

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110718\
 Data File : BN003458.D
 Acq On : 07 Nov 2018 18:55
 Operator : MJ/SJ
 Sample : J5829-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 110518-TIPC-E-D-M

Quant Time: Nov 08 16:00:43 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

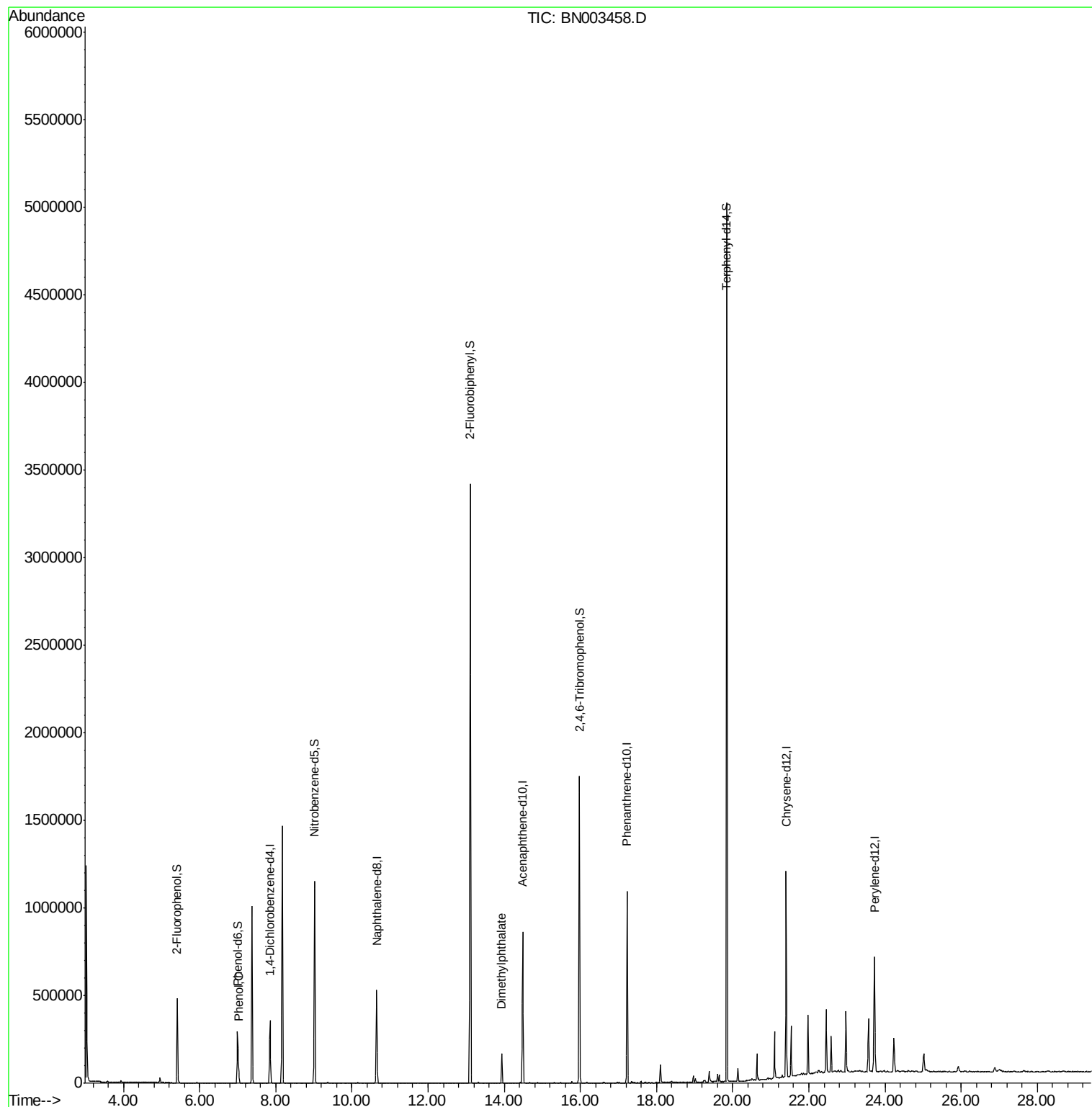
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	102122	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	456748	20.00	ng	0.00
39) Acenaphthene-d10	14.49	164	281186	20.00	ng	0.00
64) Phenanthrene-d10	17.23	188	629520	20.00	ng	0.00
76) Chrysene-d12	21.40	240	521035	20.00	ng	0.00
87) Perylene-d12	23.72	264	484814	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	220550	37.62	ng	0.00
7) Phenol-d6	7.00	99	174796	20.97	ng	-0.01
23) Nitrobenzene-d5	9.02	82	667855	83.86	ng	0.00
42) 2,4,6-Tribromophenol	15.97	330	366305	96.75	ng	0.00
45) 2-Fluorobiphenyl	13.11	172	1865360	89.98	ng	0.00
79) Terphenyl-d14	19.85	244	2423778	99.48	ng	0.00
Target Compounds						
10) Phenol	7.03	94	45462	5.167	ng	97
50) Dimethylphthalate	13.93	163	113077	4.974	ng	100

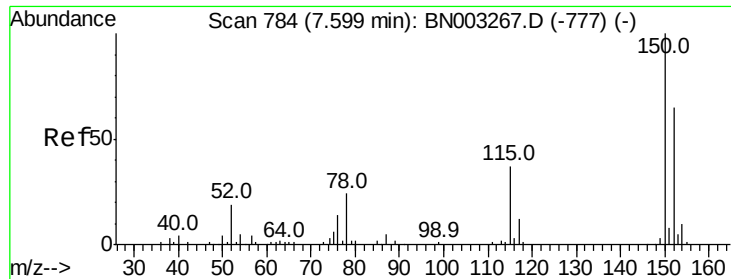
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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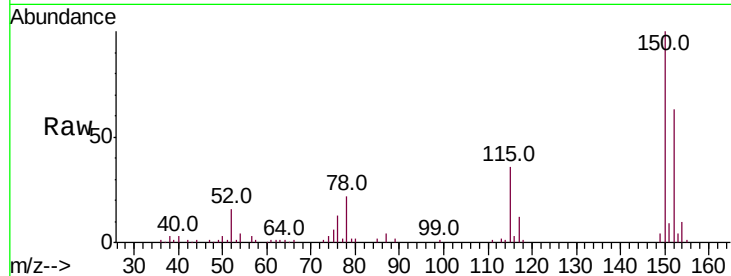


#1

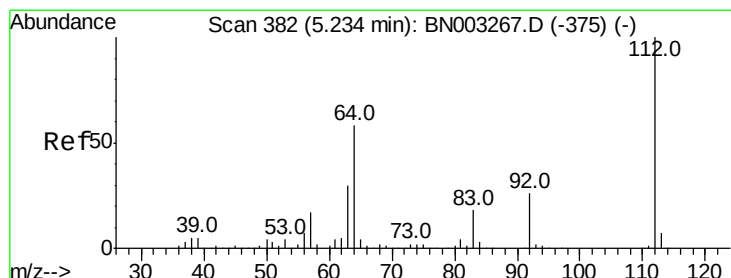
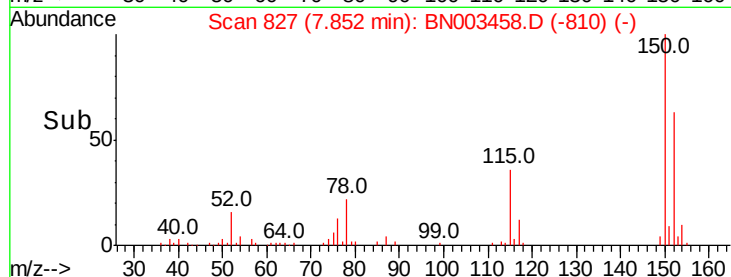
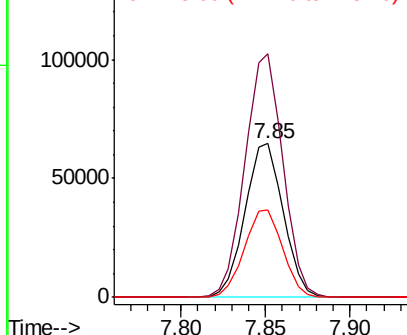
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 827
Delta R.T. 0.00 min
Lab File: BN003458.D
Acq: 07 Nov 2018 18:55

Instrument :
BNA_N
ClientSampleId :
110518-TIPC-E-D-M

Tot Ion:152 Resp: 102122
Ion Ratio Lower Upper
152 100
150 158.7 123.8 185.8
115 56.6 45.9 68.9



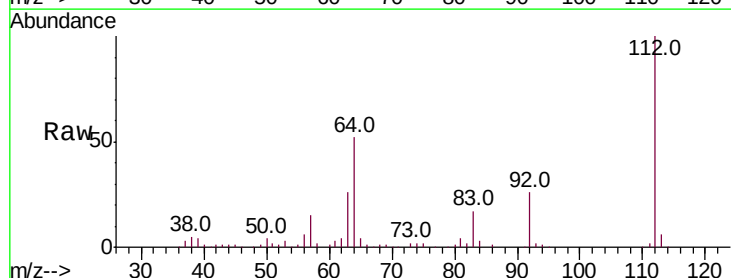
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



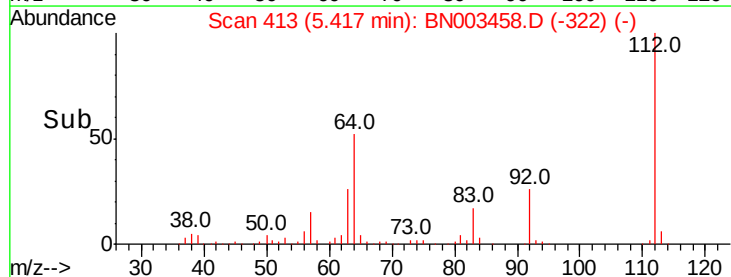
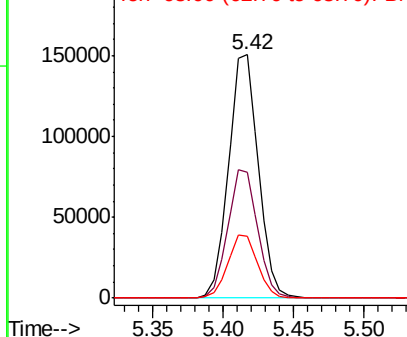
#5

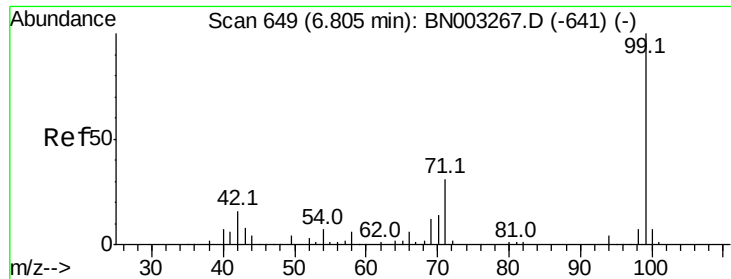
2-Fluorophenol
Concen: 37.616 ng
RT: 5.42 min Scan# 413
Delta R.T. 0.01 min
Lab File: BN003458.D
Acq: 07 Nov 2018 18:55

Tgt Ion:112 Resp: 220550
Ion Ratio Lower Upper
112 100
64 51.6 46.6 69.8
63 25.5 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: 20.966 ng

RT: 7.00 min Scan# 682

Delta R.T. -0.01 min

Lab File: BN003458.D

Acq: 07 Nov 2018 18:55

Instrument :

BNA_N

ClientSampleId :

110518-TIPC-E-D-M

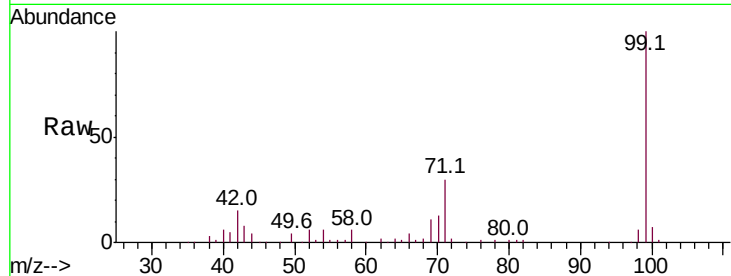
Tot Ion: 99 Resp: 174796

Ion Ratio Lower Upper

99 100

42 15.0 13.0 19.6

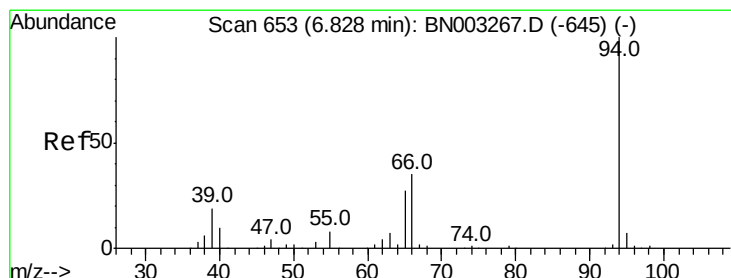
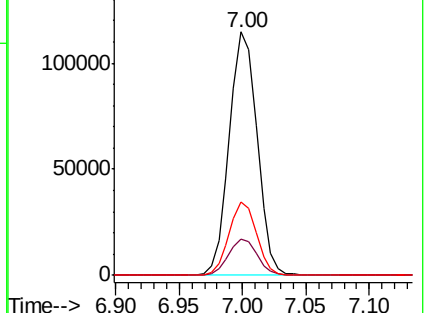
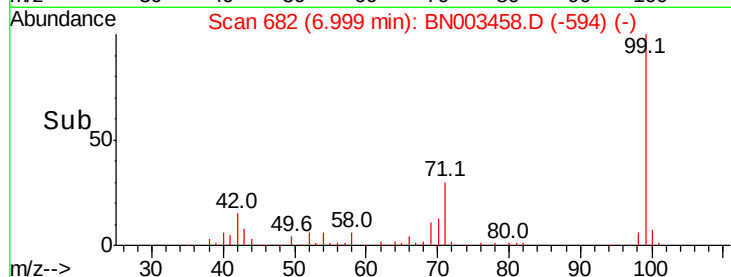
71 30.0 24.5 36.7



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) (-)



#10

Phenol

Concen: 5.167 ng

RT: 7.03 min Scan# 687

Delta R.T. -0.01 min

Lab File: BN003458.D

Acq: 07 Nov 2018 18:55

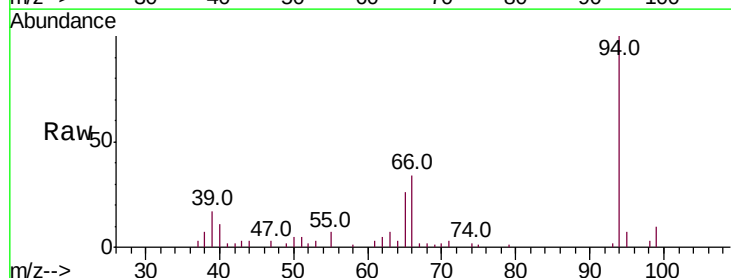
Tgt Ion: 94 Resp: 45462

Ion Ratio Lower Upper

94 100

65 26.1 7.7 47.7

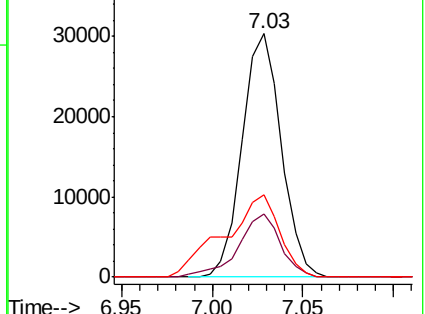
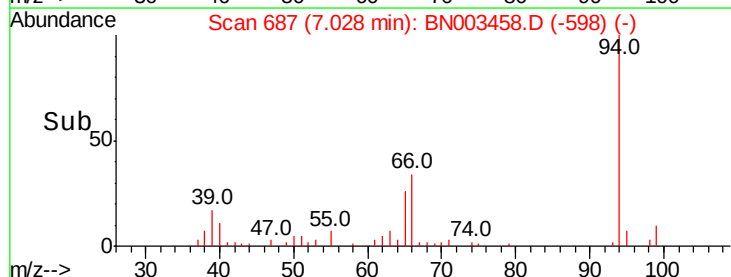
66 33.6 15.8 55.8

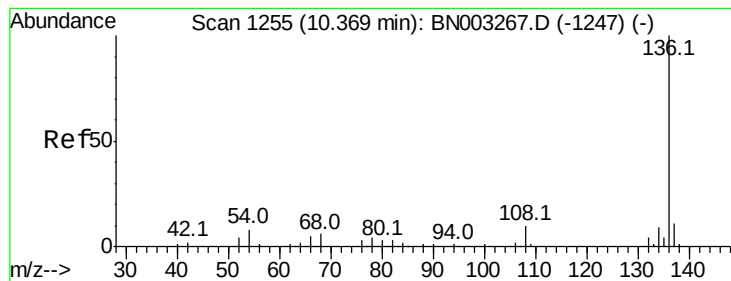


Abundance Ion 94.00 (93.70 to 94.70): BN003267.D (-645) (-)

Ion 65.00 (64.70 to 65.70): BN003267.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BN003267.D (-645) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.65 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BN003458.D

Acq: 07 Nov 2018 18:55

Instrument :

BNA_N

ClientSampleId :

110518-TIPC-E-D-M

Tot Ion:136 Resp: 456748

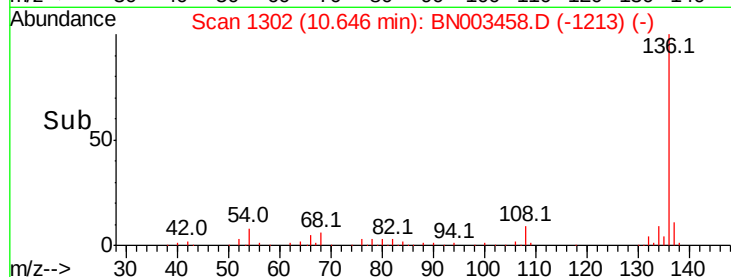
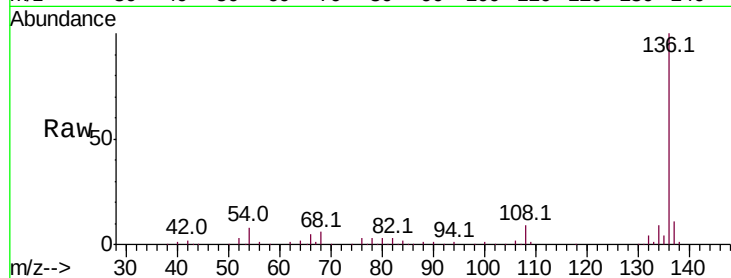
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 7.5 6.6 10.0

68 6.2 4.6 7.0

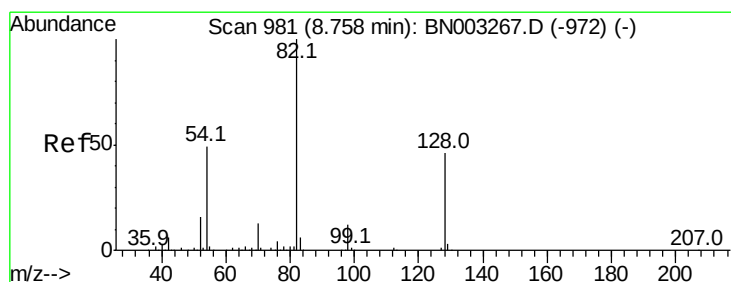
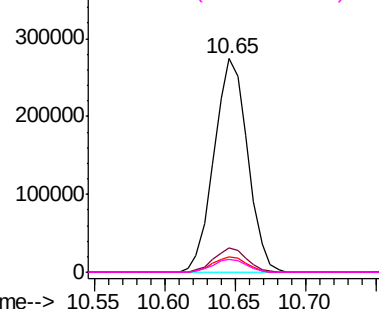


Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.856 ng

RT: 9.02 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BN003458.D

Acq: 07 Nov 2018 18:55

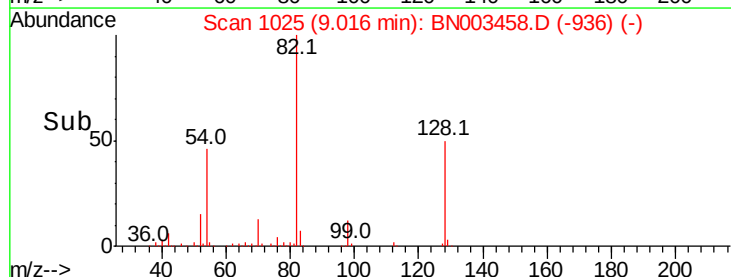
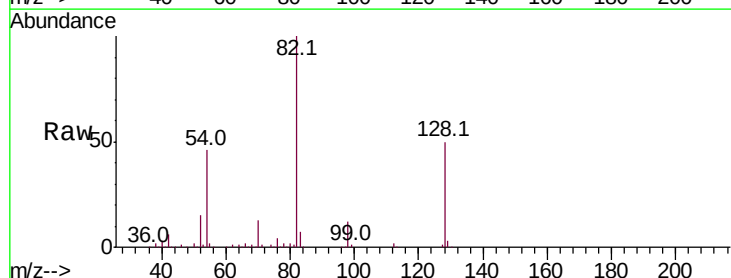
Tgt Ion: 82 Resp: 667855

Ion Ratio Lower Upper

82 100

128 49.7 37.1 55.7

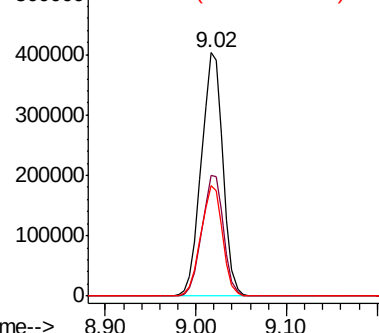
54 45.6 39.4 59.2

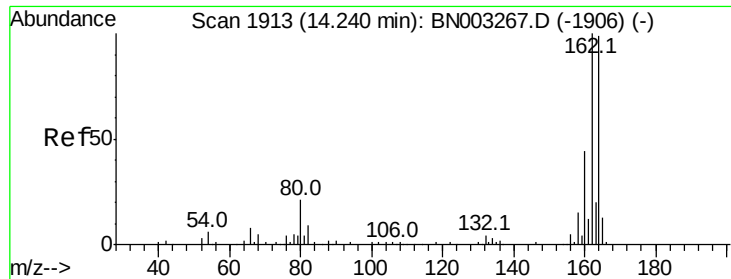


Abundance Ion 82.00 (81.70 to 82.70): BNC

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: BN003458.D

Acq: 07 Nov 2018 18:55

Instrument :

BNA_N

ClientSampleId :

110518-TIPC-E-D-M

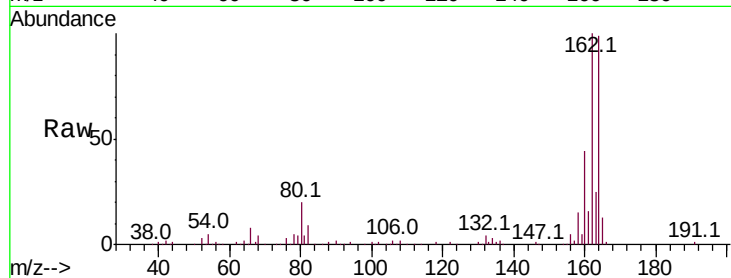
Tot Ion:164 Resp: 281186

Ion Ratio Lower Upper

164 100

162 101.2 80.8 121.2

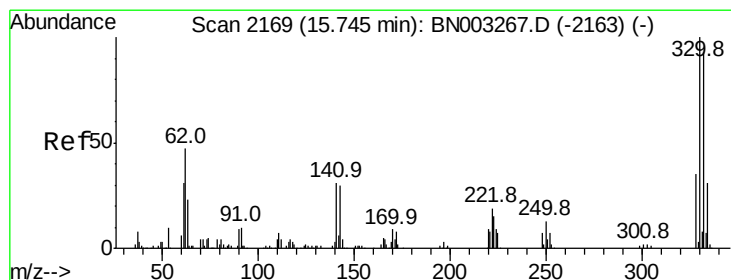
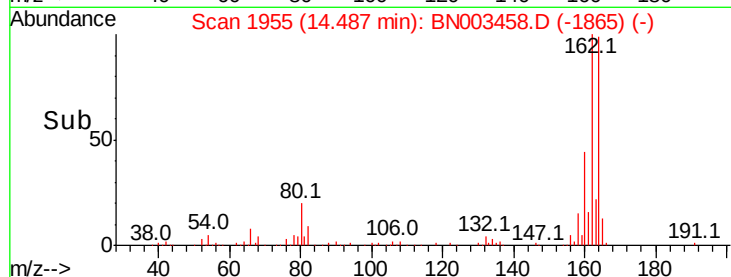
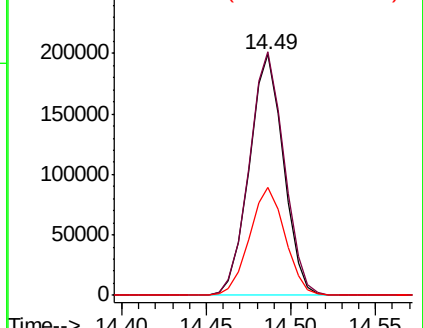
160 44.9 35.5 53.3



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: 96.746 ng

RT: 15.97 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BN003458.D

Acq: 07 Nov 2018 18:55

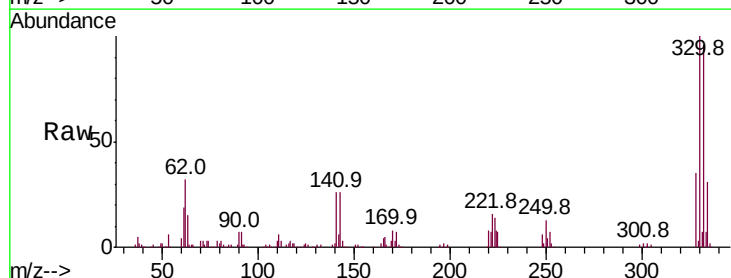
Tgt Ion:330 Resp: 366305

Ion Ratio Lower Upper

330 100

332 96.8 76.6 114.8

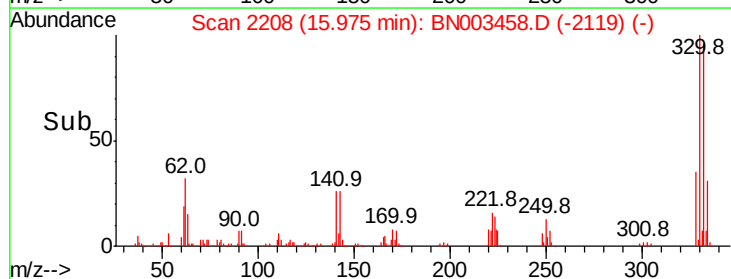
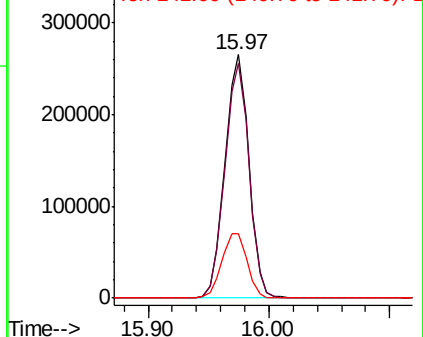
141 27.9 24.5 36.7

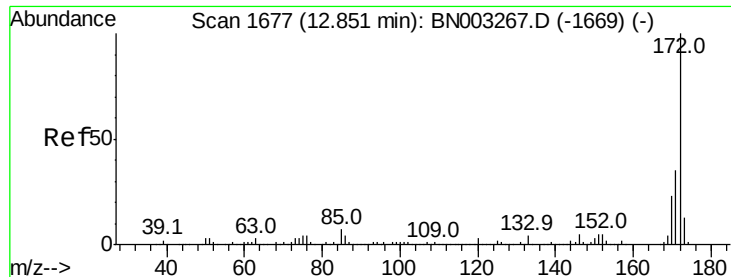


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



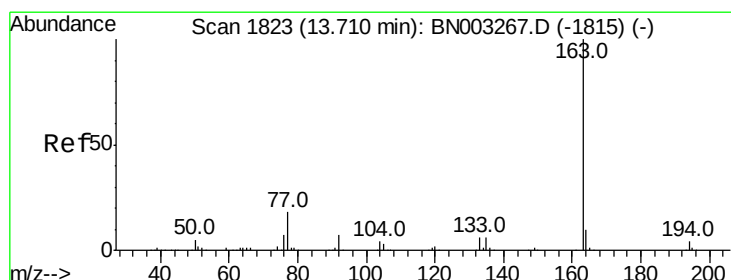
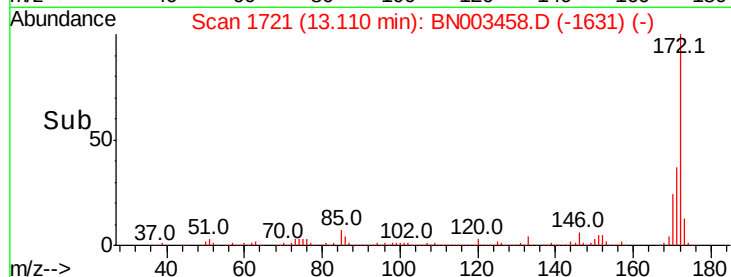
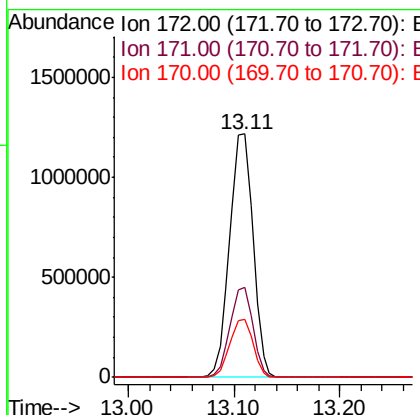
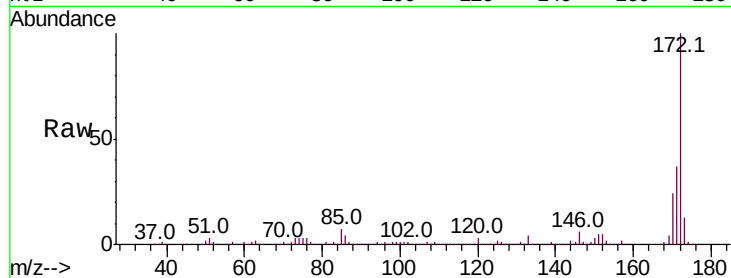


#45
 2-Fluorobiphenyl
 Concen: 89.984 ng
 RT: 13.11 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: BN003458.D
 Acq: 07 Nov 2018 18:55

Instrument :
 BNA_N
 ClientSampleId :
 110518-TIPC-E-D-M

Tot Ion:172 Resp: 1865360

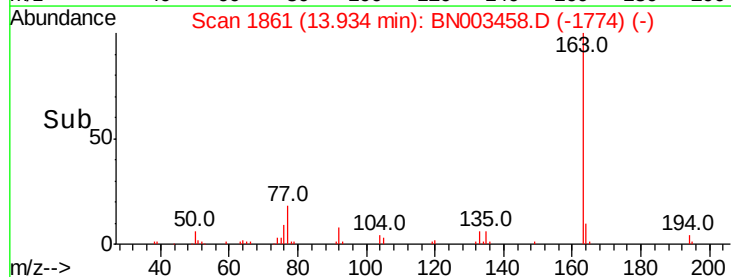
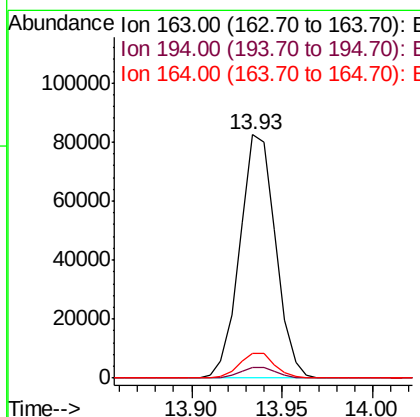
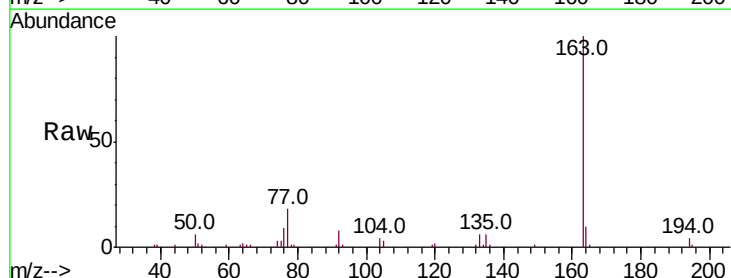
Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.2	42.4
170	23.7	18.4	27.6

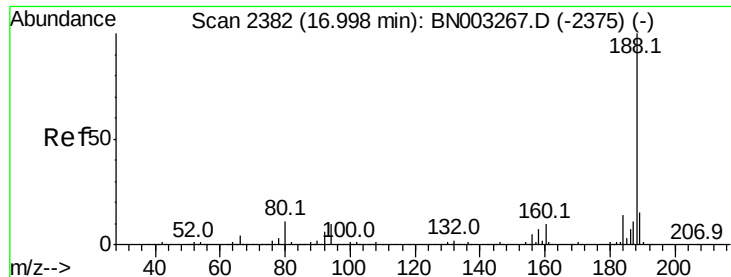


#50
 Dimethylphthalate
 Concen: 4.974 ng
 RT: 13.93 min Scan# 1861
 Delta R.T. -0.02 min
 Lab File: BN003458.D
 Acq: 07 Nov 2018 18:55

Tgt Ion:163 Resp: 113077

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.1	7.9	11.9

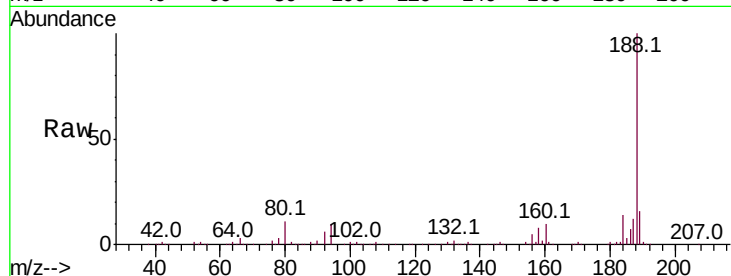




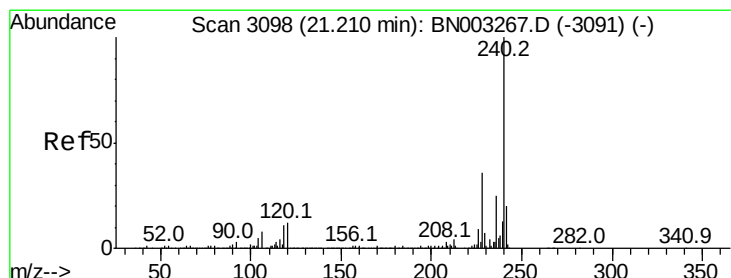
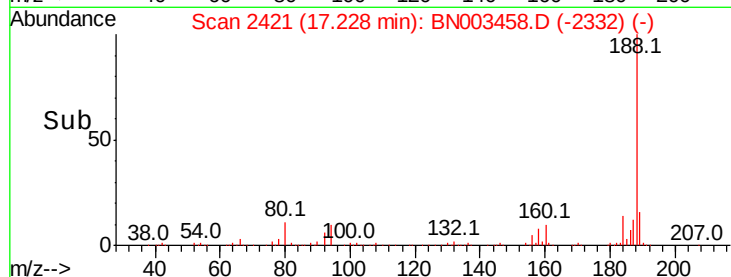
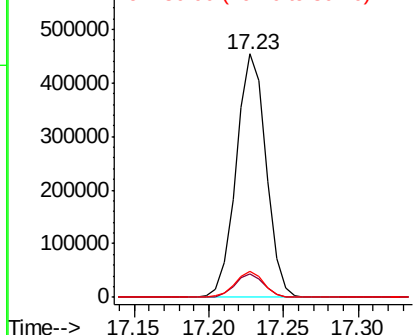
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.23 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BN003458.D
Acq: 07 Nov 2018 18:55

Instrument :
BNA_N
ClientSampleId :
110518-TIPC-E-D-M

Tot Ion:188 Resp: 629520
Ion Ratio Lower Upper
188 100
94 9.9 8.1 12.1
80 10.6 8.6 13.0

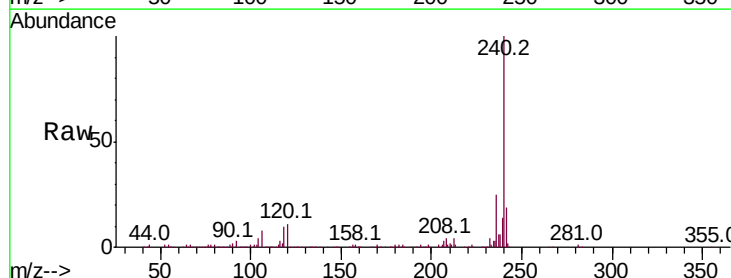


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BNC
Ion 80.00 (79.70 to 80.70): BNC

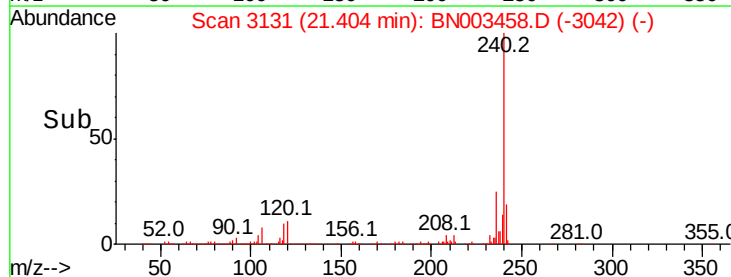
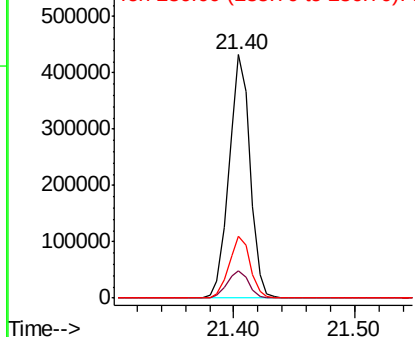


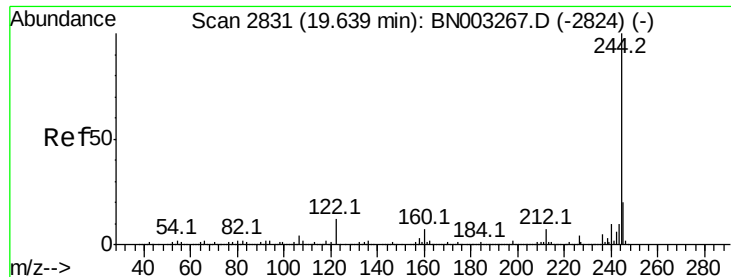
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.40 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BN003458.D
Acq: 07 Nov 2018 18:55

Tgt Ion:240 Resp: 521035
Ion Ratio Lower Upper
240 100
120 11.4 9.4 14.0
236 25.5 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: 99.482 ng

RT: 19.85 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BN003458.D

Acq: 07 Nov 2018 18:55

Instrument :

BNA_N

ClientSampleId :

110518-TIPC-E-D-M

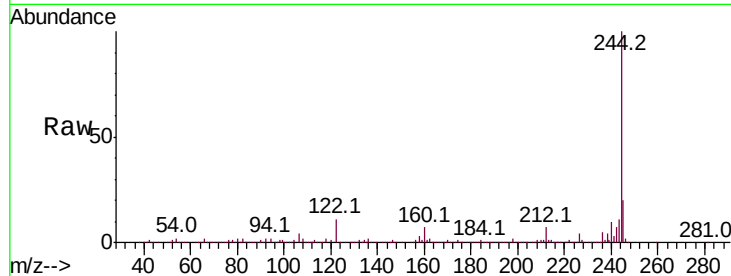
Tot Ion:244 Resp: 2423778

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

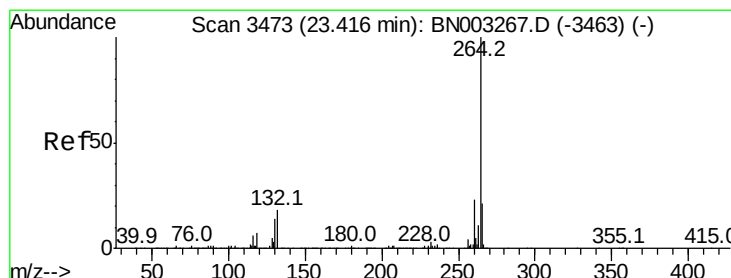
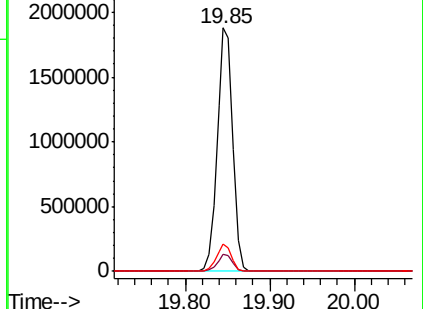
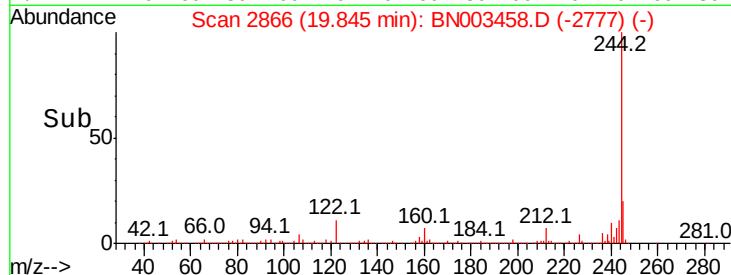
122 11.4 9.4 14.2



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: BN003458.D

Acq: 07 Nov 2018 18:55

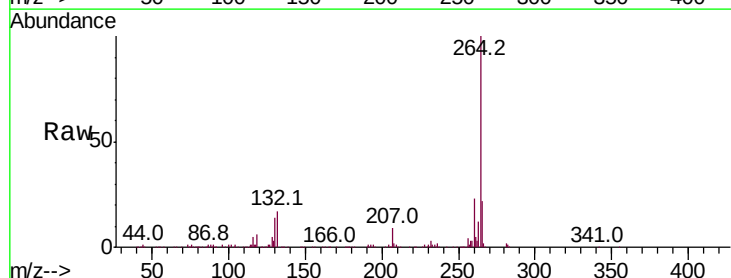
Tgt Ion:264 Resp: 484814

Ion Ratio Lower Upper

264 100

260 23.5 18.5 27.7

265 21.9 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

