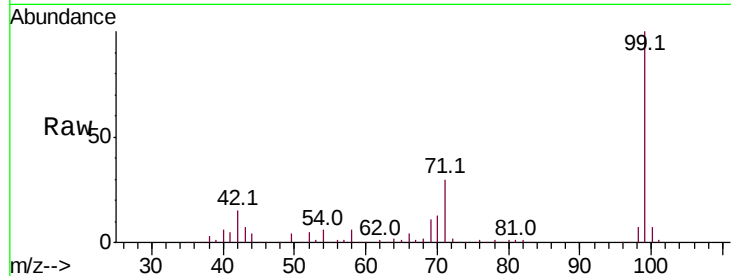
Tot Ion: 99 Resp: 594793

Ion Ratio Lower Upper

99 100

42 14.6 13.0 19.6

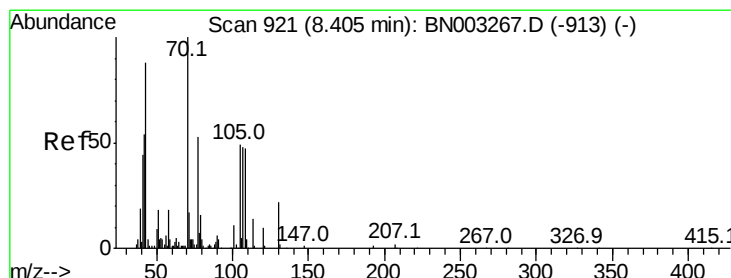
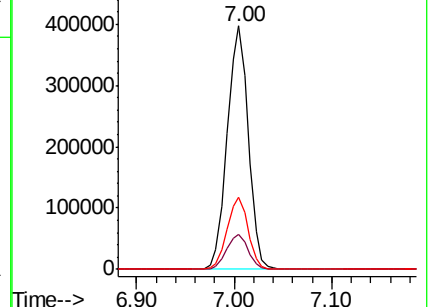
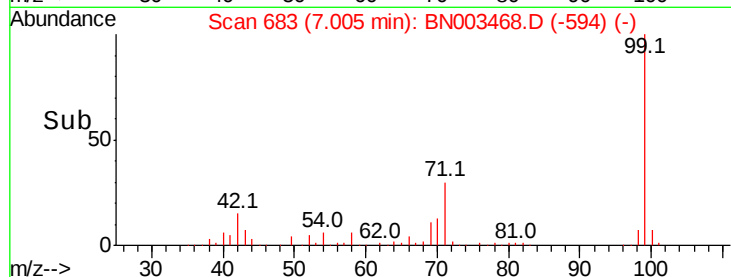
71 29.6 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BN003267.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BN003267.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BN003267.D (-641) (-)



#19

n-Nitroso-di-n-propylamine

Concen: 9.859 ng

RT: 9.02 min Scan# 1025

Delta R.T. 0.36 min

Lab File: BN003468.D

Acq: 08 Nov 2018 00:46

Tgt Ion: 70 Resp: 61790

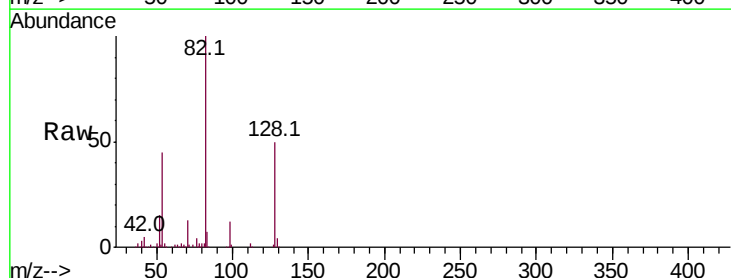
Ion Ratio Lower Upper

70 100

42 43.1 43.5 65.3#

101 0.0 8.6 12.8#

130 2.2 18.0 27.0#

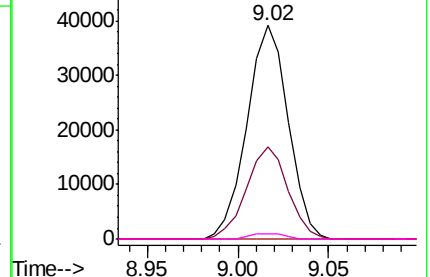
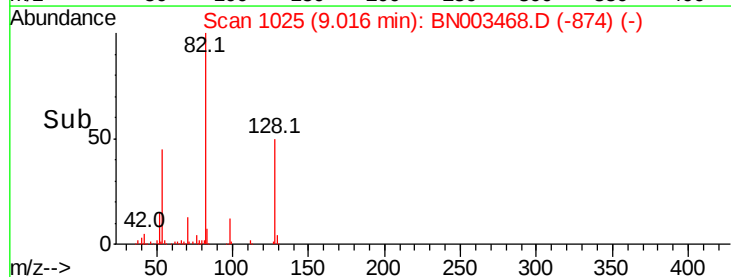


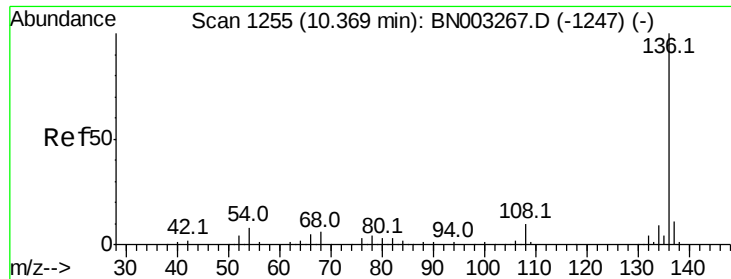
Abundance Ion 70.00 (69.70 to 70.70): BN003267.D (-913) (-)

Ion 42.00 (41.70 to 42.70): BN003267.D (-913) (-)

Ion 101.00 (100.70 to 101.70): BN003267.D (-913) (-)

Ion 130.00 (129.70 to 130.70): BN003267.D (-913) (-)

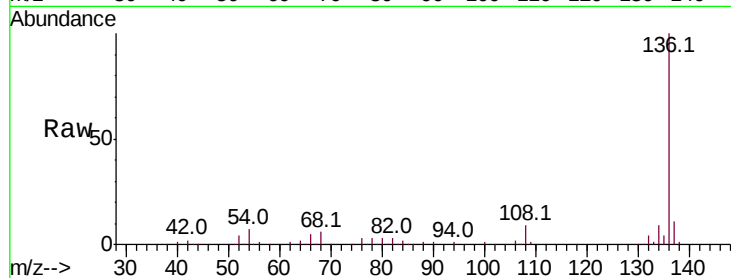




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.65 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BN003468.D
Acq: 08 Nov 2018 00:46

Instrument :
BNA_N
ClientSampleId :

Tot Ion:136	Resp:	439646	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	8.7	13.1	
54 7.2	6.6	10.0	
68 6.3	4.6	7.0	



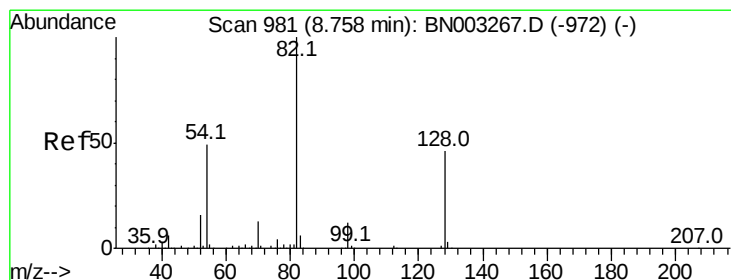
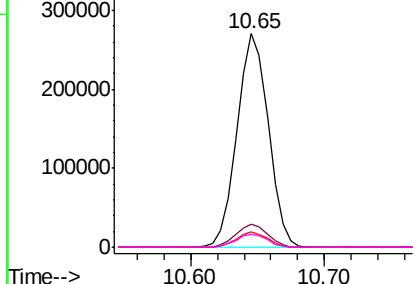
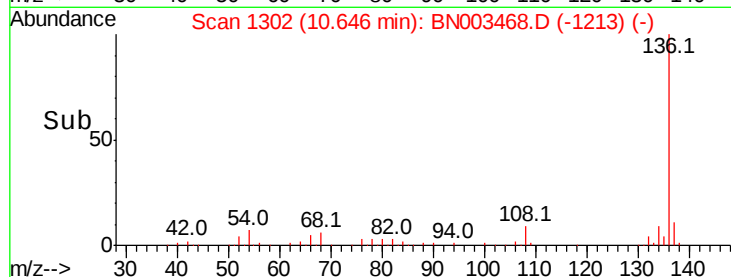
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

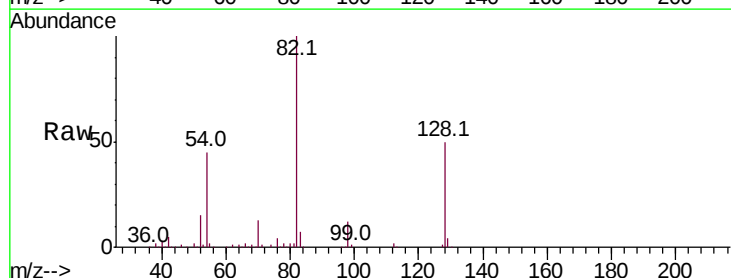
Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#23
Nitrobenzene-d5
Concen: 64.016 ng
RT: 9.02 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BN003468.D
Acq: 08 Nov 2018 00:46

Tgt Ion: 82	Resp: 490755
Ion Ratio	Lower Upper
82 100	
128 50.0	37.1 55.7
54 44.8	39.4 59.2

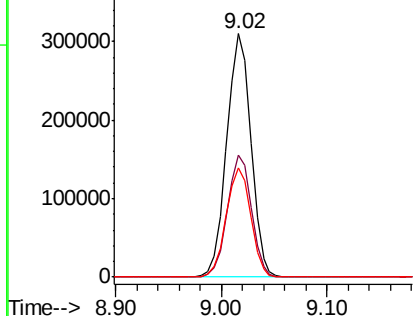
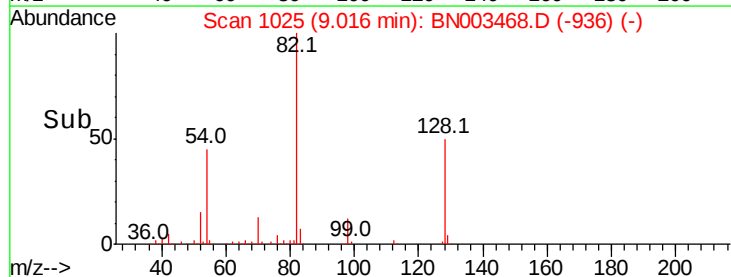


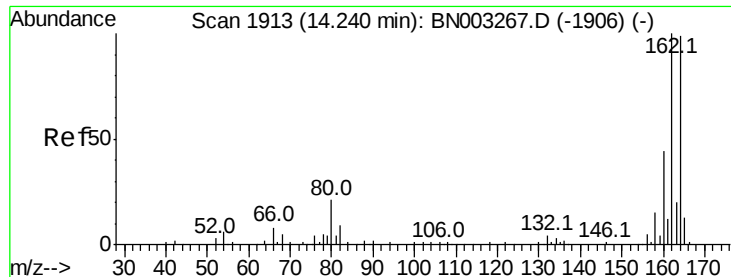
Abundance

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: 20.000 ng

RT: 14.49 min Scan# 1955

Delta R.T. 0.00 min

Lab File: BN003468.D

Acq: 08 Nov 2018 00:46

Instrument :

BNA_N

ClientSampleId :

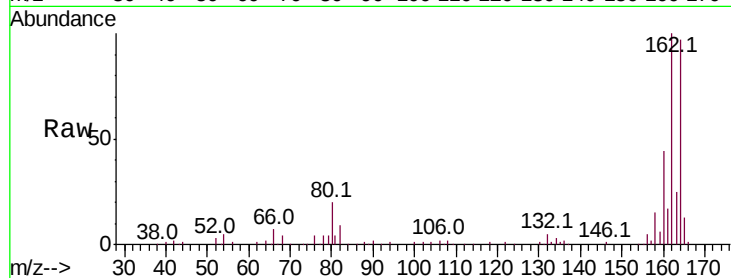
Tot Ion:164 Resp: 249812

Ion Ratio Lower Upper

164 100

162 103.1 80.8 121.2

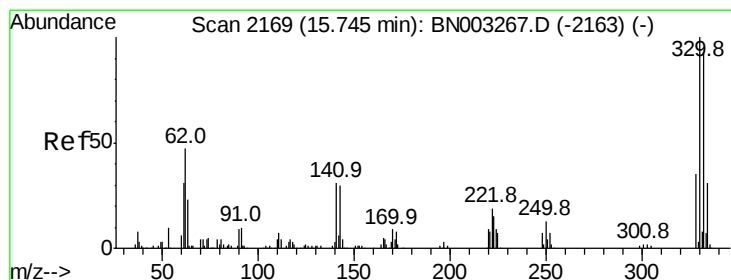
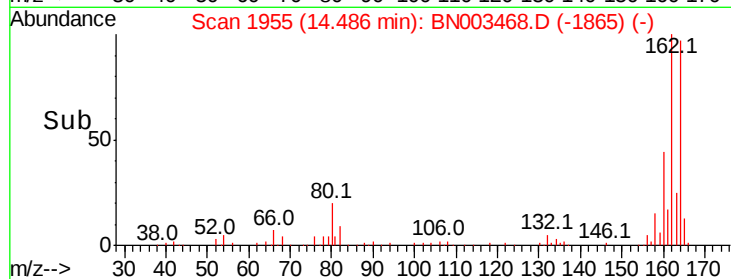
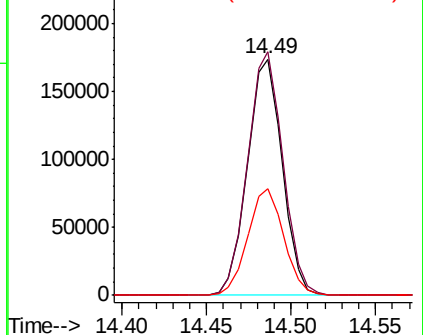
160 45.3 35.5 53.3



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: 67.159 ng

RT: 15.97 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BN003468.D

Acq: 08 Nov 2018 00:46

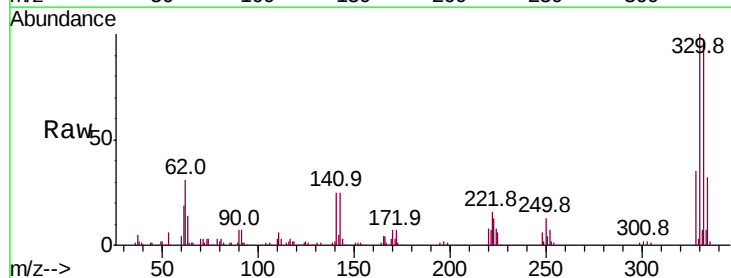
Tgt Ion:330 Resp: 225908

Ion Ratio Lower Upper

330 100

332 96.3 76.6 114.8

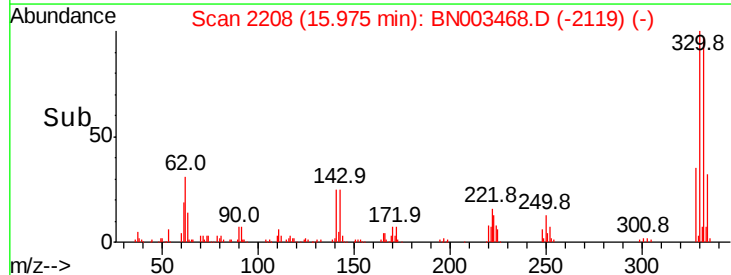
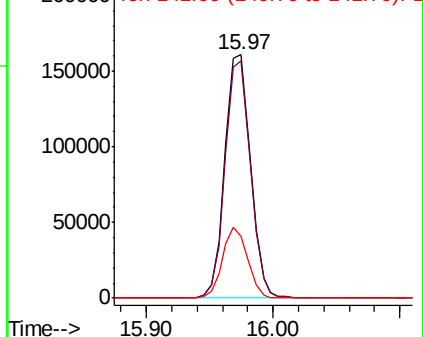
141 28.2 24.5 36.7

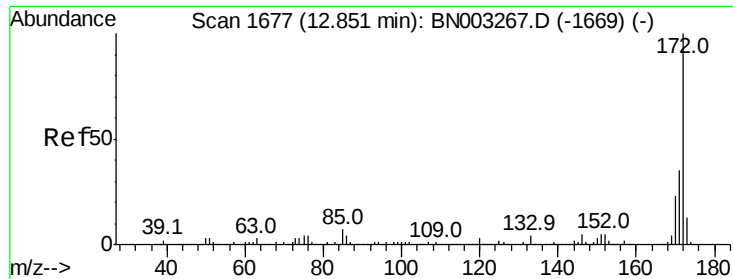


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



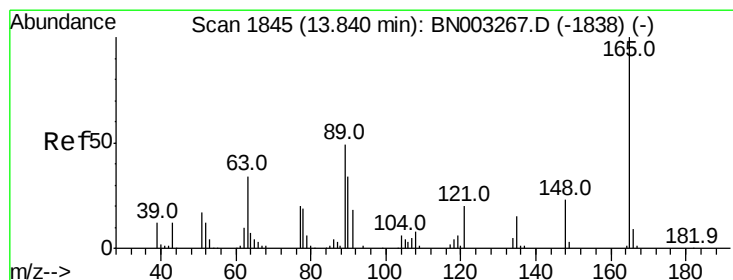
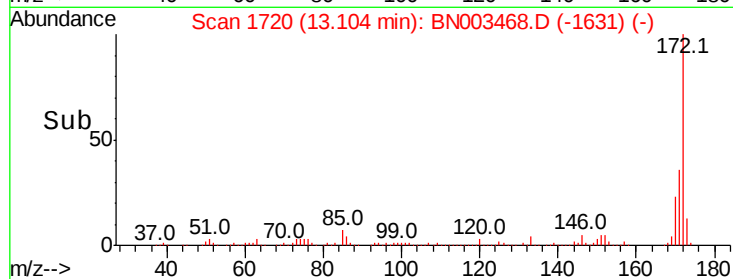
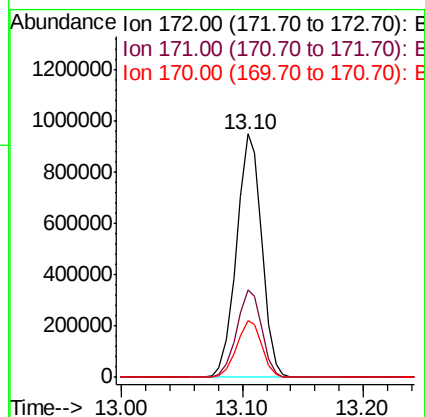
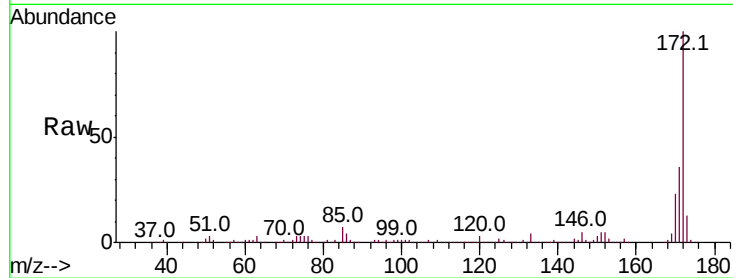


#45
 2-Fluorobiphenyl
 Concen: 74.569 ng
 RT: 13.10 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BN003468.D
 Acq: 08 Nov 2018 00:46

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:172 Resp: 1373335

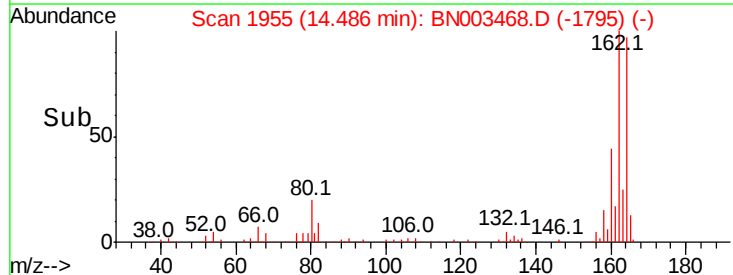
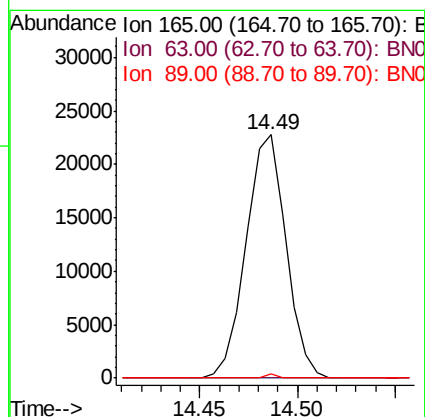
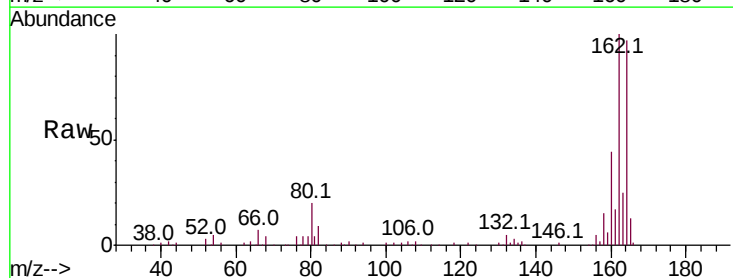
Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.2	42.4
170	23.2	18.4	27.6

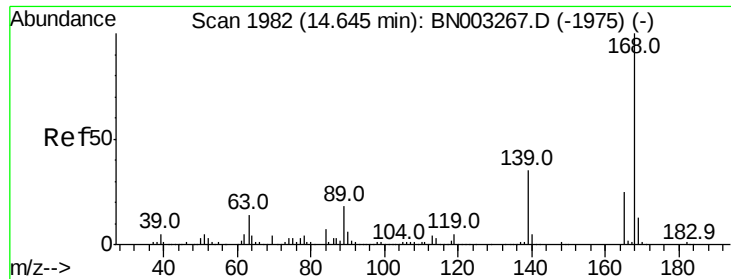


#51
 2,6-Dinitrotoluene
 Concen: 7.041 ng
 RT: 14.49 min Scan# 1955
 Delta R.T. 0.41 min
 Lab File: BN003468.D
 Acq: 08 Nov 2018 00:46

Tgt Ion:165 Resp: 32279

Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.2	58.8#
89	1.6	38.9	58.3#

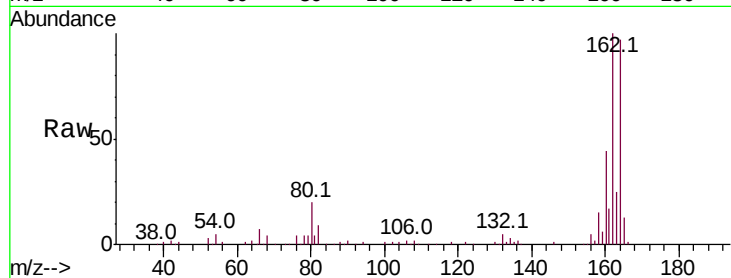




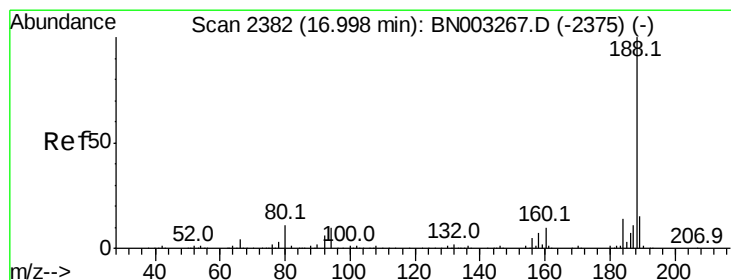
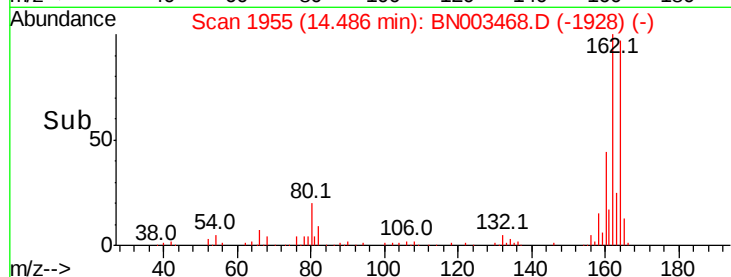
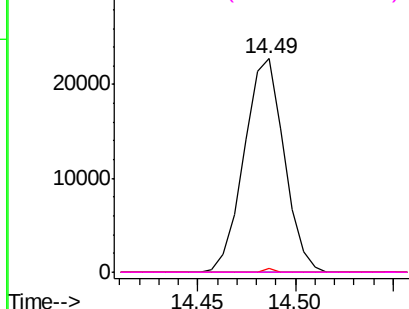
#57
 2,4-Dinitrotoluene
 Concen: 5.193 ng
 RT: 14.49 min Scan# 1955
 Delta R.T. -0.37 min
 Lab File: BN003468.D
 Acq: 08 Nov 2018 00:46

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:165 Resp: 32279
 Ion Ratio Lower Upper
 165 100
 63 0.0 45.8 68.6#
 89 1.6 58.7 88.1#
 182 0.0 2.3 3.5#

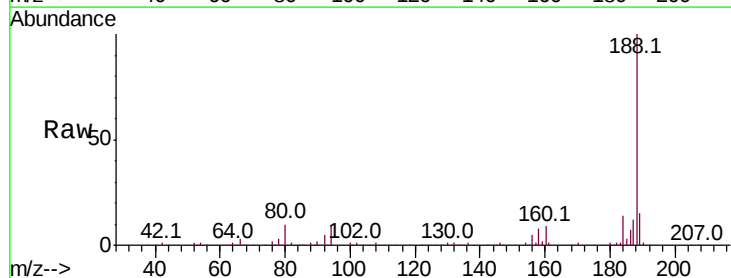


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNC
 Ion 89.00 (88.70 to 89.70): BNC
 Ion 182.00 (181.70 to 182.70): E

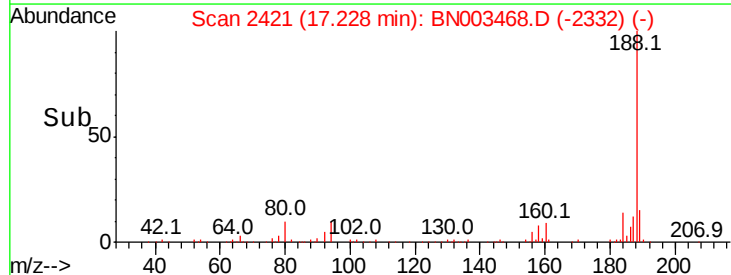
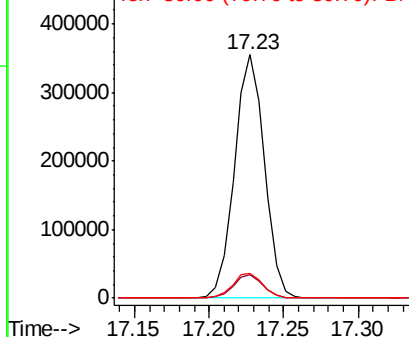


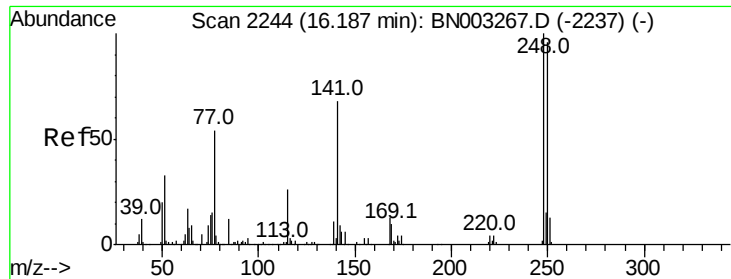
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.23 min Scan# 2421
 Delta R.T. -0.01 min
 Lab File: BN003468.D
 Acq: 08 Nov 2018 00:46

Tgt Ion:188 Resp: 493129
 Ion Ratio Lower Upper
 188 100
 94 9.8 8.1 12.1
 80 10.3 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: 2.584 ng

RT: 15.97 min Scan# 2207

Delta R.T. -0.45 min

Lab File: BN003468.D

Acq: 08 Nov 2018 00:46

Instrument :

BNA_N

ClientSampleId :

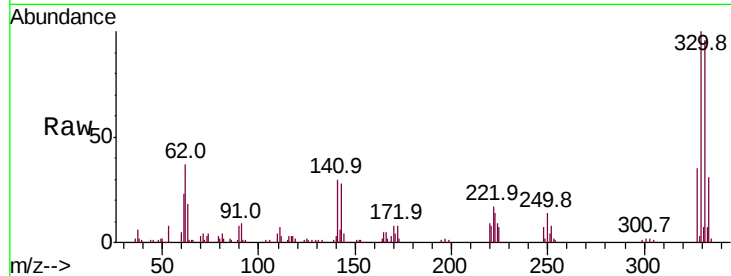
Tot Ion:248 Resp: 14350

Ion Ratio Lower Upper

248 100

250 206.4 76.4 114.6#

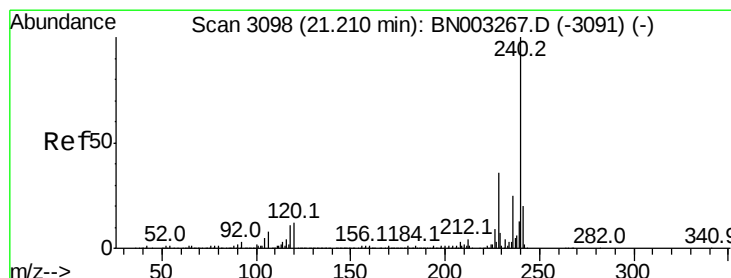
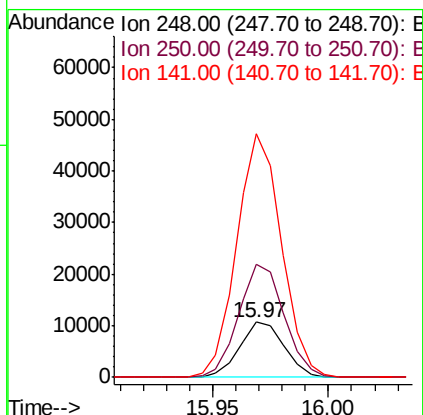
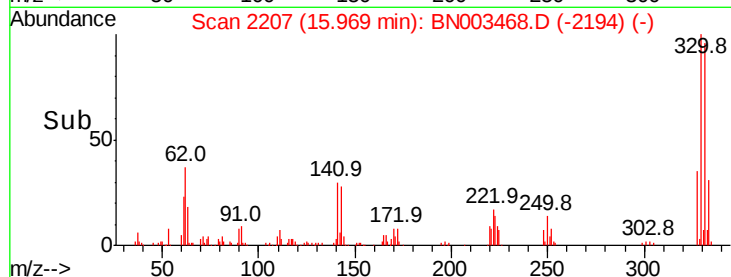
141 443.9 54.2 81.4#



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: BN003468.D

Acq: 08 Nov 2018 00:46

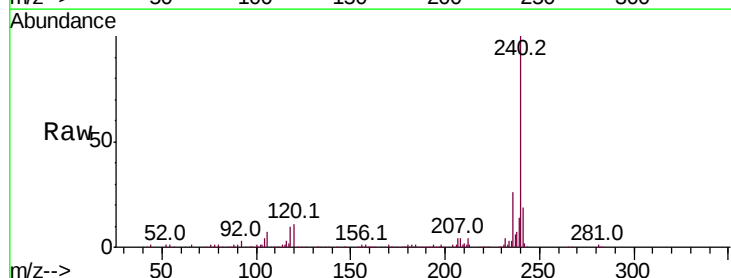
Tgt Ion:240 Resp: 423928

Ion Ratio Lower Upper

240 100

120 11.0 9.4 14.0

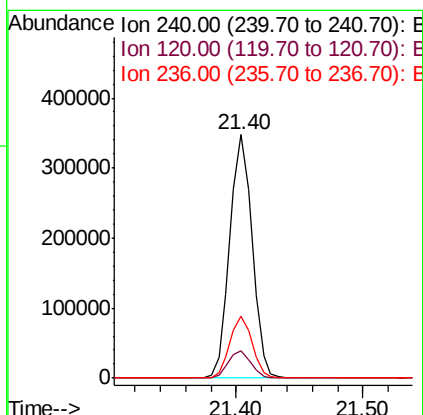
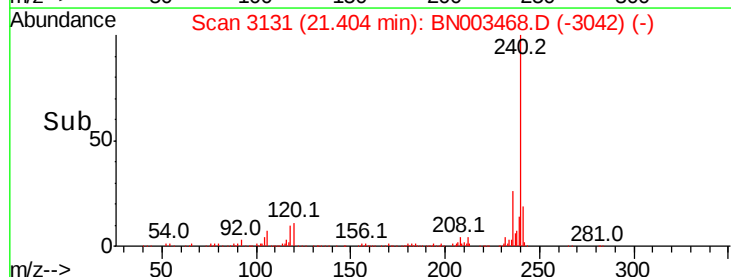
236 25.6 20.3 30.5

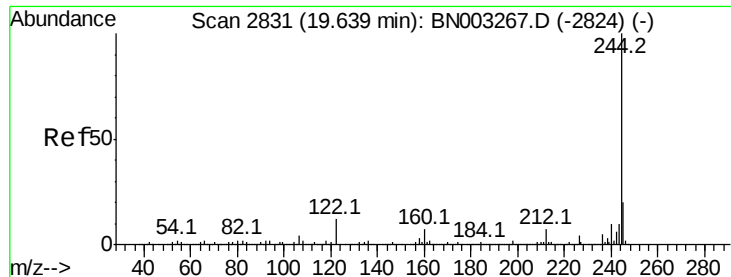


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 64.223 ng

RT: 19.85 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BN003468.D

Acq: 08 Nov 2018 00:46

Instrument :

BNA_N

ClientSampled :

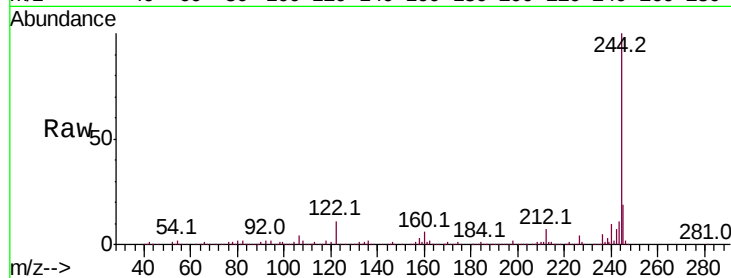
Tot Ion:244 Resp: 1273107

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

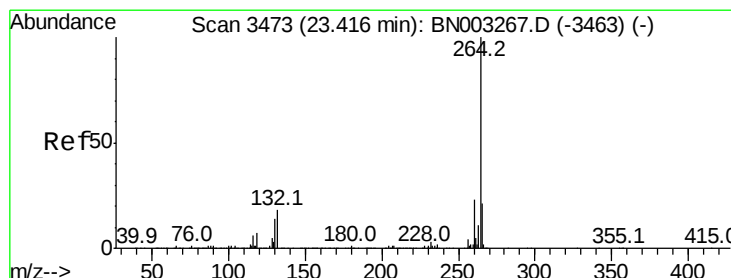
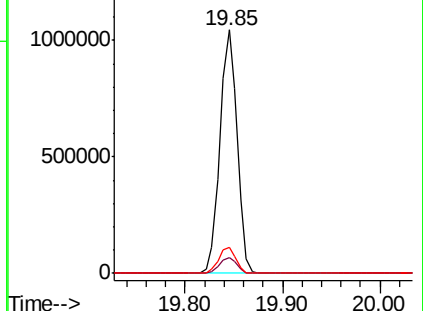
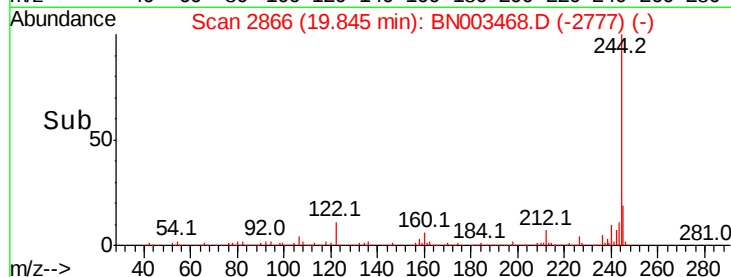
122 10.7 9.4 14.2



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: BN003468.D

Acq: 08 Nov 2018 00:46

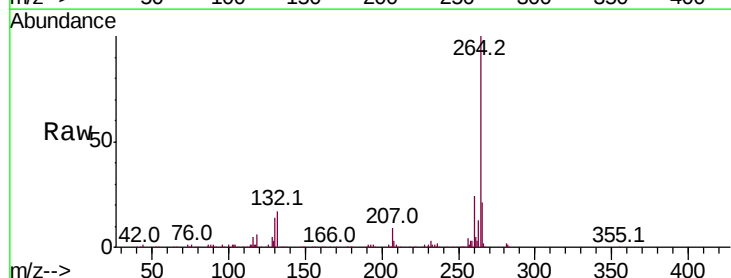
Tgt Ion:264 Resp: 470903

Ion Ratio Lower Upper

264 100

260 24.3 18.5 27.7

265 21.4 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

