

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110918\
 Data File : BN003494.D
 Acq On : 10 Nov 2018 04:09
 Operator : MJ/SJ
 Sample : J5881-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 110718-TIPC-F-U-B

Quant Time: Nov 12 04:35:05 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

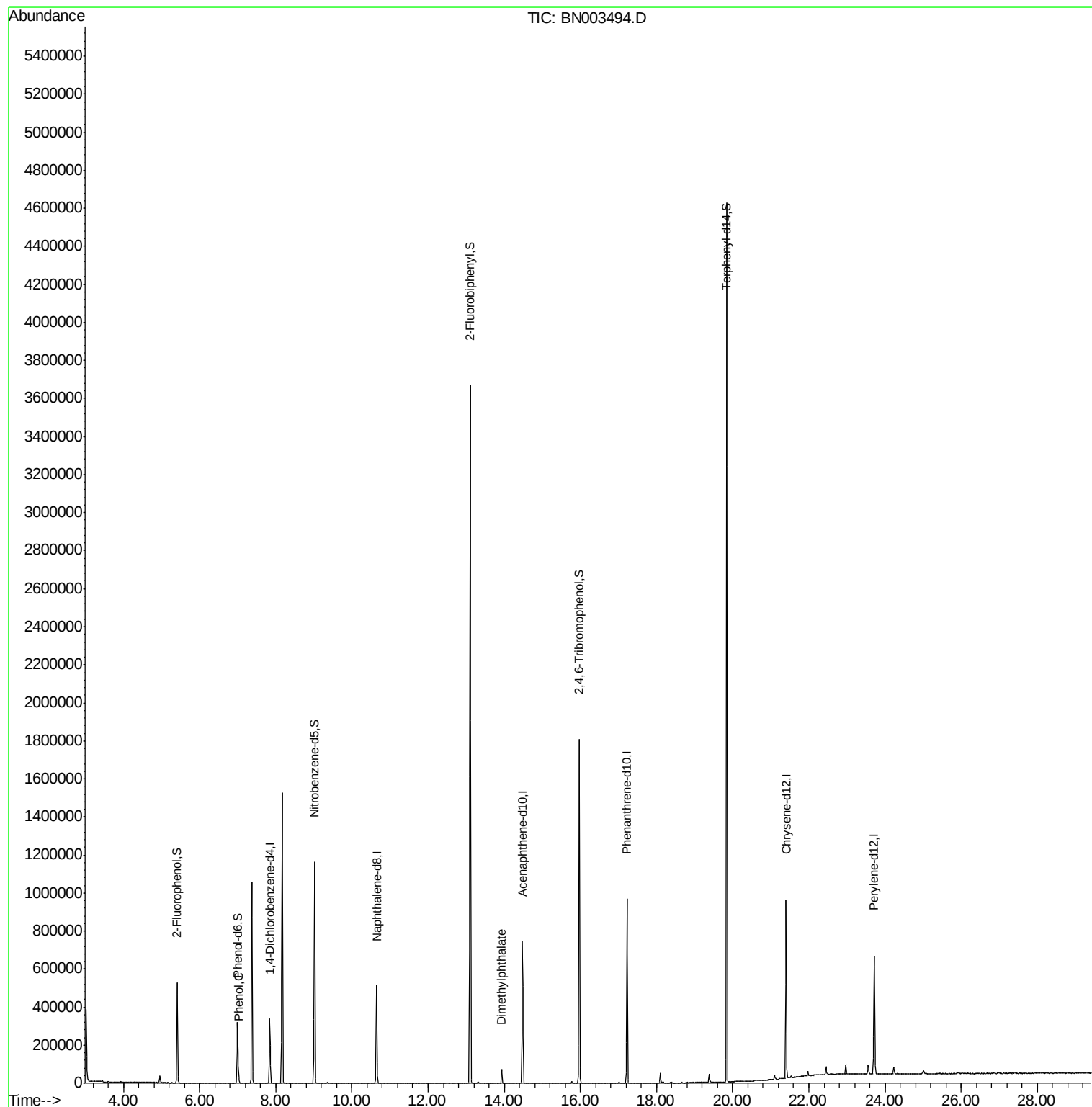
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	95166	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	426226	20.00	ng	0.00
39) Acenaphthene-d10	14.48	164	256167	20.00	ng	0.00
64) Phenanthrene-d10	17.23	188	558228	20.00	ng	0.00
76) Chrysene-d12	21.40	240	447532	20.00	ng	0.00
87) Perylene-d12	23.72	264	441728	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	232445	42.54	ng	0.00
7) Phenol-d6	7.00	99	184612	23.76	ng	-0.01
23) Nitrobenzene-d5	9.02	82	681420	91.69	ng	0.00
42) 2,4,6-Tribromophenol	15.97	330	366626	106.29	ng	-0.01
45) 2-Fluorobiphenyl	13.10	172	1918602	101.59	ng	0.00
79) Terphenyl-d14	19.85	244	2162082	103.32	ng	0.00
Target Compounds						
10) Phenol	7.02	94	25118	3.064	ng	98
50) Dimethylphthalate	13.93	163	46909	2.265	ng	99

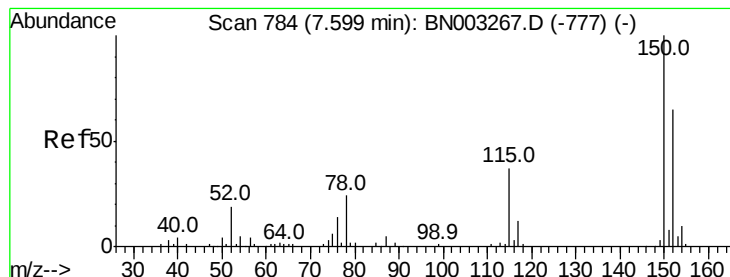
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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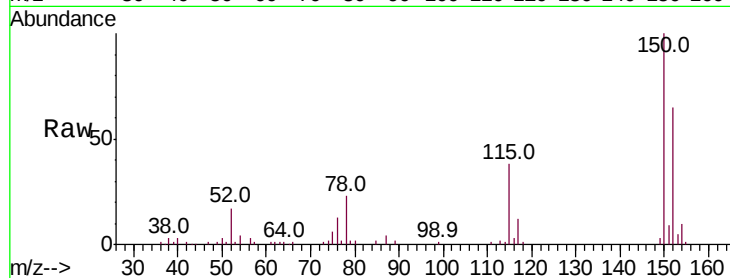


#1

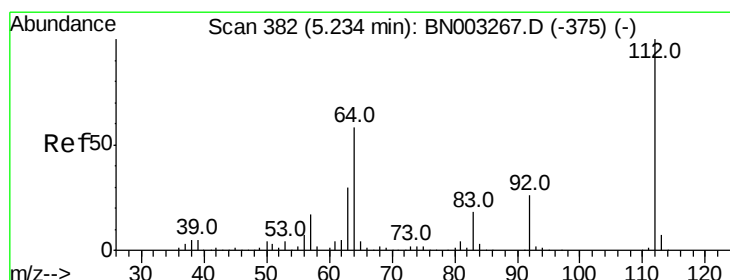
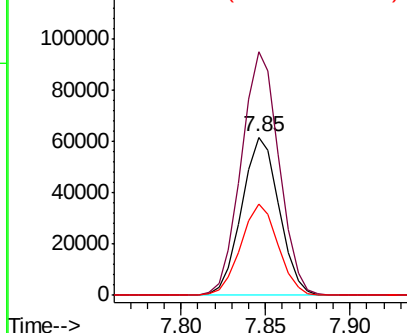
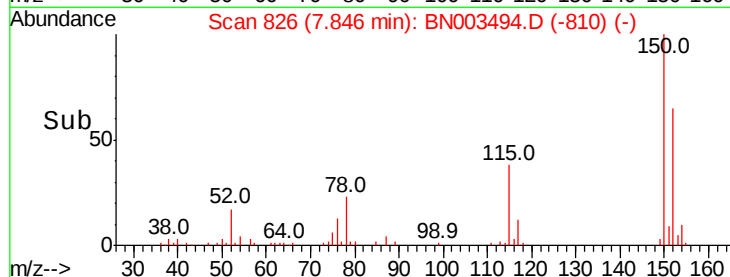
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.85 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BN003494.D
 Acq: 10 Nov 2018 04:09

Instrument :
 BNA_N
 ClientSampleId :
 110718-TIPC-F-U-B

Tot Ion:152 Resp: 95166
 Ion Ratio Lower Upper
 152 100
 150 153.9 123.8 185.8
 115 57.7 45.9 68.9



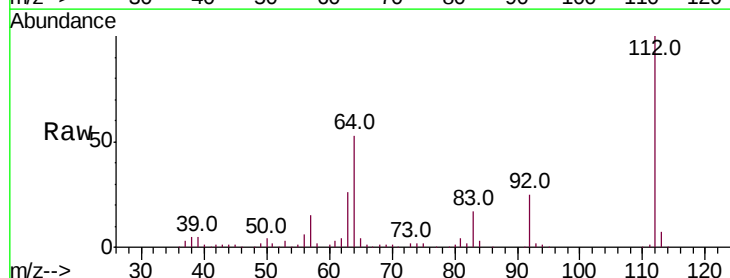
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



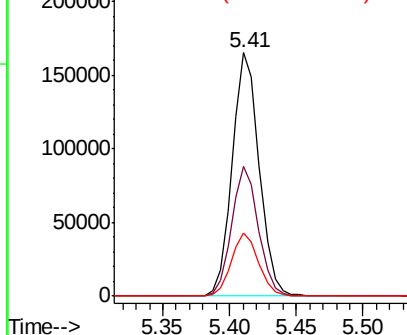
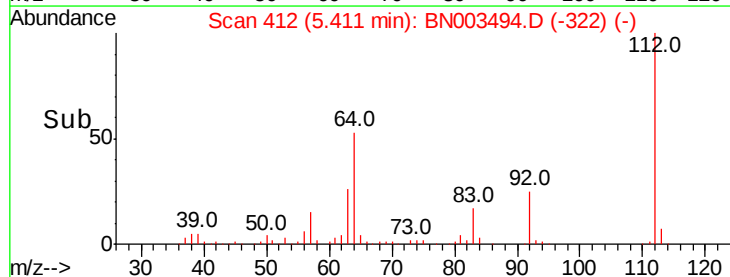
#5

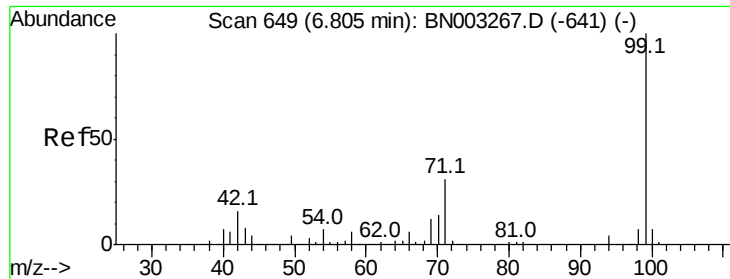
2-Fluorophenol
 Concen: 42.543 ng
 RT: 5.41 min Scan# 412
 Delta R.T. 0.00 min
 Lab File: BN003494.D
 Acq: 10 Nov 2018 04:09

Tgt Ion:112 Resp: 232445
 Ion Ratio Lower Upper
 112 100
 64 53.3 46.6 69.8
 63 26.1 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: 23.762 ng

RT: 7.00 min Scan# 682

Delta R.T. -0.01 min

Lab File: BN003494.D

Acq: 10 Nov 2018 04:09

Instrument :

BNA_N

ClientSampleId :

110718-TIPC-F-U-B

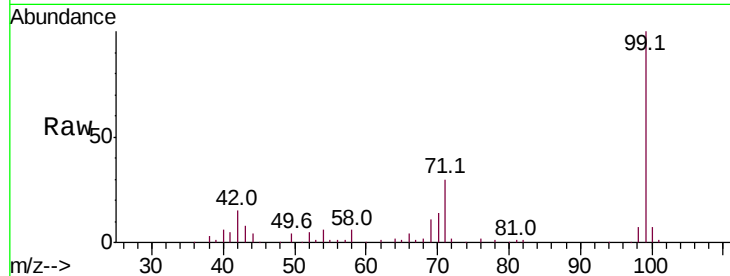
Tot Ion: 99 Resp: 184612

Ion Ratio Lower Upper

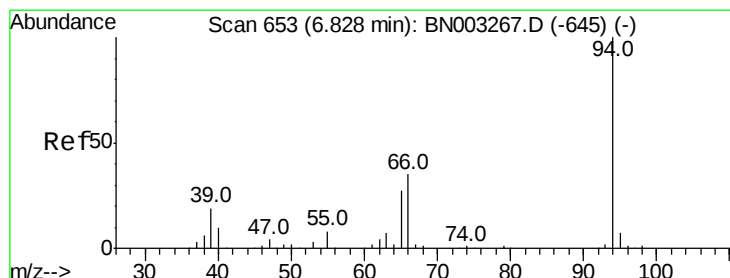
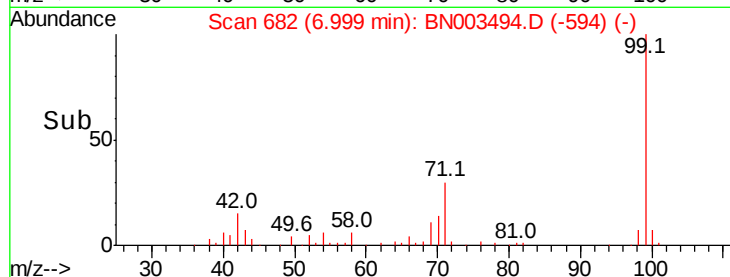
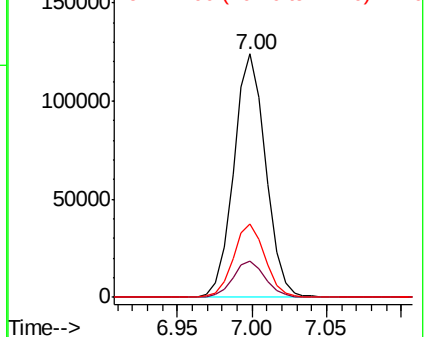
99 100

42 14.8 13.0 19.6

71 30.3 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 71.00 (70.70 to 71.70): BN0



#10

Phenol

Concen: 3.064 ng

RT: 7.02 min Scan# 686

Delta R.T. -0.01 min

Lab File: BN003494.D

Acq: 10 Nov 2018 04:09

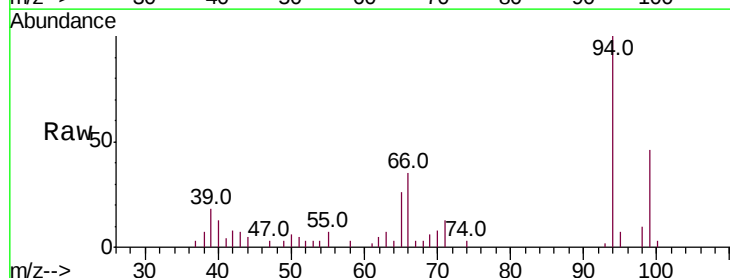
Tgt Ion: 94 Resp: 25118

Ion Ratio Lower Upper

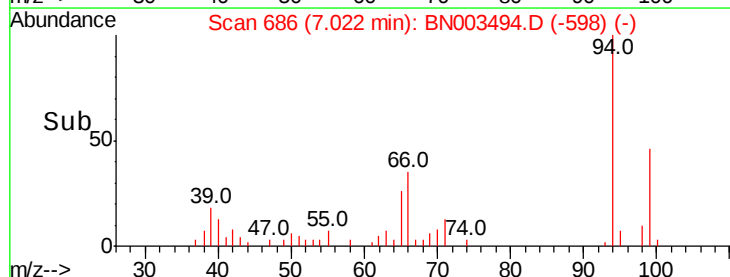
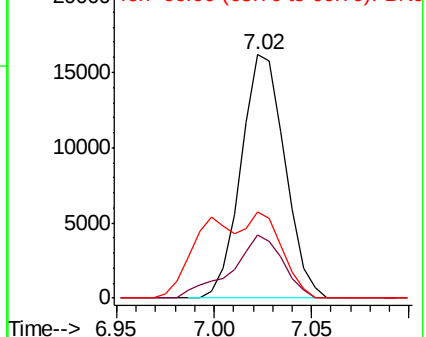
94 100

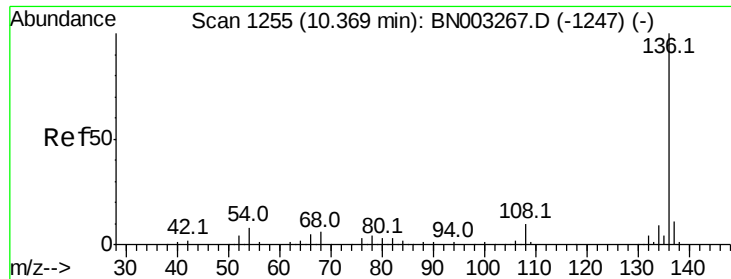
65 25.8 7.7 47.7

66 35.1 15.8 55.8



Abundance Ion 94.00 (93.70 to 94.70): BN0
Ion 65.00 (64.70 to 65.70): BN0
Ion 66.00 (65.70 to 66.70): BN0

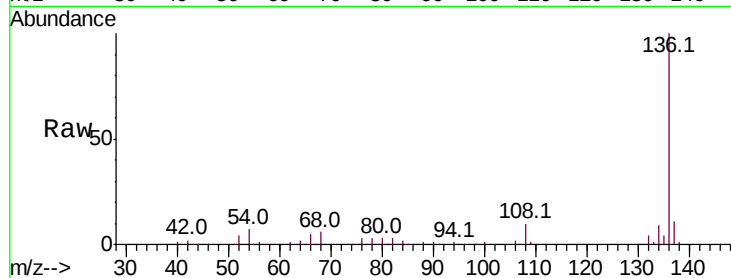




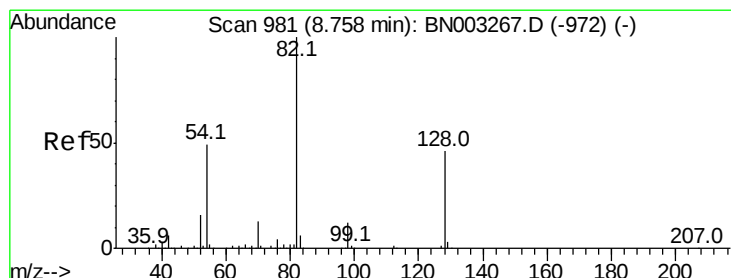
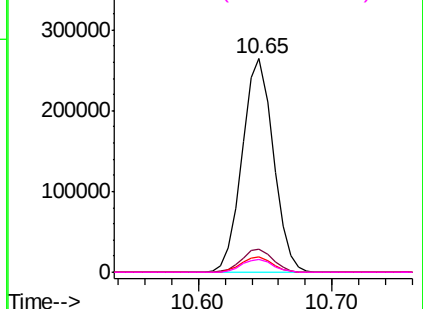
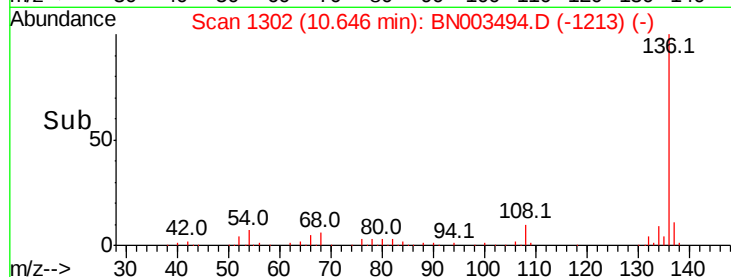
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.65 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BN003494.D
Acq: 10 Nov 2018 04:09

Instrument :
BNA_N
ClientSampleId :
110718-TIPC-F-U-B

Tot Ion:136	Resp:	426226
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.7	13.1
54 7.0	6.6	10.0
68 6.2	4.6	7.0

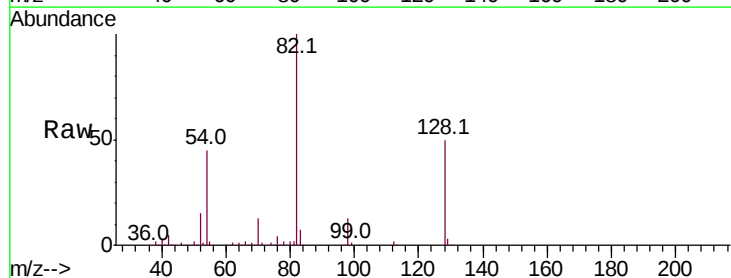


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

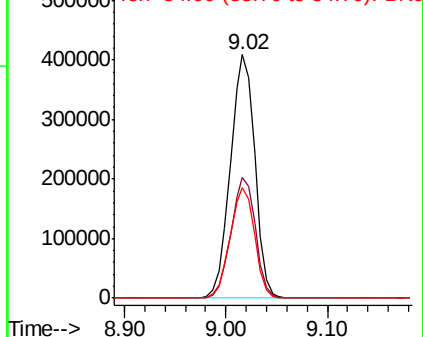
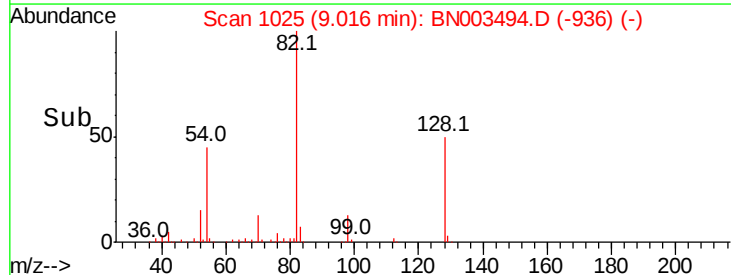


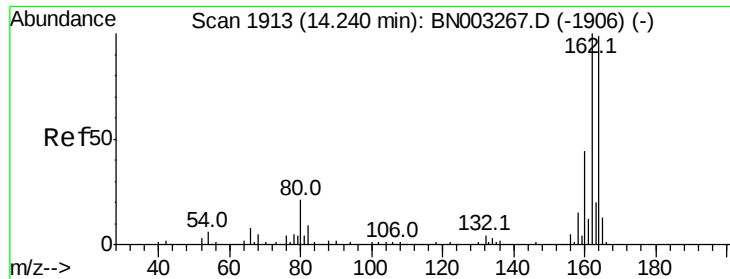
#23
Nitrobenzene-d5
Concen: 91.686 ng
RT: 9.02 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BN003494.D
Acq: 10 Nov 2018 04:09

Tgt Ion: 82	Resp: 681420
Ion Ratio	Lower Upper
82 100	
128 49.8	37.1 55.7
54 45.1	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: 14.48 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BN003494.D

Acq: 10 Nov 2018 04:09

Instrument :

BNA_N

ClientSampleId :

110718-TIPC-F-U-B

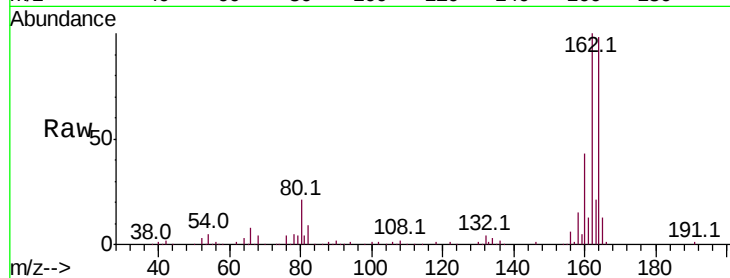
Tot Ion:164 Resp: 256167

Ion Ratio Lower Upper

164 100

162 102.0 80.8 121.2

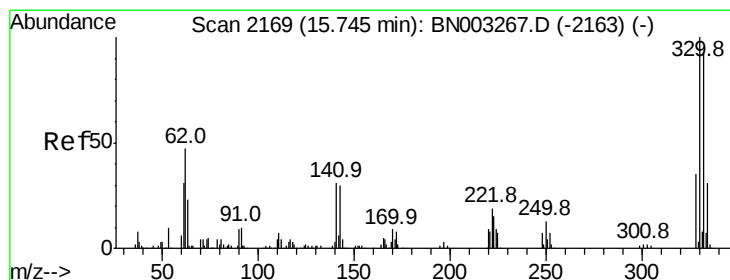
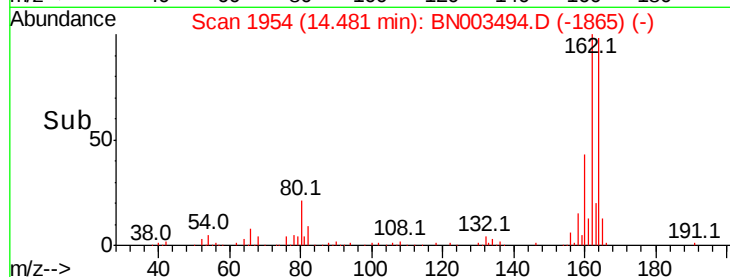
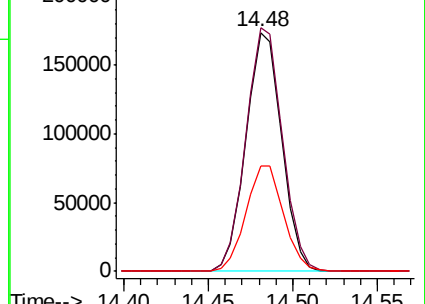
160 44.3 35.5 53.3



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: 106.288 ng

RT: 15.97 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BN003494.D

Acq: 10 Nov 2018 04:09

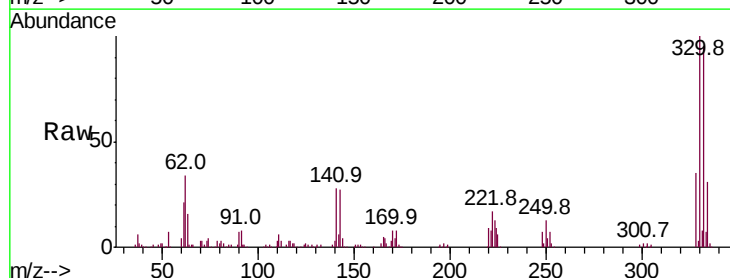
Tgt Ion:330 Resp: 366626

Ion Ratio Lower Upper

330 100

332 97.0 76.6 114.8

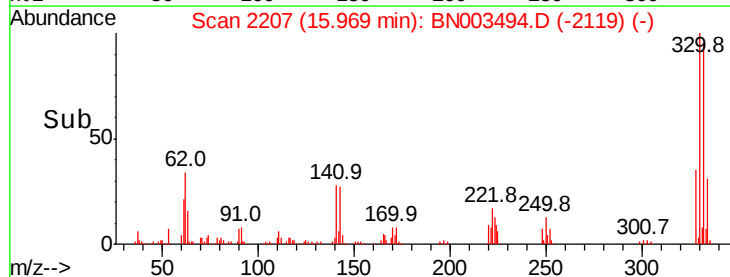
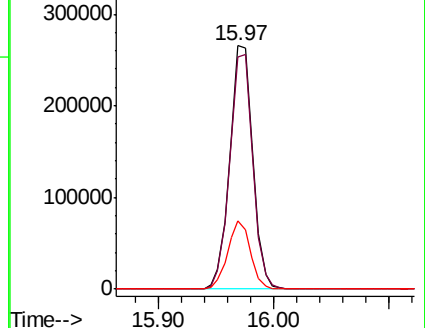
141 27.6 24.5 36.7

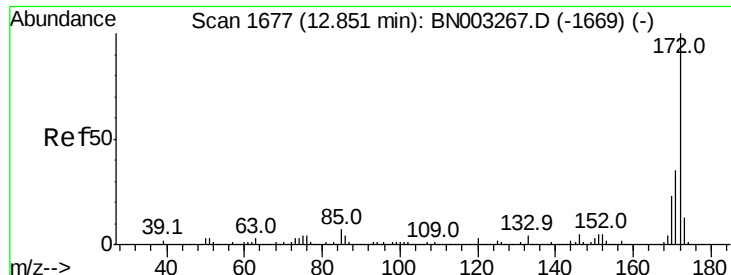


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



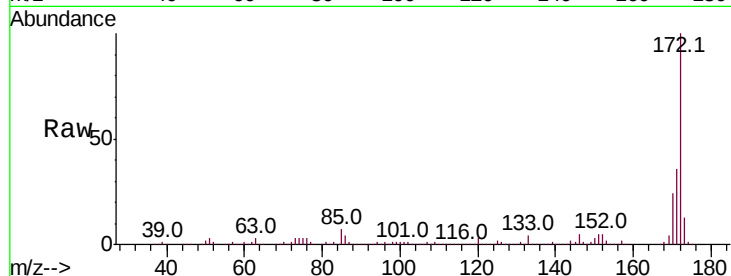


#45
2-Fluorobiphenyl
Concen: 101.592 ng
RT: 13.10 min Scan# 1720
Delta R.T. -0.01 min
Lab File: BN003494.D
Acq: 10 Nov 2018 04:09

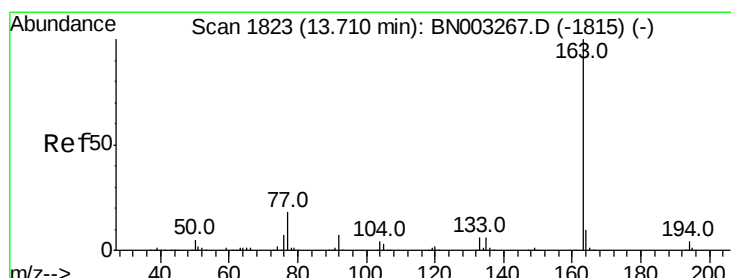
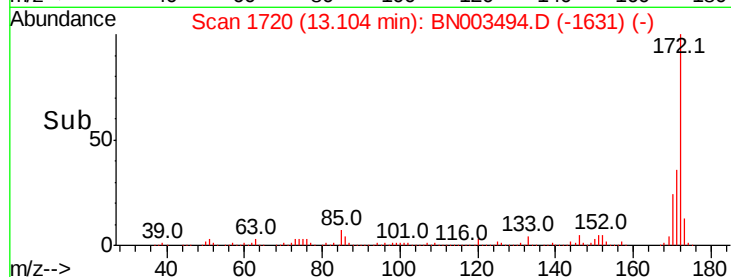
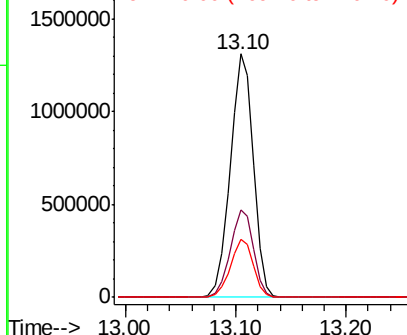
Instrument :
BNA_N
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110718-TIPC-F-U-B

Tot Ion:172 Resp: 1918602

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.2	42.4
170	23.6	18.4	27.6



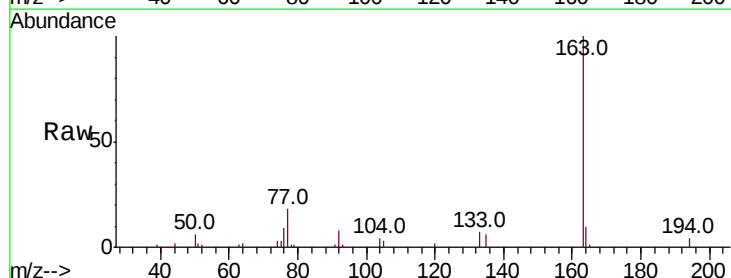
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



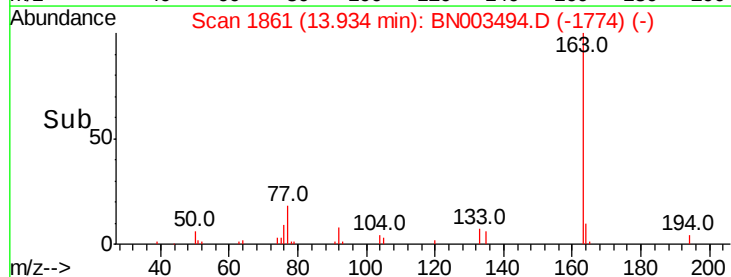
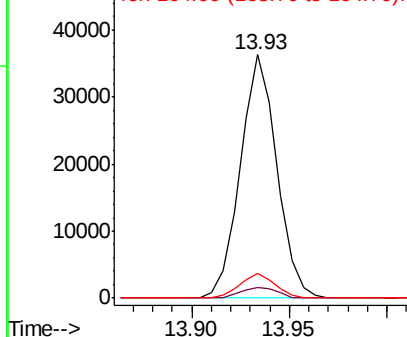
#50
Dimethylphthalate
Concen: 2.265 ng
RT: 13.93 min Scan# 1861
Delta R.T. -0.02 min
Lab File: BN003494.D
Acq: 10 Nov 2018 04:09

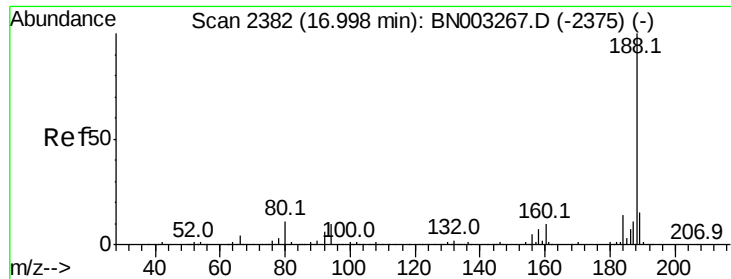
Tgt Ion:163 Resp: 46909

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.2	7.9	11.9



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

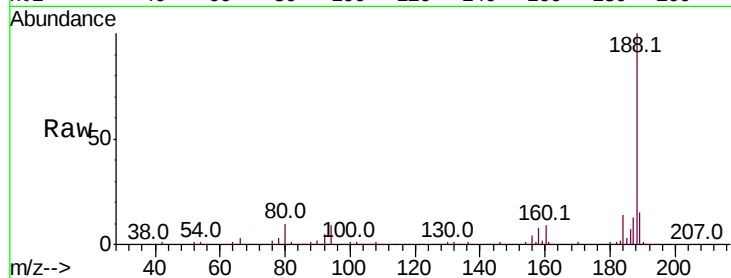




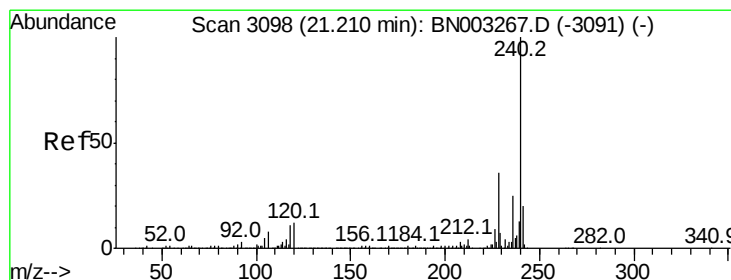
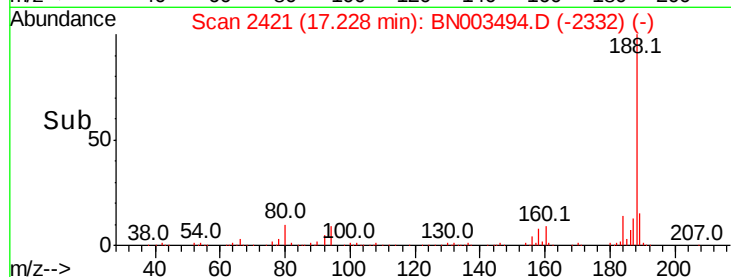
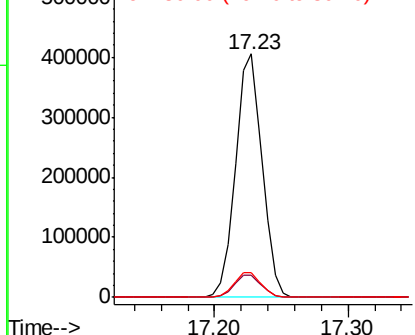
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.23 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BN003494.D
Acq: 10 Nov 2018 04:09

Instrument :
BNA_N
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110718-TIPC-F-U-B

Tot Ion:188 Resp: 558228
Ion Ratio Lower Upper
188 100
94 9.1 8.1 12.1
80 10.1 8.6 13.0

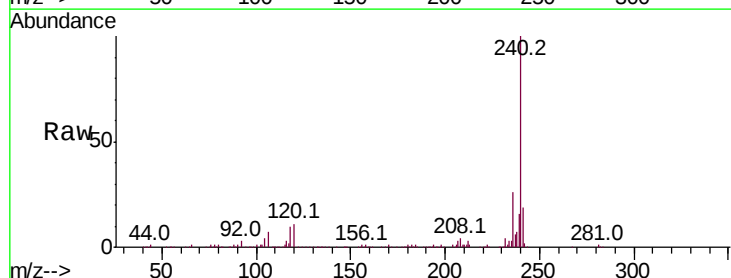


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BNC
Ion 80.00 (79.70 to 80.70): BNC

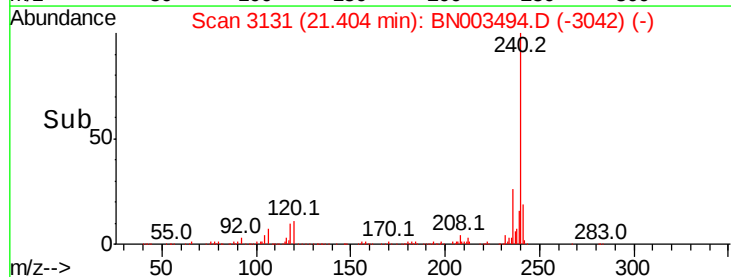
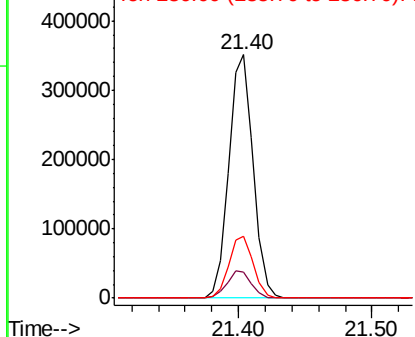


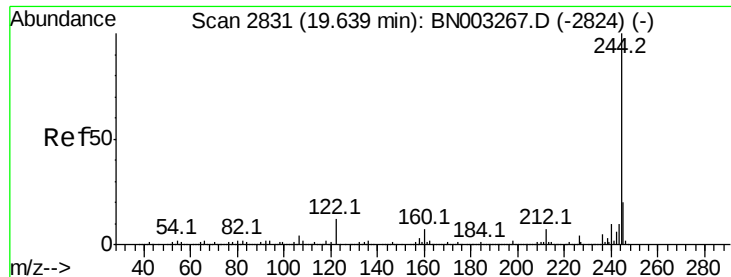
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.40 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BN003494.D
Acq: 10 Nov 2018 04:09

Tgt Ion:240 Resp: 447532
Ion Ratio Lower Upper
240 100
120 10.6 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: 103.316 ng

RT: 19.85 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BN003494.D

Acq: 10 Nov 2018 04:09

Instrument :

BNA_N

ClientSampleId :

110718-TIPC-F-U-B

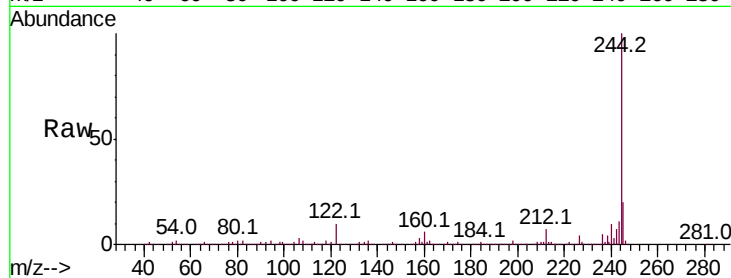
Tot Ion:244 Resp: 2162082

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

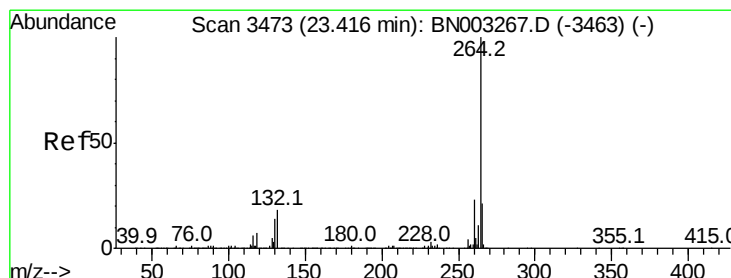
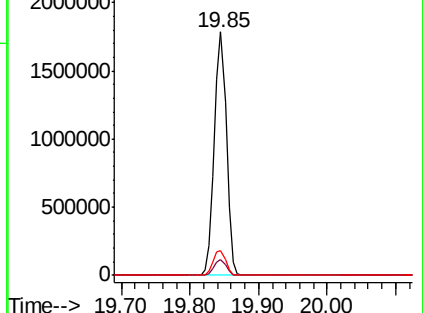
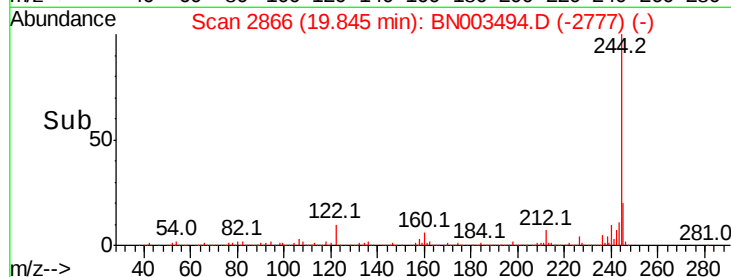
122 10.4 9.4 14.2



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# 3524

Delta R.T. -0.01 min

Lab File: BN003494.D

Acq: 10 Nov 2018 04:09

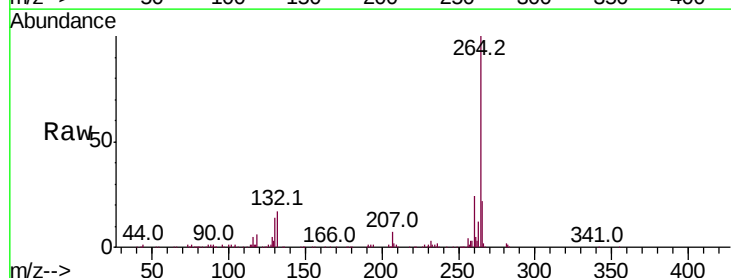
Tgt Ion:264 Resp: 441728

Ion Ratio Lower Upper

264 100

260 24.0 18.5 27.7

265 22.5 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

