Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091820\
Data File : BN011834.D
Acq On : 18 Sep 2020 13:41
Operator : CG/JU
Sample : L3971-05DL 25X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PT-BN-WPDL

Quant Time: Sep 18 14:08:59 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	2484	0.40	ng	0.00
7) Naphthalene-d8	10.504	136	9530	0.40	ng	# 0.01
13) Acenaphthene-d10	14.357	164	5367	0.40	ng	0.00
19) Phenanthrene-d10	17.102	188	11471	0.40	ng	0.00
29) Chrysene-d12	21.312	240	12237	0.40	ng	# 0.00
36) Perylene-d12	23.569	264	11254	0.40	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.307	112	29713	4.05	ng	0.00
5) Phenol-d6	6.878	99	36262	4.03	ng	0.00
8) Nitrobenzene-d5	8.856	82	27752	2.89	ng	0.00
11) 2-Methylnaphthalene-d10	12.131	152	5	0.00	ng	0.04
14) 2,4,6-Tribromophenol	15.854	330	9985	3.66	ng	0.00
15) 2-Fluorobiphenyl	12.974	172	66792	2.88	ng	0.00
27) Fluoranthene-d10	19.142	212	34	0.00	ng	0.00
31) Terphenyl-d14	19.752	244	83018	2.97	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.568	42	14357	2.91	ng	# 71
6) bis(2-Chloroethyl)ether	7.143	93	9359	1.18	ng	99
9) Naphthalene	10.542	128	72315	2.70	ng	98
10) Hexachlorobutadiene	10.846	225	16468	2.66	ng	# 99
16) Acenaphthylene	14.078	152	74619	2.88	ng	99
17) Acenaphthene	14.420	154	76953	4.27	ng	93
18) Fluorene	15.410	166	31285	1.39	ng	100
22) Hexachlorobenzene	16.421	284	24112	2.86	ng	95
25) Phenanthrene	17.151	178	65236	1.80	ng	99
28) Fluoranthene	19.176	202	88756	2.09	ng	# 98
32) Benzo(a)anthracene	21.301	228	80796	1.95	ng	100
33) Chrysene	21.301	228	79007	1.86	ng	97
34) Bis(2-ethylhexyl)phtha...	21.237	149	42171	1.98	ng	98
37) Benzo(b)fluoranthene	22.892	252	101480	2.42	ng	98
38) Benzo(k)fluoranthene	22.936	252	103064	2.38	ng	97
41) Benzo(g,h,i)perylene	26.517	276	116781	2.66	ng	98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091820\
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Acq On : 18 Sep 2020 13:41
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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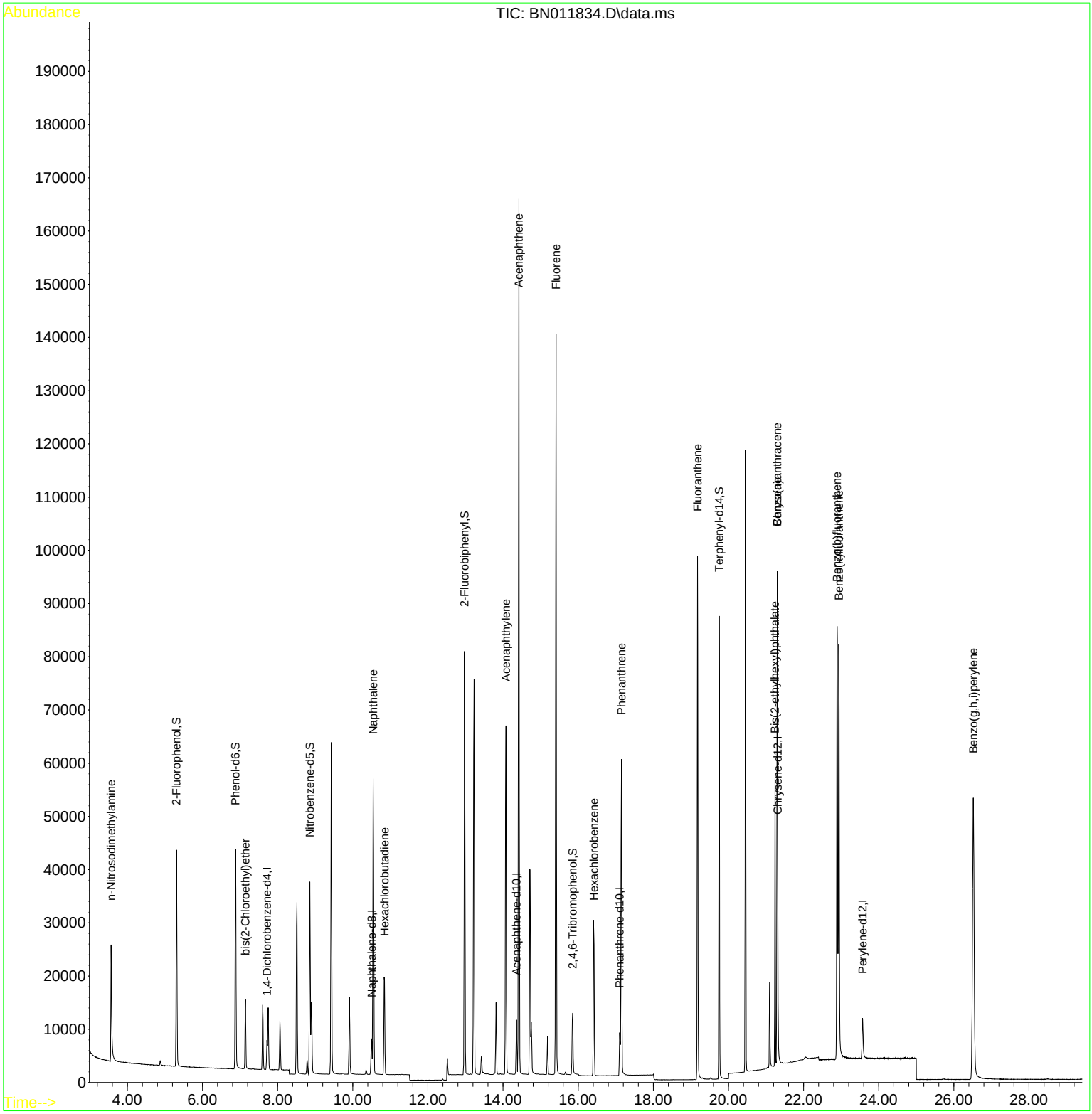
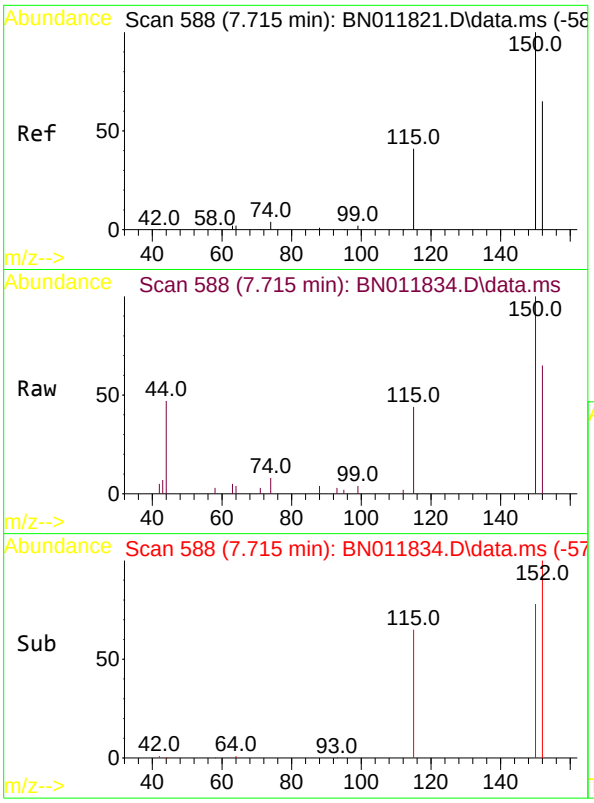
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 18 10:47:35 2020
Response via : Initial Calibration

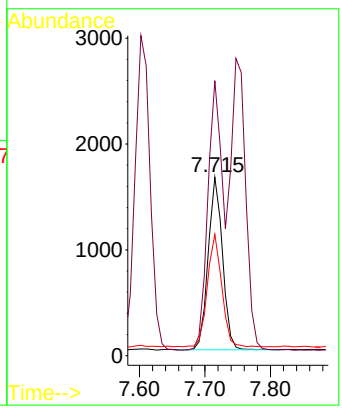




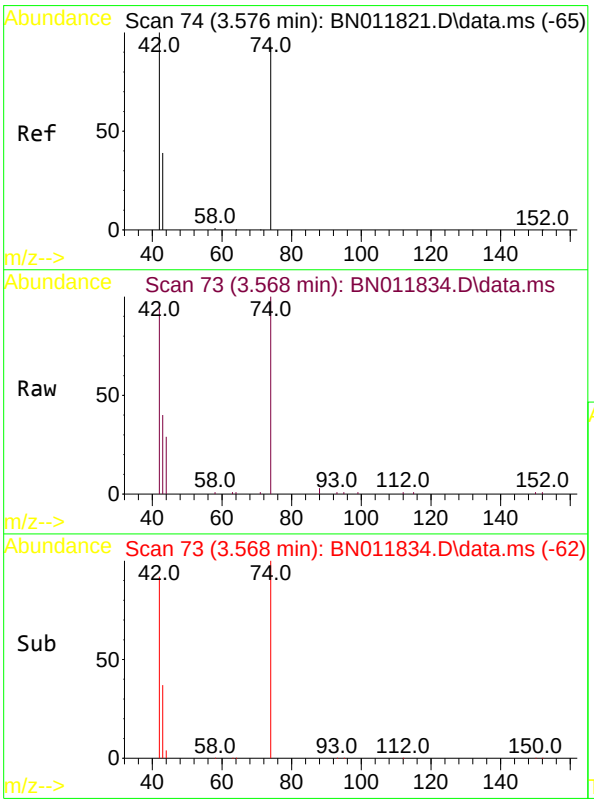
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.715 min Scan# 588
Delta R.T. 0.000 min
Lab File: BN011834.D
Acq: 18 Sep 2020 13:41

Tgt Ion:152 Resp: 2484

Ion	Ratio	Lower	Upper
152	100		
150	154.2	118.3	177.5
115	68.1	51.3	76.9



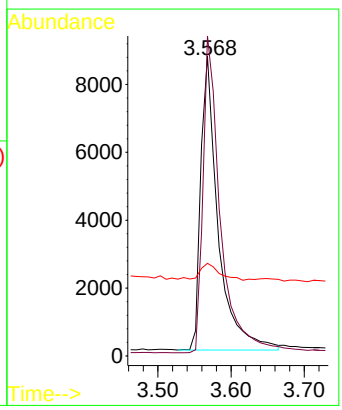
Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

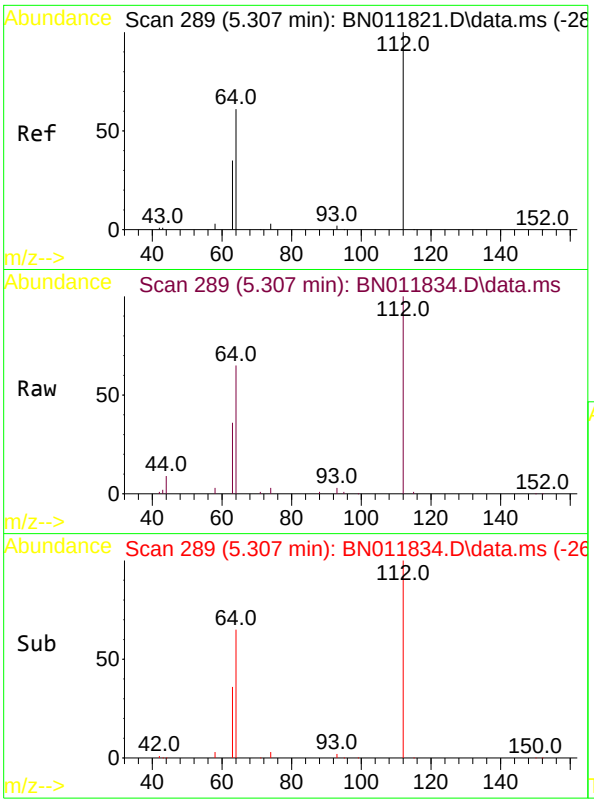


#3
n-Nitrosodimethylamine
Concen: 2.91 ng
RT: 3.568 min Scan# 73
Delta R.T. -0.008 min
Lab File: BN011834.D
Acq: 18 Sep 2020 13:41

Tgt Ion: 42 Resp: 14357

Ion	Ratio	Lower	Upper
42	100		
74	108.3	64.4	96.6#
44	5.9	6.7	10.1#

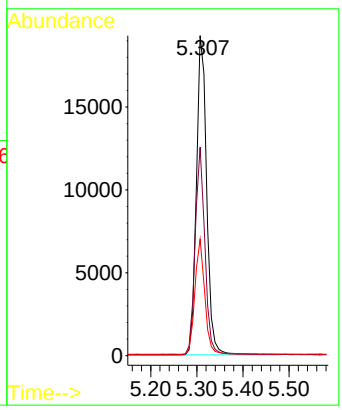




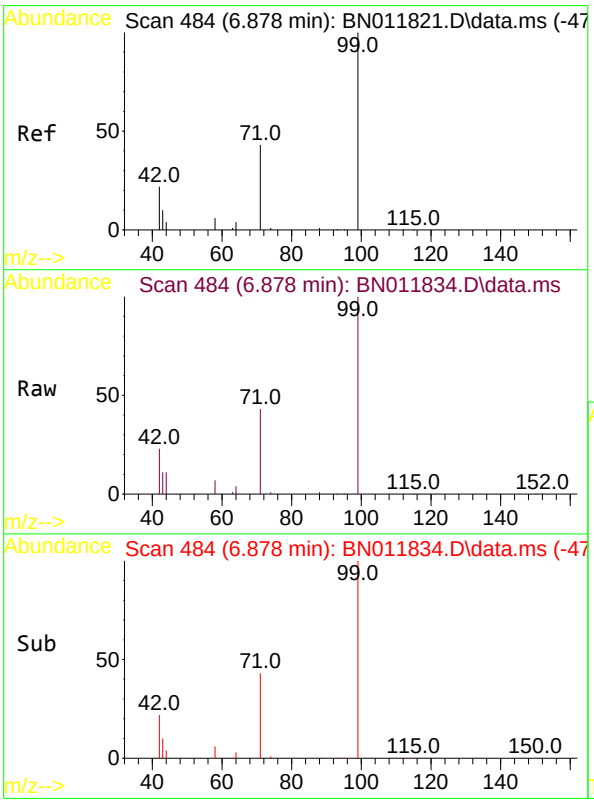
#4
2-Fluorophenol
Concen: 4.05 ng
RT: 5.307 min Scan# 289
Delta R.T. 0.000 min
Lab File: BN011834.D
Acq: 18 Sep 2020 13:41

Tgt Ion:112 Resp: 29713

Ion	Ratio	Lower	Upper
112	100		
64	62.2	49.0	73.6
63	34.5	31.8	47.6



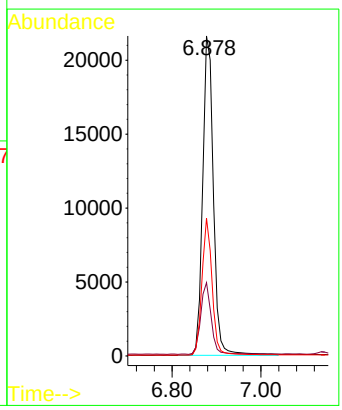
Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL



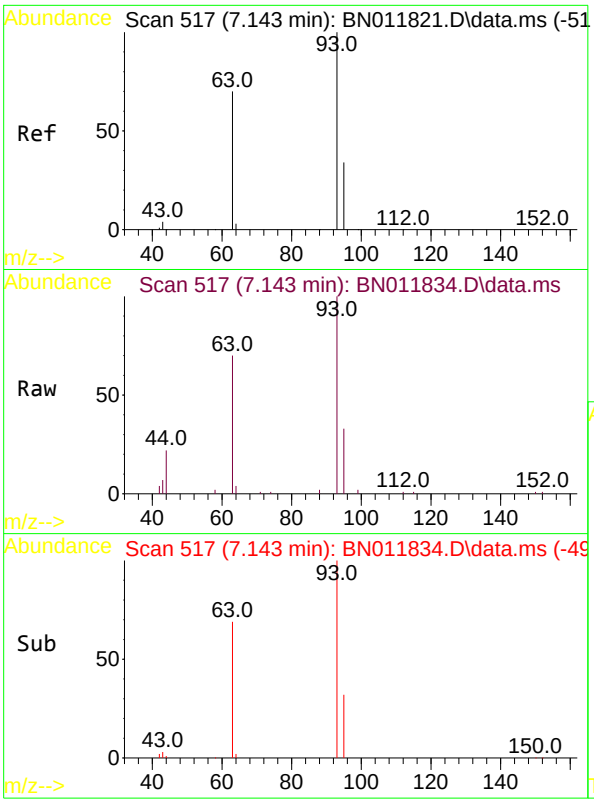
#5
Phenol-d6
Concen: 4.03 ng
RT: 6.878 min Scan# 484
Delta R.T. 0.000 min
Lab File: BN011834.D
Acq: 18 Sep 2020 13:41

Tgt Ion: 99 Resp: 36262

Ion	Ratio	Lower	Upper
99	100		
42	22.0	23.4	35.0#
71	40.7	38.1	57.1



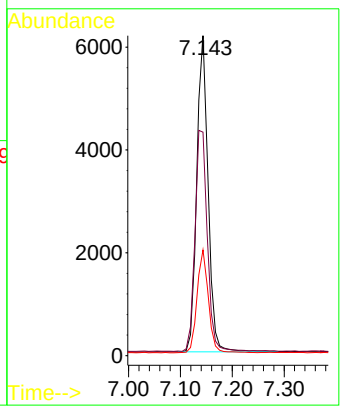
Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

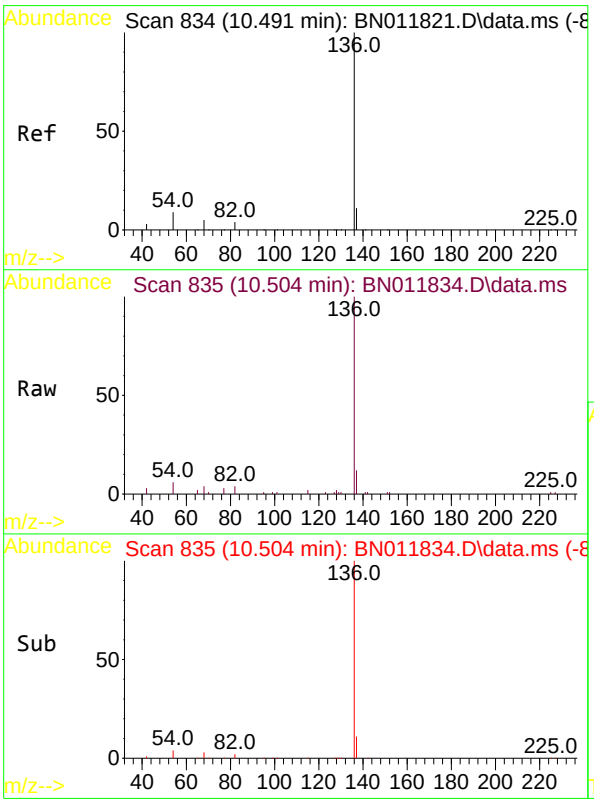


#6
bis(2-Chloroethyl)ether
Concen: 1.18 ng
RT: 7.143 min Scan# 517
Delta R.T. 0.000 min
Lab File: BN011834.D
Acq: 18 Sep 2020 13:41

Tgt Ion: 93 Resp: 9359

Ion	Ratio	Lower	Upper
93	100		
63	76.0	61.1	91.7
95	32.6	25.5	38.3

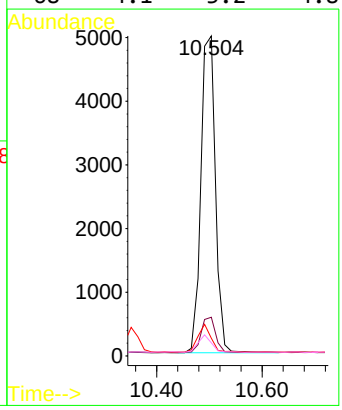




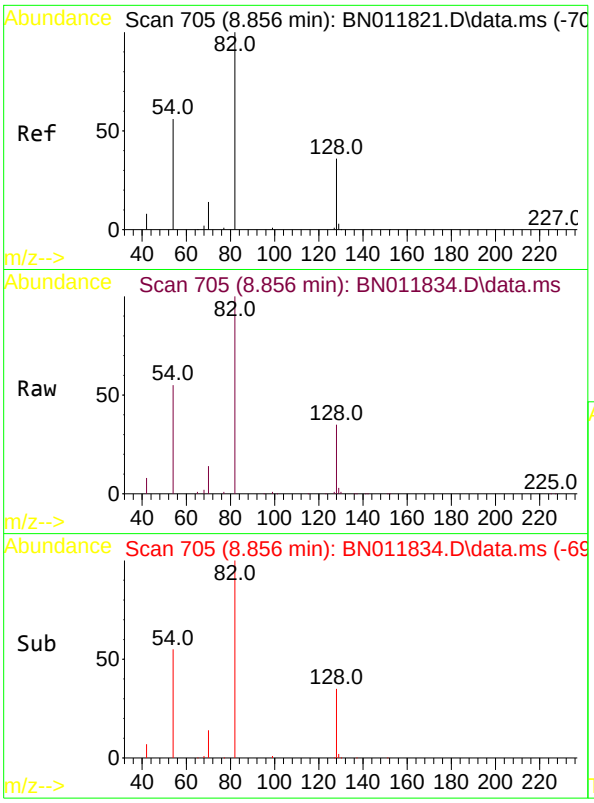
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.504 min Scan# 835
Delta R.T. 0.013 min
Lab File: BN011834.D
Acq: 18 Sep 2020 13:41

Tgt Ion:136 Resp: 9530

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.5	14.3
54	5.5	5.6	8.4#
68	4.1	3.2	4.8



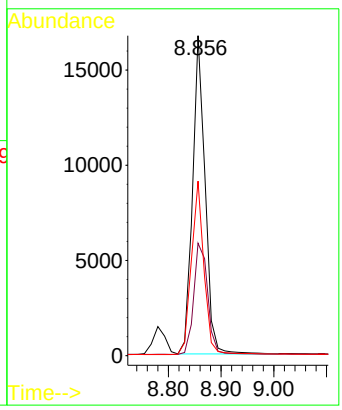
Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

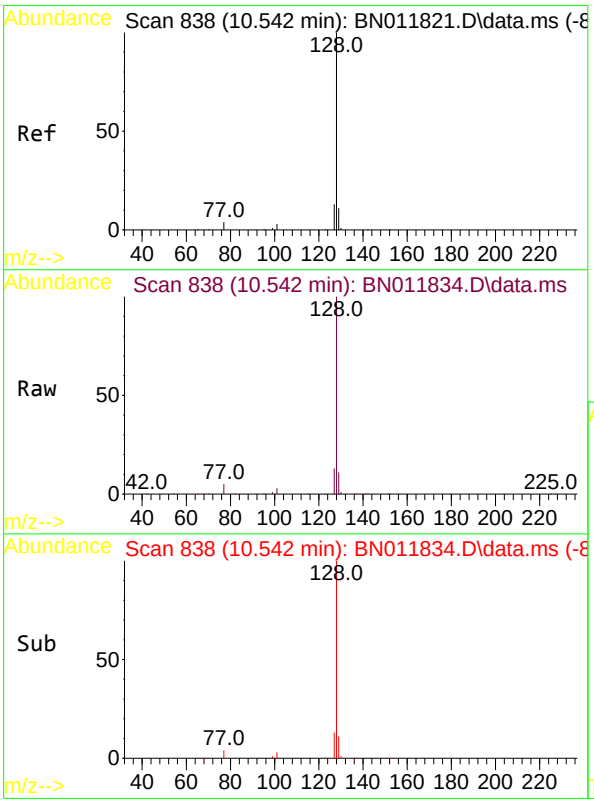


#8
Nitrobenzene-d5
Concen: 2.89 ng
RT: 8.856 min Scan# 705
Delta R.T. 0.000 min
Lab File: BN011834.D
Acq: 18 Sep 2020 13:41

Tgt Ion: 82 Resp: 27752

Ion	Ratio	Lower	Upper
82	100		
128	35.2	34.2	51.2
54	54.6	43.1	64.7

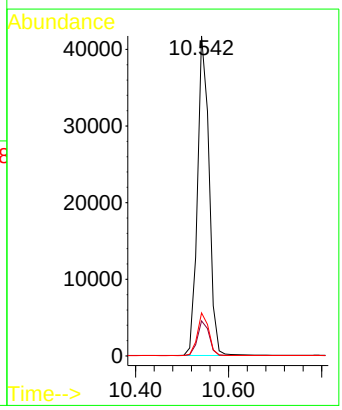




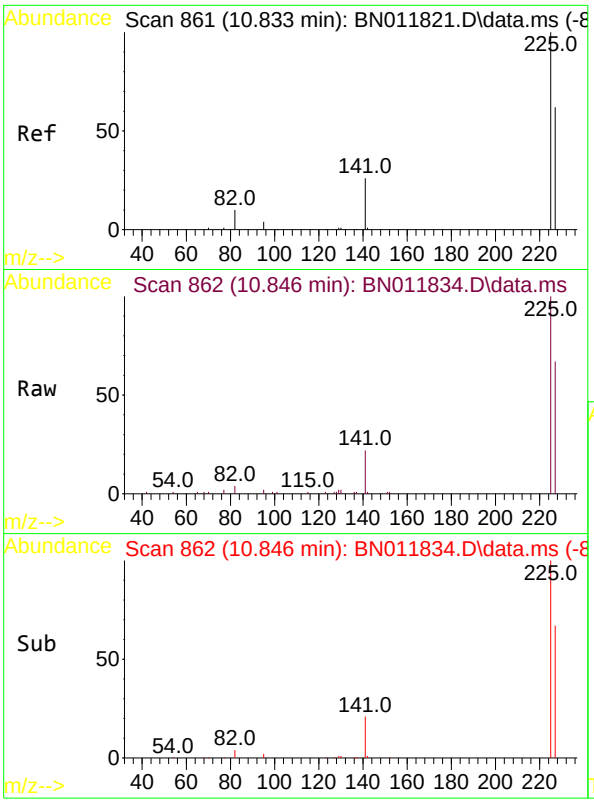
#9
Naphthalene
Concen: 2.70 ng
RT: 10.542 min Scan# 838
Delta R.T. 0.000 min
Lab File: BN011834.D
Acq: 18 Sep 2020 13:41

Tgt Ion:128 Resp: 72315

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.7	14.5
127	13.4	11.0	16.4



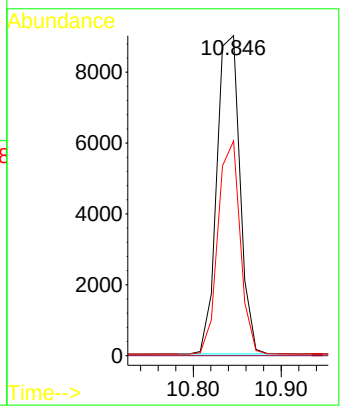
Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

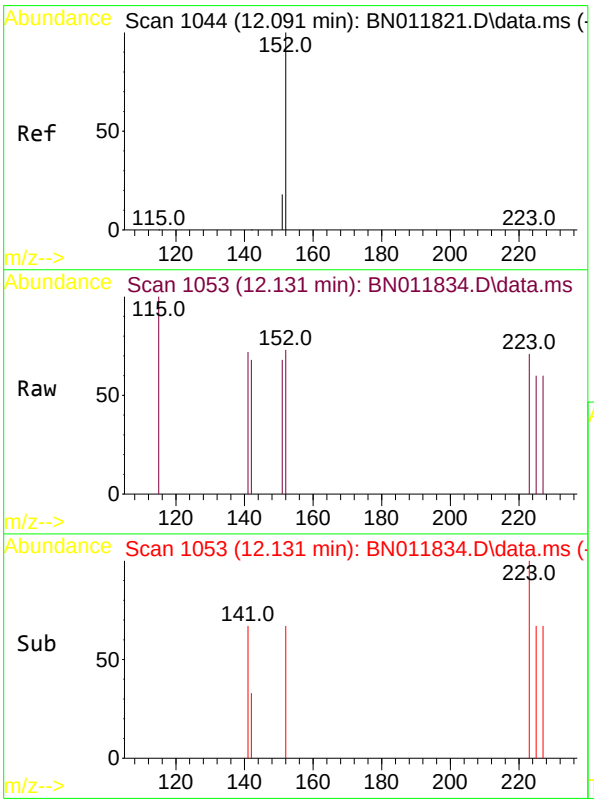


#10
Hexachlorobutadiene
Concen: 2.66 ng
RT: 10.846 min Scan# 862
Delta R.T. 0.013 min
Lab File: BN011834.D
Acq: 18 Sep 2020 13:41

Tgt Ion:225 Resp: 16468

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.1	51.9	77.9

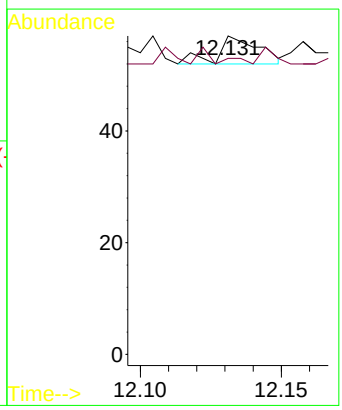




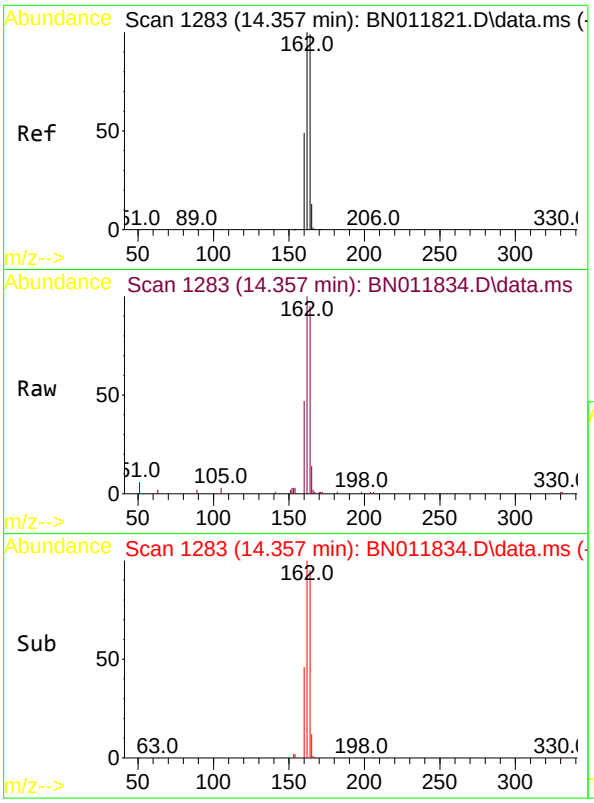
#11
2-Methylnaphthalene-d10
Concen: 0.00 ng
RT: 12.131 min Scan# 1053
Delta R.T. 0.040 min
Lab File: BN011834.D
Acq: 18 Sep 2020 13:41

Tgt Ion:152 Resp: 5

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.7	25.1



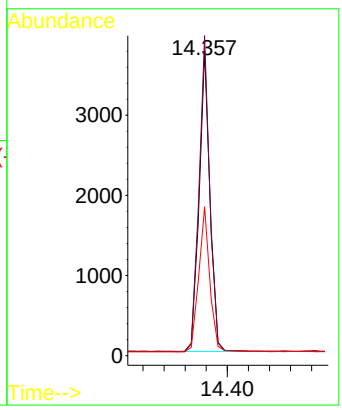
Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

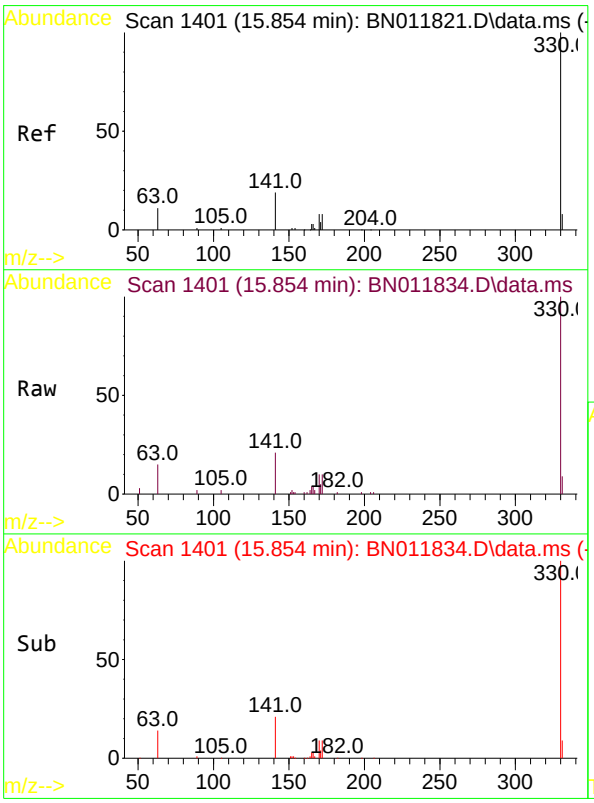


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.357 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BN011834.D
Acq: 18 Sep 2020 13:41

Tgt Ion:164 Resp: 5367

Ion	Ratio	Lower	Upper
164	100		
162	104.9	83.6	125.4
160	48.8	41.2	61.8

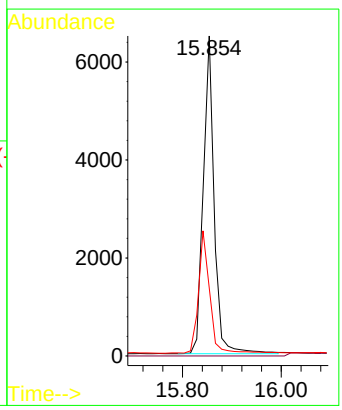


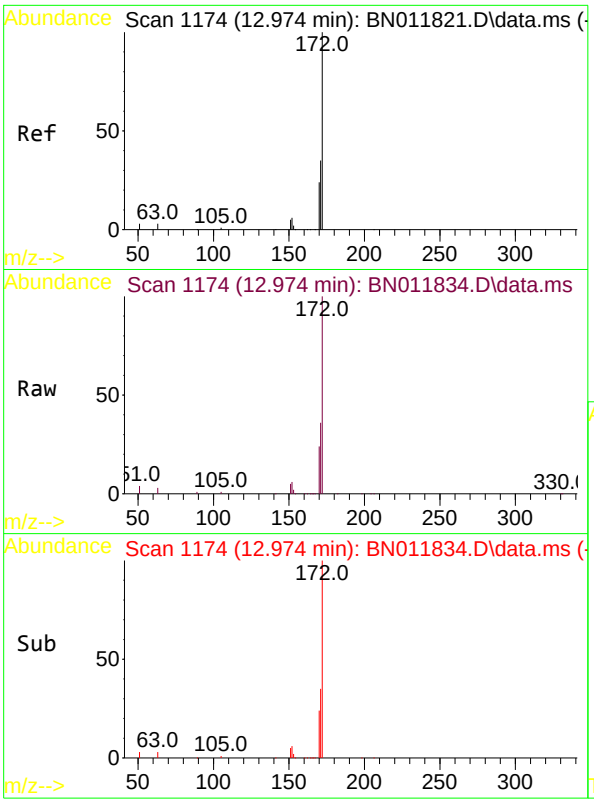


#14
2,4,6-Tribromophenol
Concen: 3.66 ng
RT: 15.854 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BN011834.D
Acq: 18 Sep 2020 13:41

Tgt Ion:330 Resp: 9985

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	38.9	33.7	50.5

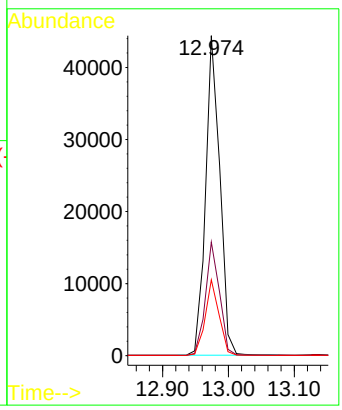




#15
2-Fluorobiphenyl
Concen: 2.88 ng
RT: 12.974 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BN011834.D
Acq: 18 Sep 2020 13:41

Tgt Ion:172 Resp: 66792

Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.4	41.2
170	23.7	17.8	26.6



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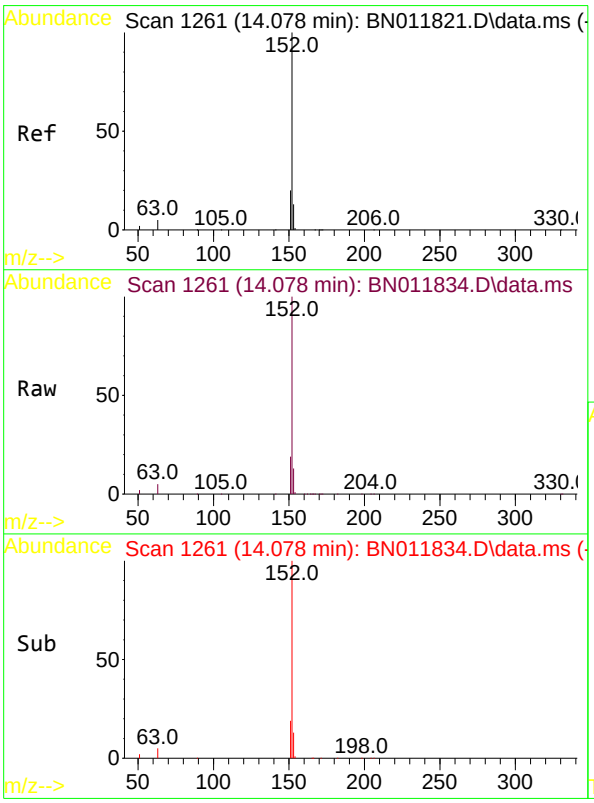
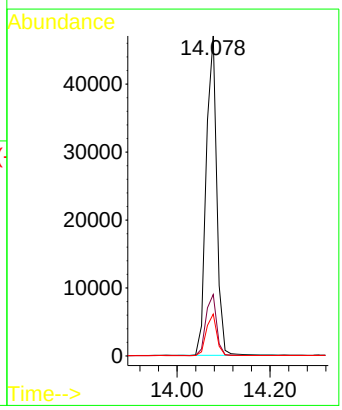


#16
Acenaphthylene
Concen: 2.88 ng
RT: 14.078 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BN011834.D
Acq: 18 Sep 2020 13:41

Tgt Ion:152 Resp: 74619

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.9	23.9
153	13.0	10.5	15.7



Instrument :
BNA_N
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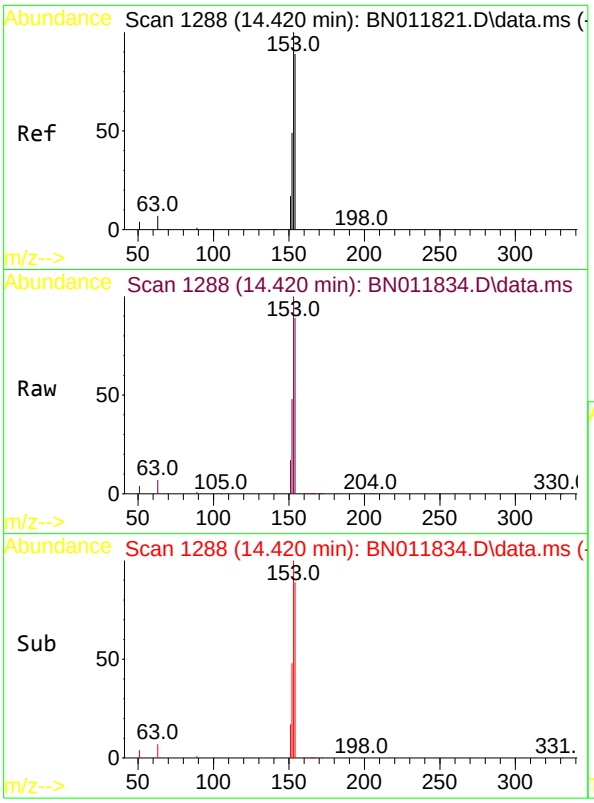
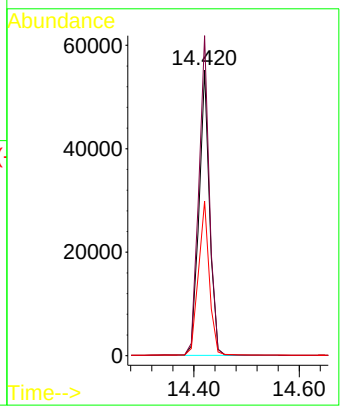
PT-BN-WPDL

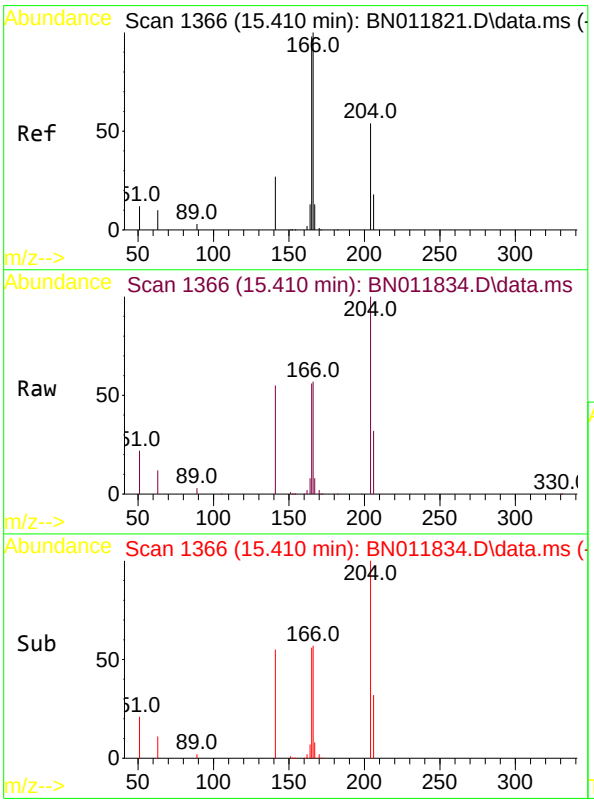


#17
Acenaphthene
Concen: 4.27 ng
RT: 14.420 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BN011834.D
Acq: 18 Sep 2020 13:41

Tgt Ion:154 Resp: 76953

Ion	Ratio	Lower	Upper
154	100		
153	112.9	83.4	125.2
152	55.6	42.8	64.2

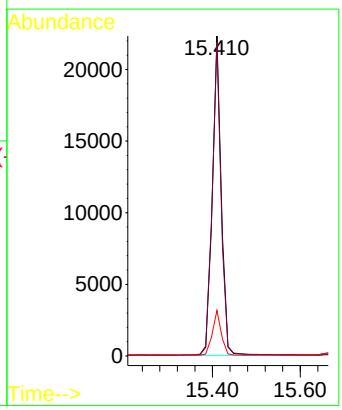




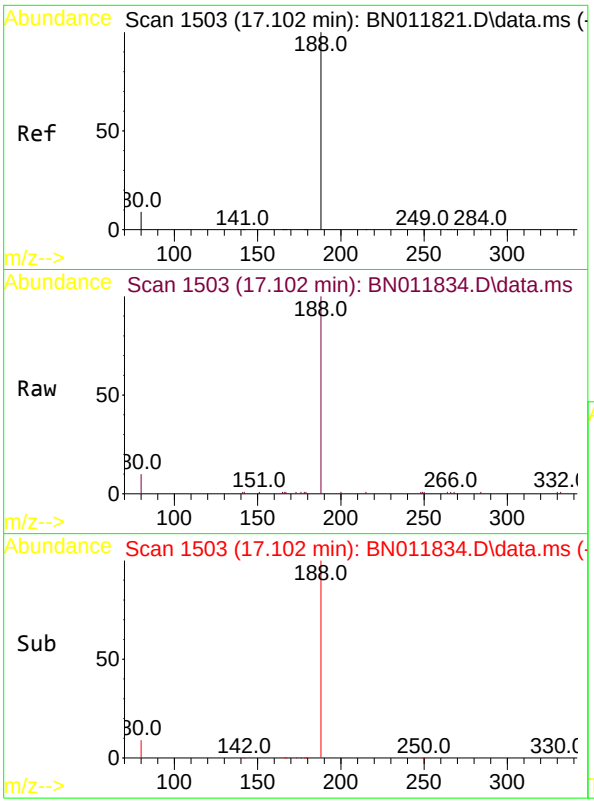
#18
Fluorene
Concen: 1.39 ng
RT: 15.410 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BN011834.D
Acq: 18 Sep 2020 13:41

Tgt Ion:166 Resp: 31285

Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.8	118.2
167	14.0	11.2	16.8



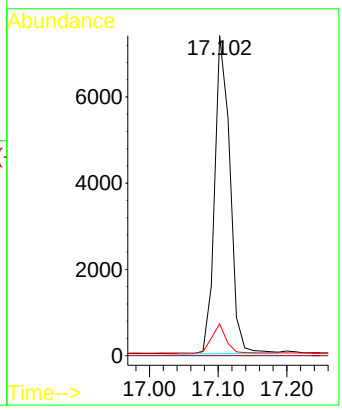
Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

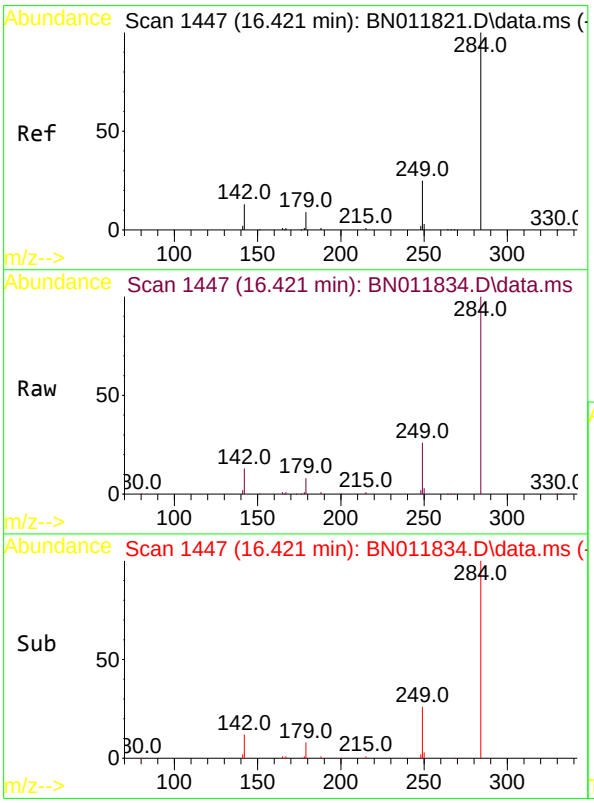


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.102 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BN011834.D
Acq: 18 Sep 2020 13:41

Tgt Ion:188 Resp: 11471

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.0	7.7	11.5

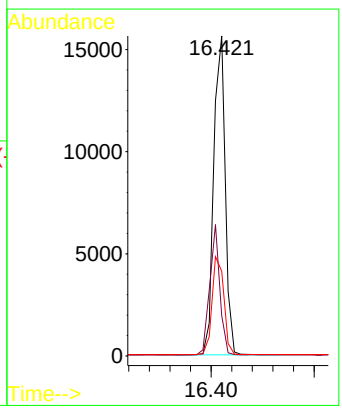




#22
Hexachlorobenzene
Concen: 2.86 ng
RT: 16.421 min Scan# 1447
Delta R.T. 0.012 min
Lab File: BN011834.D
Acq: 18 Sep 2020 13:41

Tgt Ion:284 Resp: 24112

Ion	Ratio	Lower	Upper
284	100		
142	36.1	32.4	48.6
249	31.5	26.8	40.2



Instrument :
BNA_N
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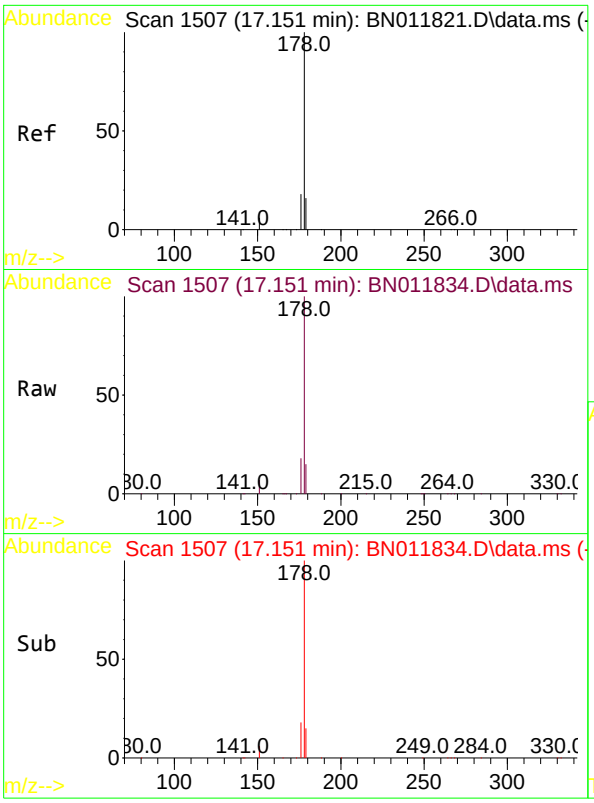
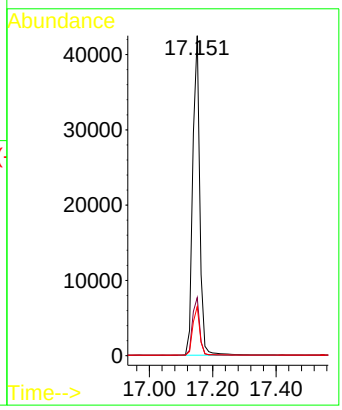
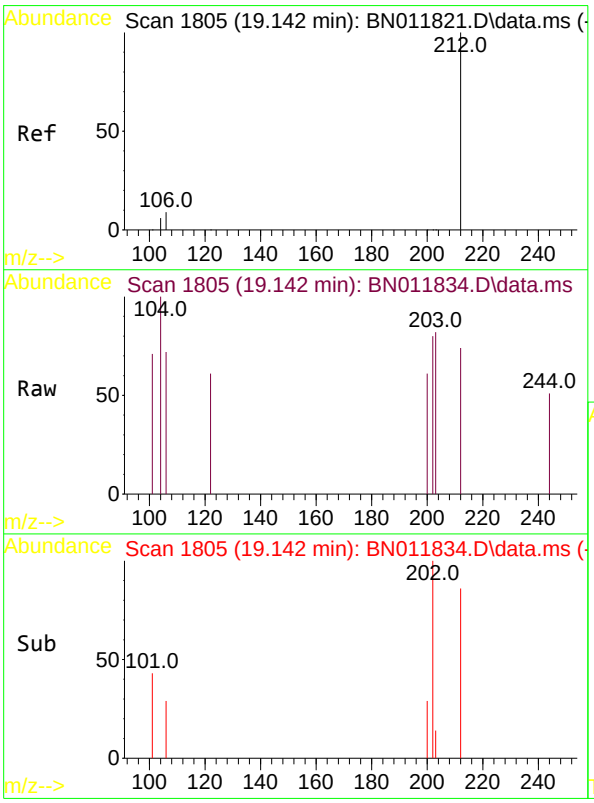


#25
Phenanthrene
Concen: 1.80 ng
RT: 17.151 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BN011834.D
Acq: 18 Sep 2020 13:41

Tgt Ion:178 Resp: 65236

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.1	22.7
179	15.1	12.3	18.5

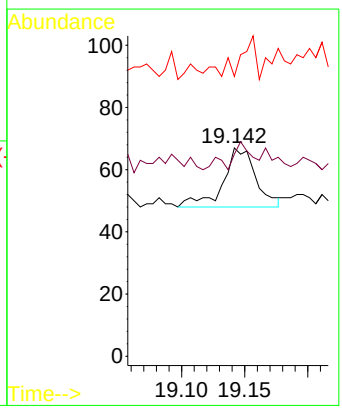


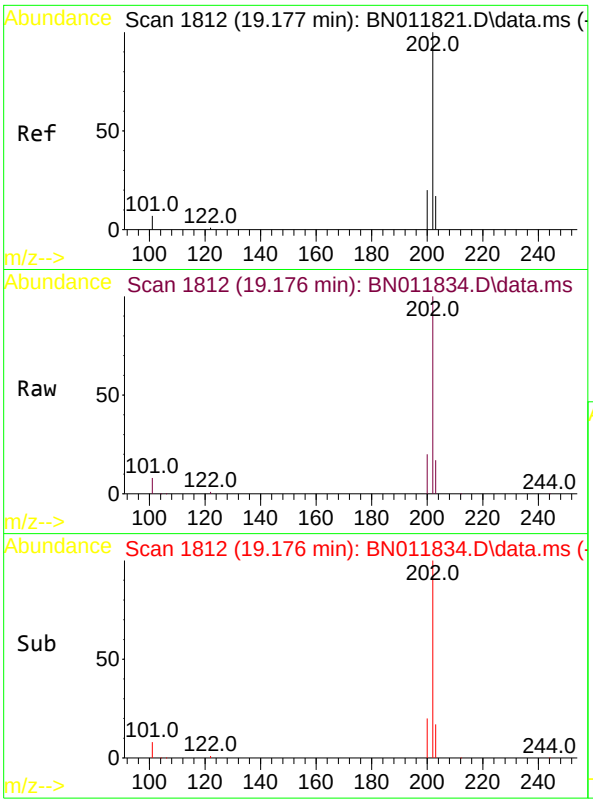


#27
Fluoranthene-d10
Concen: 0.00 ng
RT: 19.142 min Scan# 1805
Delta R.T. 0.000 min
Lab File: BN011834.D
Acq: 18 Sep 2020 13:41

Tgt Ion:212 Resp: 34

Ion	Ratio	Lower	Upper
212	100		
106	23.5	6.4	9.6#
104	35.3	3.9	5.9#

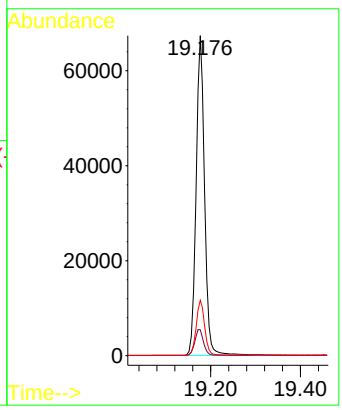




#28
Fluoranthene
Concen: 2.09 ng
RT: 19.176 min Scan# 1812
Delta R.T. 0.005 min
Lab File: BN011834.D
Acq: 18 Sep 2020 13:41

Tgt Ion:202 Resp: 88756

Ion	Ratio	Lower	Upper
202	100		
101	8.4	5.4	8.2#
203	17.4	13.8	20.6



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BNA_N
ClientSampleId :
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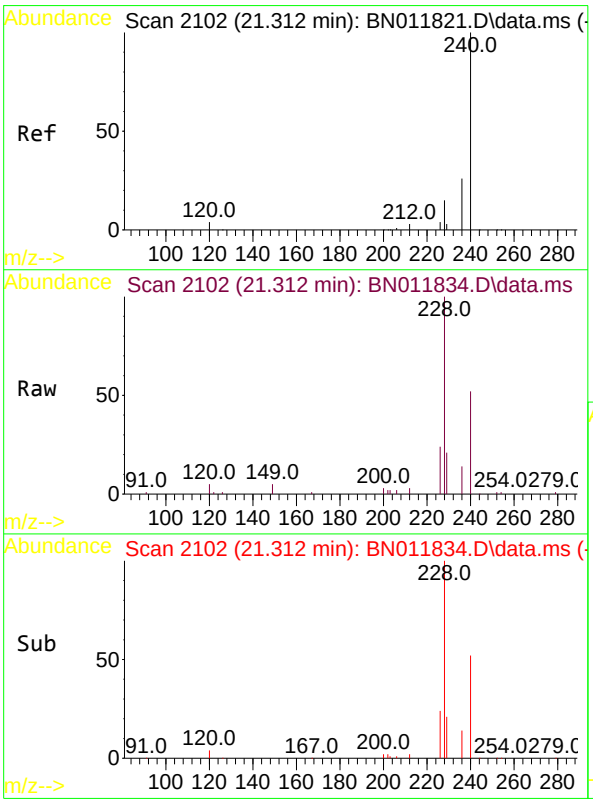
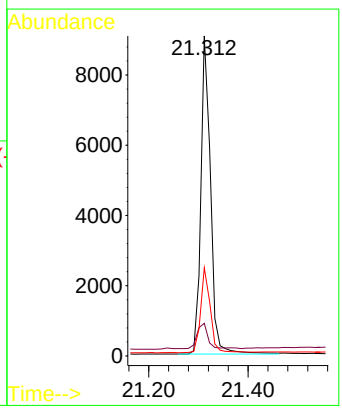


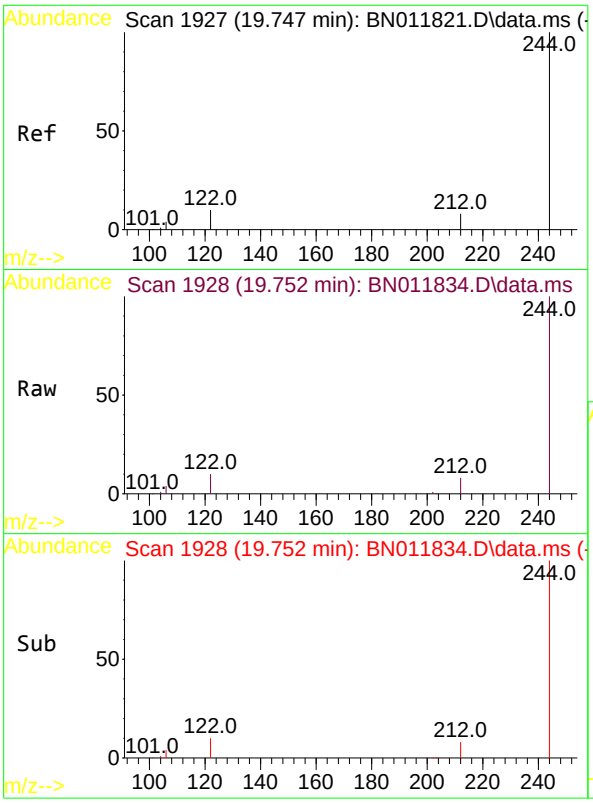
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.312 min Scan# 2102
Delta R.T. 0.000 min
Lab File: BN011834.D
Acq: 18 Sep 2020 13:41

Tgt Ion:240 Resp: 12237

Ion	Ratio	Lower	Upper
240	100		
120	10.2	3.5	5.3#
236	27.6	20.5	30.7



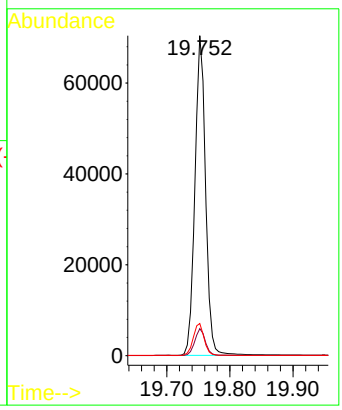
Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

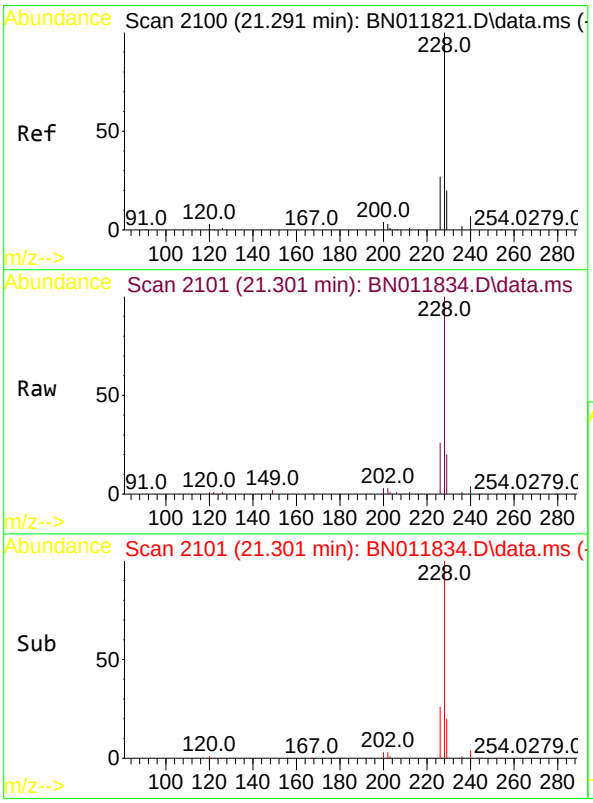


#31
Terphenyl-d14
Concen: 2.97 ng
RT: 19.752 min Scan# 1928
Delta R.T. 0.005 min
Lab File: BN011834.D
Acq: 18 Sep 2020 13:41

Tgt Ion:244 Resp: 83018

Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.3	10.9
122	10.1	7.8	11.6

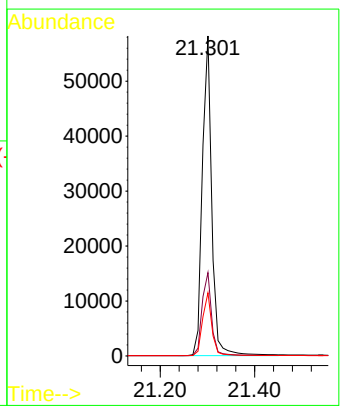


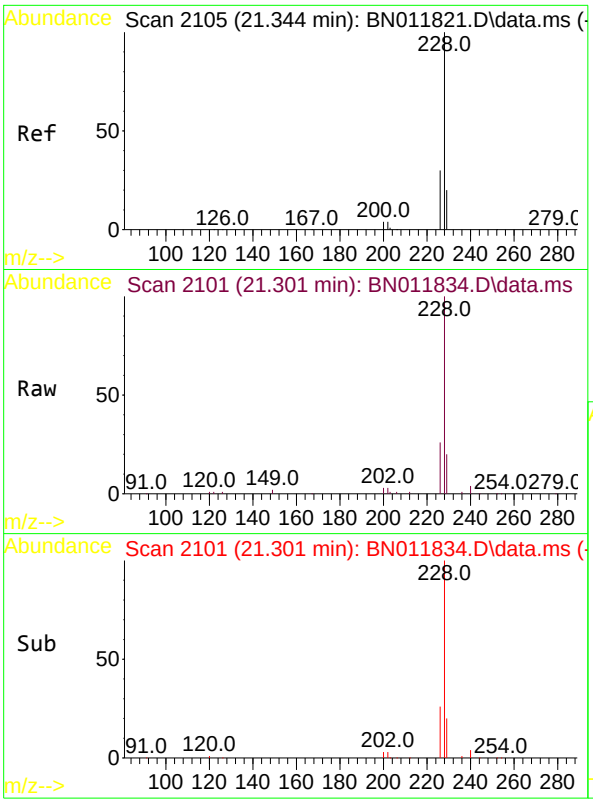


#32
Benzo(a)anthracene
Concen: 1.95 ng
RT: 21.301 min Scan# 2101
Delta R.T. 0.011 min
Lab File: BN011834.D
Acq: 18 Sep 2020 13:41

Tgt Ion:228 Resp: 80796

Ion	Ratio	Lower	Upper
228	100		
226	26.1	21.0	31.4
229	19.7	16.0	24.0

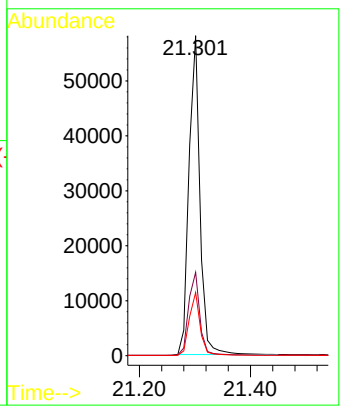




#33
Chrysene
Concen: 1.86 ng
RT: 21.301 min Scan# 2101
Delta R.T. -0.042 min
Lab File: BN011834.D
Acq: 18 Sep 2020 13:41

Tgt Ion:228 Resp: 79007

Ion	Ratio	Lower	Upper
228	100		
226	26.1	23.3	34.9
229	19.7	15.8	23.8



Instrument :
BNA_N
ClientSampleId :
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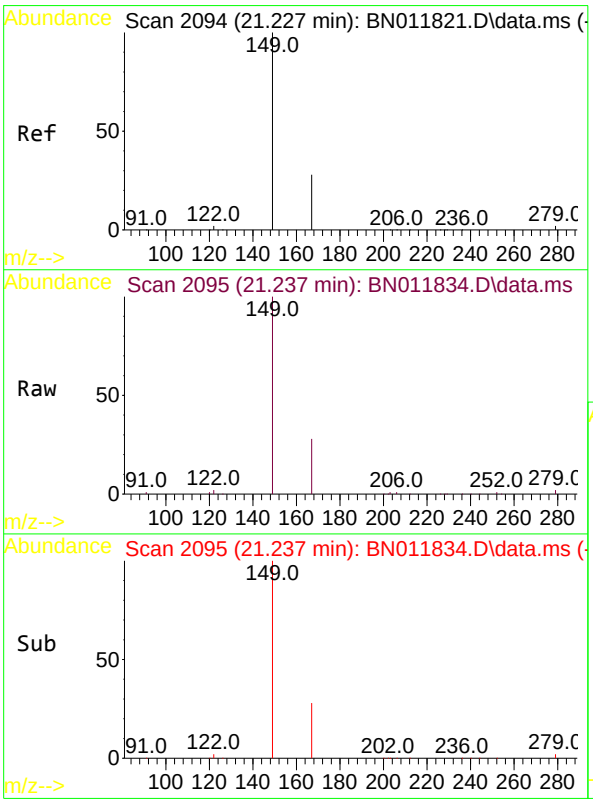
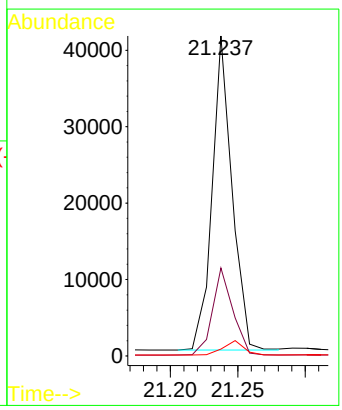
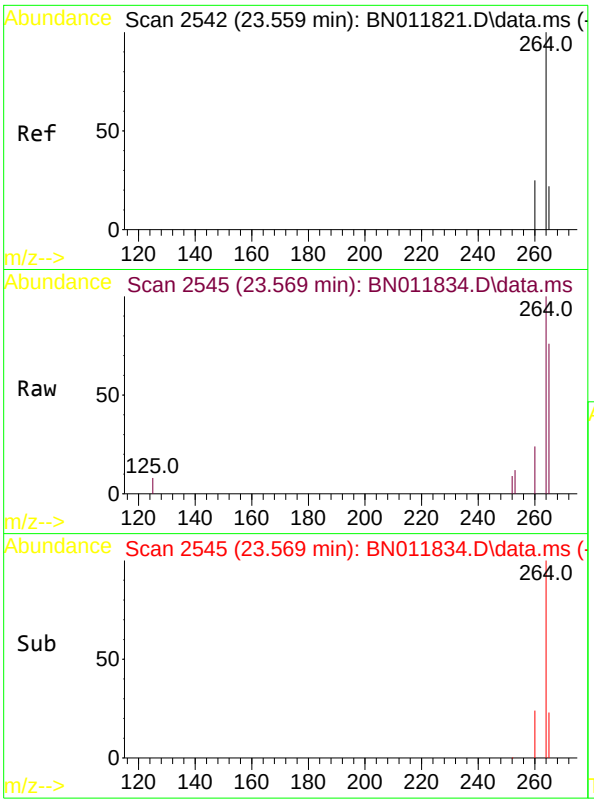


#34
Bis(2-ethylhexyl)phthalate
Concen: 1.98 ng
RT: 21.237 min Scan# 2095
Delta R.T. 0.011 min
Lab File: BN011834.D
Acq: 18 Sep 2020 13:41

Tgt Ion:149 Resp: 42171

Ion	Ratio	Lower	Upper
149	100		
167	28.2	23.6	35.4
279	4.7	4.0	6.0

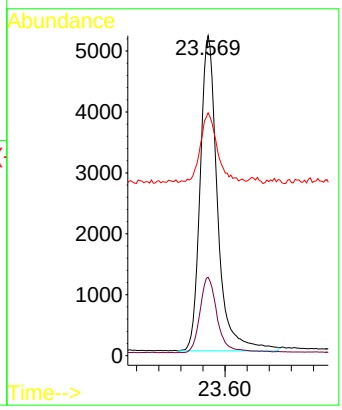




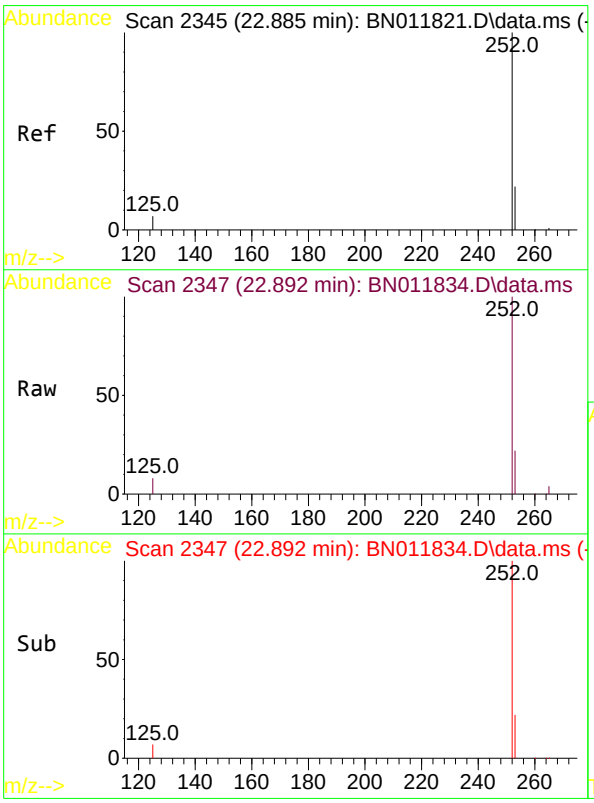
#36
Perylene-d12
Concen: 0.40 ng
RT: 23.569 min Scan# 2545
Delta R.T. 0.010 min
Lab File: BN011834.D
Acq: 18 Sep 2020 13:41

Tgt Ion:264 Resp: 11254

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	75.9	38.6	58.0#



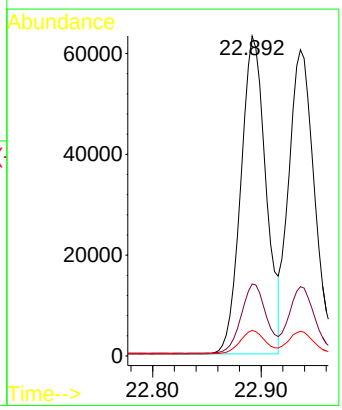
Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL



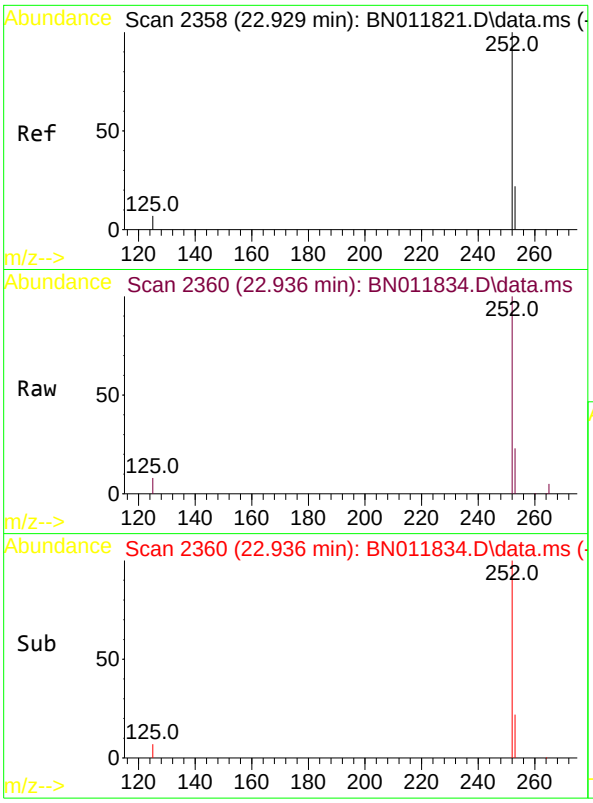
#37
Benzo(b)fluoranthene
Concen: 2.42 ng
RT: 22.892 min Scan# 2347
Delta R.T. 0.007 min
Lab File: BN011834.D
Acq: 18 Sep 2020 13:41

Tgt Ion:252 Resp: 101480

Ion	Ratio	Lower	Upper
252	100		
253	22.5	19.1	28.7
125	8.0	6.2	9.2



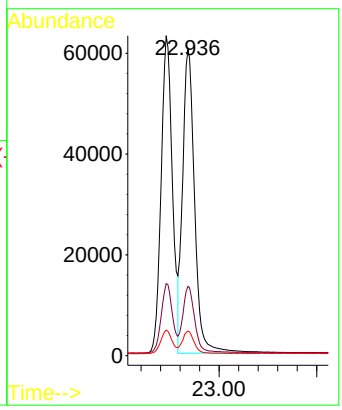
Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

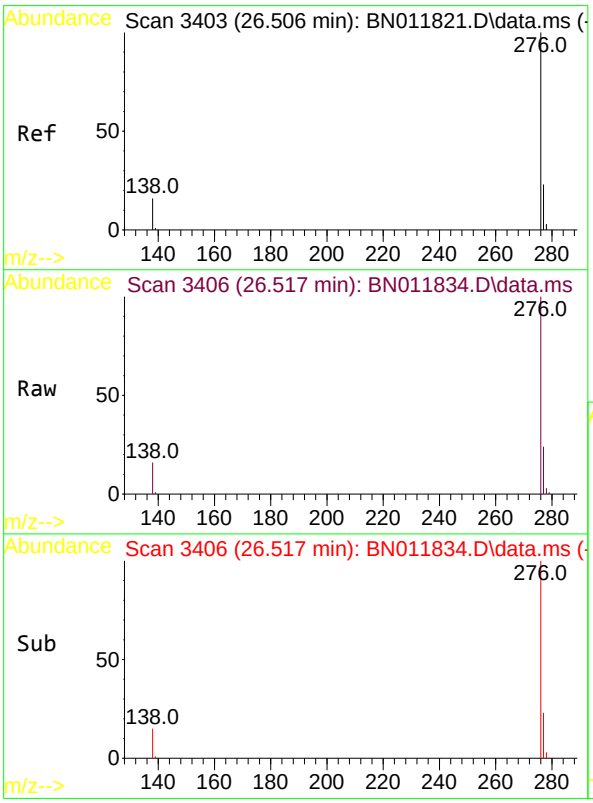


#38
Benzo(k)fluoranthene
Concen: 2.38 ng
RT: 22.936 min Scan# 2360
Delta R.T. 0.010 min
Lab File: BN011834.D
Acq: 18 Sep 2020 13:41

Tgt Ion:252 Resp: 103064

Ion	Ratio	Lower	Upper
252	100		
253	22.6	19.3	28.9
125	8.0	6.0	9.0





#41
Benzo(g,h,i)perylene
Concen: 2.66 ng
RT: 26.517 min Scan# 3406
Delta R.T. 0.010 min
Lab File: BN011834.D
Acq: 18 Sep 2020 13:41

Tgt Ion:276 Resp: 116781

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.4	29.0
138	15.6	11.3	16.9