

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012020\
 Data File : BN009400.D
 Acq On : 20 Jan 2020 13:13
 Operator : JU
 Sample : PB125981BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB125981BL

Quant Time: Jan 20 17:56:07 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	1439	0.40	ng	0.00
7) Naphthalene-d8	10.23	136	4725	0.40	ng	0.00
13) Acenaphthene-d10	14.10	164	3088	0.40	ng	0.00
19) Phenanthrene-d10	16.86	188	7057	0.40	ng	0.00
27) Chrysene-d12	21.07	240	6479	0.40	ng	0.00
34) Perylene-d12	23.19	264	6722	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.12	112	999	0.30	ng	0.00
5) Phenol-d6	6.68	99	1188	0.31	ng	0.00
8) Nitrobenzene-d5	8.64	82	1041	0.28	ng	0.01
11) 2-Methylnaphthalene-d10	11.83	152	2425	0.27	ng	0.00
14) 2,4,6-Tribromophenol	15.62	330	278	0.24	ng	0.00
15) 2-Fluorobiphenyl	12.73	172	3688	0.32	ng	0.00
25) Fluoranthene-d10	18.90	212	6817	0.28	ng	0.00
29) Terphenyl-d14	19.51	244	5047	0.33	ng	0.00

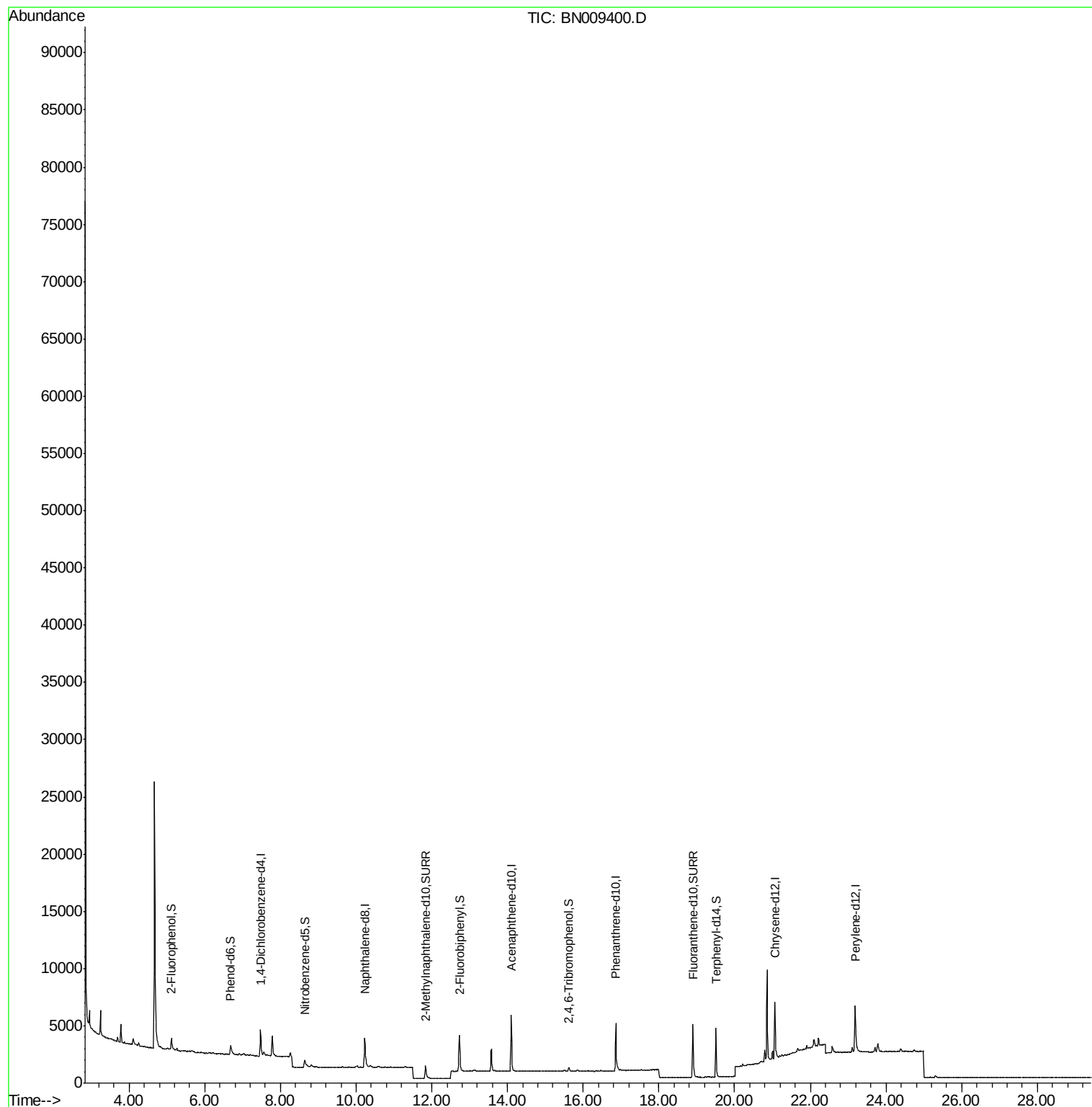
Target Compounds	Qvalue
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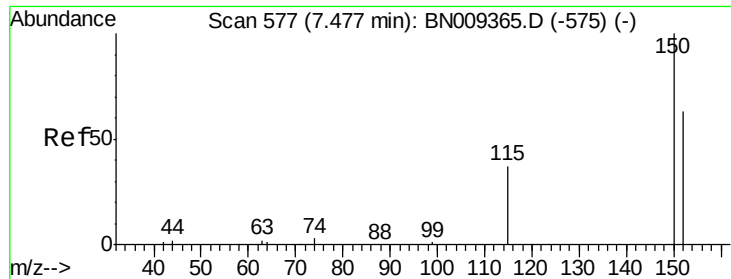
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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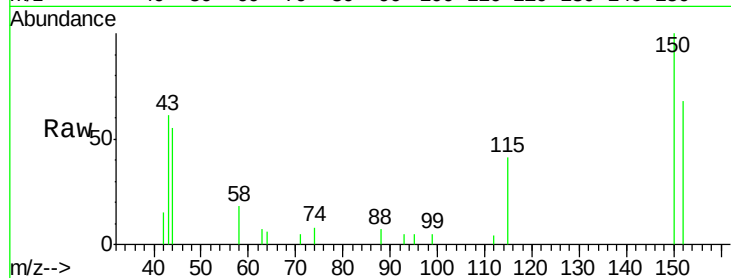


#1

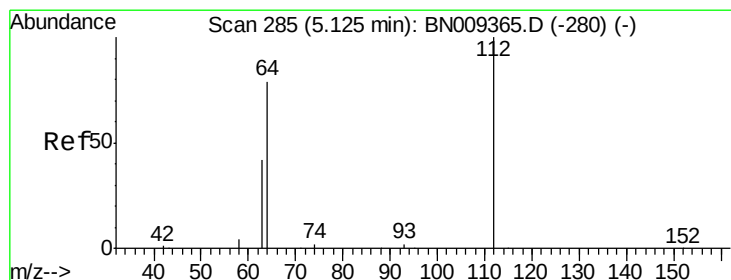
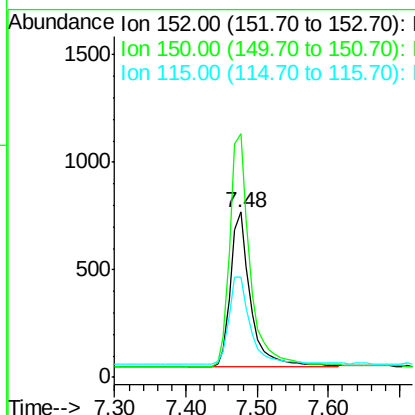
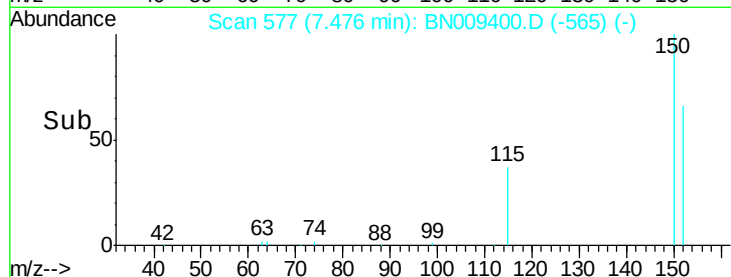
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BN009400.D
Acq: 20 Jan 2020 13:13

Instrument :
BNA_N
ClientSampleId :
PB125981BL

Tot Ion:152 Resp: 1439
Ion Ratio Lower Upper
152 100
150 147.3 125.7 188.5
115 60.6 53.3 79.9



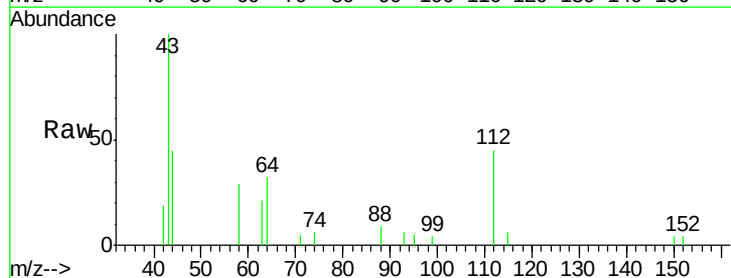
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



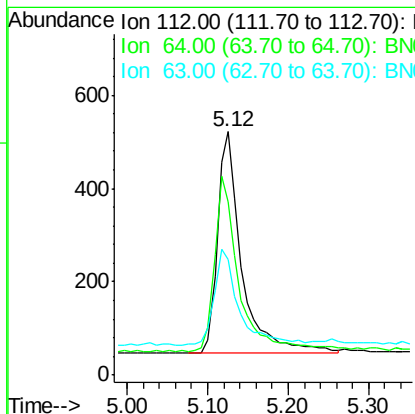
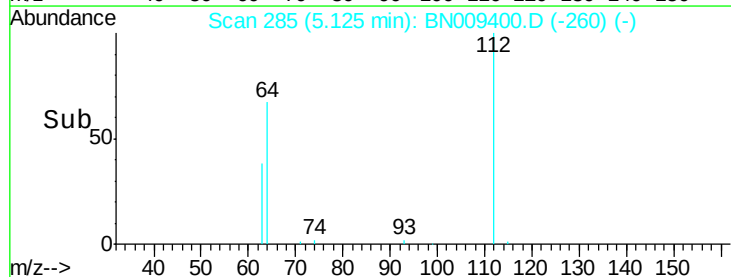
#4

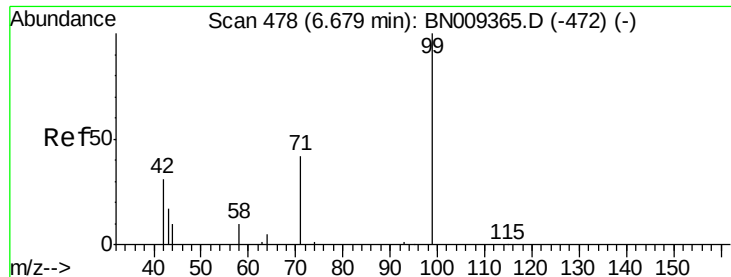
2-Fluorophenol
Concen: 0.302 ng
RT: 5.12 min Scan# 285
Delta R.T. -0.00 min
Lab File: BN009400.D
Acq: 20 Jan 2020 13:13

Tgt Ion:112 Resp: 999
Ion Ratio Lower Upper
112 100
64 80.0 61.5 92.3
63 44.0 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: 0.310 ng

RT: 6.68 min Scan# 478

Delta R.T. -0.00 min

Lab File: BN009400.D

Acq: 20 Jan 2020 13:13

Instrument :

BNA_N

ClientSampleId :

PB125981BL

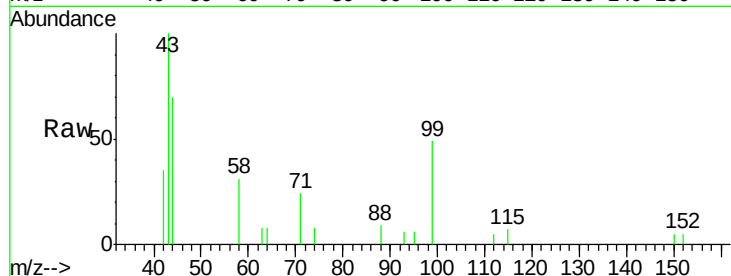
Tot Ion: 99 Resp: 1188

Ion Ratio Lower Upper

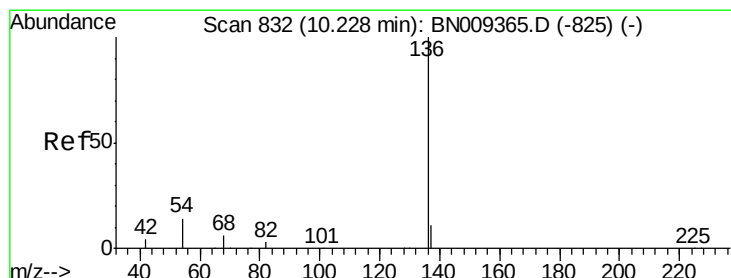
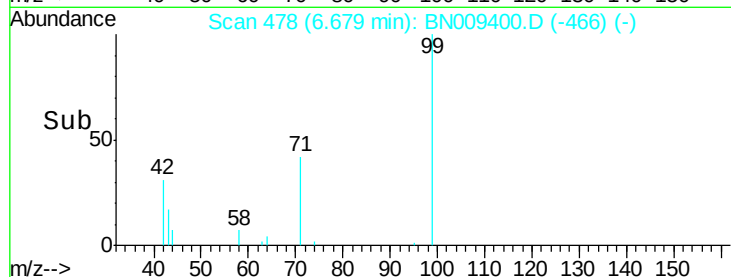
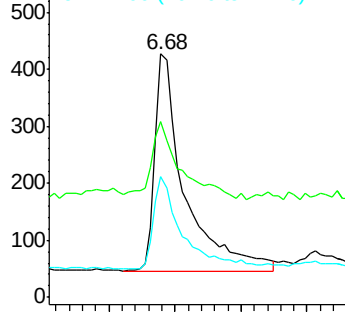
99 100

42 34.3 27.6 41.4

71 41.2 33.0 49.6



Abundance Ion 99.00 (98.70 to 99.70): BN009400.D (-466) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.23 min Scan# 832

Delta R.T. -0.00 min

Lab File: BN009400.D

Acq: 20 Jan 2020 13:13

Tgt Ion: 136 Resp: 4725

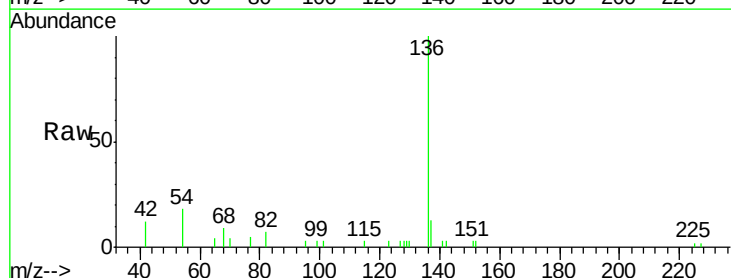
Ion Ratio Lower Upper

136 100

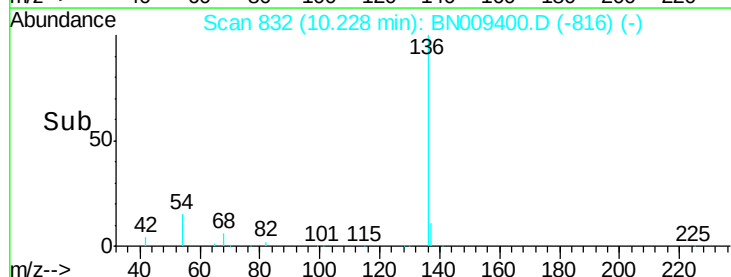
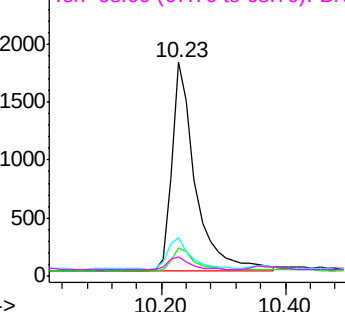
137 13.4 10.3 15.5

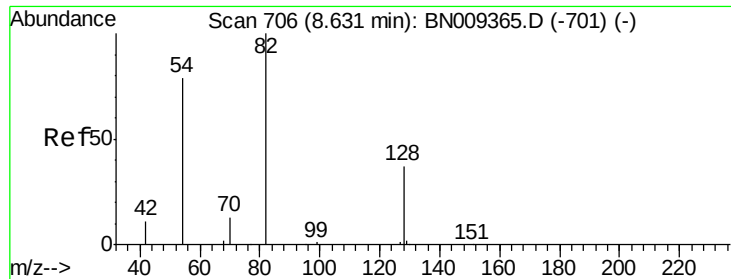
54 18.1 12.6 19.0

68 9.1 6.5 9.7



Abundance Ion 136.00 (135.70 to 136.70): BN009400.D (-816) (-)





#8

Nitrobenzene-d5

Concen: 0.276 ng

RT: 8.64 min Scan# 707

Delta R.T. 0.01 min

Lab File: BN009400.D

Acq: 20 Jan 2020 13:13

Instrument :

BNA_N

ClientSampleId :

PB125981BL

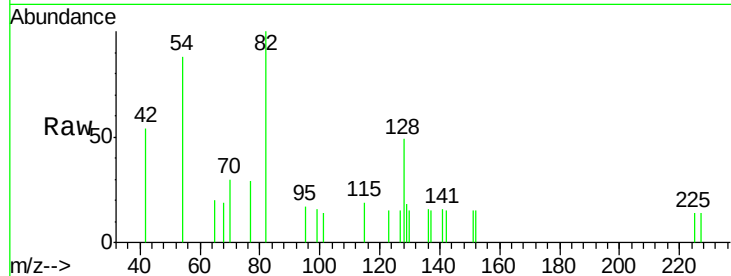
Tot Ion: 82 Resp: 1041

Ion Ratio Lower Upper

82 100

128 48.9 34.8 52.2

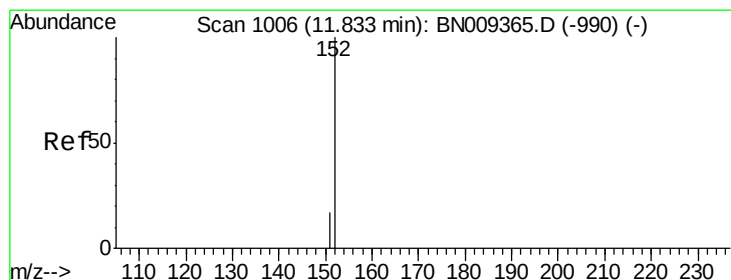
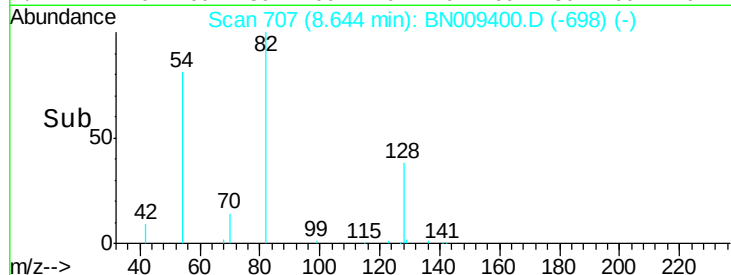
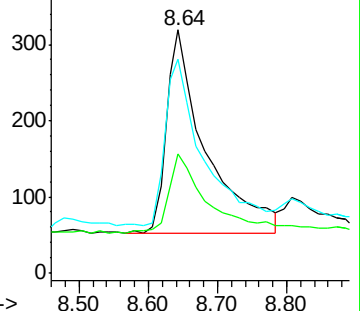
54 87.8 65.8 98.6



Abundance Ion 82.00 (81.70 to 82.70): BN009400.D (-698) (-)

Ion 128.00 (127.70 to 128.70): BN009400.D (-698) (-)

Ion 54.00 (53.70 to 54.70): BN009400.D (-698) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.266 ng

RT: 11.83 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BN009400.D

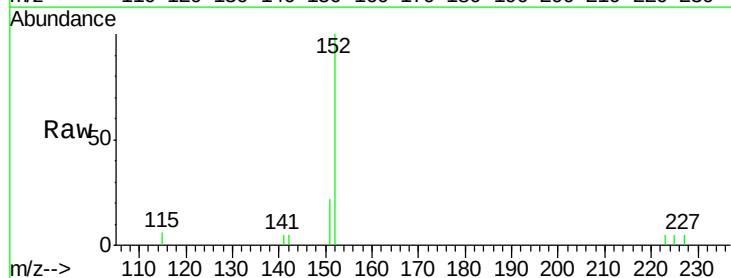
Acq: 20 Jan 2020 13:13

Tgt Ion: 152 Resp: 2425

Ion Ratio Lower Upper

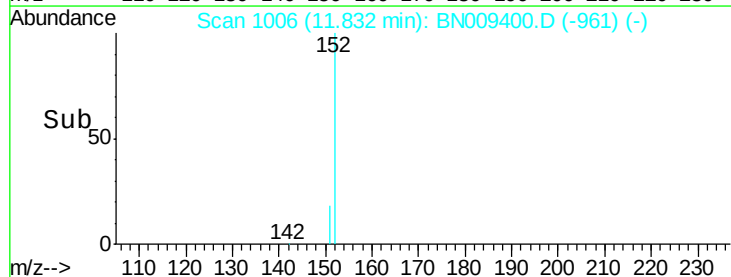
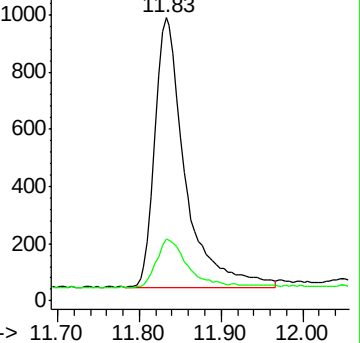
152 100

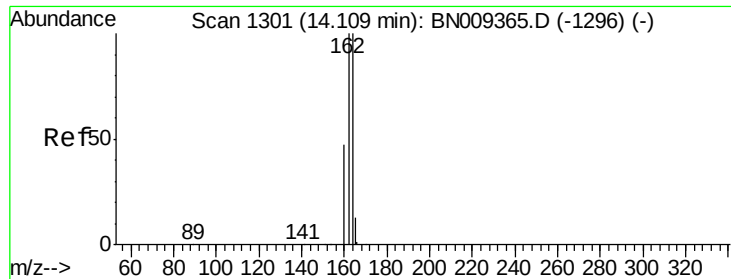
151 18.3 14.8 22.2



Abundance Ion 152.00 (151.70 to 152.70): BN009400.D (-961) (-)

Ion 151.00 (150.70 to 151.70): BN009400.D (-961) (-)

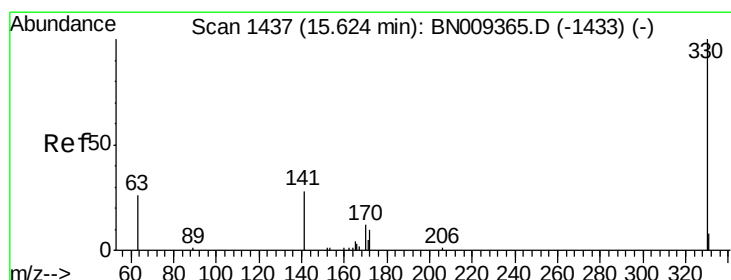
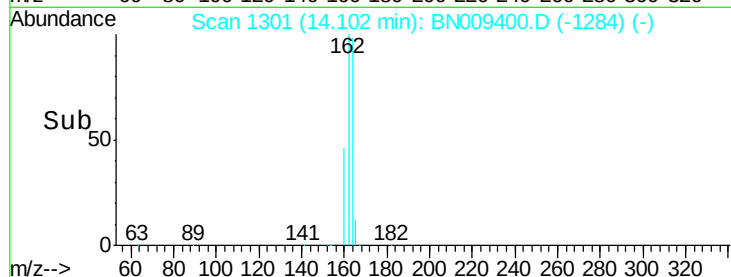
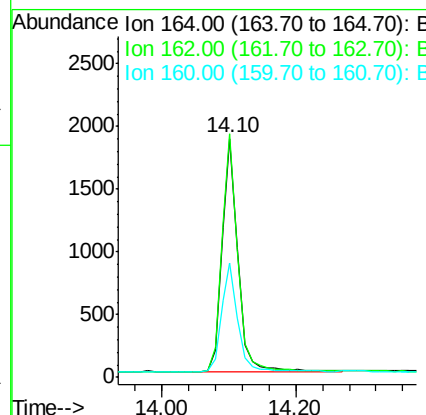
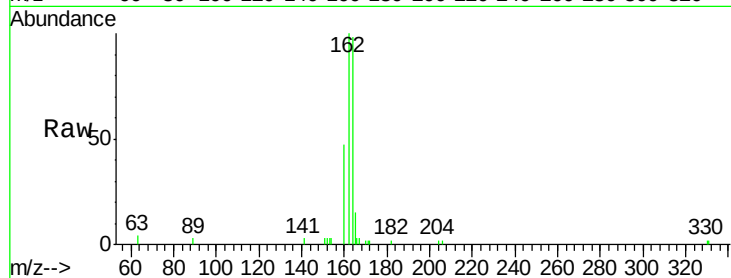




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.10 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BN009400.D
Acq: 20 Jan 2020 13:13

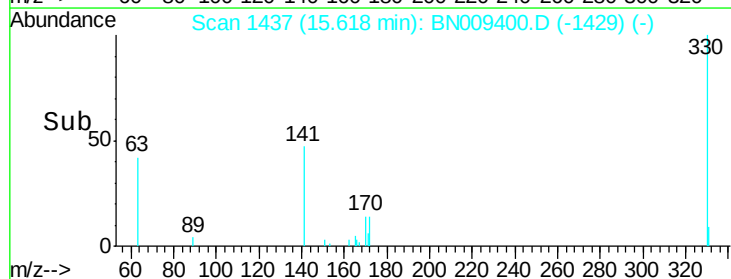
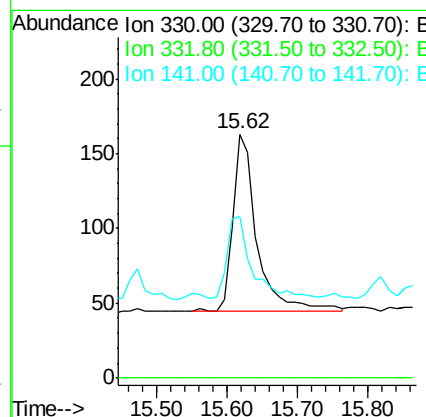
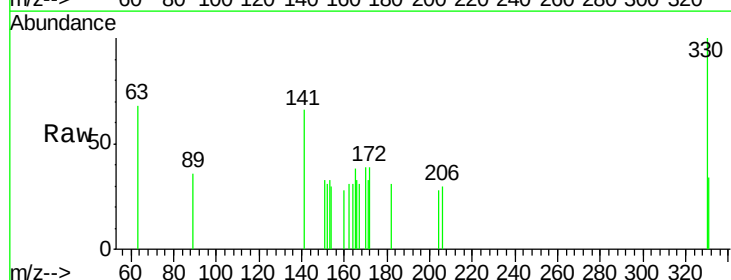
Instrument :
BNA_N
ClientSampleId :
PB125981BL

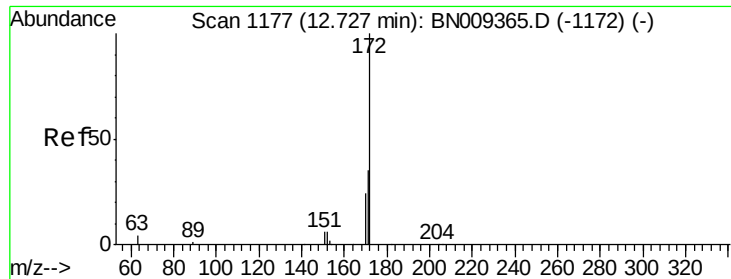
Tot Ion:164 Resp: 3088
Ion Ratio Lower Upper
164 100
162 102.0 79.8 119.6
160 47.8 38.4 57.6



#14
2,4,6-Tribromophenol
Concen: 0.238 ng
RT: 15.62 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BN009400.D
Acq: 20 Jan 2020 13:13

Tgt Ion:330 Resp: 278
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 48.9 33.1 49.7

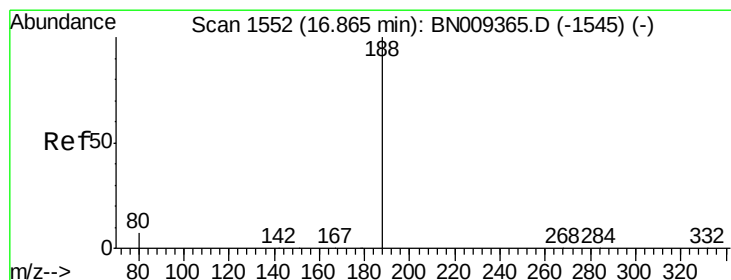
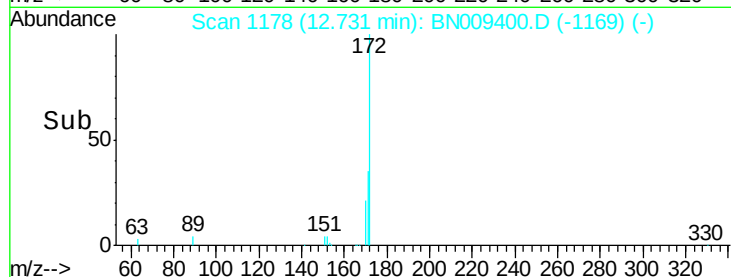
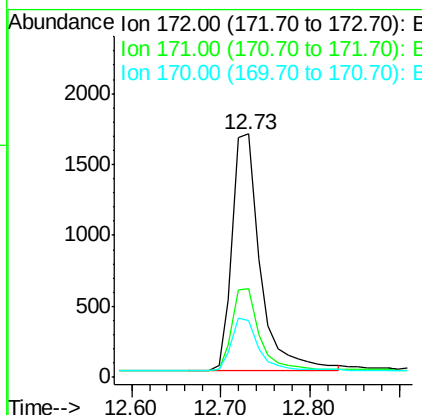
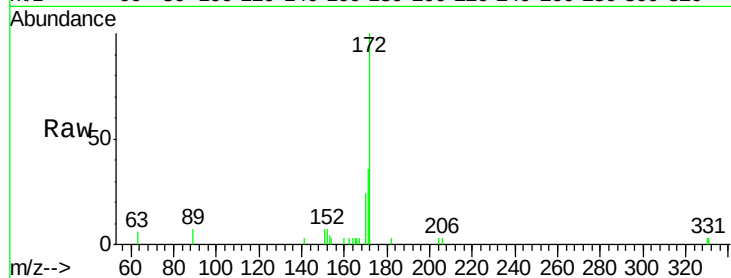




#15
2-Fluorobiphenyl
Concen: 0.319 ng
RT: 12.73 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BN009400.D
Acq: 20 Jan 2020 13:13

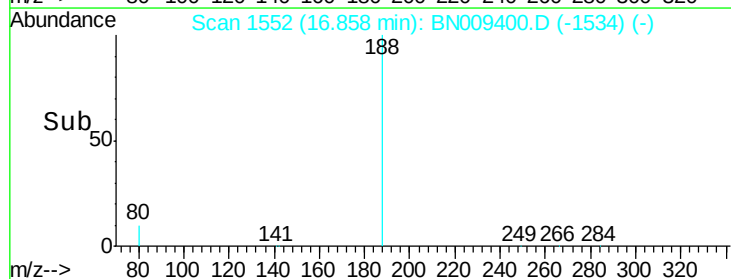
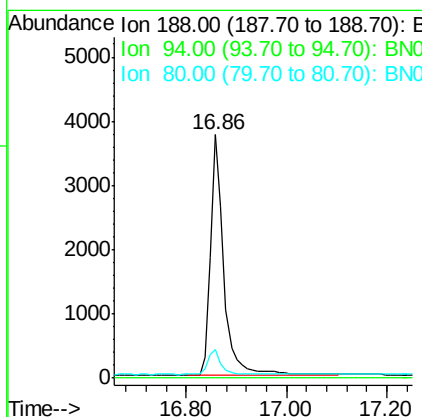
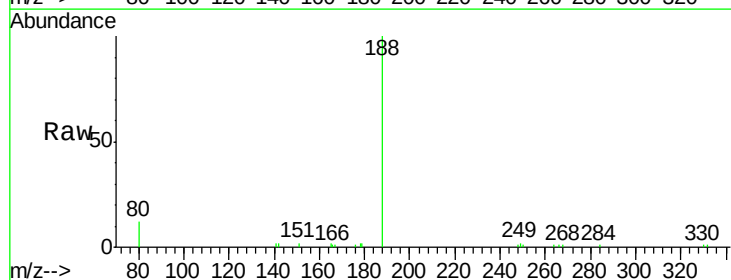
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BNA_N
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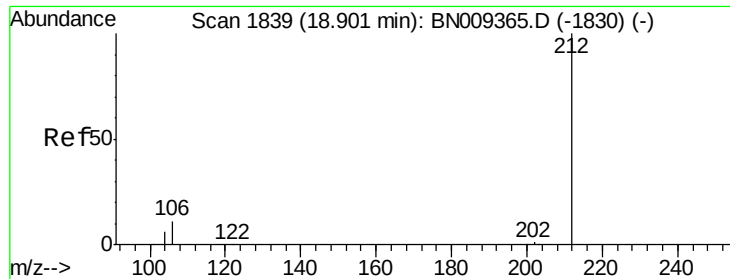
Tot Ion:172 Resp: 3688
Ion Ratio Lower Upper
172 100
171 36.3 29.5 44.3
170 23.5 20.7 31.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.86 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BN009400.D
Acq: 20 Jan 2020 13:13

Tgt Ion:188 Resp: 7057
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.7 6.6 10.0#

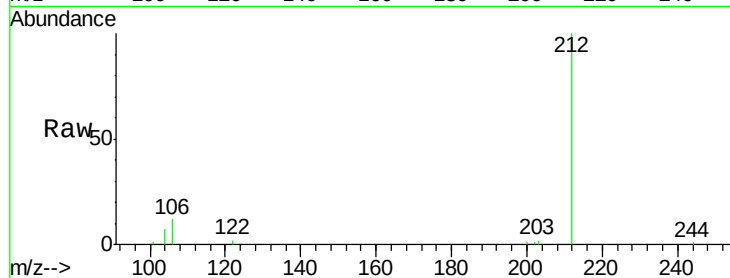




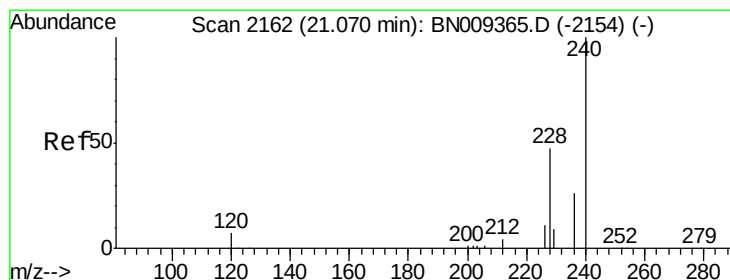
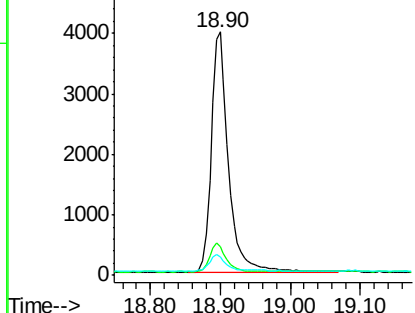
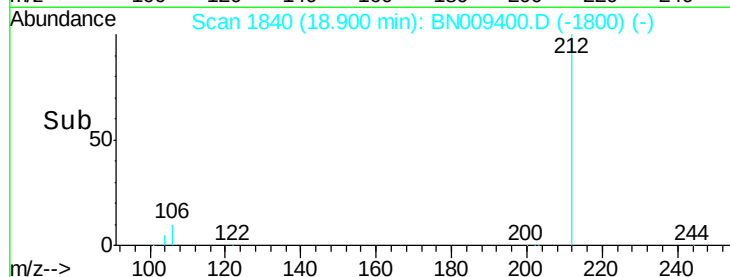
#25
 Fluoranthene-d10
 Concen: 0.282 ng
 RT: 18.90 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BN009400.D
 Acq: 20 Jan 2020 13:13

Instrument :
 BNA_N
 ClientSampleId :
 PB125981BL

Tot Ion:212 Resp: 6817
 Ion Ratio Lower Upper
 212 100
 106 11.4 9.2 13.8
 104 6.7 5.4 8.0

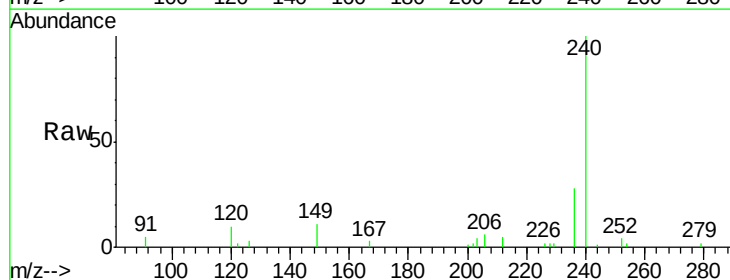


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

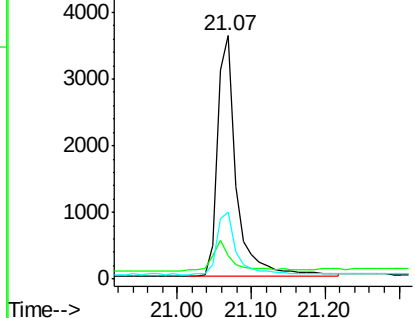
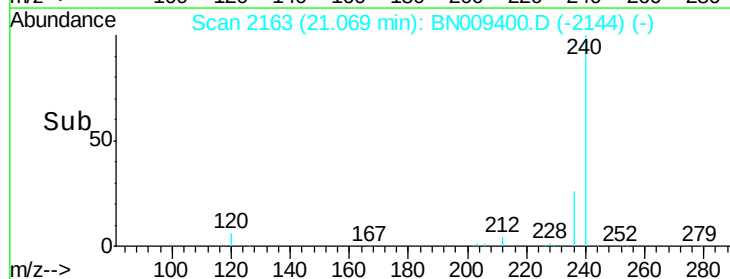


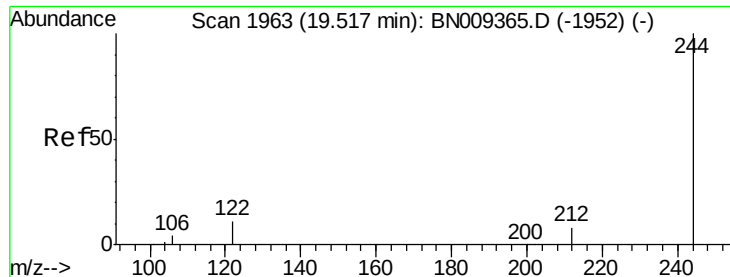
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.07 min Scan# 2163
 Delta R.T. -0.00 min
 Lab File: BN009400.D
 Acq: 20 Jan 2020 13:13

Tgt Ion:240 Resp: 6479
 Ion Ratio Lower Upper
 240 100
 120 9.8 8.1 12.1
 236 27.6 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: 0.329 ng

RT: 19.51 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BN009400.D

Acq: 20 Jan 2020 13:13

Instrument :

BNA_N

ClientSampleId :

PB125981BL

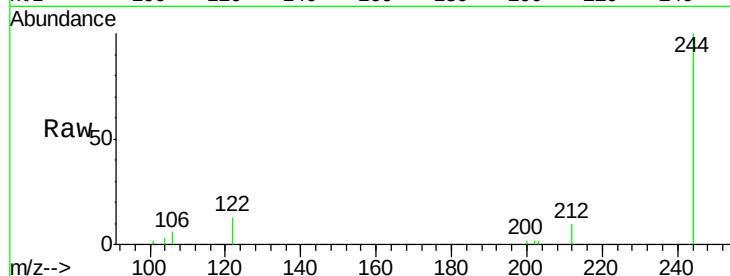
Tot Ion:244 Resp: 5047

Ion Ratio Lower Upper

244 100

212 9.6 7.5 11.3

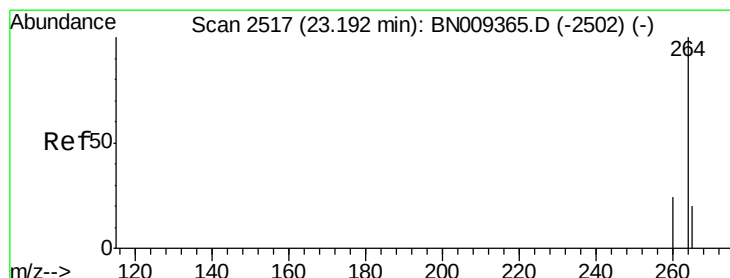
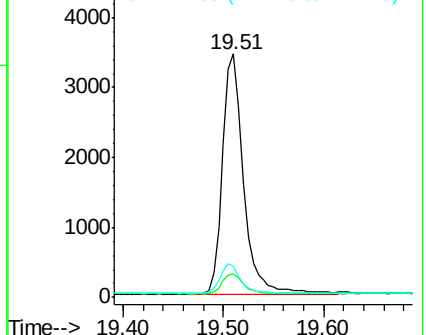
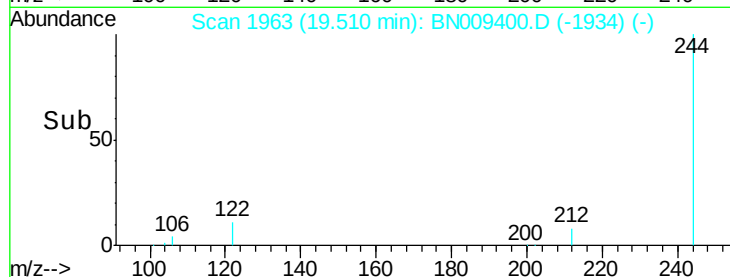
122 12.8 9.8 14.6



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: 23.19 min Scan# 2517

Delta R.T. -0.01 min

Lab File: BN009400.D

Acq: 20 Jan 2020 13:13

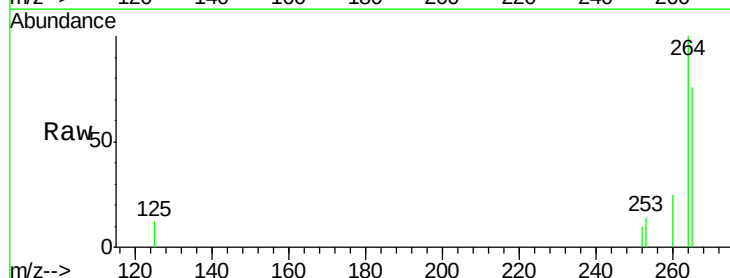
Tgt Ion:264 Resp: 6722

Ion Ratio Lower Upper

264 100

260 25.3 20.1 30.1

265 76.0 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

