

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081319\
 Data File : BN007143.D
 Acq On : 13 Aug 2019 21:55
 Operator : HP/JU
 Sample : PB122017BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB122017BL

Quant Time: Aug 14 12:20:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 13 12:12:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	10101	0.40	ng	0.00
6) Naphthalene-d8	10.19	136	39465	0.40	ng	0.00
12) Acenaphthene-d10	14.08	164	22040	0.40	ng	0.00
18) Phenanthrene-d10	16.82	188	50034	0.40	ng	0.00
26) Chrysene-d12	21.05	240	48198	0.40	ng	-0.01
32) Perylene-d12	23.16	264	53495	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2-Fluorophenol	5.06	112	8915	0.37	ng	0.00
4) Phenol-d6	6.62	99	11934	0.40	ng	0.00
7) Nitrobenzene-d5	8.56	82	9379	0.29	ng	0.00
10) 2-Methylnaphthalene-d10	11.79	152	21542	0.29	ng	0.00
13) 2,4,6-Tribromophenol	15.57	330	2340	0.20	ng	0.00
14) 2-Fluorobiphenyl	12.71	172	5624	0.18	ng	0.00
24) Fluoranthene-d10	18.87	212	51174	0.29	ng	0.00
28) Terphenyl-d14	19.49	244	40034	0.30	ng	-0.01

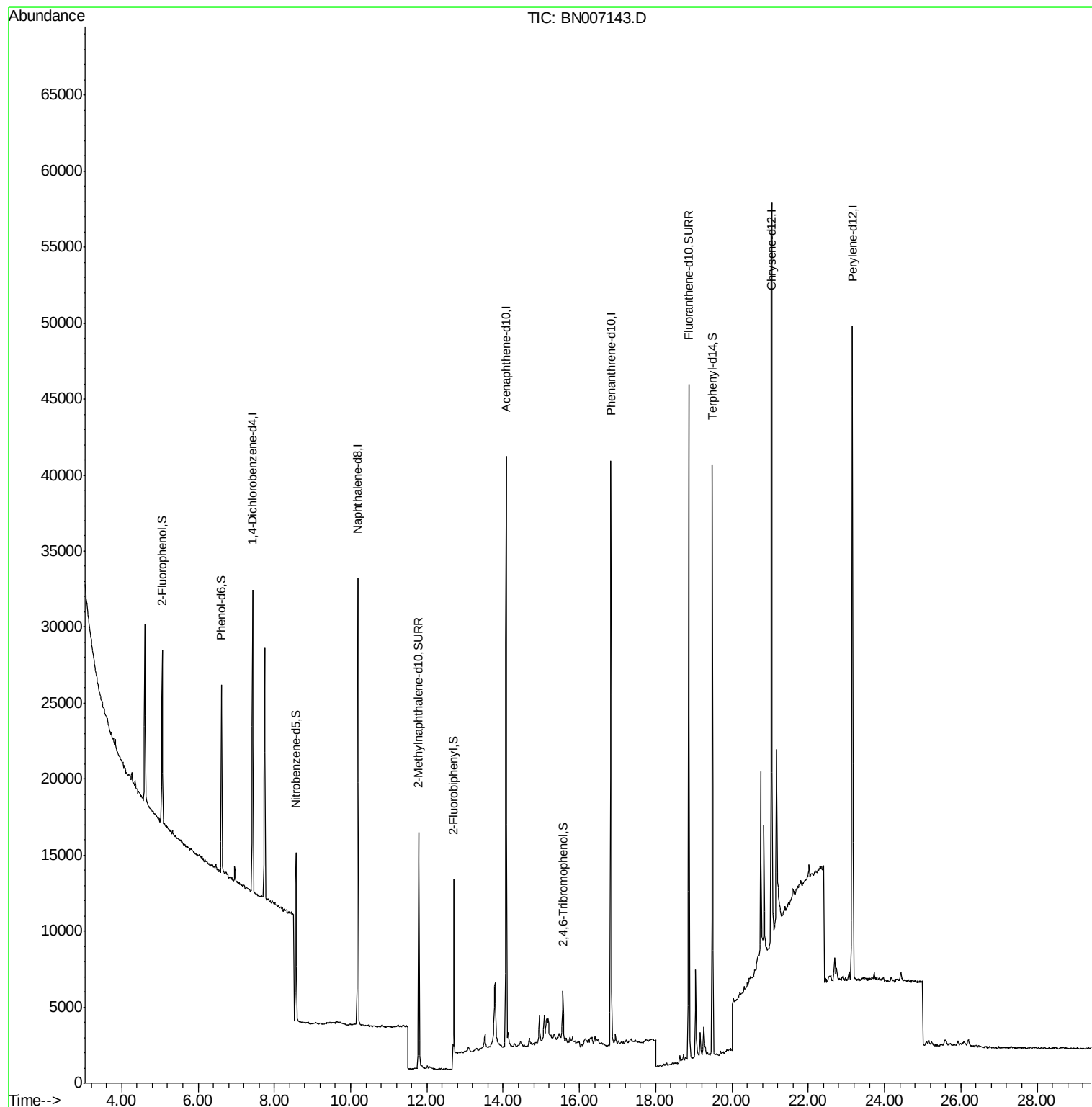
Target Compounds	Qvalue

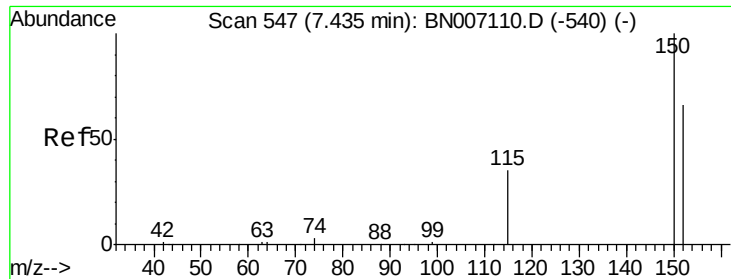
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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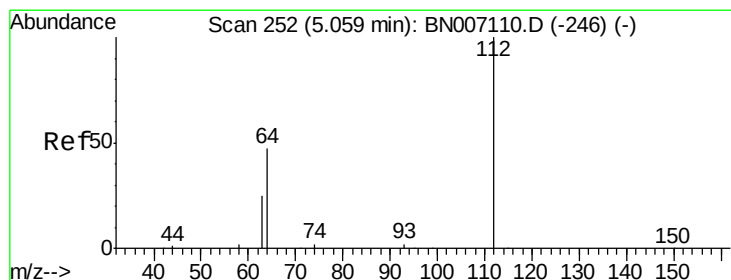
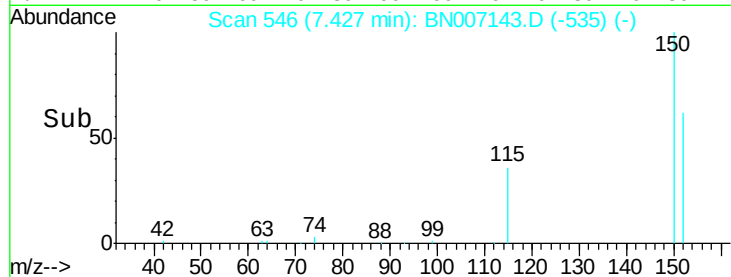
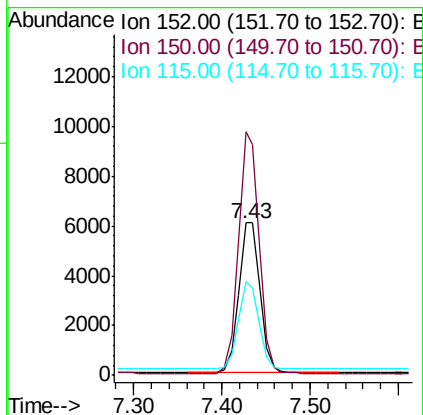
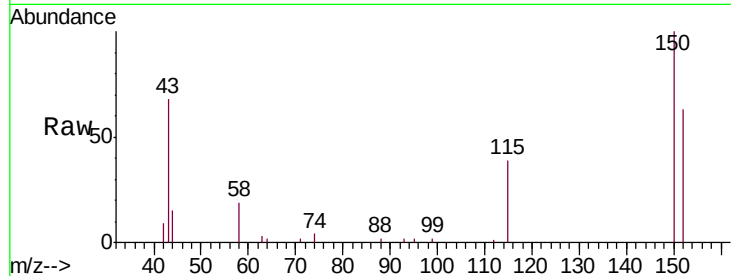


#1

1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.43 min Scan# 546
 Delta R.T. -0.01 min
 Lab File: BN007143.D
 Acq: 13 Aug 2019 21:55

Instrument :
 BNA_N
 ClientSampleId :
 PB122017BL

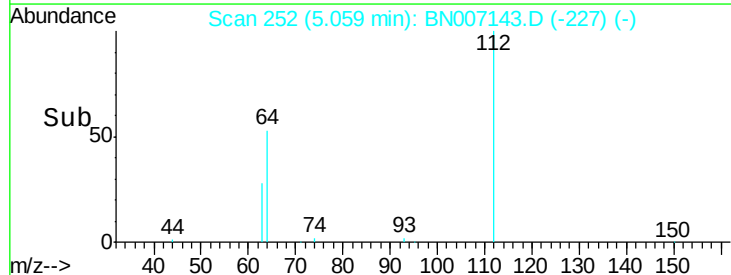
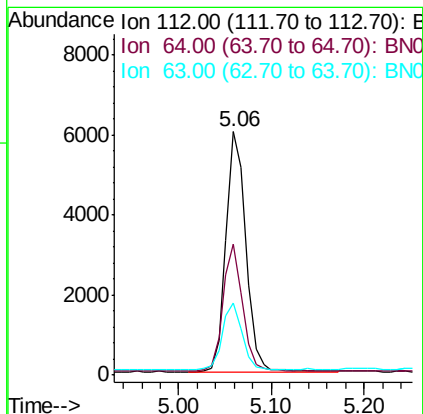
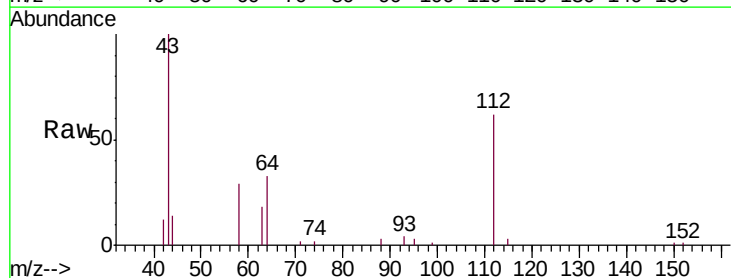
Tgt Ion:152 Resp: 10101
 Ion Ratio Lower Upper
 152 100
 150 159.7 121.7 182.5
 115 61.6 46.2 69.4

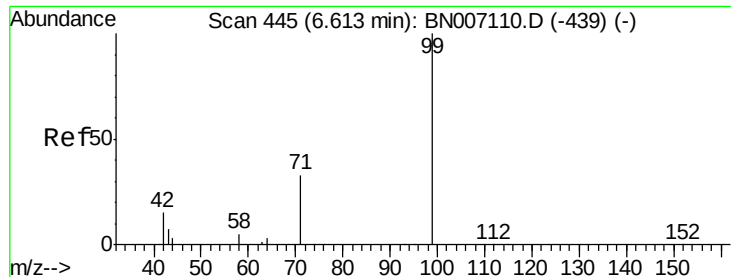


#3

2-Fluorophenol
 Concen: 0.367 ng
 RT: 5.06 min Scan# 252
 Delta R.T. -0.00 min
 Lab File: BN007143.D
 Acq: 13 Aug 2019 21:55

Tgt Ion:112 Resp: 8915
 Ion Ratio Lower Upper
 112 100
 64 51.7 42.6 63.8
 63 28.3 22.2 33.2





#4

Phenol-d6

Concen: 0.397 ng

RT: 6.62 min Scan# 446

Delta R.T. 0.01 min

Lab File: BN007143.D

Acq: 13 Aug 2019 21:55

Instrument :

BNA_N

ClientSampleId :

PB122017BL

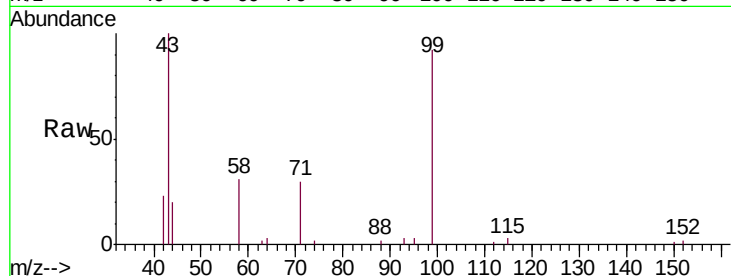
Tgt Ion: 99 Resp: 11934

Ion Ratio Lower Upper

99 100

42 17.4 15.8 23.6

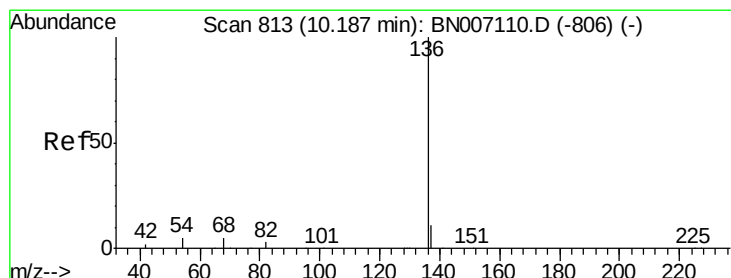
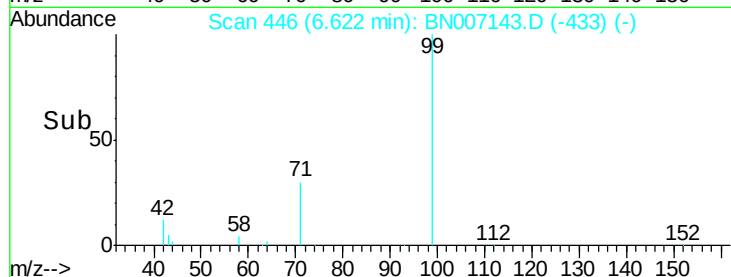
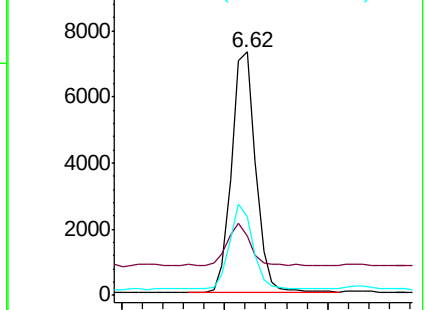
71 33.4 27.0 40.4



Abundance Ion 99.00 (98.70 to 99.70): BN007110.D (-439) (-)

Ion 42.00 (41.70 to 42.70): BN007110.D (-439) (-)

Ion 71.00 (70.70 to 71.70): BN007110.D (-439) (-)



#6

Naphthalene-d8

Concen: 0.400 ng

RT: 10.19 min Scan# 813

Delta R.T. -0.00 min

Lab File: BN007143.D

Acq: 13 Aug 2019 21:55

Tgt Ion: 136 Resp: 39465

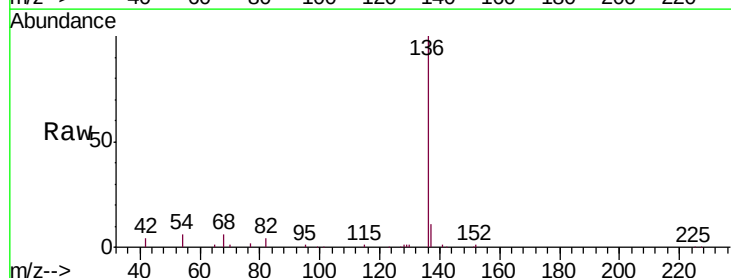
Ion Ratio Lower Upper

136 100

137 11.3 9.4 14.0

54 6.0 6.6 9.8#

68 5.6 6.0 9.0#

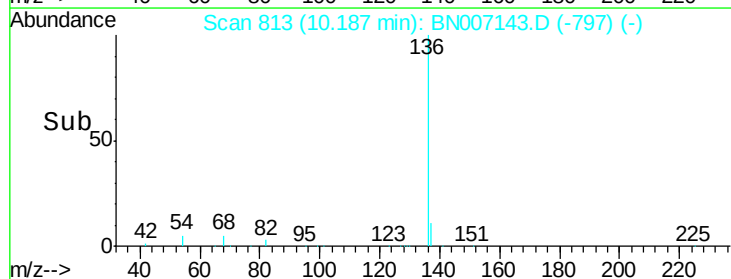
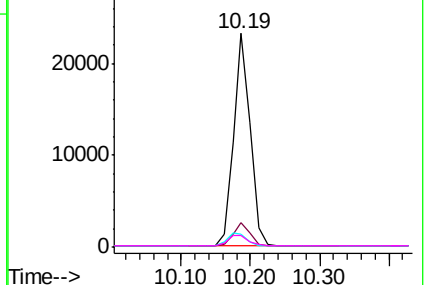


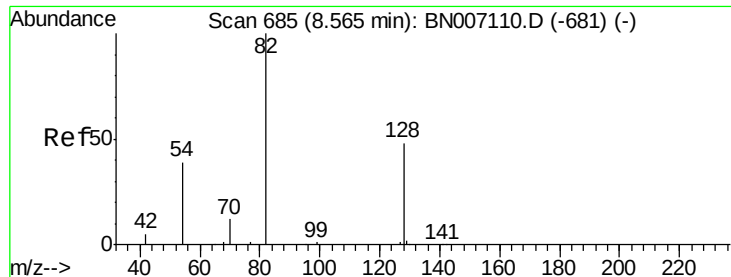
Abundance Ion 136.00 (135.70 to 136.70): BN007110.D (-806) (-)

Ion 137.00 (136.70 to 137.70): BN007110.D (-806) (-)

Ion 54.00 (53.70 to 54.70): BN007110.D (-806) (-)

Ion 68.00 (67.70 to 68.70): BN007110.D (-806) (-)





#7

Nitrobenzene-d5

Concen: 0.295 ng

RT: 8.56 min Scan# 685

Delta R.T. -0.00 min

Lab File: BN007143.D

Acq: 13 Aug 2019 21:55

Instrument :

BNA_N

ClientSampleId :

PB122017BL

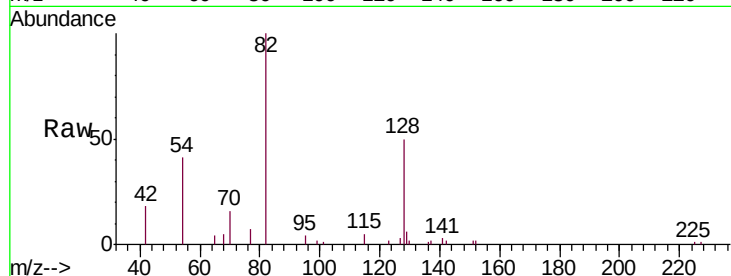
Tgt Ion: 82 Resp: 9379

Ion Ratio Lower Upper

82 100

128 50.3 34.6 51.8

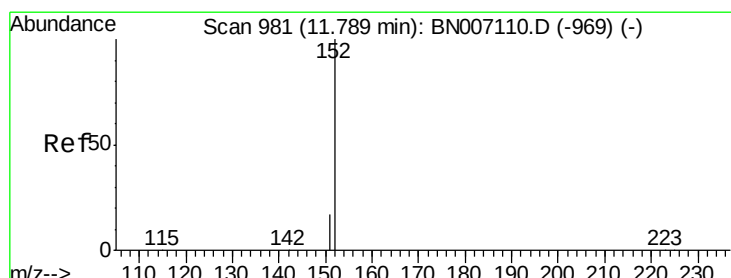
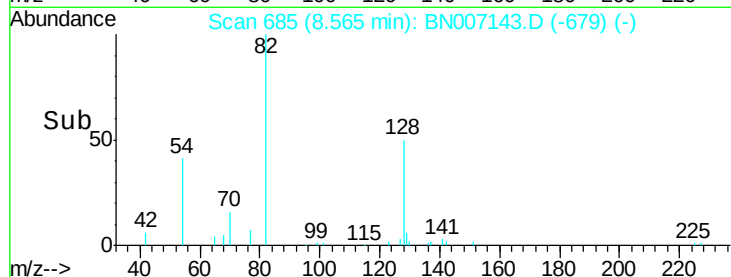
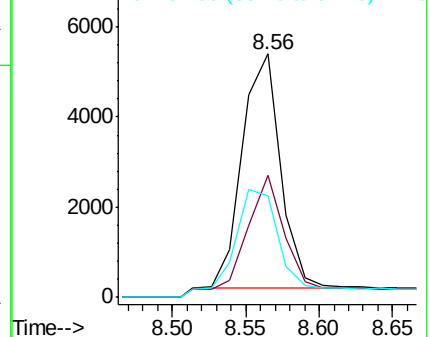
54 41.5 36.2 54.4



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



#10

2-Methylnaphthalene-d10

Concen: 0.293 ng

RT: 11.79 min Scan# 981

Delta R.T. -0.00 min

Lab File: BN007143.D

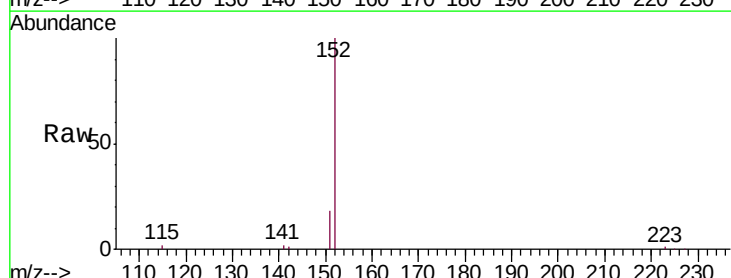
Acq: 13 Aug 2019 21:55

Tgt Ion: 152 Resp: 21542

Ion Ratio Lower Upper

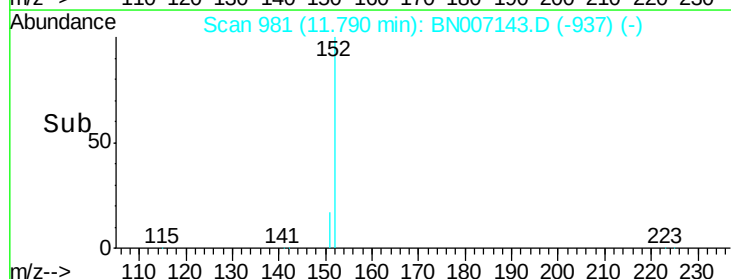
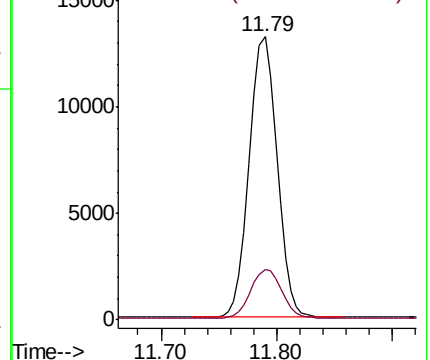
152 100

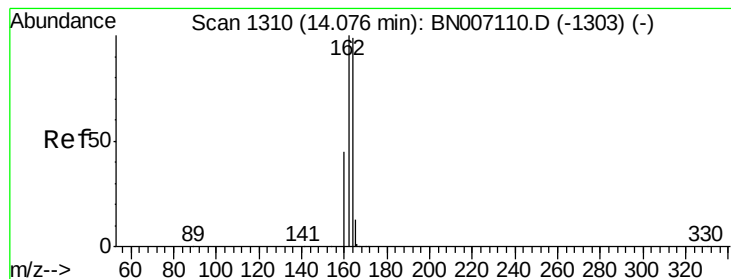
151 19.4 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): BNC

Ion 151.00 (150.70 to 151.70): BNC





#12

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.08 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BN007143.D

Acq: 13 Aug 2019 21:55

Instrument :

BNA_N

ClientSampleId :

PB122017BL

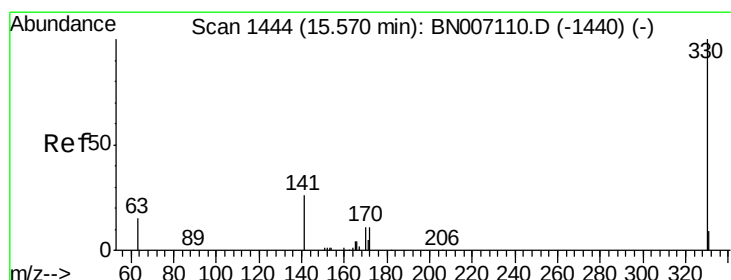
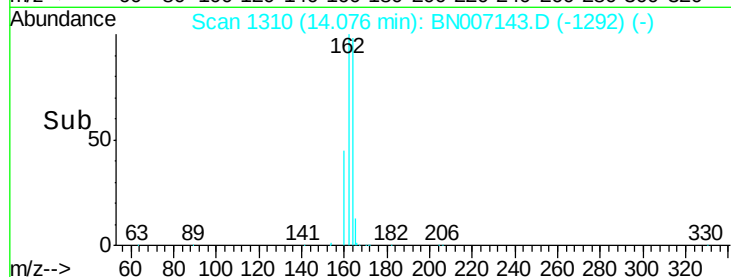
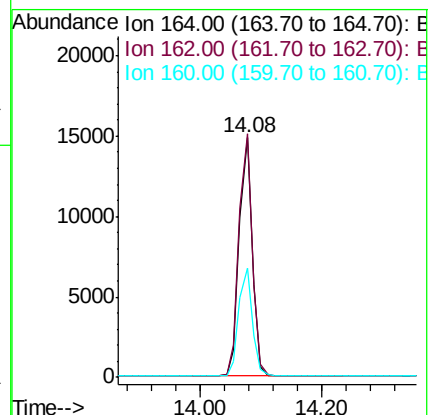
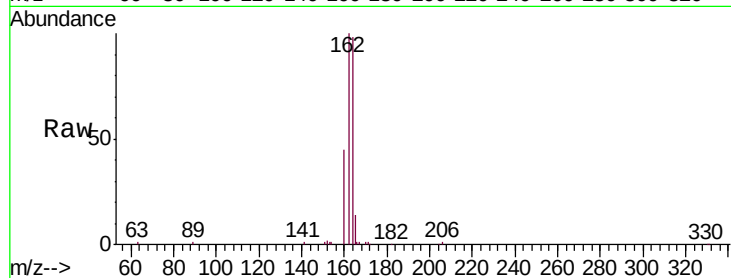
Tgt Ion:164 Resp: 22040

Ion Ratio Lower Upper

164 100

162 101.6 82.2 123.4

160 45.8 38.3 57.5



#13

2,4,6-Tribromophenol

Concen: 0.197 ng

RT: 15.57 min Scan# 1444

Delta R.T. -0.00 min

Lab File: BN007143.D

Acq: 13 Aug 2019 21:55

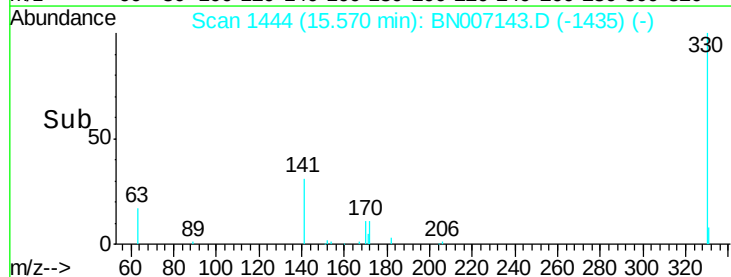
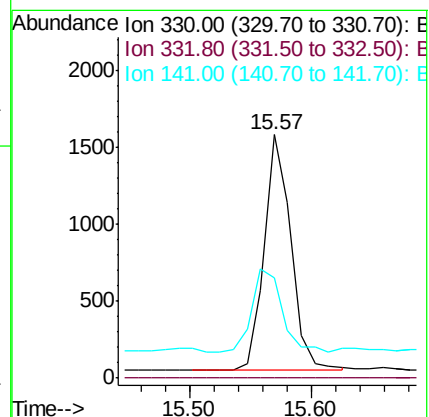
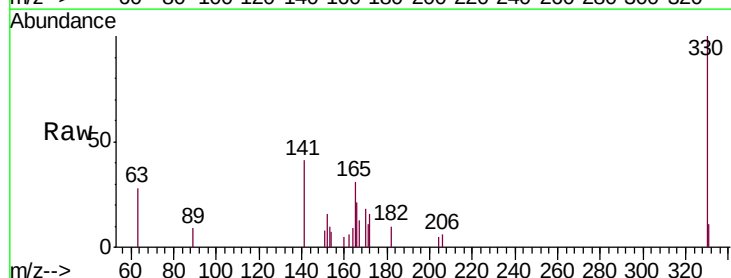
Tgt Ion:330 Resp: 2340

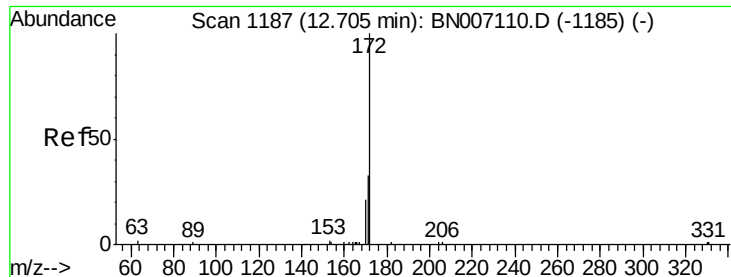
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 40.8 33.6 50.4

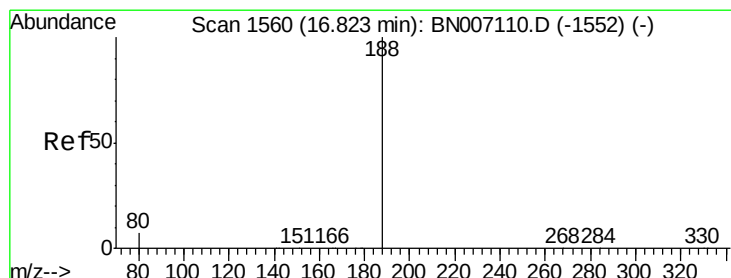
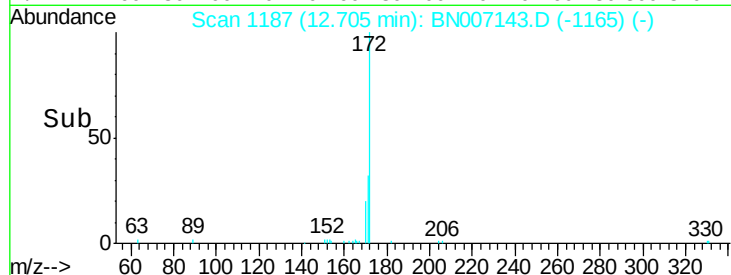
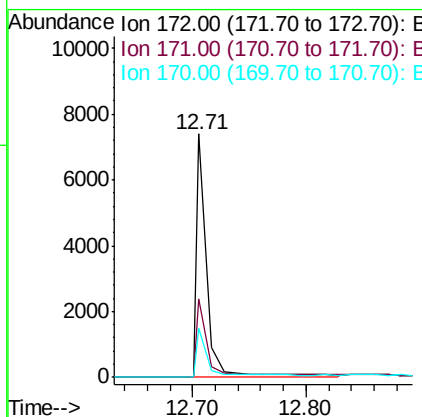
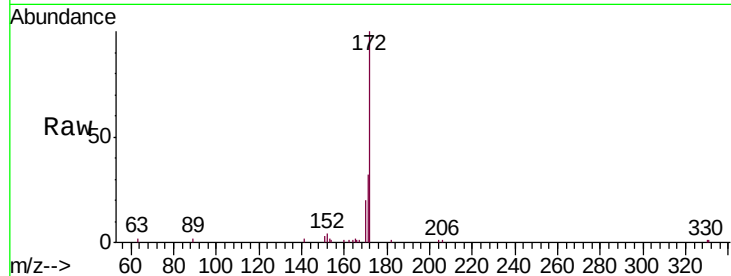




#14
2-Fluorobiphenyl
Concen: 0.176 ng
RT: 12.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN007143.D
Acq: 13 Aug 2019 21:55

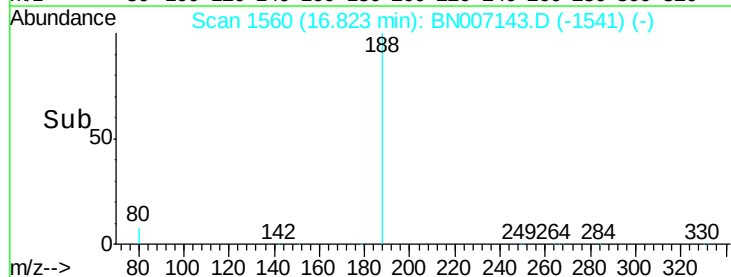
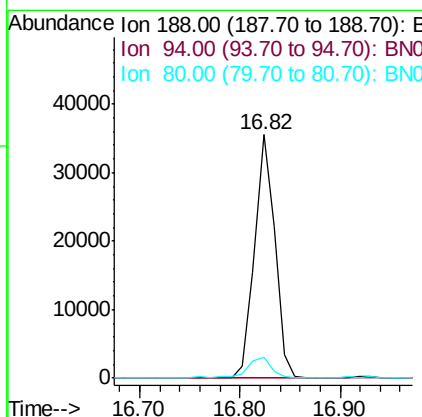
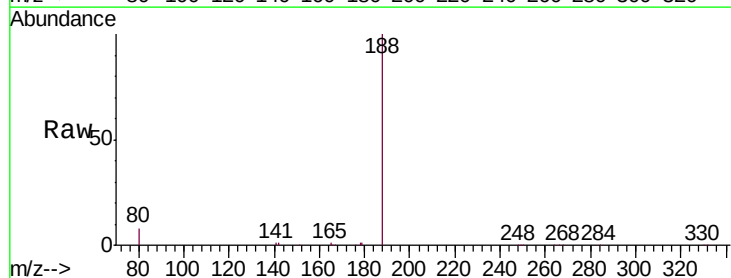
Instrument :
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ClientSampleId :
PB122017BL

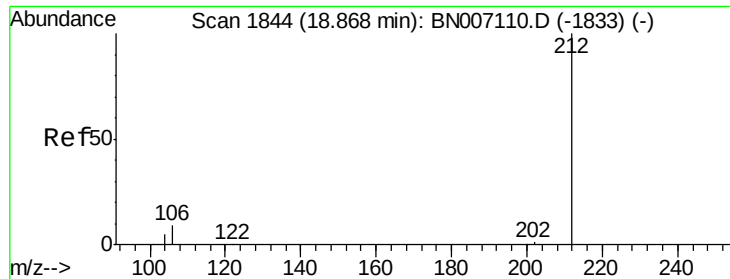
Tgt Ion:172 Resp: 5624
Ion Ratio Lower Upper
172 100
171 32.5 26.3 39.5
170 20.0 17.0 25.4



#18
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.82 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN007143.D
Acq: 13 Aug 2019 21:55

Tgt Ion:188 Resp: 50034
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.3 7.8 11.6





#24

Fluoranthene-d10

Concen: 0.288 ng

RT: 18.87 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BN007143.D

Acq: 13 Aug 2019 21:55

Instrument :

BNA_N

ClientSampleId :

PB122017BL

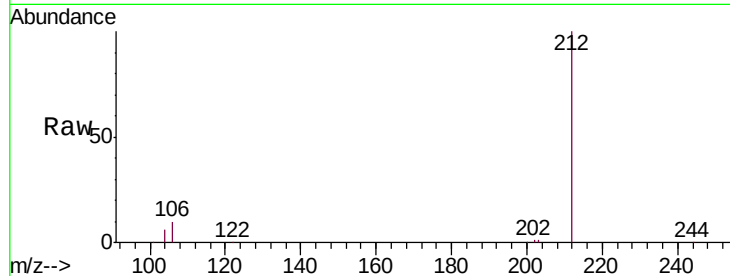
Tgt Ion:212 Resp: 51174

Ion Ratio Lower Upper

212 100

106 10.4 8.2 12.2

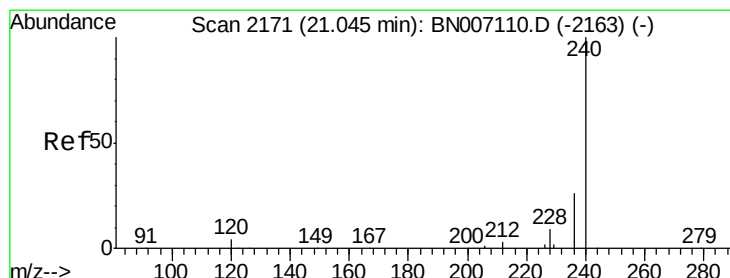
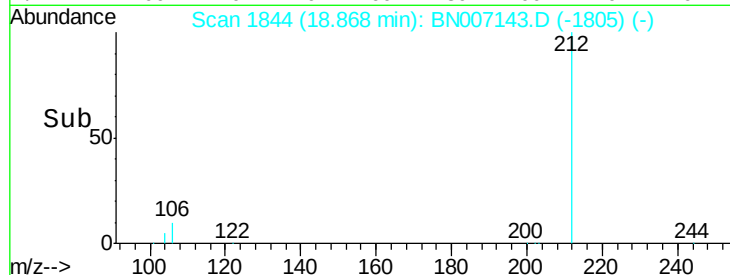
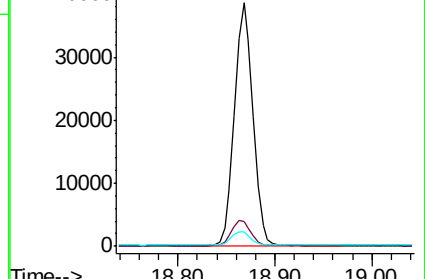
104 5.8 4.5 6.7



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



#26

Chrysene-d12

Concen: 0.400 ng

RT: 21.05 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BN007143.D

Acq: 13 Aug 2019 21:55

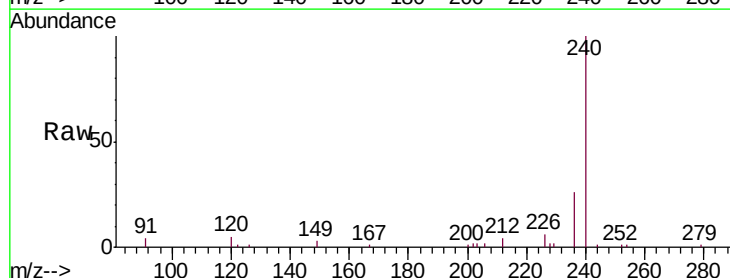
Tgt Ion:240 Resp: 48198

Ion Ratio Lower Upper

240 100

120 5.4 4.0 6.0

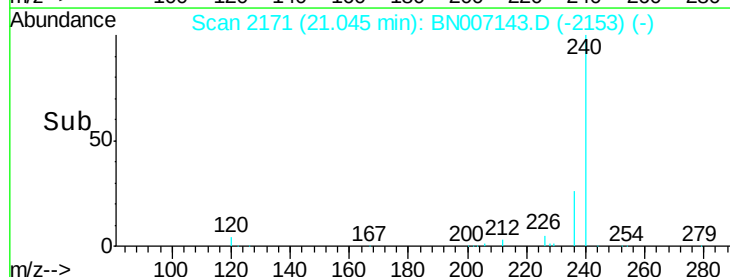
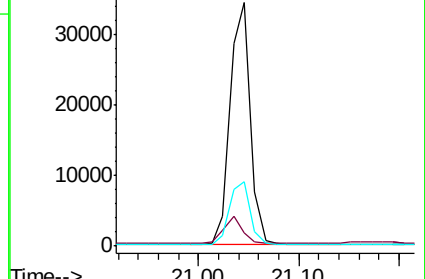
236 26.5 21.3 31.9

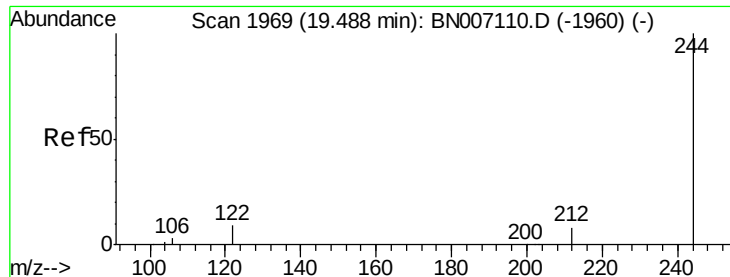


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Terphenyl-d14

Concen: 0.305 ng

RT: 19.49 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BN007143.D

Acq: 13 Aug 2019 21:55

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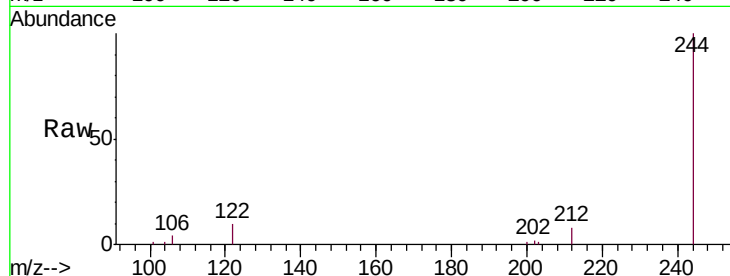
Tgt Ion:244 Resp: 40034

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

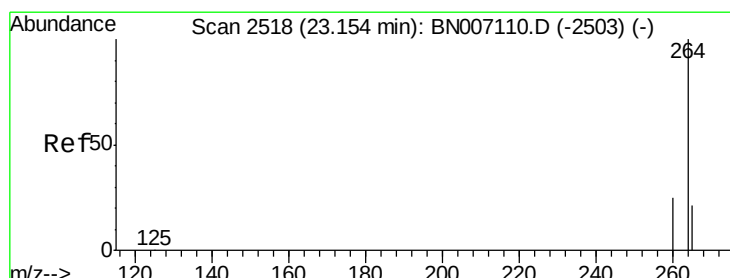
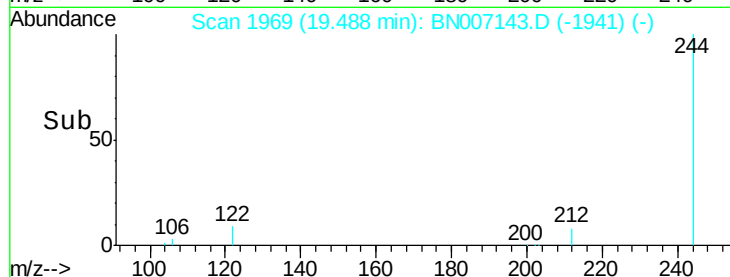
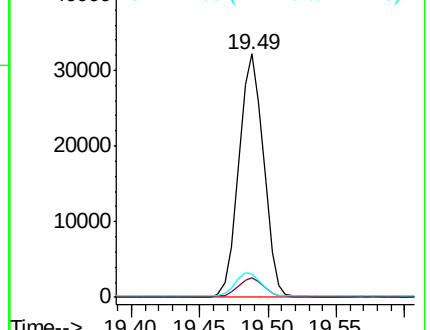
122 9.8 7.4 11.2



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



#32

Perylene-d12

Concen: 0.400 ng

RT: 23.16 min Scan# 2519

Delta R.T. -0.01 min

Lab File: BN007143.D

Acq: 13 Aug 2019 21:55

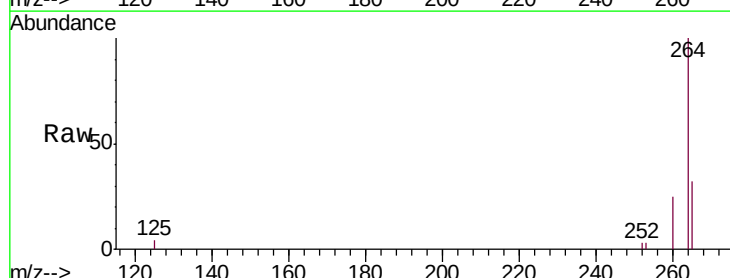
Tgt Ion:264 Resp: 53495

Ion Ratio Lower Upper

264 100

260 25.2 19.8 29.8

265 32.4 26.2 39.4



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

