

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
 Data File : BN010162.D
 Acq On : 10 Mar 2020 15:32
 Operator : CG/JU
 Sample : PB127383BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB127383BL

Quant Time: Mar 10 18:52:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 19 15:57:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	737	0.40	ng	-0.05
7) Naphthalene-d8	10.14	136	2420	0.40	ng	-0.04
13) Acenaphthene-d10	14.00	164	1550	0.40	ng	-0.06
19) Phenanthrene-d10	16.78	188	3083	0.40	ng	-0.03
27) Chrysene-d12	20.99	240	3420	0.40	ng	-0.04
34) Perylene-d12	23.10	264	3718	0.40	ng	-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	5.04	112	317	0.19	ng	-0.05
5) Phenol-d6	6.61	99	219	0.11	ng	-0.03
8) Nitrobenzene-d5	8.57	82	790	0.39	ng	-0.03
11) 2-Methylnaphthalene-d10	11.74	152	1444	0.31	ng	-0.04
14) 2,4,6-Tribromophenol	15.55	330	233	0.39	ng	-0.03
15) 2-Fluorobiphenyl	12.63	172	2247	0.38	ng	-0.06
25) Fluoranthene-d10	18.83	212	3736	0.35	ng	-0.03
29) Terphenyl-d14	19.43	244	3462	0.42	ng	-0.04

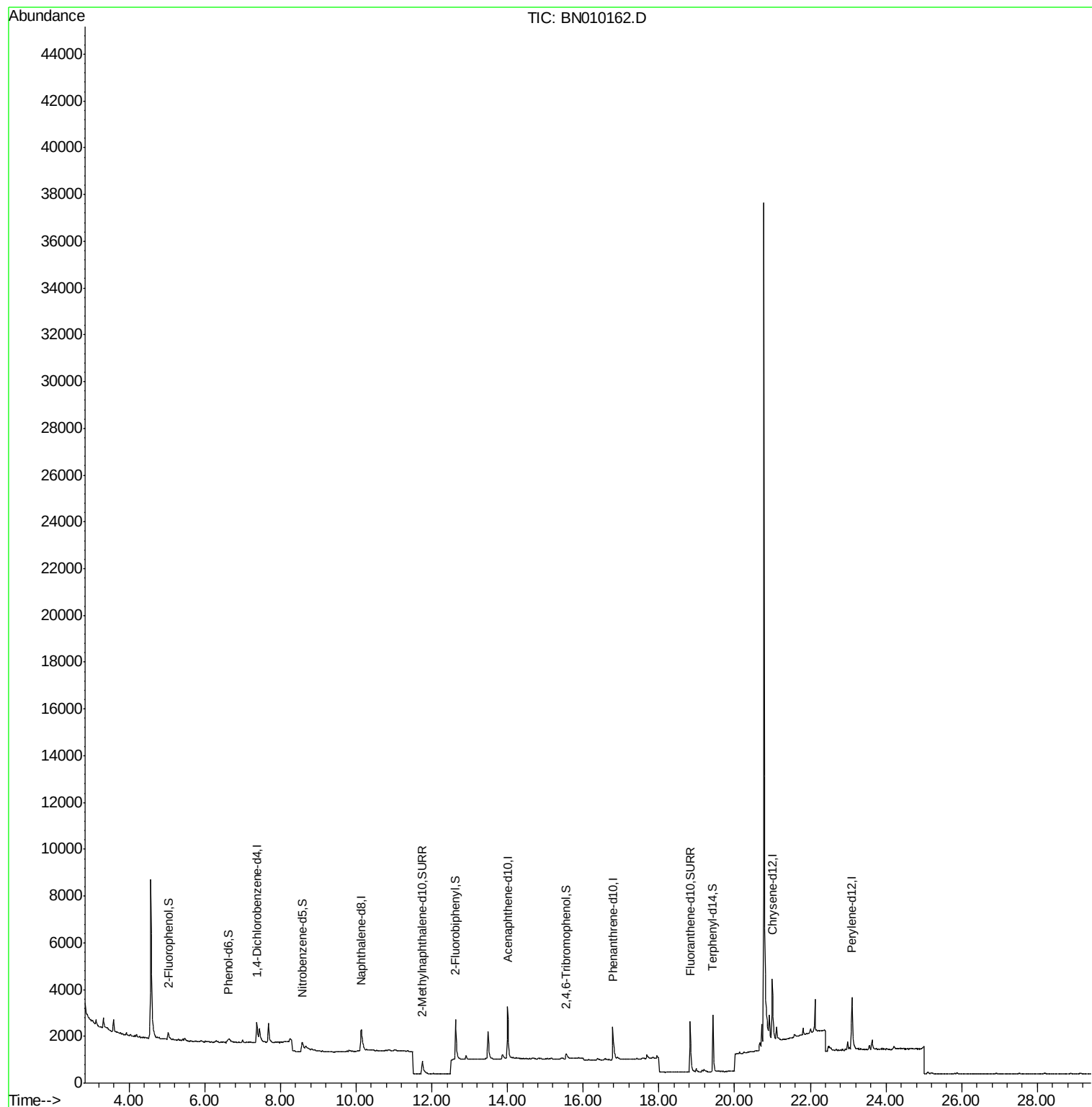
Target Compounds	Qvalue
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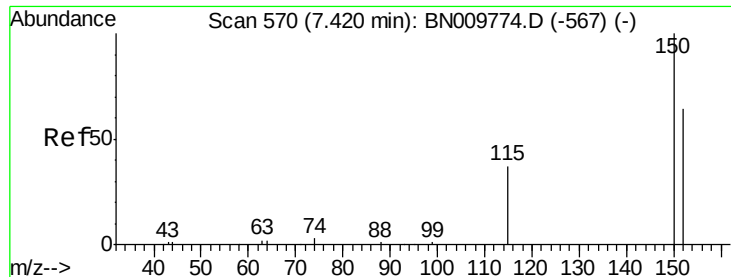
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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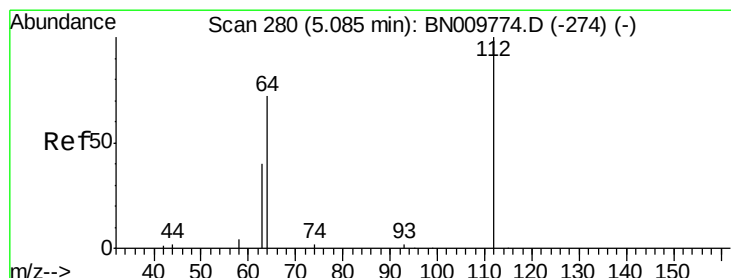
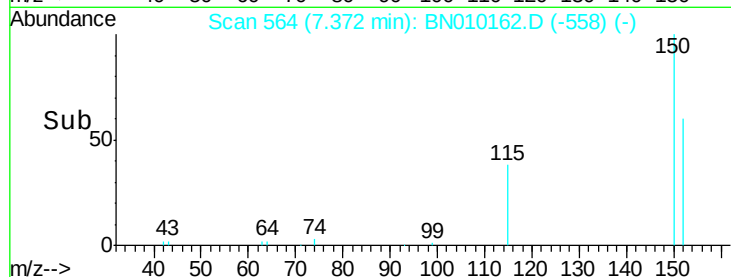
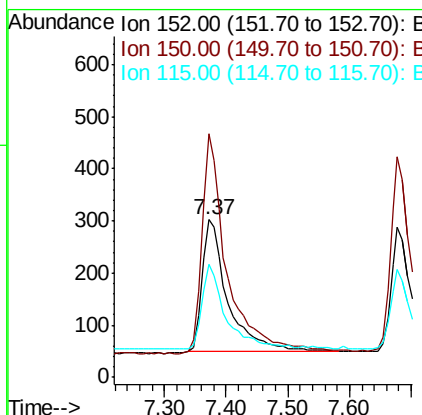
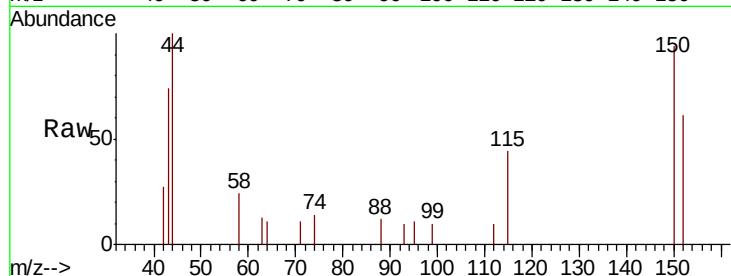


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 564
Delta R.T. -0.05 min
Lab File: BN010162.D
Acq: 10 Mar 2020 15:32

Instrument :
BNA_N
ClientSampleId :
PB127383BL

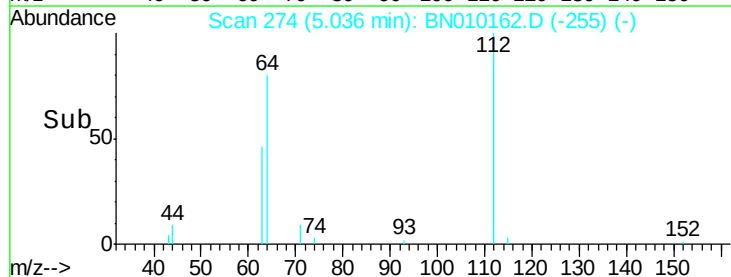
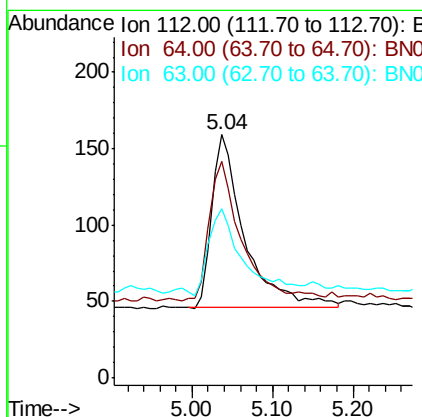
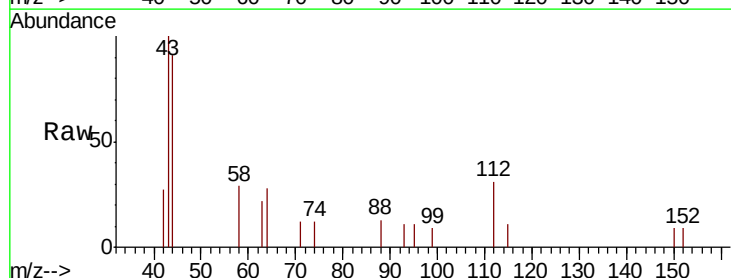
Tot Ion:152 Resp: 737
Ion Ratio Lower Upper
152 100
150 154.6 120.6 181.0
115 71.9 51.2 76.8

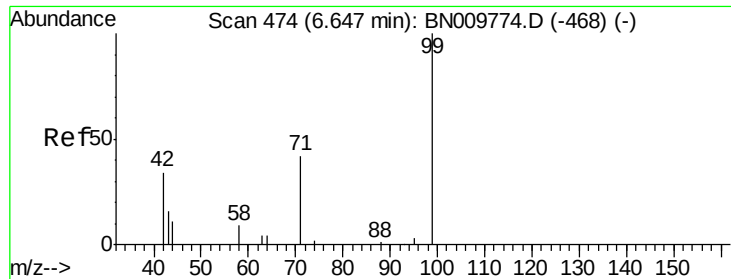


#4

2-Fluorophenol
Concen: 0.193 ng
RT: 5.04 min Scan# 274
Delta R.T. -0.05 min
Lab File: BN010162.D
Acq: 10 Mar 2020 15:32

Tgt Ion:112 Resp: 317
Ion Ratio Lower Upper
112 100
64 78.5 65.8 98.6
63 53.0 38.7 58.1





#5

Phenol-d6

Concen: 0.110 ng

RT: 6.61 min Scan# 470

Delta R.T. -0.03 min

Lab File: BN010162.D

Acq: 10 Mar 2020 15:32

Instrument :

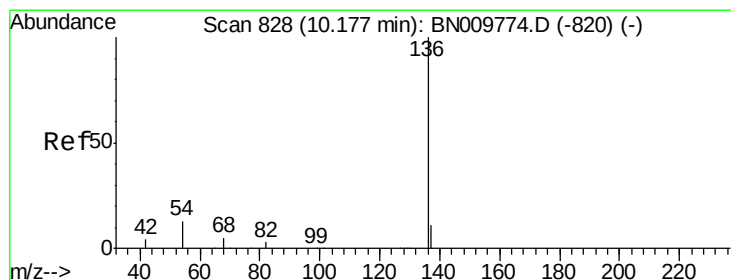
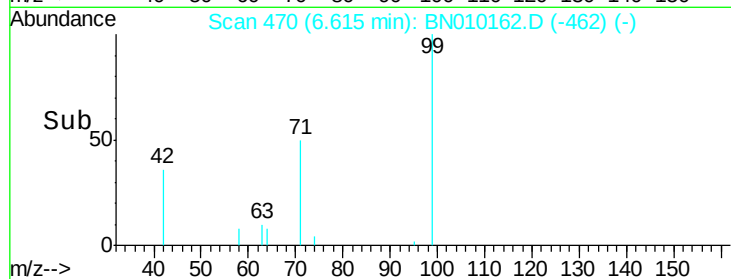
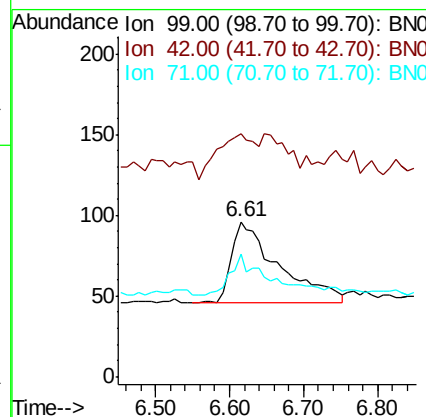
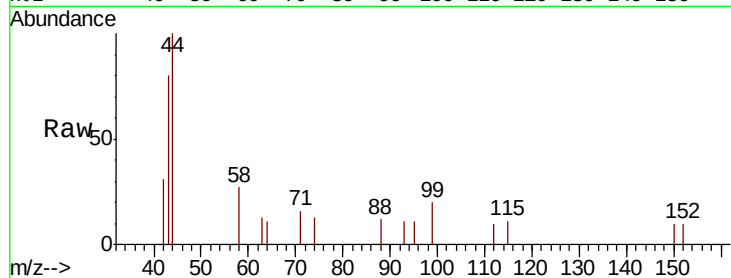
BNA_N

ClientSampleId :

PB127383BL

Tot Ion: 99 Resp: 219

Ion	Ratio	Lower	Upper
99	100		
42	46.6	30.8	46.2#
71	39.3	34.9	52.3



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.14 min Scan# 825

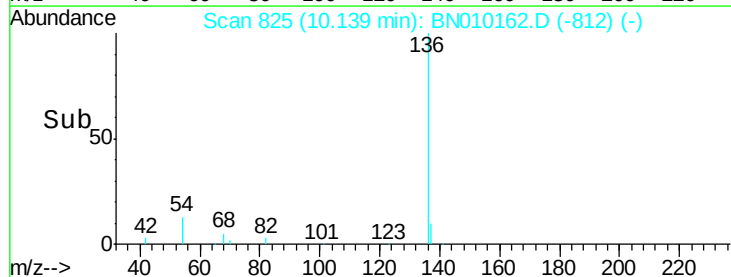
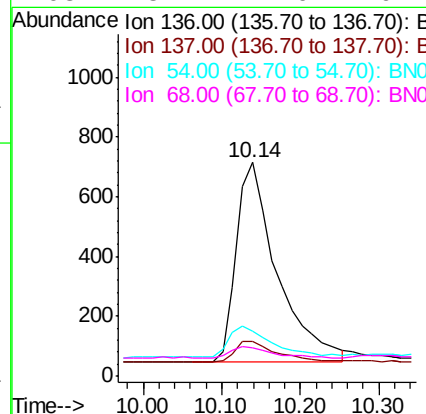
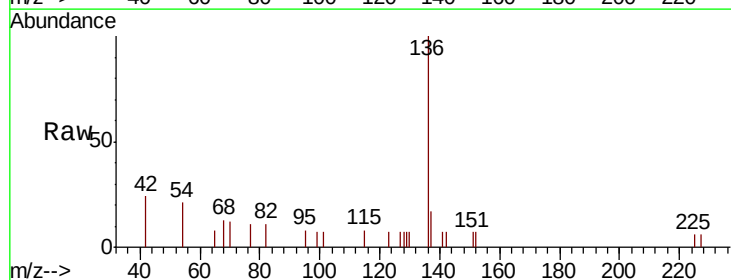
Delta R.T. -0.04 min

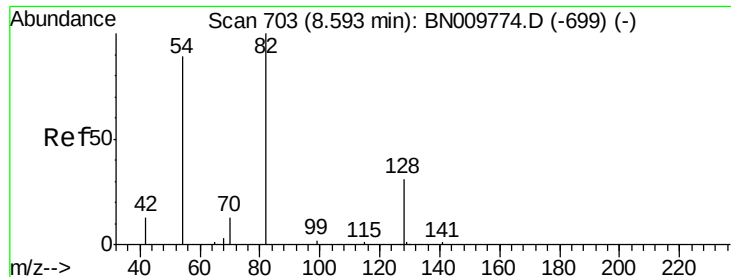
Lab File: BN010162.D

Acq: 10 Mar 2020 15:32

Tgt Ion: 136 Resp: 2420

Ion	Ratio	Lower	Upper
136	100		
137	16.5	11.3	16.9
54	21.1	13.4	20.2#
68	13.4	7.0	10.4#

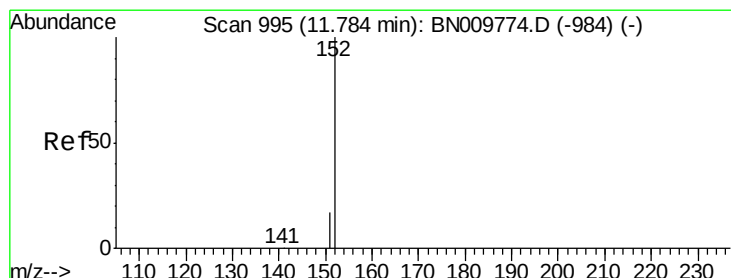
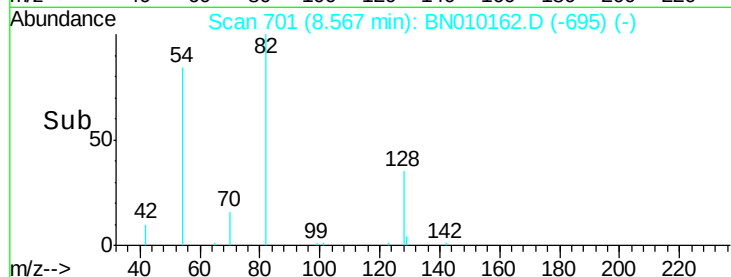
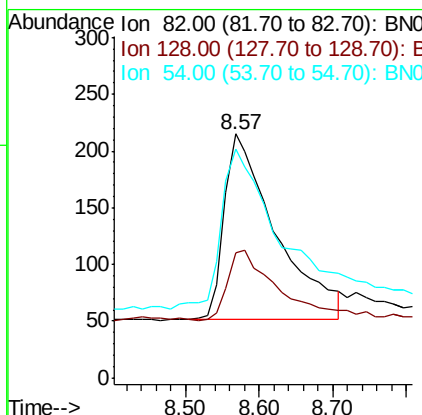
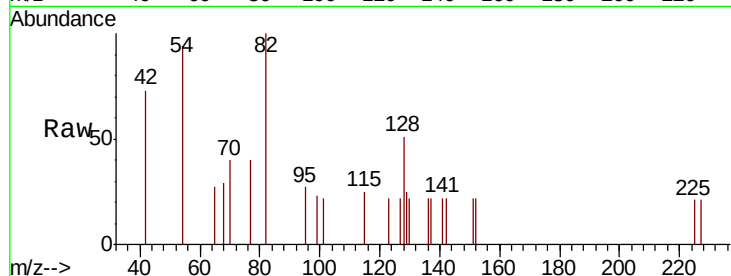




#8
 Nitrobenzene-d5
 Concen: 0.392 ng
 RT: 8.57 min Scan# 701
 Delta R.T. -0.03 min
 Lab File: BN010162.D
 Acq: 10 Mar 2020 15:32

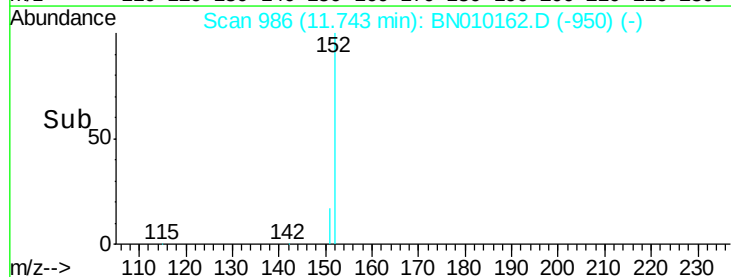
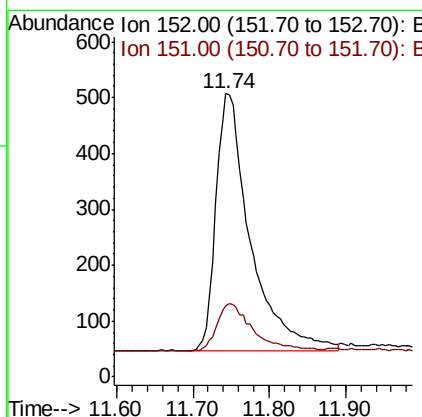
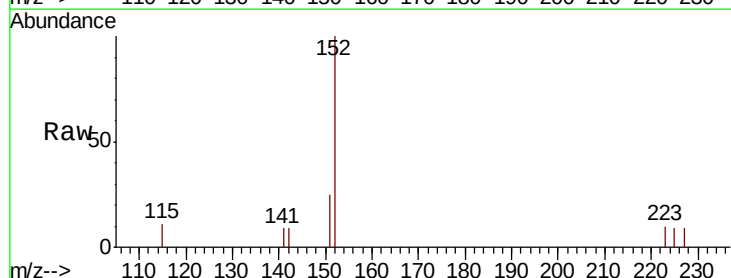
Instrument :
 BNA_N
 ClientSampleId :
 PB127383BL

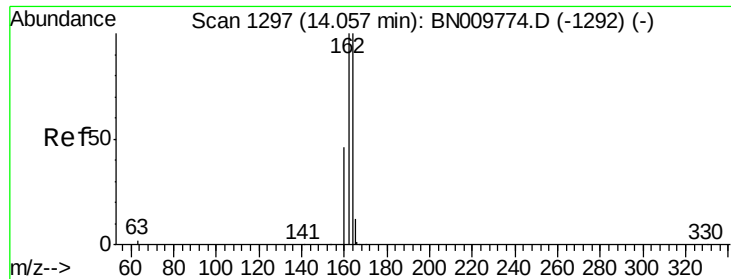
Tot Ion: 82 Resp: 790
 Ion Ratio Lower Upper
 82 100
 128 51.2 32.5 48.7#
 54 94.0 73.5 110.3



#11
 2-Methylnaphthalene-d10
 Concen: 0.308 ng
 RT: 11.74 min Scan# 986
 Delta R.T. -0.04 min
 Lab File: BN010162.D
 Acq: 10 Mar 2020 15:32

Tgt Ion: 152 Resp: 1444
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.1 22.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.00 min Scan# 1292

Delta R.T. -0.06 min

Lab File: BN010162.D

Acq: 10 Mar 2020 15:32

Instrument :

BNA_N

ClientSampleId :

PB127383BL

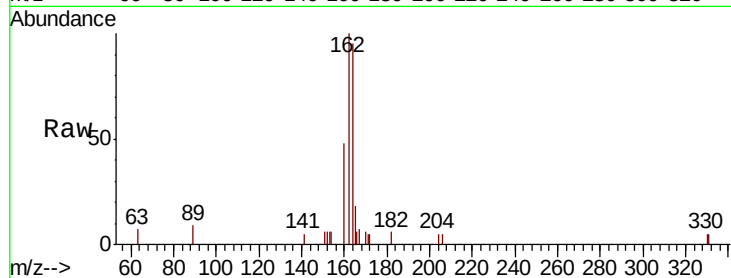
Tot Ion:164 Resp: 1550

Ion Ratio Lower Upper

164 100

162 105.7 79.9 119.9

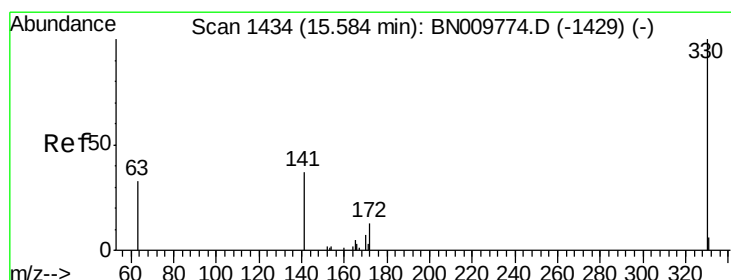
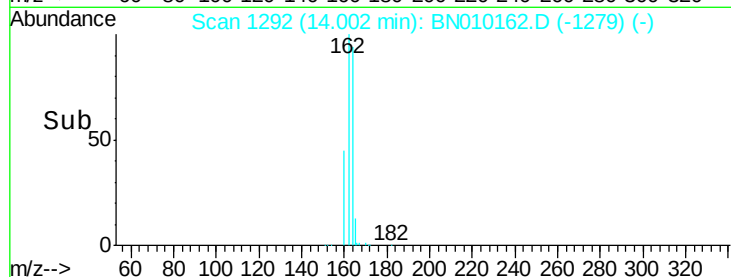
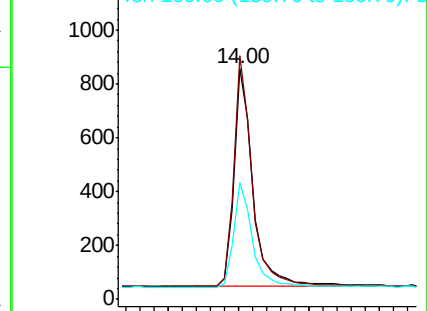
160 50.8 38.2 57.2



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: 0.390 ng

RT: 15.55 min Scan# 1431

Delta R.T. -0.03 min

Lab File: BN010162.D

Acq: 10 Mar 2020 15:32

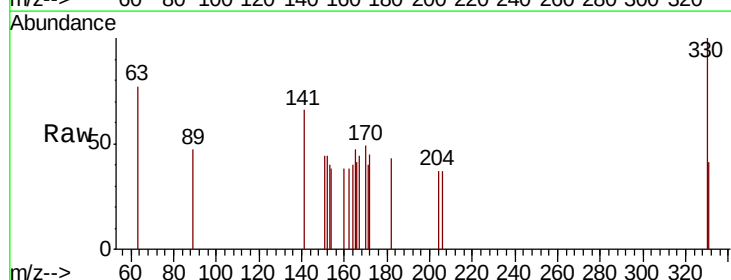
Tgt Ion:330 Resp: 233

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

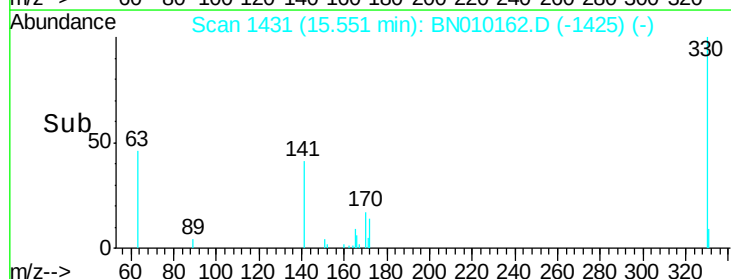
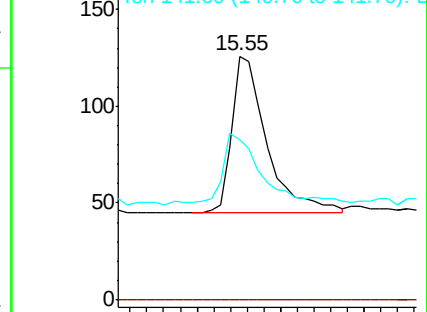
141 52.8 36.8 55.2

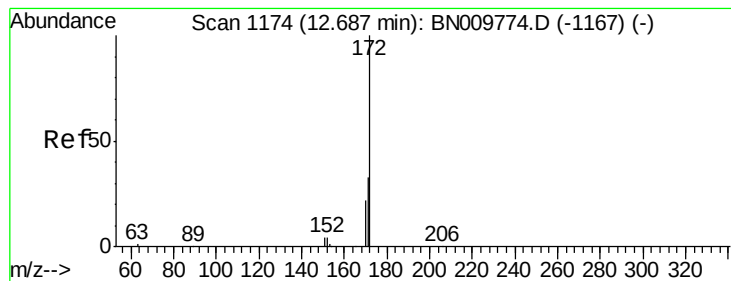


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.384 ng

RT: 12.63 min Scan# 1169

Delta R.T. -0.06 min

Lab File: BN010162.D

Acq: 10 Mar 2020 15:32

Instrument :

BNA_N

ClientSampleId :

PB127383BL

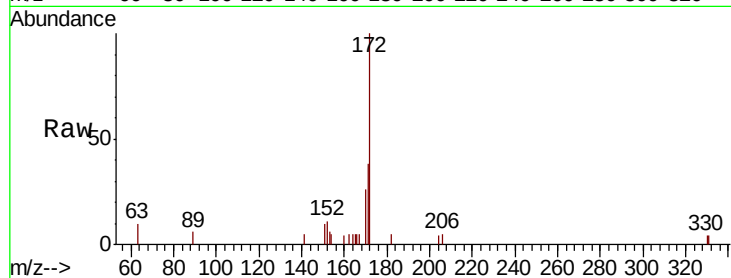
Tot Ion:172 Resp: 2247

Ion Ratio Lower Upper

172 100

171 38.0 28.7 43.1

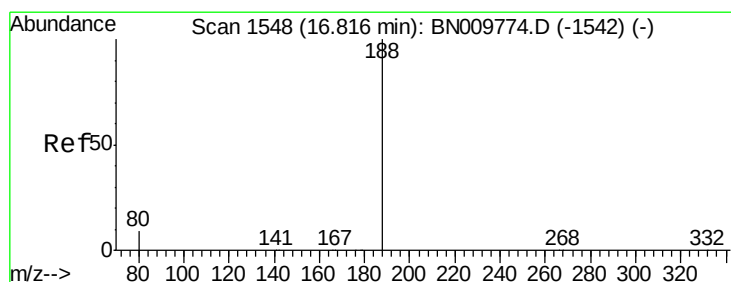
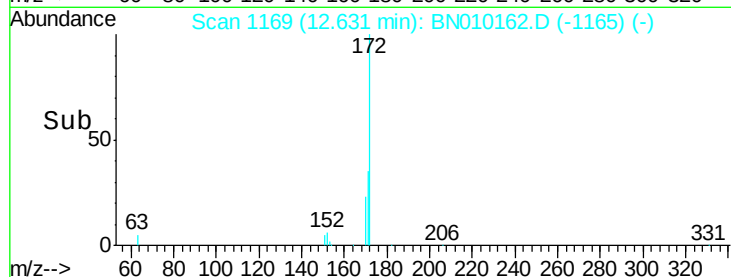
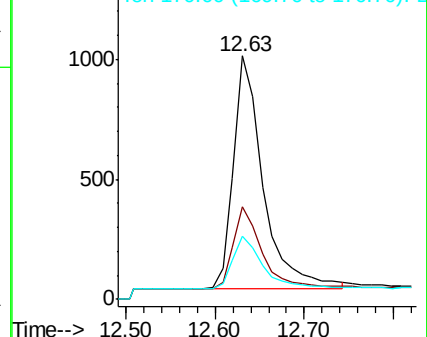
170 26.2 20.1 30.1



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: 16.78 min Scan# 1545

Delta R.T. -0.03 min

Lab File: BN010162.D

Acq: 10 Mar 2020 15:32

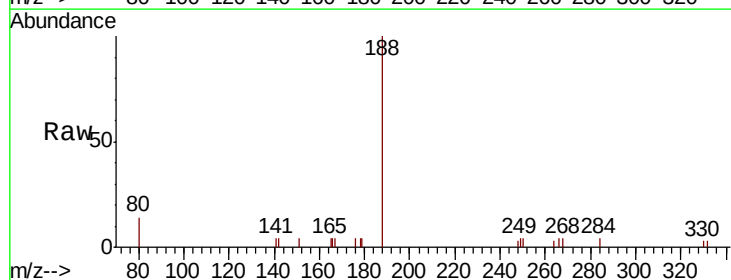
Tgt Ion:188 Resp: 3083

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

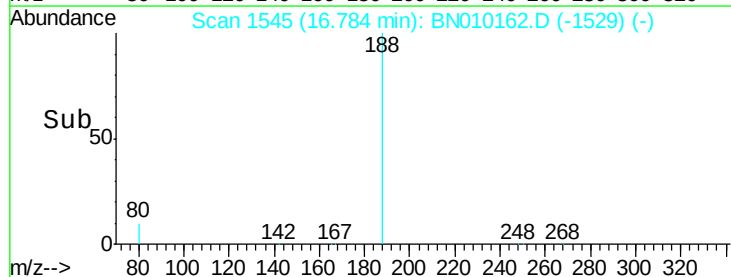
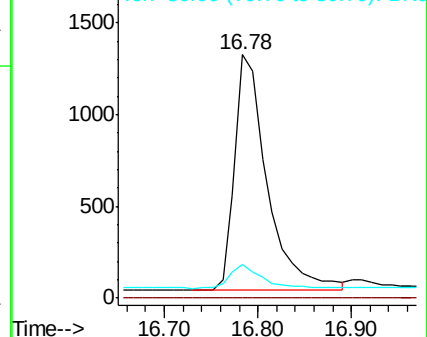
80 13.9 8.3 12.5#

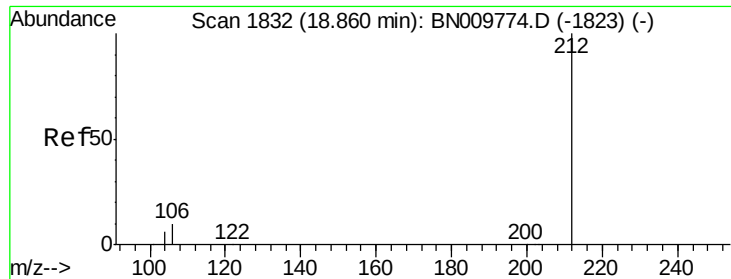


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#25

Fluoranthene-d10

Concen: 0.350 ng

RT: 18.83 min Scan# 1825

Delta R.T. -0.03 min

Lab File: BN010162.D

Acq: 10 Mar 2020 15:32

Instrument :

BNA_N

ClientSampleId :

PB127383BL

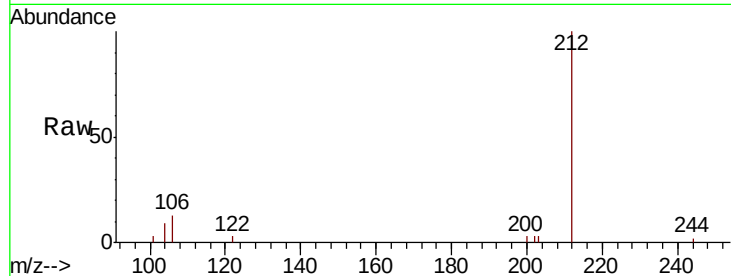
Tot Ion:212 Resp: 3736

Ion Ratio Lower Upper

212 100

106 10.4 8.4 12.6

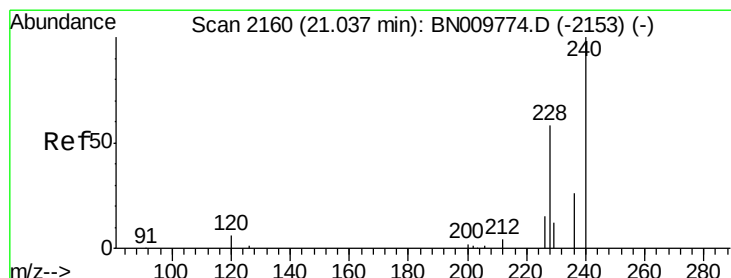
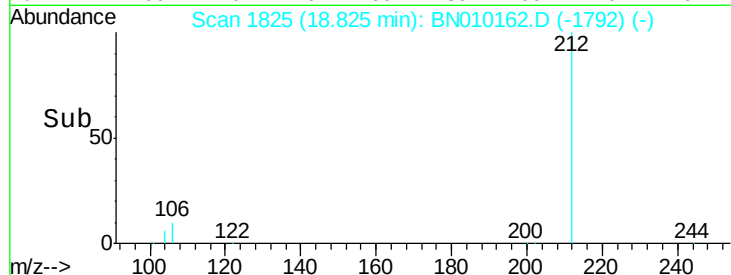
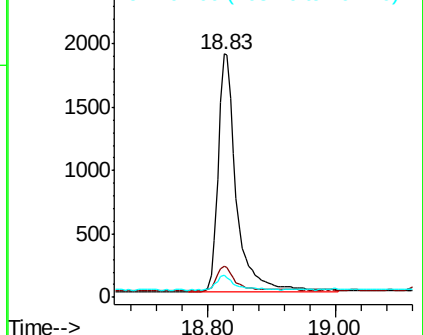
104 6.0 4.8 7.2



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: 20.99 min Scan# 2156

Delta R.T. -0.04 min

Lab File: BN010162.D

Acq: 10 Mar 2020 15:32

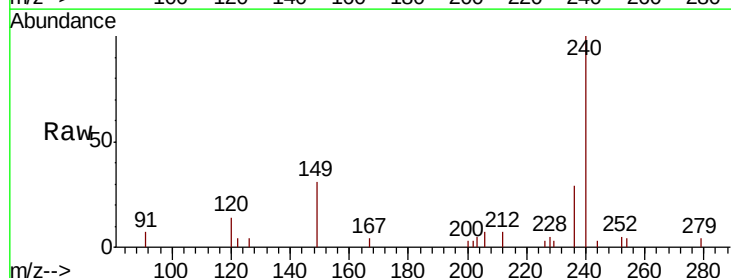
Tgt Ion:240 Resp: 3420

Ion Ratio Lower Upper

240 100

120 13.9 7.9 11.9#

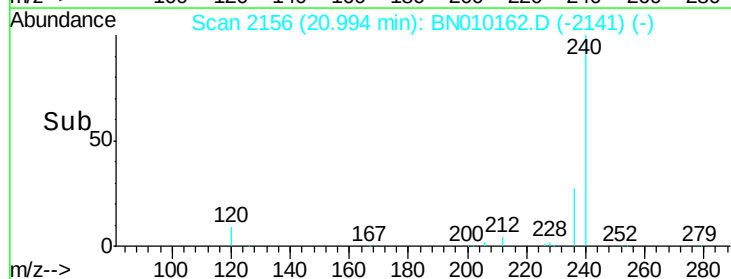
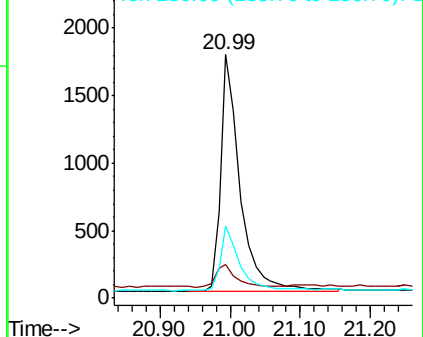
236 29.4 22.0 33.0

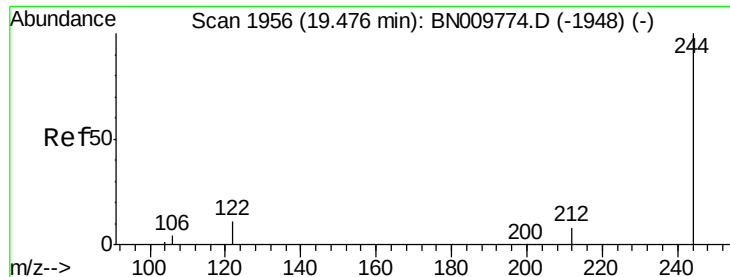


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.424 ng

RT: 19.43 min Scan# 1947

Delta R.T. -0.04 min

Lab File: BN010162.D

Acq: 10 Mar 2020 15:32

Instrument :

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PB127383BL

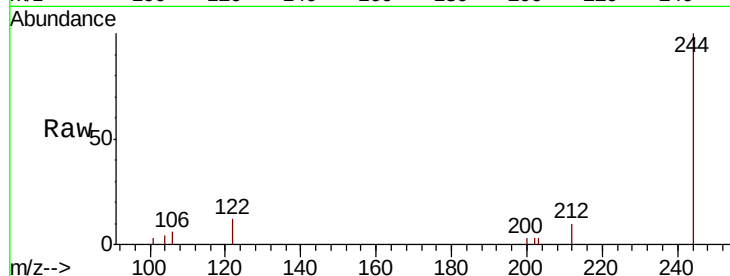
Tot Ion:244 Resp: 3462

Ion Ratio Lower Upper

244 100

212 10.2 8.0 12.0

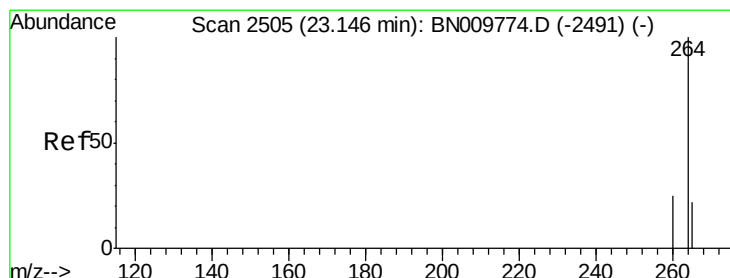
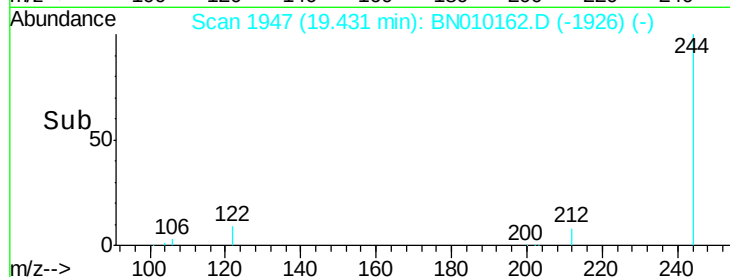
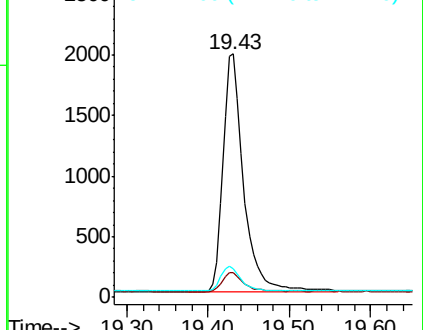
122 12.0 10.0 15.0



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: 23.10 min Scan# 2491

Delta R.T. -0.05 min

Lab File: BN010162.D

Acq: 10 Mar 2020 15:32

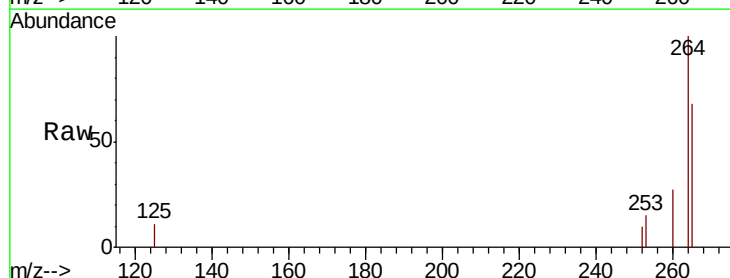
Tgt Ion:264 Resp: 3718

Ion Ratio Lower Upper

264 100

260 26.5 21.1 31.7

265 68.1 57.5 86.3



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

