Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103020\
Data File : BN012472.D
Acq On : 30 Oct 2020 16:35
Operator : CG/JU
Sample : L4560-01DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : B308-B309-LOC1-SO-0001DL

Quant Time: Oct 30 17:05:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN103020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 30 14:49:10 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.578	152	715	0.40	ng	# 0.00
7) Naphthalene-d8	10.339	136	2816	0.40	ng	# 0.00
13) Acenaphthene-d10	14.217	164	1697	0.40	ng	0.00
19) Phenanthrene-d10	16.968	188	3481	0.40	ng	# 0.00
29) Chrysene-d12	21.163	240	4146	0.40	ng	#-0.01
36) Perylene-d12	23.337	264	4919	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.186	112	157	0.06	ng	0.00
5) Phenol-d6	6.757	99	169	0.05	ng	0.00
8) Nitrobenzene-d5	8.742	82	191	0.06	ng	0.01
11) 2-Methylnaphthalene-d10	11.975	152	259	0.06	ng	0.04
14) 2,4,6-Tribromophenol	15.727	330	69	0.06	ng	0.01
15) 2-Fluorobiphenyl	12.847	172	427	0.07	ng	0.01
27) Fluoranthene-d10	19.003	212	699	0.06	ng	0.00
31) Terphenyl-d14	19.613	244	803	0.08	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.245	88	51	0.04	ng	# 26
3) n-Nitrosodimethylamine	3.431	42	115	0.04	ng	# 17
17) Acenaphthene	14.268	154	244	0.05	ng	90
18) Fluorene	15.283	166	203	0.03	ng	# 98
20) 4,6-Dinitro-2-methylph...	15.334	198	1	0.08	ng	# 1
23) Atrazine	16.019	200	269	0.13	ng	# 1
25) Phenanthrene	17.005	178	9100	0.88	ng	98
26) Anthracene	17.102	178	1826	0.19	ng	99
28) Fluoranthene	19.032	202	34886	2.87	ng	99
30) Pyrene	19.395	202	30402	2.15	ng	# 94
32) Benzo(a)anthracene	21.152	228	22527	1.74	ng	98
33) Chrysene	21.205	228	22687	1.61	ng	96
34) Bis(2-ethylhexyl)phtha...	21.089	149	223	0.03	ng	# 94
35) Indeno(1,2,3-cd)pyrene	25.490	276	12021	0.58	ng	96
37) Benzo(b)fluoranthene	22.693	252	27824	1.75	ng	99
38) Benzo(k)fluoranthene	22.693	252	27824	1.67	ng	99
39) Benzo(a)pyrene	23.241	252	17367	1.15	ng	97
40) Dibenzo(a,h)anthracene	25.500	278	4328	0.25	ng	# 83
41) Benzo(g,h,i)perylene	26.150	276	12964	0.72	ng	99

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

Quantitation Report (Not Reviewed)

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Acq On : 30 Oct 2020 16:35
Operator : CG/JU
Sample : L4560-01DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

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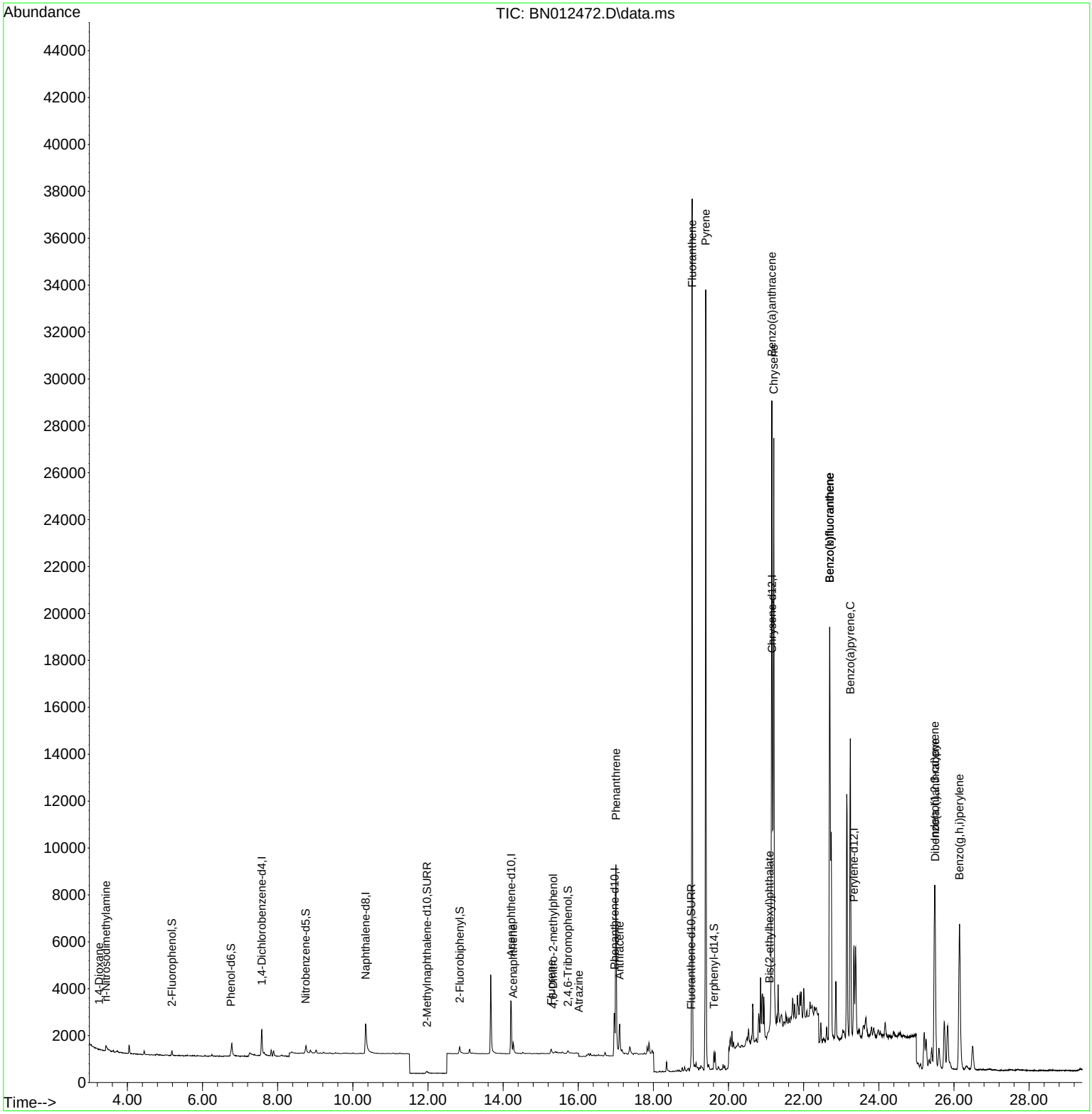
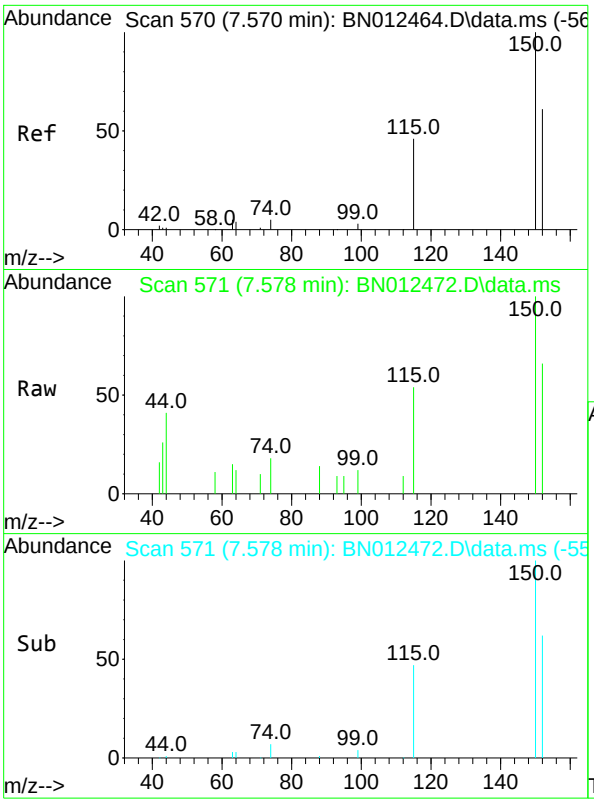
B308-B309-LOC1-SO-0001DL

Quant Time: Oct 30 17:05:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN103020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 30 14:49:10 2020
Response via : Initial Calibration

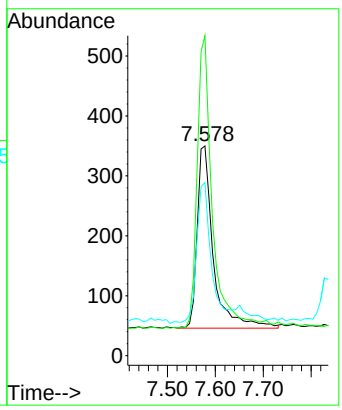




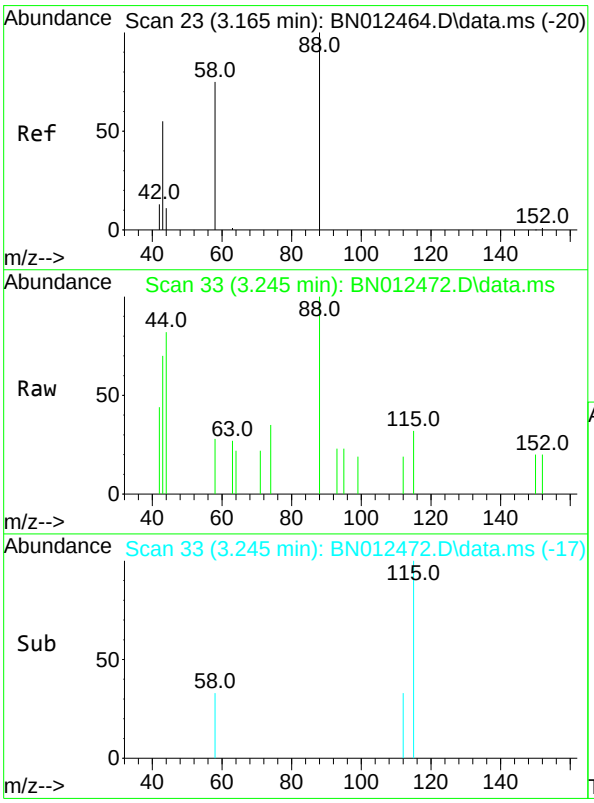
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.578 min Scan# 571
Delta R.T. 0.008 min
Lab File: BN012472.D
Acq: 30 Oct 2020 16:35

Tgt Ion:152 Resp: 715

Ion	Ratio	Lower	Upper
152	100		
150	152.6	116.6	174.8
115	82.6	52.9	79.3#



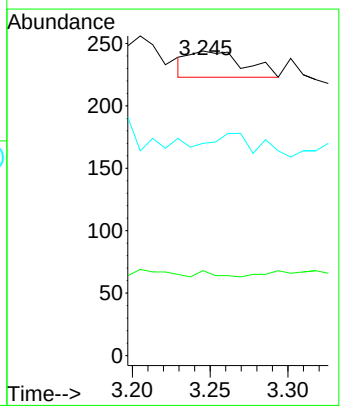
Instrument :
BNA_N
ClientSampleId :
B308-B309-LOC1-SO-0001DL



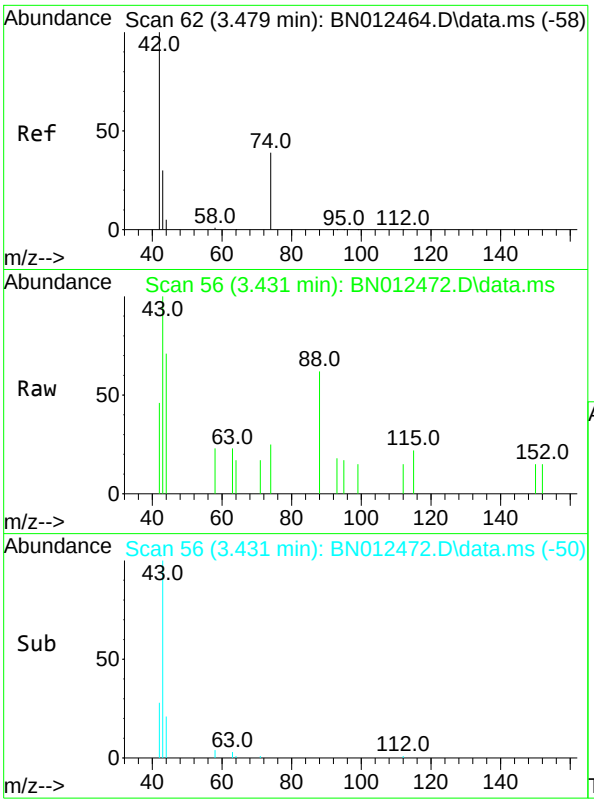
#2
1,4-Dioxane
Concen: 0.04 ng
RT: 3.245 min Scan# 33
Delta R.T. 0.081 min
Lab File: BN012472.D
Acq: 30 Oct 2020 16:35

Tgt Ion: 88 Resp: 51

Ion	Ratio	Lower	Upper
88	100		
58	5.9	59.4	89.2#
43	78.4	32.3	48.5#



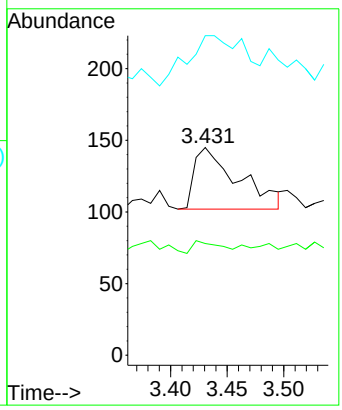
Instrument :
BNA_N
ClientSampleId :
B308-B309-LOC1-SO-0001DL

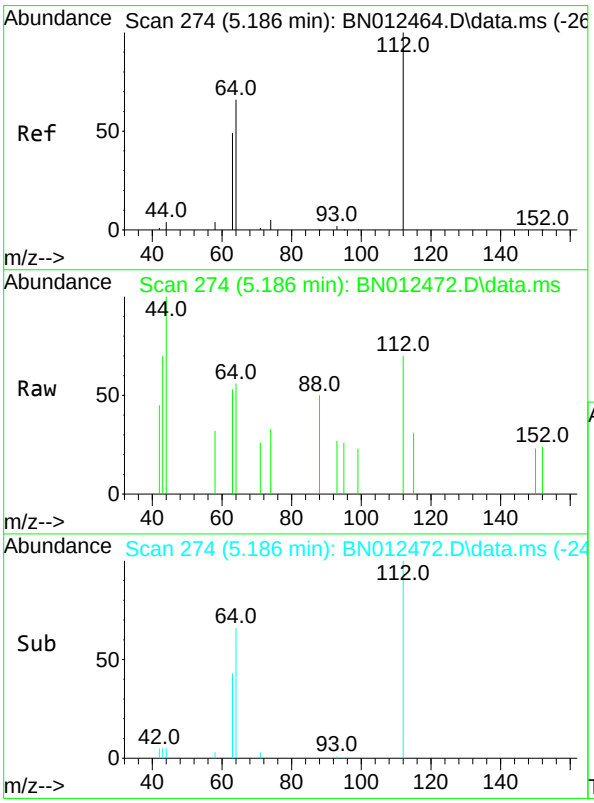


#3
n-Nitrosodimethylamine
Concen: 0.04 ng
RT: 3.431 min Scan# 56
Delta R.T. -0.048 min
Lab File: BN012472.D
Acq: 30 Oct 2020 16:35

Tgt Ion: 42 Resp: 115

Ion	Ratio	Lower	Upper
42	100		
74	12.2	64.4	96.6#
44	76.5	2.8	4.2#

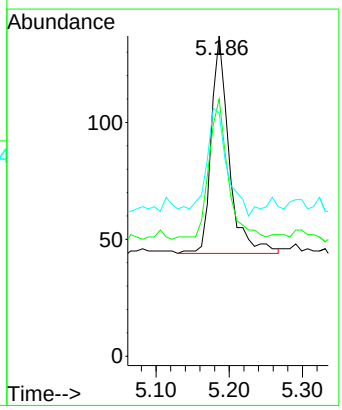


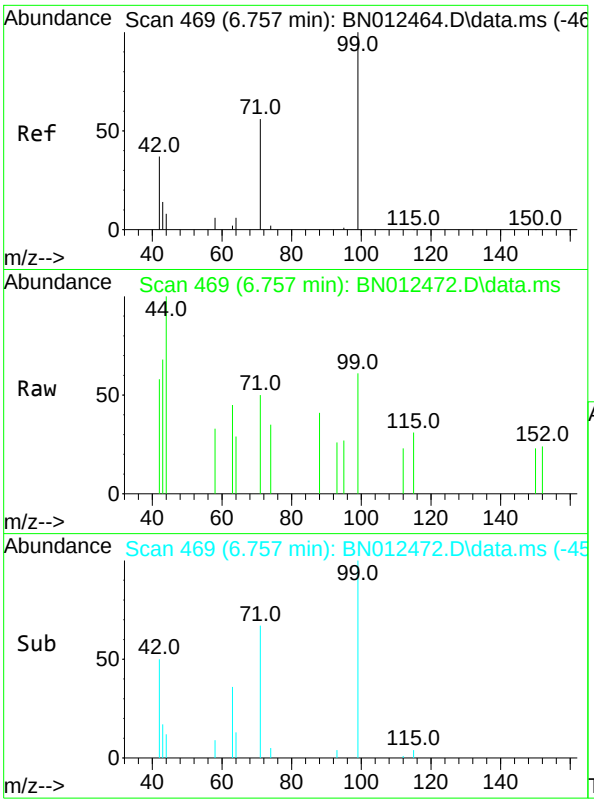


#4
2-Fluorophenol
Concen: 0.06 ng
RT: 5.186 min Scan# 274
Delta R.T. 0.000 min
Lab File: BN012472.D
Acq: 30 Oct 2020 16:35

Tgt Ion:112 Resp: 157

Ion	Ratio	Lower	Upper
112	100		
64	70.1	49.5	74.3
63	56.1	32.0	48.0#

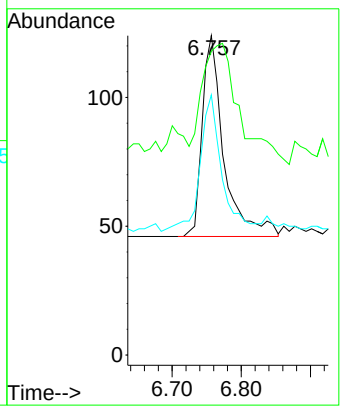




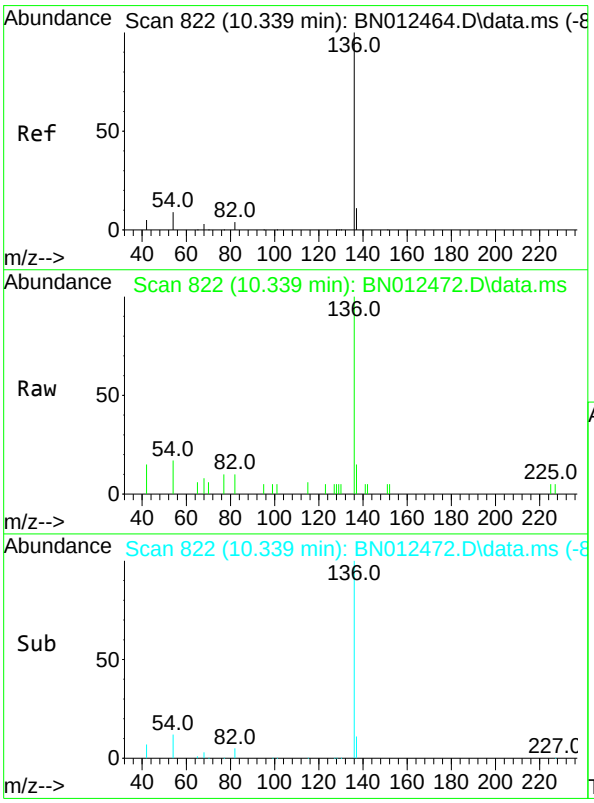
#5
Phenol-d6
Concen: 0.05 ng
RT: 6.757 min Scan# 469
Delta R.T. 0.000 min
Lab File: BN012472.D
Acq: 30 Oct 2020 16:35

Tgt Ion: 99 Resp: 169

Ion	Ratio	Lower	Upper
99	100		
42	104.1	22.4	33.6#
71	67.5	37.8	56.6#



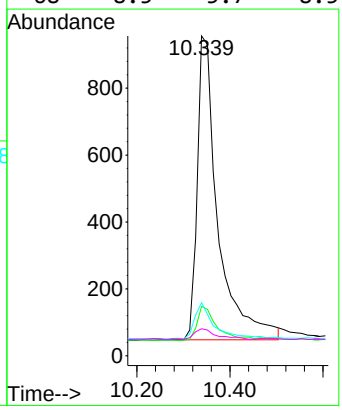
Instrument :
BNA_N
ClientSampleId :
B308-B309-LOC1-SO-0001DL

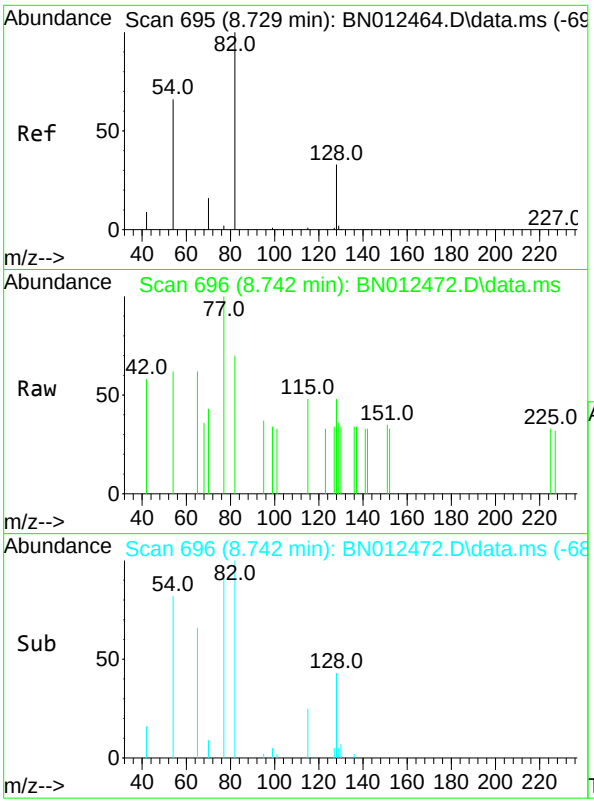


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.339 min Scan# 822
Delta R.T. 0.000 min
Lab File: BN012472.D
Acq: 30 Oct 2020 16:35

Tgt Ion:136 Resp: 2816

Ion	Ratio	Lower	Upper
136	100		
137	15.5	10.6	15.8
54	16.6	8.6	12.8#
68	8.5	5.7	8.5

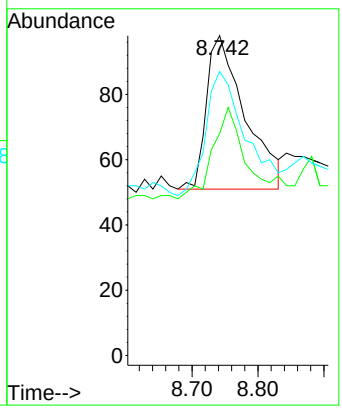




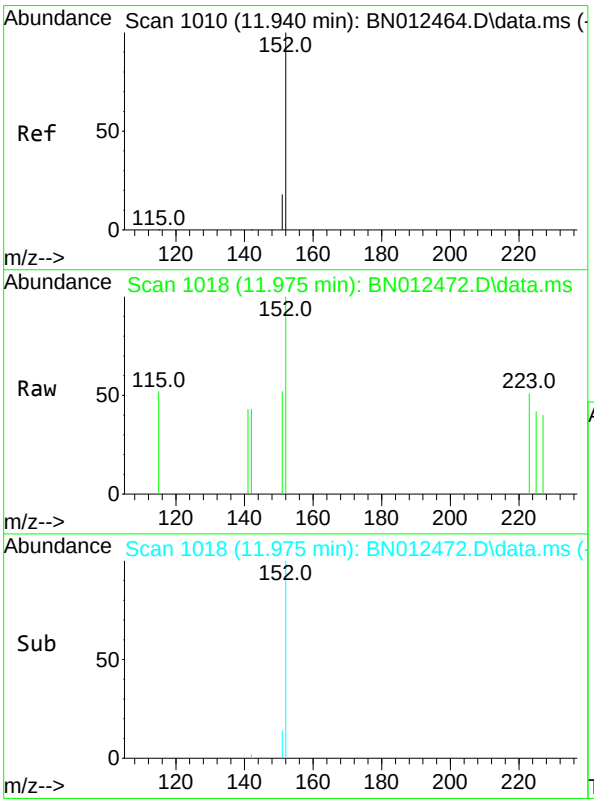
#8
Nitrobenzene-d5
Concen: 0.06 ng
RT: 8.742 min Scan# 696
Delta R.T. 0.013 min
Lab File: BN012472.D
Acq: 30 Oct 2020 16:35

Tgt Ion: 82 Resp: 191

Ion	Ratio	Lower	Upper
82	100		
128	69.4	30.6	46.0#
54	88.8	48.3	72.5#



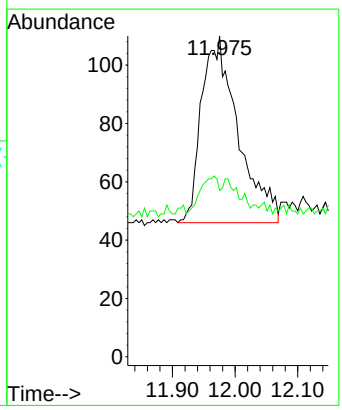
Instrument :
BNA_N
ClientSampleId :
B308-B309-LOC1-SO-0001DL



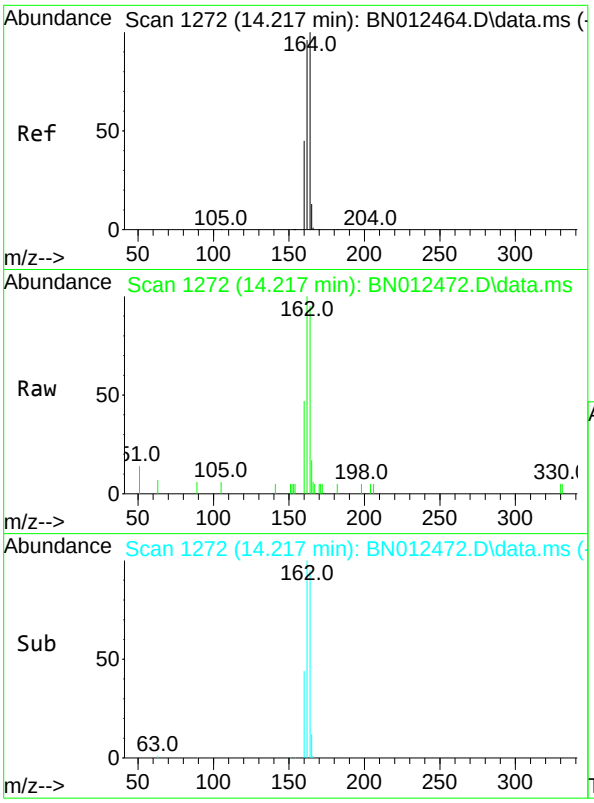
#11
2-Methylnaphthalene-d10
Concen: 0.06 ng
RT: 11.975 min Scan# 1018
Delta R.T. 0.036 min
Lab File: BN012472.D
Acq: 30 Oct 2020 16:35

Tgt Ion:152 Resp: 259

Ion	Ratio	Lower	Upper
152	100		
151	5.0	16.7	25.1#



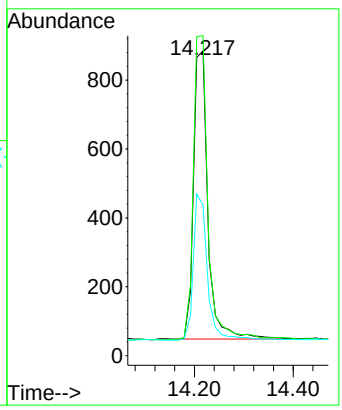
Instrument :
BNA_N
ClientSampleId :
B308-B309-LOC1-SO-0001DL

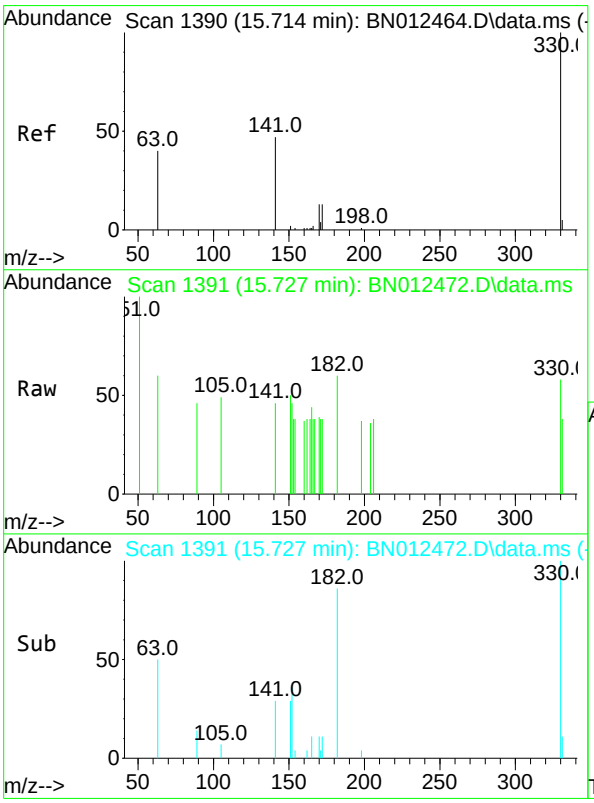


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.217 min Scan# 1272
Delta R.T. 0.000 min
Lab File: BN012472.D
Acq: 30 Oct 2020 16:35

Tgt Ion:164 Resp: 1697

Ion	Ratio	Lower	Upper
164	100		
162	105.0	80.6	120.8
160	49.4	39.5	59.3

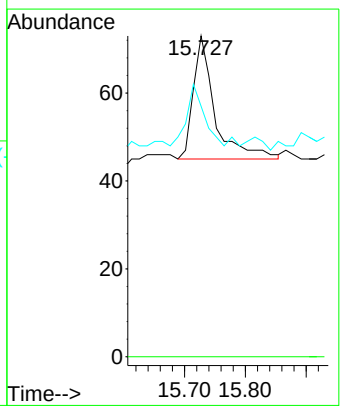


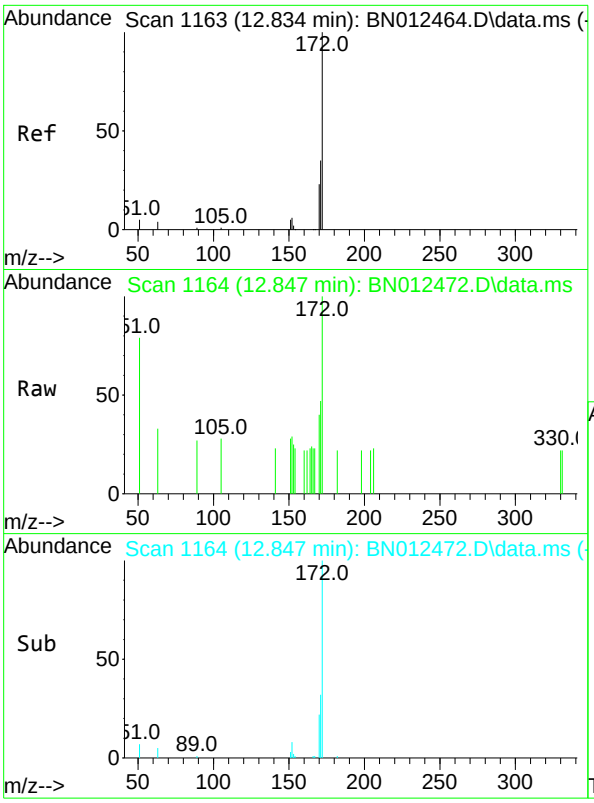


#14
2,4,6-Tribromophenol
Concen: 0.06 ng
RT: 15.727 min Scan# 1391
Delta R.T. 0.013 min
Lab File: BN012472.D
Acq: 30 Oct 2020 16:35

Tgt Ion:330 Resp: 69

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	47.8	34.4	51.6

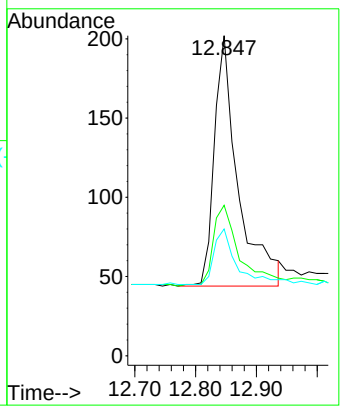




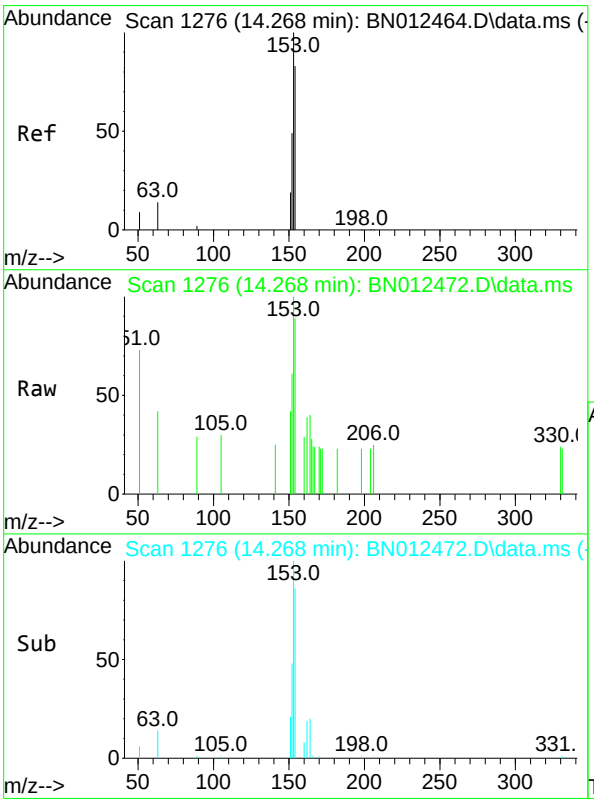
#15
2-Fluorobiphenyl
Concen: 0.07 ng
RT: 12.847 min Scan# 1164
Delta R.T. 0.013 min
Lab File: BN012472.D
Acq: 30 Oct 2020 16:35

Tgt Ion:172 Resp: 427

Ion	Ratio	Lower	Upper
172	100		
171	47.0	28.2	42.4#
170	39.6	20.0	30.0#



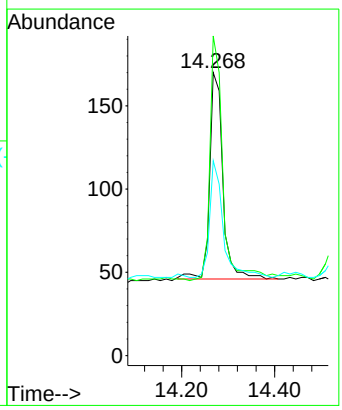
Instrument :
BNA_N
ClientSampleId :
B308-B309-LOC1-SO-0001DL



#17
Acenaphthene
Concen: 0.05 ng
RT: 14.268 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BN012472.D
Acq: 30 Oct 2020 16:35

Tgt Ion:154 Resp: 244

Ion	Ratio	Lower	Upper
154	100		
153	118.4	83.6	125.4
152	57.8	43.9	65.9



Instrument :
BNA_N
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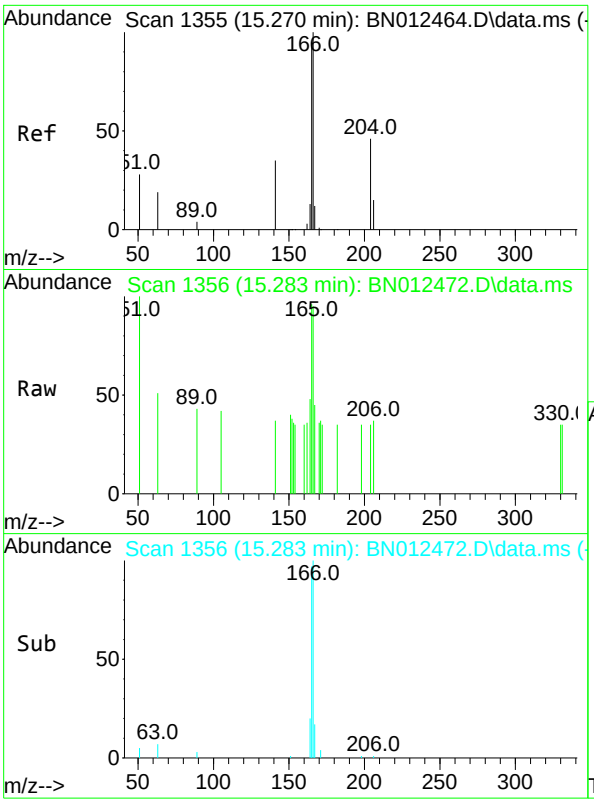
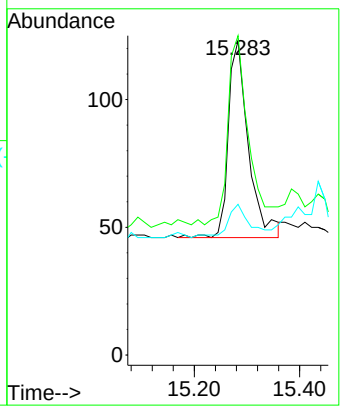
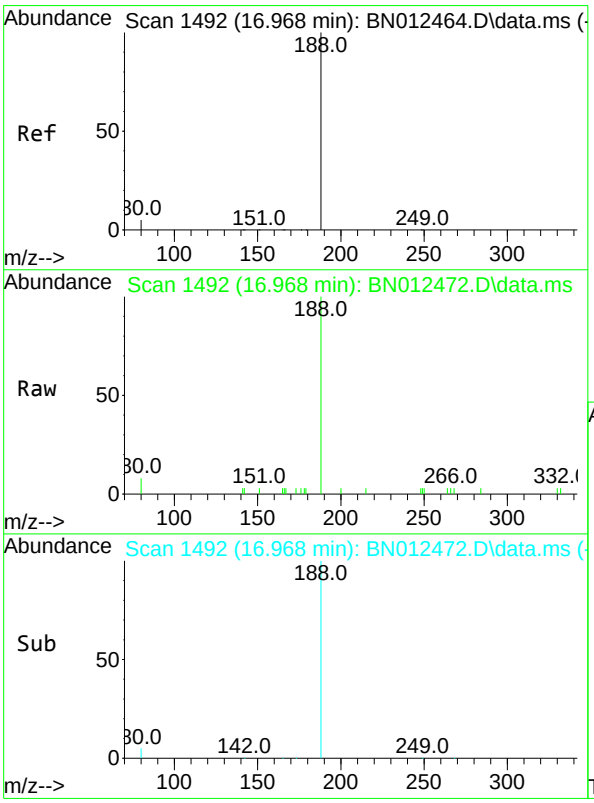


#18
Fluorene
Concen: 0.03 ng
RT: 15.283 min Scan# 1356
Delta R.T. 0.013 min
Lab File: BN012472.D
Acq: 30 Oct 2020 16:35

Tgt Ion:166 Resp: 203

Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.6	118.0
167	18.2	10.7	16.1#

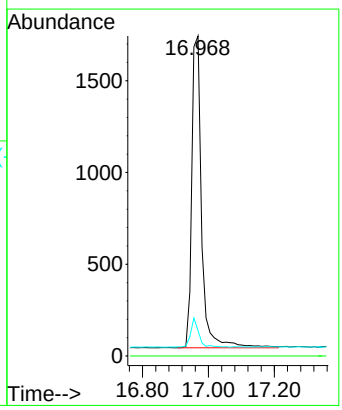




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.968 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BN012472.D
Acq: 30 Oct 2020 16:35

Tgt Ion:188 Resp: 3481

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.9	5.0	7.4#



Instrument :
BNA_N
ClientSampleId :
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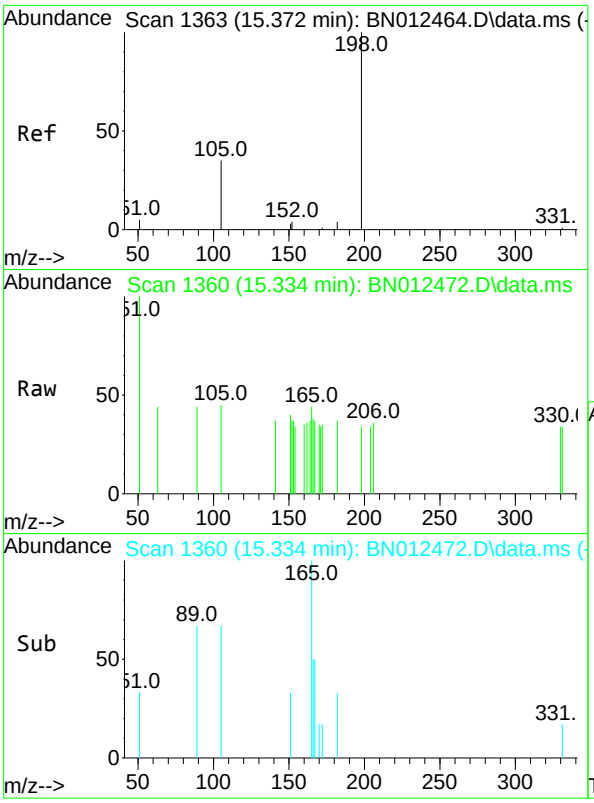
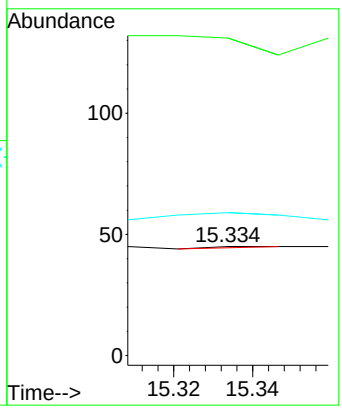
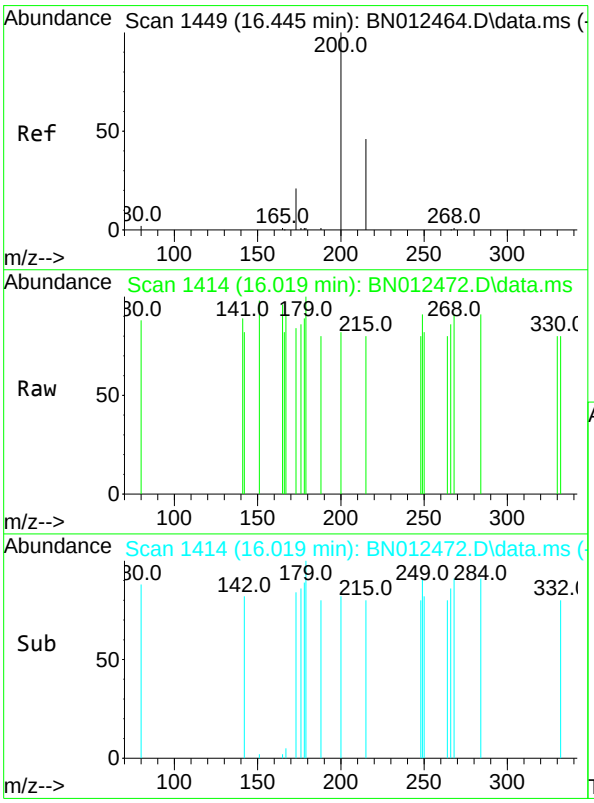


#20
4,6-Dinitro-2-methylphenol
Concen: 0.08 ng
RT: 15.334 min Scan# 1360
Delta R.T. -0.038 min
Lab File: BN012472.D
Acq: 30 Oct 2020 16:35

Tgt Ion:198 Resp: 1

Ion	Ratio	Lower	Upper
198	100		
51	291.1	43.5	65.3#
105	131.1	27.2	40.8#

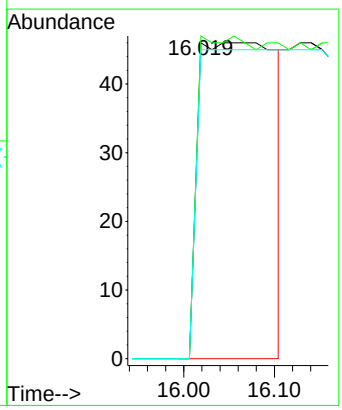




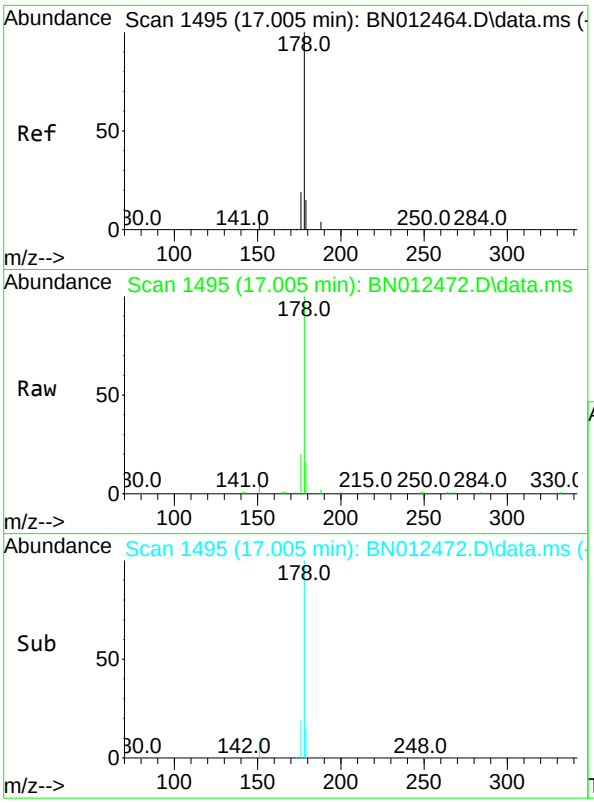
#23
Atrazine
Concen: 0.13 ng
RT: 16.019 min Scan# 1414
Delta R.T. -0.426 min
Lab File: BN012472.D
Acq: 30 Oct 2020 16:35

Tgt Ion:200 Resp: 269

Ion	Ratio	Lower	Upper
200	100		
173	102.2	22.8	34.2#
215	97.8	38.1	57.1#



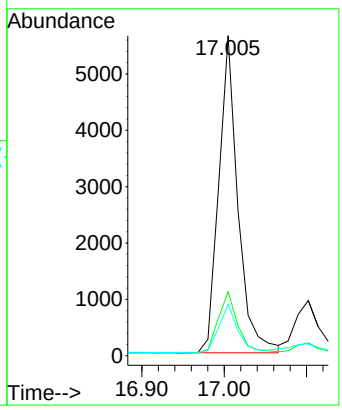
Instrument :
BNA_N
ClientSampleId :
B308-B309-LOC1-SO-0001DL

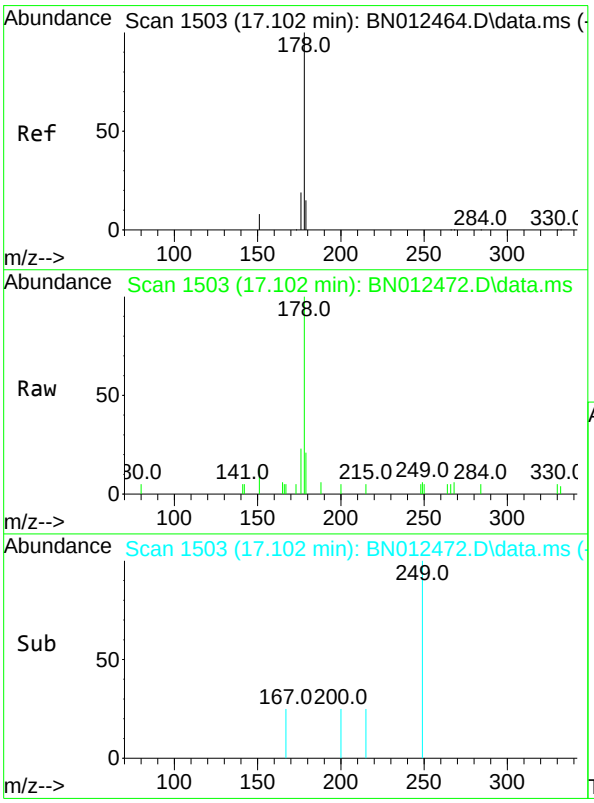


#25
Phenanthrene
Concen: 0.88 ng
RT: 17.005 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BN012472.D
Acq: 30 Oct 2020 16:35

Tgt Ion:178 Resp: 9100

Ion	Ratio	Lower	Upper
178	100		
176	19.8	14.8	22.2
179	15.3	12.4	18.6

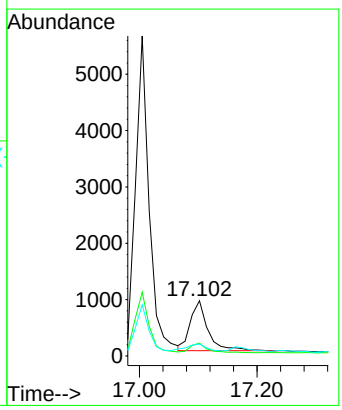


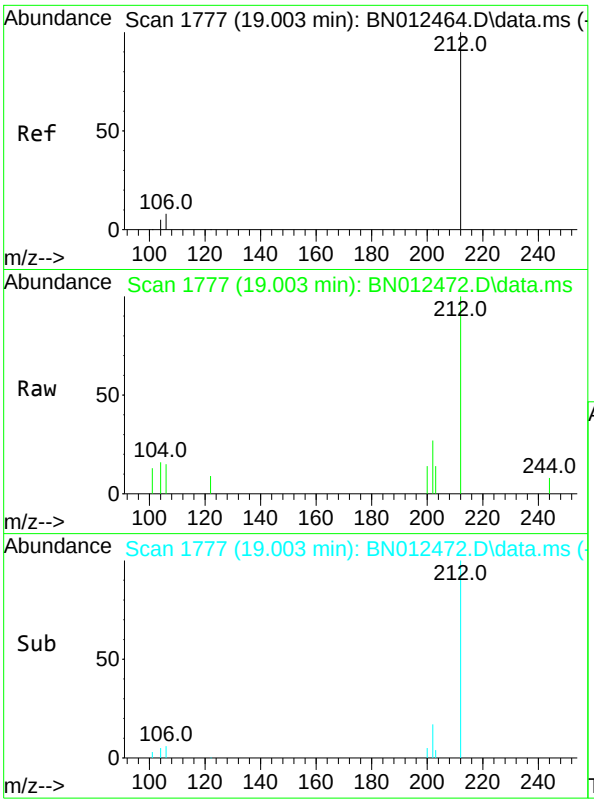


#26
Anthracene
Concen: 0.19 ng
RT: 17.102 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BN012472.D
Acq: 30 Oct 2020 16:35

Tgt Ion:178 Resp: 1826

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.8	22.2
179	15.1	12.5	18.7

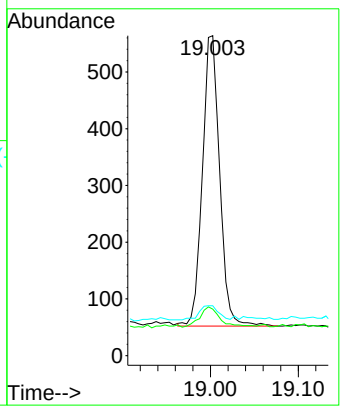




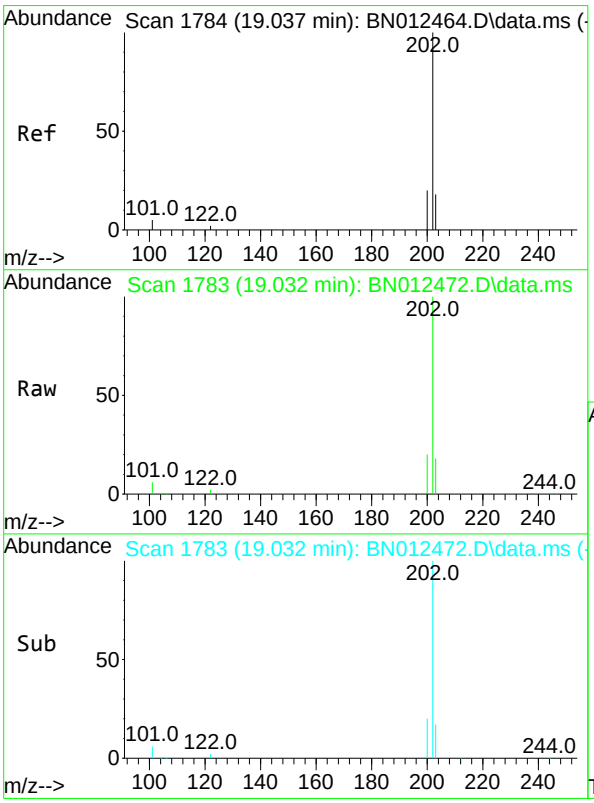
#27
Fluoranthene-d10
Concen: 0.06 ng
RT: 19.003 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BN012472.D
Acq: 30 Oct 2020 16:35

Tgt Ion:212 Resp: 699

Ion	Ratio	Lower	Upper
212	100		
106	8.4	6.8	10.2
104	5.6	4.1	6.1



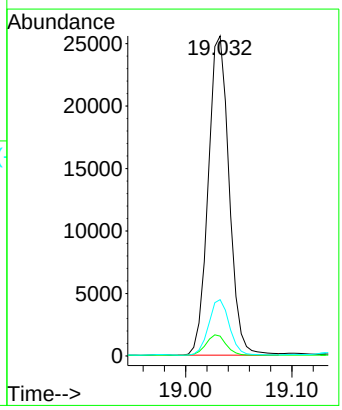
Instrument :
BNA_N
ClientSampleId :
B308-B309-LOC1-SO-0001DL



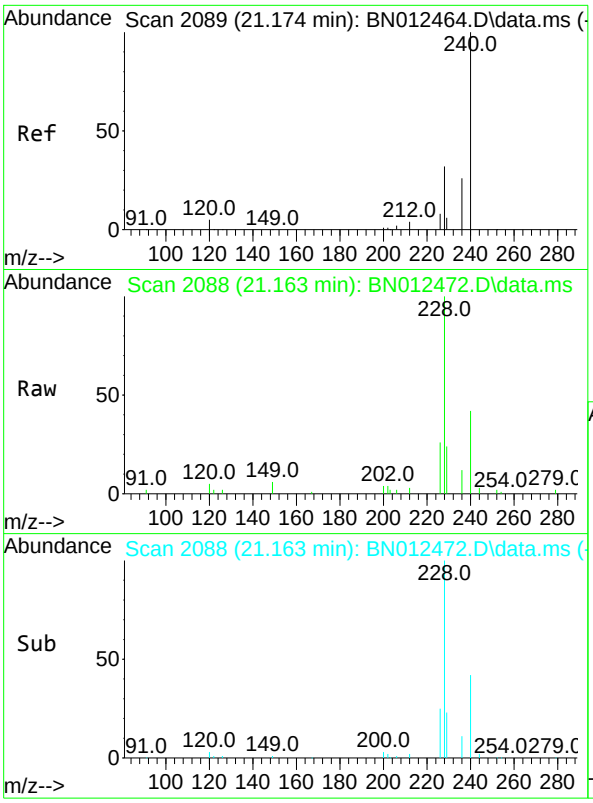
#28
Fluoranthene
Concen: 2.87 ng
RT: 19.032 min Scan# 1783
Delta R.T. -0.005 min
Lab File: BN012472.D
Acq: 30 Oct 2020 16:35

Tgt Ion:202 Resp: 34886

Ion	Ratio	Lower	Upper
202	100		
101	6.3	5.8	8.6
203	17.3	13.7	20.5



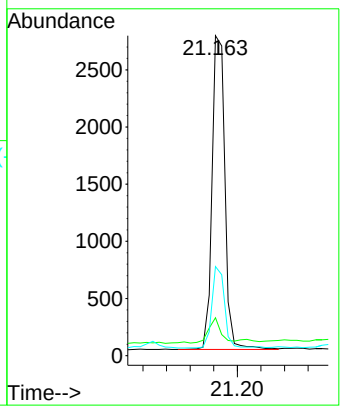
Instrument :
BNA_N
ClientSampleId :
B308-B309-LOC1-SO-0001DL

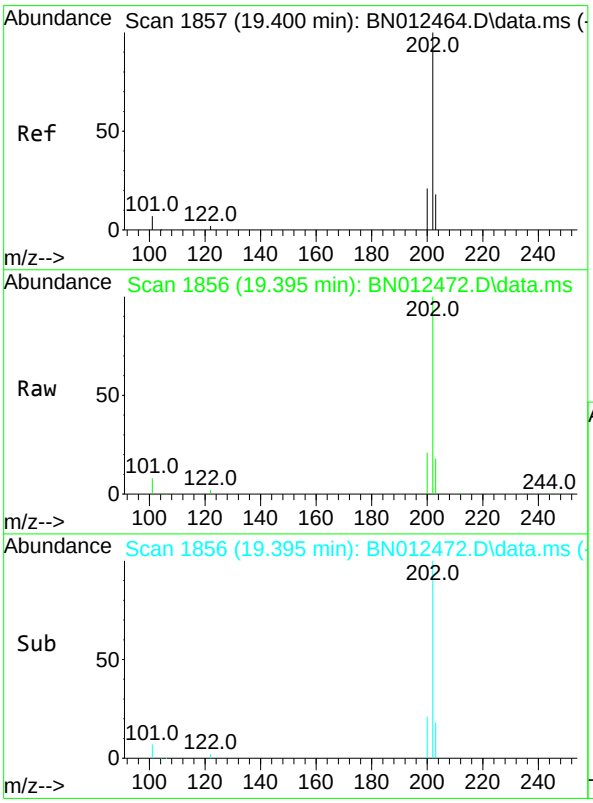


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.163 min Scan# 2088
Delta R.T. -0.011 min
Lab File: BN012472.D
Acq: 30 Oct 2020 16:35

Tgt Ion:240 Resp: 4146

Ion	Ratio	Lower	Upper
240	100		
120	11.8	5.3	7.9#
236	27.8	21.8	32.8

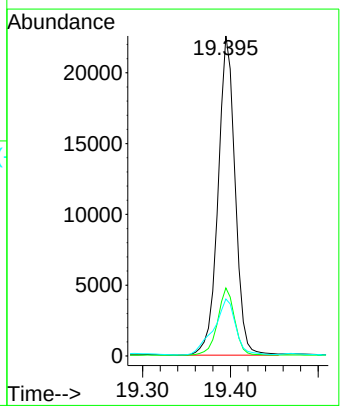




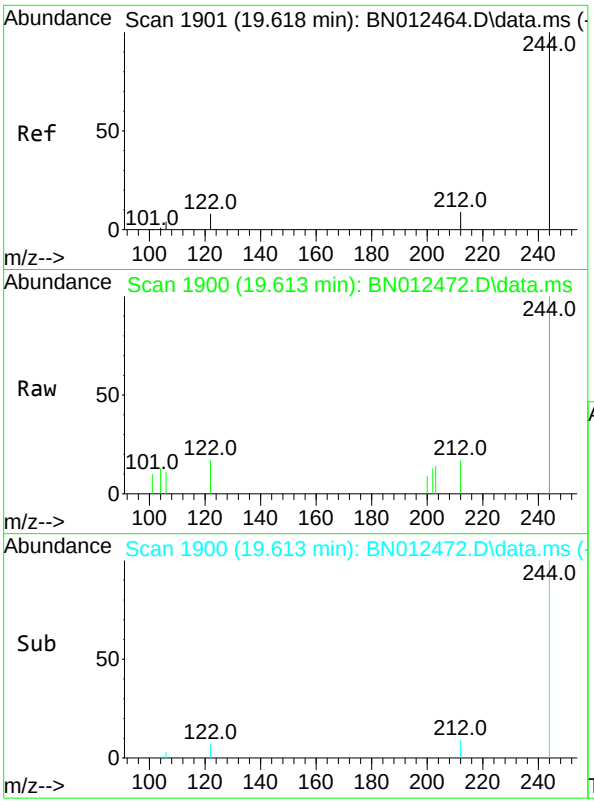
#30
Pyrene
Concen: 2.15 ng
RT: 19.395 min Scan# 1856
Delta R.T. -0.005 min
Lab File: BN012472.D
Acq: 30 Oct 2020 16:35

Tgt Ion:202 Resp: 30402

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	24.8
203	22.5	13.8	20.8#



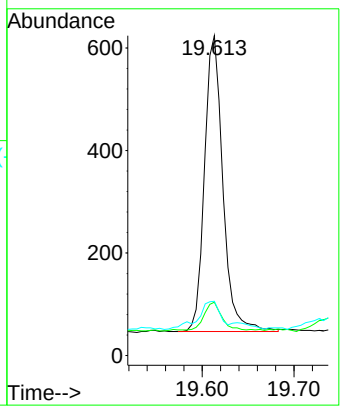
Instrument :
BNA_N
ClientSampleId :
B308-B309-LOC1-SO-0001DL

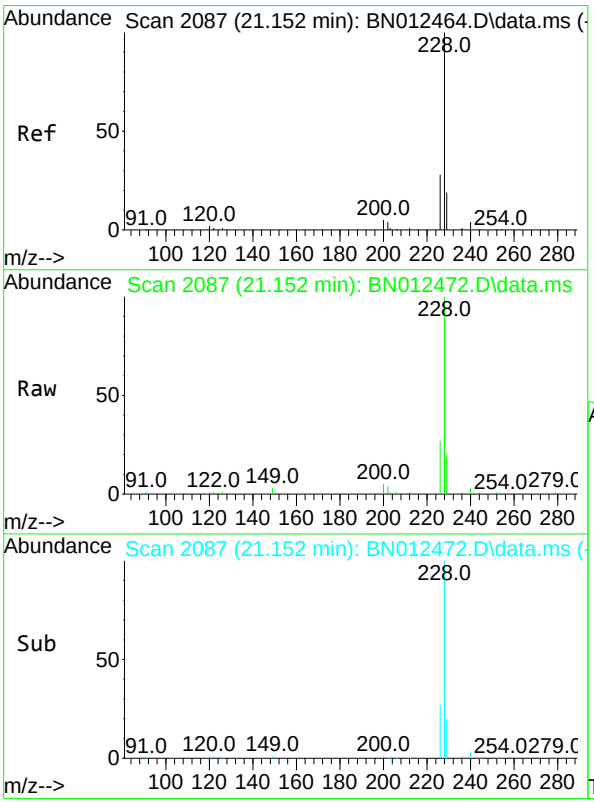


#31
Terphenyl-d14
Concen: 0.08 ng
RT: 19.613 min Scan# 1900
Delta R.T. -0.005 min
Lab File: BN012472.D
Acq: 30 Oct 2020 16:35

Tgt Ion:244 Resp: 803

Ion	Ratio	Lower	Upper
244	100		
212	16.7	7.3	10.9#
122	17.0	7.3	10.9#

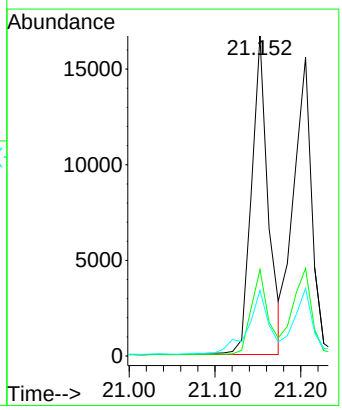




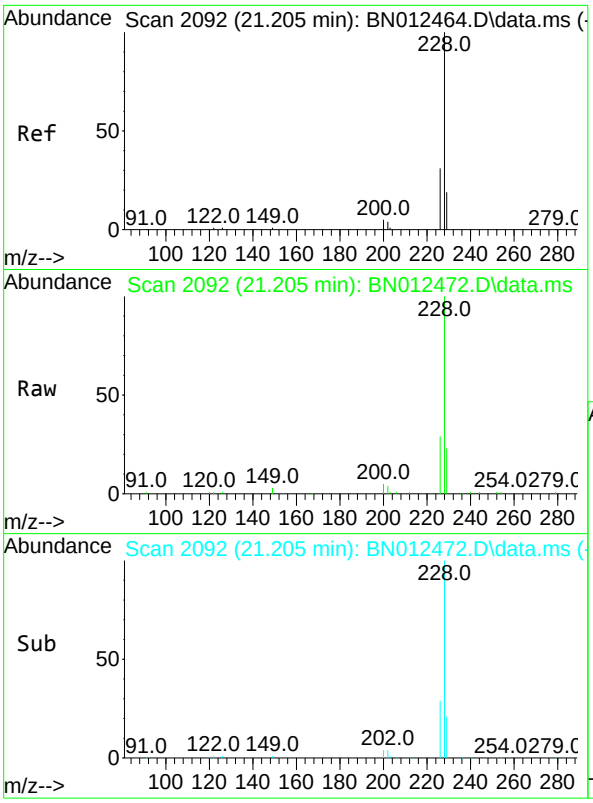
#32
Benzo(a)anthracene
Concen: 1.74 ng
RT: 21.152 min Scan# 2087
Delta R.T. 0.000 min
Lab File: BN012472.D
Acq: 30 Oct 2020 16:35

Tgt Ion:228 Resp: 22527

Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.3	33.5
229	20.5	15.7	23.5



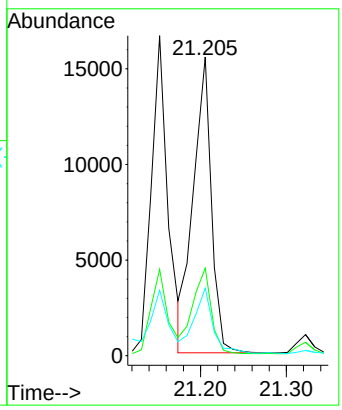
Instrument :
BNA_N
ClientSampleId :
B308-B309-LOC1-SO-0001DL

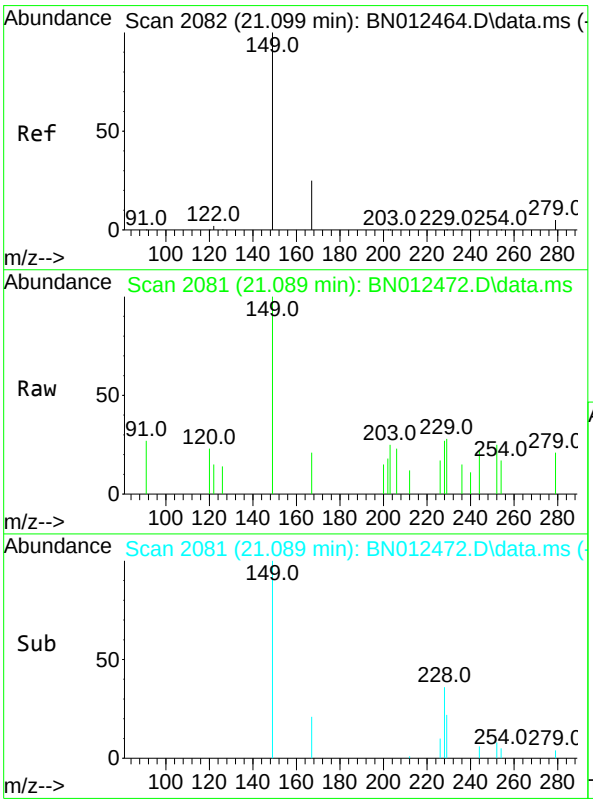


#33
Chrysene
Concen: 1.61 ng
RT: 21.205 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BN012472.D
Acq: 30 Oct 2020 16:35

Tgt Ion:228 Resp: 22687

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.2	36.2
229	22.6	15.7	23.5

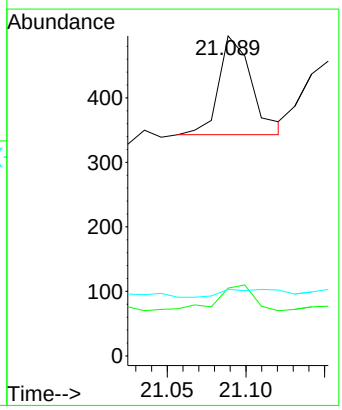




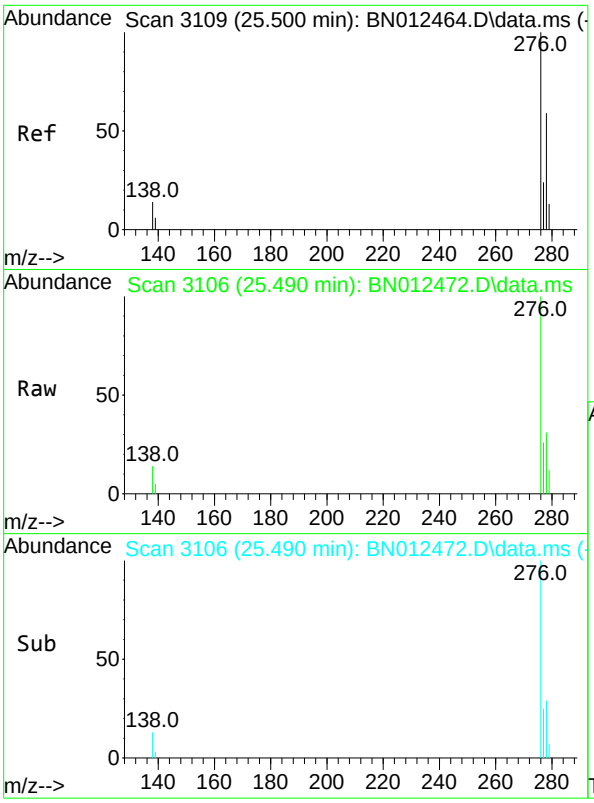
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.03 ng
RT: 21.089 min Scan# 2081
Delta R.T. -0.011 min
Lab File: BN012472.D
Acq: 30 Oct 2020 16:35

Tgt Ion:149 Resp: 223

Ion	Ratio	Lower	Upper
149	100		
167	27.8	23.2	34.8
279	13.5	3.9	5.9#



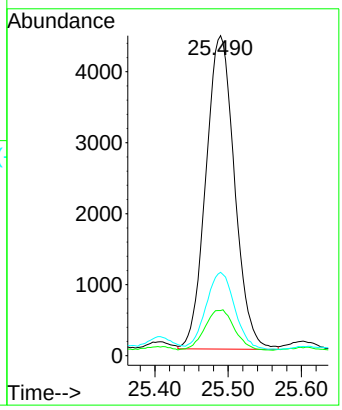
Instrument :
BNA_N
ClientSampleId :
B308-B309-LOC1-SO-0001DL

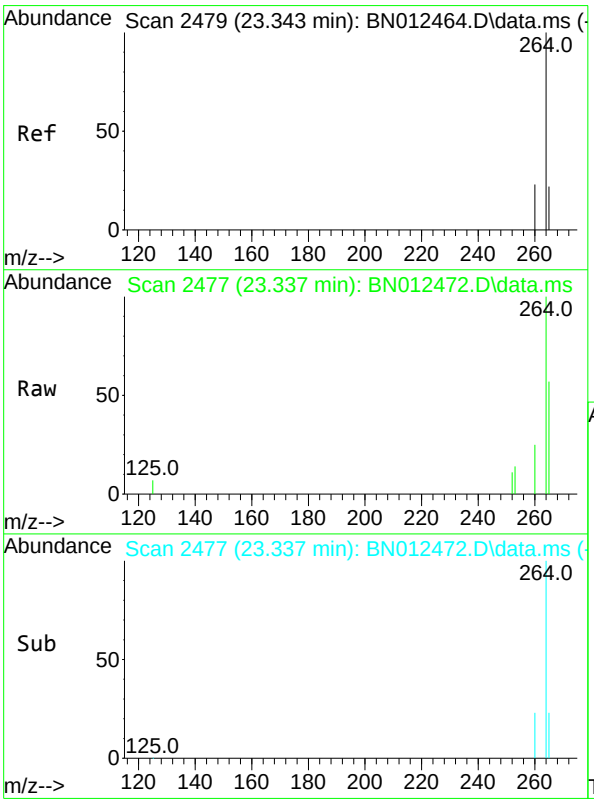


#35
Indeno(1,2,3-cd)pyrene
Concen: 0.58 ng
RT: 25.490 min Scan# 3106
Delta R.T. -0.010 min
Lab File: BN012472.D
Acq: 30 Oct 2020 16:35

Tgt Ion:276 Resp: 12021

Ion	Ratio	Lower	Upper
276	100		
138	13.4	13.3	19.9
277	24.4	20.2	30.4

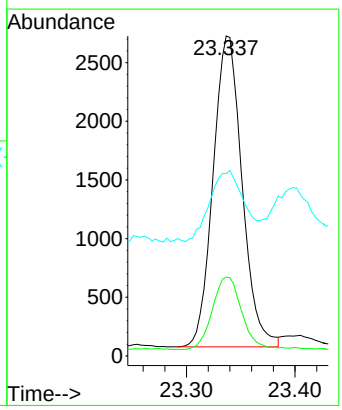


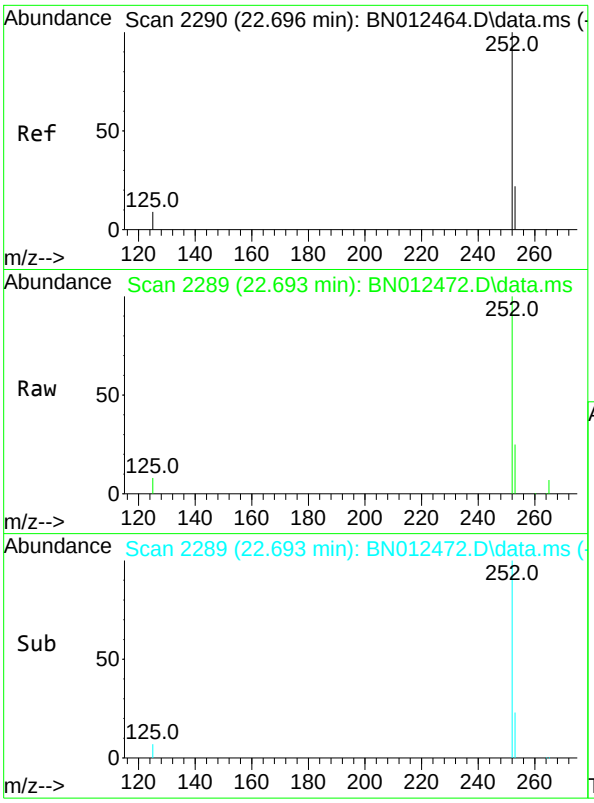


#36
Perylene-d12
Concen: 0.40 ng
RT: 23.337 min Scan# 2477
Delta R.T. -0.007 min
Lab File: BN012472.D
Acq: 30 Oct 2020 16:35

Tgt Ion:264 Resp: 4919

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.6
265	57.0	51.4	77.0

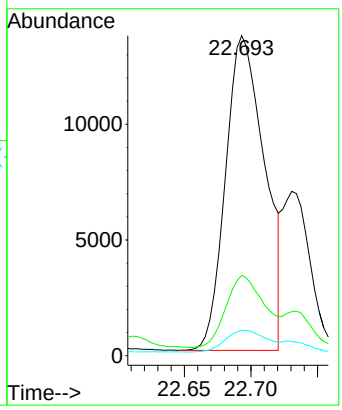




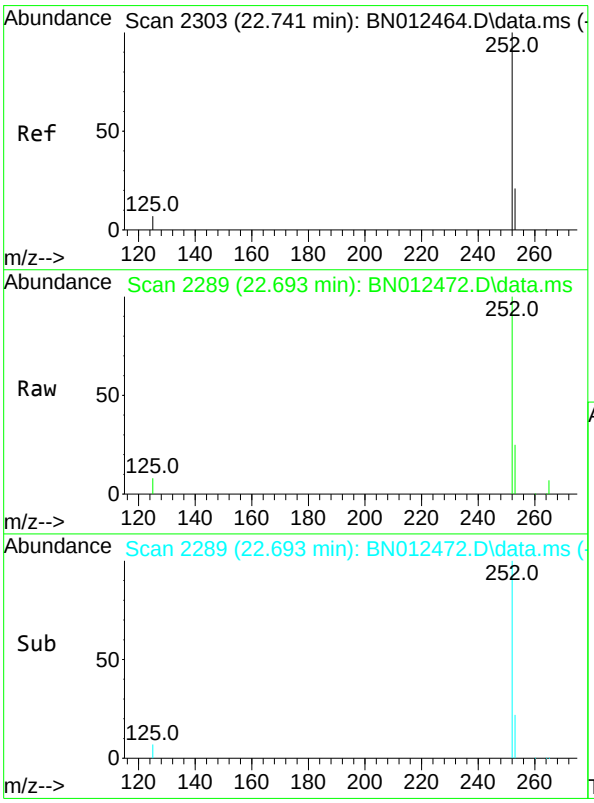
#37
Benzo(b)fluoranthene
Concen: 1.75 ng
RT: 22.693 min Scan# 2289
Delta R.T. -0.003 min
Lab File: BN012472.D
Acq: 30 Oct 2020 16:35

Tgt Ion:252 Resp: 27824

Ion	Ratio	Lower	Upper
252	100		
253	25.1	20.1	30.1
125	8.0	7.2	10.8



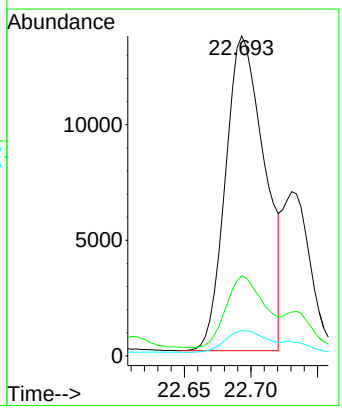
Instrument :
BNA_N
ClientSampleId :
B308-B309-LOC1-SO-0001DL



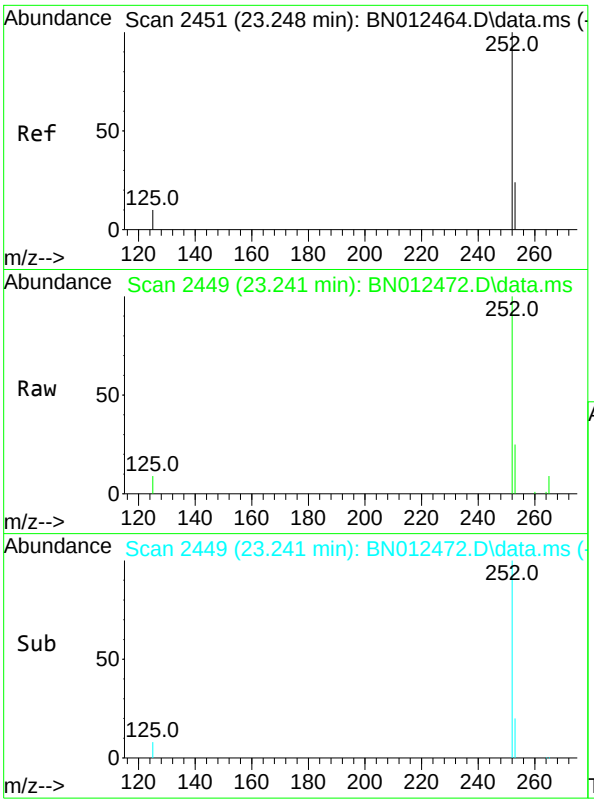
#38
Benzo(k)fluoranthene
Concen: 1.67 ng
RT: 22.693 min Scan# 2289
Delta R.T. -0.048 min
Lab File: BN012472.D
Acq: 30 Oct 2020 16:35

Tgt Ion:252 Resp: 27824

Ion	Ratio	Lower	Upper
252	100		
253	25.1	19.8	29.8
125	8.0	7.1	10.7



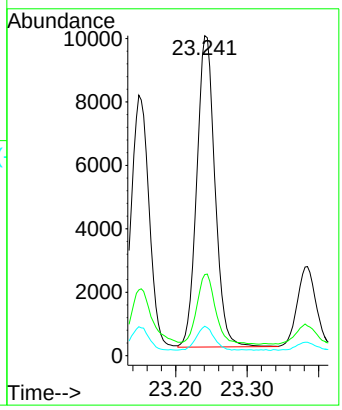
Instrument :
BNA_N
ClientSampleId :
B308-B309-LOC1-SO-0001DL

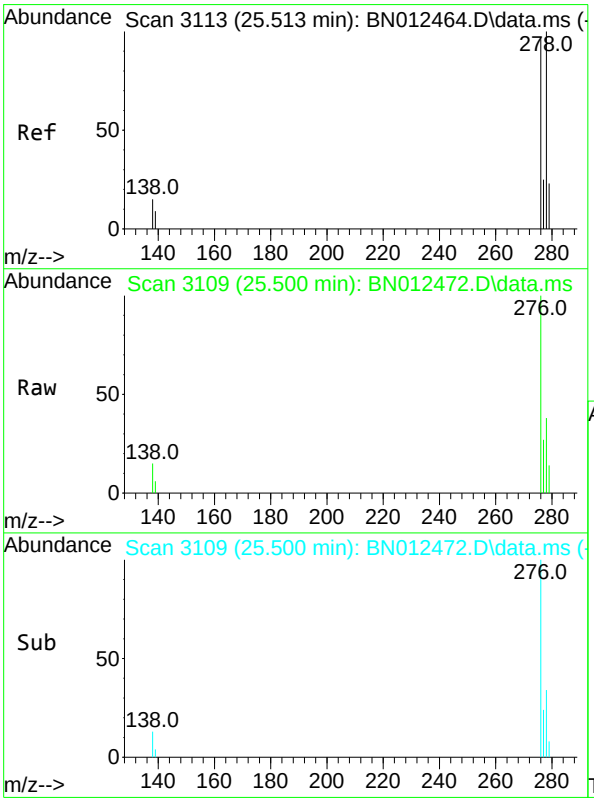


#39
Benzo(a)pyrene
Concen: 1.15 ng
RT: 23.241 min Scan# 2449
Delta R.T. -0.007 min
Lab File: BN012472.D
Acq: 30 Oct 2020 16:35

Tgt Ion:252 Resp: 17367

Ion	Ratio	Lower	Upper
252	100		
253	25.4	21.3	31.9
125	9.2	8.3	12.5

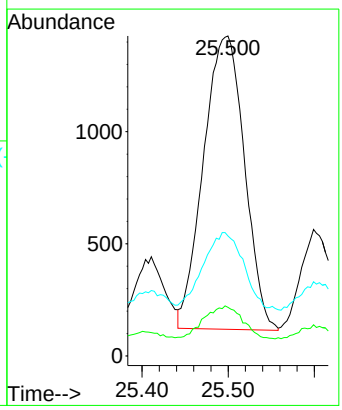


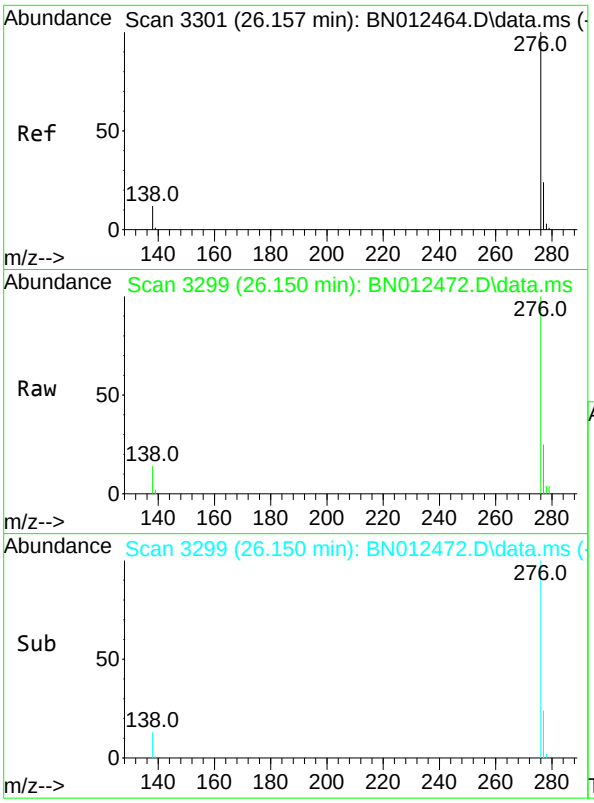


#40
Dibenzo(a,h)anthracene
Concen: 0.25 ng
RT: 25.500 min Scan# 3109
Delta R.T. -0.014 min
Lab File: BN012472.D
Acq: 30 Oct 2020 16:35

Tgt Ion:278 Resp: 4328

Ion	Ratio	Lower	Upper
278	100		
139	15.2	9.3	13.9#
279	37.5	21.6	32.4#

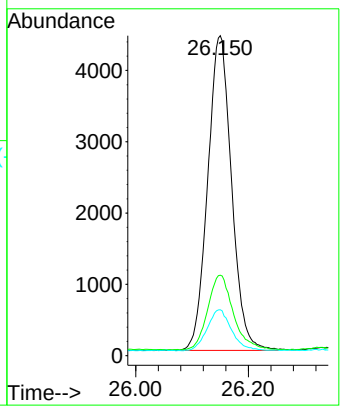




#41
Benzo(g,h,i)perylene
Concen: 0.72 ng
RT: 26.150 min Scan# 3299
Delta R.T. -0.007 min
Lab File: BN012472.D
Acq: 30 Oct 2020 16:35

Tgt Ion:276 Resp: 12964

Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.8	29.8
138	14.3	11.7	17.5



Instrument :
BNA_N
ClientSampleId :
B308-B309-LOC1-SO-0001DL