

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110618\
 Data File : BN003441.D
 Acq On : 06 Nov 2018 20:54
 Operator : MJ/SJ
 Sample : J5826-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 07 08:29:32 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

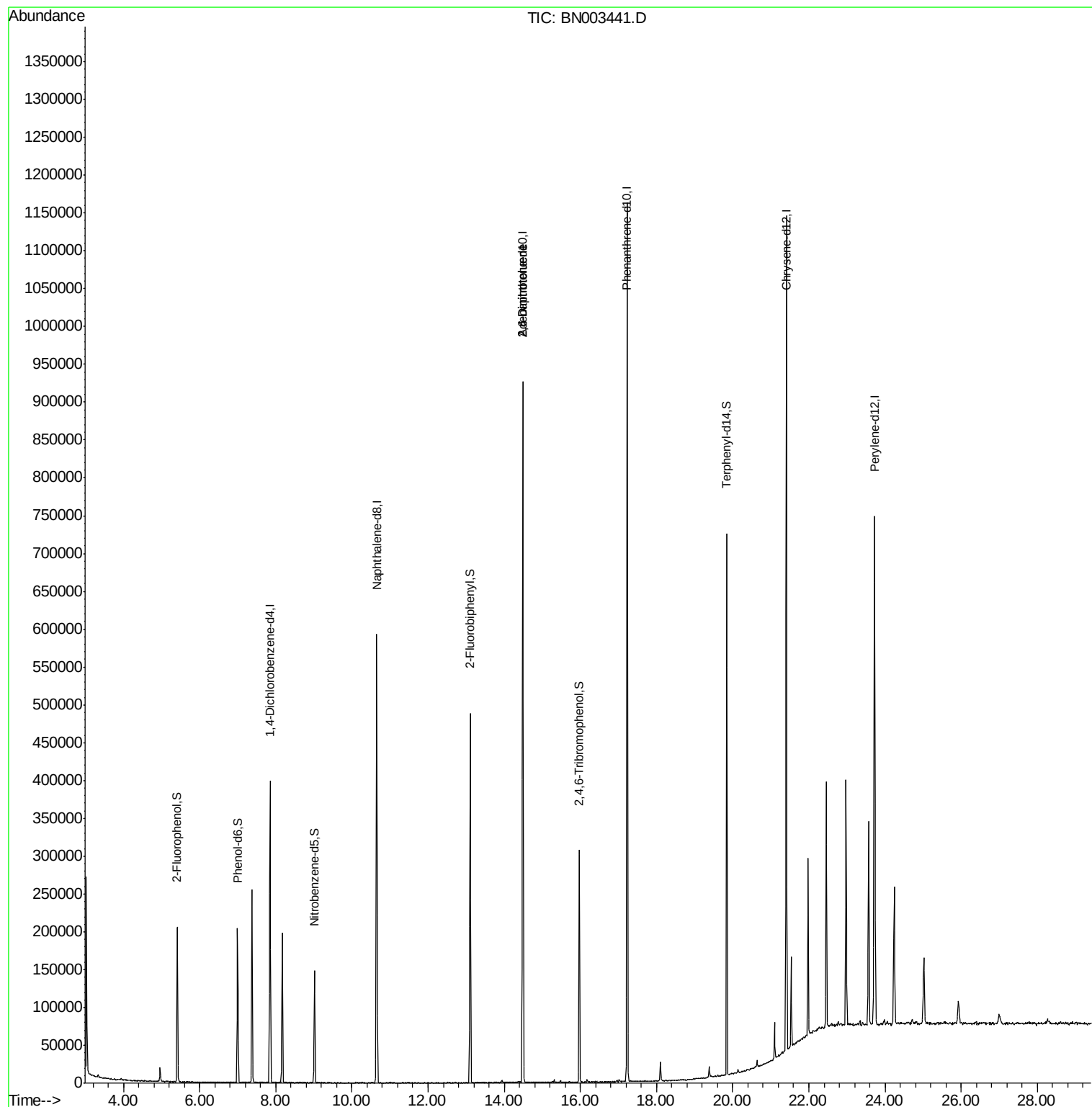
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	113865	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	510459	20.00	ng	0.00
39) Acenaphthene-d10	14.49	164	306889	20.00	ng	0.00
64) Phenanthrene-d10	17.23	188	663114	20.00	ng	0.00
76) Chrysene-d12	21.41	240	510789	20.00	ng	0.00
87) Perylene-d12	23.72	264	494767	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	96329	14.74	ng	0.00
7) Phenol-d6	7.00	99	120494	12.96	ng	-0.01
23) Nitrobenzene-d5	9.02	82	82807	9.30	ng	0.00
42) 2,4,6-Tribromophenol	15.97	330	61749	14.94	ng	0.00
45) 2-Fluorobiphenyl	13.10	172	251190	11.10	ng	0.00
79) Terphenyl-d14	19.85	244	329912	13.81	ng	0.00
Target Compounds						
51) 2,6-Dinitrotoluene	14.49	165	39715	7.05	ng	# 29
57) 2,4-Dinitrotoluene	14.49	165	39715	5.20	ng	# 20

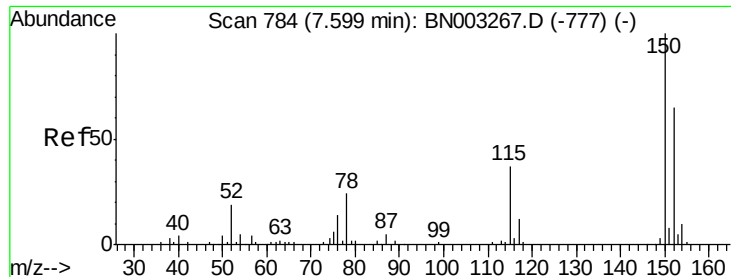
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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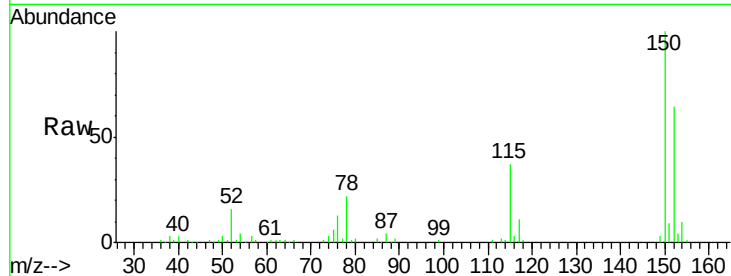


#1

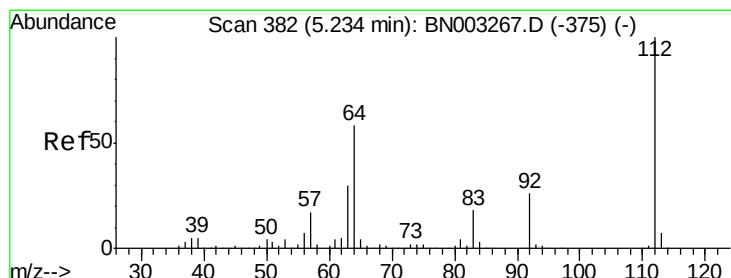
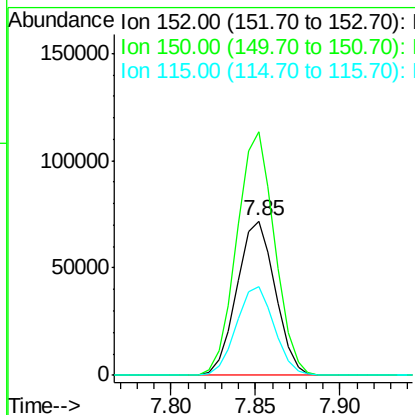
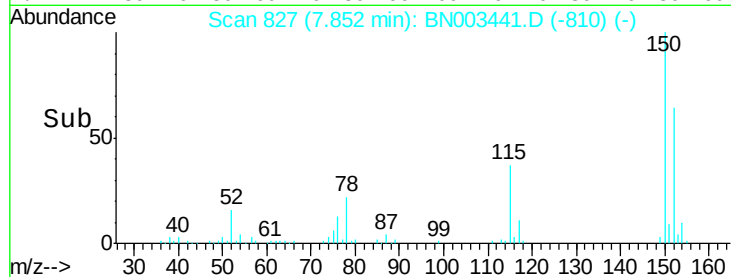
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 827
Delta R.T. 0.00 min
Lab File: BN003441.D
Acq: 06 Nov 2018 20:54

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	123.8	185.8
115	57.6	45.9	68.9



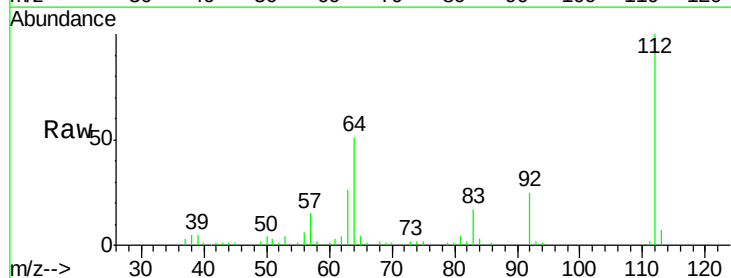
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



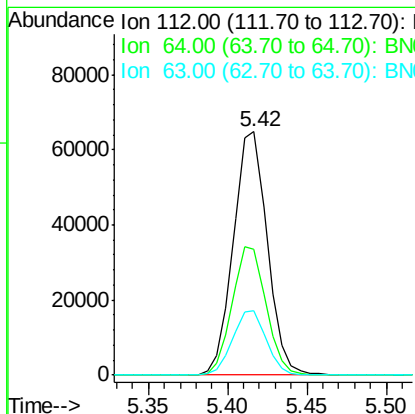
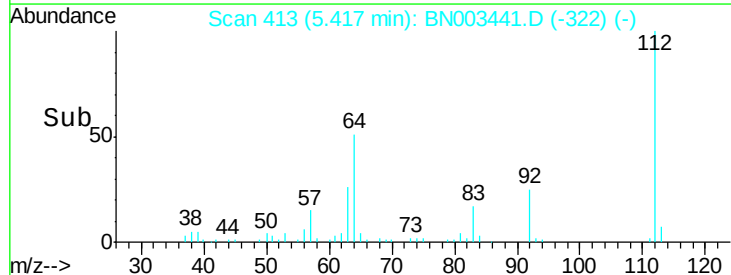
#5

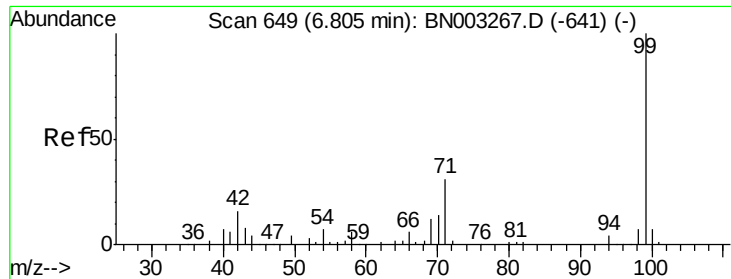
2-Fluorophenol
Concen: 14.74 ng
RT: 5.42 min Scan# 413
Delta R.T. 0.01 min
Lab File: BN003441.D
Acq: 06 Nov 2018 20:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.5	46.6	69.8
63	26.4	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: 12.96 ng

RT: 7.00 min Scan# 682

Delta R.T. -0.01 min

Lab File: BN003441.D

Acq: 06 Nov 2018 20:54

Instrument :

BNA_N

ClientSampled :

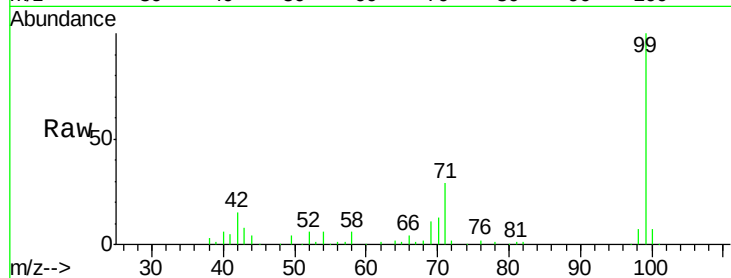
Tot Ion: 99 Resp: 120494

Ion Ratio Lower Upper

99 100

42 15.0 13.0 19.6

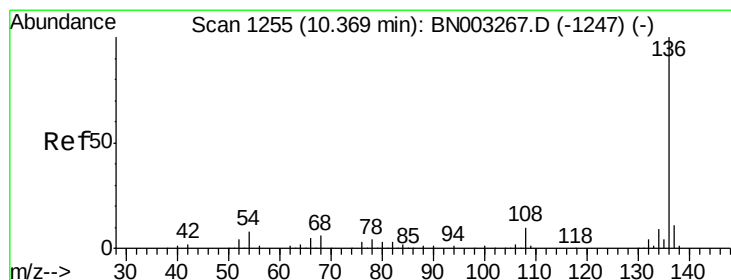
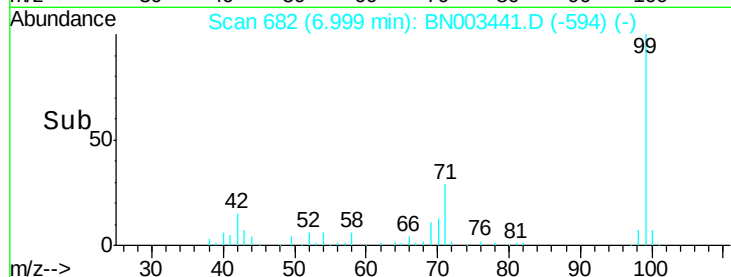
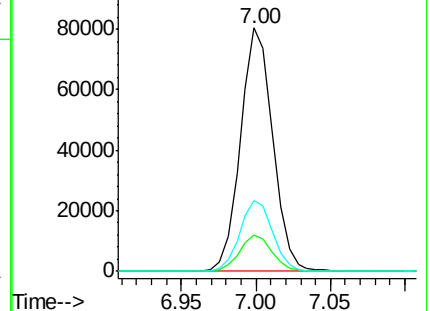
71 29.2 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BN003441.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BN003441.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BN003441.D (-641) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.65 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BN003441.D

Acq: 06 Nov 2018 20:54

Tgt Ion: 136 Resp: 510459

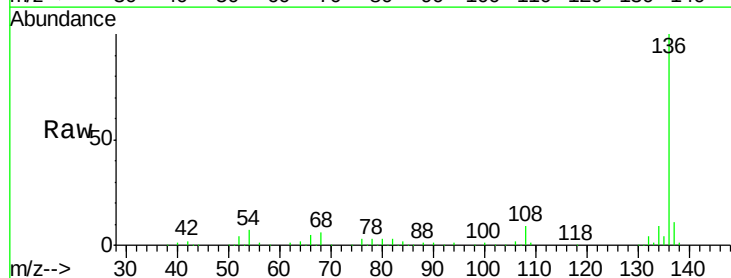
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 7.3 6.6 10.0

68 6.2 4.6 7.0

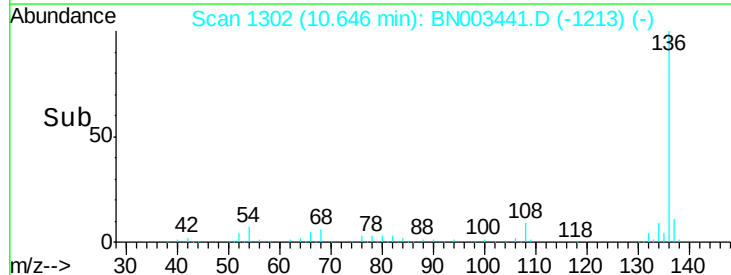
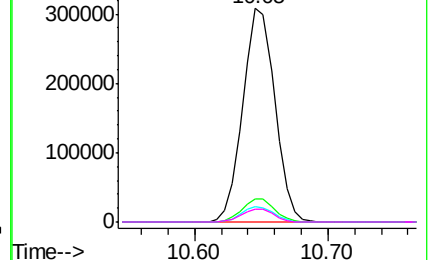


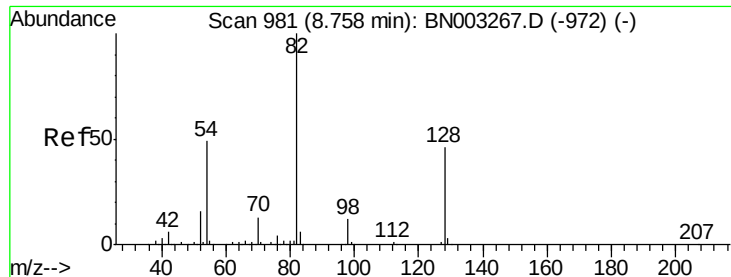
Abundance Ion 136.00 (135.70 to 136.70): BN003441.D (-1247) (-)

Ion 137.00 (136.70 to 137.70): BN003441.D (-1247) (-)

Ion 54.00 (53.70 to 54.70): BN003441.D (-1247) (-)

Ion 68.00 (67.70 to 68.70): BN003441.D (-1247) (-)

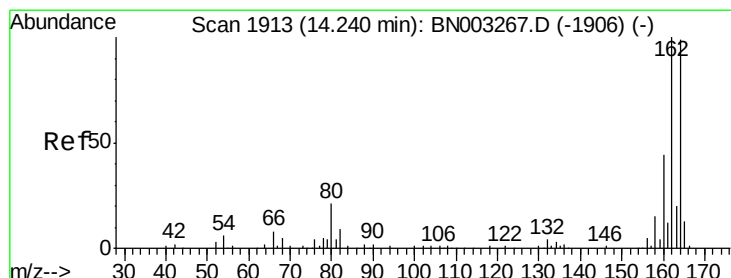
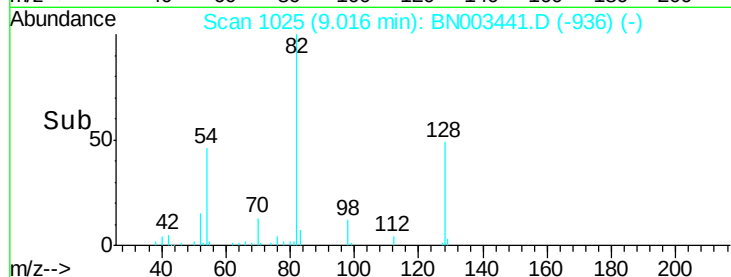
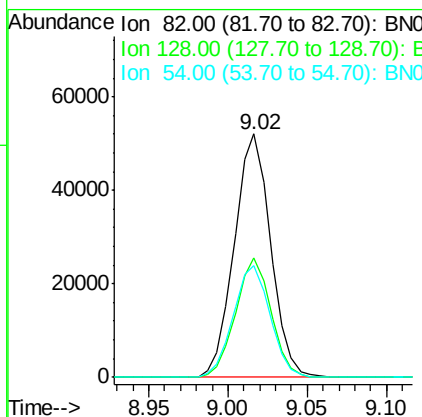
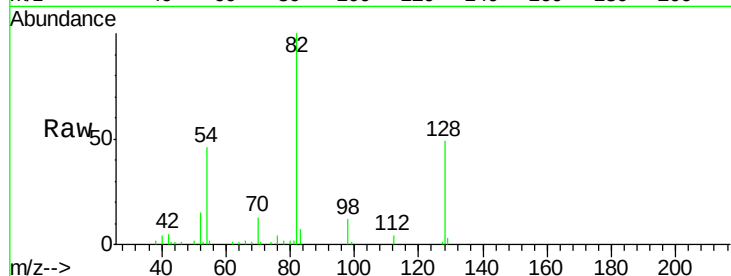




#23
 Nitrobenzene-d5
 Concen: 9.30 ng
 RT: 9.02 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BN003441.D
 Acq: 06 Nov 2018 20:54

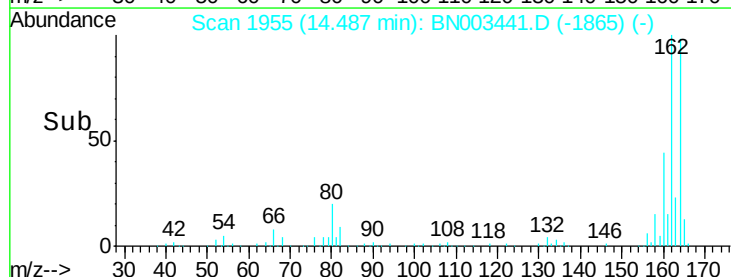
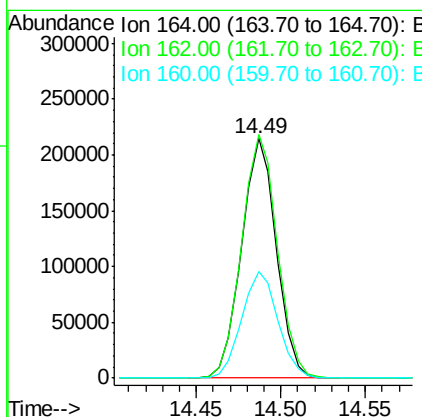
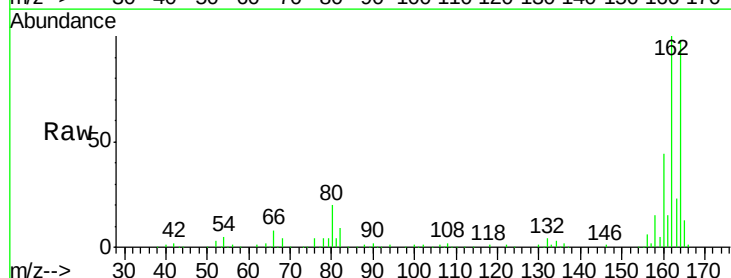
Instrument :
 BNA_N
 ClientSampleId :

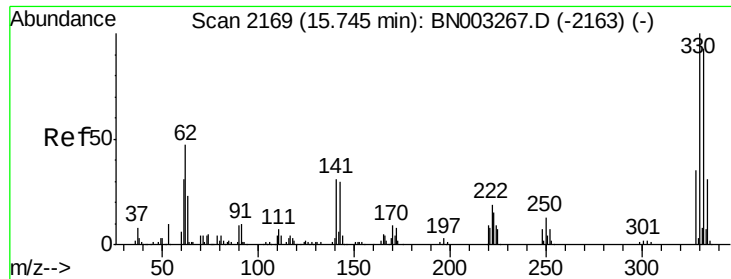
Tot Ion	82	Resp	82807
Ion Ratio	100		
Lower	37.1		
Upper	55.7		
128	48.9		
54	46.1		
	39.4		
	59.2		



#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.49 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: BN003441.D
 Acq: 06 Nov 2018 20:54

Tgt Ion	164	Resp	306889
Ion Ratio	100		
Lower	80.8		
Upper	121.2		
162	101.7		
160	44.6		
	35.5		
	53.3		

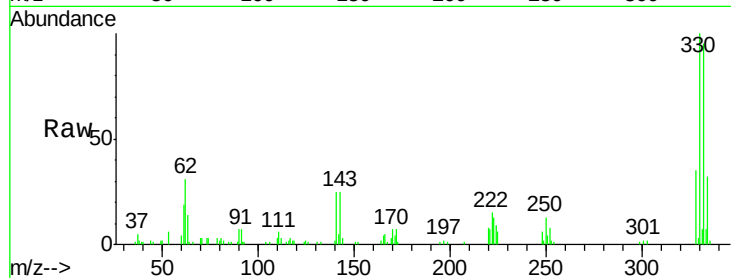




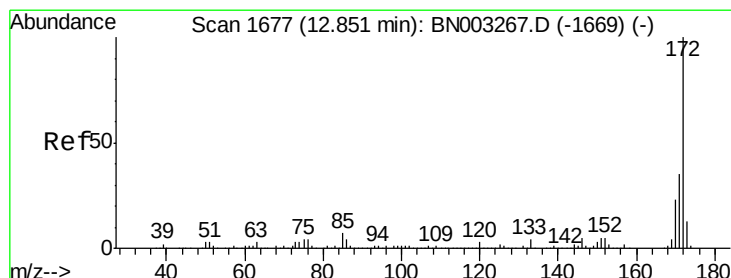
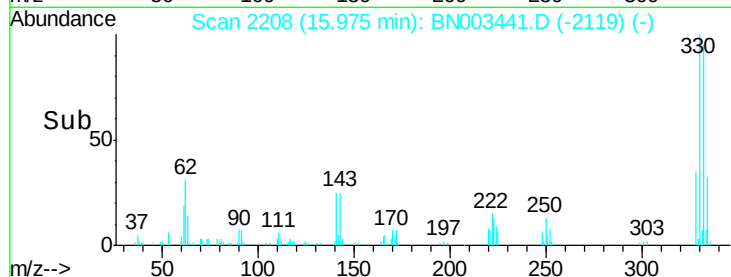
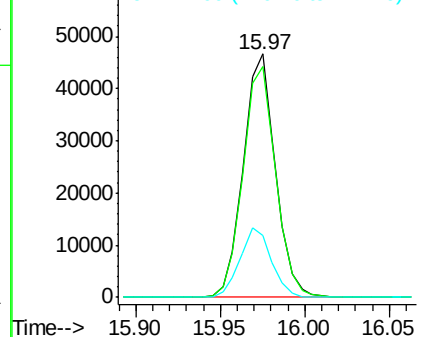
#42
 2,4,6-Tribromophenol
 Concen: 14.94 ng
 RT: 15.97 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BN003441.D
 Acq: 06 Nov 2018 20:54

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	114.8
141	27.9	24.5	36.7

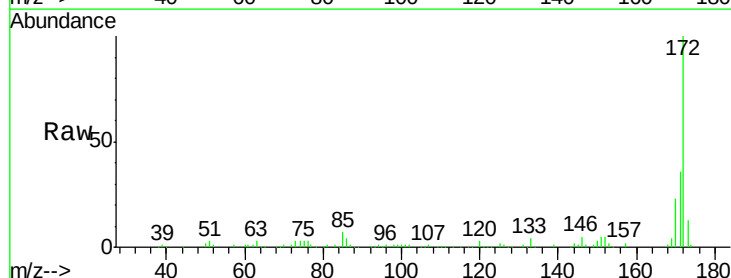


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

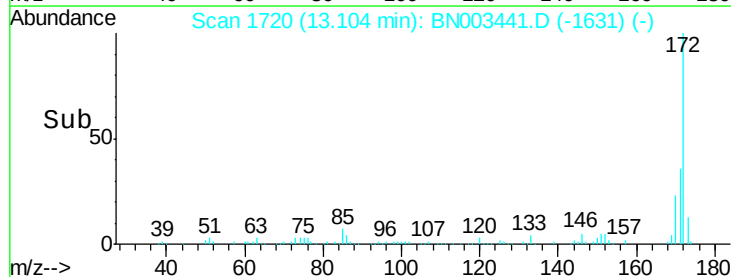
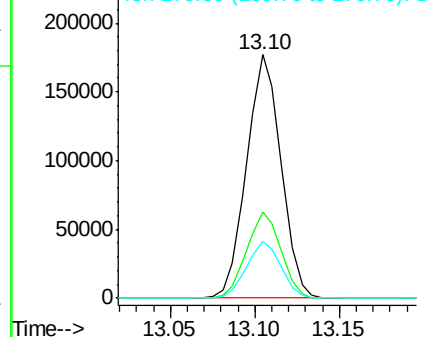


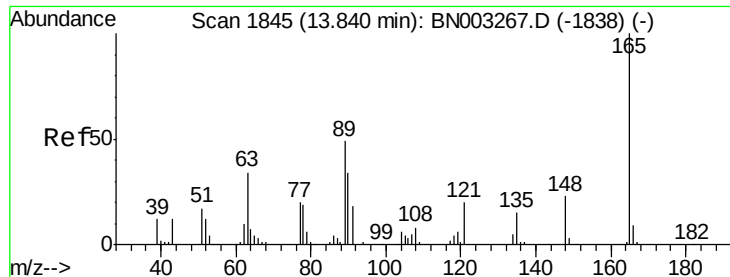
#45
 2-Fluorobiphenyl
 Concen: 11.10 ng
 RT: 13.10 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BN003441.D
 Acq: 06 Nov 2018 20:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.2	42.4
170	23.3	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

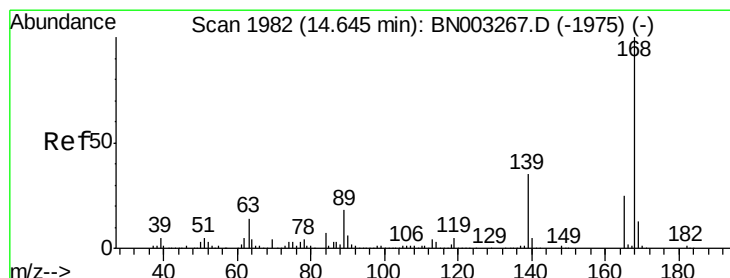
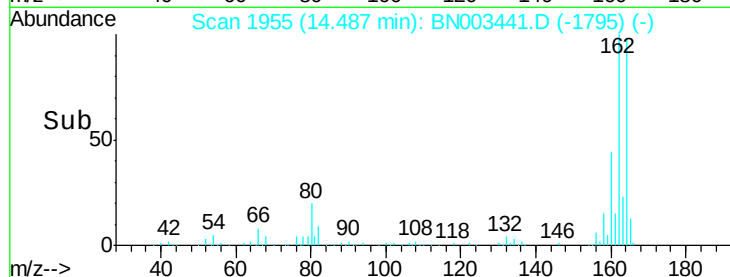
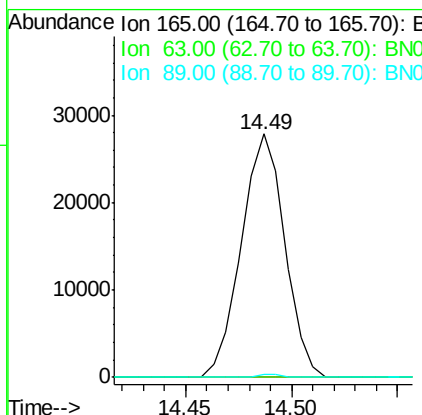
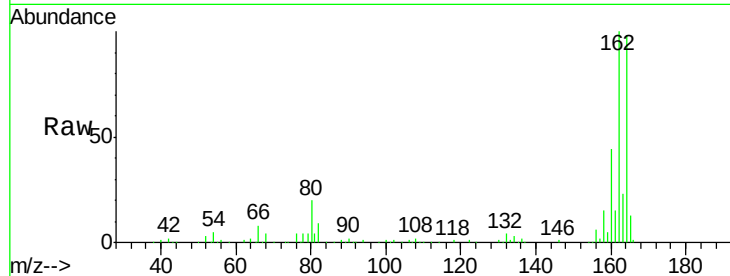




#51
 2,6-Dinitrotoluene
 Concen: 7.05 ng
 RT: 14.49 min Scan# 1955
 Delta R.T. 0.41 min
 Lab File: BN003441.D
 Acq: 06 Nov 2018 20:54

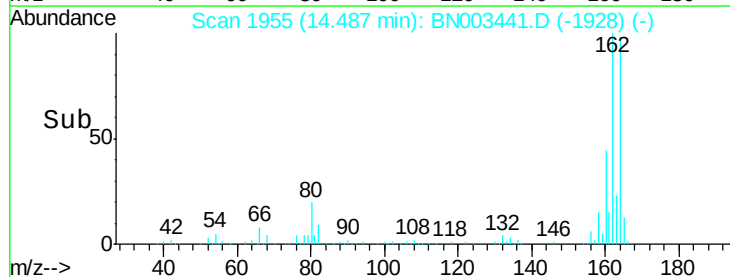
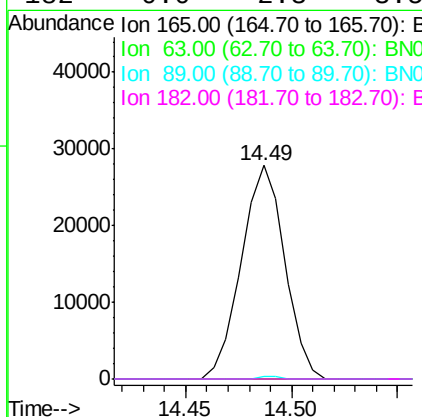
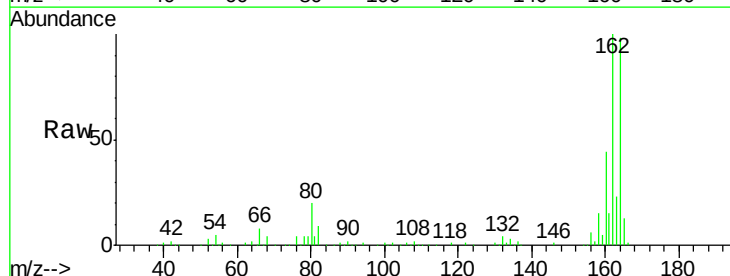
Instrument :
 BNA_N
 ClientSampleId :

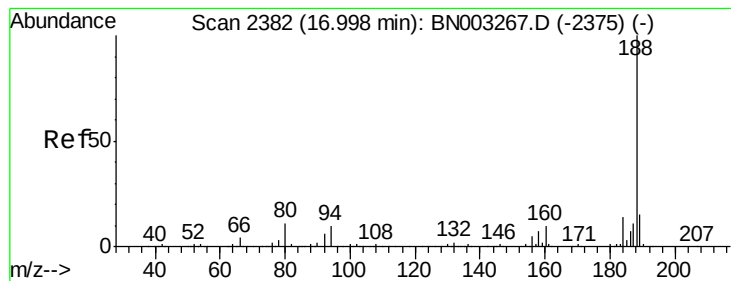
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.2	58.8#
89	1.3	38.9	58.3#



#57
 2,4-Dinitrotoluene
 Concen: 5.20 ng
 RT: 14.49 min Scan# 1955
 Delta R.T. -0.37 min
 Lab File: BN003441.D
 Acq: 06 Nov 2018 20:54

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	45.8	68.6#
89	1.3	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: BN003441.D

Acq: 06 Nov 2018 20:54

Instrument :

BNA_N

ClientSampleId :

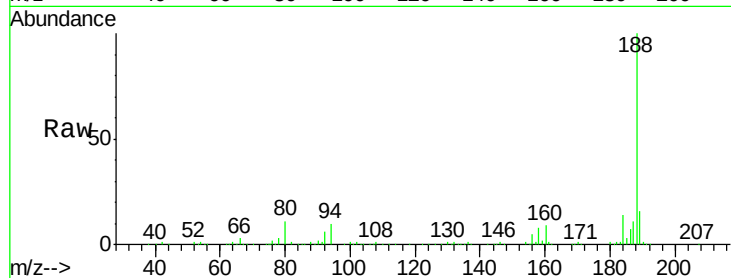
Tot Ion:188 Resp: 663114

Ion Ratio Lower Upper

188 100

94 9.7 8.1 12.1

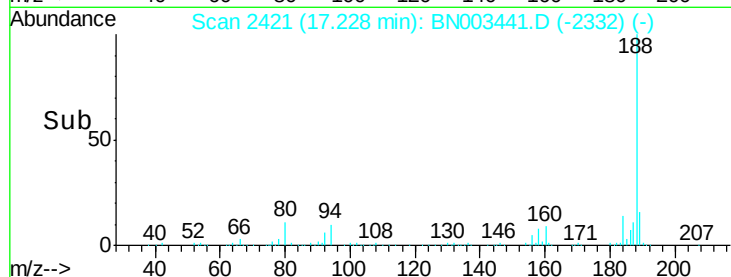
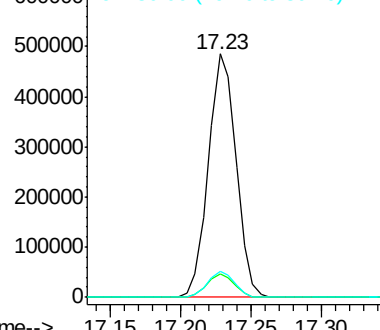
80 10.6 8.6 13.0



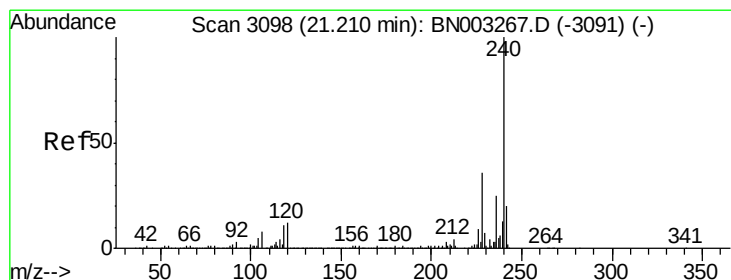
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



Time--> 17.15 17.20 17.25 17.30



#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.41 min Scan# 3132

Delta R.T. 0.00 min

Lab File: BN003441.D

Acq: 06 Nov 2018 20:54

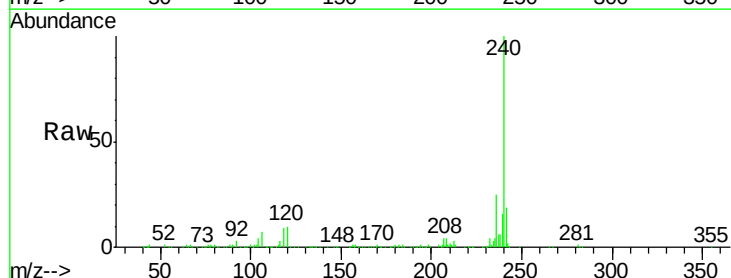
Tgt Ion:240 Resp: 510789

Ion Ratio Lower Upper

240 100

120 10.4 9.4 14.0

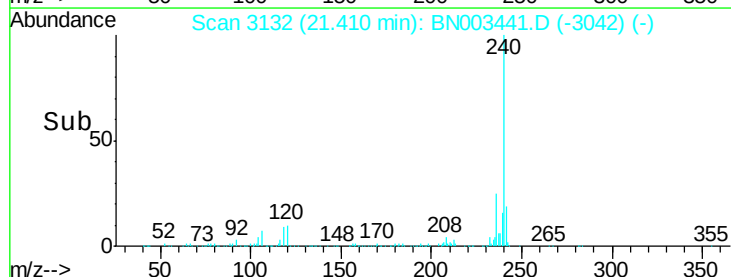
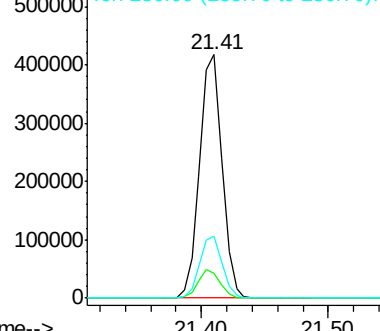
236 25.3 20.3 30.5



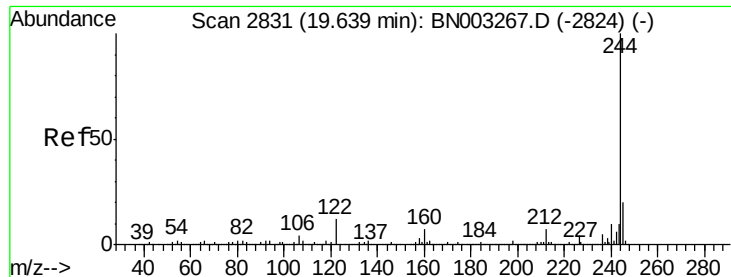
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.40 21.50



#79

Terphenyl-d14

Concen: 13.81 ng

RT: 19.85 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BN003441.D

Acq: 06 Nov 2018 20:54

Instrument :

BNA_N

ClientSampleId :

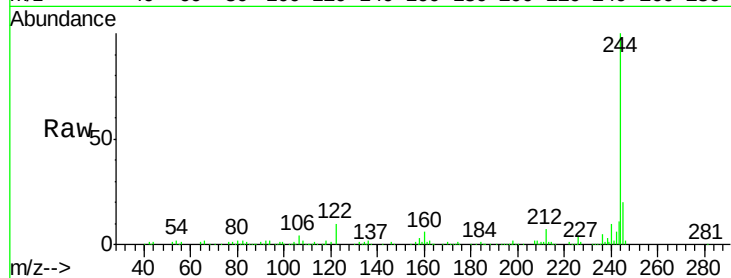
Tot Ion:244 Resp: 329912

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

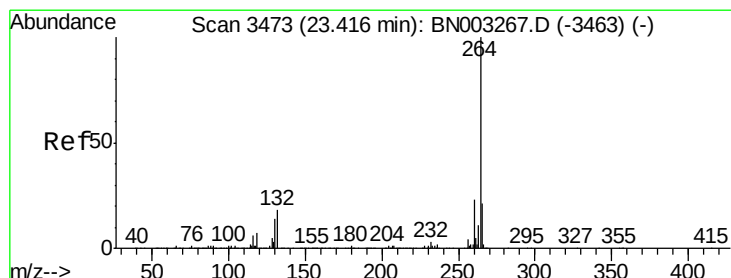
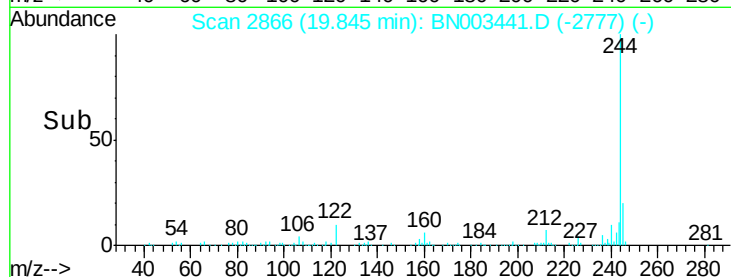
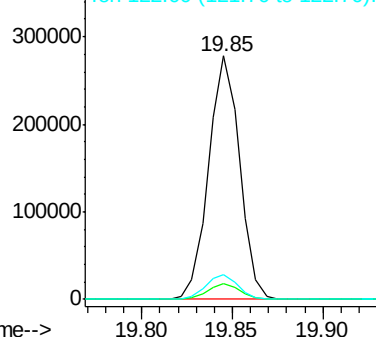
122 10.3 9.4 14.2



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: BN003441.D

Acq: 06 Nov 2018 20:54

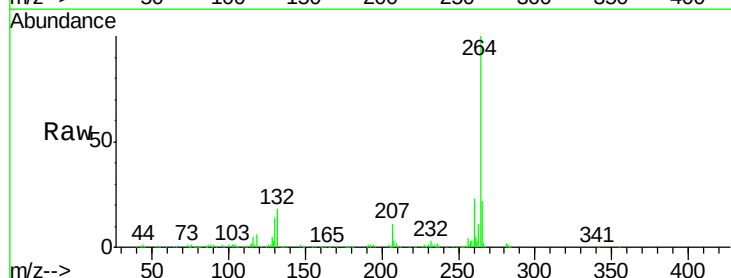
Tgt Ion:264 Resp: 494767

Ion Ratio Lower Upper

264 100

260 22.7 18.5 27.7

265 21.8 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

