

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110918\
 Data File : BN003474.D
 Acq On : 09 Nov 2018 16:25
 Operator : MJ/SJ
 Sample : J5860-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EP2-SB-102(13-15)

Quant Time: Nov 12 03:41:45 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

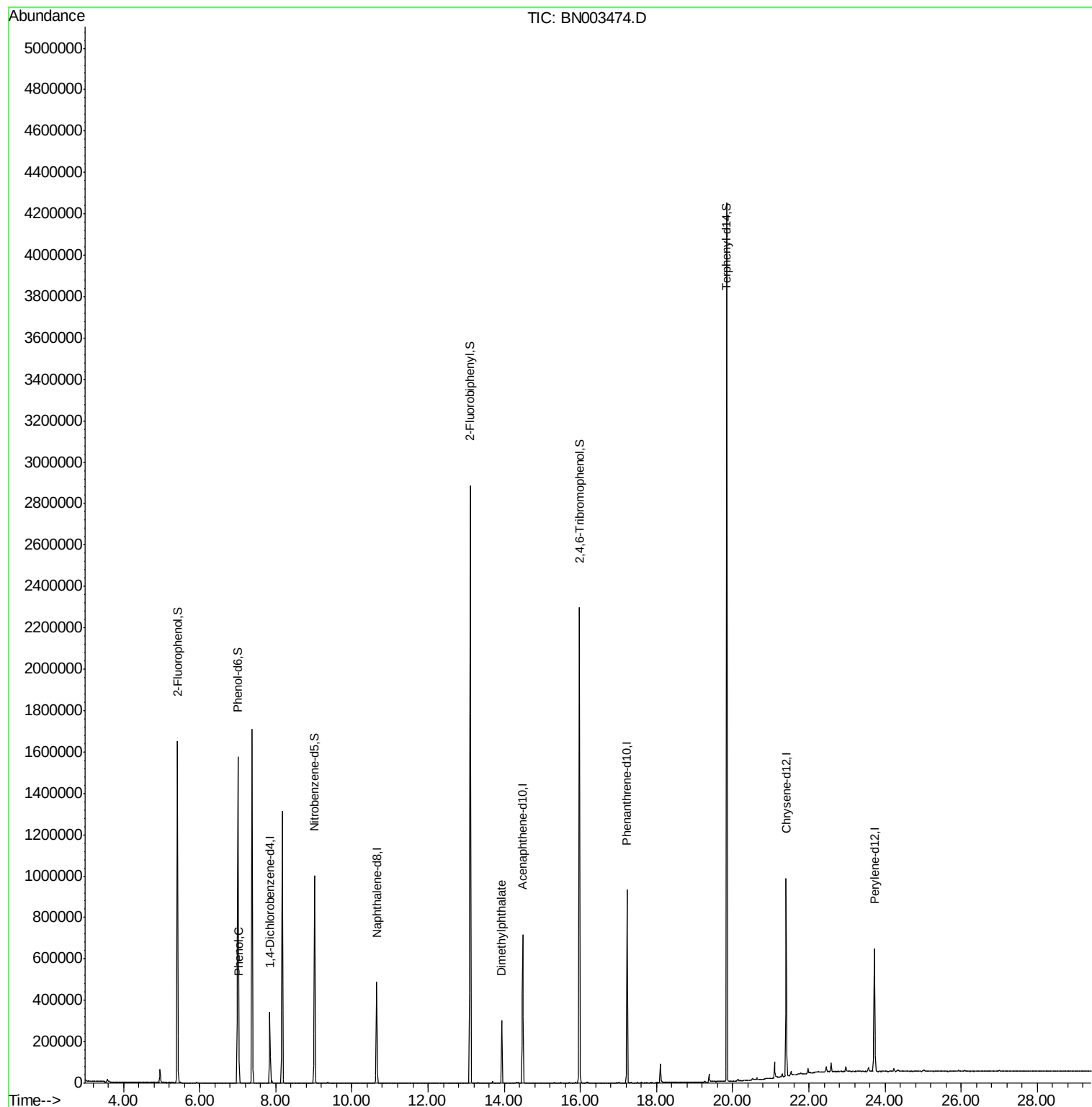
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	98766	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	418791	20.00	ng	0.00
39) Acenaphthene-d10	14.49	164	245193	20.00	ng	0.00
64) Phenanthrene-d10	17.23	188	532138	20.00	ng	0.00
76) Chrysene-d12	21.40	240	436980	20.00	ng	0.00
87) Perylene-d12	23.72	264	430974	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	733963	129.43	ng	0.00
7) Phenol-d6	7.01	99	989851	122.76	ng	0.00
23) Nitrobenzene-d5	9.02	82	568049	77.79	ng	0.00
42) 2,4,6-Tribromophenol	15.97	330	480407	145.51	ng	0.00
45) 2-Fluorobiphenyl	13.10	172	1546855	85.57	ng	0.00
79) Terphenyl-d14	19.84	244	2045629	100.11	ng	0.00
Target Compounds						
10) Phenol	7.03	94	71694	8.426	ng	96
50) Dimethylphthalate	13.93	163	197050	9.939	ng	100

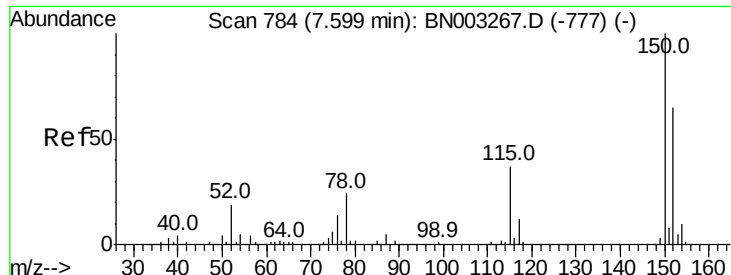
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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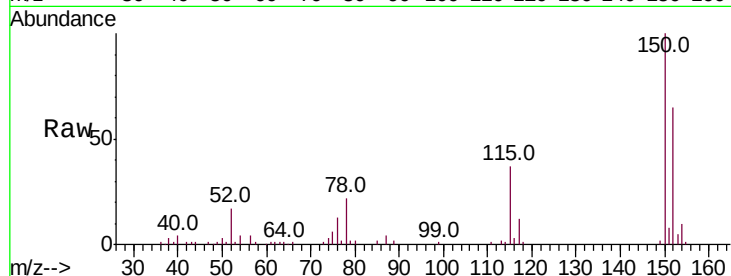


#1

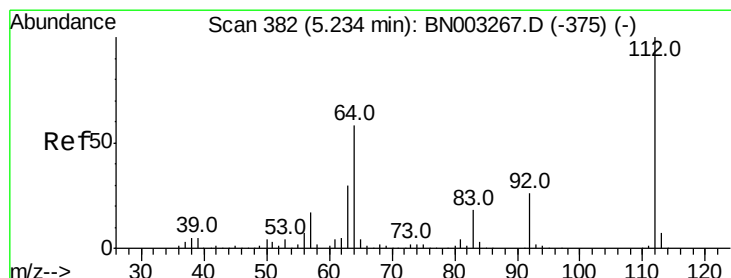
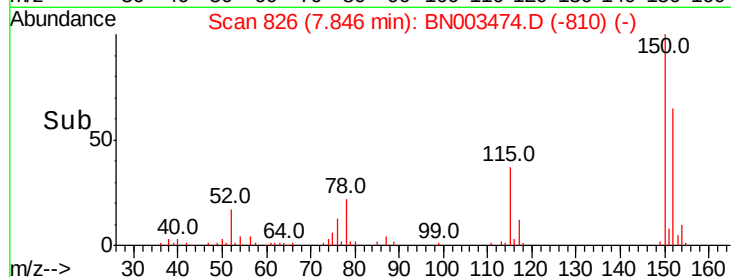
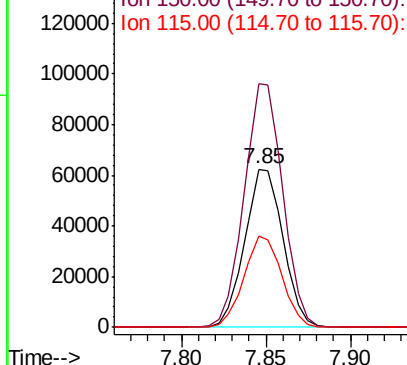
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 826
Delta R.T. -0.01 min
Lab File: BN003474.D
Acq: 09 Nov 2018 16:25

Instrument :
BNA_N
ClientSampleId :
EP2-SB-102(13-15)

Tot Ion:152 Resp: 98766
Ion Ratio Lower Upper
152 100
150 154.1 123.8 185.8
115 57.6 45.9 68.9



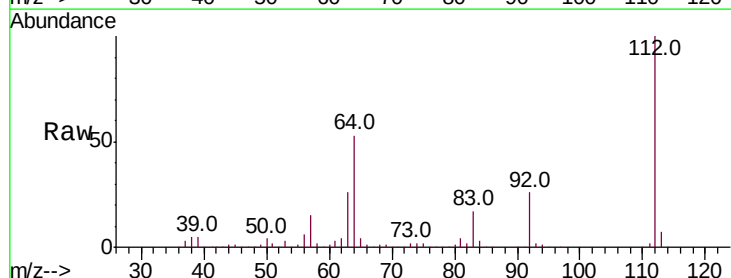
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



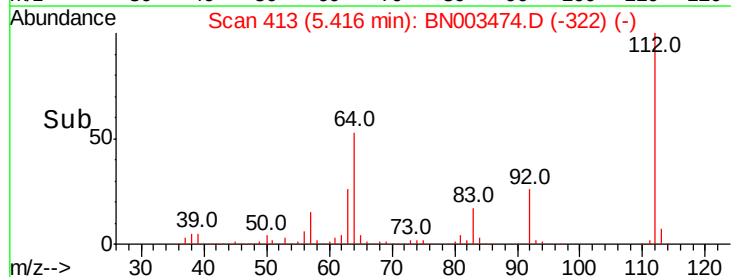
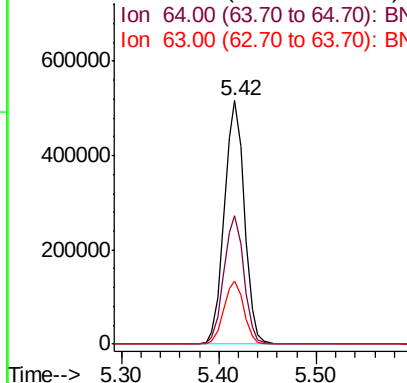
#5

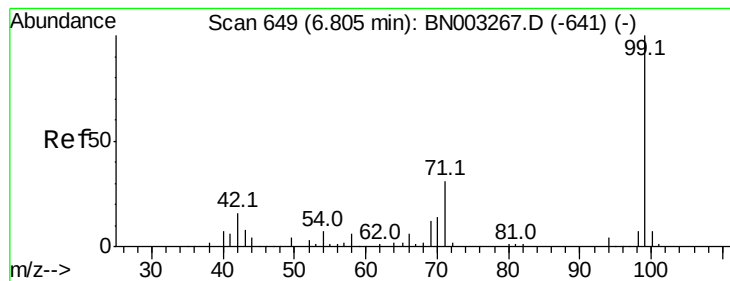
2-Fluorophenol
Concen: 129.435 ng
RT: 5.42 min Scan# 413
Delta R.T. 0.01 min
Lab File: BN003474.D
Acq: 09 Nov 2018 16:25

Tgt Ion:112 Resp: 733963
Ion Ratio Lower Upper
112 100
64 52.7 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: 122.762 ng

RT: 7.01 min Scan# 684

Delta R.T. -0.00 min

Lab File: BN003474.D

Acq: 09 Nov 2018 16:25

Instrument :

BNA_N

ClientSampleId :

EP2-SB-102(13-15)

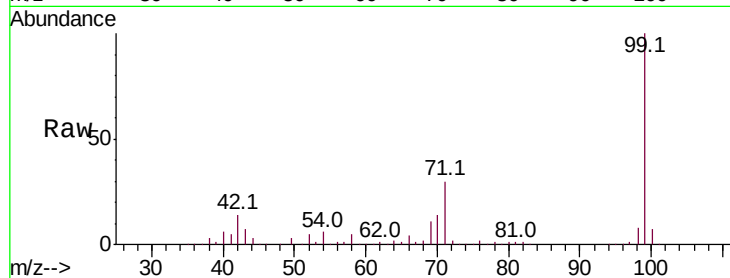
Tot Ion: 99 Resp: 989851

Ion Ratio Lower Upper

99 100

42 14.3 13.0 19.6

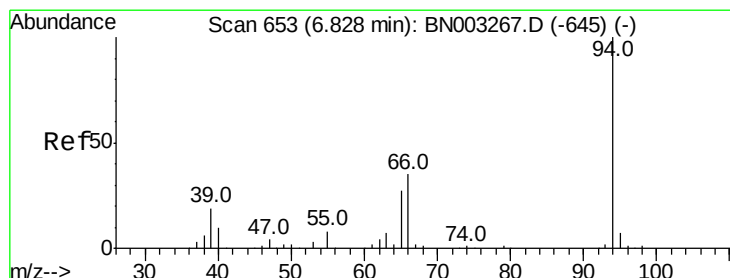
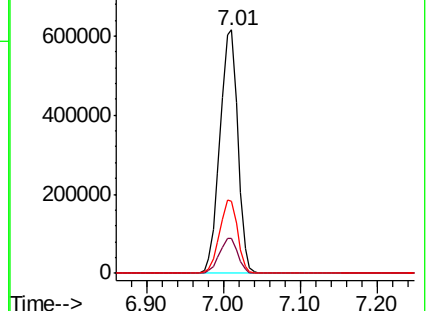
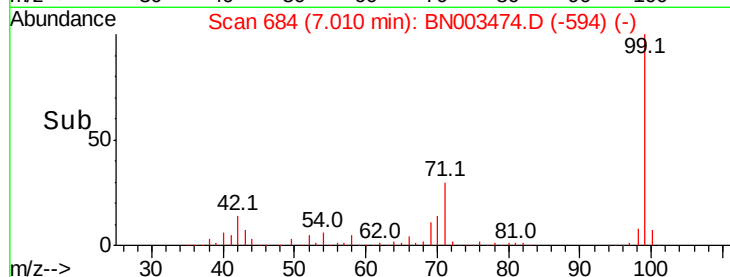
71 29.6 24.5 36.7



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) (-)



#10

Phenol

Concen: 8.426 ng

RT: 7.03 min Scan# 688

Delta R.T. -0.00 min

Lab File: BN003474.D

Acq: 09 Nov 2018 16:25

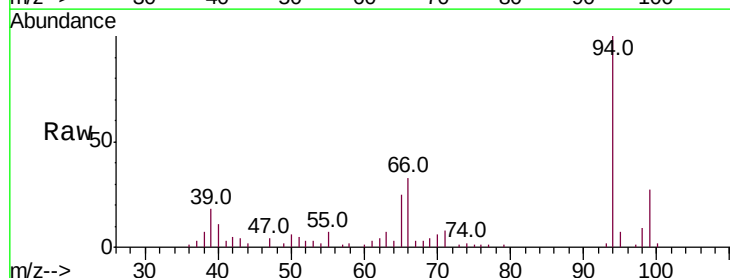
Tgt Ion: 94 Resp: 71694

Ion Ratio Lower Upper

94 100

65 25.3 7.7 47.7

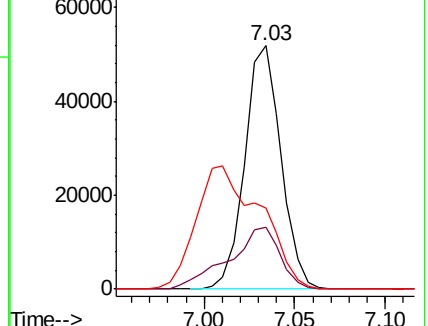
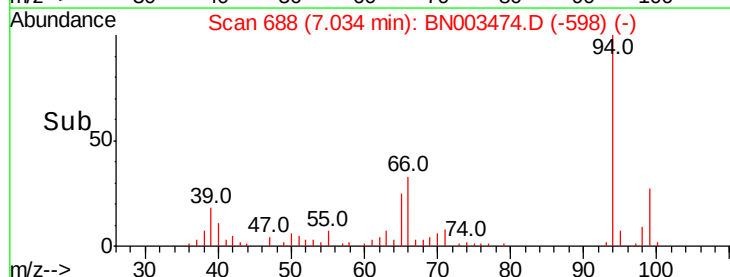
66 33.4 15.8 55.8

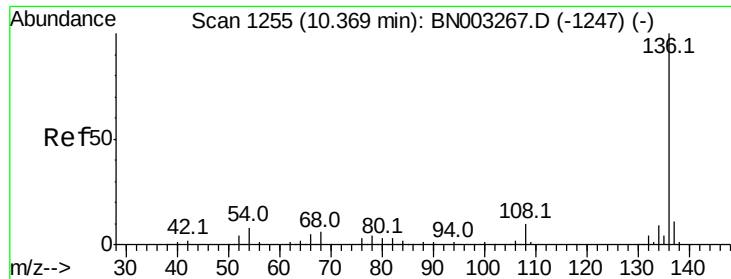


Abundance Ion 94.00 (93.70 to 94.70): BN003267.D (-645) (-)

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

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

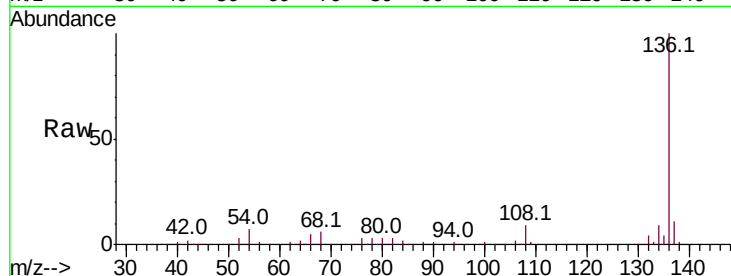




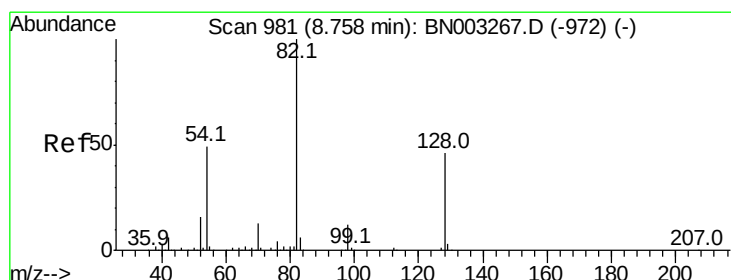
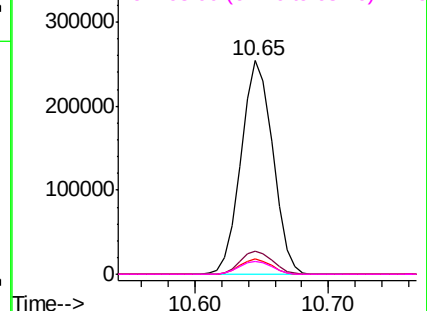
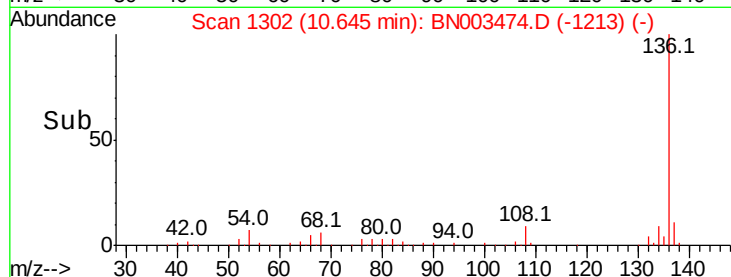
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.65 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BN003474.D
Acq: 09 Nov 2018 16:25

Instrument :
BNA_N
ClientSampleId :
EP2-SB-102(13-15)

Tot Ion:	136	Resp:	418791
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.1	6.6	10.0
68	6.1	4.6	7.0

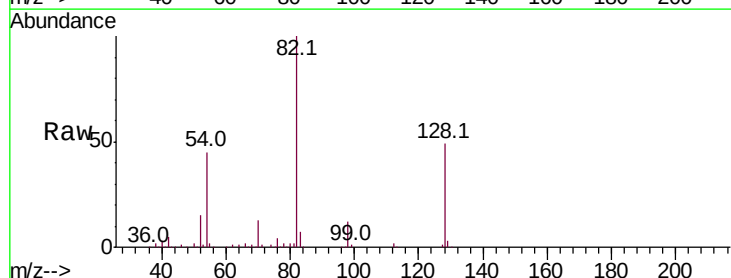


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

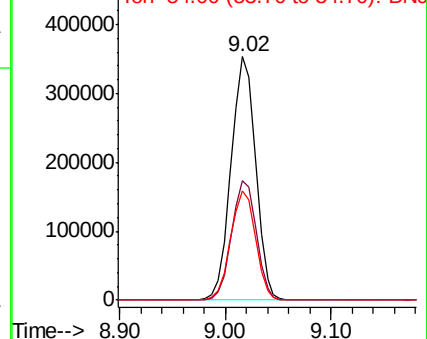
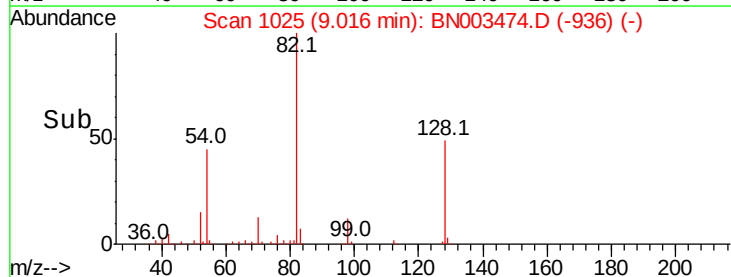


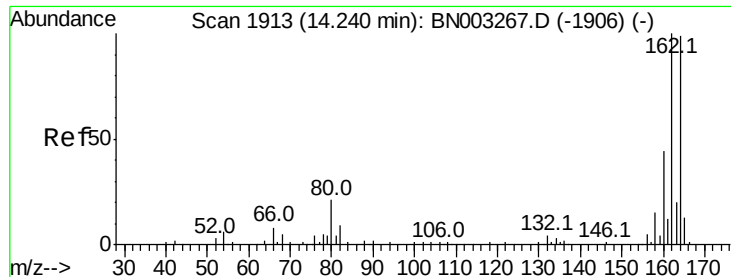
#23
Nitrobenzene-d5
Concen: 77.789 ng
RT: 9.02 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BN003474.D
Acq: 09 Nov 2018 16:25

Tgt Ion:	82	Resp:	568049
Ion	Ratio	Lower	Upper
82	100		
128	48.9	37.1	55.7
54	45.0	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: BN003474.D

Acq: 09 Nov 2018 16:25

Instrument :

BNA_N

ClientSampleId :

EP2-SB-102(13-15)

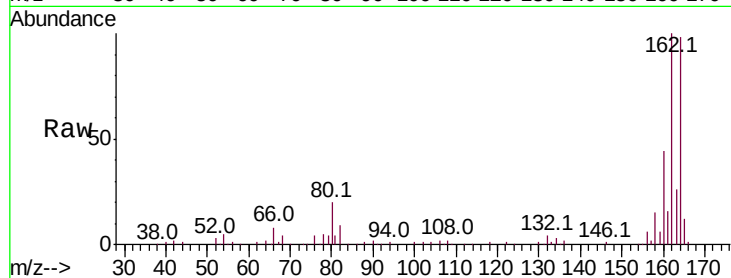
Tot Ion:164 Resp: 245193

Ion Ratio Lower Upper

164 100

162 101.6 80.8 121.2

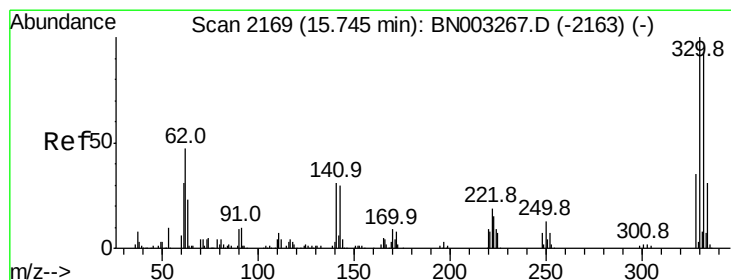
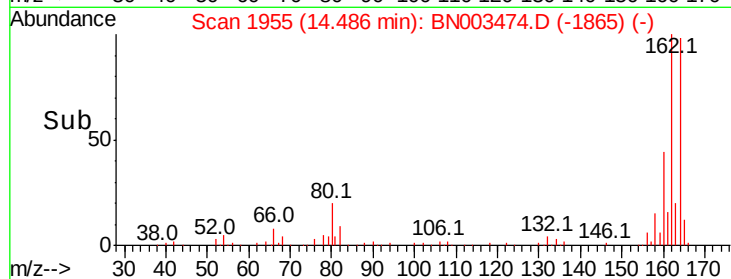
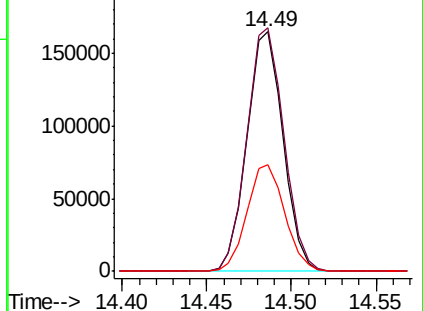
160 44.3 35.5 53.3



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: 145.507 ng

RT: 15.97 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BN003474.D

Acq: 09 Nov 2018 16:25

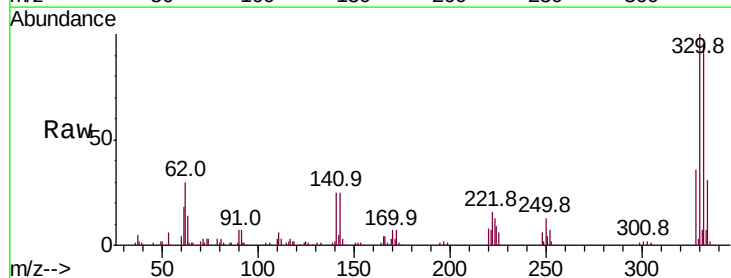
Tgt Ion:330 Resp: 480407

Ion Ratio Lower Upper

330 100

332 95.7 76.6 114.8

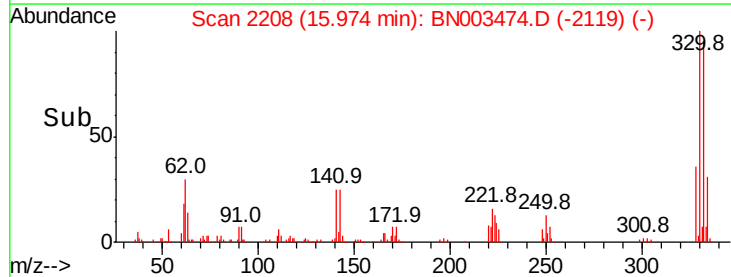
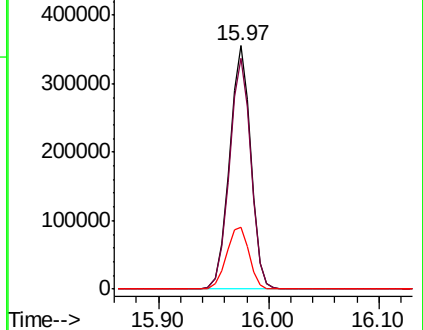
141 27.1 24.5 36.7

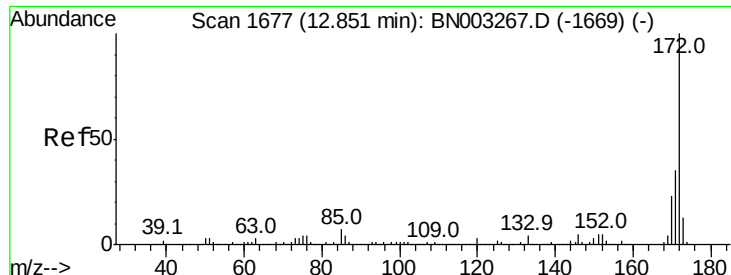


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

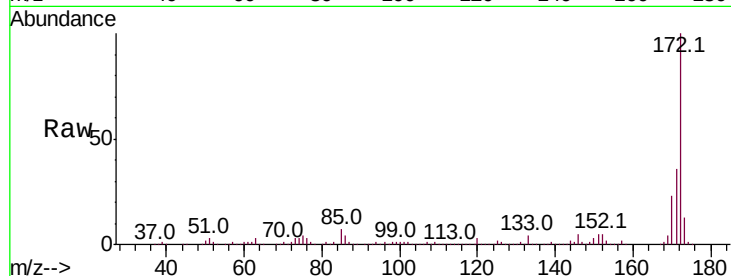




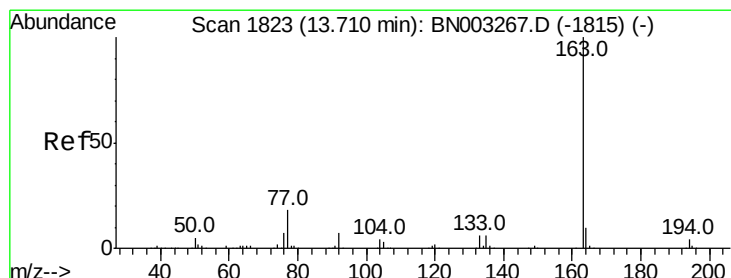
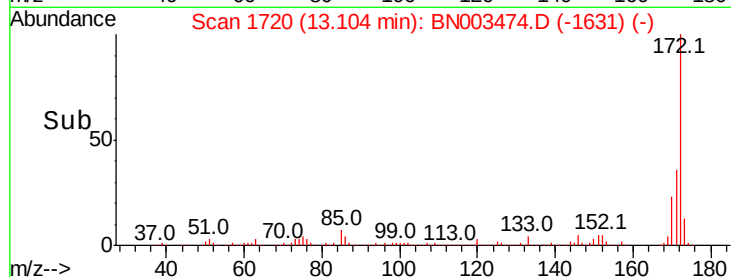
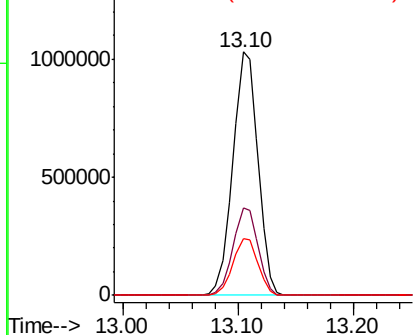
#45
2-Fluorobiphenyl
Concen: 85.573 ng
RT: 13.10 min Scan# 1720
Delta R.T. -0.01 min
Lab File: BN003474.D
Acq: 09 Nov 2018 16:25

Instrument :
BNA_N
ClientSampleId :
EP2-SB-102(13-15)

Tot Ion:172 Resp: 1546855
Ion Ratio Lower Upper
172 100
171 35.9 28.2 42.4
170 23.4 18.4 27.6

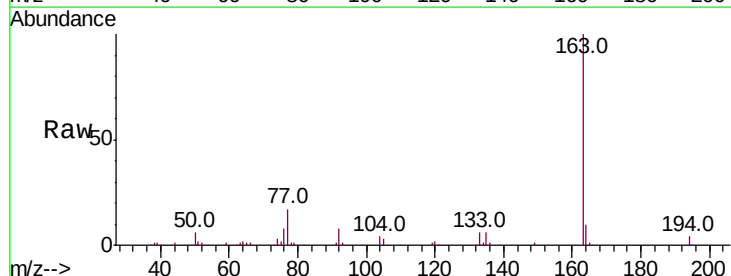


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

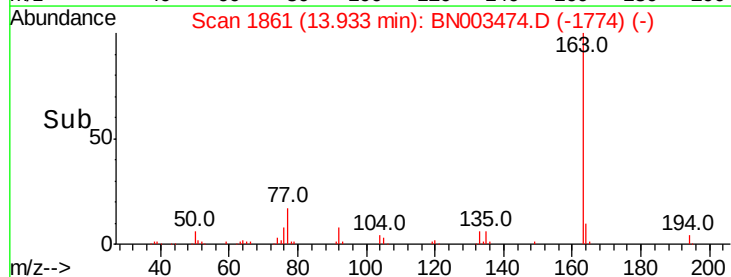
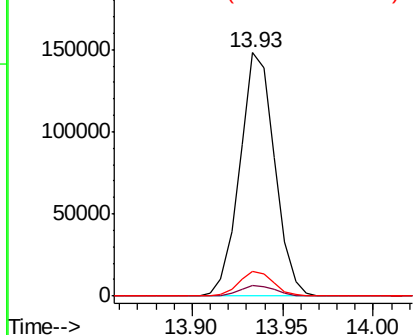


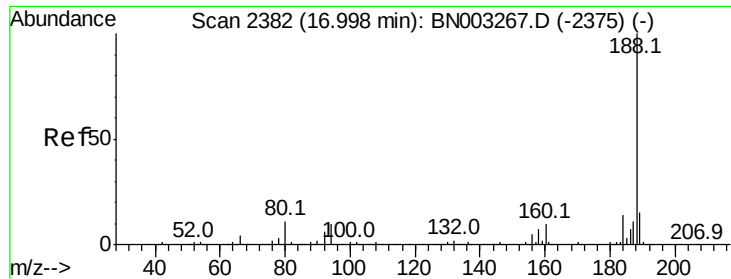
#50
Dimethylphthalate
Concen: 9.939 ng
RT: 13.93 min Scan# 1861
Delta R.T. -0.02 min
Lab File: BN003474.D
Acq: 09 Nov 2018 16:25

Tgt Ion:163 Resp: 197050
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.1 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

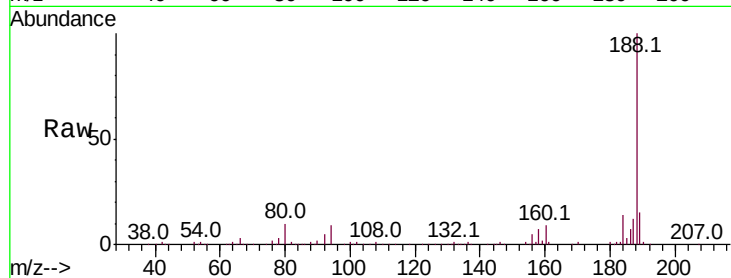




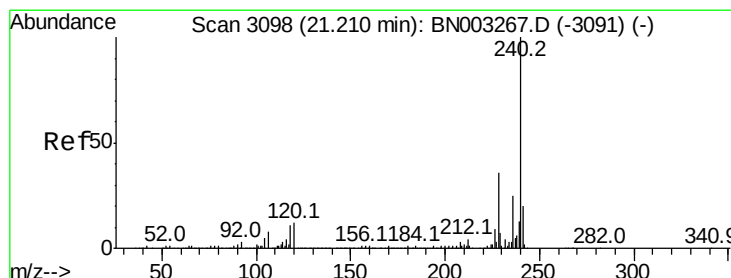
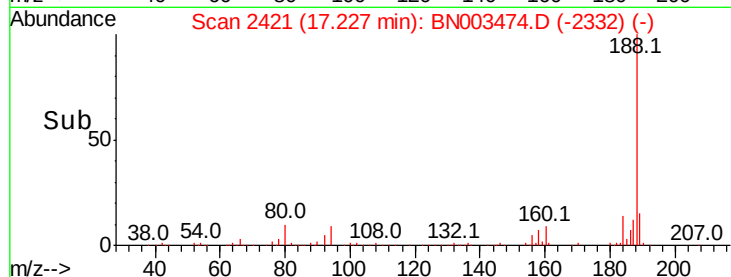
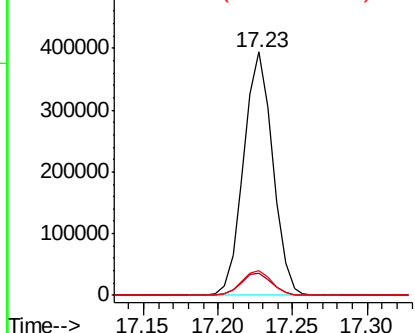
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.23 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BN003474.D
Acq: 09 Nov 2018 16:25

Instrument :
BNA_N
ClientSampleId :
EP2-SB-102(13-15)

Tot Ion:188 Resp: 532138
Ion Ratio Lower Upper
188 100
94 9.3 8.1 12.1
80 10.0 8.6 13.0

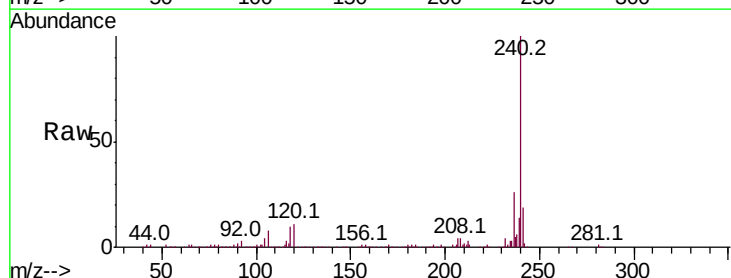


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BNC
Ion 80.00 (79.70 to 80.70): BNC

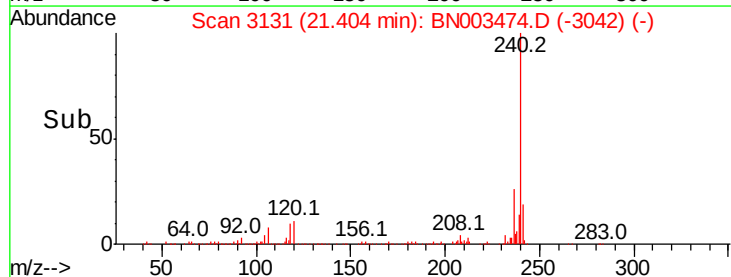
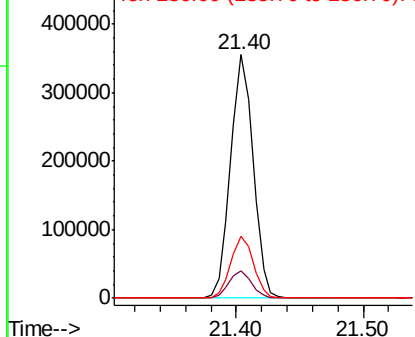


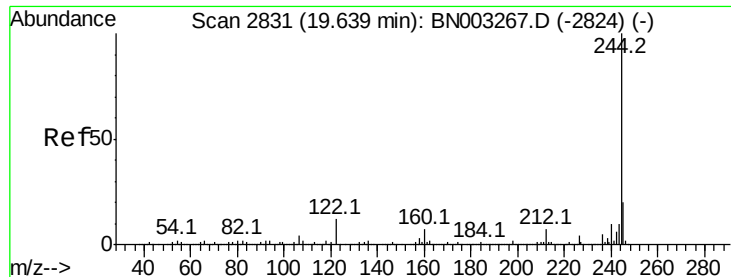
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.40 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BN003474.D
Acq: 09 Nov 2018 16:25

Tgt Ion:240 Resp: 436980
Ion Ratio Lower Upper
240 100
120 11.3 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: 100.112 ng

RT: 19.84 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BN003474.D

Acq: 09 Nov 2018 16:25

Instrument :

BNA_N

ClientSampleId :

EP2-SB-102(13-15)

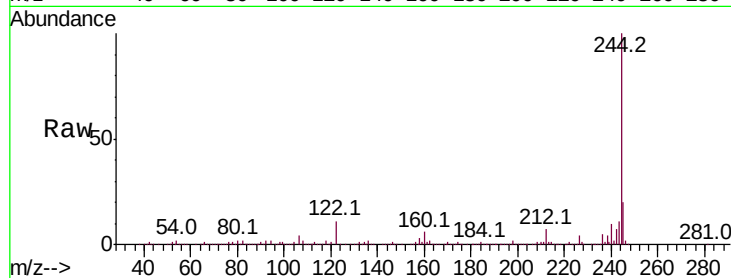
Tot Ion:244 Resp: 2045629

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

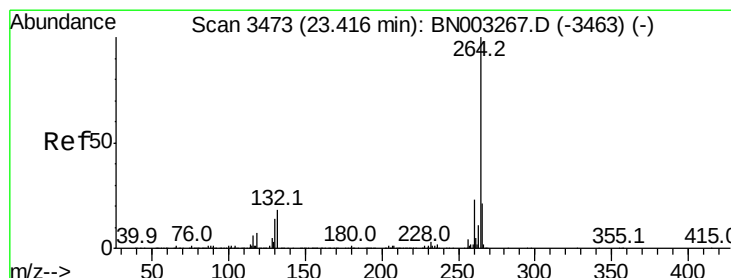
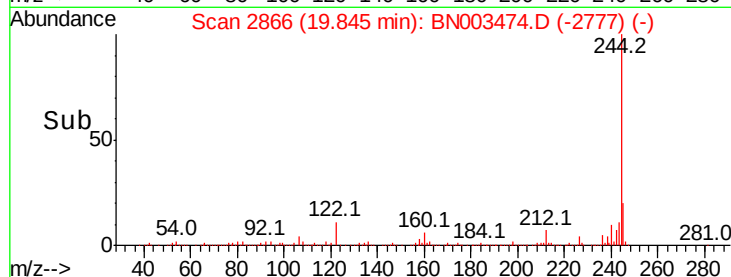
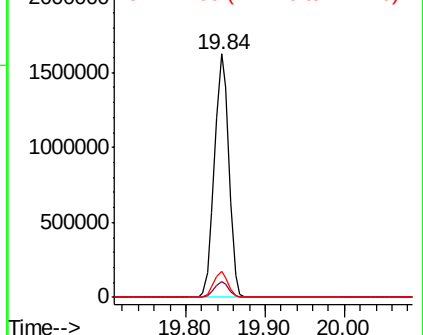
122 10.8 9.4 14.2



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: BN003474.D

Acq: 09 Nov 2018 16:25

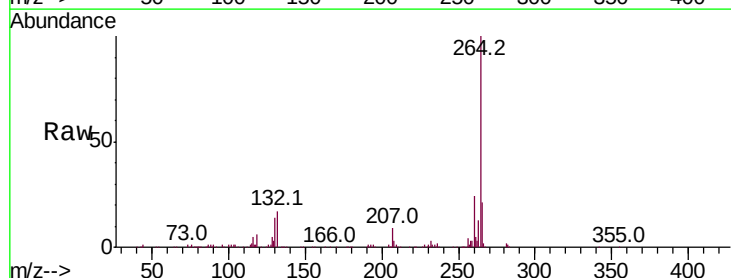
Tgt Ion:264 Resp: 430974

Ion Ratio Lower Upper

264 100

260 23.8 18.5 27.7

265 21.0 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

