

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
 Data File : BN006641.D
 Acq On : 29 Jun 2019 07:57
 Operator : HP/JU
 Sample : PB120801BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB120801BL

Quant Time: Jul 01 08:15:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 13:47:56 2019
 Response via : Initial Calibration

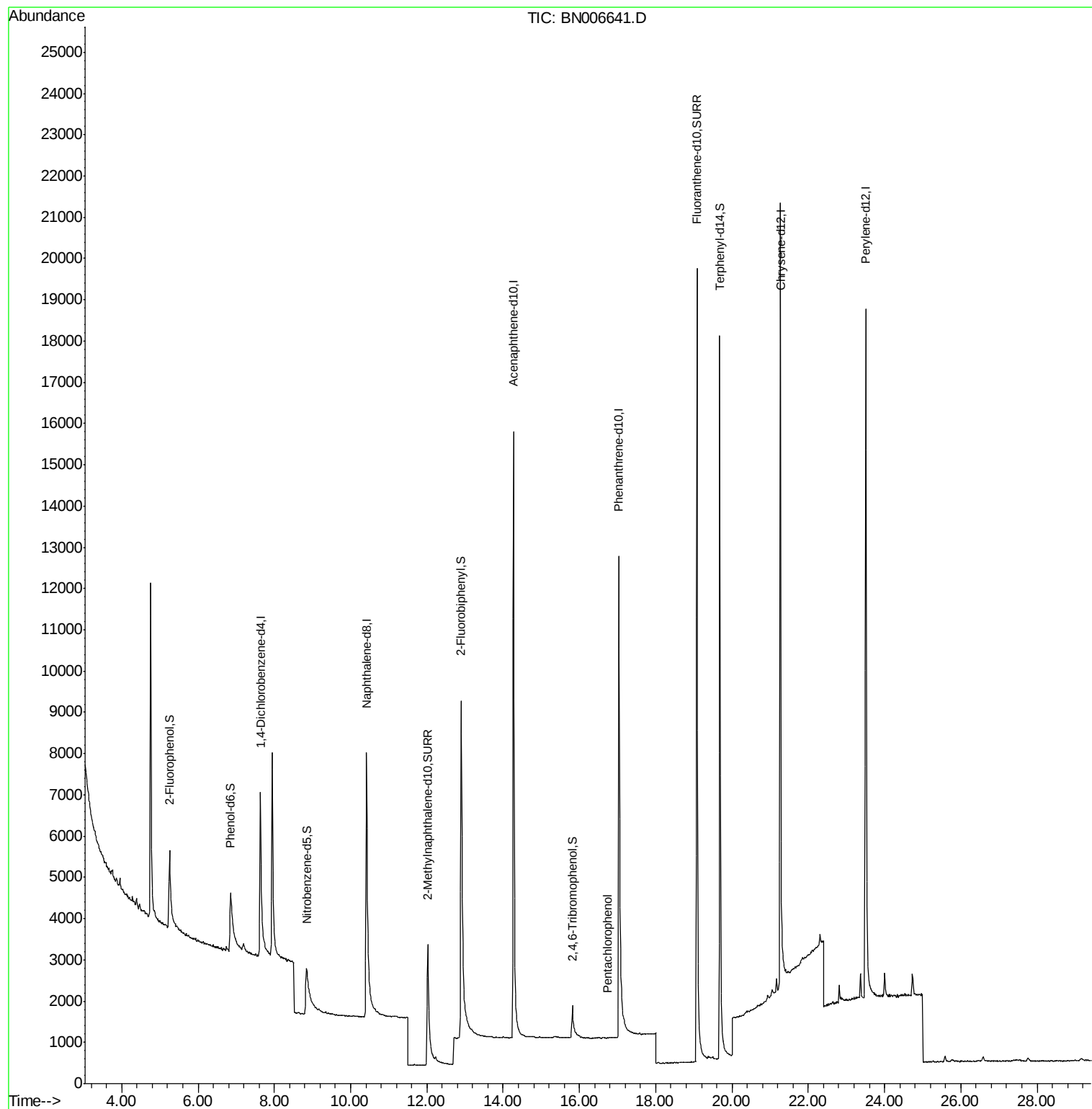
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	4079	0.40	ng	0.00
7) Naphthalene-d8	10.42	136	16119	0.40	ng	0.01
13) Acenaphthene-d10	14.28	164	11218	0.40	ng	0.00
19) Phenanthrene-d10	17.04	188	26562	0.40	ng	0.00
27) Chrysene-d12	21.27	240	25267	0.40	ng	0.00
34) Perylene-d12	23.51	264	25211	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	3664	0.37	ng	0.00
5) Phenol-d6	6.85	99	4337	0.33	ng	0.02
8) Nitrobenzene-d5	8.84	82	3048	0.28	ng	0.05
11) 2-Methylnaphthalene-d10	12.02	152	9326	0.37	ng	0.02
14) 2,4,6-Tribromophenol	15.81	330	1384	0.26	ng	0.02
15) 2-Fluorobiphenyl	12.89	172	15102	0.36	ng	0.00
25) Fluoranthene-d10	19.08	212	28807	0.37	ng	0.00
29) Terphenyl-d14	19.68	244	22931	0.43	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.74	266	3	0.193	ng	Qvalue # 70

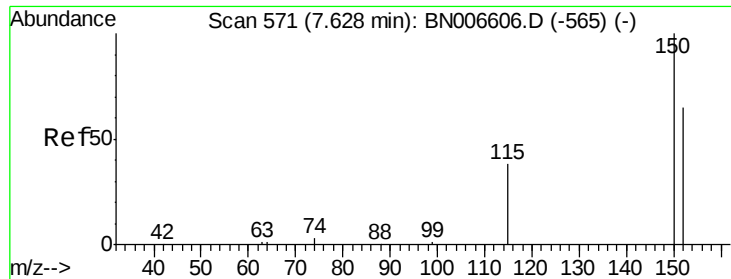
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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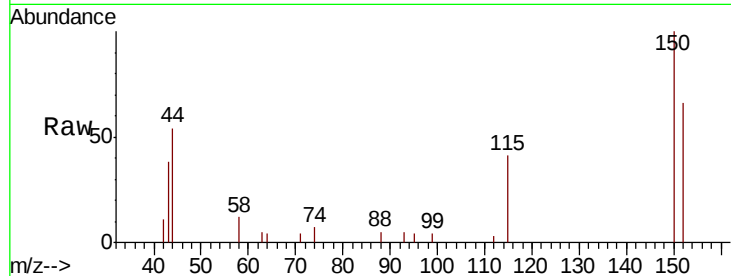


#1

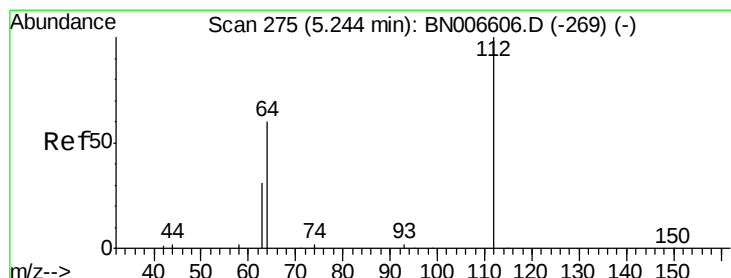
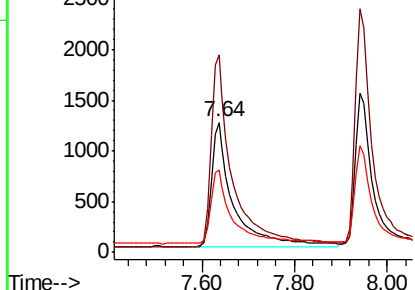
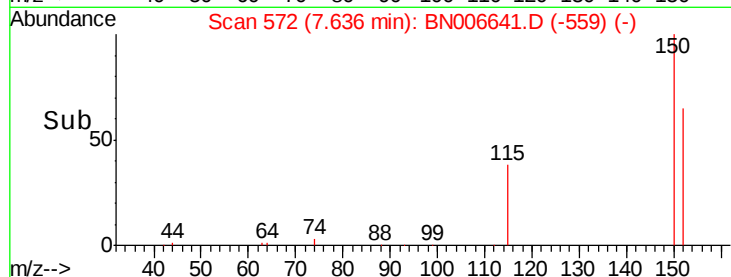
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.64 min Scan# 572
 Delta R.T. 0.01 min
 Lab File: BN006641.D
 Acq: 29 Jun 2019 07:57

Instrument :
 BNA_N
 ClientSampleId :
 PB120801BL

Tgt Ion:152 Resp: 4079
 Ion Ratio Lower Upper
 152 100
 150 151.9 122.2 183.2
 115 62.9 50.0 75.0



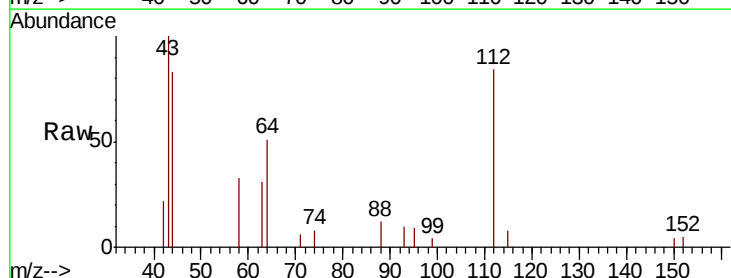
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



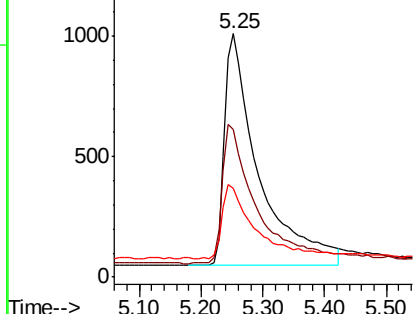
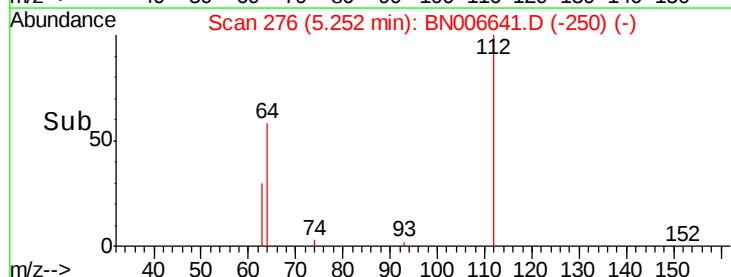
#4

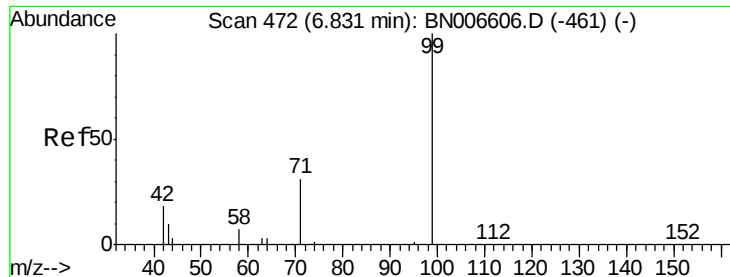
2-Fluorophenol
 Concen: 0.366 ng
 RT: 5.25 min Scan# 276
 Delta R.T. 0.01 min
 Lab File: BN006641.D
 Acq: 29 Jun 2019 07:57

Tgt Ion:112 Resp: 3664
 Ion Ratio Lower Upper
 112 100
 64 61.3 48.9 73.3
 63 32.3 24.3 36.5



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





#5

Phenol-d6

Concen: 0.328 ng

RT: 6.85 min Scan# 475

Delta R.T. 0.02 min

Lab File: BN006641.D

Acq: 29 Jun 2019 07:57

Instrument :

BNA_N

ClientSampleId :

PB120801BL

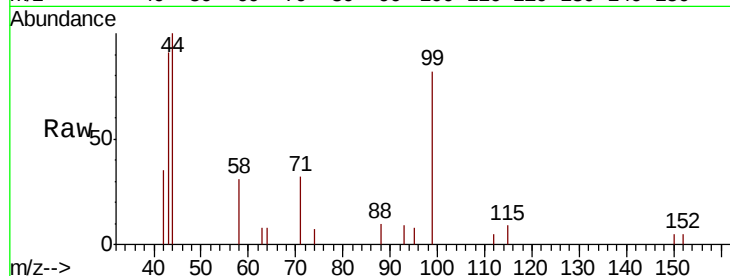
Tgt Ion: 99 Resp: 4337

Ion Ratio Lower Upper

99 100

42 19.4 16.4 24.6

71 33.5 26.6 40.0

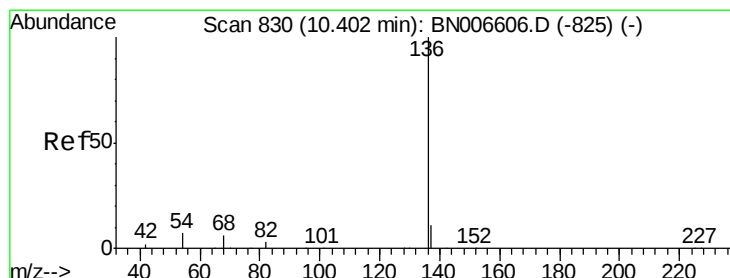
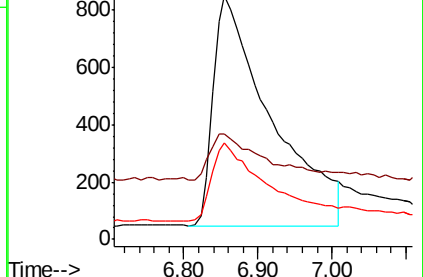
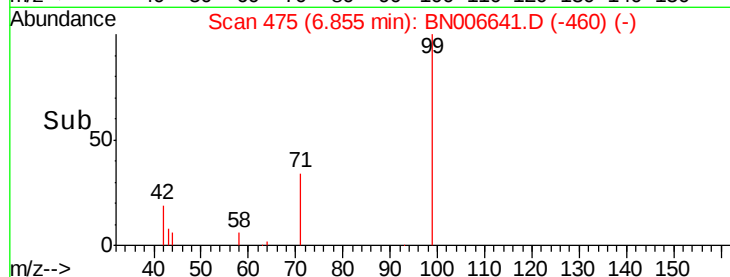


Abundance Ion 99.00 (98.70 to 99.70): BN006641.D (-460) (-)

Ion 42.00 (41.70 to 42.70): BN006641.D (-460) (-)

Ion 71.00 (70.70 to 71.70): BN006641.D (-460) (-)

6.85



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.42 min Scan# 831

Delta R.T. 0.01 min

Lab File: BN006641.D

Acq: 29 Jun 2019 07:57

Tgt Ion: 136 Resp: 16119

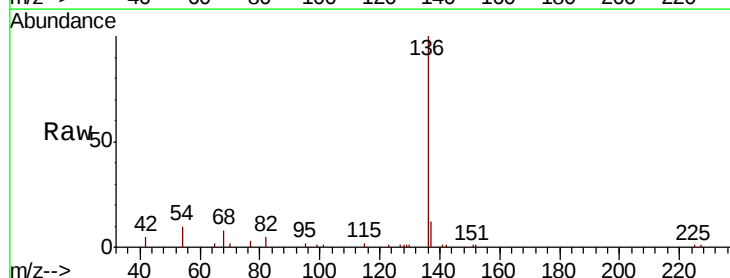
Ion Ratio Lower Upper

136 100

137 11.7 9.3 13.9

54 9.9 6.7 10.1

68 7.7 5.3 7.9



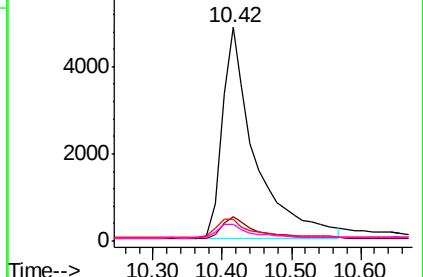
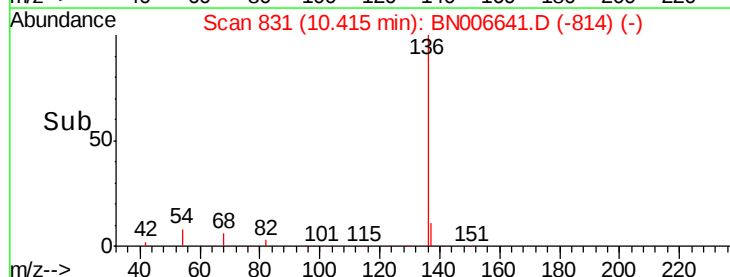
Abundance Ion 136.00 (135.70 to 136.70): BN006641.D (-814) (-)

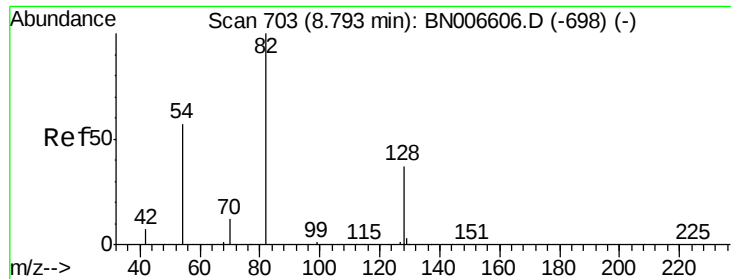
Ion 137.00 (136.70 to 137.70): BN006641.D (-814) (-)

Ion 54.00 (53.70 to 54.70): BN006641.D (-814) (-)

Ion 68.00 (67.70 to 68.70): BN006641.D (-814) (-)

10.42





#8

Nitrobenzene-d5

Concen: 0.281 ng

RT: 8.84 min Scan# 707

Delta R.T. 0.05 min

Lab File: BN006641.D

Acq: 29 Jun 2019 07:57

Instrument :

BNA_N

ClientSampleId :

PB120801BL

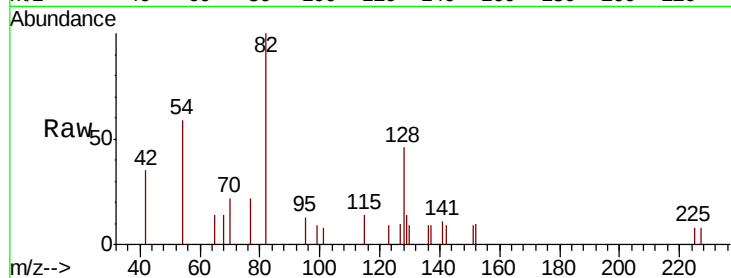
Tgt Ion: 82 Resp: 3048

Ion Ratio Lower Upper

82 100

128 45.8 32.6 49.0

54 59.1 48.2 72.4



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): BNC

Ion 54.00 (53.70 to 54.70): BNC

8.84

600

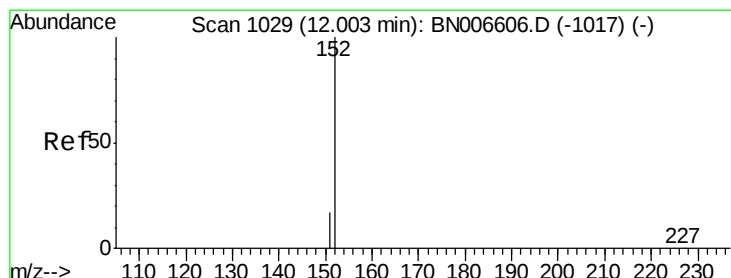
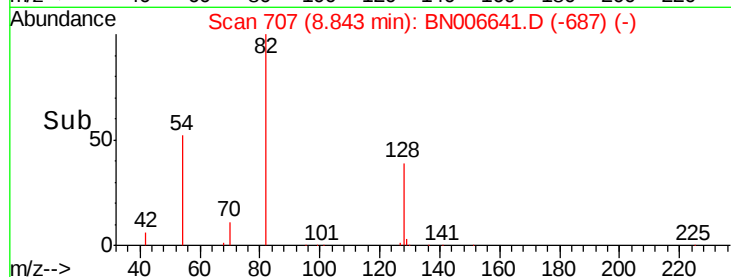
400

200

0

8.70 8.80 8.90 9.00

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.367 ng

RT: 12.02 min Scan# 1033

Delta R.T. 0.02 min

Lab File: BN006641.D

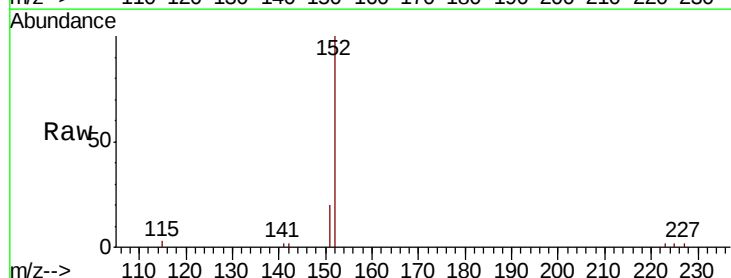
Acq: 29 Jun 2019 07:57

Tgt Ion: 152 Resp: 9326

Ion Ratio Lower Upper

152 100

151 17.5 15.0 22.4



Abundance Ion 152.00 (151.70 to 152.70): BNC

Ion 151.00 (150.70 to 151.70): BNC

12.02

3000

2500

2000

1500

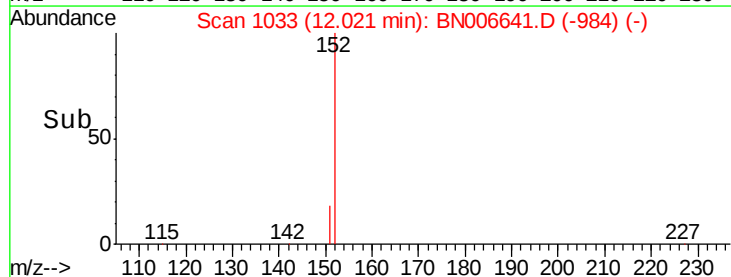
1000

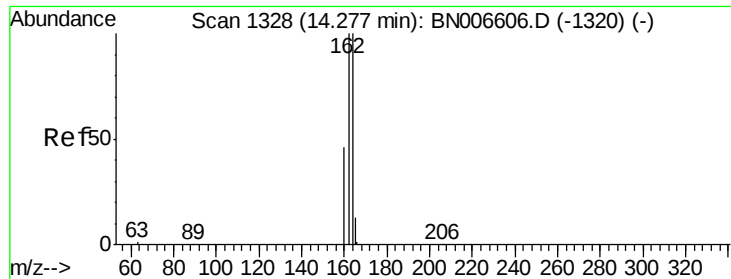
500

0

12.00 12.20

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.28 min Scan# 1328

Delta R.T. -0.00 min

Lab File: BN006641.D

Acq: 29 Jun 2019 07:57

Instrument :

BNA_N

ClientSampleId :

PB120801BL

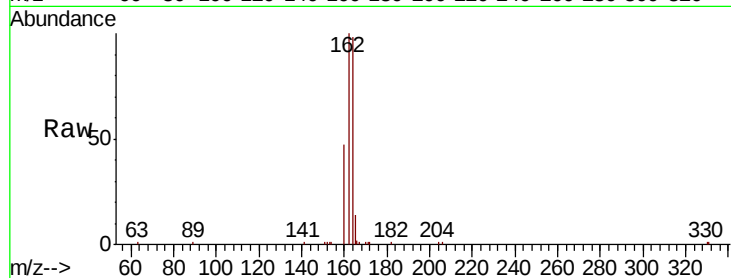
Tgt Ion:164 Resp: 11218

Ion Ratio Lower Upper

164 100

162 101.6 80.0 120.0

160 47.5 37.0 55.4

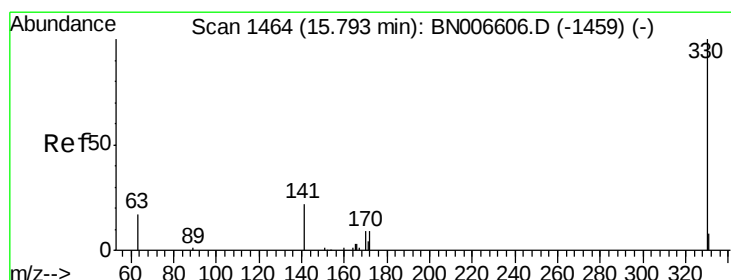
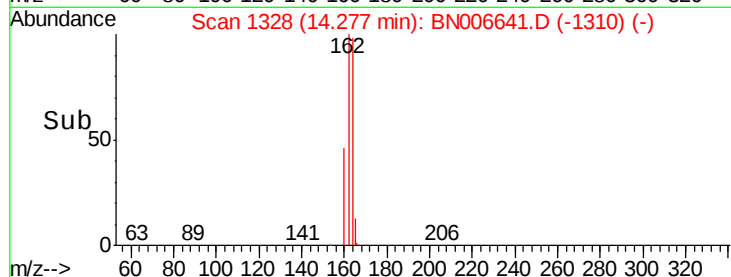
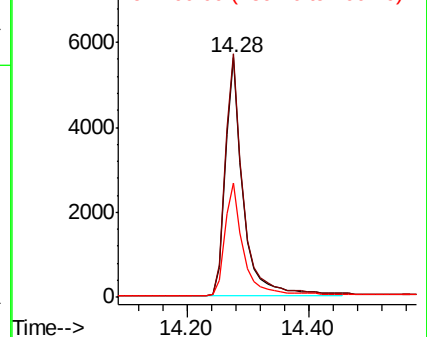


Abundance

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



#14

2,4,6-Tribromophenol

Concen: 0.262 ng

RT: 15.81 min Scan# 1466

Delta R.T. 0.02 min

Lab File: BN006641.D

Acq: 29 Jun 2019 07:57

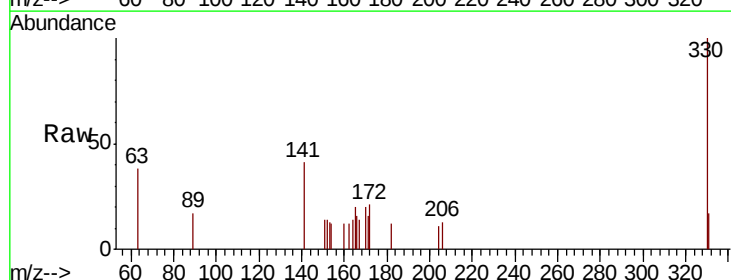
Tgt Ion:330 Resp: 1384

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 34.8 26.5 39.7

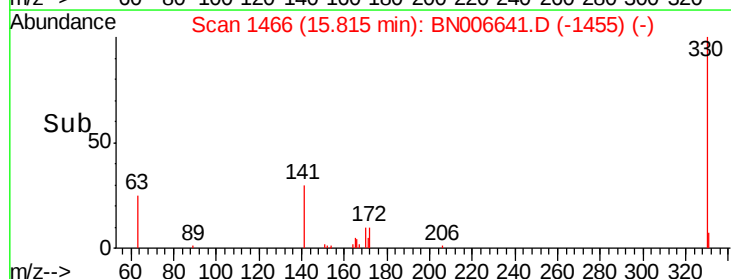
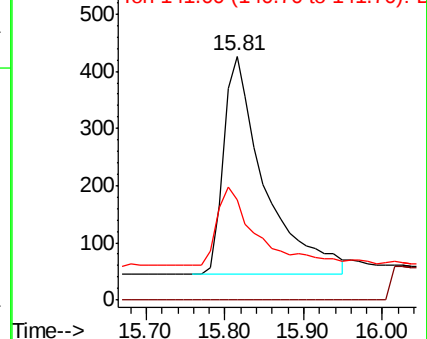


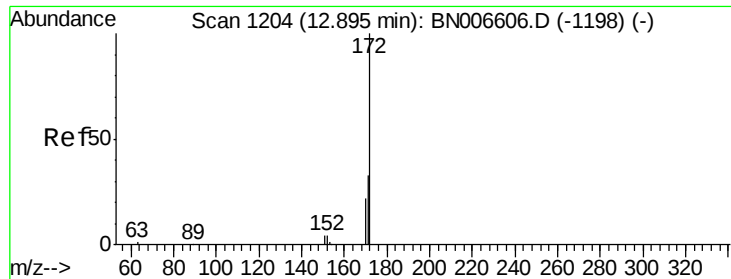
Abundance

Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

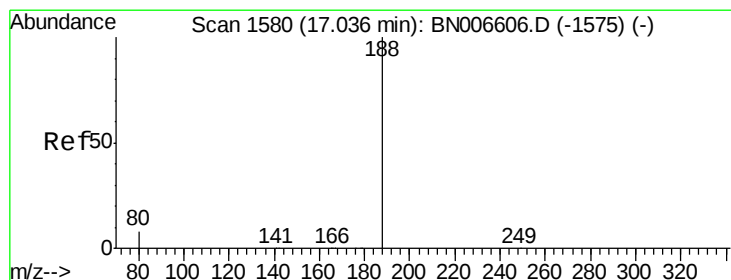
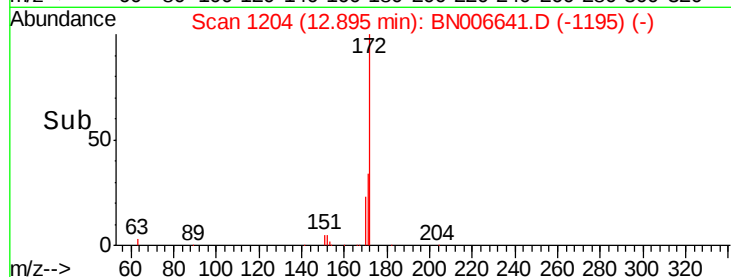
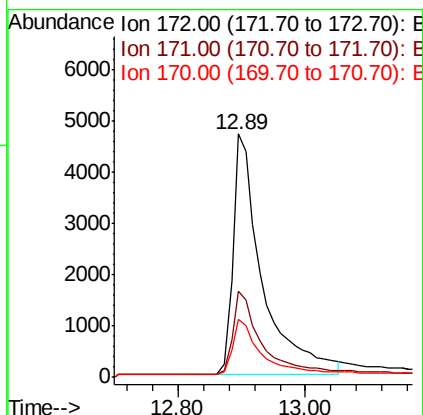
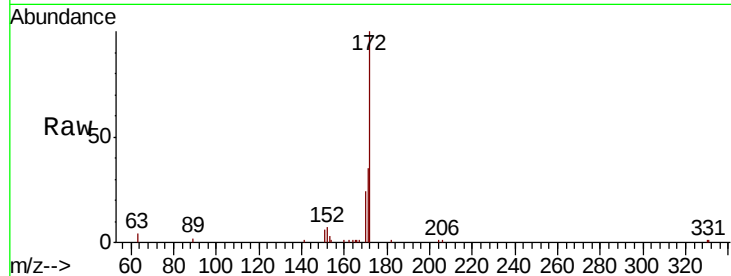




#15
2-Fluorobiphenyl
Concen: 0.363 ng
RT: 12.89 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BN006641.D
Acq: 29 Jun 2019 07:57

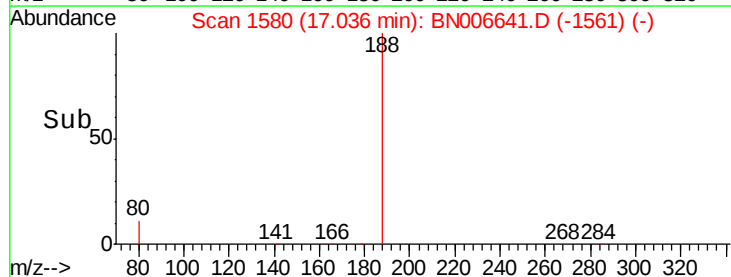
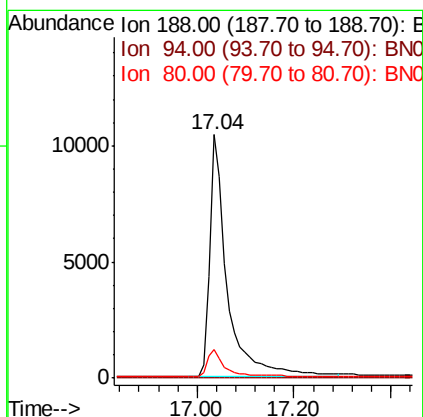
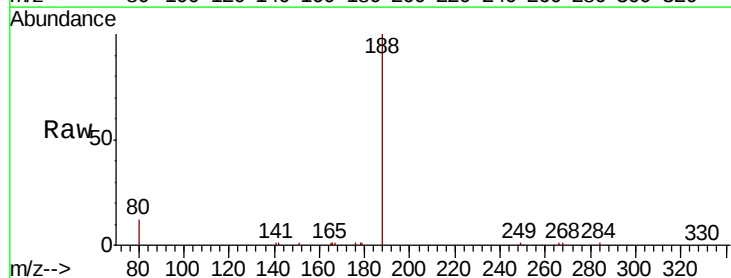
Instrument :
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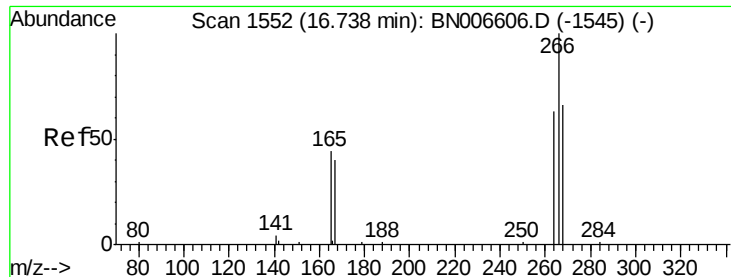
Tgt Ion:172 Resp: 15102
Ion Ratio Lower Upper
172 100
171 35.2 27.0 40.4
170 24.1 17.7 26.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.04 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BN006641.D
Acq: 29 Jun 2019 07:57

Tgt Ion:188 Resp: 26562
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.0 7.1 10.7#





#22

Pentachlorophenol

Concen: 0.193 ng

RT: 16.74 min Scan# 1552

Delta R.T. 0.00 min

Lab File: BN006641.D

Acq: 29 Jun 2019 07:57

Instrument :

BNA_N

ClientSampleId :

PB120801BL

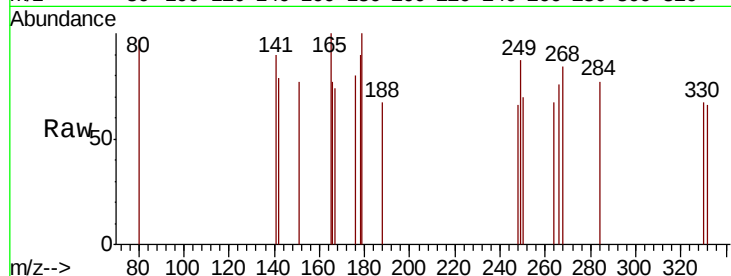
Tgt Ion:266 Resp: 3

Ion Ratio Lower Upper

266 100

264 88.7 56.2 84.4#

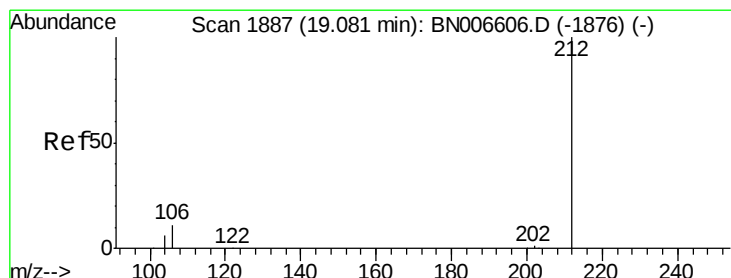
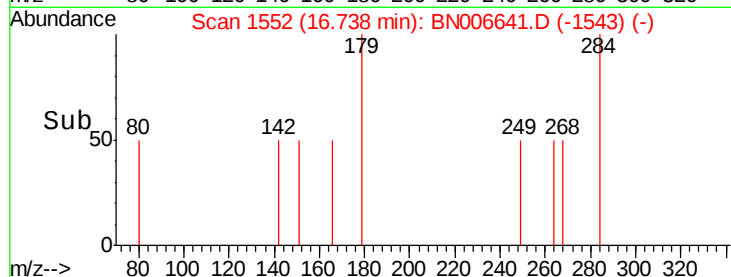
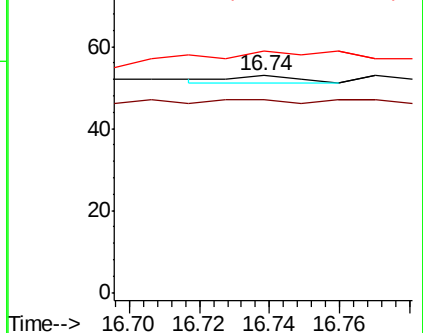
268 111.3 63.0 94.4#



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#25

Fluoranthene-d10

Concen: 0.369 ng

RT: 19.08 min Scan# 1887

Delta R.T. -0.00 min

Lab File: BN006641.D

Acq: 29 Jun 2019 07:57

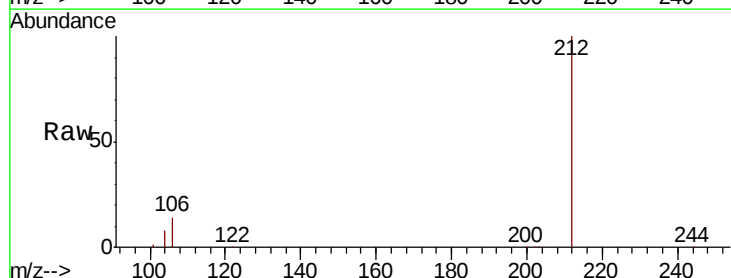
Tgt Ion:212 Resp: 28807

Ion Ratio Lower Upper

212 100

106 13.6 10.6 15.8

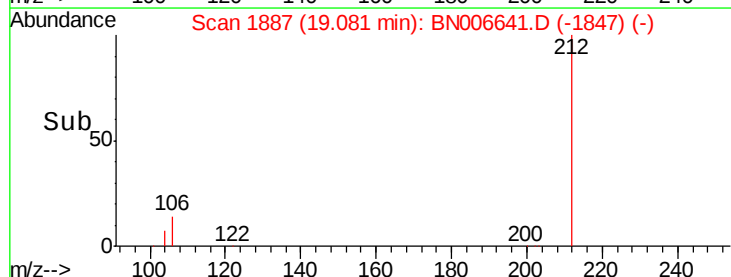
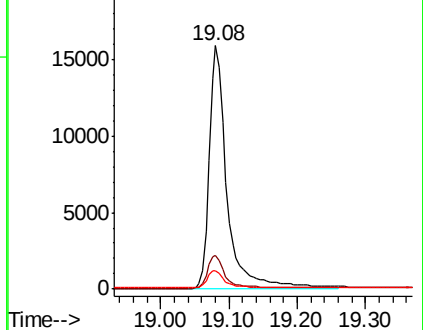
104 7.3 5.8 8.6

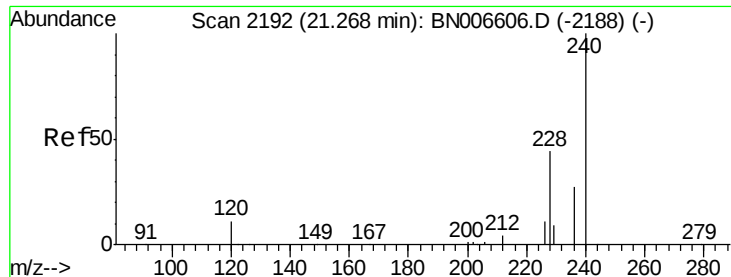


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.27 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BN006641.D

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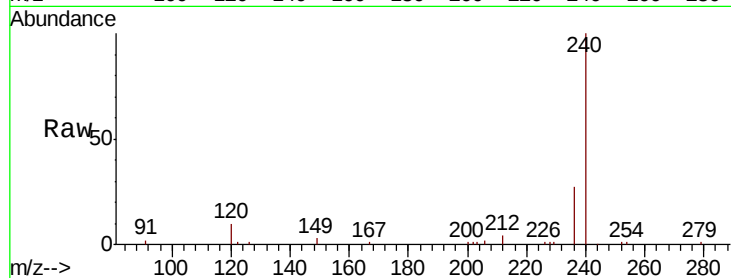
Tgt Ion:240 Resp: 25267

Ion Ratio Lower Upper

240 100

120 9.7 9.9 14.9#

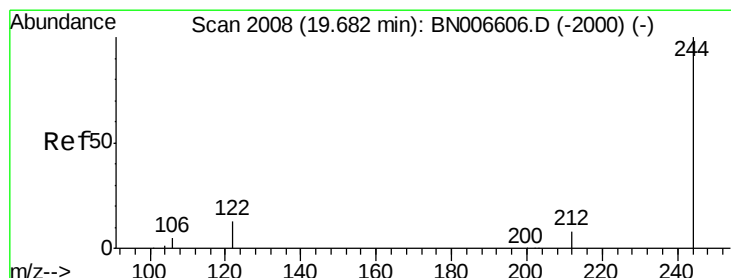
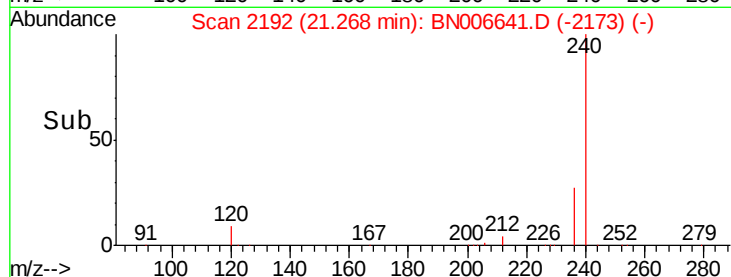
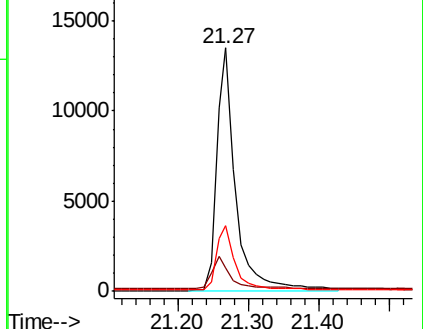
236 27.1 22.2 33.4



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



#29

Terphenyl-d14

Concen: 0.433 ng

RT: 19.68 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BN006641.D

Acq: 29 Jun 2019 07:57

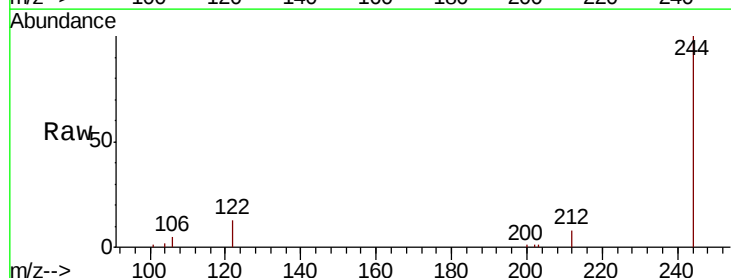
Tgt Ion:244 Resp: 22931

Ion Ratio Lower Upper

244 100

212 8.4 6.7 10.1

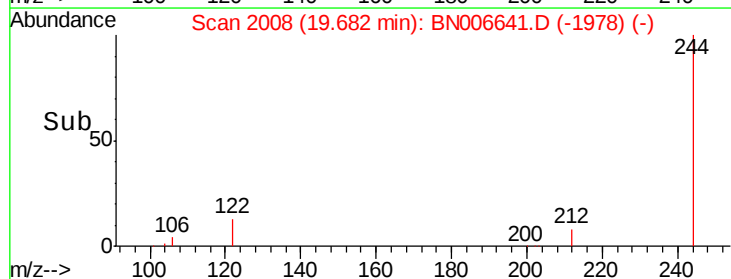
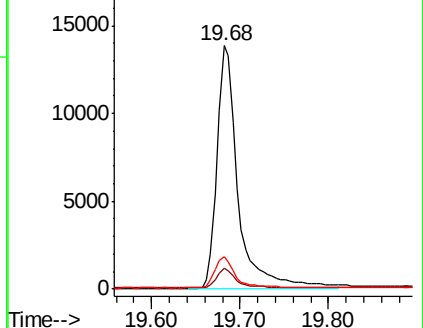
122 13.5 11.0 16.6

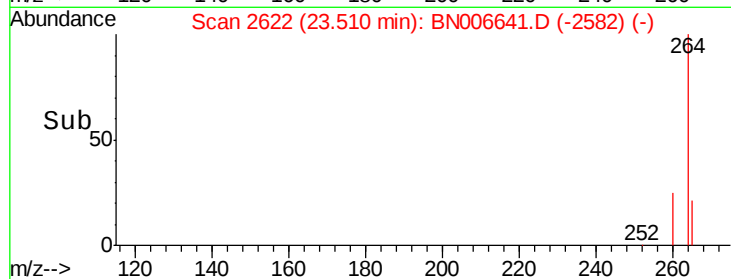
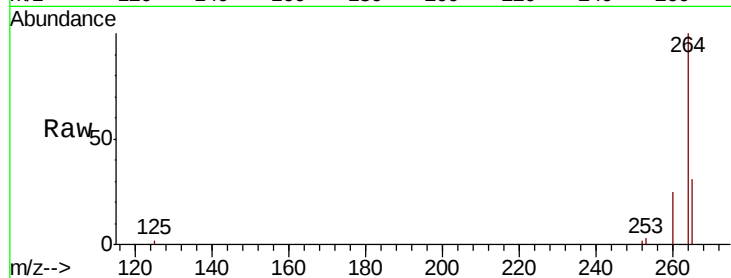
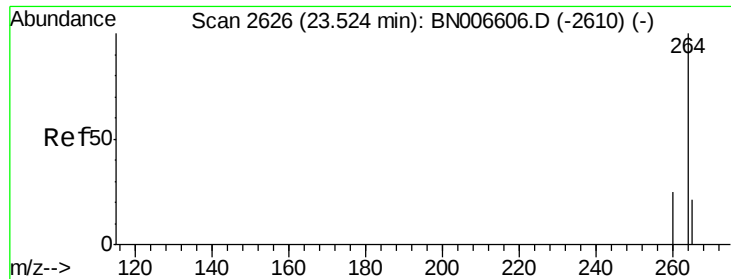


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.51 min Scan# 2622

Delta R.T. -0.01 min

Lab File: BN006641.D

Acq: 29 Jun 2019 07:57

Instrument :

BNA_N

ClientSampleId :

PB120801BL

Tgt Ion:264 Resp: 25211

Ion Ratio Lower Upper

264 100

260 25.0 20.2 30.2

265 30.8 23.3 34.9

