Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091820\
Data File : BN011835.D
Acq On : 18 Sep 2020 14:28
Operator : CG/JU
Sample : L3971-05DL 25X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PT-BN-WPDL

Quant Time: Sep 18 14:56:11 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 18 10:47:35 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	1894	0.40	ng	0.00
7) Naphthalene-d8	10.491	136	7198	0.40	ng	# 0.00
13) Acenaphthene-d10	14.357	164	4258	0.40	ng	0.00
19) Phenanthrene-d10	17.102	188	9237	0.40	ng	0.00
29) Chrysene-d12	21.312	240	10243	0.40	ng	# 0.00
36) Perylene-d12	23.566	264	9255	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.307	112	26652	4.76	ng	0.00
5) Phenol-d6	6.878	99	32811	4.78	ng	0.00
8) Nitrobenzene-d5	8.856	82	26180	3.61	ng	0.00
11) 2-Methylnaphthalene-d10	0.000	152	0d	0.00	ng	
14) 2,4,6-Tribromophenol	15.854	330	10701	4.94	ng	0.00
15) 2-Fluorobiphenyl	12.974	172	65602	3.56	ng	0.00
27) Fluoranthene-d10	0.000	212	0d	0.00	ng	
31) Terphenyl-d14	19.752	244	88999	3.81	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.559	42	13671	3.64	ng	# 80
6) bis(2-Chloroethyl)ether	7.143	93	8526	1.41	ng	99
9) Naphthalene	10.542	128	67703	3.34	ng	99
10) Hexachlorobutadiene	10.846	225	16039	3.43	ng	# 99
16) Acenaphthylene	14.078	152	73865	3.60	ng	100
17) Acenaphthene	14.420	154	77649	5.43	ng	93
18) Fluorene	15.410	166	31986	1.79	ng	100
22) Hexachlorobenzene	16.421	284	24618	3.62	ng	96
25) Phenanthrene	17.151	178	66914	2.29	ng	99
28) Fluoranthene	19.176	202	94577	2.77	ng	99
32) Benzo(a)anthracene	21.301	228	85662	2.47	ng	99
34) Bis(2-ethylhexyl)phtha...	21.237	149	46687	2.62	ng	98
37) Benzo(b)fluoranthene	22.888	252	106023	3.07	ng	97
38) Benzo(k)fluoranthene	22.936	252	109847	3.08	ng	98
41) Benzo(g,h,i)perylene	26.513	276	121266	3.36	ng	98

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

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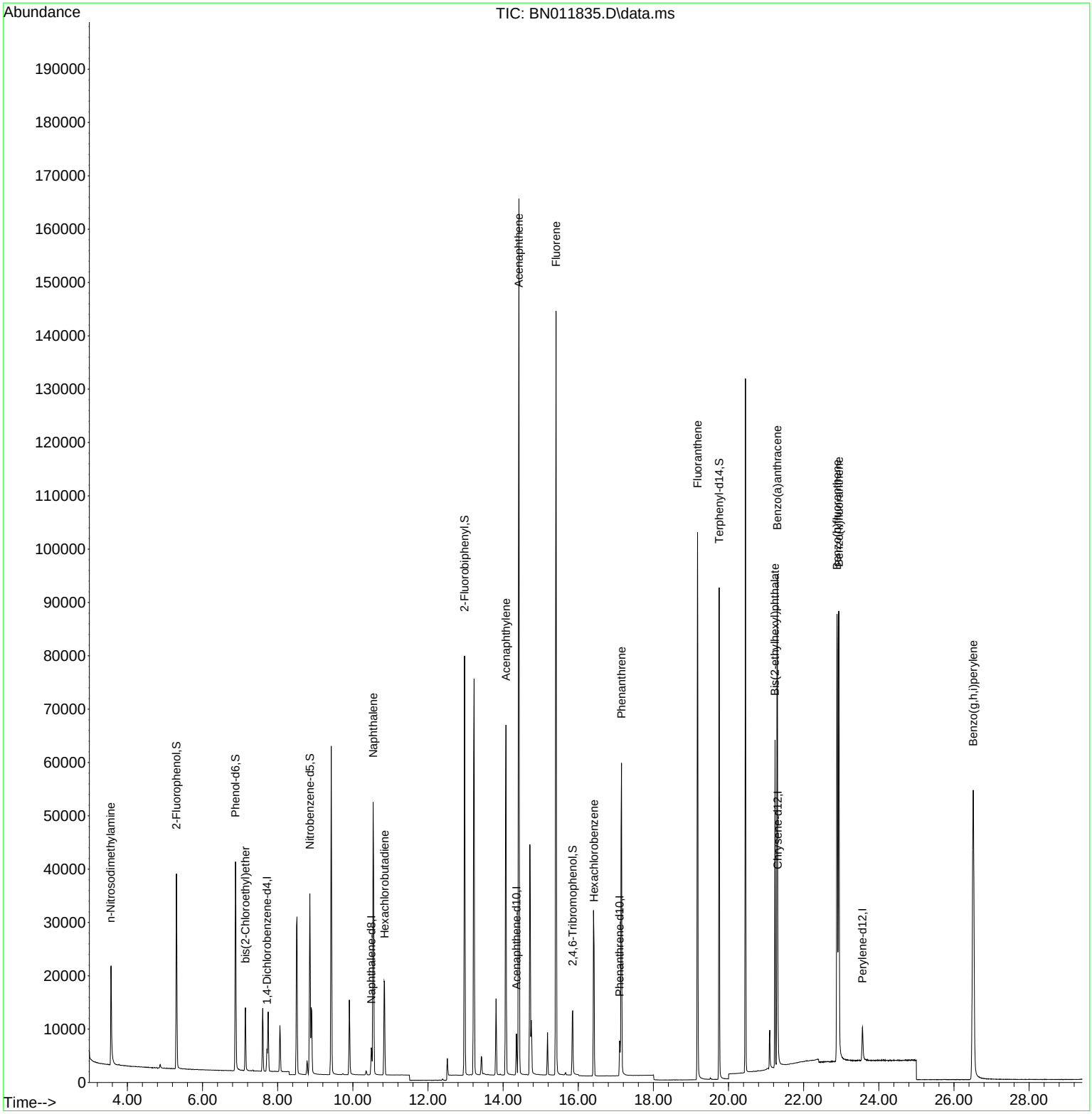
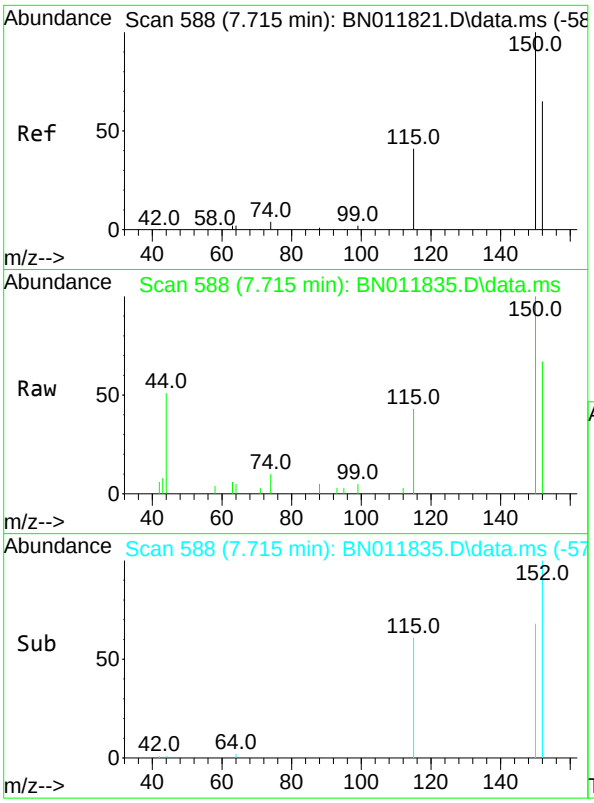
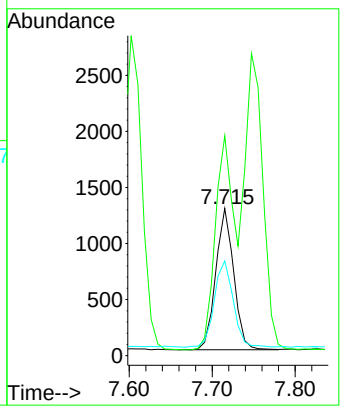




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.715 min Scan# 588
Delta R.T. 0.000 min
Lab File: BN011835.D
Acq: 18 Sep 2020 14:28

Tgt Ion:152 Resp: 1894

Ion	Ratio	Lower	Upper
152	100		
150	149.3	118.3	177.5
115	64.3	51.3	76.9



Instrument :
BNA_N
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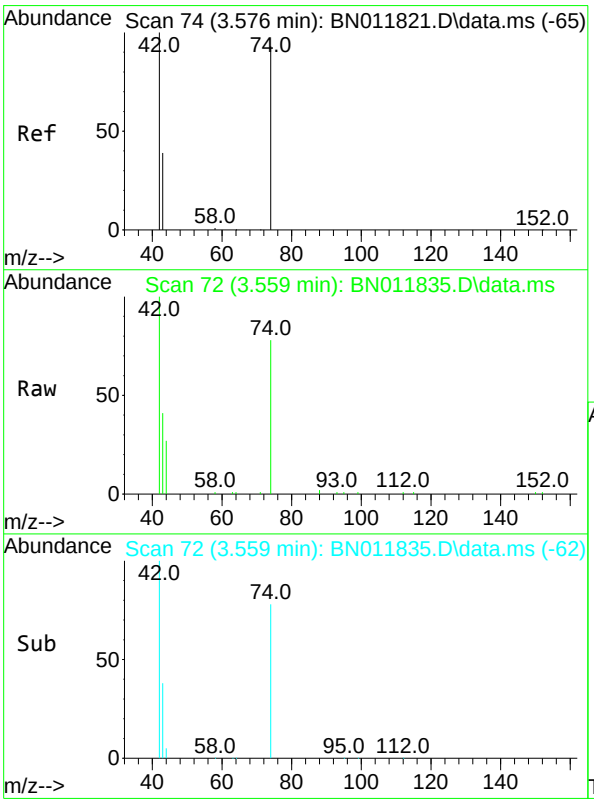
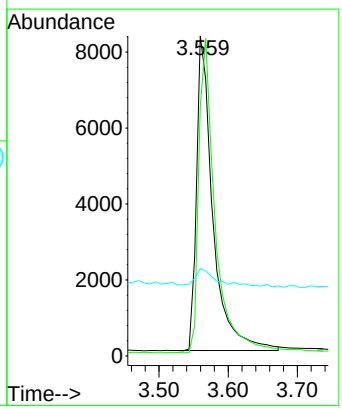
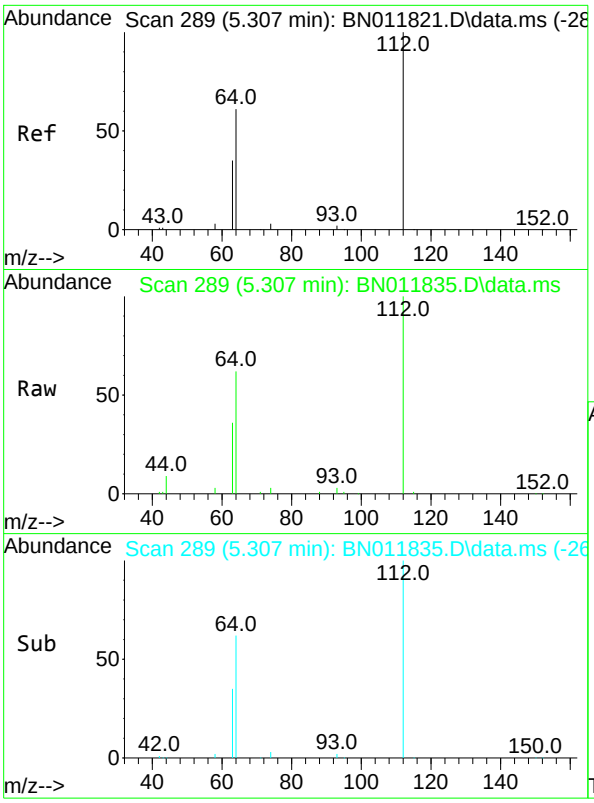


#3
n-Nitrosodimethylamine
Concen: 3.64 ng
RT: 3.559 min Scan# 72
Delta R.T. -0.016 min
Lab File: BN011835.D
Acq: 18 Sep 2020 14:28

Tgt Ion: 42 Resp: 13671

Ion	Ratio	Lower	Upper
42	100		
74	99.8	64.4	96.6#
44	6.8	6.7	10.1

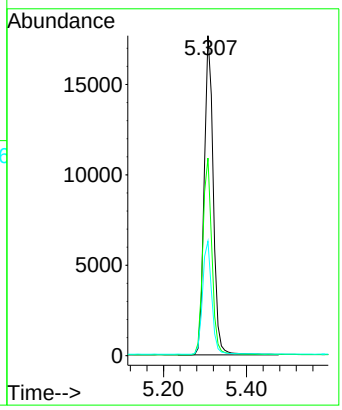




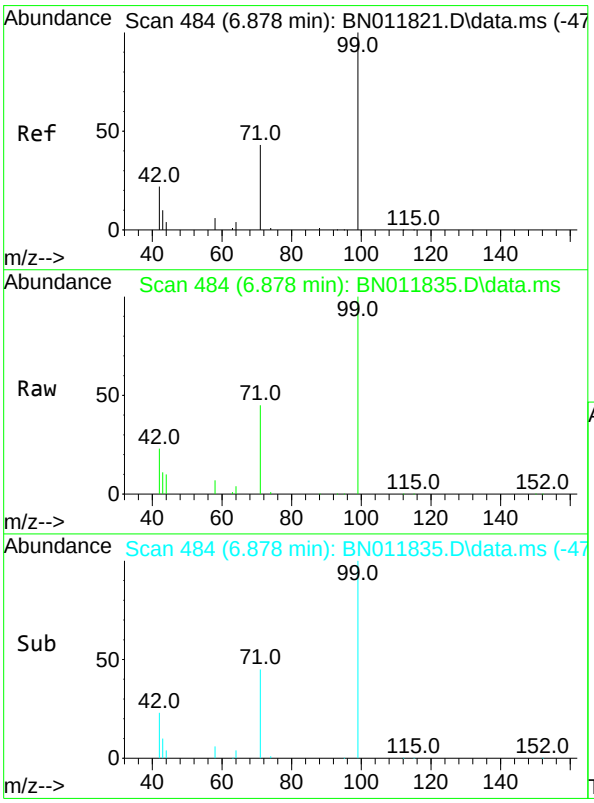
#4
2-Fluorophenol
Concen: 4.76 ng
RT: 5.307 min Scan# 289
Delta R.T. 0.000 min
Lab File: BN011835.D
Acq: 18 Sep 2020 14:28

Tgt Ion:112 Resp: 26652

Ion	Ratio	Lower	Upper
112	100		
64	61.9	49.0	73.6
63	35.6	31.8	47.6



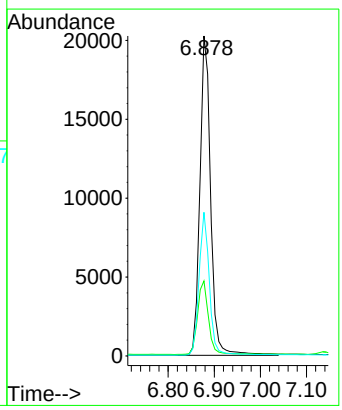
Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL



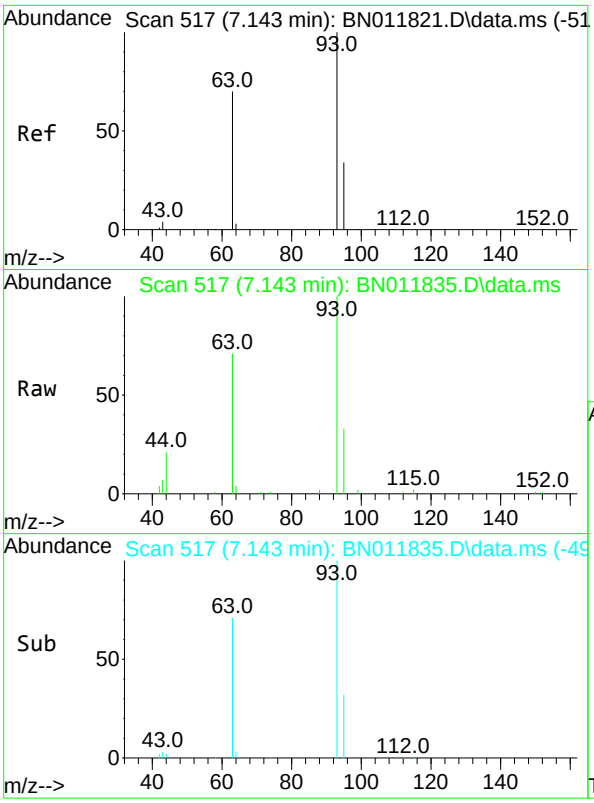
#5
Phenol-d6
Concen: 4.78 ng
RT: 6.878 min Scan# 484
Delta R.T. 0.000 min
Lab File: BN011835.D
Acq: 18 Sep 2020 14:28

Tgt Ion: 99 Resp: 32811

Ion	Ratio	Lower	Upper
99	100		
42	23.5	23.4	35.0
71	43.1	38.1	57.1



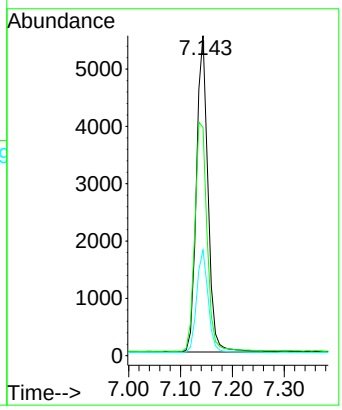
Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

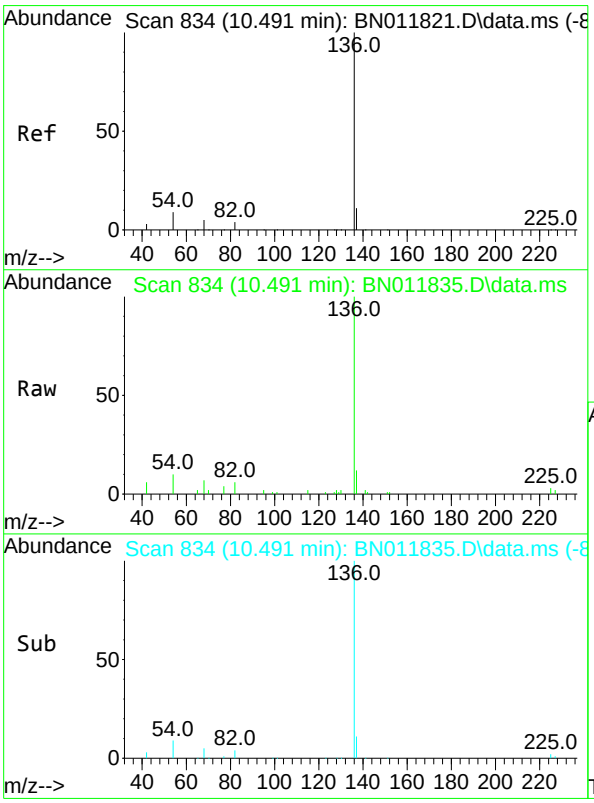


#6
bis(2-Chloroethyl)ether
Concen: 1.41 ng
RT: 7.143 min Scan# 517
Delta R.T. 0.000 min
Lab File: BN011835.D
Acq: 18 Sep 2020 14:28

Tgt Ion: 93 Resp: 8526

Ion	Ratio	Lower	Upper
93	100		
63	77.4	61.1	91.7
95	32.5	25.5	38.3

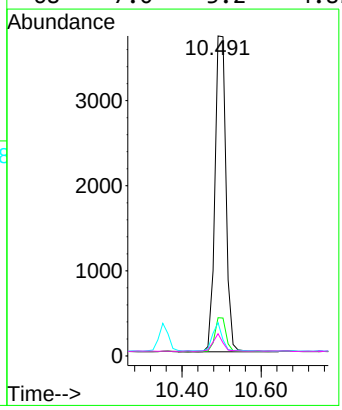




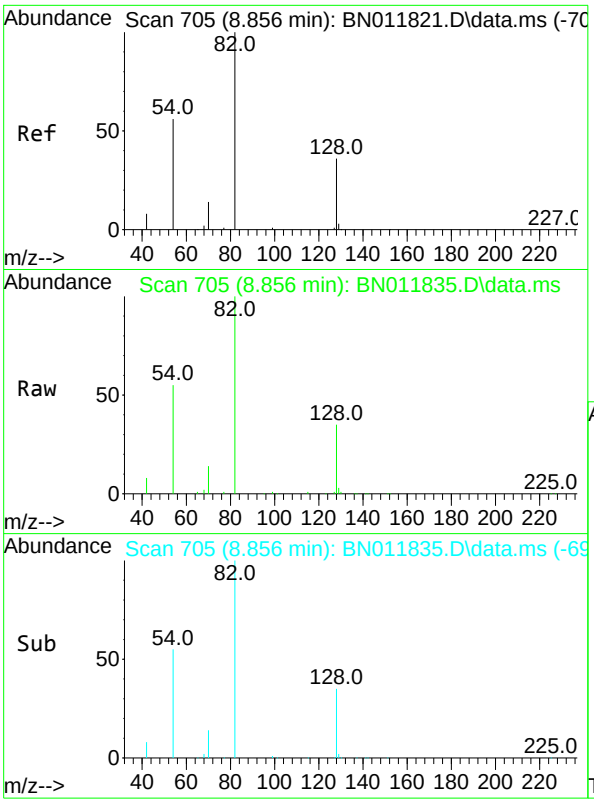
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.491 min Scan# 834
Delta R.T. 0.000 min
Lab File: BN011835.D
Acq: 18 Sep 2020 14:28

Tgt Ion:136 Resp: 7198

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.5	14.3
54	10.4	5.6	8.4#
68	7.0	3.2	4.8#



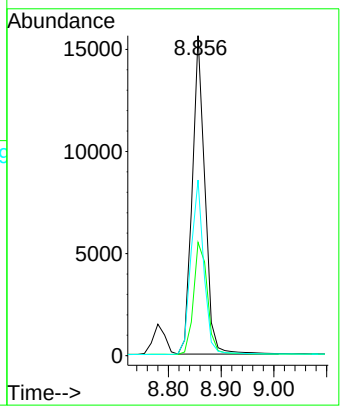
Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

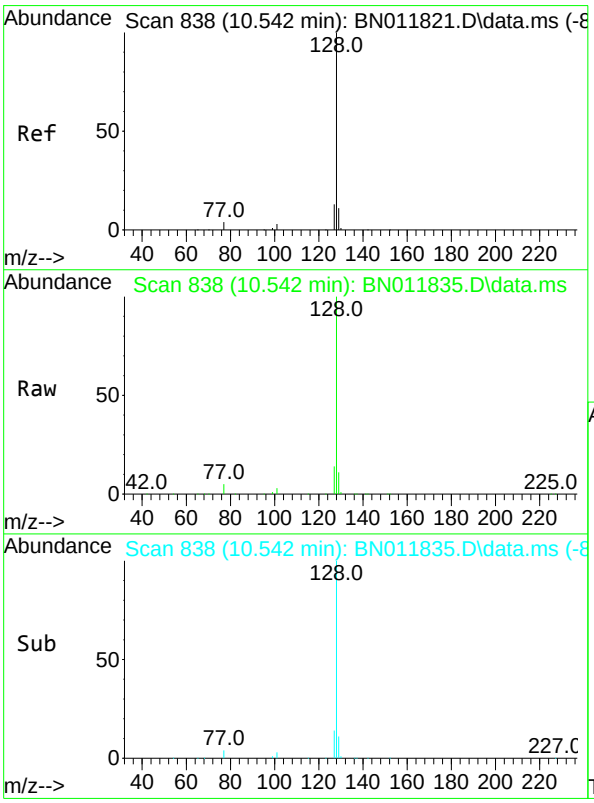


#8
Nitrobenzene-d5
Concen: 3.61 ng
RT: 8.856 min Scan# 705
Delta R.T. 0.000 min
Lab File: BN011835.D
Acq: 18 Sep 2020 14:28

Tgt Ion: 82 Resp: 26180

Ion	Ratio	Lower	Upper
82	100		
128	35.4	34.2	51.2
54	54.9	43.1	64.7

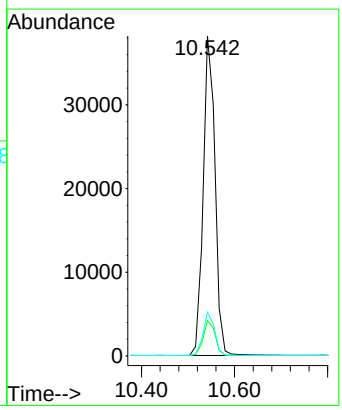


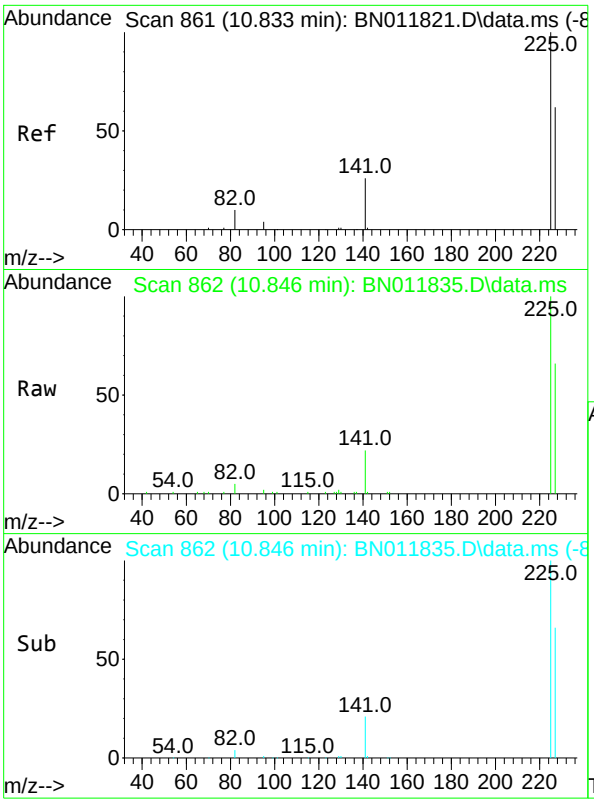


#9
Naphthalene
Concen: 3.34 ng
RT: 10.542 min Scan# 838
Delta R.T. 0.000 min
Lab File: BN011835.D
Acq: 18 Sep 2020 14:28

Tgt Ion:128 Resp: 67703

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.7	14.5
127	13.7	11.0	16.4

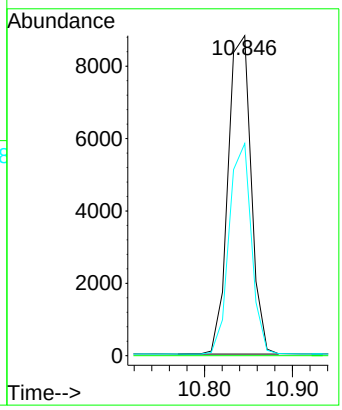




#10
Hexachlorobutadiene
Concen: 3.43 ng
RT: 10.846 min Scan# 862
Delta R.T. 0.013 min
Lab File: BN011835.D
Acq: 18 Sep 2020 14:28

Tgt Ion:225 Resp: 16039

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	51.9	77.9



Instrument :
BNA_N
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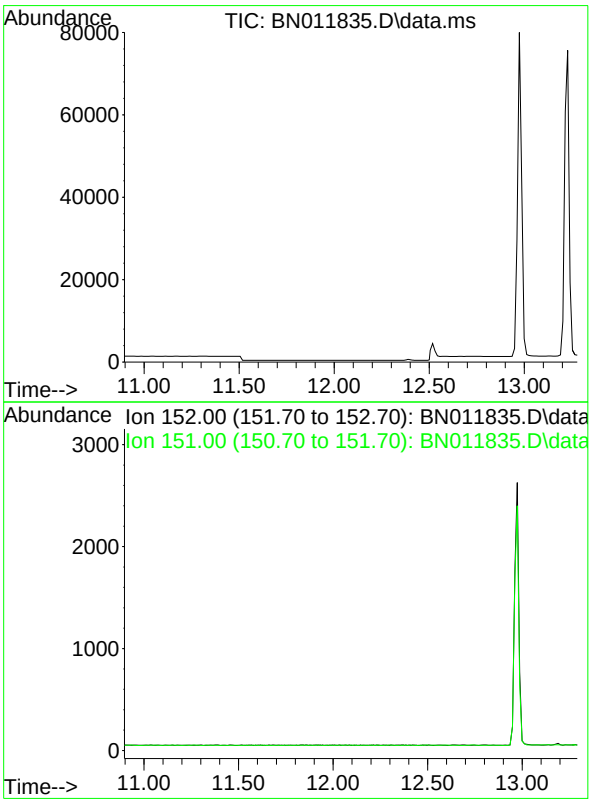


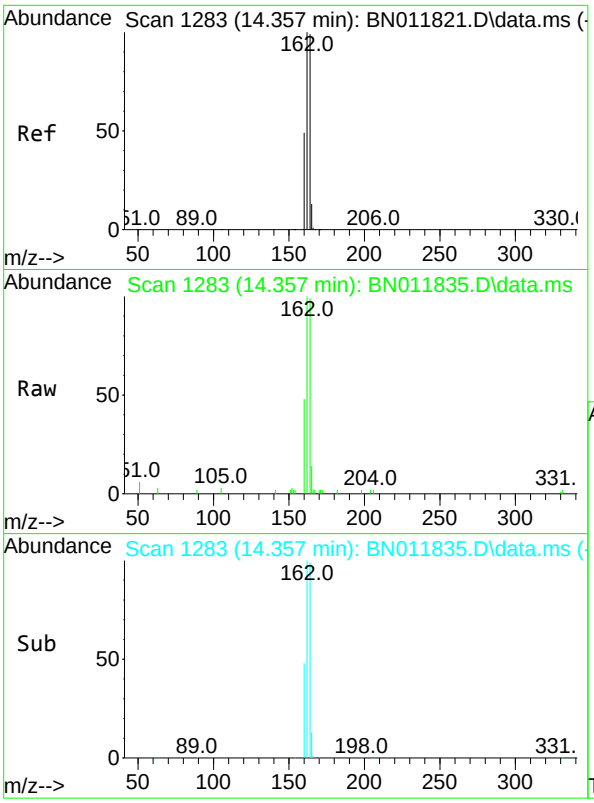
#11
2-Methylnaphthalene-d10
Concen: 0.00 ng
Expected RT: 12.09 min

Lab File: BN011835.D
Acq: 18 Sep 2020 14:28

Tgt Ion: 152

Sig	Exp Ratio
152	100
151	20.9

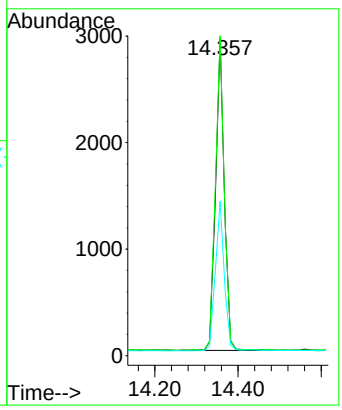
Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

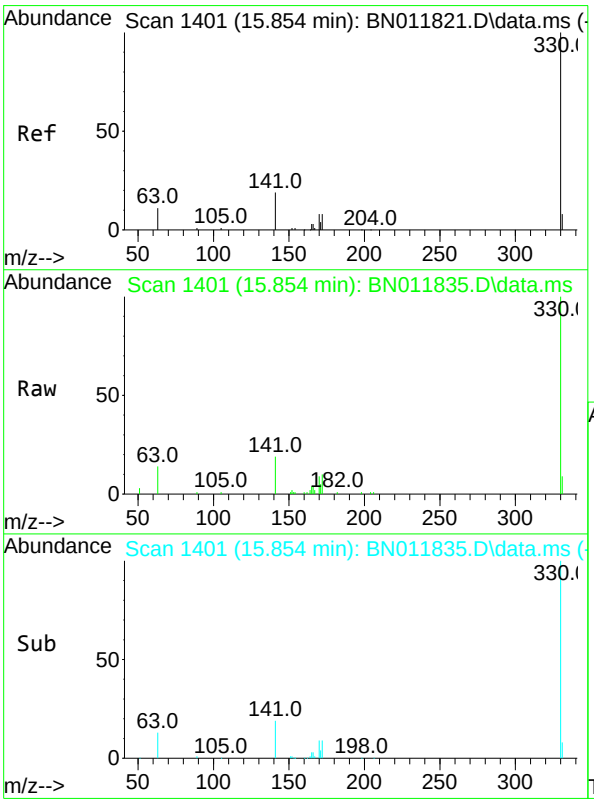


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.357 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BN011835.D
Acq: 18 Sep 2020 14:28

Tgt Ion:164 Resp: 4258

Ion	Ratio	Lower	Upper
164	100		
162	100.9	83.6	125.4
160	48.7	41.2	61.8

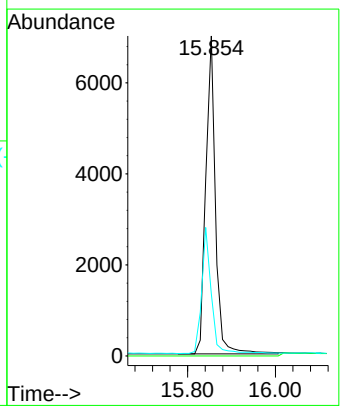


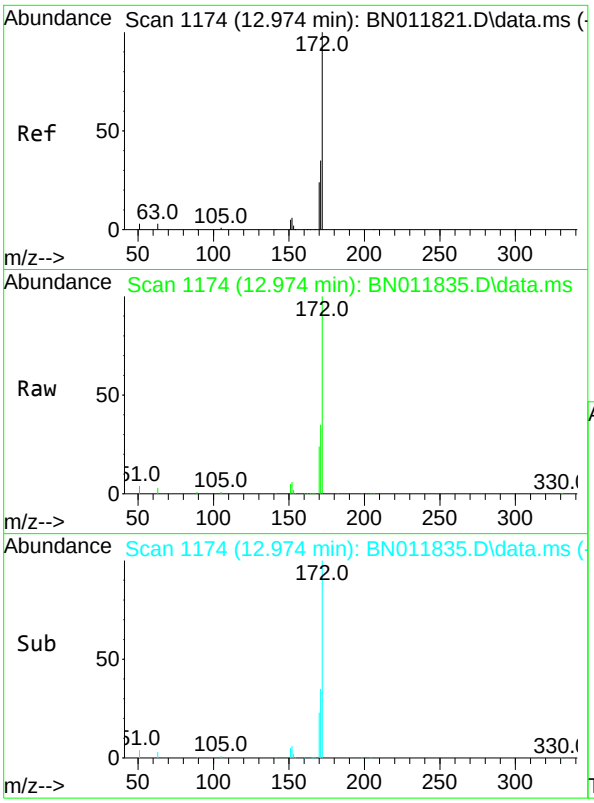


#14
2,4,6-Tribromophenol
Concen: 4.94 ng
RT: 15.854 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BN011835.D
Acq: 18 Sep 2020 14:28

Tgt Ion:330 Resp: 10701

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	39.7	33.7	50.5

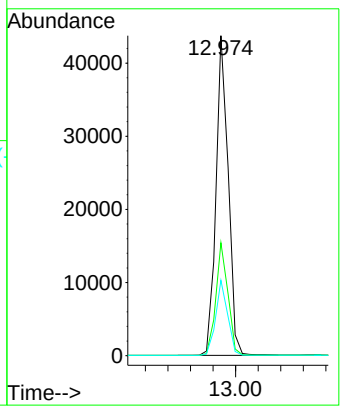


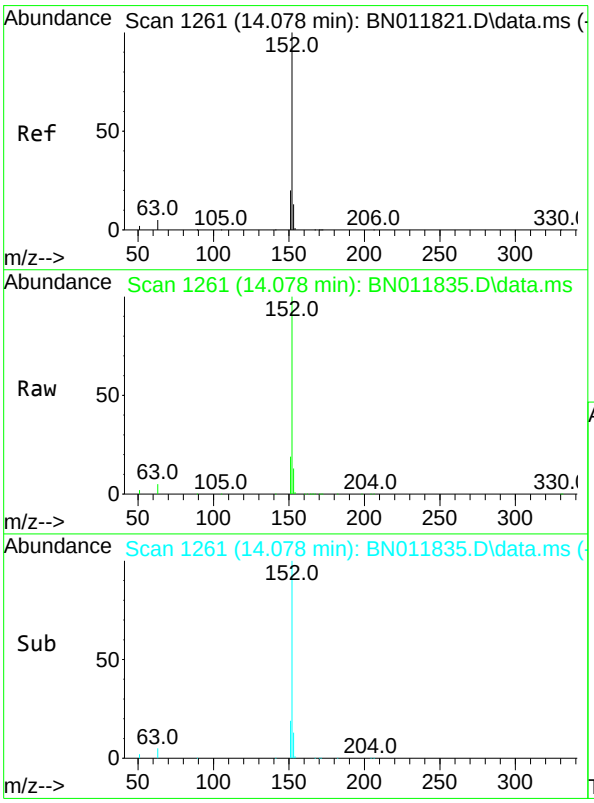


#15
2-Fluorobiphenyl
Concen: 3.56 ng
RT: 12.974 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BN011835.D
Acq: 18 Sep 2020 14:28

Tgt Ion:172 Resp: 65602

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.4	41.2
170	23.5	17.8	26.6

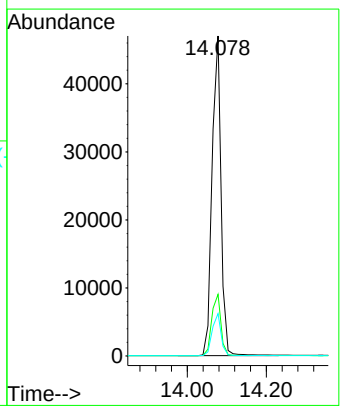




#16
Acenaphthylene
Concen: 3.60 ng
RT: 14.078 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BN011835.D
Acq: 18 Sep 2020 14:28

Tgt Ion:152 Resp: 73865

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.9	23.9
153	13.2	10.5	15.7



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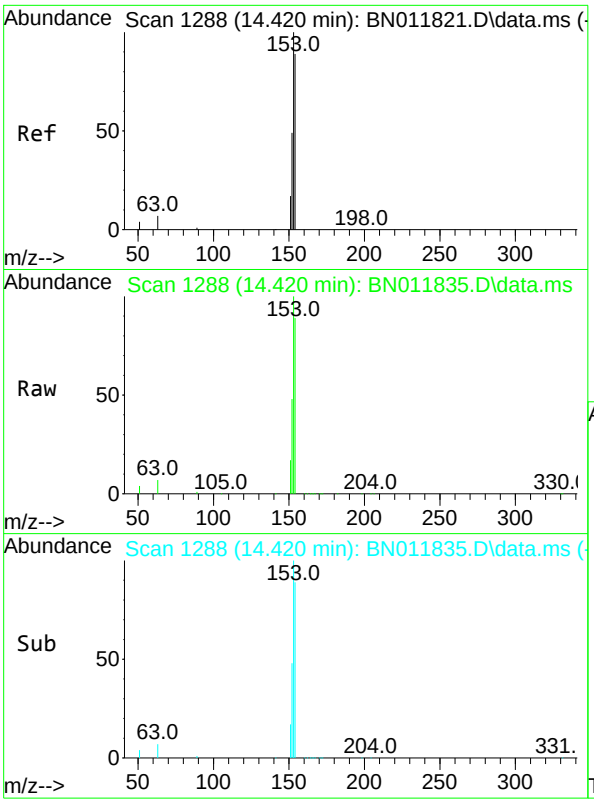
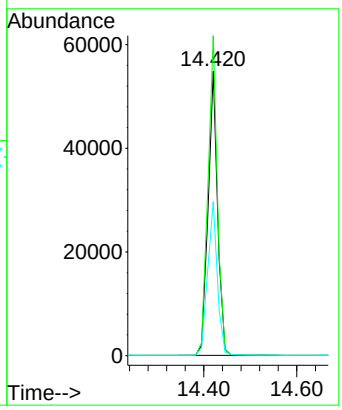
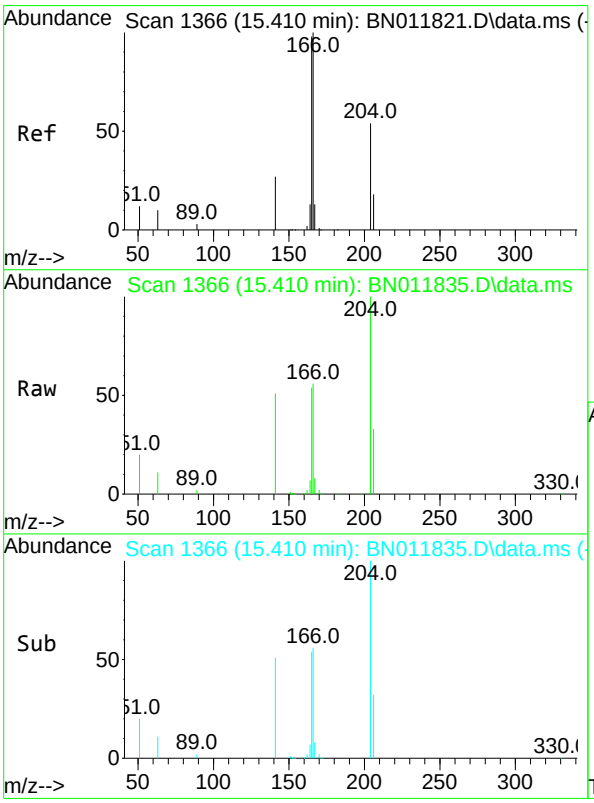


#17
Acenaphthene
Concen: 5.43 ng
RT: 14.420 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BN011835.D
Acq: 18 Sep 2020 14:28

Tgt Ion:154 Resp: 77649

Ion	Ratio	Lower	Upper
154	100		
153	113.4	83.4	125.2
152	55.8	42.8	64.2

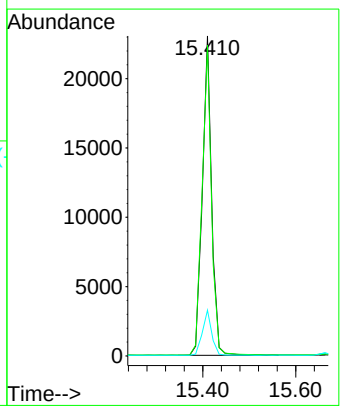




#18
Fluorene
Concen: 1.79 ng
RT: 15.410 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BN011835.D
Acq: 18 Sep 2020 14:28

Tgt Ion:166 Resp: 31986

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.8	118.2
167	14.2	11.2	16.8



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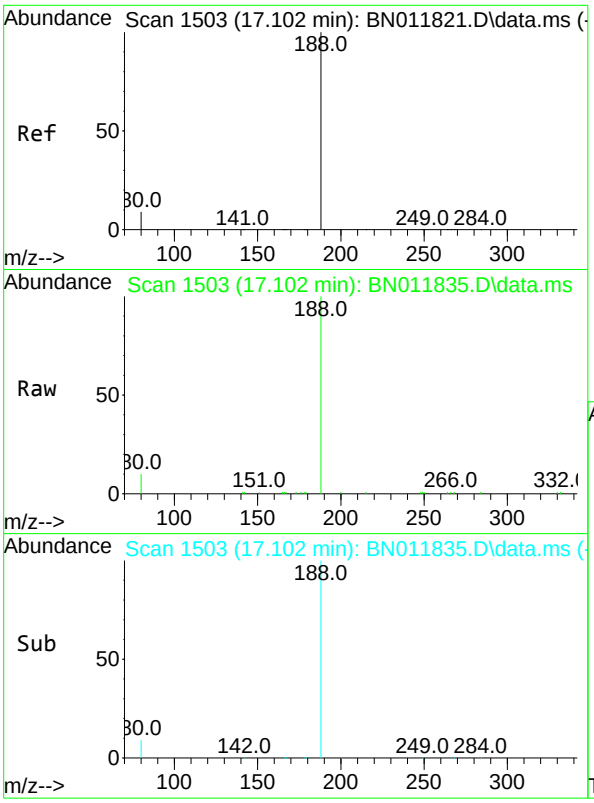
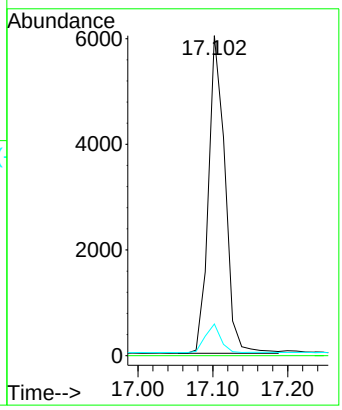
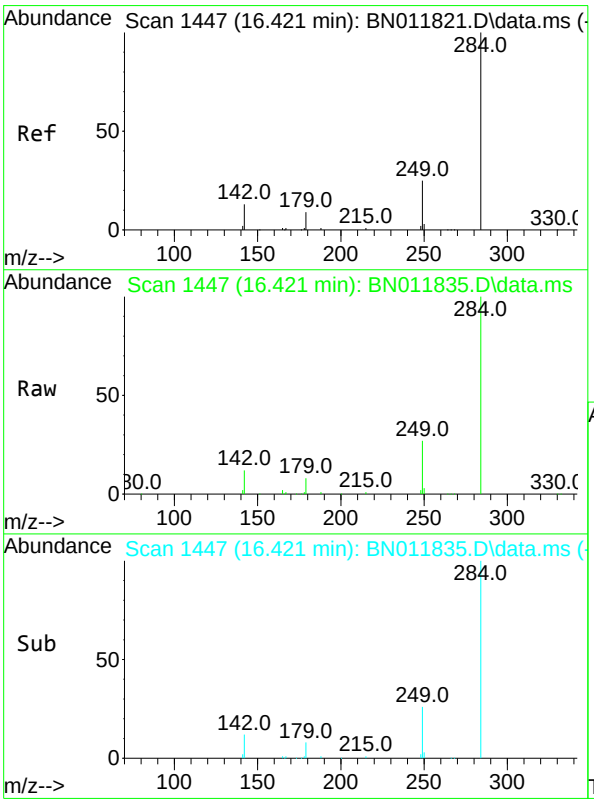


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.102 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BN011835.D
Acq: 18 Sep 2020 14:28

Tgt Ion:188 Resp: 9237

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.9	7.7	11.5

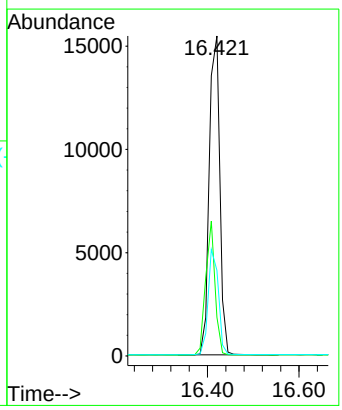


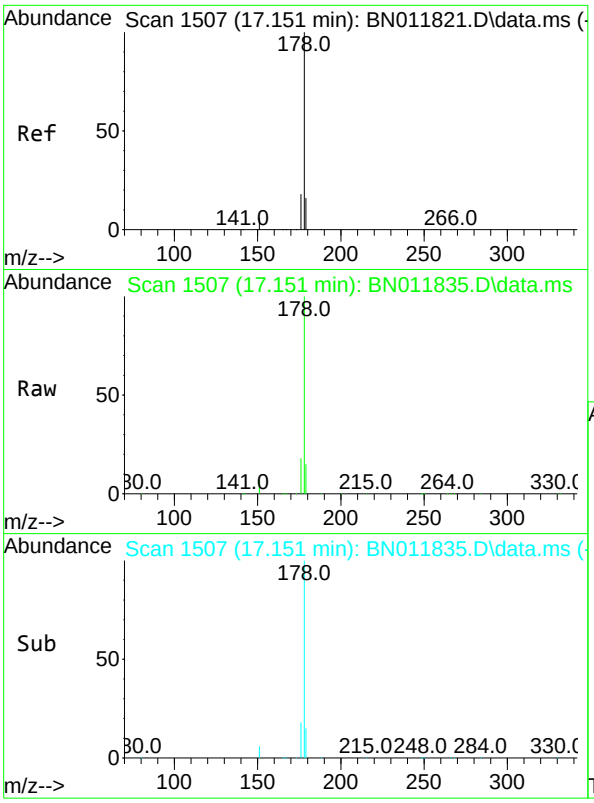


#22
Hexachlorobenzene
Concen: 3.62 ng
RT: 16.421 min Scan# 1447
Delta R.T. 0.012 min
Lab File: BN011835.D
Acq: 18 Sep 2020 14:28

Tgt Ion:284 Resp: 24618

Ion	Ratio	Lower	Upper
284	100		
142	37.3	32.4	48.6
249	31.8	26.8	40.2

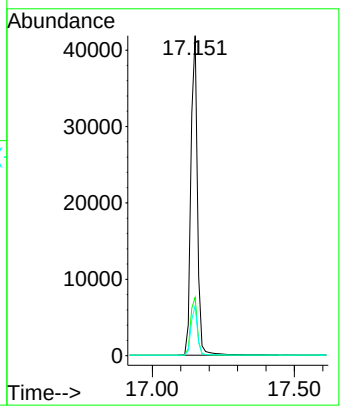




#25
Phenanthrene
Concen: 2.29 ng
RT: 17.151 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BN011835.D
Acq: 18 Sep 2020 14:28

Tgt Ion:178 Resp: 66914

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.1	22.7
179	15.1	12.3	18.5



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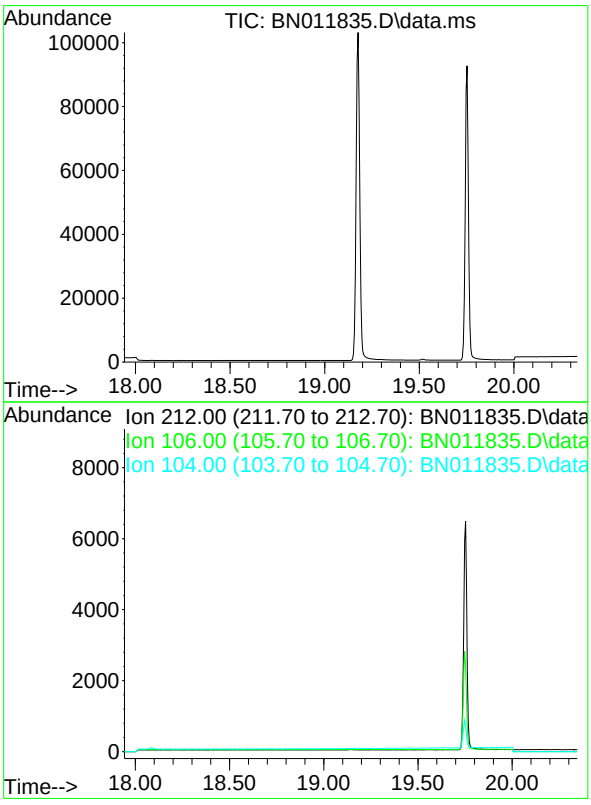
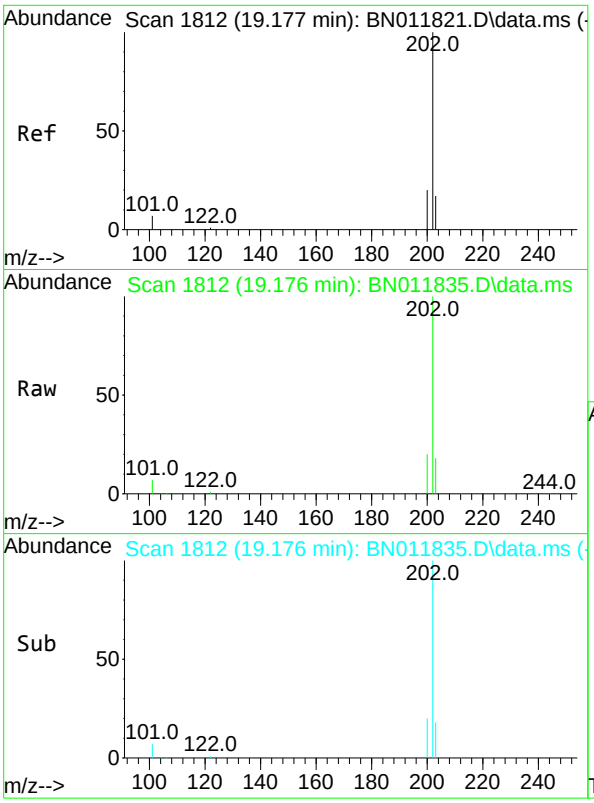


#27
Fluoranthene-d10
Concen: 0.00 ng
Expected RT: 19.14 min

Lab File: BN011835.D
Acq: 18 Sep 2020 14:28

Tgt Ion: 212

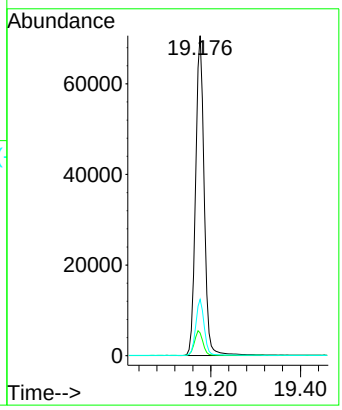
Sig	Exp Ratio
212	100
106	8.0
104	4.9



#28
Fluoranthene
Concen: 2.77 ng
RT: 19.176 min Scan# 1812
Delta R.T. 0.005 min
Lab File: BN011835.D
Acq: 18 Sep 2020 14:28

Tgt Ion:202 Resp: 94577

Ion	Ratio	Lower	Upper
202	100		
101	7.6	5.4	8.2
203	17.4	13.8	20.6



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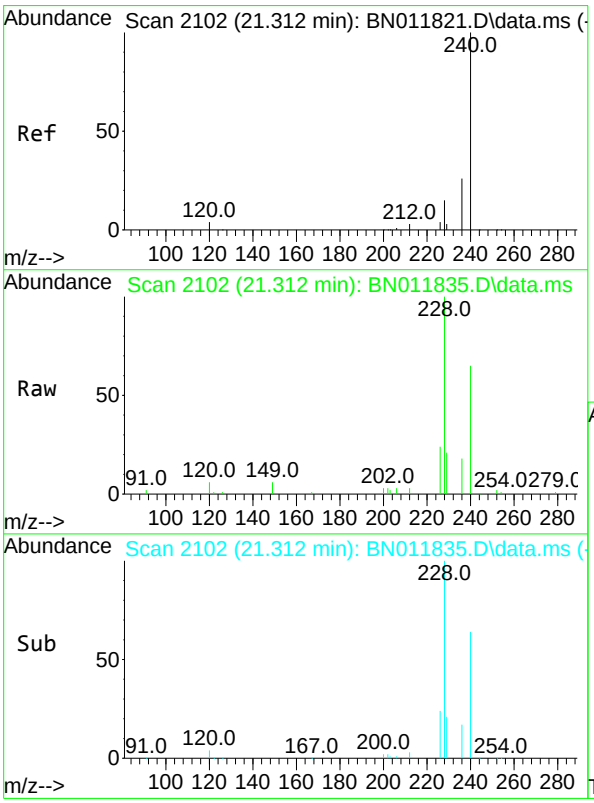
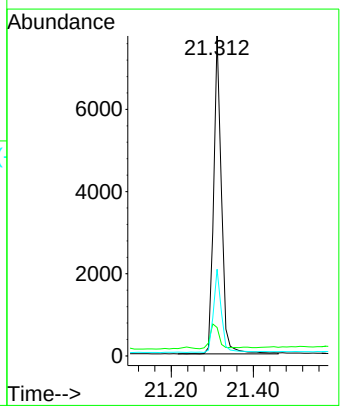
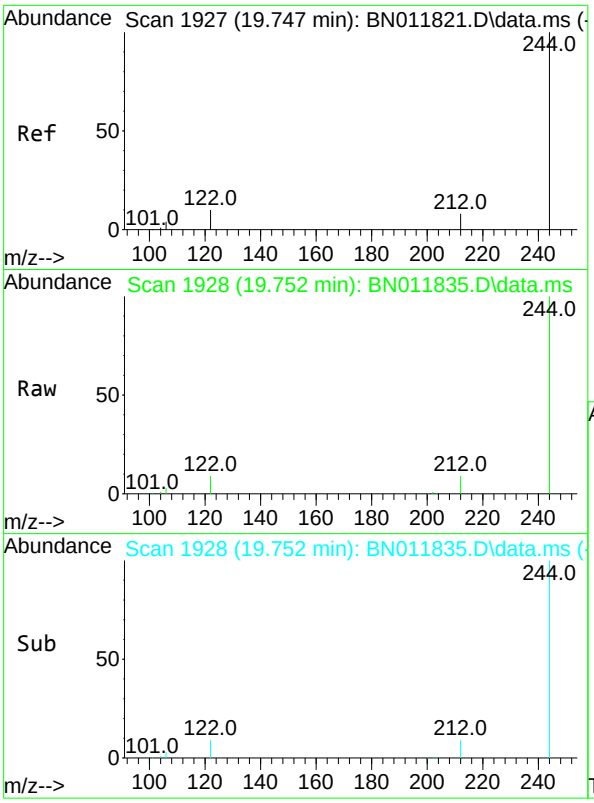


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.312 min Scan# 2102
Delta R.T. 0.000 min
Lab File: BN011835.D
Acq: 18 Sep 2020 14:28

Tgt Ion:240 Resp: 10243

Ion	Ratio	Lower	Upper
240	100		
120	8.9	3.5	5.3#
236	27.1	20.5	30.7

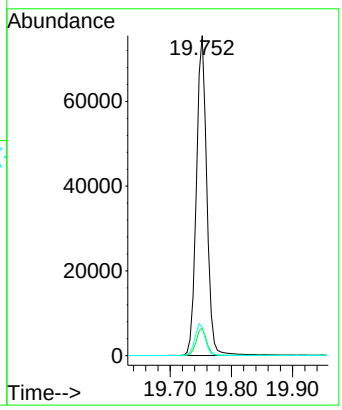




#31
Terphenyl-d14
Concen: 3.81 ng
RT: 19.752 min Scan# 1928
Delta R.T. 0.005 min
Lab File: BN011835.D
Acq: 18 Sep 2020 14:28

Tgt Ion:244 Resp: 88999

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.3	10.9
122	9.0	7.8	11.6



Instrument :
BNA_N
ClientSampleId :
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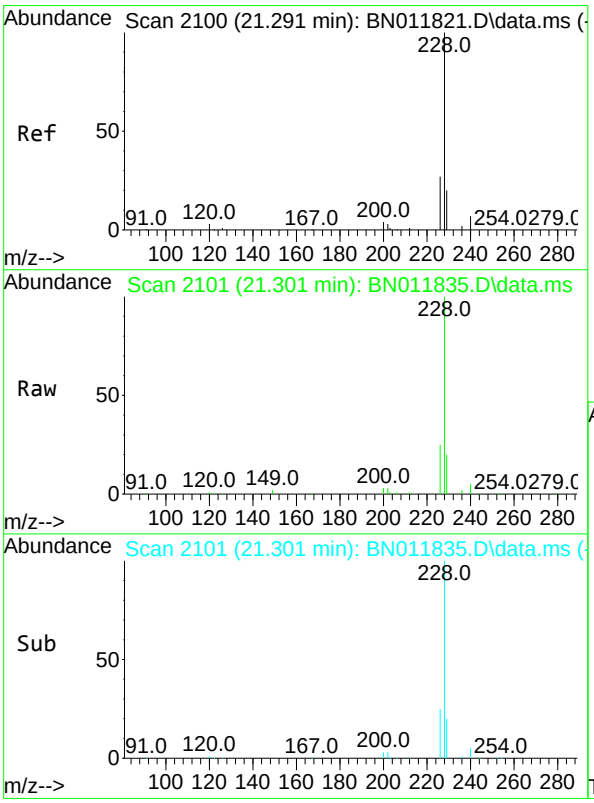
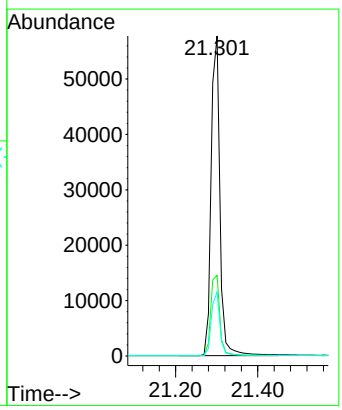


#32
Benzo(a)anthracene
Concen: 2.47 ng
RT: 21.301 min Scan# 2101
Delta R.T. 0.011 min
Lab File: BN011835.D
Acq: 18 Sep 2020 14:28

Tgt Ion:228 Resp: 85662

Ion	Ratio	Lower	Upper
228	100		
226	25.2	21.0	31.4
229	20.0	16.0	24.0



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ClientSampleId :
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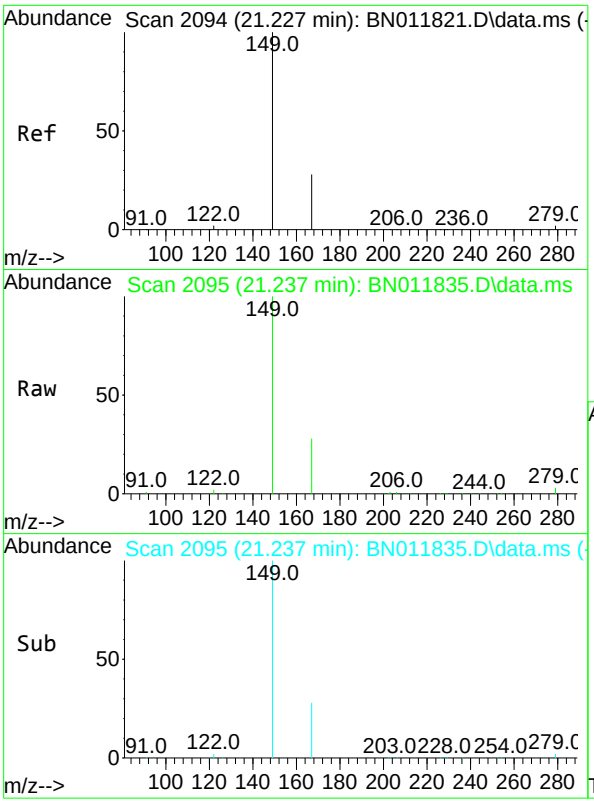
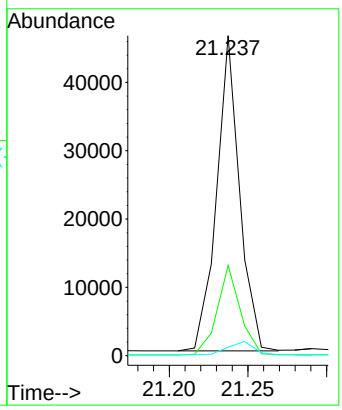
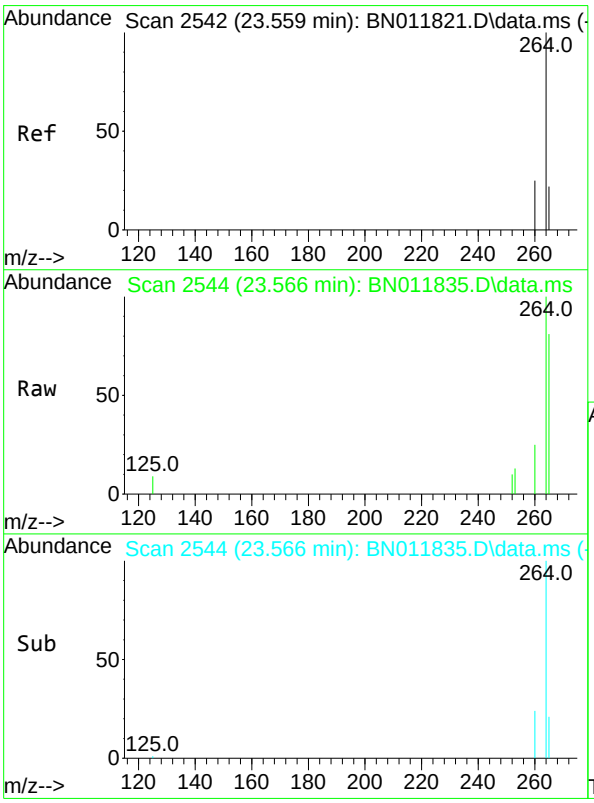


#34
Bis(2-ethylhexyl)phthalate
Concen: 2.62 ng
RT: 21.237 min Scan# 2095
Delta R.T. 0.011 min
Lab File: BN011835.D
Acq: 18 Sep 2020 14:28

Tgt Ion:149 Resp: 46687

Ion	Ratio	Lower	Upper
149	100		
167	28.5	23.6	35.4
279	4.7	4.0	6.0

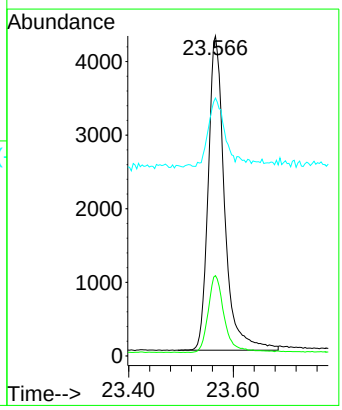


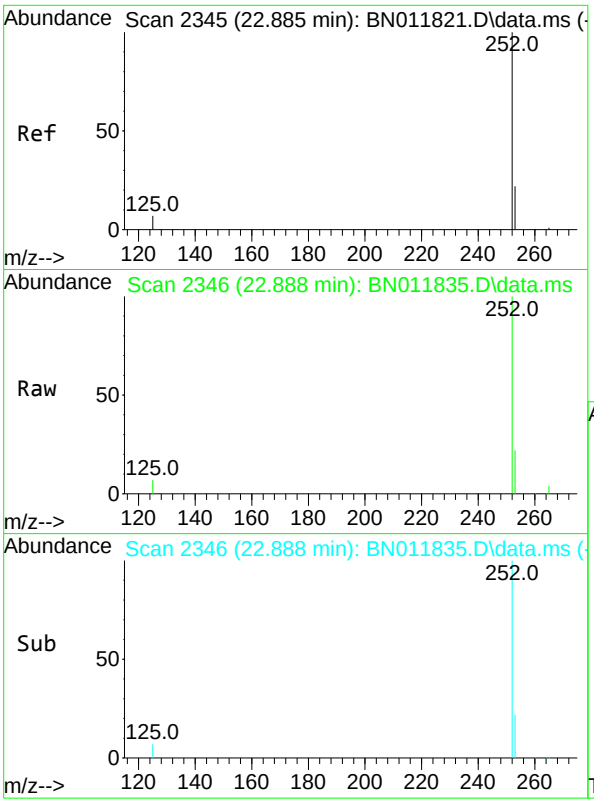


#36
Perylene-d12
Concen: 0.40 ng
RT: 23.566 min Scan# 2544
Delta R.T. 0.007 min
Lab File: BN011835.D
Acq: 18 Sep 2020 14:28

Tgt Ion:264 Resp: 9255

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.6	29.4
265	80.6	38.6	58.0#

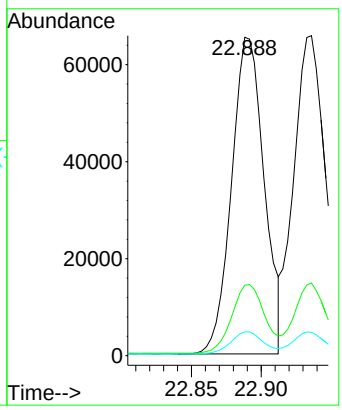




#37
Benzo(b)fluoranthene
Concen: 3.07 ng
RT: 22.888 min Scan# 2346
Delta R.T. 0.004 min
Lab File: BN011835.D
Acq: 18 Sep 2020 14:28

Tgt Ion:252 Resp: 106023

Ion	Ratio	Lower	Upper
252	100		
253	22.2	19.1	28.7
125	7.5	6.2	9.2



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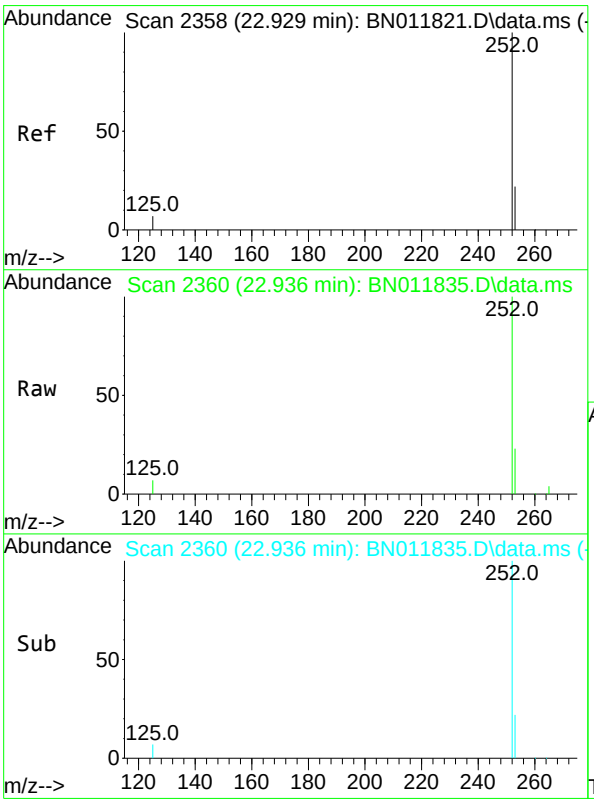
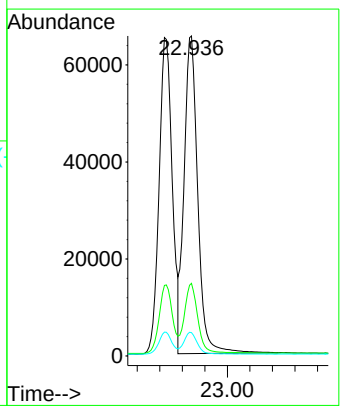
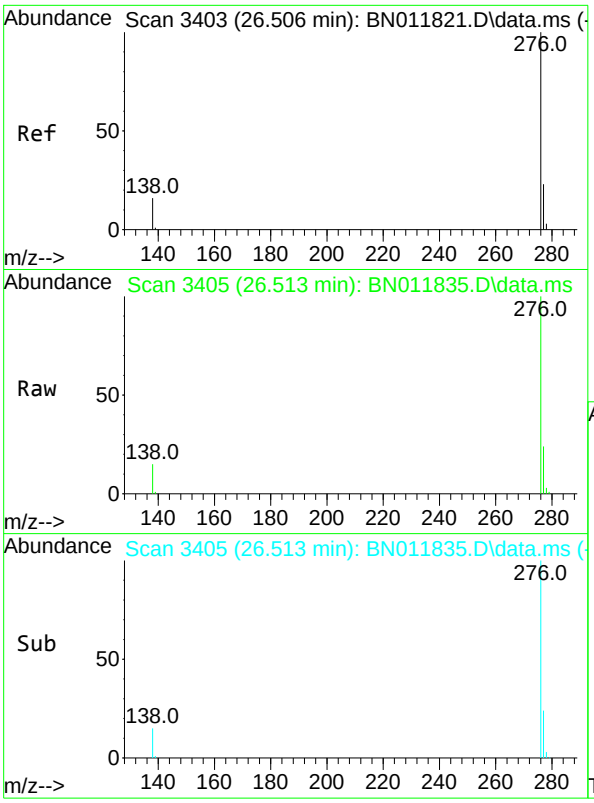


#38
Benzo(k)fluoranthene
Concen: 3.08 ng
RT: 22.936 min Scan# 2360
Delta R.T. 0.010 min
Lab File: BN011835.D
Acq: 18 Sep 2020 14:28

Tgt Ion:252 Resp: 109847

Ion	Ratio	Lower	Upper
252	100		
253	22.7	19.3	28.9
125	7.3	6.0	9.0

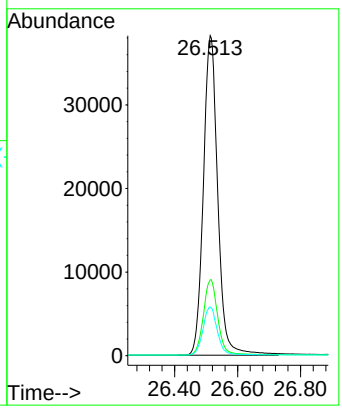




#41
Benzo(g,h,i)perylene
Concen: 3.36 ng
RT: 26.513 min Scan# 3405
Delta R.T. 0.007 min
Lab File: BN011835.D
Acq: 18 Sep 2020 14:28

Tgt Ion:276 Resp: 121266

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.4	29.0
138	15.2	11.3	16.9



Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL