

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081019\
 Data File : BN007077.D
 Acq On : 11 Aug 2019 09:12
 Operator : HP/JU
 Sample : K4143-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PST-006-SW125-073019-1

Quant Time: Aug 12 04:42:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 10 21:44:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	9693	0.40	ng	0.00
6) Naphthalene-d8	10.19	136	36809	0.40	ng	0.00
12) Acenaphthene-d10	14.08	164	21207	0.40	ng	0.00
18) Phenanthrene-d10	16.82	188	52200	0.40	ng	0.00
26) Chrysene-d12	21.04	240	52993	0.40	ng	-0.01
32) Perylene-d12	23.16	264	58114	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2-Fluorophenol	5.06	112	4521	0.19	ng	0.00
4) Phenol-d6	6.61	99	6184	0.21	ng	0.00
7) Nitrobenzene-d5	8.56	82	4752	0.16	ng	0.00
10) 2-Methylnaphthalene-d10	11.79	152	11289	0.16	ng	0.00
13) 2,4,6-Tribromophenol	15.57	330	788	0.07	ng	0.00
14) 2-Fluorobiphenyl	12.71	172	3759	0.12	ng	0.00
24) Fluoranthene-d10	18.87	212	28653	0.15	ng	0.00
28) Terphenyl-d14	19.49	244	21223	0.15	ng	-0.01

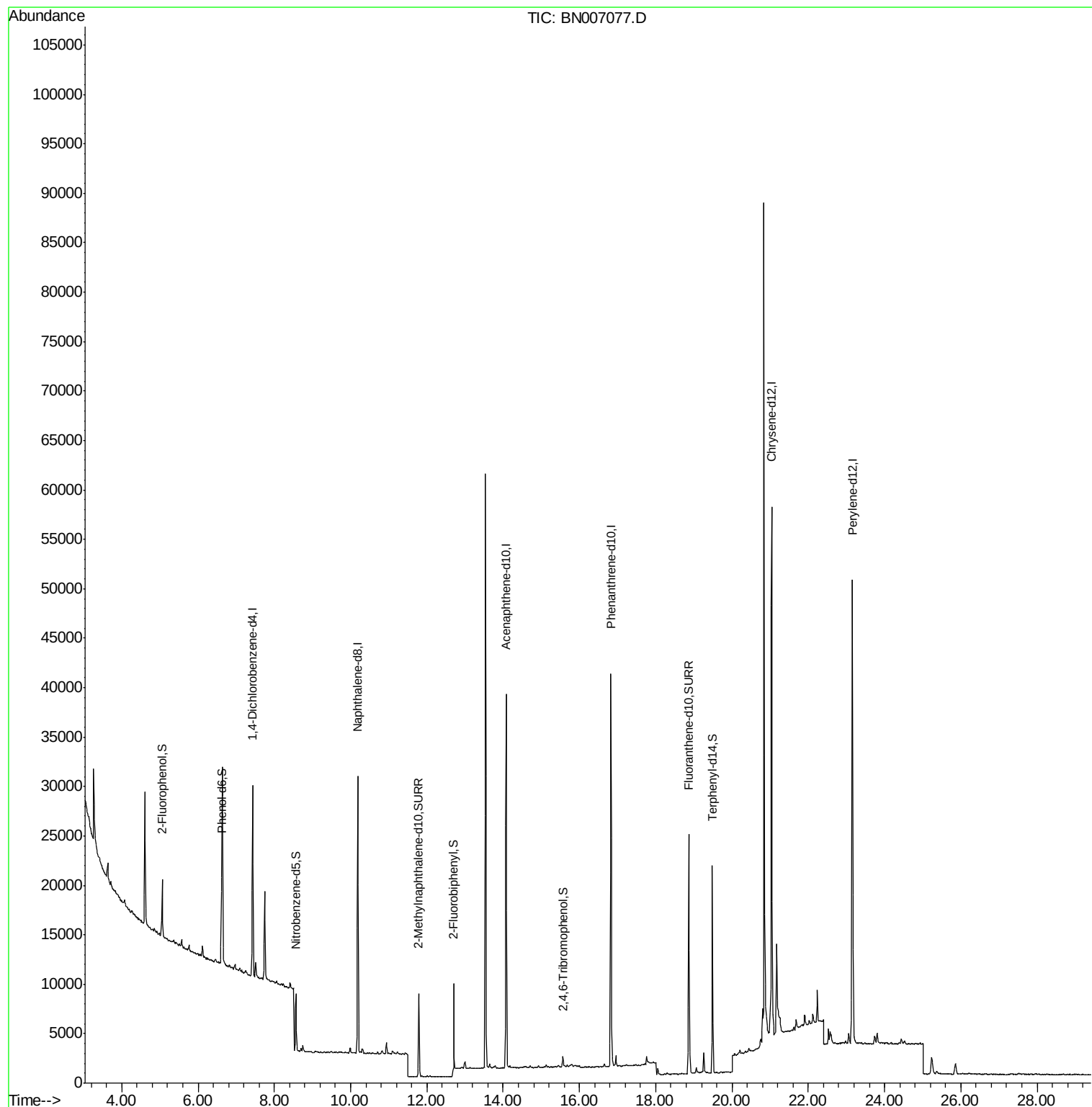
Target Compounds	Qvalue
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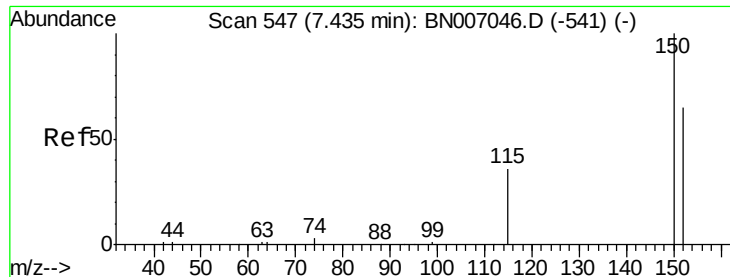
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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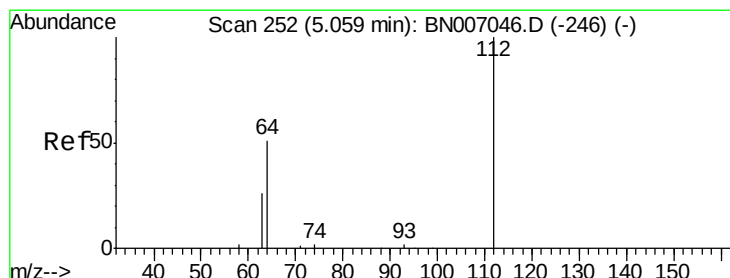
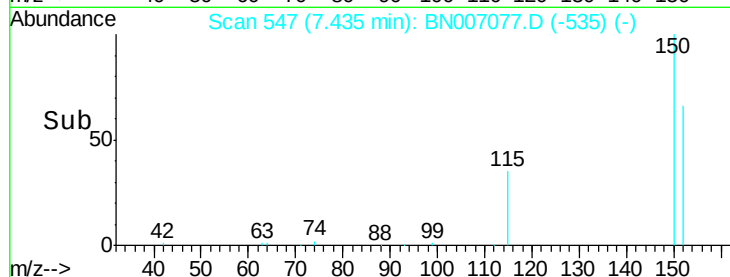
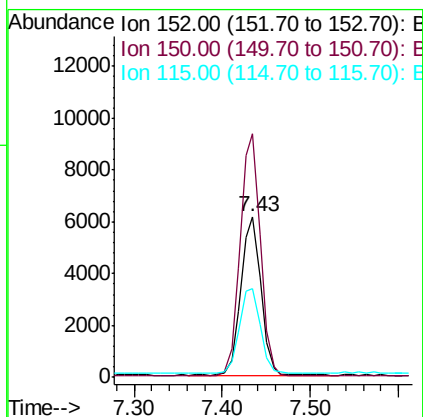
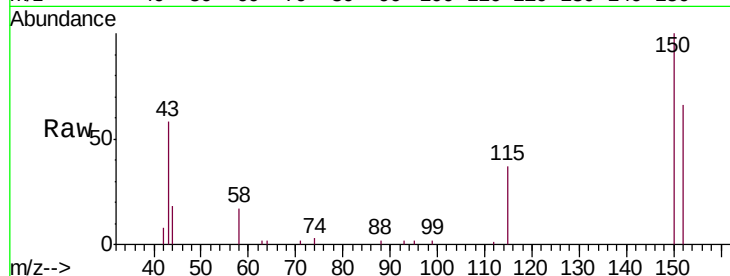


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 547
Delta R.T. -0.00 min
Lab File: BN007077.D
Acq: 11 Aug 2019 09:12

Instrument :
BNA_N
ClientSampleId :
PST-006-SW125-073019-1

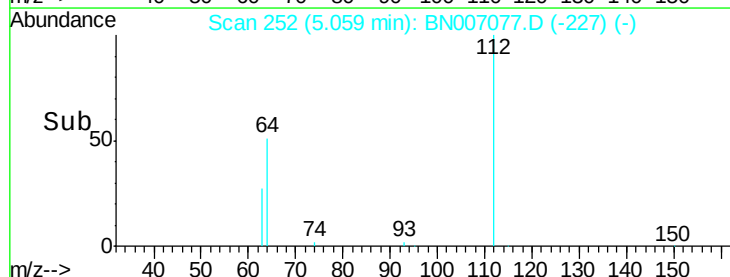
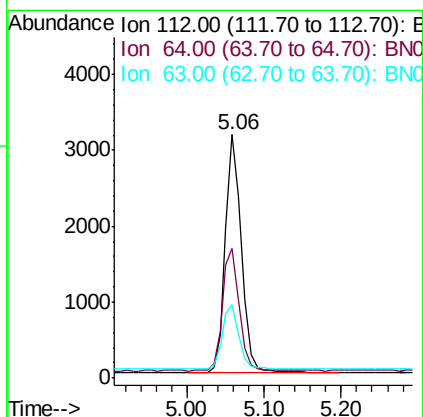
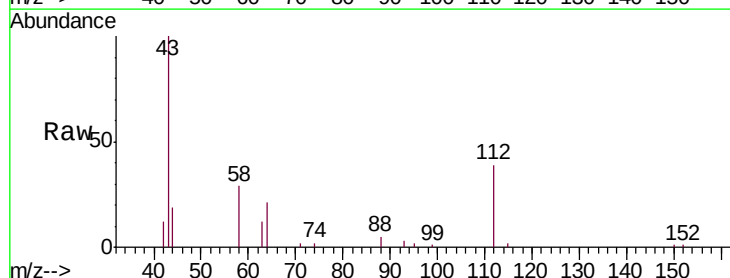
Tgt Ion:152 Resp: 9693
Ion Ratio Lower Upper
152 100
150 151.2 121.7 182.5
115 55.4 46.2 69.4

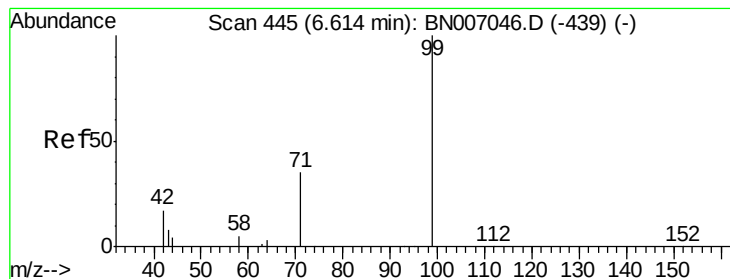


#3

2-Fluorophenol
Concen: 0.194 ng
RT: 5.06 min Scan# 252
Delta R.T. -0.00 min
Lab File: BN007077.D
Acq: 11 Aug 2019 09:12

Tgt Ion:112 Resp: 4521
Ion Ratio Lower Upper
112 100
64 53.9 42.6 63.8
63 27.9 22.2 33.2





#4

Phenol-d6

Concen: 0.214 ng

RT: 6.61 min Scan# 445

Delta R.T. -0.00 min

Lab File: BN007077.D

Acq: 11 Aug 2019 09:12

Instrument :

BNA_N

ClientSampleId :

PST-006-SW125-073019-1

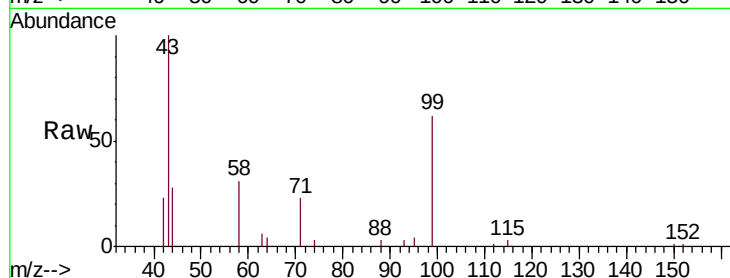
Tgt Ion: 99 Resp: 6184

Ion Ratio Lower Upper

99 100

42 0.0 15.8 23.6#

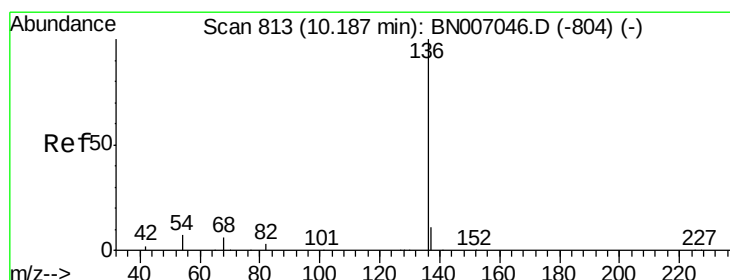
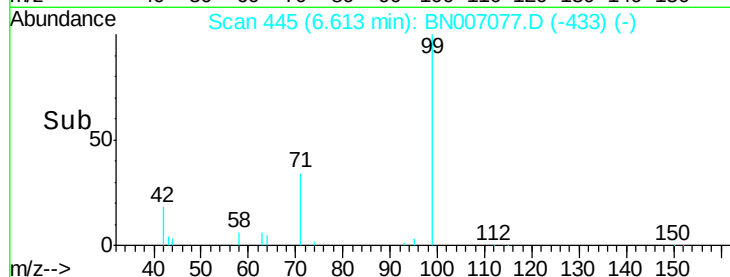
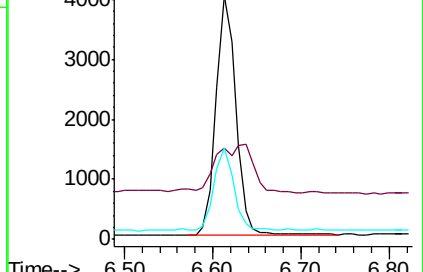
71 34.0 27.0 40.4



Abundance Ion 99.00 (98.70 to 99.70): BN007046.D (-439) (-)

Ion 42.00 (41.70 to 42.70): BN007046.D (-439) (-)

Ion 71.00 (70.70 to 71.70): BN007046.D (-439) (-)



#6

Naphthalene-d8

Concen: 0.400 ng

RT: 10.19 min Scan# 813

Delta R.T. -0.00 min

Lab File: BN007077.D

Acq: 11 Aug 2019 09:12

Tgt Ion: 136 Resp: 36809

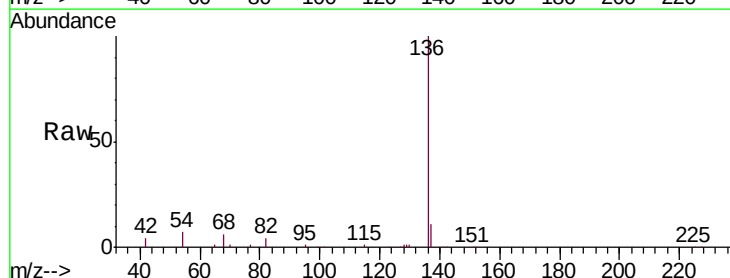
Ion Ratio Lower Upper

136 100

137 11.3 9.4 14.0

54 6.8 6.6 9.8

68 6.1 6.0 9.0

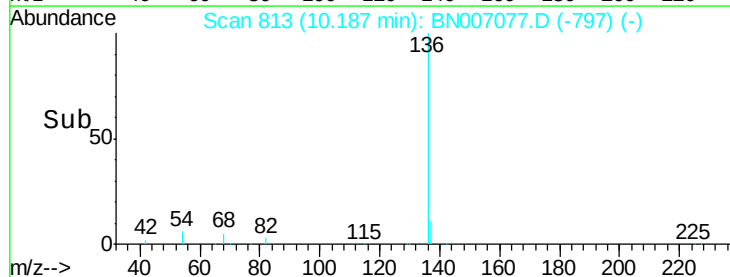
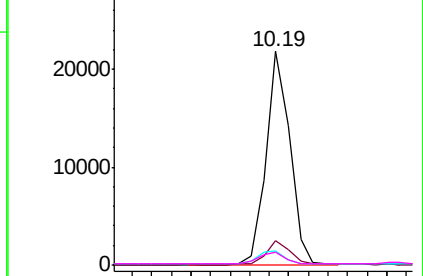


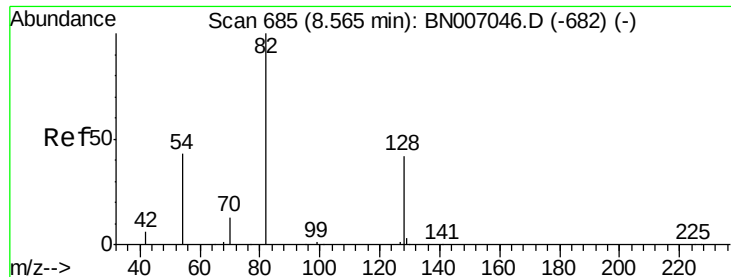
Abundance Ion 136.00 (135.70 to 136.70): BN007046.D (-804) (-)

Ion 137.00 (136.70 to 137.70): BN007046.D (-804) (-)

Ion 54.00 (53.70 to 54.70): BN007046.D (-804) (-)

Ion 68.00 (67.70 to 68.70): BN007046.D (-804) (-)





#7

Nitrobenzene-d5

Concen: 0.160 ng

RT: 8.56 min Scan# 685

Delta R.T. -0.00 min

Lab File: BN007077.D

Acq: 11 Aug 2019 09:12

Instrument :

BNA_N

ClientSampleId :

PST-006-SW125-073019-1

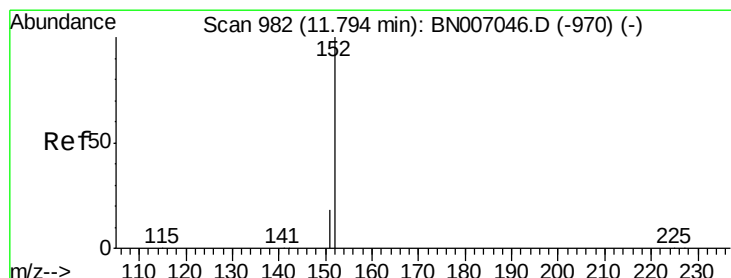
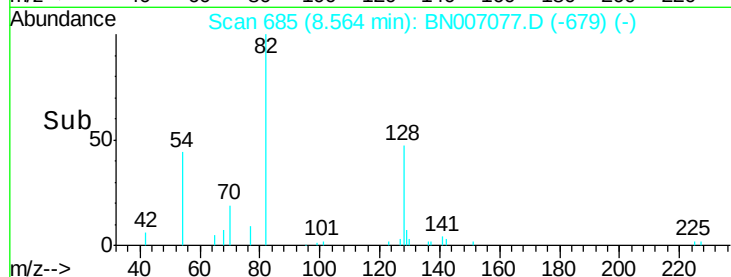
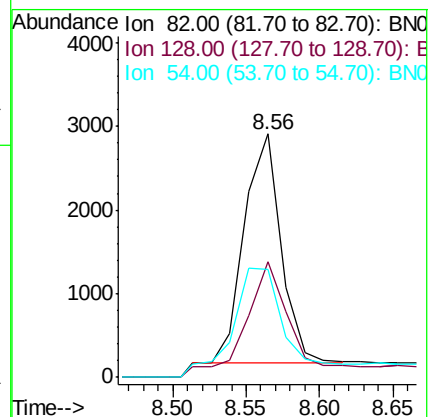
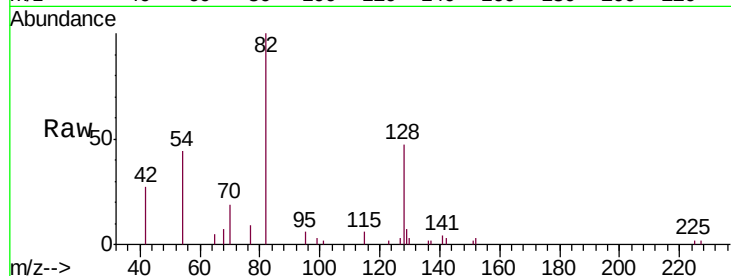
Tgt Ion: 82 Resp: 4752

Ion Ratio Lower Upper

82 100

128 47.4 34.6 51.8

54 44.3 36.2 54.4



#10

2-Methylnaphthalene-d10

Concen: 0.164 ng

RT: 11.79 min Scan# 981

Delta R.T. -0.00 min

Lab File: BN007077.D

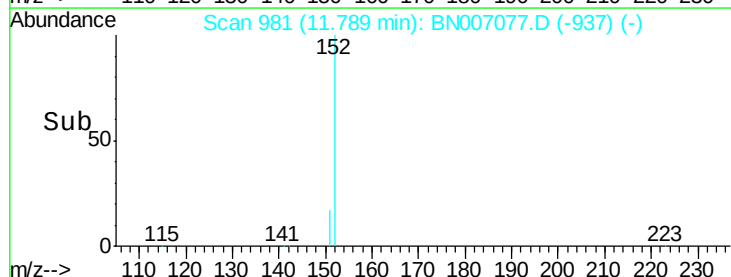
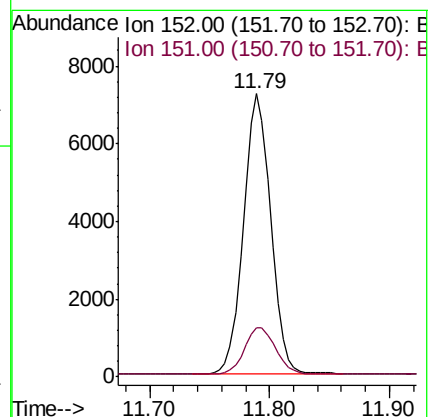
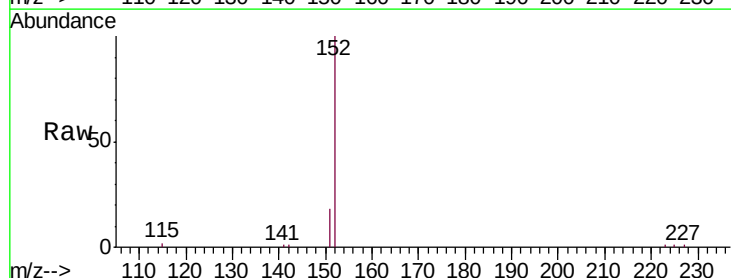
Acq: 11 Aug 2019 09:12

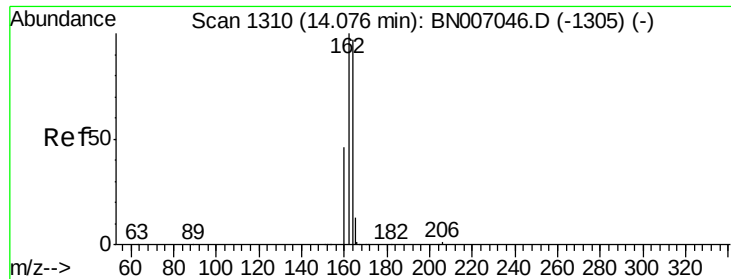
Tgt Ion: 152 Resp: 11289

Ion Ratio Lower Upper

152 100

151 19.3 15.5 23.3





#12

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.08 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BN007077.D

Acq: 11 Aug 2019 09:12

Instrument :

BNA_N

ClientSampleId :

PST-006-SW125-073019-1

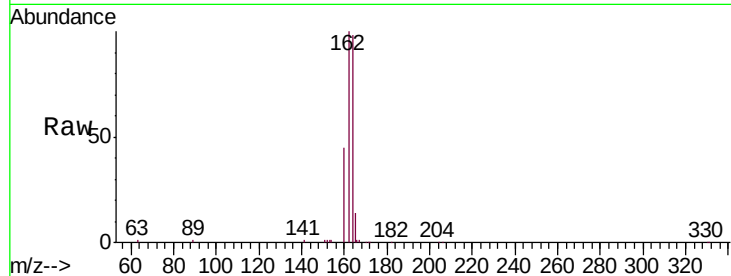
Tgt Ion:164 Resp: 21207

Ion Ratio Lower Upper

164 100

162 101.5 82.2 123.4

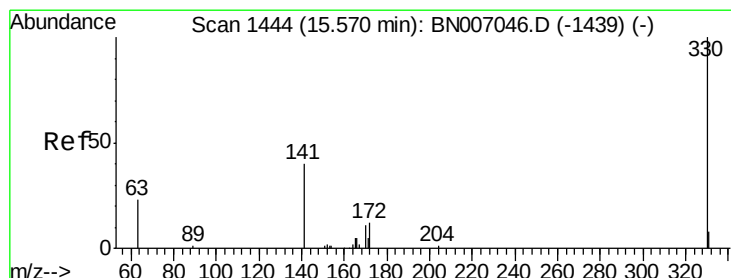
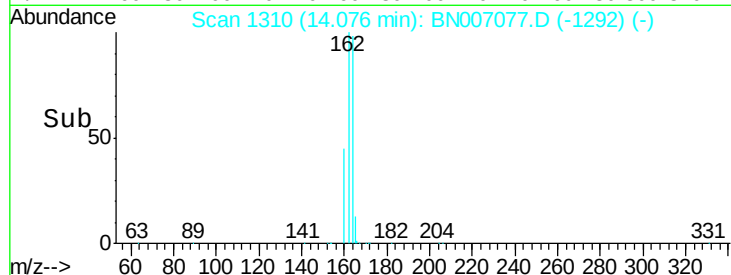
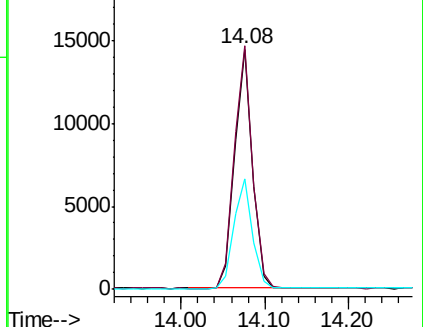
160 46.1 38.3 57.5



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



#13

2,4,6-Tribromophenol

Concen: 0.069 ng

RT: 15.57 min Scan# 1444

Delta R.T. -0.00 min

Lab File: BN007077.D

Acq: 11 Aug 2019 09:12

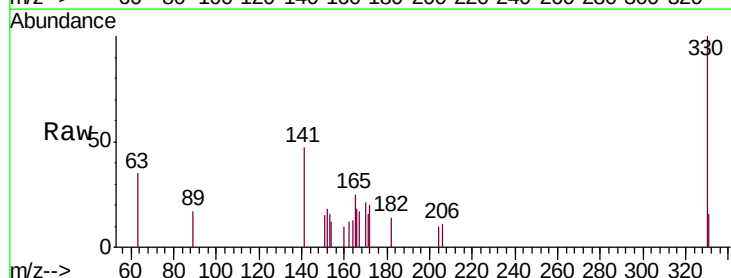
Tgt Ion:330 Resp: 788

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

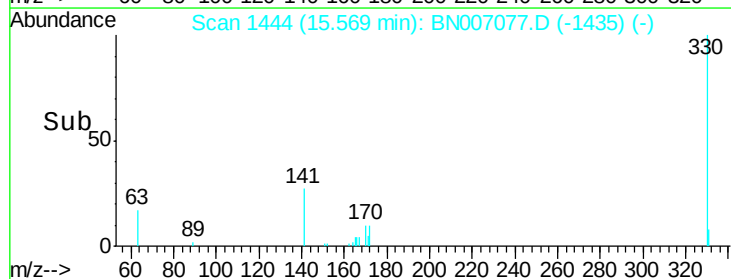
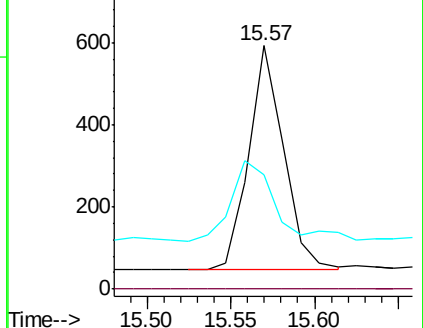
141 45.6 33.6 50.4

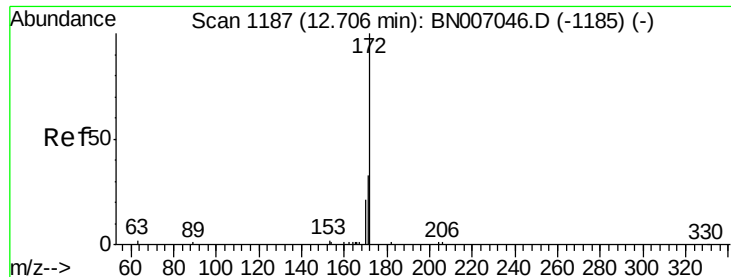


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

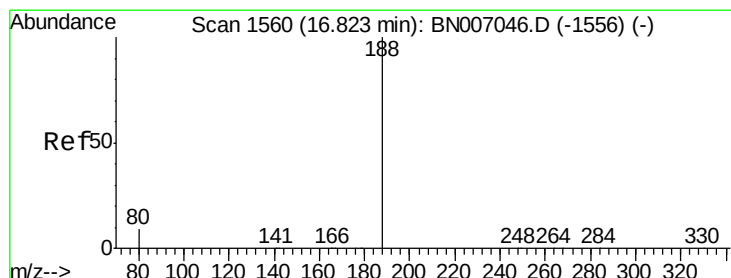
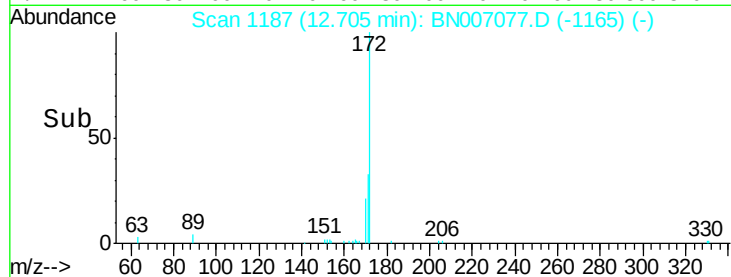
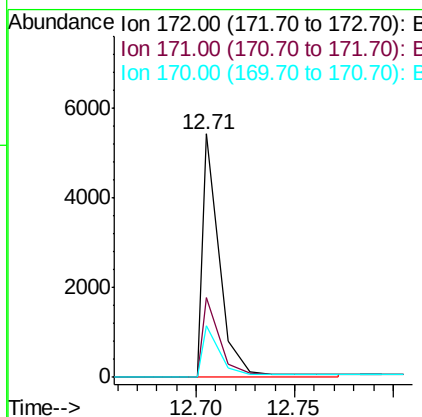
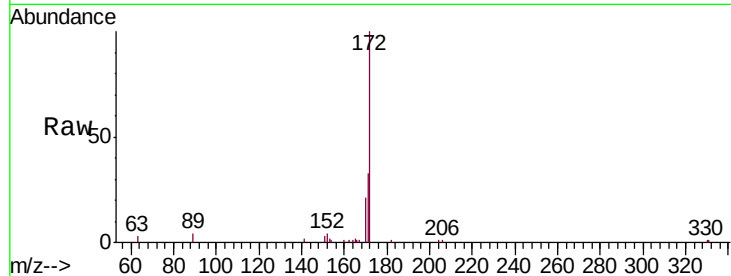




#14
 2-Fluorobiphenyl
 Concen: 0.122 ng
 RT: 12.71 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BN007077.D
 Acq: 11 Aug 2019 09:12

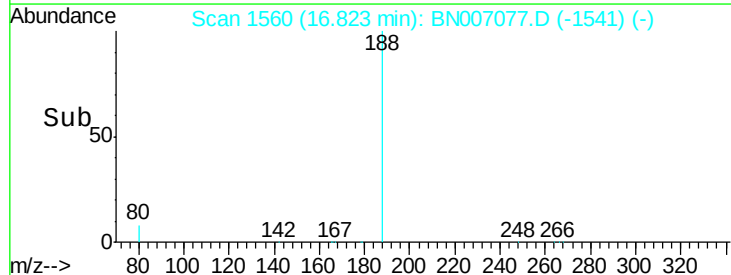
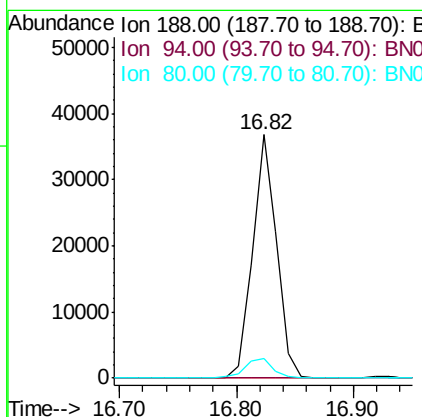
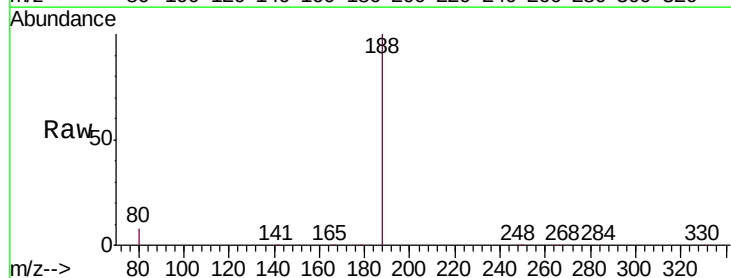
Instrument :
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 PST-006-SW125-073019-1

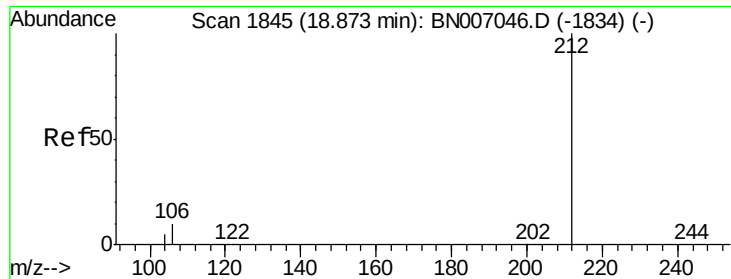
Tgt Ion:172 Resp: 3759
 Ion Ratio Lower Upper
 172 100
 171 32.8 26.3 39.5
 170 21.0 17.0 25.4



#18
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.82 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: BN007077.D
 Acq: 11 Aug 2019 09:12

Tgt Ion:188 Resp: 52200
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 8.1 7.8 11.6





#24

Fluoranthene-d10

Concen: 0.155 ng

RT: 18.87 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BN007077.D

Acq: 11 Aug 2019 09:12

Instrument :

BNA_N

ClientSampleId :

PST-006-SW125-073019-1

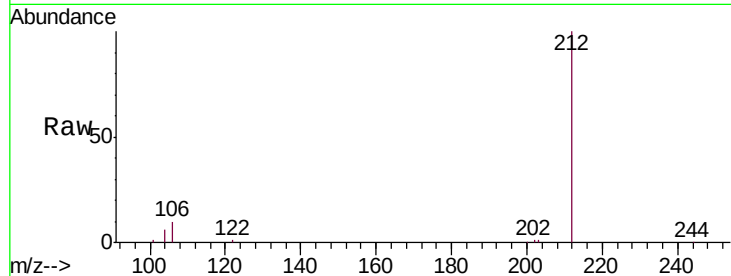
Tgt Ion:212 Resp: 28653

Ion Ratio Lower Upper

212 100

106 10.1 8.2 12.2

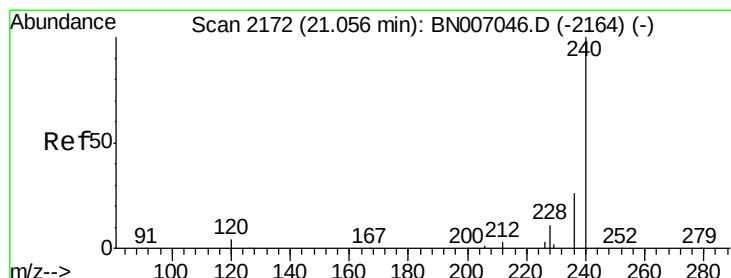
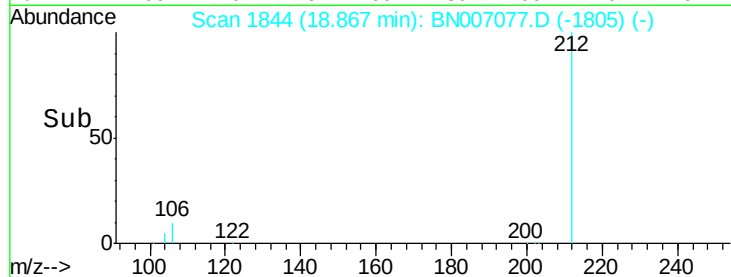
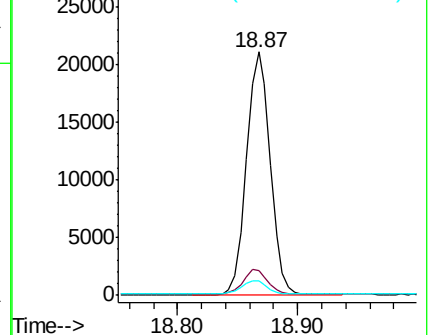
104 5.6 4.5 6.7



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: 21.04 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BN007077.D

Acq: 11 Aug 2019 09:12

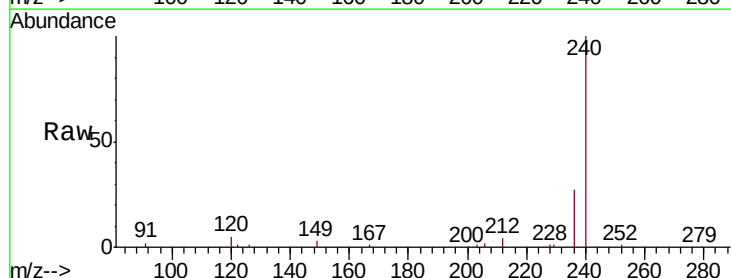
Tgt Ion:240 Resp: 52993

Ion Ratio Lower Upper

240 100

120 5.0 4.0 6.0

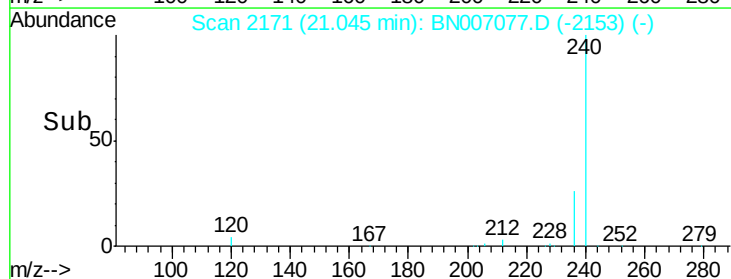
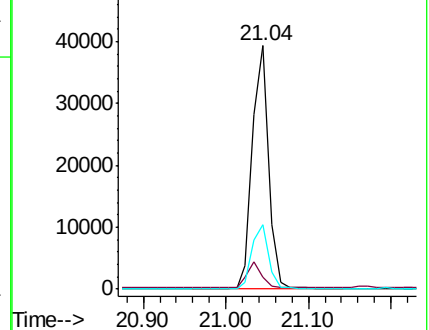
236 26.5 21.3 31.9

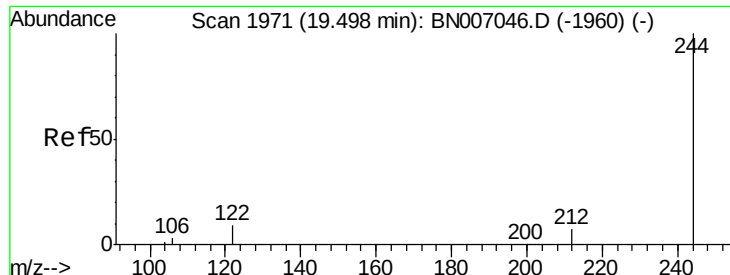


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Terphenyl-d14

Concen: 0.147 ng

RT: 19.49 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BN007077.D

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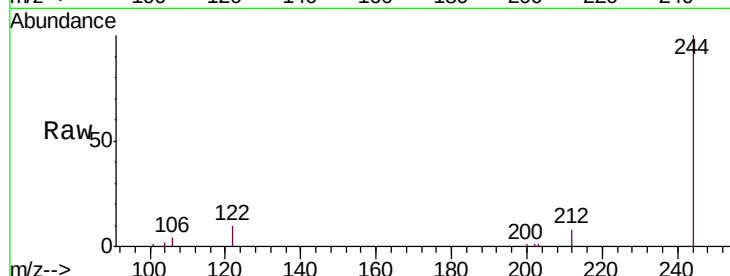
Tgt Ion:244 Resp: 21223

Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.2

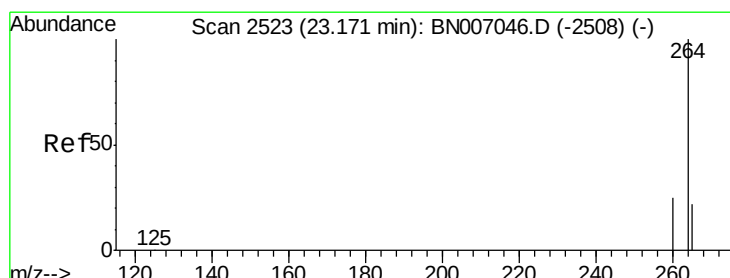
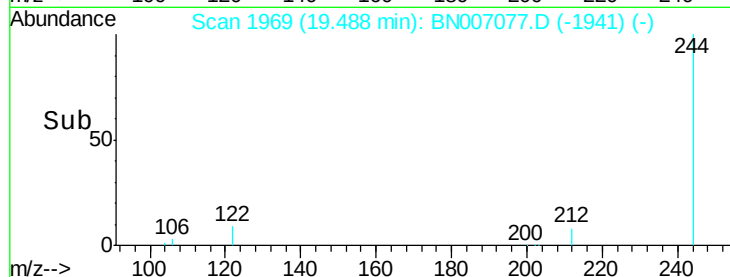
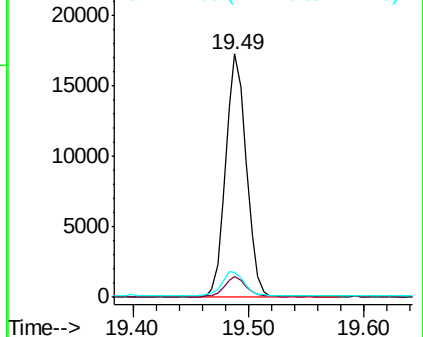
122 10.2 7.4 11.2



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: BN007077.D

Acq: 11 Aug 2019 09:12

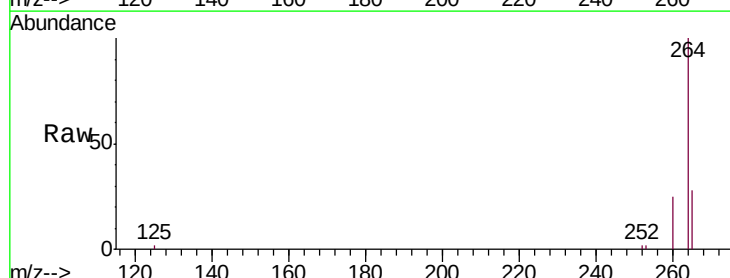
Tgt Ion:264 Resp: 58114

Ion Ratio Lower Upper

264 100

260 25.1 19.8 29.8

265 28.4 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

