

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012120\
 Data File : BN009408.D
 Acq On : 21 Jan 2020 11:05
 Operator : JU
 Sample : PB125982BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB125982BL

Quant Time: Jan 21 16:08:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 14 09:33:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	1333	0.40	ng	0.00
7) Naphthalene-d8	10.23	136	4366	0.40	ng	0.00
13) Acenaphthene-d10	14.10	164	2891	0.40	ng	0.00
19) Phenanthrene-d10	16.86	188	6577	0.40	ng	0.00
27) Chrysene-d12	21.07	240	6043	0.40	ng	0.00
34) Perylene-d12	23.18	264	6227	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.12	112	913	0.30	ng	0.00
5) Phenol-d6	6.69	99	1062	0.30	ng	0.00
8) Nitrobenzene-d5	8.64	82	962	0.28	ng	0.01
11) 2-Methylnaphthalene-d10	11.83	152	2267	0.27	ng	0.00
14) 2,4,6-Tribromophenol	15.62	330	250	0.23	ng	0.00
15) 2-Fluorobiphenyl	12.73	172	3421	0.32	ng	0.00
25) Fluoranthene-d10	18.90	212	6285	0.28	ng	0.00
29) Terphenyl-d14	19.51	244	4632	0.32	ng	0.00

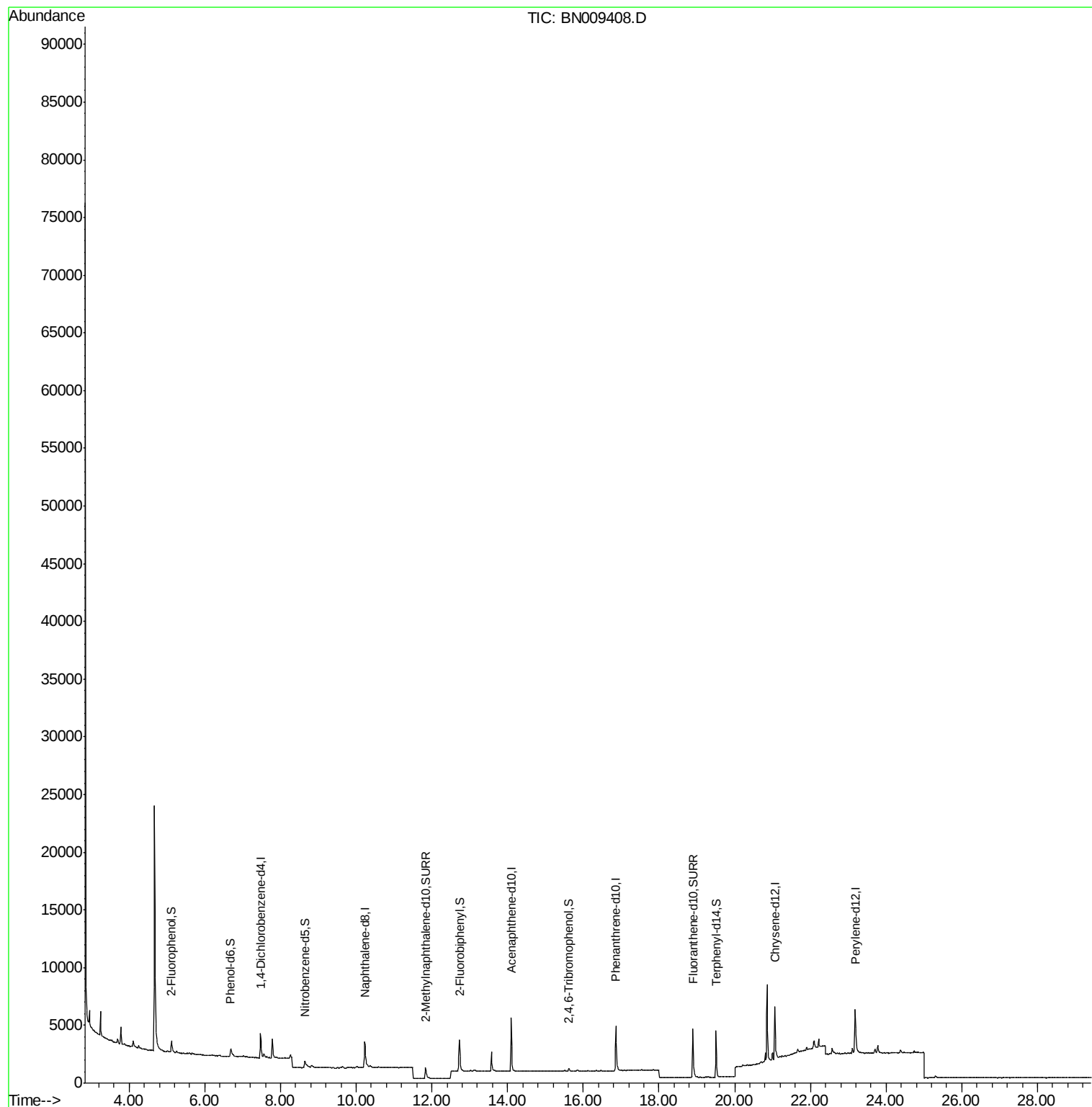
Target Compounds	Qvalue
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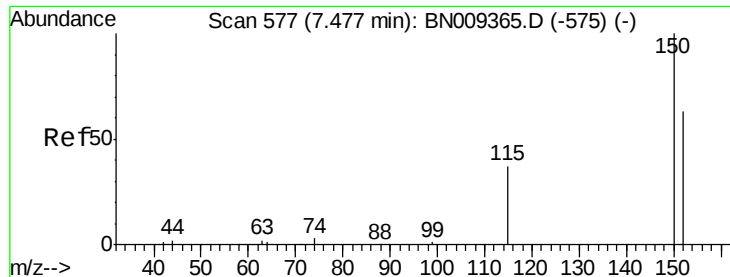
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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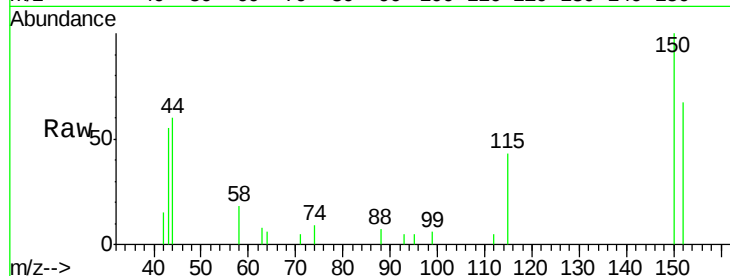


#1

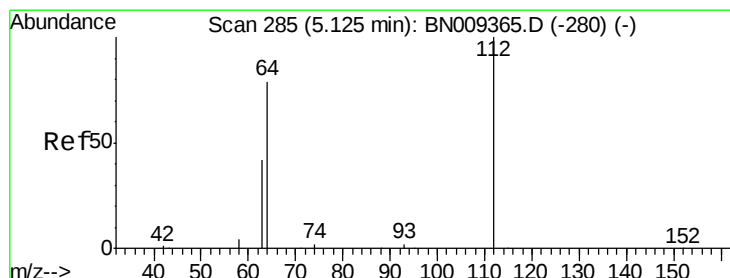
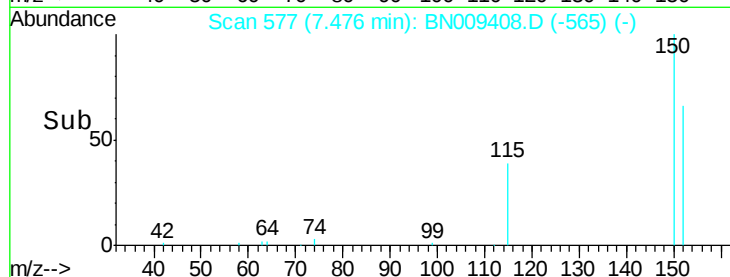
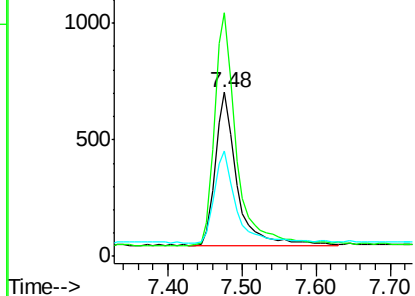
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BN009408.D
Acq: 21 Jan 2020 11:05

Instrument :
BNA_N
ClientSampleId :
PB125982BL

Tot Ion:152 Resp: 1333
Ion Ratio Lower Upper
152 100
150 148.5 125.7 188.5
115 64.0 53.3 79.9



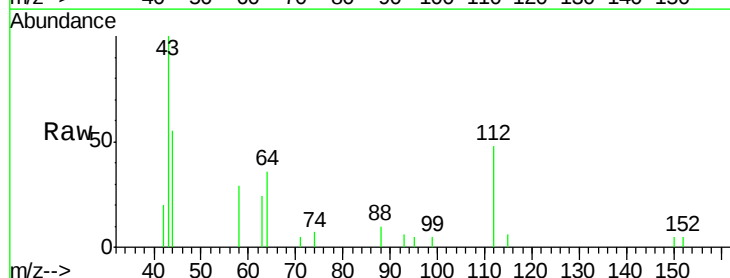
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



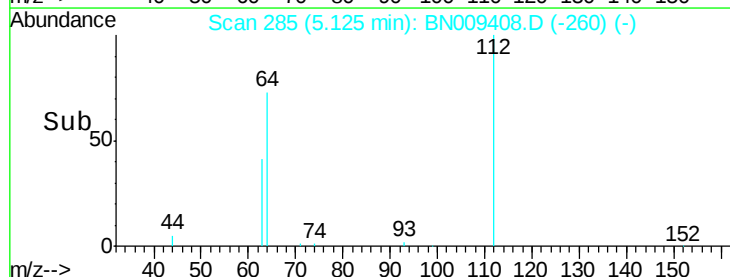
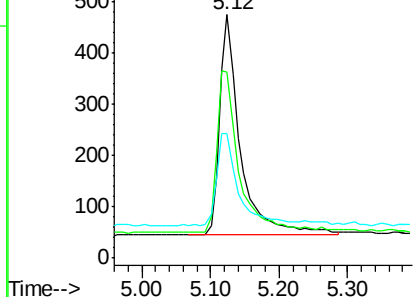
#4

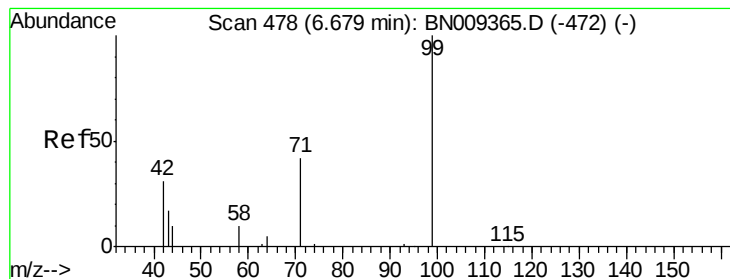
2-Fluorophenol
Concen: 0.298 ng
RT: 5.12 min Scan# 285
Delta R.T. -0.00 min
Lab File: BN009408.D
Acq: 21 Jan 2020 11:05

Tgt Ion:112 Resp: 913
Ion Ratio Lower Upper
112 100
64 78.9 61.5 92.3
63 43.9 35.0 52.4



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: 0.299 ng

RT: 6.69 min Scan# 479

Delta R.T. 0.01 min

Lab File: BN009408.D

Acq: 21 Jan 2020 11:05

Instrument :

BNA_N

ClientSampleId :

PB125982BL

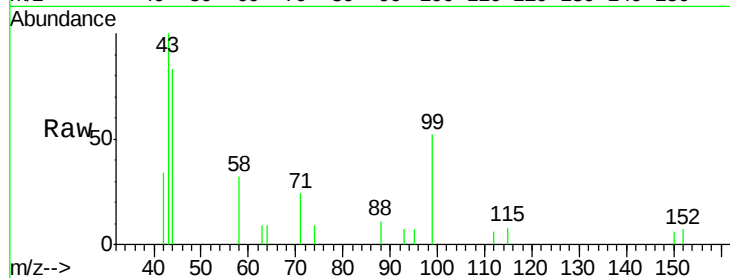
Tot Ion: 99 Resp: 1062

Ion Ratio Lower Upper

99 100

42 39.7 27.6 41.4

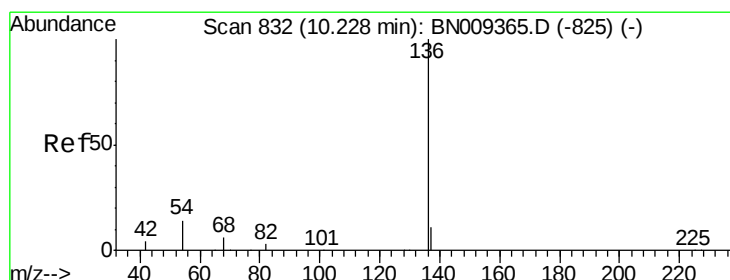
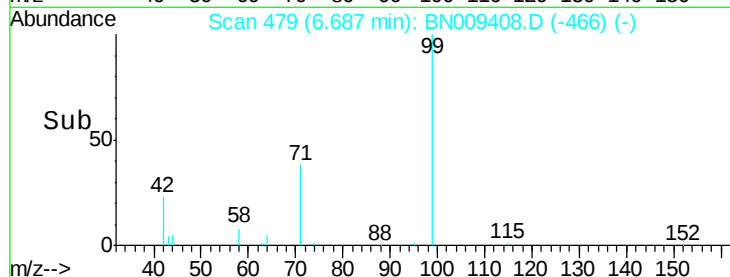
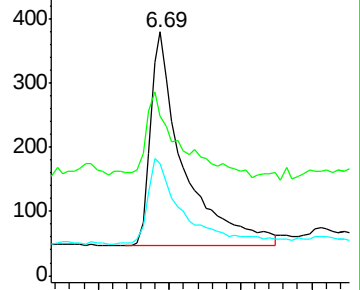
71 42.3 33.0 49.6



Abundance Ion 99.00 (98.70 to 99.70): BN009365.D (-472) (-)

Ion 42.00 (41.70 to 42.70): BN009365.D (-472) (-)

Ion 71.00 (70.70 to 71.70): BN009365.D (-472) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.23 min Scan# 832

Delta R.T. -0.00 min

Lab File: BN009408.D

Acq: 21 Jan 2020 11:05

Tgt Ion: 136 Resp: 4366

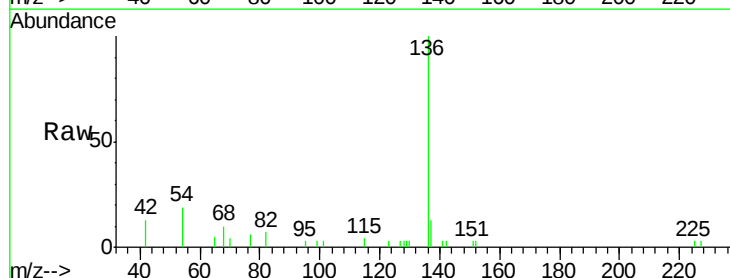
Ion Ratio Lower Upper

136 100

137 13.3 10.3 15.5

54 19.3 12.6 19.0#

68 10.2 6.5 9.7#

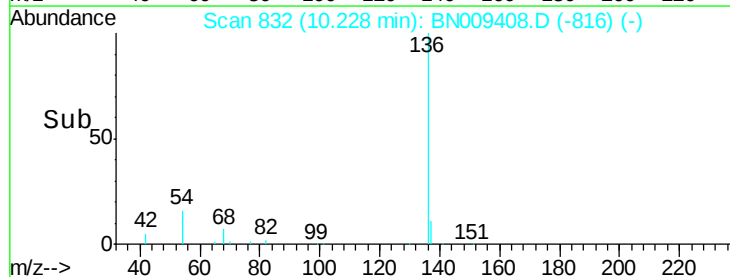
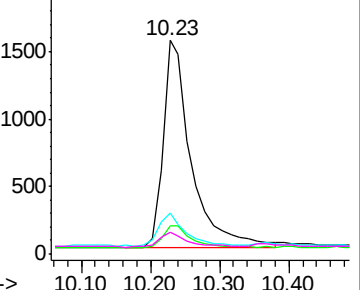


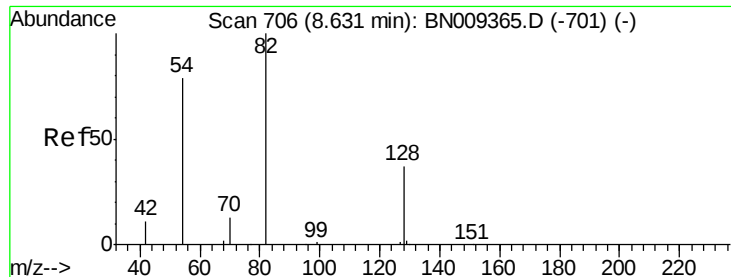
Abundance Ion 136.00 (135.70 to 136.70): BN009365.D (-825) (-)

Ion 137.00 (136.70 to 137.70): BN009365.D (-825) (-)

Ion 54.00 (53.70 to 54.70): BN009365.D (-825) (-)

Ion 68.00 (67.70 to 68.70): BN009365.D (-825) (-)





#8

Nitrobenzene-d5

Concen: 0.276 ng

RT: 8.64 min Scan# 707

Delta R.T. 0.01 min

Lab File: BN009408.D

Acq: 21 Jan 2020 11:05

Instrument :

BNA_N

ClientSampleId :

PB125982BL

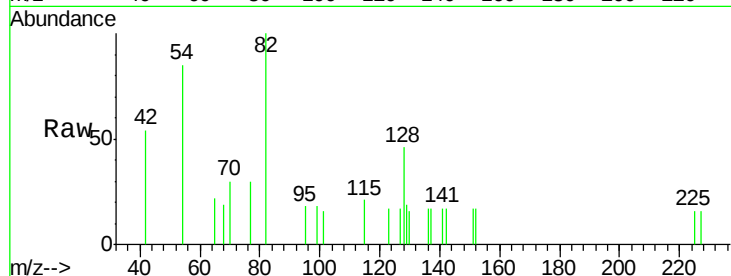
Tot Ion: 82 Resp: 962

Ion Ratio Lower Upper

82 100

128 46.0 34.8 52.2

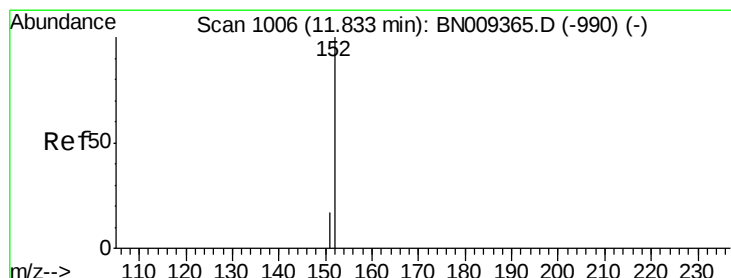
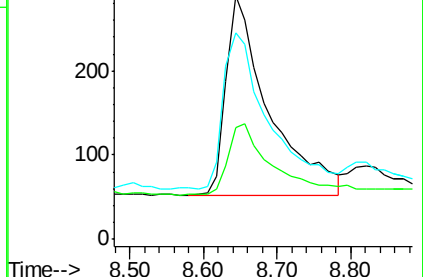
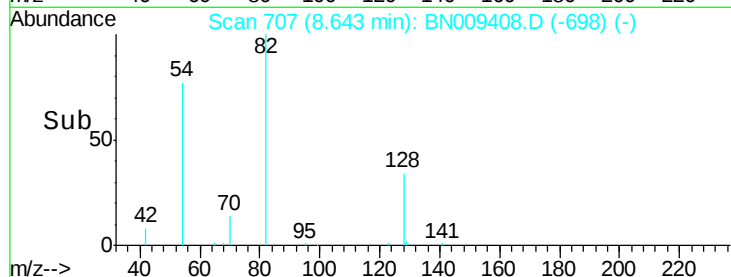
54 84.8 65.8 98.6



Abundance Ion 82.00 (81.70 to 82.70): BN009408.D (-698) (-)

Ion 128.00 (127.70 to 128.70): BN009408.D (-698) (-)

Ion 54.00 (53.70 to 54.70): BN009408.D (-698) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.269 ng

RT: 11.83 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BN009408.D

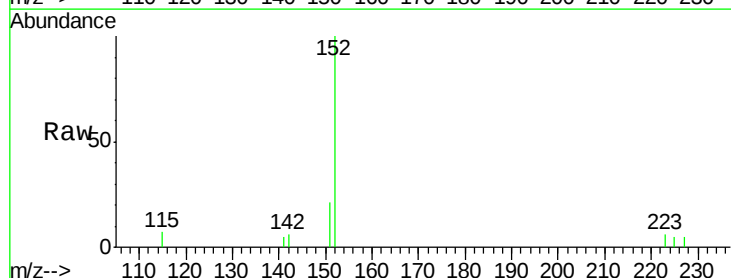
Acq: 21 Jan 2020 11:05

Tgt Ion: 152 Resp: 2267

Ion Ratio Lower Upper

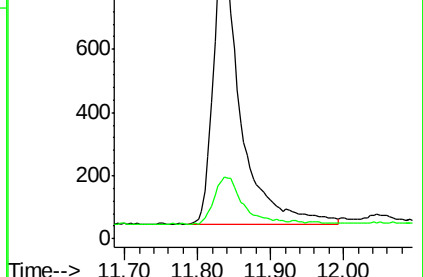
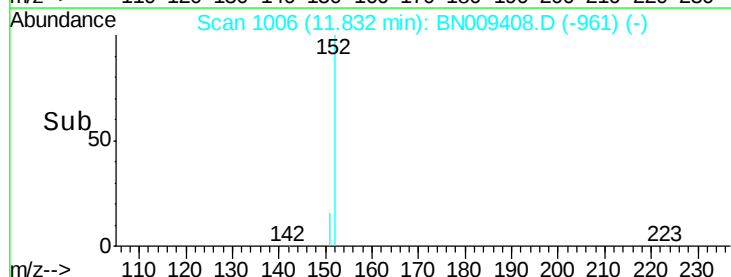
152 100

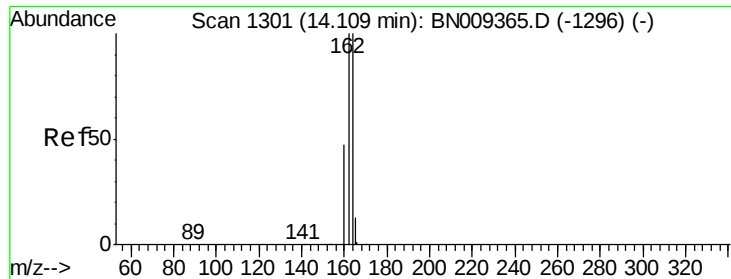
151 18.0 14.8 22.2



Abundance Ion 152.00 (151.70 to 152.70): BN009408.D (-961) (-)

Ion 151.00 (150.70 to 151.70): BN009408.D (-961) (-)

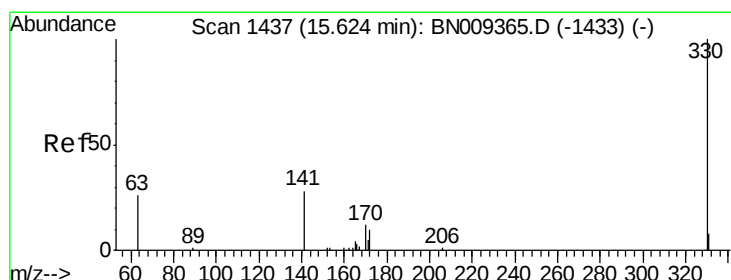
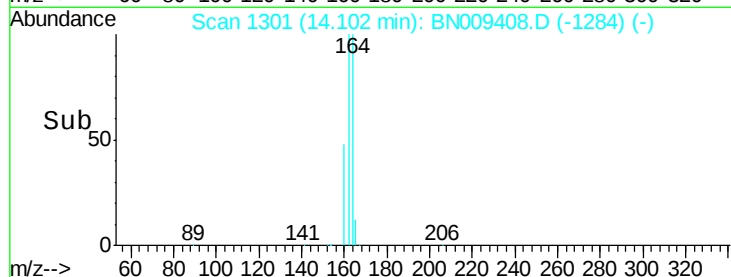
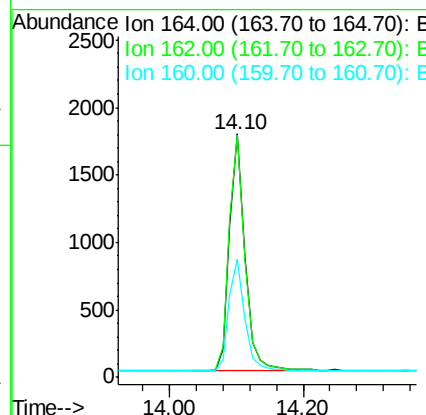
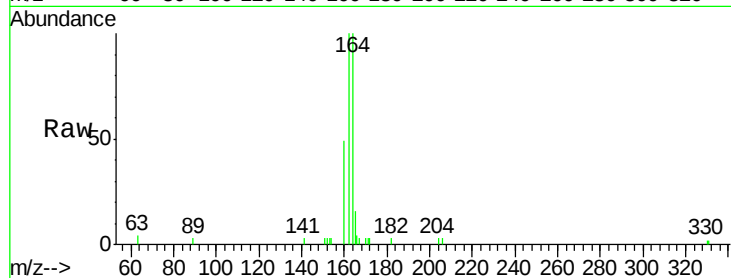




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.10 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: BN009408.D
 Acq: 21 Jan 2020 11:05

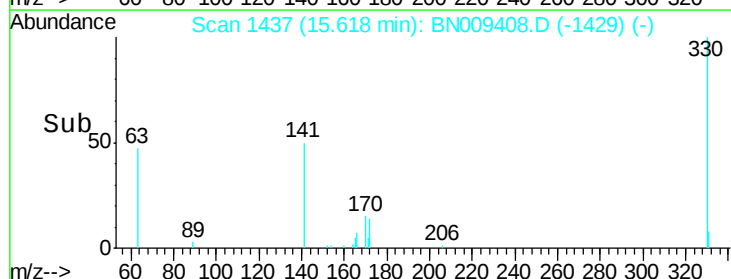
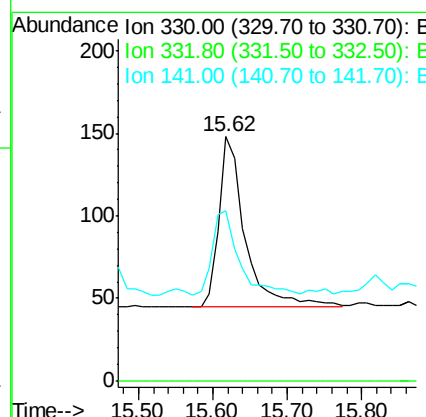
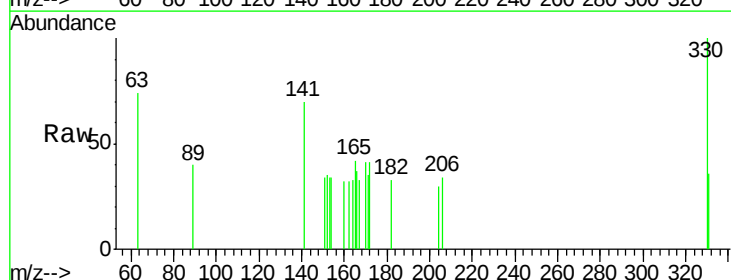
Instrument :
 BNA_N
 ClientSampleId :
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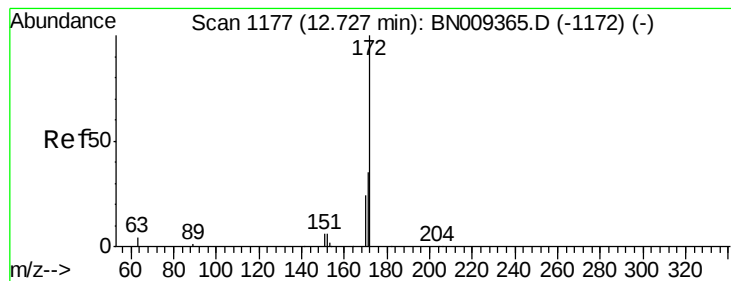
Tot Ion:164 Resp: 2891
 Ion Ratio Lower Upper
 164 100
 162 99.6 79.8 119.6
 160 48.8 38.4 57.6



#14
 2,4,6-Tribromophenol
 Concen: 0.229 ng
 RT: 15.62 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BN009408.D
 Acq: 21 Jan 2020 11:05

Tgt Ion:330 Resp: 250
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 50.8 33.1 49.7#





#15

2-Fluorobiphenyl

Concen: 0.316 ng

RT: 12.73 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BN009408.D

Acq: 21 Jan 2020 11:05

Instrument :

BNA_N

ClientSampleId :

PB125982BL

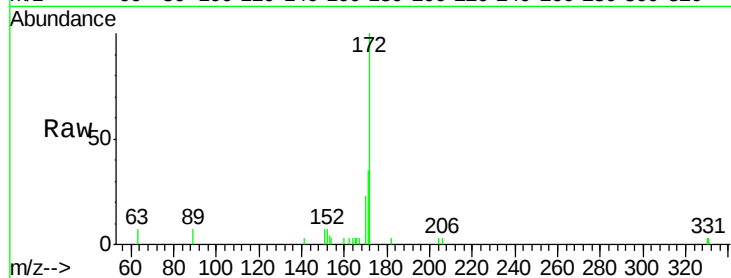
Tot Ion:172 Resp: 3421

Ion Ratio Lower Upper

172 100

171 34.6 29.5 44.3

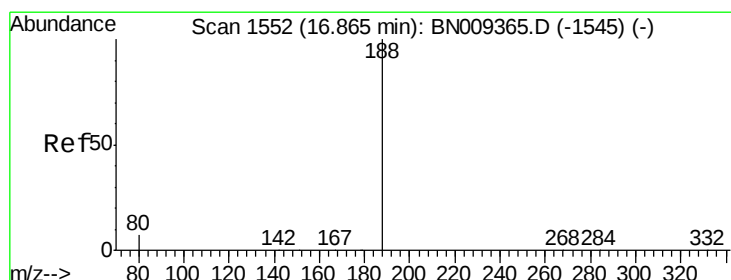
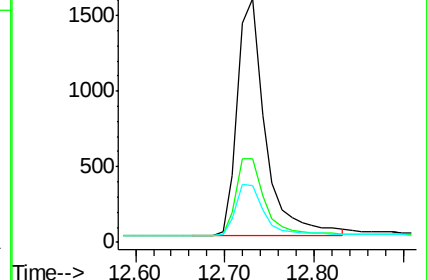
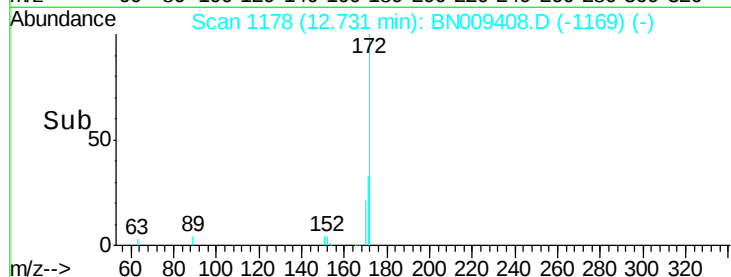
170 23.2 20.7 31.1



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



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.86 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BN009408.D

Acq: 21 Jan 2020 11:05

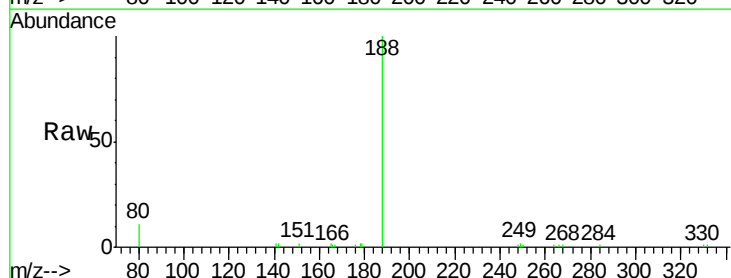
Tgt Ion:188 Resp: 6577

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

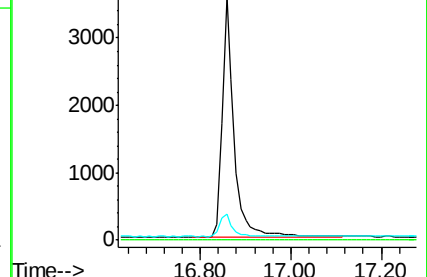
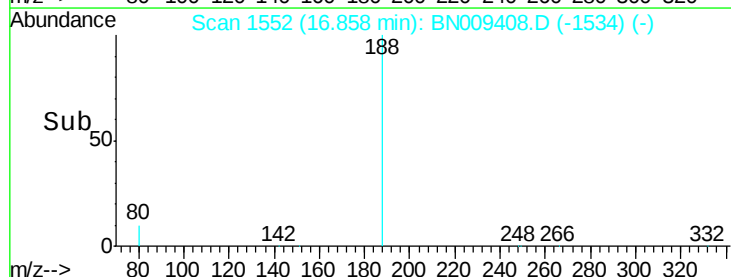
80 10.9 6.6 10.0#

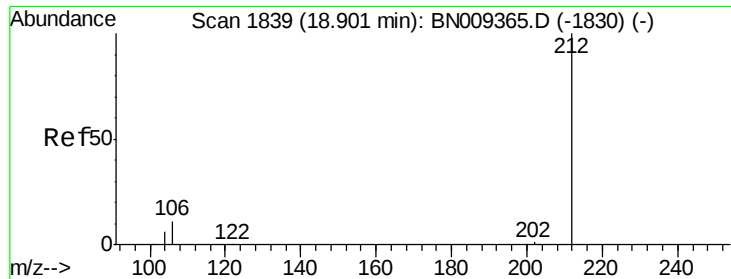


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#25

Fluoranthene-d10

Concen: 0.279 ng

RT: 18.90 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BN009408.D

Acq: 21 Jan 2020 11:05

Instrument :

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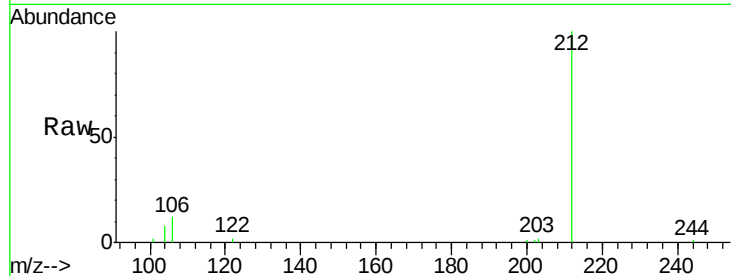
Tot Ion:212 Resp: 6285

Ion Ratio Lower Upper

212 100

106 11.6 9.2 13.8

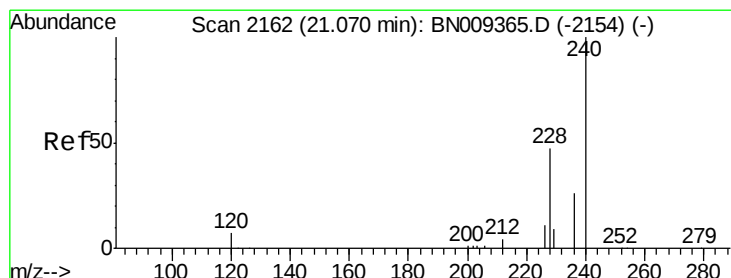
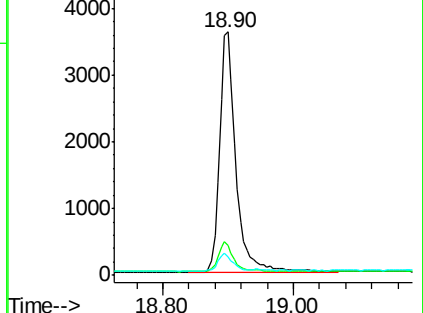
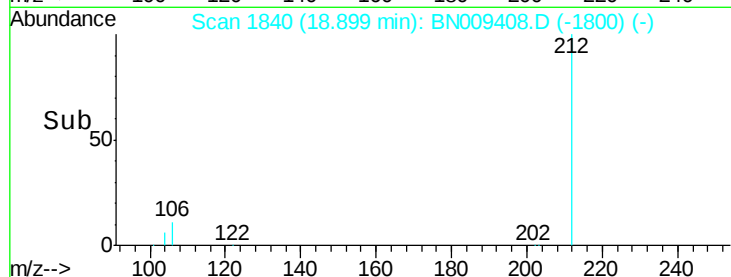
104 6.5 5.4 8.0



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: 21.07 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BN009408.D

Acq: 21 Jan 2020 11:05

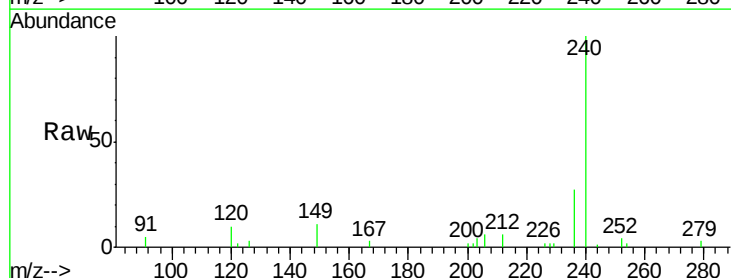
Tgt Ion:240 Resp: 6043

Ion Ratio Lower Upper

240 100

120 10.0 8.1 12.1

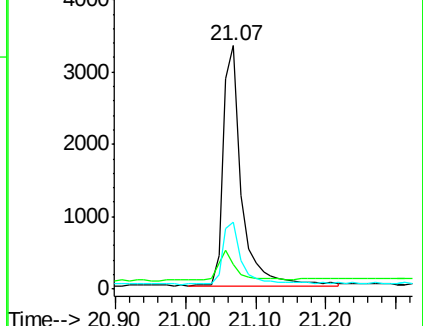
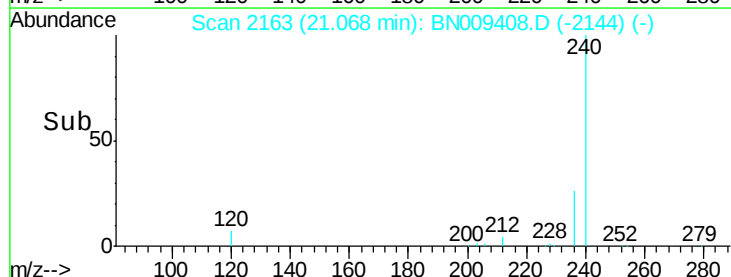
236 27.5 22.2 33.4

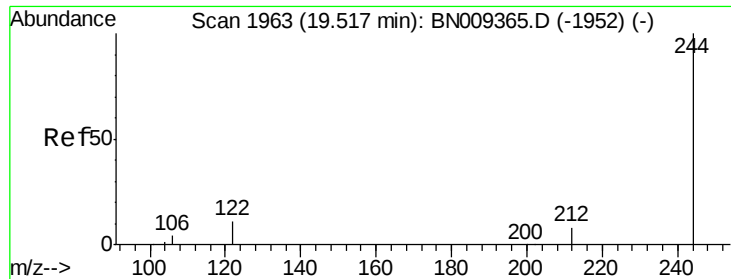


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.324 ng

RT: 19.51 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BN009408.D

Acq: 21 Jan 2020 11:05

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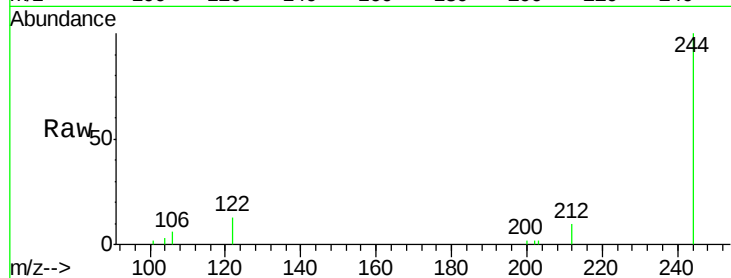
Tot Ion:244 Resp: 4632

Ion Ratio Lower Upper

244 100

212 10.4 7.5 11.3

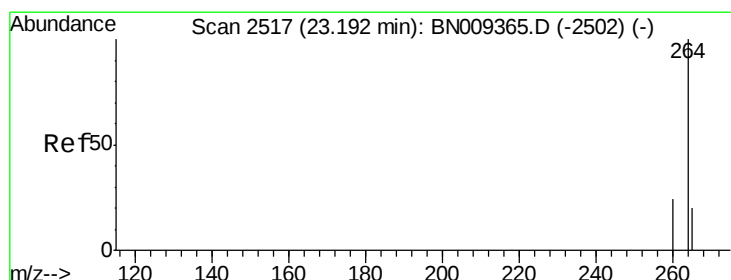
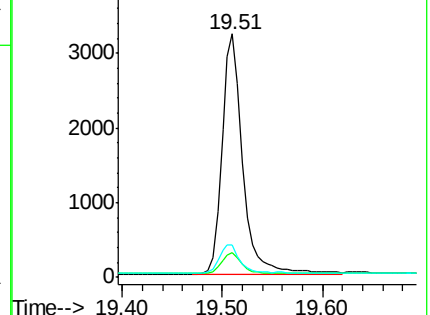
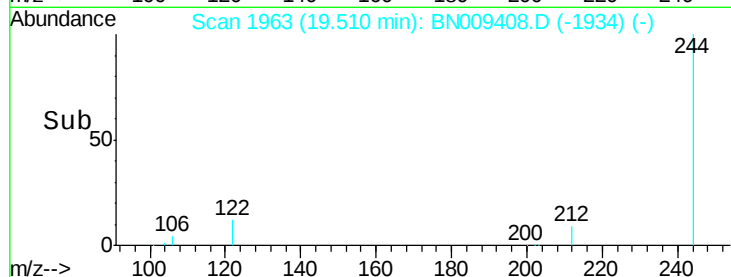
122 13.1 9.8 14.6



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: 23.18 min Scan# 2516

Delta R.T. -0.01 min

Lab File: BN009408.D

Acq: 21 Jan 2020 11:05

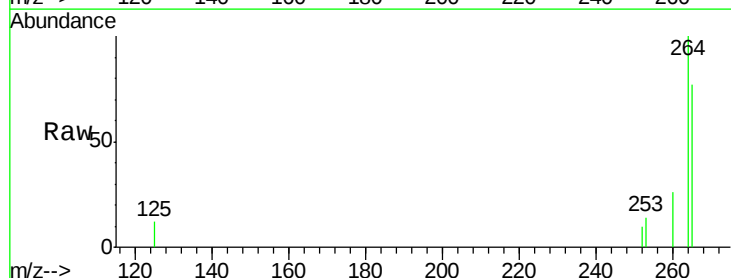
Tgt Ion:264 Resp: 6227

Ion Ratio Lower Upper

264 100

260 25.6 20.1 30.1

265 76.6 68.2 102.4



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

