

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082120\
 Data File : BN011598.D
 Acq On : 22 Aug 2020 22:22
 Operator : CG/JU
 Sample : SP5241
 Misc : 8270 SIM SURR. 0.4ng
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP5241

Quant Time: Aug 24 03:13:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 22 04:52:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	2185	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	7783	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	3926	0.40	ng	0.00
19) Phenanthrene-d10	16.79	188	7550	0.40	ng	0.00
29) Chrysene-d12	21.00	240	5793	0.40	ng	-0.01
36) Perylene-d12	23.10	264	6715	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.07	112	1753	0.38	ng	0.00
5) Phenol-d6	6.64	99	1359	0.29	ng	0.02
8) Nitrobenzene-d5	8.56	82	1180	0.23	ng	0.01
11) 2-Methylnaphthalene-d10	11.74	152	3882	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	384	0.20	ng	0.00
15) 2-Fluorobiphenyl	12.64	172	5264	0.33	ng	-0.01
27) Fluoranthene-d10	18.83	212	6029	0.24	ng	0.00
31) Terphenyl-d14	19.45	244	4863	0.32	ng	0.00

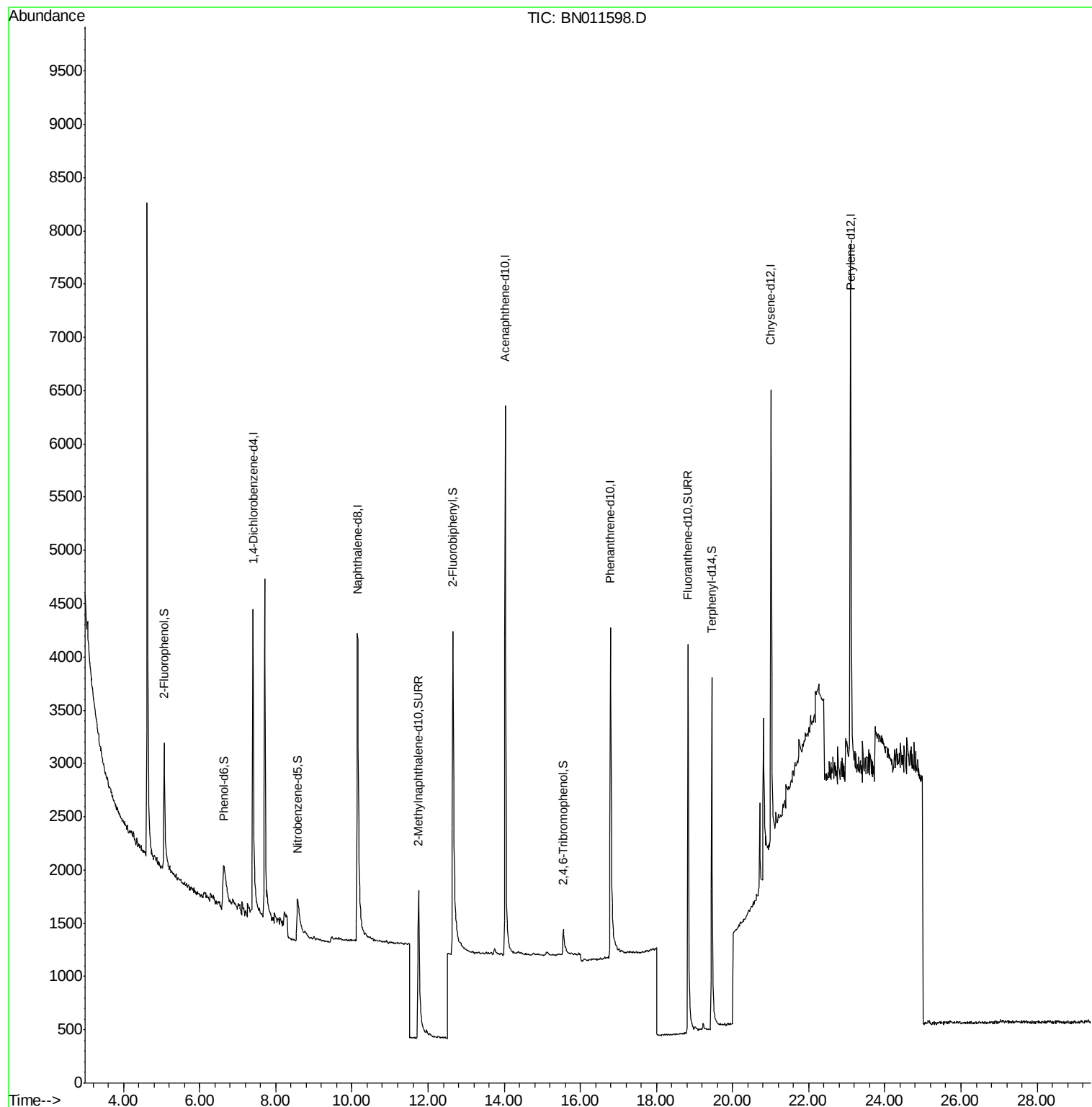
Target Compounds	Qvalue

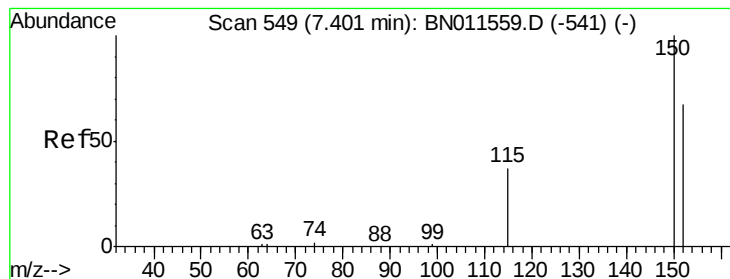
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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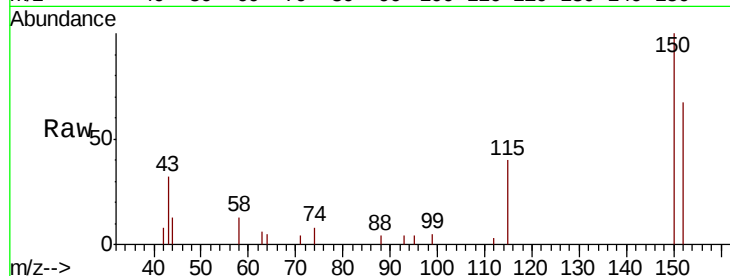


#1

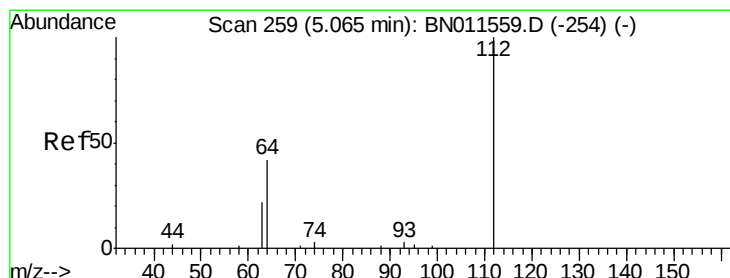
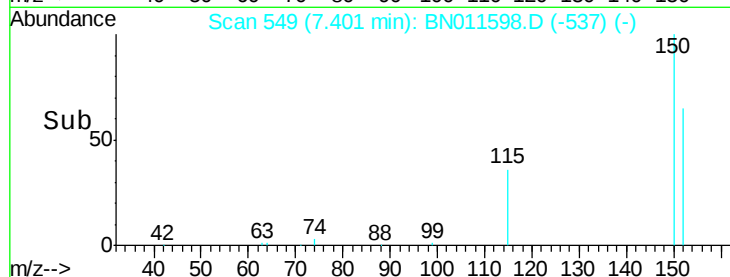
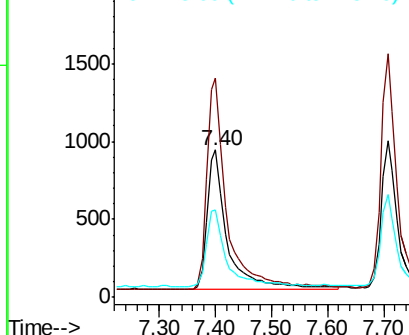
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 549
Delta R.T. 0.00 min
Lab File: BN011598.D
Acq: 22 Aug 2020 22:22

Instrument :
BNA_N
ClientSampleId :
SP5241

Tot Ion:152 Resp: 2185
Ion Ratio Lower Upper
152 100
150 149.3 117.1 175.7
115 59.6 48.7 73.1



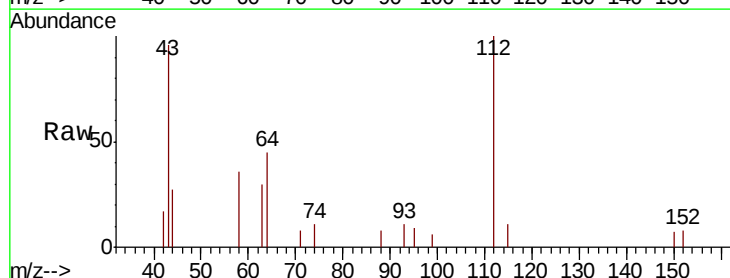
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



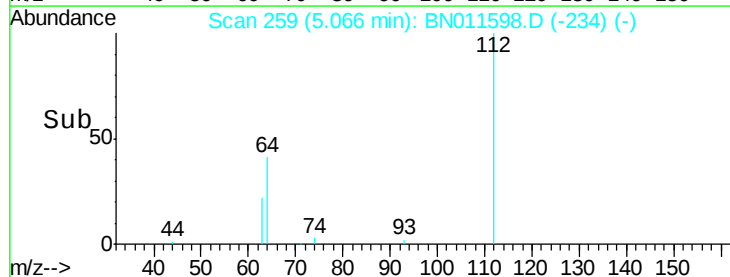
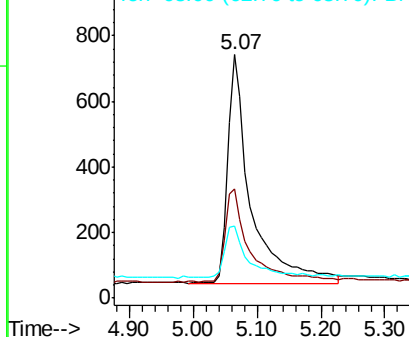
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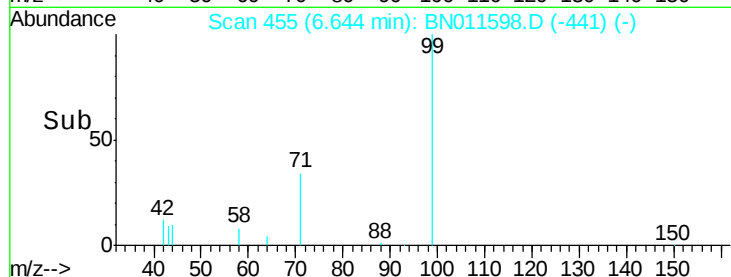
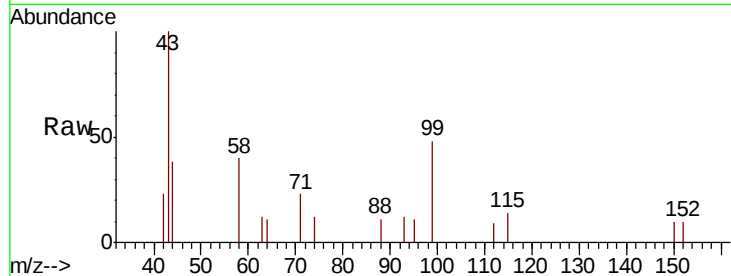
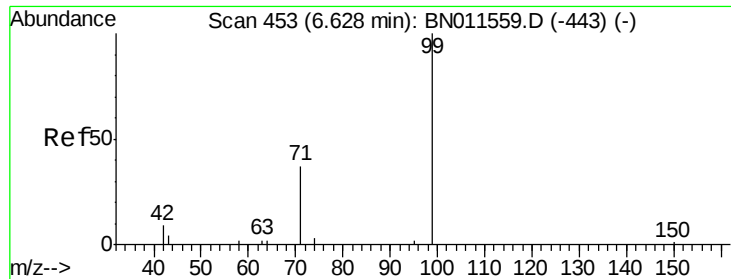
2-Fluorophenol
Concen: 0.376 ng
RT: 5.07 min Scan# 259
Delta R.T. 0.00 min
Lab File: BN011598.D
Acq: 22 Aug 2020 22:22

Tgt Ion:112 Resp: 1753
Ion Ratio Lower Upper
112 100
64 41.9 33.9 50.9
63 23.2 17.7 26.5



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

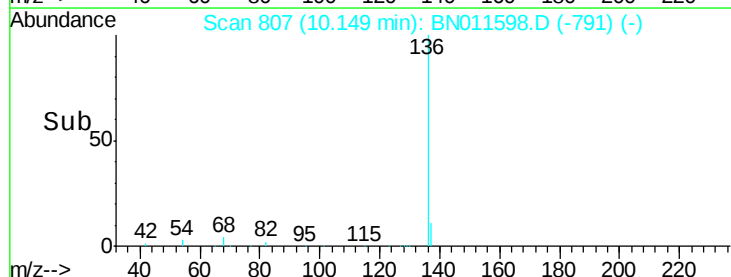
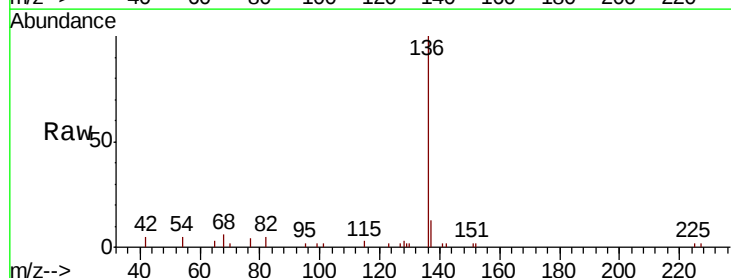
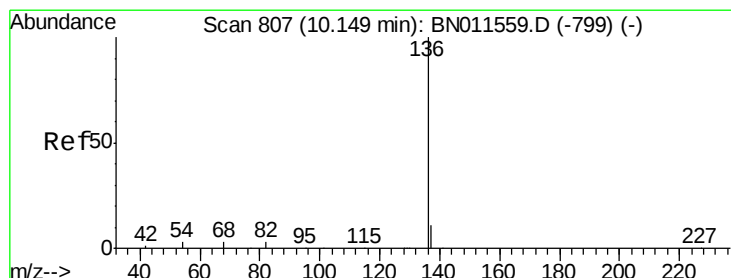
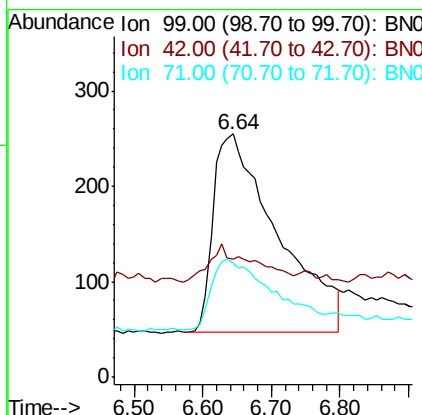




#5
Phenol-d6
Concen: 0.289 ng
RT: 6.64 min Scan# 455
Delta R.T. 0.02 min
Lab File: BN011598.D
Acq: 22 Aug 2020 22:22

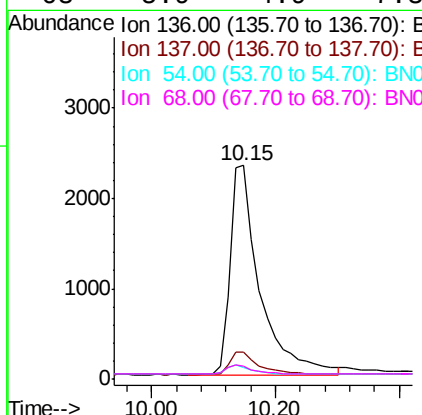
Instrument :
BNA_N
ClientSampleId :
SP5241

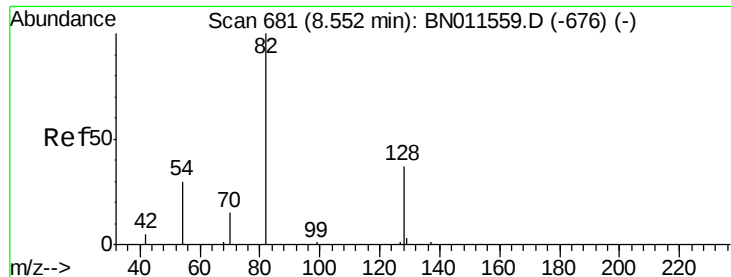
Tot Ion	Ratio	Lower	Upper
99	100		
42	13.4	9.0	13.4
71	34.9	30.4	45.6



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 807
Delta R.T. 0.00 min
Lab File: BN011598.D
Acq: 22 Aug 2020 22:22

Tgt Ion	Ratio	Lower	Upper
136	100		
137	12.6	11.0	16.4
54	5.2	4.3	6.5
68	5.9	4.9	7.3

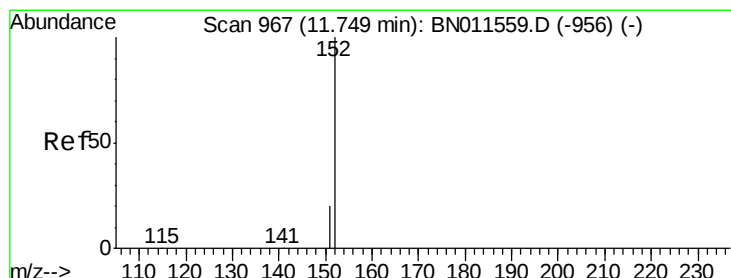
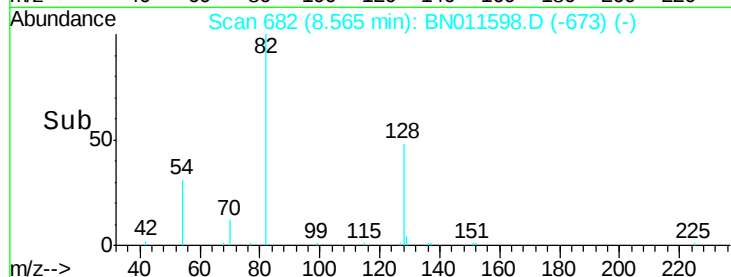
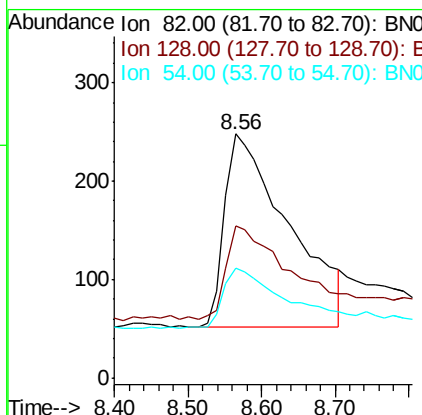
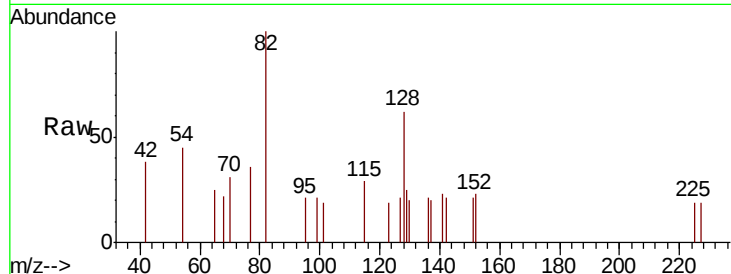




#8
 Nitrobenzene-d5
 Concen: 0.231 ng
 RT: 8.56 min Scan# 682
 Delta R.T. 0.01 min
 Lab File: BN011598.D
 Acq: 22 Aug 2020 22:22

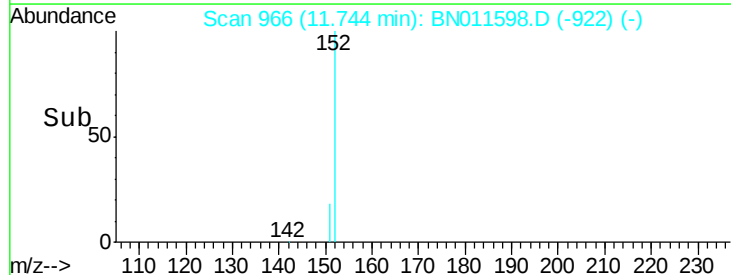
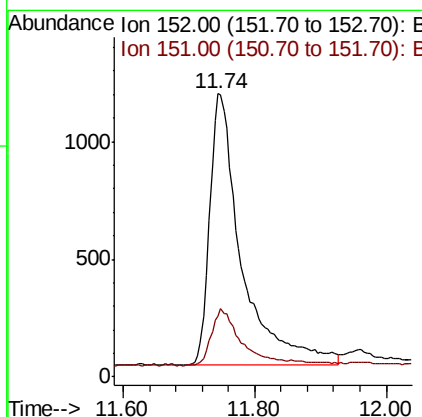
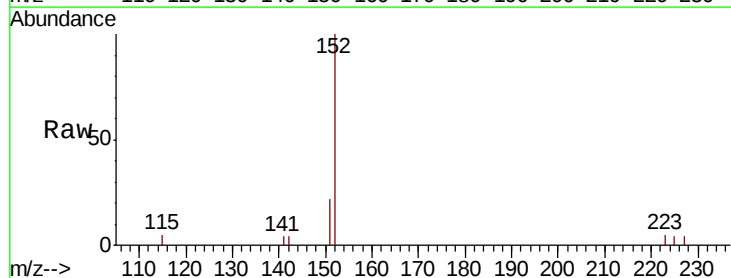
Instrument :
 BNA_N
 ClientSampleId :
 SP5241

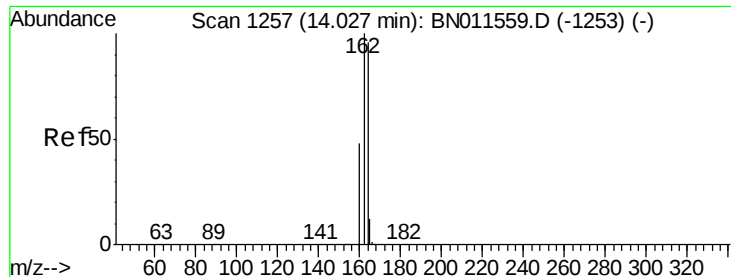
Tot Ion	82	Resp	1180
Ion Ratio	100		
Lower	41.7		
Upper	62.5		
128	62.5		
54	45.2		
	34.4		
	51.6		



#11
 2-Methylnaphthalene-d10
 Concen: 0.279 ng
 RT: 11.74 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: BN011598.D
 Acq: 22 Aug 2020 22:22

Tgt Ion	152	Resp	3882
Ion Ratio	100		
Lower	16.6		
Upper	24.8		
151	19.6		





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1257

Delta R.T. 0.00 min

Lab File: BN011598.D

Acq: 22 Aug 2020 22:22

Instrument :

BNA_N

ClientSampled :

SP5241

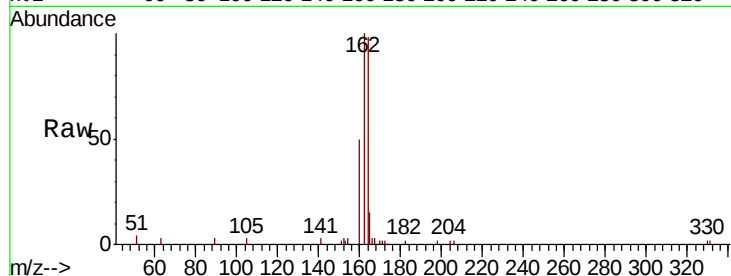
Tot Ion:164 Resp: 3926

Ion Ratio Lower Upper

164 100

162 102.2 83.7 125.5

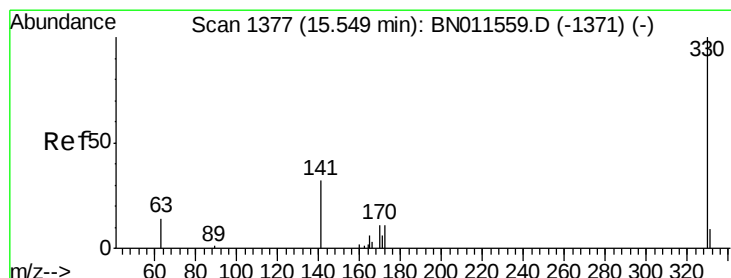
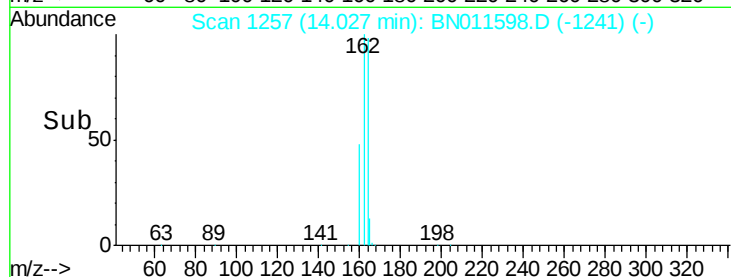
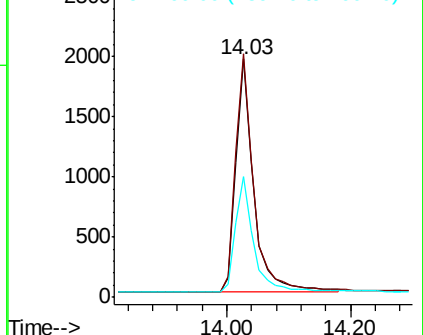
160 50.7 41.1 61.7



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: 0.196 ng

RT: 15.55 min Scan# 1377

Delta R.T. 0.00 min

Lab File: BN011598.D

Acq: 22 Aug 2020 22:22

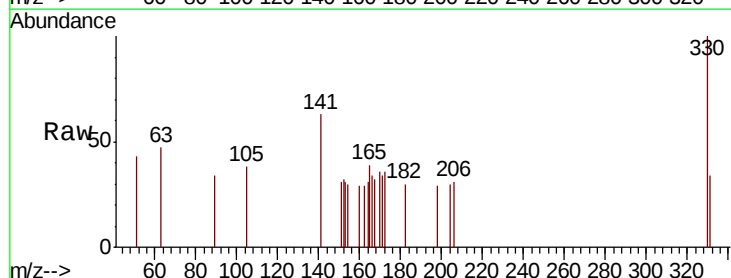
Tgt Ion:330 Resp: 384

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

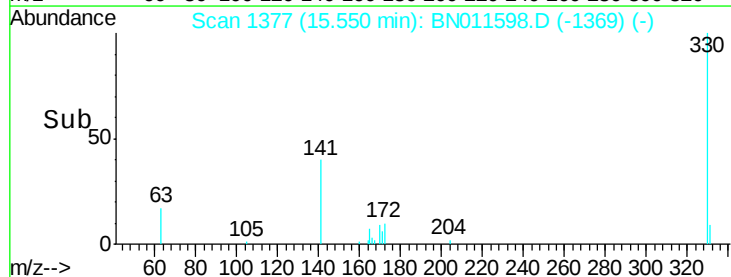
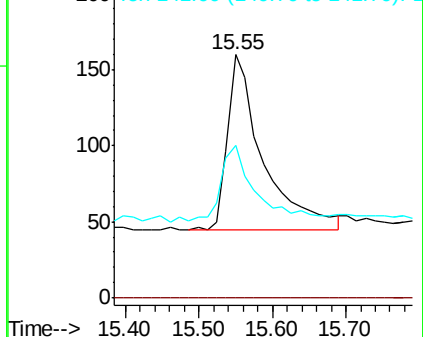
141 40.1 34.6 52.0

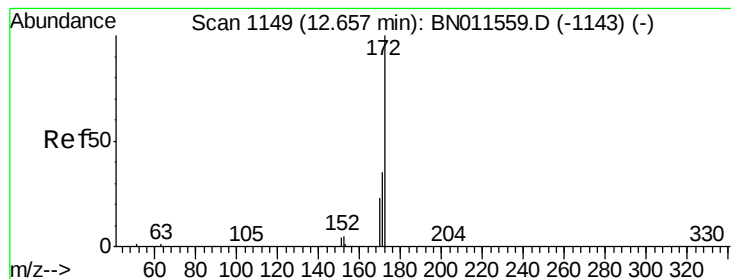


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

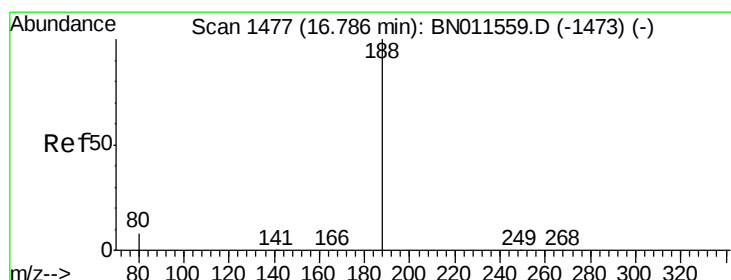
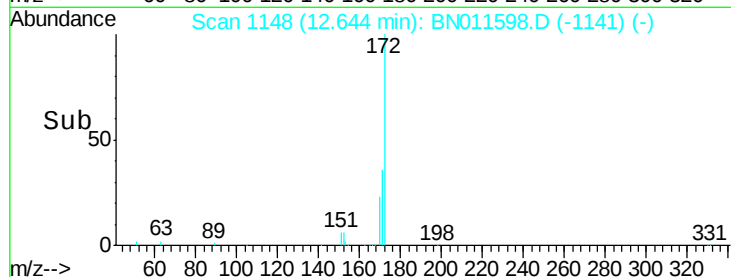
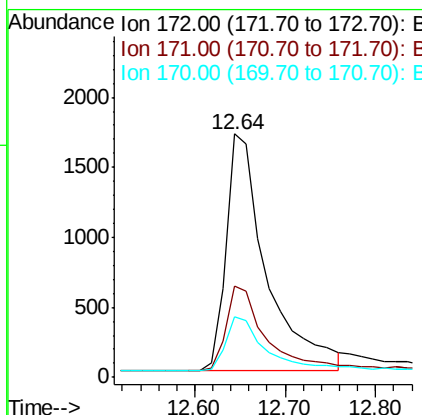
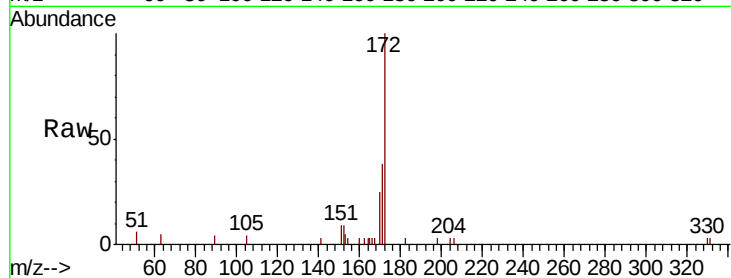




#15
2-Fluorobiphenyl
Concen: 0.326 ng
RT: 12.64 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BN011598.D
Acq: 22 Aug 2020 22:22

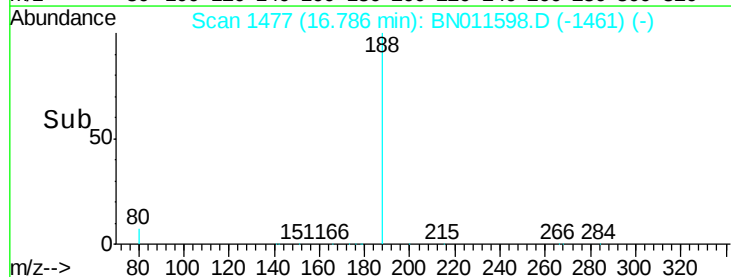
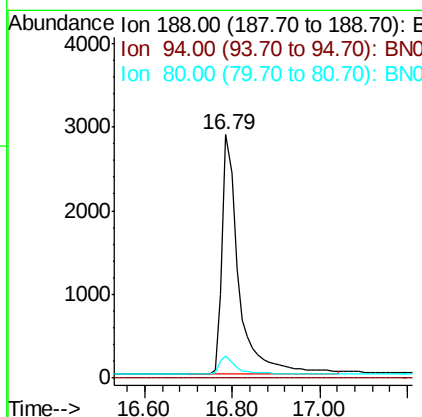
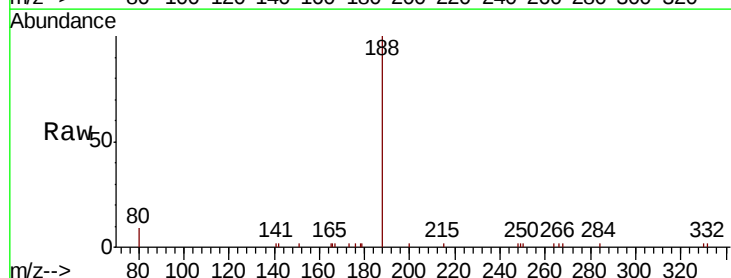
Instrument :
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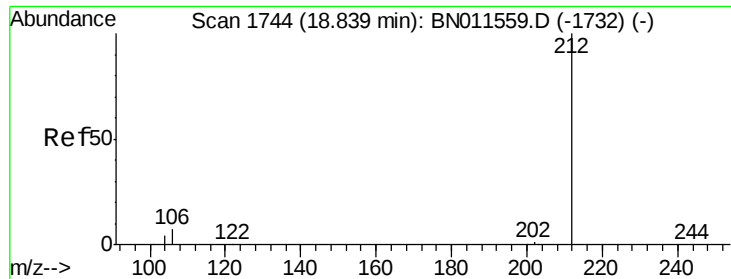
Tot Ion:172 Resp: 5264
Ion Ratio Lower Upper
172 100
171 37.7 29.4 44.0
170 24.8 20.1 30.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.79 min Scan# 1477
Delta R.T. 0.00 min
Lab File: BN011598.D
Acq: 22 Aug 2020 22:22

Tgt Ion:188 Resp: 7550
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.0 7.6 11.4

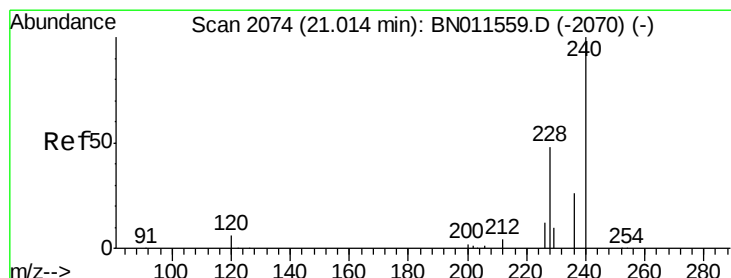
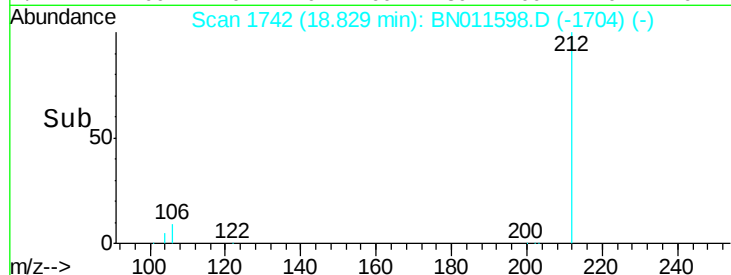
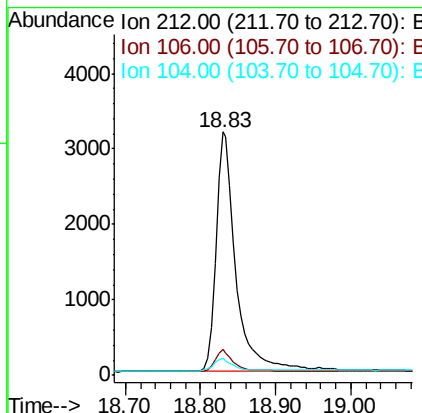
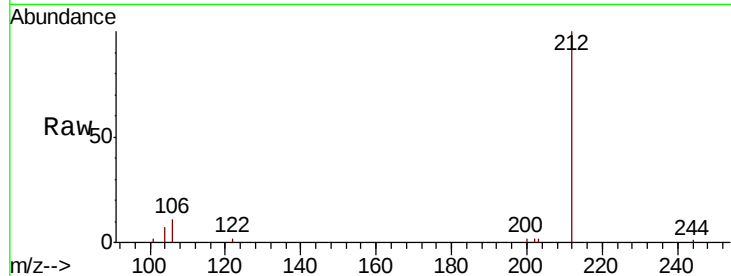




#27
 Fluoranthene-d10
 Concen: 0.237 ng
 RT: 18.83 min Scan# 1742
 Delta R.T. -0.01 min
 Lab File: BN011598.D
 Acq: 22 Aug 2020 22:22

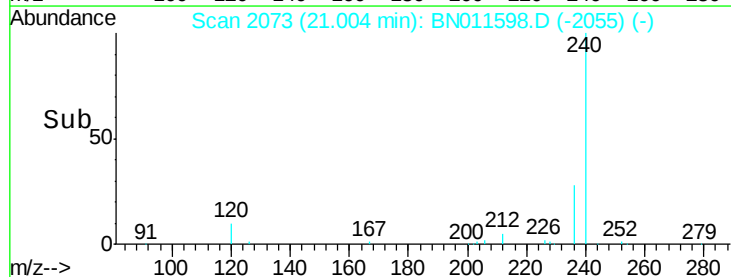
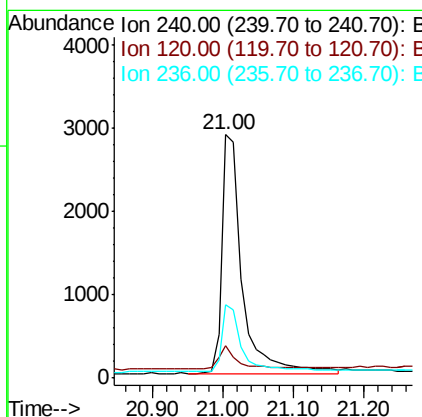
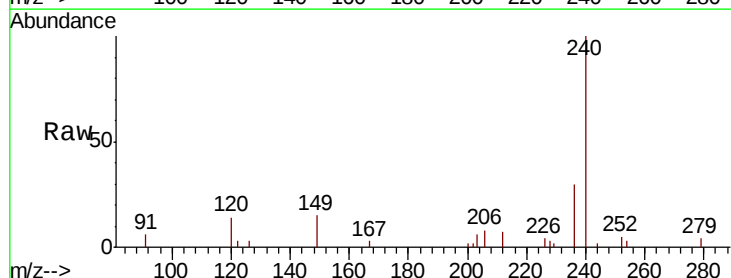
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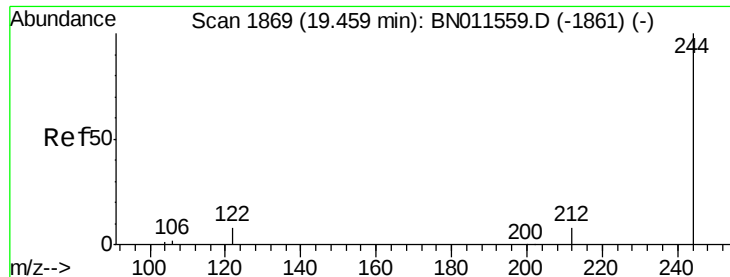
Tot Ion:212 Resp: 6029
 Ion Ratio Lower Upper
 212 100
 106 8.6 6.2 9.2
 104 5.1 3.8 5.6



#29
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.00 min Scan# 2073
 Delta R.T. -0.01 min
 Lab File: BN011598.D
 Acq: 22 Aug 2020 22:22

Tgt Ion:240 Resp: 5793
 Ion Ratio Lower Upper
 240 100
 120 13.5 7.4 11.0#
 236 30.0 22.3 33.5





#31

Terphenyl-d14

Concen: 0.322 ng

RT: 19.45 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BN011598.D

Acq: 22 Aug 2020 22:22

Instrument :

BNA_N

ClientSampleId :

SP5241

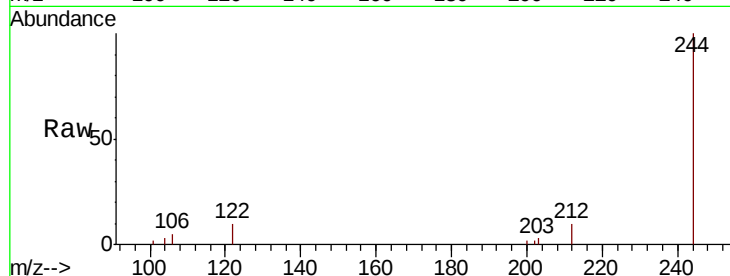
Tot Ion:244 Resp: 4863

Ion Ratio Lower Upper

244 100

212 9.6 8.2 12.4

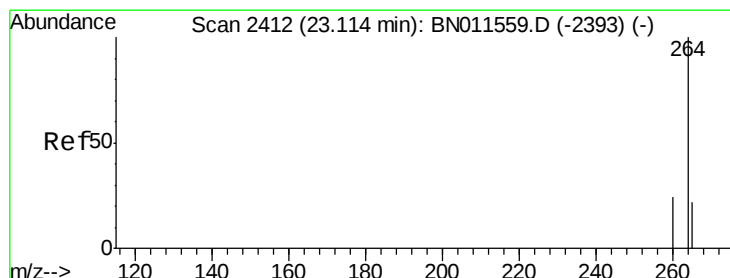
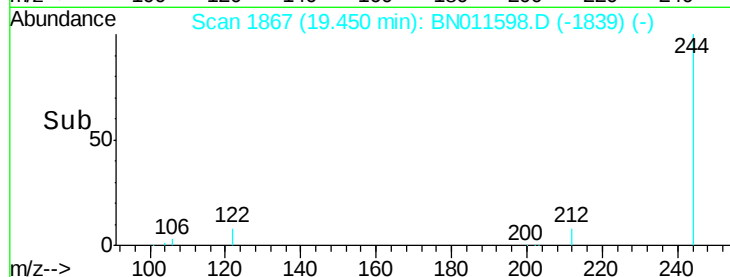
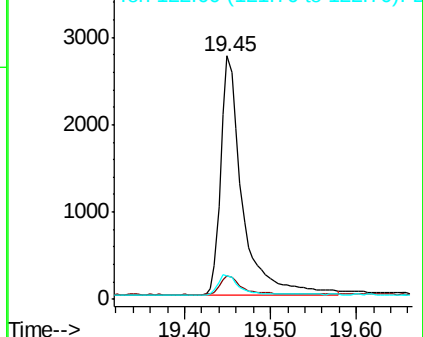
122 9.9 8.0 12.0



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



#36

Perylene-d12

Concen: 0.400 ng

RT: 23.10 min Scan# 2407

Delta R.T. -0.02 min

Lab File: BN011598.D

Acq: 22 Aug 2020 22:22

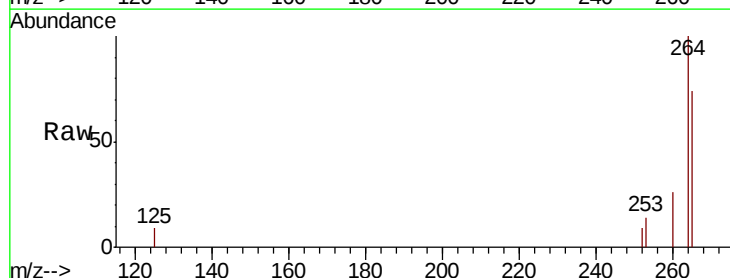
Tgt Ion:264 Resp: 6715

Ion Ratio Lower Upper

264 100

260 25.9 20.3 30.5

265 73.6 96.1 144.1#



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

