

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091319\
 Data File : BN007640.D
 Acq On : 13 Sep 2019 23:00
 Operator : HP/JU
 Sample : PB122886BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB122886BL

Quant Time: Sep 16 12:01:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:27:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	9021	0.40	ng	0.00
7) Naphthalene-d8	10.48	136	34366	0.40	ng	-0.01
13) Acenaphthene-d10	14.34	164	18274	0.40	ng	0.00
19) Phenanthrene-d10	17.08	188	37155	0.40	ng	0.00
27) Chrysene-d12	21.27	240	33770	0.40	ng	-0.01
34) Perylene-d12	23.49	264	33306	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.33	112	10399	0.36	ng	0.00
5) Phenol-d6	6.89	99	13785	0.39	ng	0.00
8) Nitrobenzene-d5	8.86	82	10035	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	23166	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	1962	0.28	ng	0.00
15) 2-Fluorobiphenyl	12.95	172	30867	0.39	ng	-0.01
25) Fluoranthene-d10	19.11	212	45892	0.39	ng	0.00
29) Terphenyl-d14	19.72	244	37443	0.42	ng	0.00

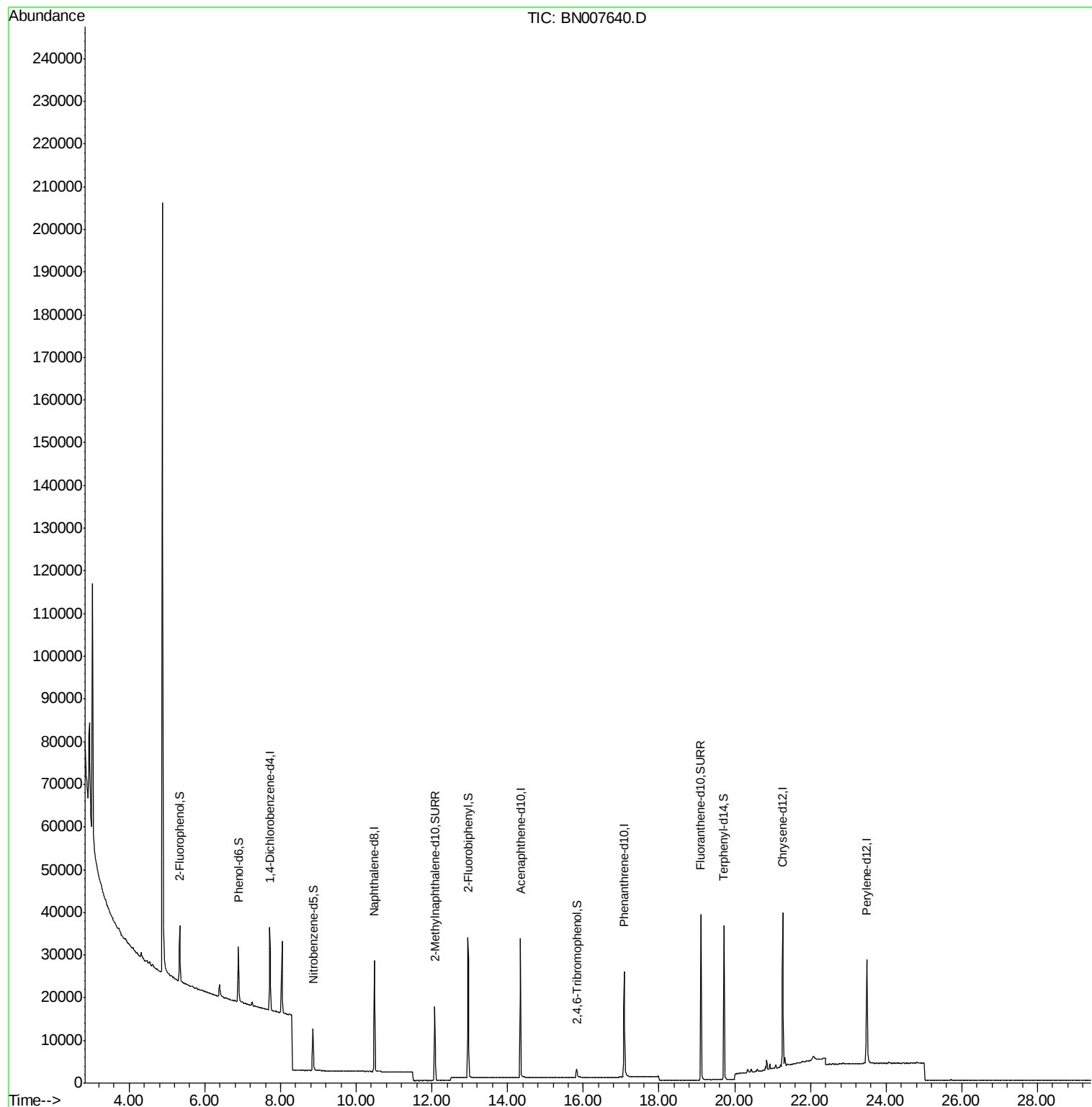
Target Compounds	Qvalue

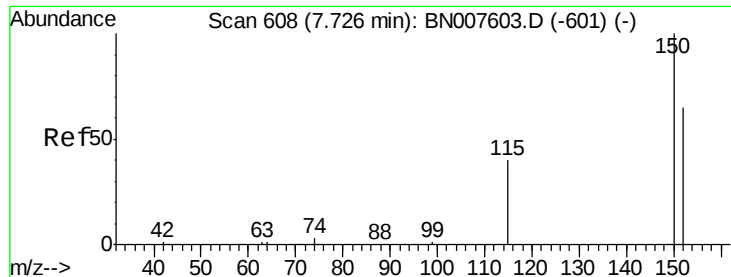
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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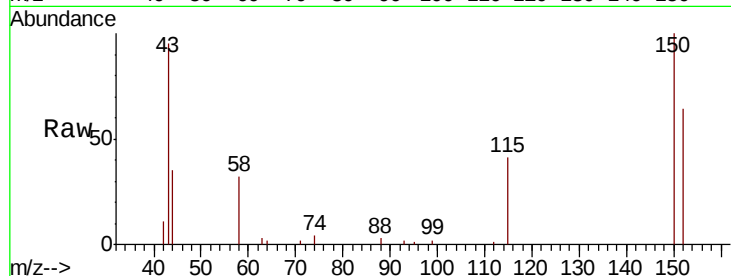


#1

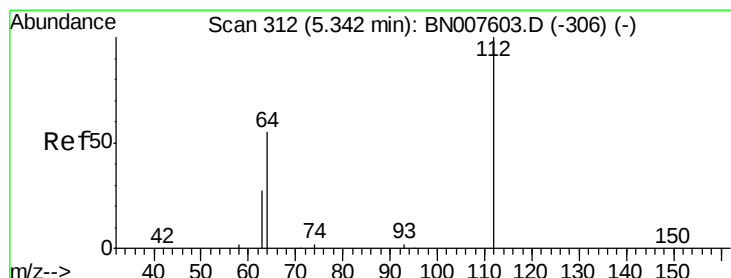
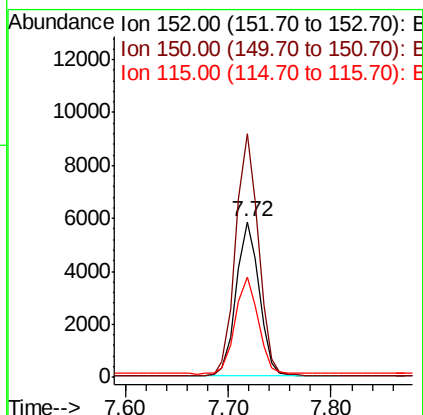
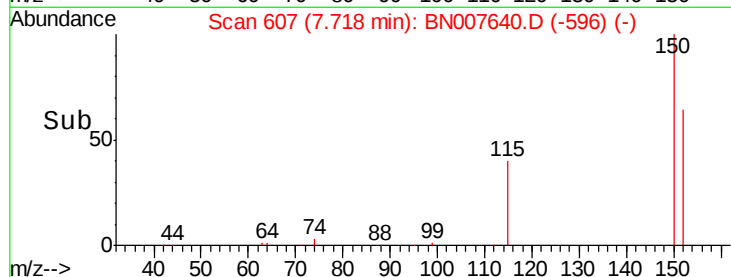
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 607
Delta R.T. -0.01 min
Lab File: BN007640.D
Acq: 13 Sep 2019 23:00

Instrument :
BNA_N
ClientSampleId :
PB122886BL

Tot Ion:152 Resp: 9021
Ion Ratio Lower Upper
152 100
150 156.6 122.4 183.6
115 64.4 50.4 75.6



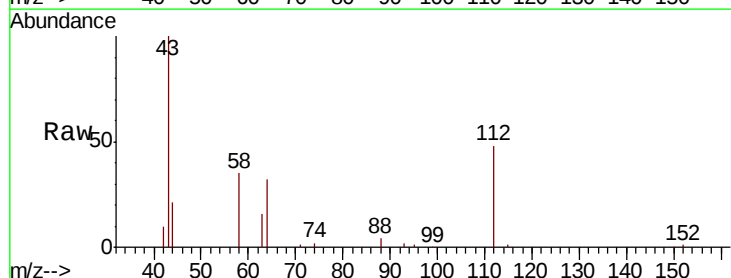
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



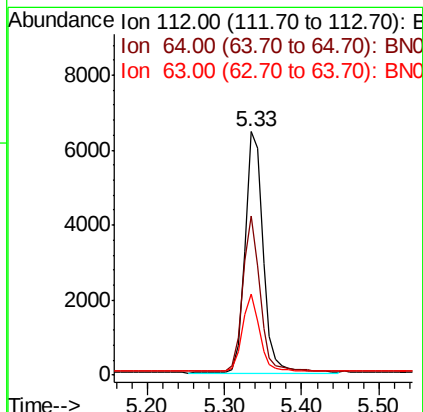
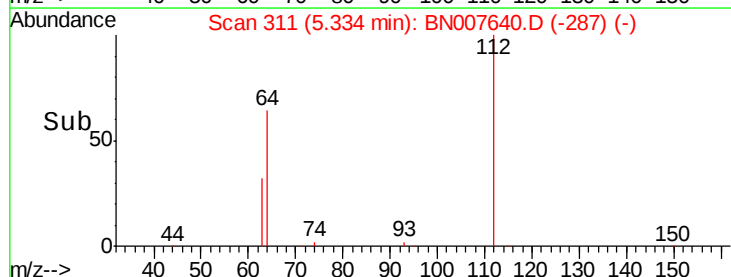
#4

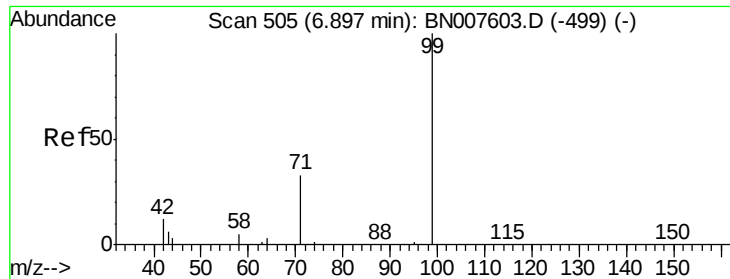
2-Fluorophenol
Concen: 0.360 ng
RT: 5.33 min Scan# 311
Delta R.T. -0.01 min
Lab File: BN007640.D
Acq: 13 Sep 2019 23:00

Tgt Ion:112 Resp: 10399
Ion Ratio Lower Upper
112 100
64 60.3 48.5 72.7
63 30.4 24.4 36.6



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: 0.392 ng

RT: 6.89 min Scan# 504

Delta R.T. -0.01 min

Lab File: BN007640.D

Acq: 13 Sep 2019 23:00

Instrument :

BNA_N

ClientSampleId :

PB122886BL

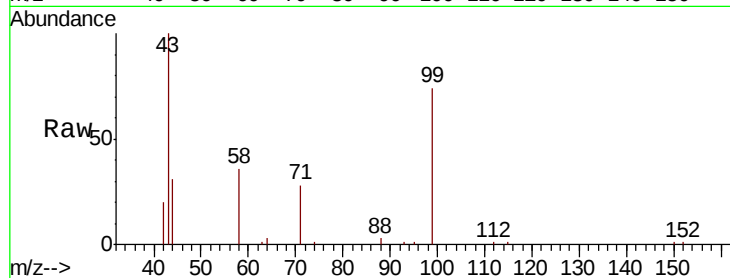
Tot Ion: 99 Resp: 13785

Ion Ratio Lower Upper

99 100

42 15.1 11.8 17.6

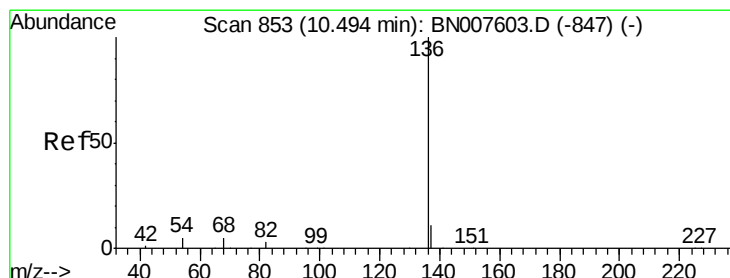
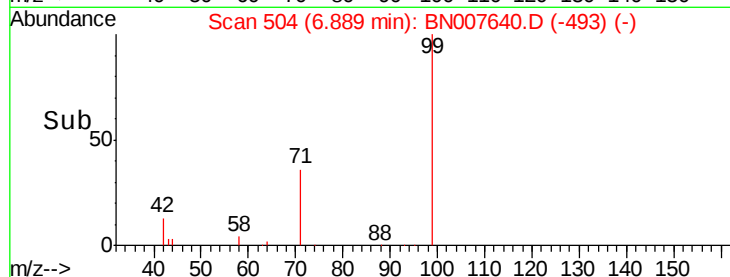
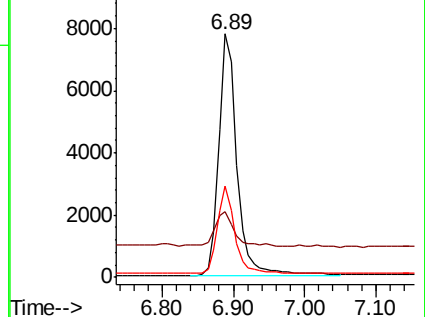
71 35.3 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BN007640.D (-499) (-)

Ion 42.00 (41.70 to 42.70): BN007640.D (-499) (-)

Ion 71.00 (70.70 to 71.70): BN007640.D (-499) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.48 min Scan# 852

Delta R.T. -0.01 min

Lab File: BN007640.D

Acq: 13 Sep 2019 23:00

Tgt Ion: 136 Resp: 34366

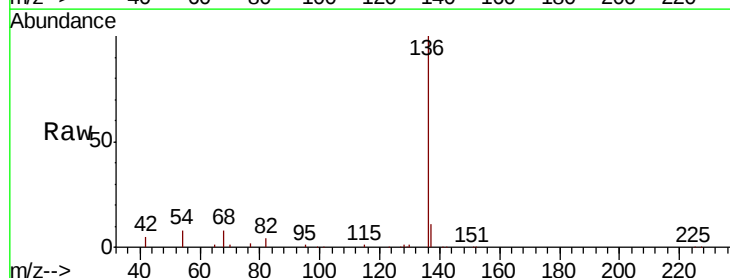
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.6 4.2 6.4#

68 8.1 4.6 7.0#

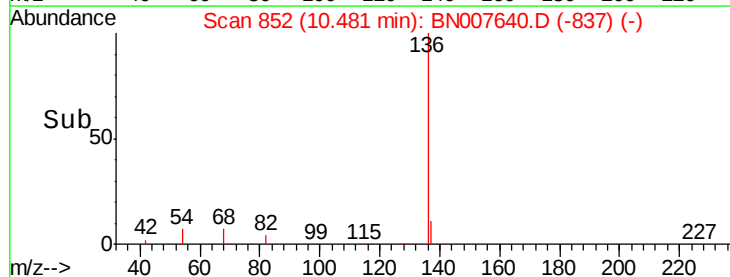
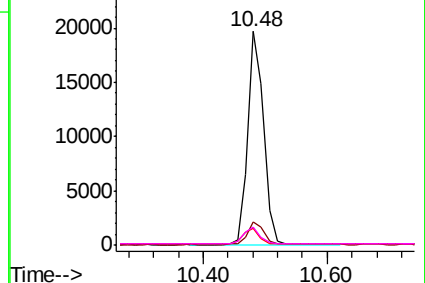


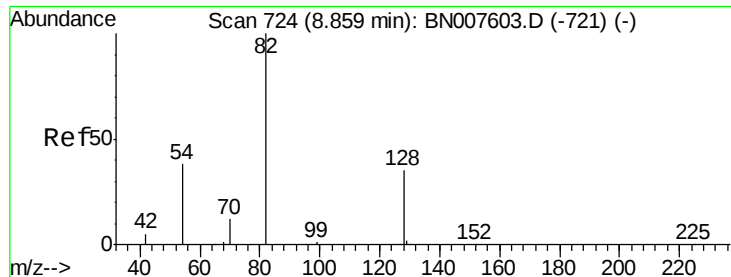
Abundance Ion 136.00 (135.70 to 136.70): BN007640.D (-837) (-)

Ion 137.00 (136.70 to 137.70): BN007640.D (-837) (-)

Ion 54.00 (53.70 to 54.70): BN007640.D (-837) (-)

Ion 68.00 (67.70 to 68.70): BN007640.D (-837) (-)





#8

Nitrobenzene-d5

Concen: 0.366 ng

RT: 8.86 min Scan# 724

Delta R.T. -0.00 min

Lab File: BN007640.D

Acq: 13 Sep 2019 23:00

Instrument :

BNA_N

ClientSampleId :

PB122886BL

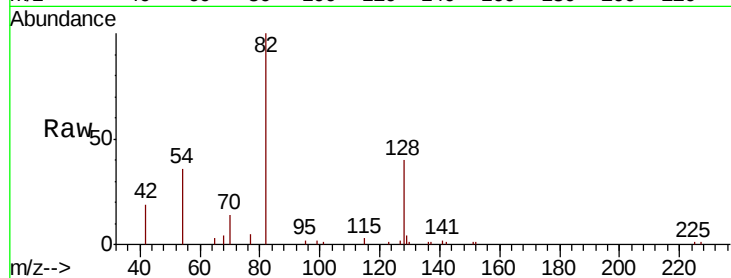
Tot Ion: 82 Resp: 10035

Ion Ratio Lower Upper

82 100

128 40.0 27.9 41.9

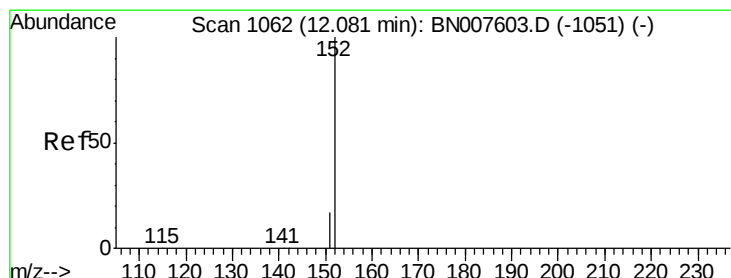
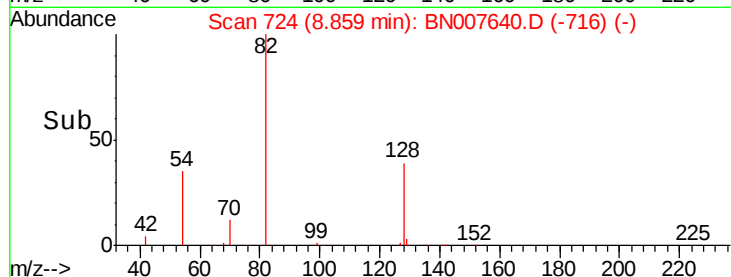
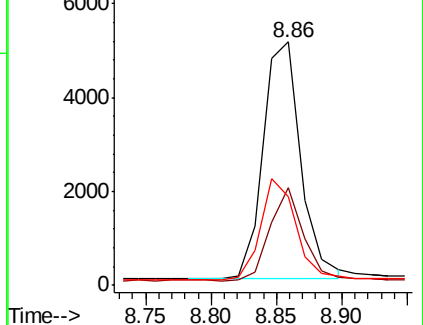
54 36.4 30.9 46.3



Abundance Ion 82.00 (81.70 to 82.70): BN007640.D (-716) (-)

Ion 128.00 (127.70 to 128.70): BN007640.D (-716) (-)

Ion 54.00 (53.70 to 54.70): BN007640.D (-716) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.398 ng

RT: 12.08 min Scan# 1061

Delta R.T. -0.00 min

Lab File: BN007640.D

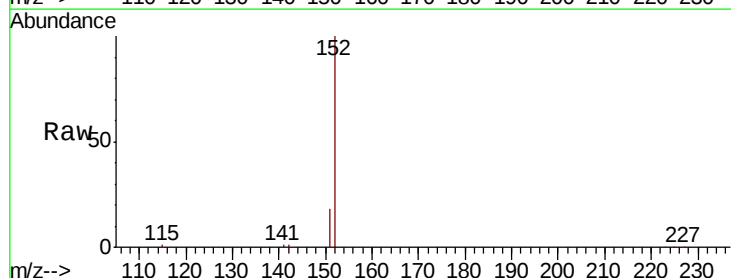
Acq: 13 Sep 2019 23:00

Tgt Ion: 152 Resp: 23166

Ion Ratio Lower Upper

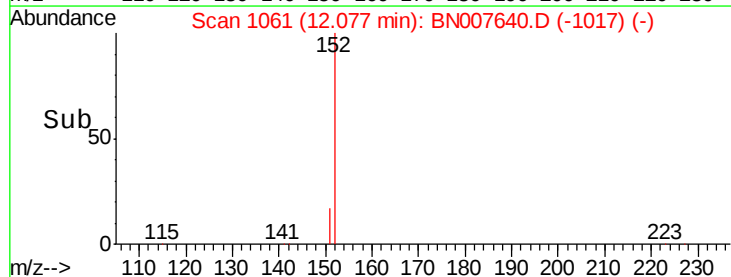
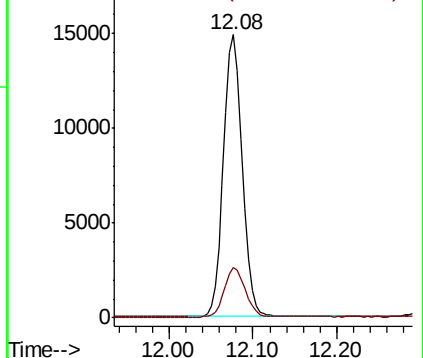
152 100

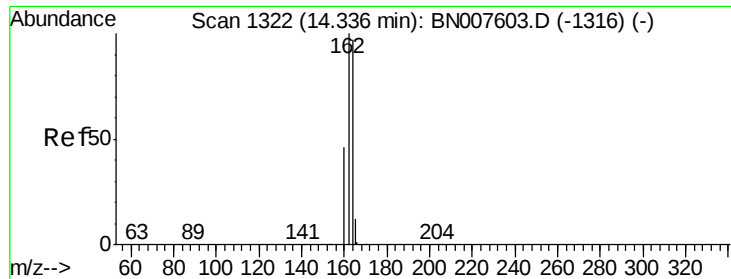
151 19.0 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): BN007640.D (-1017) (-)

Ion 151.00 (150.70 to 151.70): BN007640.D (-1017) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.34 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BN007640.D

Acq: 13 Sep 2019 23:00

Instrument :

BNA_N

ClientSampleId :

PB122886BL

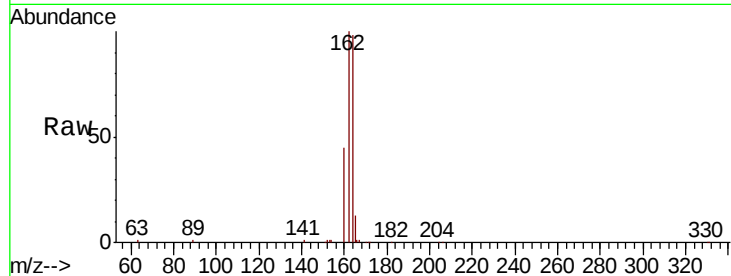
Tot Ion:164 Resp: 18274

Ion Ratio Lower Upper

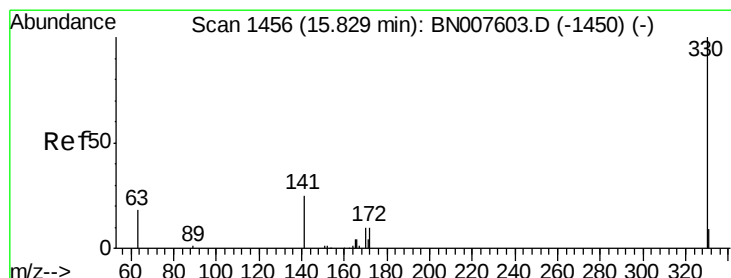
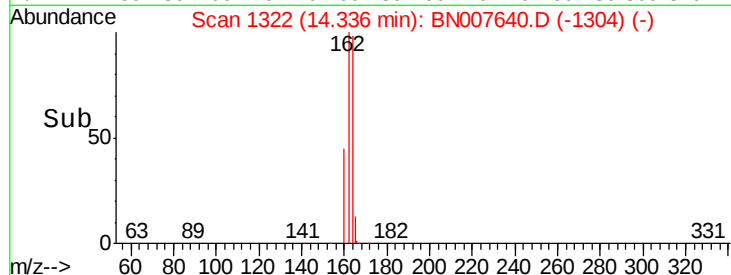
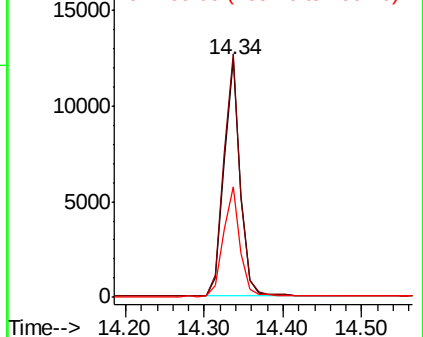
164 100

162 102.2 82.8 124.2

160 46.4 38.0 57.0



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: 0.284 ng

RT: 15.83 min Scan# 1456

Delta R.T. -0.00 min

Lab File: BN007640.D

Acq: 13 Sep 2019 23:00

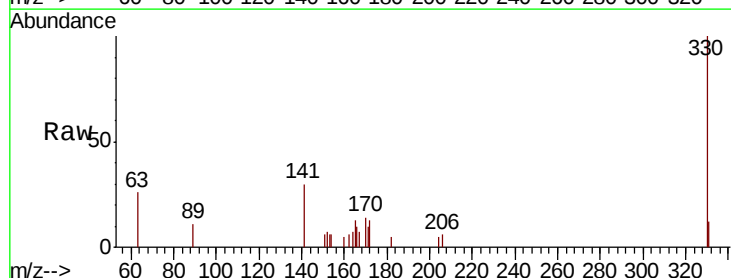
Tgt Ion:330 Resp: 1962

Ion Ratio Lower Upper

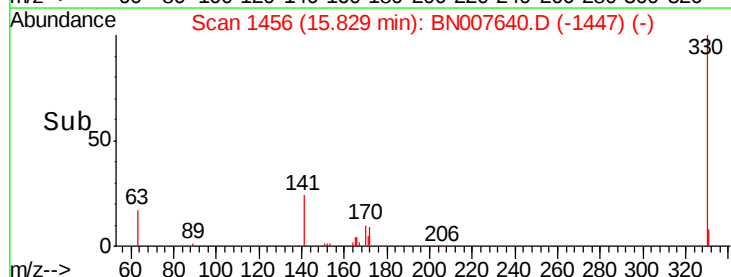
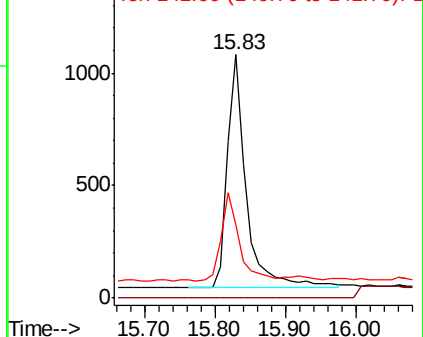
330 100

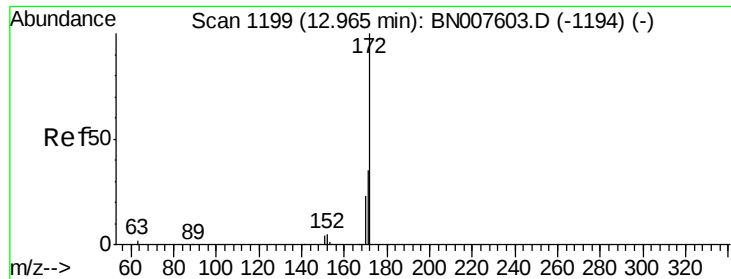
332 0.0 0.0 0.0

141 36.1 30.1 45.1



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

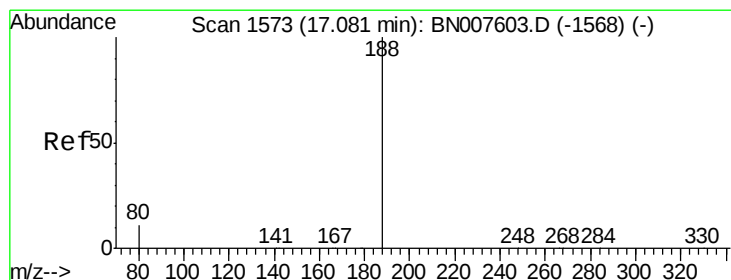
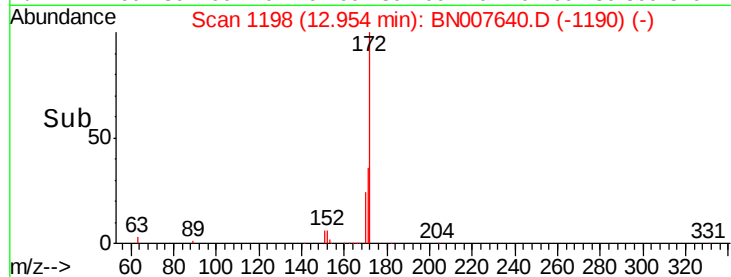
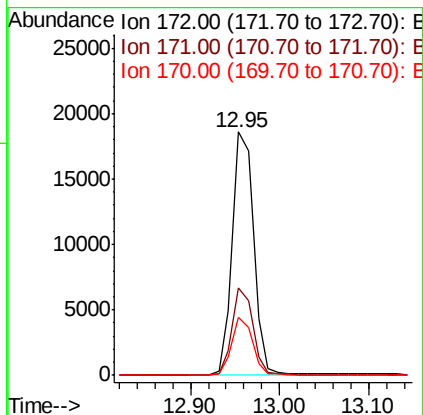
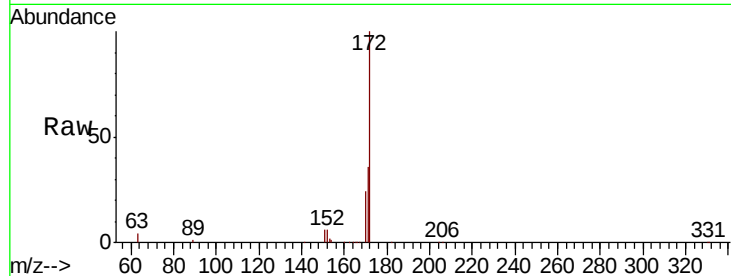




#15
2-Fluorobiphenyl
Concen: 0.387 ng
RT: 12.95 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BN007640.D
Acq: 13 Sep 2019 23:00

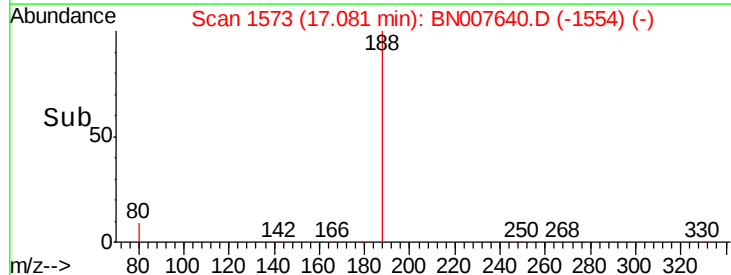
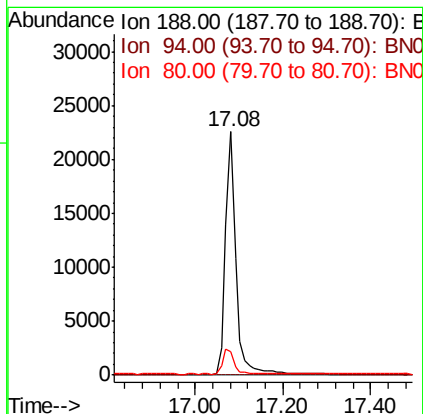
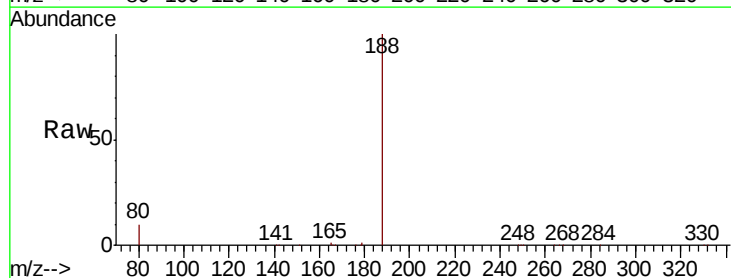
Instrument :
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PB122886BL

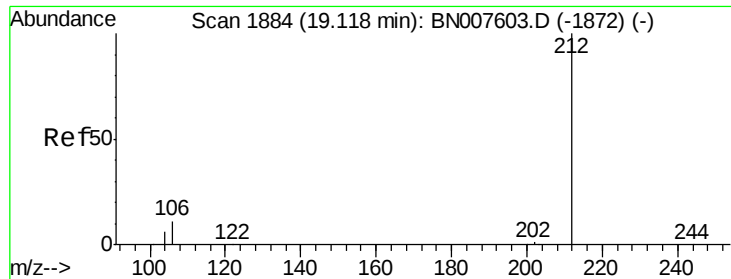
Tot Ion:172 Resp: 30867
Ion Ratio Lower Upper
172 100
171 35.8 27.9 41.9
170 24.1 18.5 27.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BN007640.D
Acq: 13 Sep 2019 23:00

Tgt Ion:188 Resp: 37155
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.8 8.8 13.2

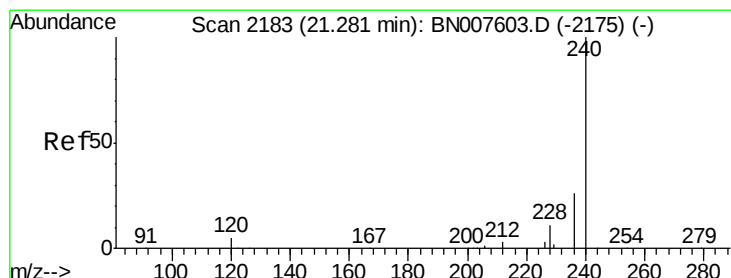
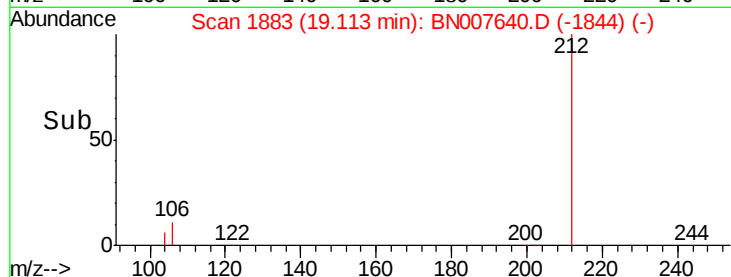
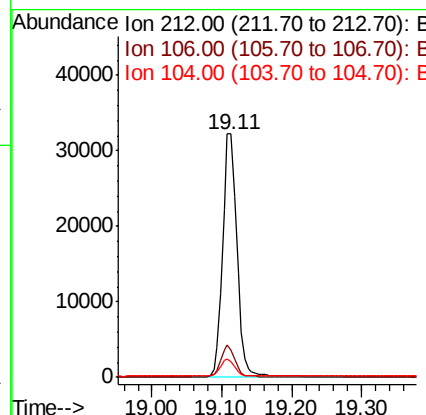
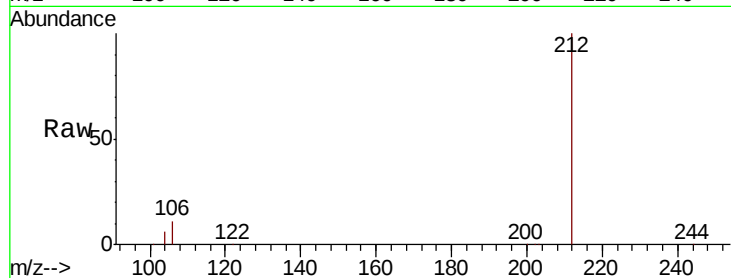




#25
 Fluoranthene-d10
 Concen: 0.391 ng
 RT: 19.11 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: BN007640.D
 Acq: 13 Sep 2019 23:00

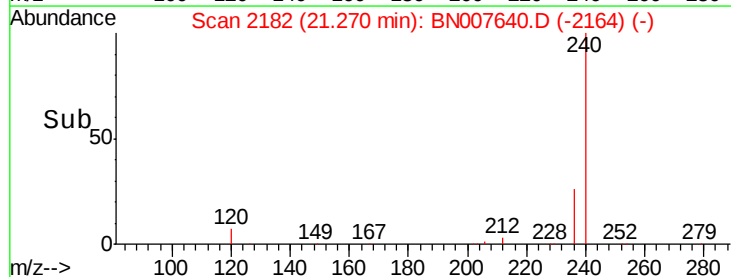
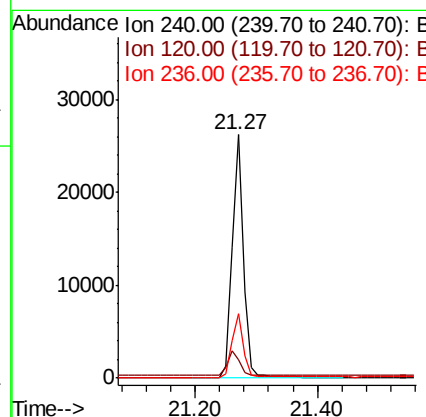
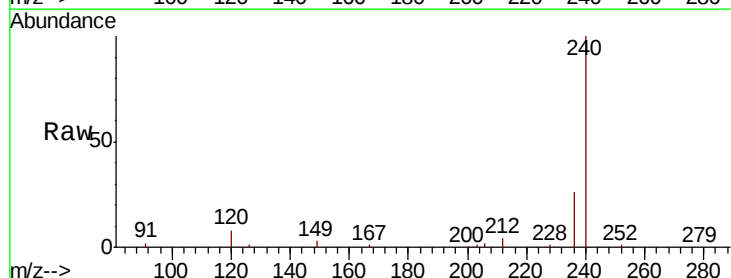
Instrument :
 BNA_N
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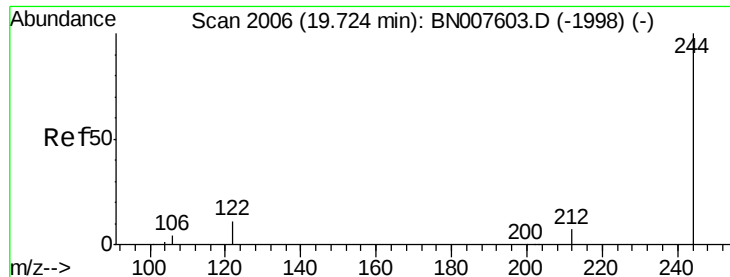
Tot Ion:212 Resp: 45892
 Ion Ratio Lower Upper
 212 100
 106 12.3 9.6 14.4
 104 7.0 5.4 8.0



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.27 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BN007640.D
 Acq: 13 Sep 2019 23:00

Tgt Ion:240 Resp: 33770
 Ion Ratio Lower Upper
 240 100
 120 7.6 4.3 6.5#
 236 26.4 20.8 31.2





#29

Terphenyl-d14

Concen: 0.420 ng

RT: 19.72 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BN007640.D

Acq: 13 Sep 2019 23:00

Instrument :

BNA_N

ClientSampleId :

PB122886BL

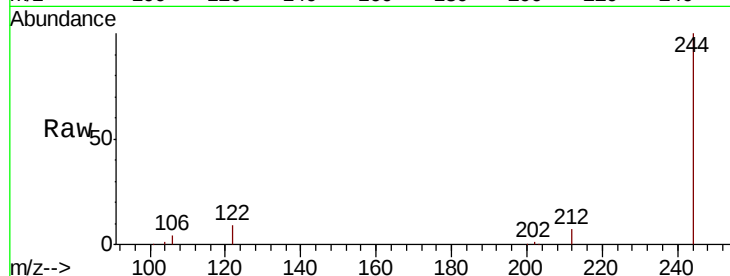
Tot Ion:244 Resp: 37443

Ion Ratio Lower Upper

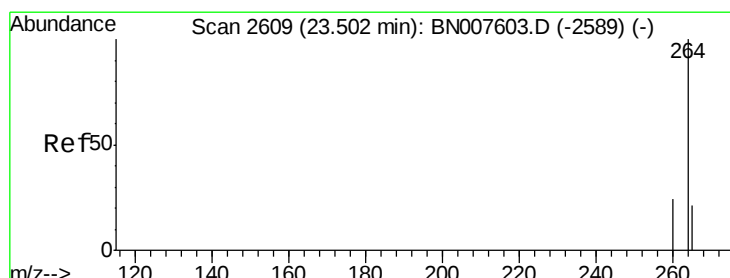
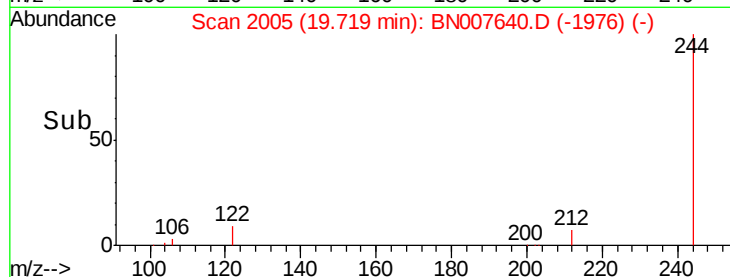
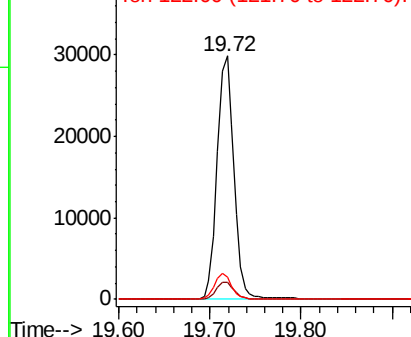
244 100

212 7.3 5.9 8.9

122 9.4 8.6 12.8



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: 23.49 min Scan# 2605

Delta R.T. -0.01 min

Lab File: BN007640.D

Acq: 13 Sep 2019 23:00

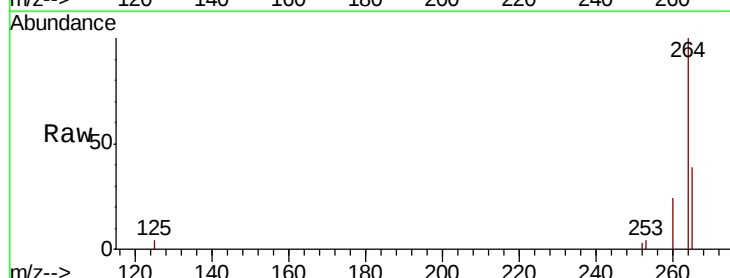
Tgt Ion:264 Resp: 33306

Ion Ratio Lower Upper

264 100

260 24.5 19.1 28.7

265 38.7 24.6 37.0#



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

