

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110918\
 Data File : BN003471.D
 Acq On : 09 Nov 2018 14:40
 Operator : MJ/SJ
 Sample : PB114663BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB114663BL

Quant Time: Nov 12 03:18:42 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

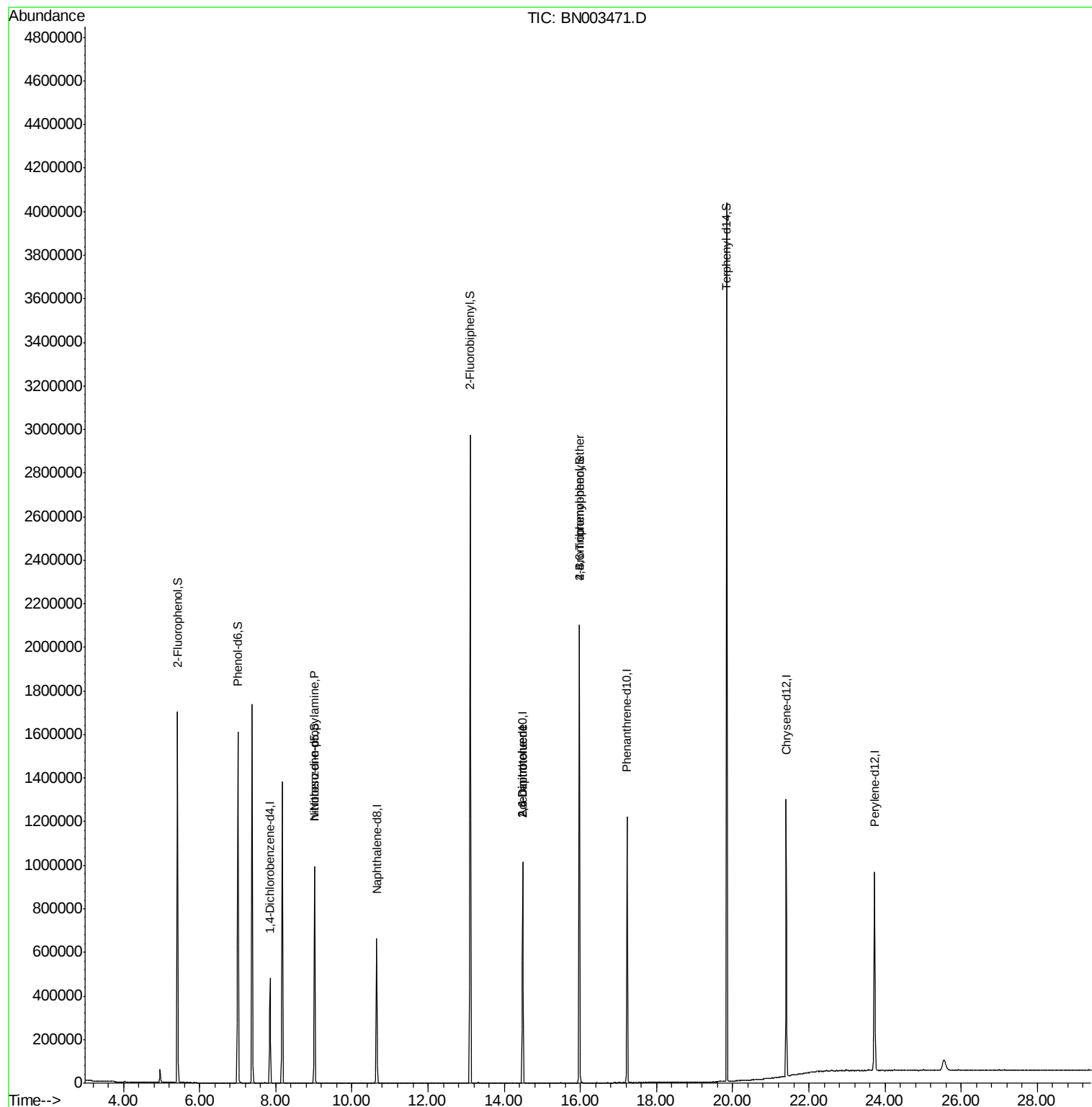
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	136536	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	568514	20.00	ng	0.00
39) Acenaphthene-d10	14.49	164	333730	20.00	ng	0.00
64) Phenanthrene-d10	17.23	188	695883	20.00	ng	0.00
76) Chrysene-d12	21.40	240	598849	20.00	ng	0.00
87) Perylene-d12	23.72	264	637104	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	763324	97.37	ng	0.00
7) Phenol-d6	7.01	99	1003181	90.00	ng	0.00
23) Nitrobenzene-d5	9.02	82	567454	57.24	ng	0.00
42) 2,4,6-Tribromophenol	15.97	330	439227	97.74	ng	0.00
45) 2-Fluorobiphenyl	13.10	172	1576432	64.07	ng	0.00
79) Terphenyl-d14	19.84	244	1907551	68.12	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.02	70	71683	8.918	ng	# 75
51) 2,6-Dinitrotoluene	14.49	165	43008	7.022	ng	# 30
57) 2,4-Dinitrotoluene	14.49	165	43008	5.179	ng	# 20
67) 4-Bromophenyl-phenylether	15.97	248	28352	3.618	ng	# 1

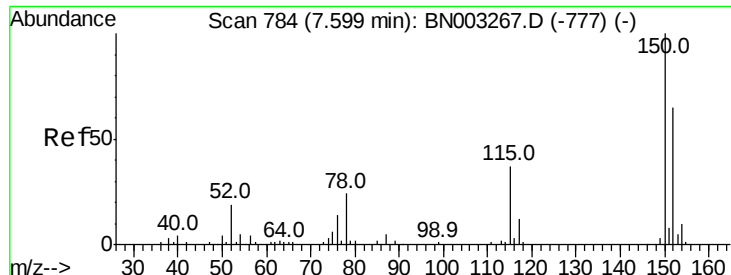
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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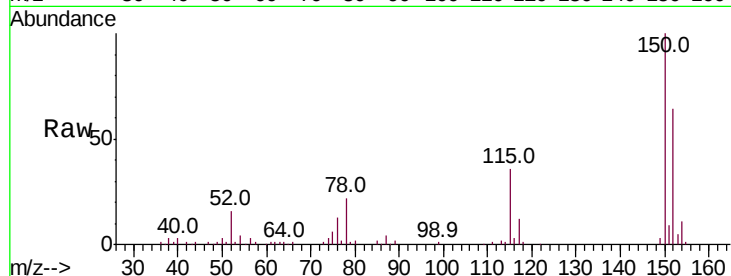


#1

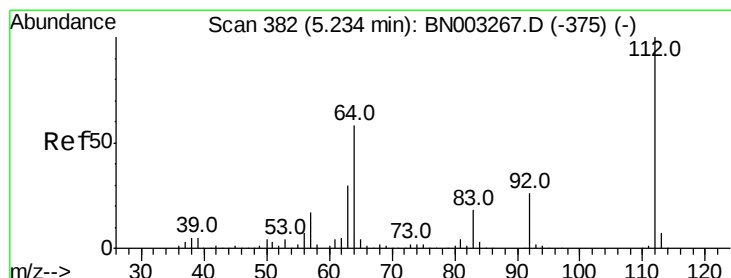
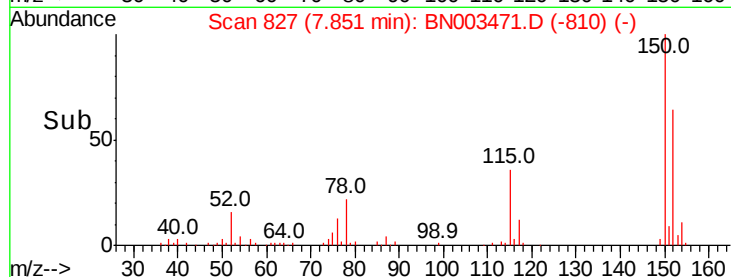
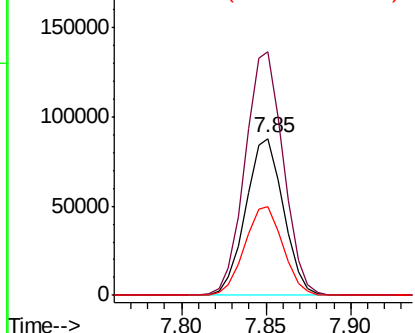
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 827
Delta R.T. -0.00 min
Lab File: BN003471.D
Acq: 09 Nov 2018 14:40

Instrument :
BNA_N
ClientSampleId :
PB114663BL

Tot Ion:152 Resp: 136536
Ion Ratio Lower Upper
152 100
150 155.5 123.8 185.8
115 56.4 45.9 68.9



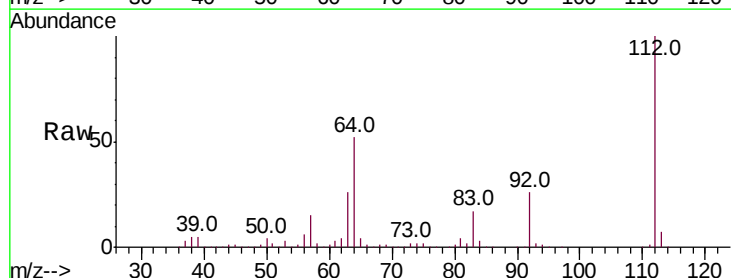
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



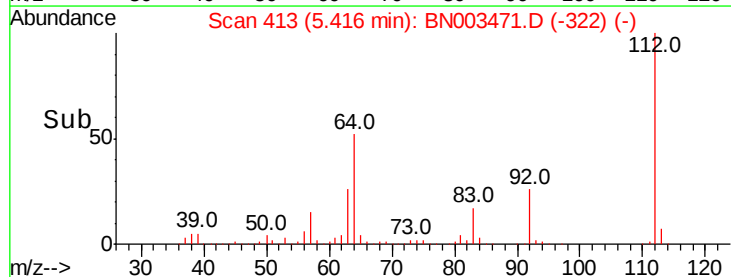
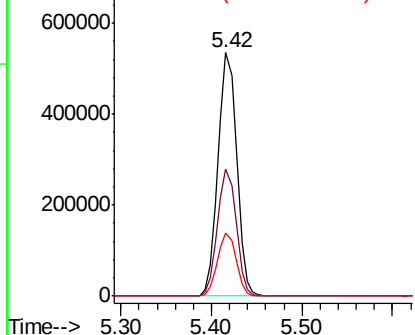
#5

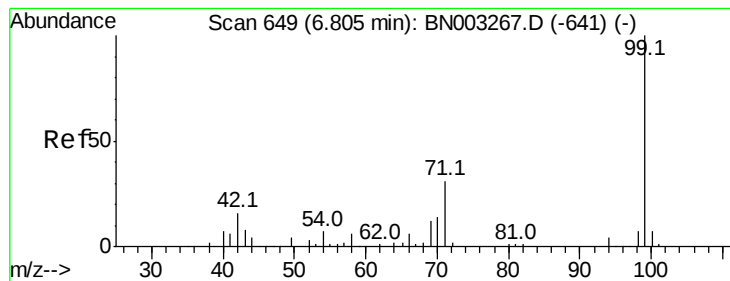
2-Fluorophenol
Concen: 97.375 ng
RT: 5.42 min Scan# 413
Delta R.T. 0.01 min
Lab File: BN003471.D
Acq: 09 Nov 2018 14:40

Tgt Ion:112 Resp: 763324
Ion Ratio Lower Upper
112 100
64 52.4 46.6 69.8
63 25.9 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: 89.998 ng

RT: 7.01 min Scan# 684

Delta R.T. -0.00 min

Lab File: BN003471.D

Acq: 09 Nov 2018 14:40

Instrument :

BNA_N

ClientSampleId :

PB114663BL

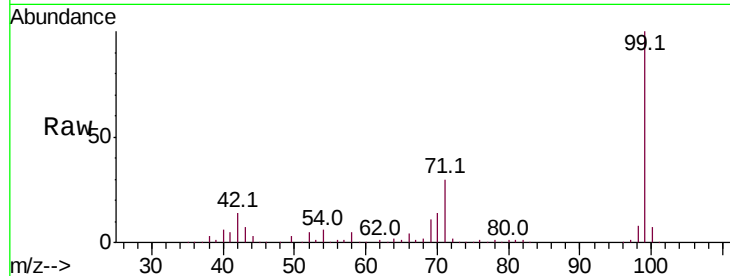
Tot Ion: 99 Resp: 1003181

Ion Ratio Lower Upper

99 100

42 14.5 13.0 19.6

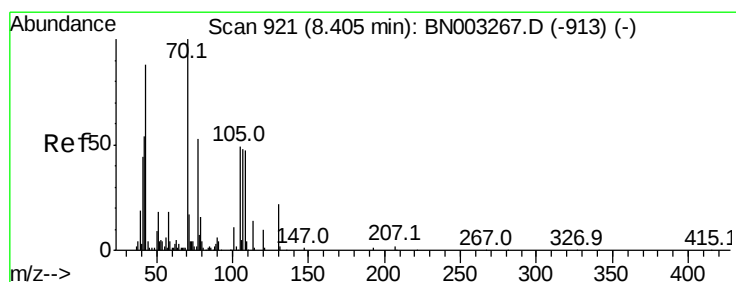
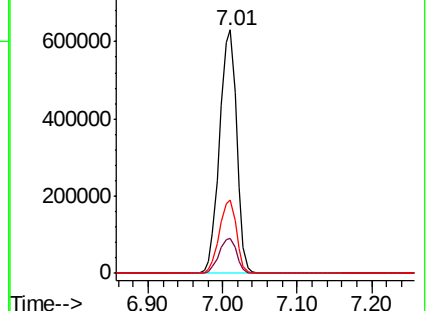
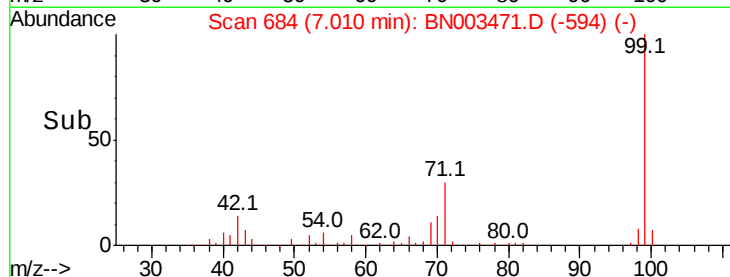
71 30.2 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BN003471.D (-684) (-)

Ion 42.00 (41.70 to 42.70): BN003471.D (-684) (-)

Ion 71.00 (70.70 to 71.70): BN003471.D (-684) (-)



#19

n-Nitroso-di-n-propylamine

Concen: 8.918 ng

RT: 9.02 min Scan# 1025

Delta R.T. 0.36 min

Lab File: BN003471.D

Acq: 09 Nov 2018 14:40

Tgt Ion: 70 Resp: 71683

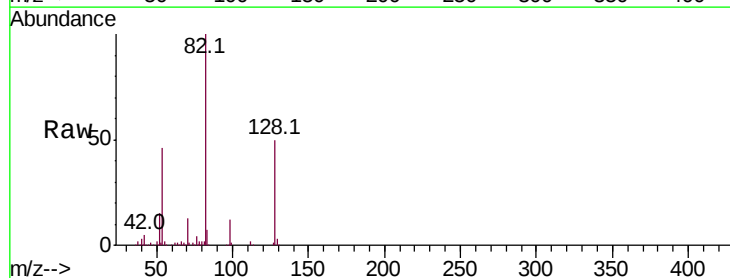
Ion Ratio Lower Upper

70 100

42 42.3 43.5 65.3#

101 0.0 8.6 12.8#

130 2.5 18.0 27.0#

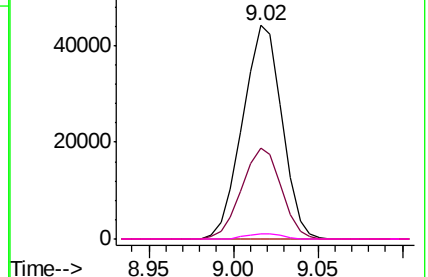
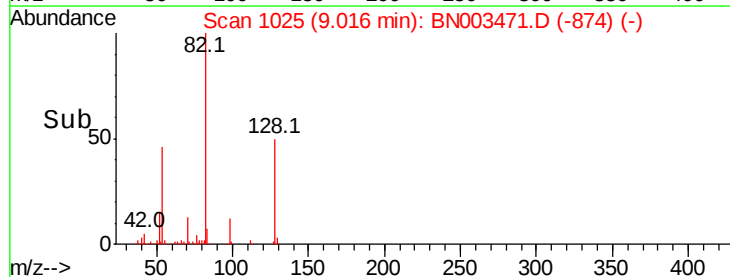


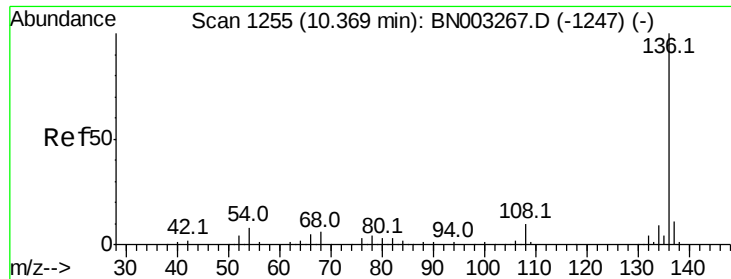
Abundance Ion 70.00 (69.70 to 70.70): BN003471.D (-1025) (-)

Ion 42.00 (41.70 to 42.70): BN003471.D (-1025) (-)

Ion 101.00 (100.70 to 101.70): BN003471.D (-1025) (-)

Ion 130.00 (129.70 to 130.70): BN003471.D (-1025) (-)

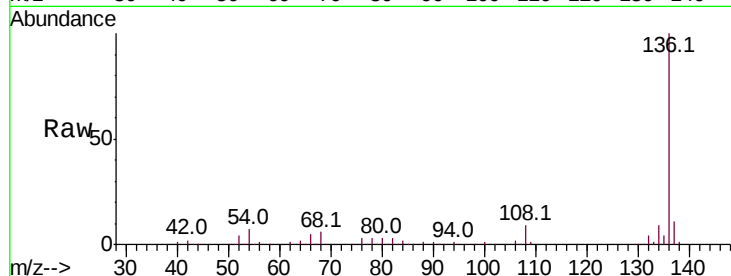




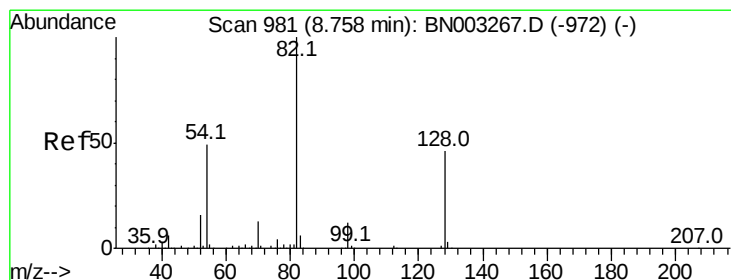
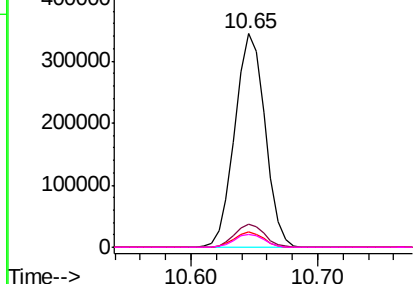
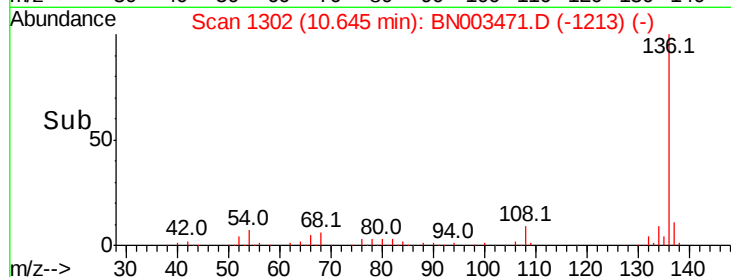
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.65 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BN003471.D
Acq: 09 Nov 2018 14:40

Instrument :
BNA_N
ClientSampleId :
PB114663BL

Tot Ion:136	Resp:	568514
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.7 13.1
54	7.2	6.6 10.0
68	6.0	4.6 7.0

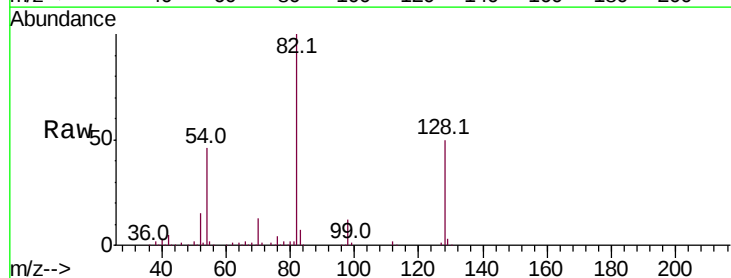


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

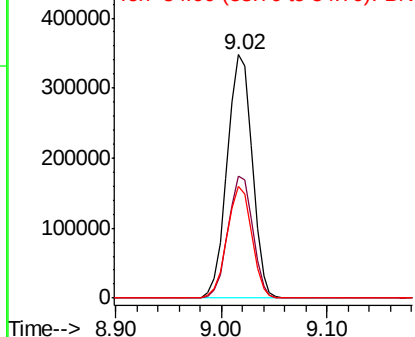
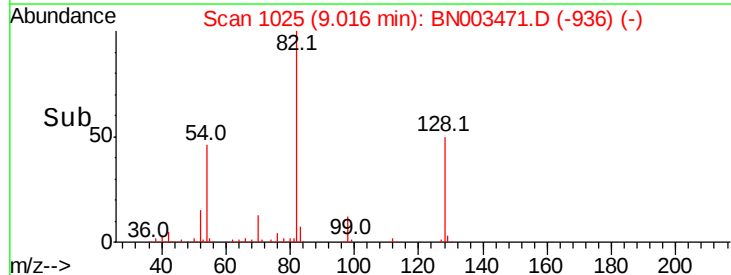


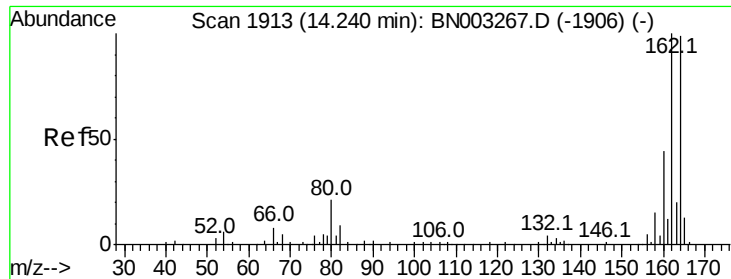
#23
Nitrobenzene-d5
Concen: 57.242 ng
RT: 9.02 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BN003471.D
Acq: 09 Nov 2018 14:40

Tgt Ion: 82	Resp:	567454
Ion	Ratio	Lower Upper
82	100	
128	49.9	37.1 55.7
54	45.9	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: BN003471.D

Acq: 09 Nov 2018 14:40

Instrument :

BNA_N

ClientSampleId :

PB114663BL

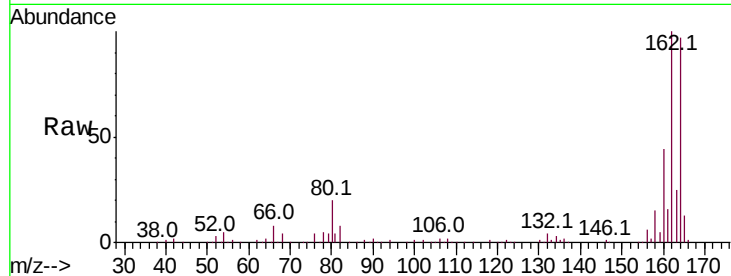
Tot Ion:164 Resp: 333730

Ion Ratio Lower Upper

164 100

162 103.1 80.8 121.2

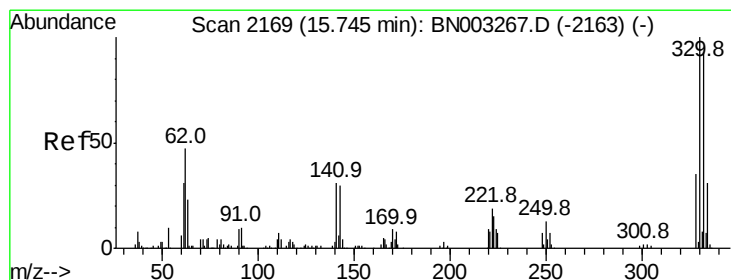
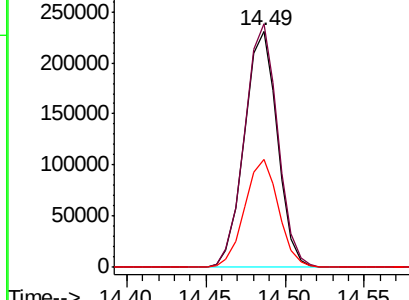
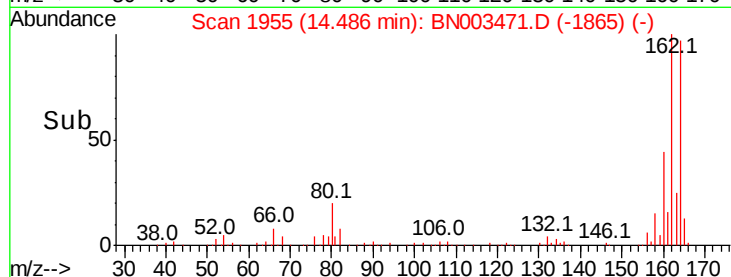
160 45.5 35.5 53.3



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: 97.741 ng

RT: 15.97 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BN003471.D

Acq: 09 Nov 2018 14:40

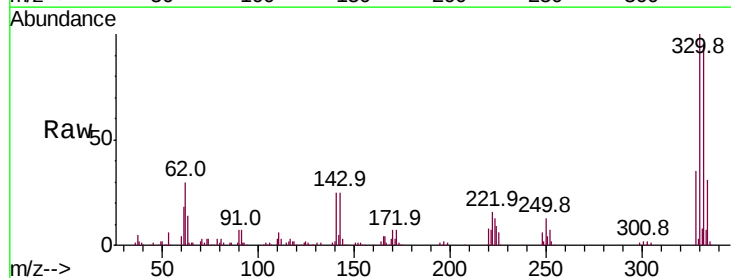
Tgt Ion:330 Resp: 439227

Ion Ratio Lower Upper

330 100

332 95.9 76.6 114.8

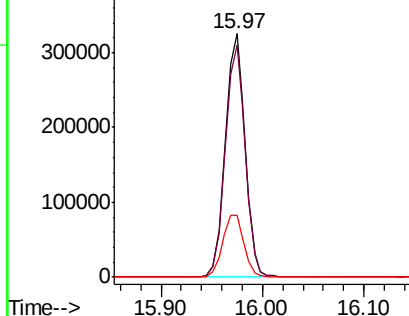
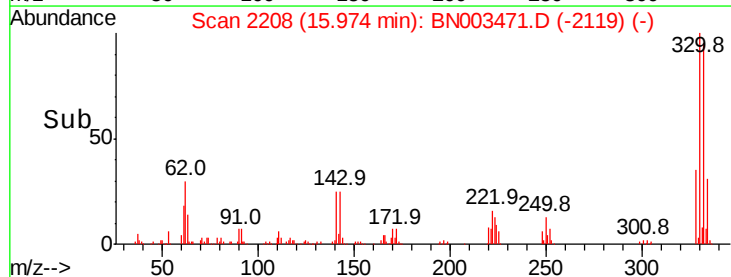
141 27.1 24.5 36.7

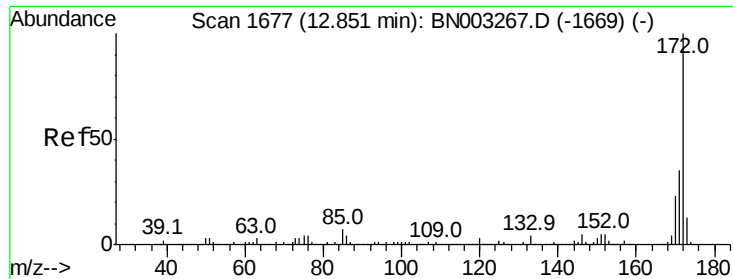


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

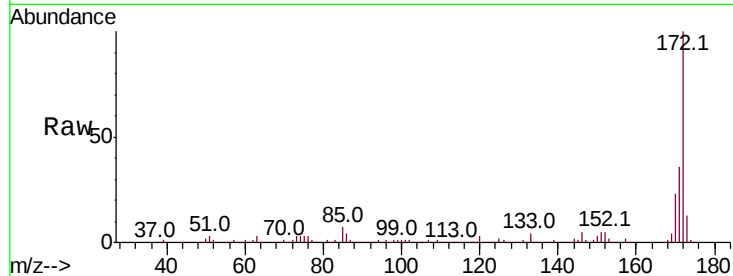




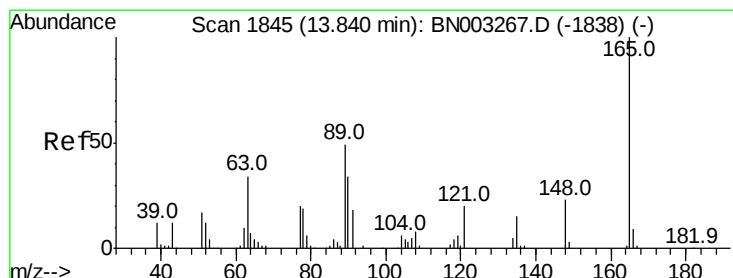
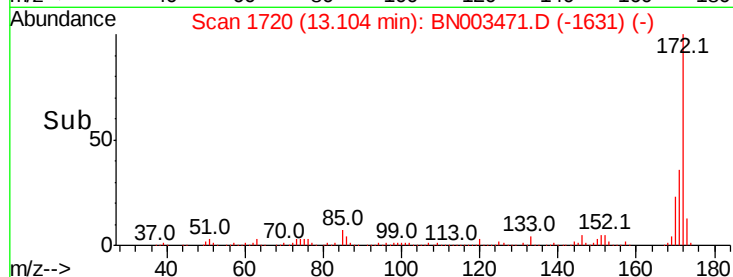
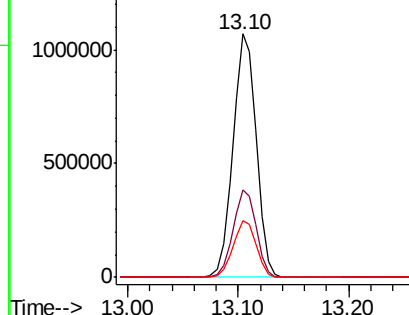
#45
 2-Fluorobiphenyl
 Concen: 64.073 ng
 RT: 13.10 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BN003471.D
 Acq: 09 Nov 2018 14:40

Instrument :
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 PB114663BL

Tot Ion:172 Resp: 1576432
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.2 42.4
 170 23.4 18.4 27.6

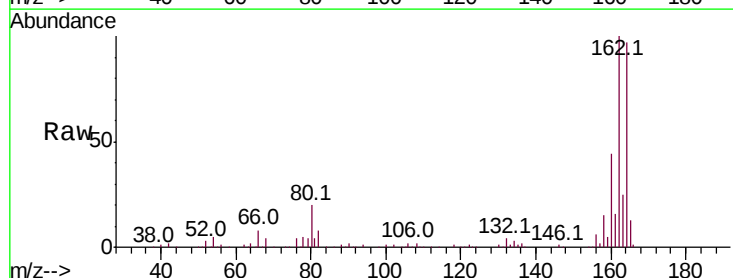


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

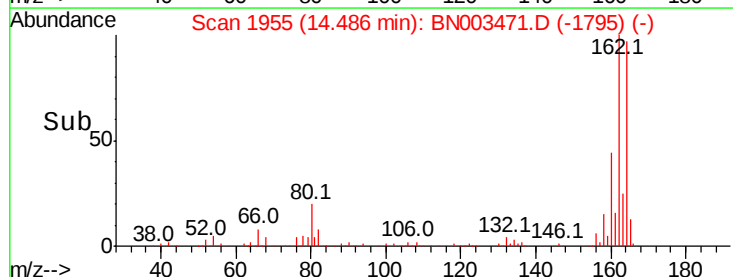
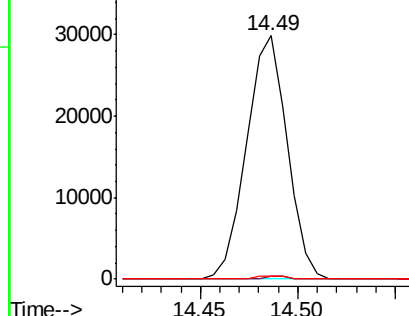


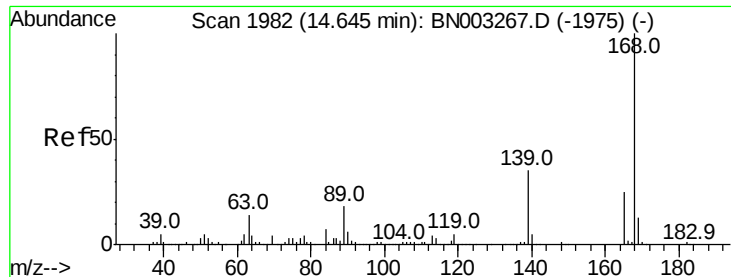
#51
 2,6-Dinitrotoluene
 Concen: 7.022 ng
 RT: 14.49 min Scan# 1955
 Delta R.T. 0.41 min
 Lab File: BN003471.D
 Acq: 09 Nov 2018 14:40

Tgt Ion:165 Resp: 43008
 Ion Ratio Lower Upper
 165 100
 63 1.1 39.2 58.8#
 89 1.3 38.9 58.3#



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

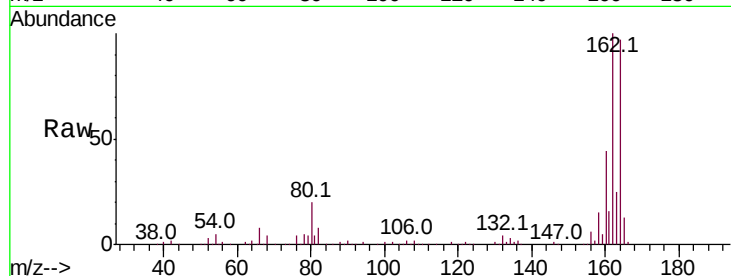




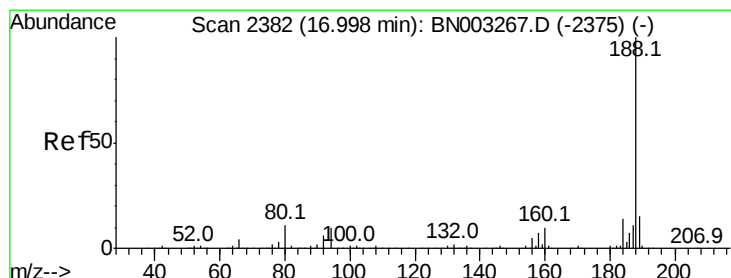
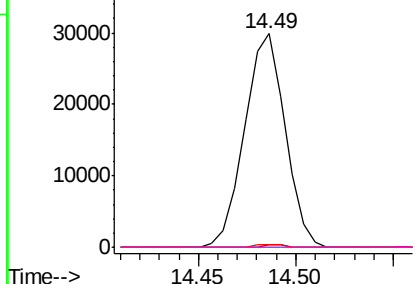
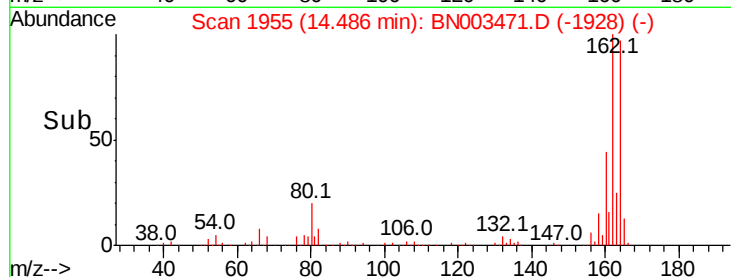
#57
 2,4-Dinitrotoluene
 Concen: 5.179 ng
 RT: 14.49 min Scan# 1955
 Delta R.T. -0.37 min
 Lab File: BN003471.D
 Acq: 09 Nov 2018 14:40

Instrument :
 BNA_N
 ClientSampleId :
 PB114663BL

Tot Ion:165 Resp: 43008
 Ion Ratio Lower Upper
 165 100
 63 1.1 45.8 68.6#
 89 1.3 58.7 88.1#
 182 0.0 2.3 3.5#

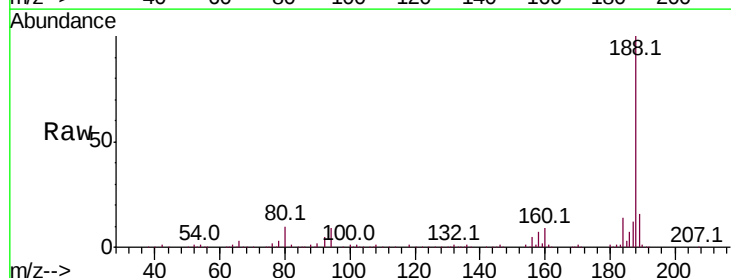


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNC
 Ion 89.00 (88.70 to 89.70): BNC
 Ion 182.00 (181.70 to 182.70): E

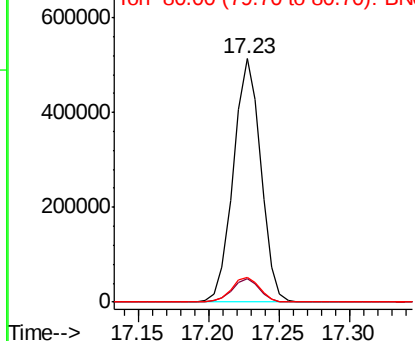
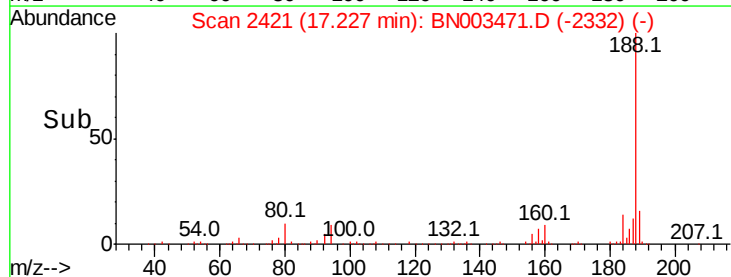


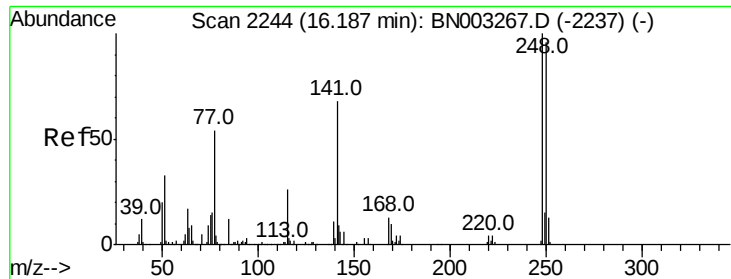
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.23 min Scan# 2421
 Delta R.T. -0.01 min
 Lab File: BN003471.D
 Acq: 09 Nov 2018 14:40

Tgt Ion:188 Resp: 695883
 Ion Ratio Lower Upper
 188 100
 94 9.4 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: 3.618 ng

RT: 15.97 min Scan# 2208

Delta R.T. -0.45 min

Lab File: BN003471.D

Acq: 09 Nov 2018 14:40

Instrument :

BNA_N

ClientSampleId :

PB114663BL

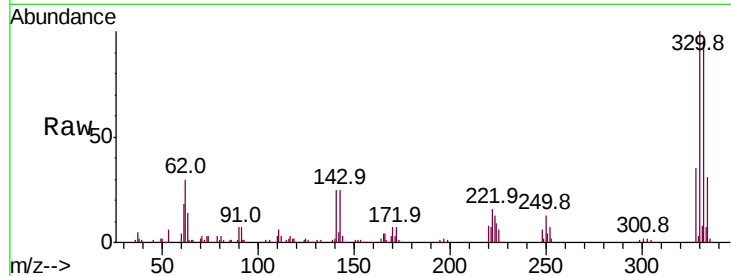
Tot Ion:248 Resp: 28352

Ion Ratio Lower Upper

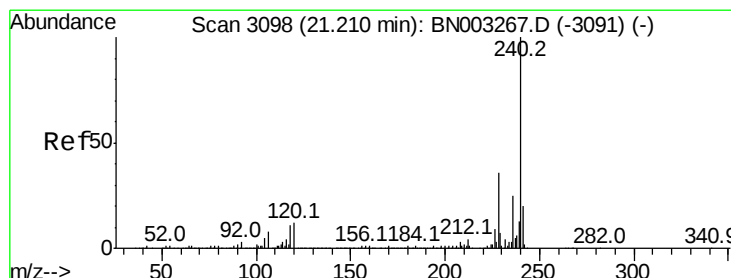
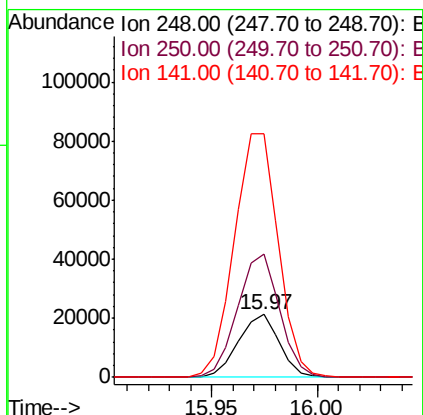
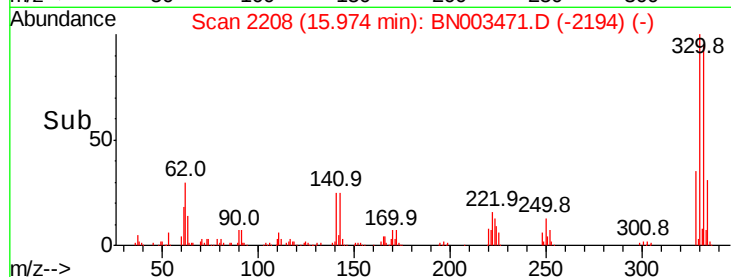
248 100

250 198.2 76.4 114.6#

141 389.0 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: BN003471.D

Acq: 09 Nov 2018 14:40

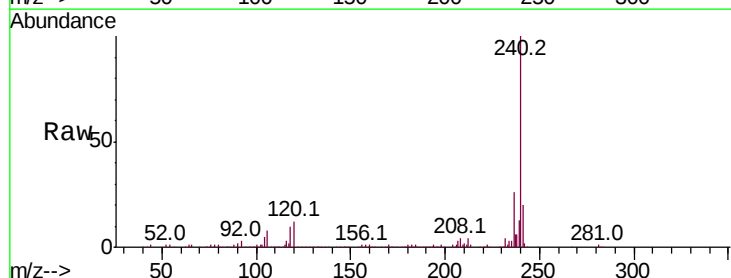
Tgt Ion:240 Resp: 598849

Ion Ratio Lower Upper

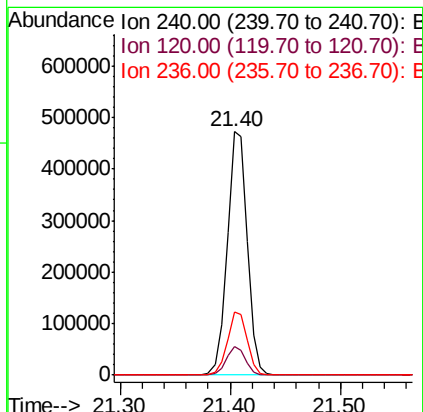
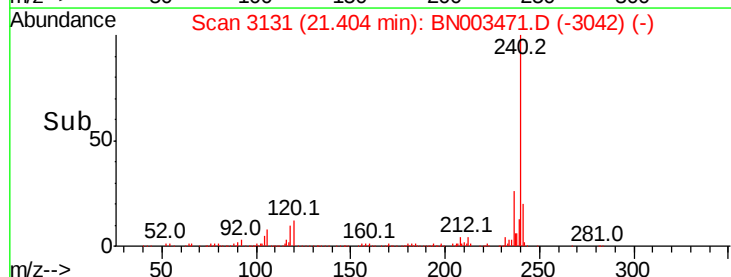
240 100

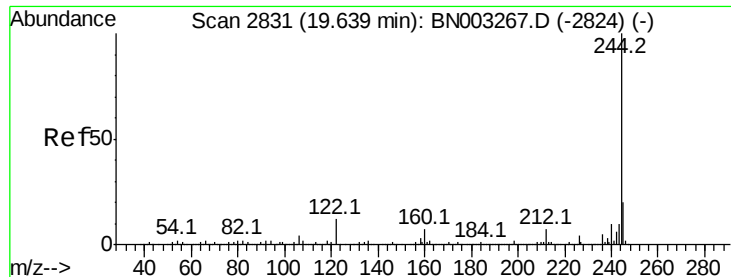
120 11.6 9.4 14.0

236 25.7 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: 68.120 ng

RT: 19.84 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BN003471.D

Acq: 09 Nov 2018 14:40

Instrument :

BNA_N

ClientSampleId :

PB114663BL

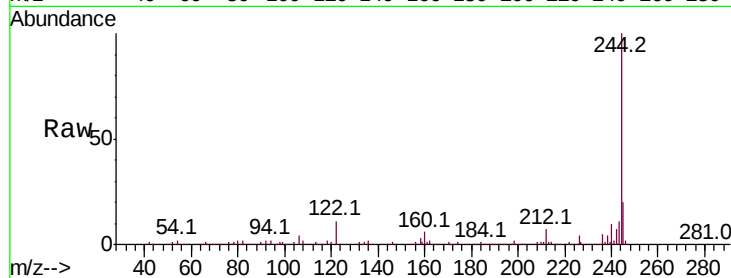
Tot Ion:244 Resp: 1907551

Ion Ratio Lower Upper

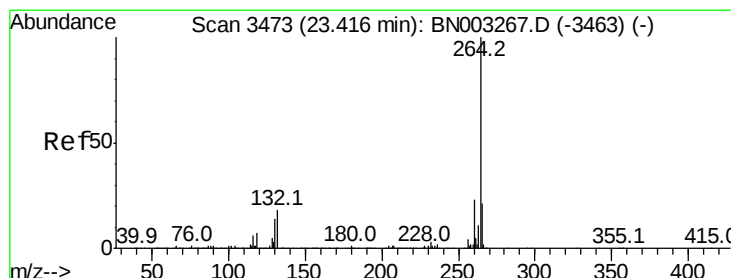
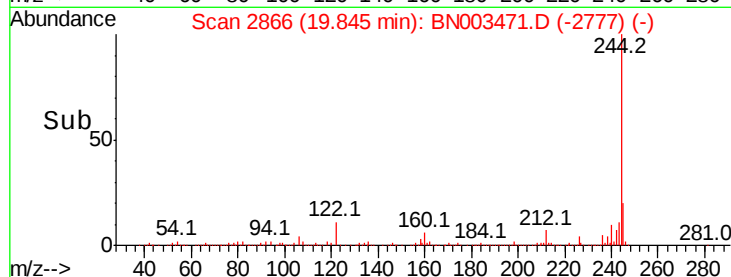
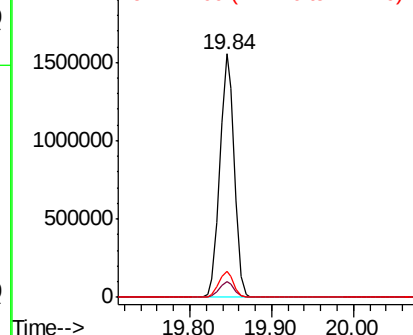
244 100

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: BN003471.D

Acq: 09 Nov 2018 14:40

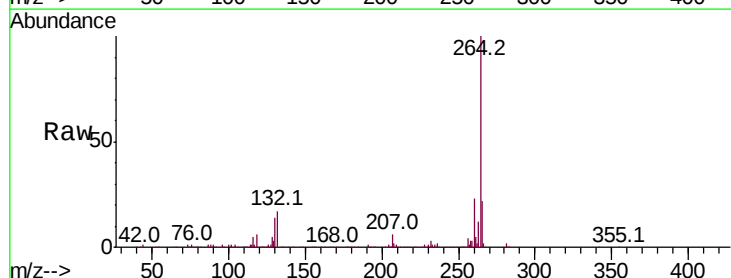
Tgt Ion:264 Resp: 637104

Ion Ratio Lower Upper

264 100

260 23.4 18.5 27.7

265 21.5 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

