Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092920\
Data File : BN012026.D
Acq On : 29 Sep 2020 18:37
Operator : CG/JU
Sample : PB131967BL
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB131967BL

Quant Time: Sep 29 19:10:34 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 29 10:58:58 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.675	152	1447	0.40	ng		0.00
7) Naphthalene-d8	10.440	136	6114	0.40	ng	#	0.00
13) Acenaphthene-d10	14.306	164	3434	0.40	ng		0.00
19) Phenanthrene-d10	17.053	188	6806	0.40	ng	#	0.00
29) Chrysene-d12	21.248	240	6477	0.40	ng	#	0.00
36) Perylene-d12	23.456	264	6882	0.40	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.275	112	838	0.17	ng		0.00
5) Phenol-d6	6.845	99	651	0.10	ng		0.00
8) Nitrobenzene-d5	8.818	82	1757	0.28	ng		0.00
11) 2-Methylnaphthalene-d10	12.038	152	2436	0.25	ng		0.00
14) 2,4,6-Tribromophenol	15.803	330	684	0.41	ng		0.01
15) 2-Fluorobiphenyl	12.923	172	3917	0.30	ng		0.00
27) Fluoranthene-d10	19.082	212	6123	0.31	ng		0.00
31) Terphenyl-d14	19.688	244	7914	0.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.270	88	51	0.02	ng	#	18
3) n-Nitrosodimethylamine	3.535	42	442	0.12	ng	#	23
25) Phenanthrene	17.175	178	449	0.02	ng		98
26) Anthracene	17.175	178	432	0.02	ng		98
28) Fluoranthene	19.112	202	1263	0.05	ng	#	90
30) Pyrene	19.479	202	1311	0.05	ng		97
32) Benzo(a)anthracene	21.227	228	1366	0.07	ng	#	89
33) Chrysene	21.280	228	1551	0.07	ng	#	89
34) Bis(2-ethylhexyl)phtha...	21.174	149	7692	0.52	ng	#	89
35) Indeno(1,2,3-cd)pyrene	25.668	276	1896	0.07	ng	#	76
37) Benzo(b)fluoranthene	22.799	252	1579	0.07	ng	#	22
38) Benzo(k)fluoranthene	22.840	252	1655	0.06	ng	#	18
39) Benzo(a)pyrene	23.361	252	1345	0.06	ng	#	1
40) Dibenzo(a,h)anthracene	25.688	278	1538	0.07	ng	#	27
41) Benzo(g,h,i)perylene	26.345	276	1691	0.07	ng	#	75

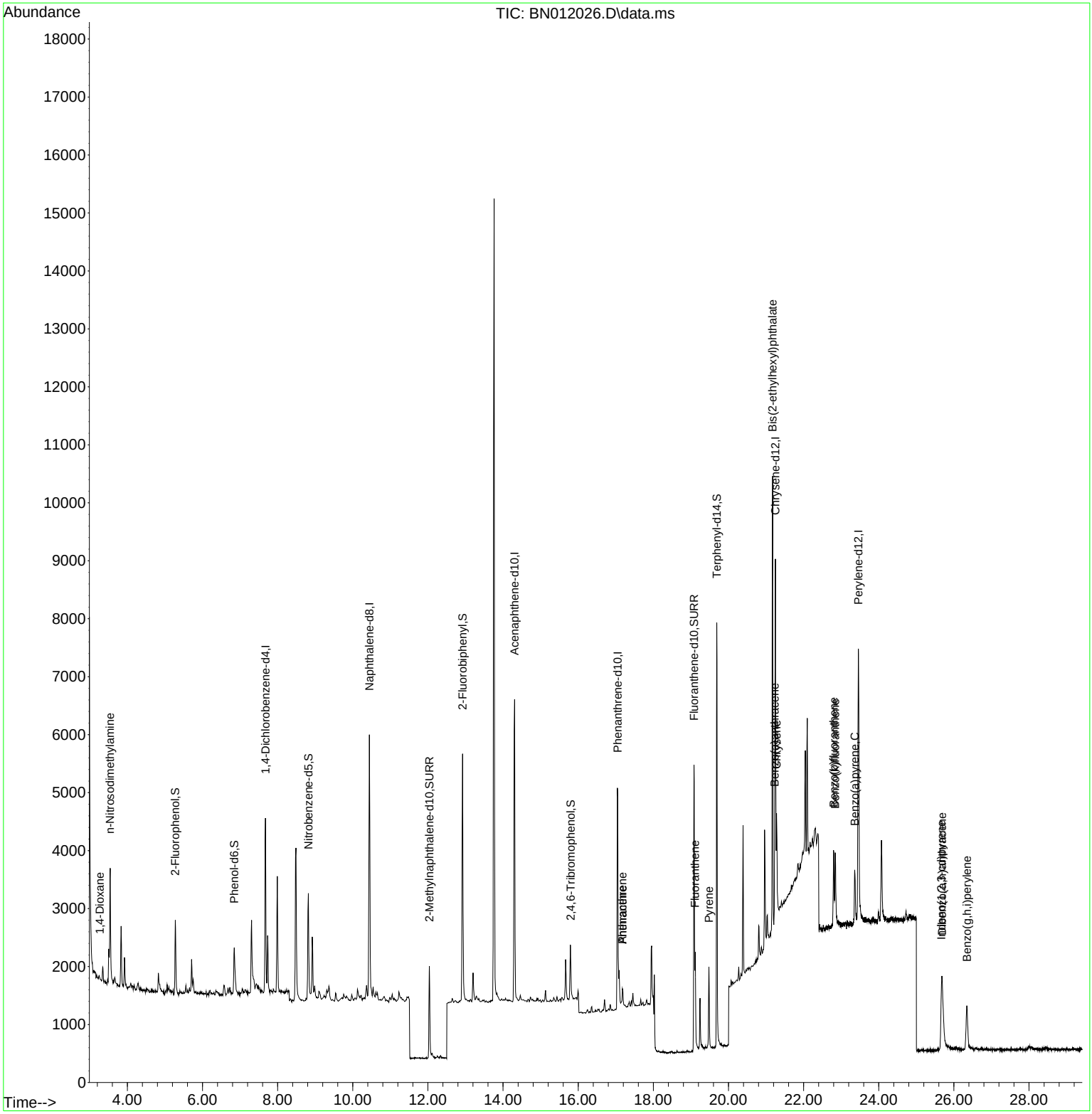
(#) = qualifier out of range (m) = manual integration (+) = signals summed

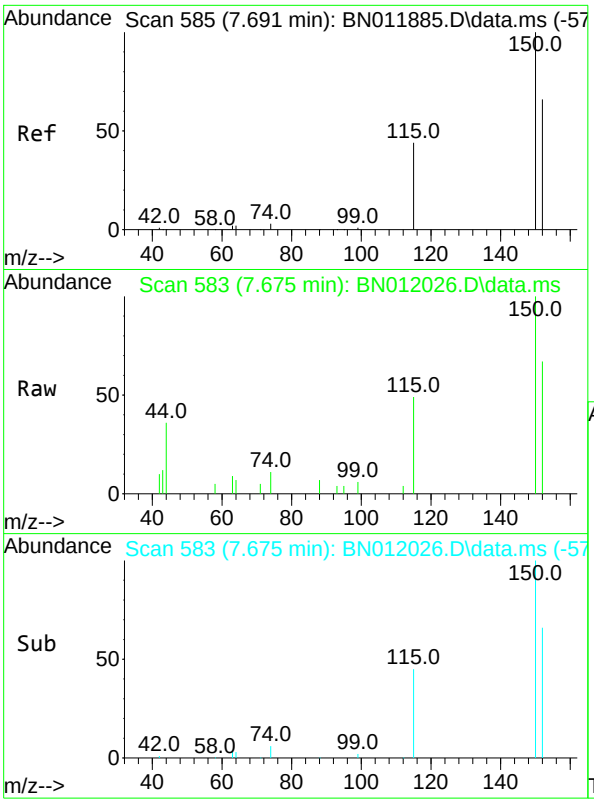
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092920\
Data File : BN012026.D
Acq On : 29 Sep 2020 18:37
Operator : CG/JU
Sample : PB131967BL
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB131967BL

Quant Time: Sep 29 19:10:34 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 29 10:58:58 2020
Response via : Initial Calibration

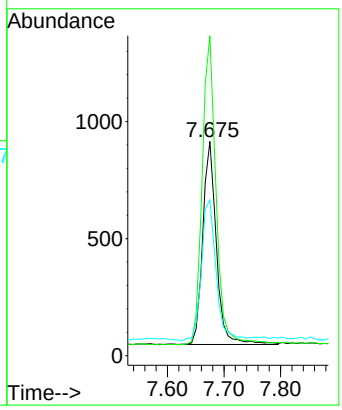




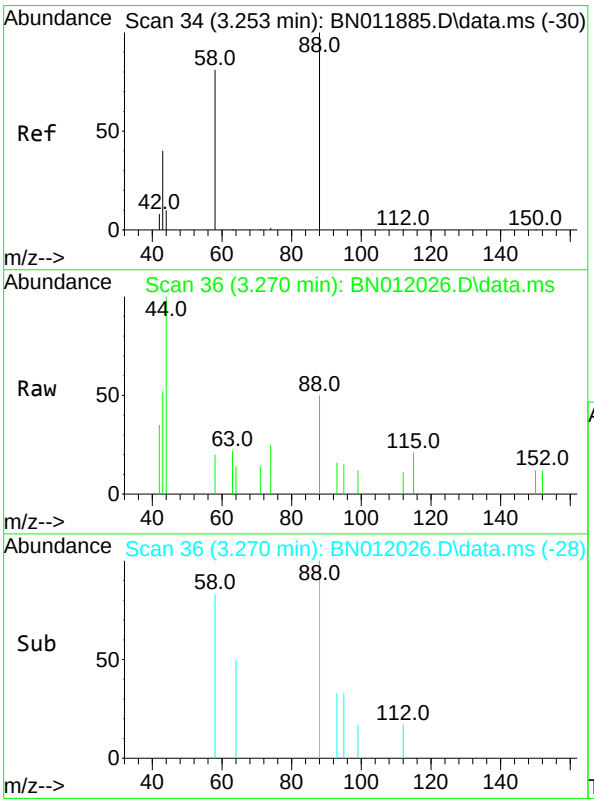
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.675 min Scan# 583
Delta R.T. -0.000 min
Lab File: BN012026.D
Acq: 29 Sep 2020 18:37

Tgt Ion:152 Resp: 1447

Ion	Ratio	Lower	Upper
152	100		
150	149.4	118.3	177.5
115	72.8	51.3	76.9



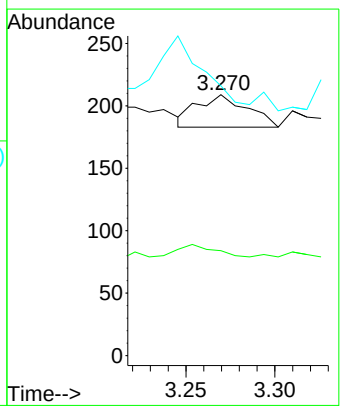
Instrument :
BNA_N
ClientSampleId :
PB131967BL



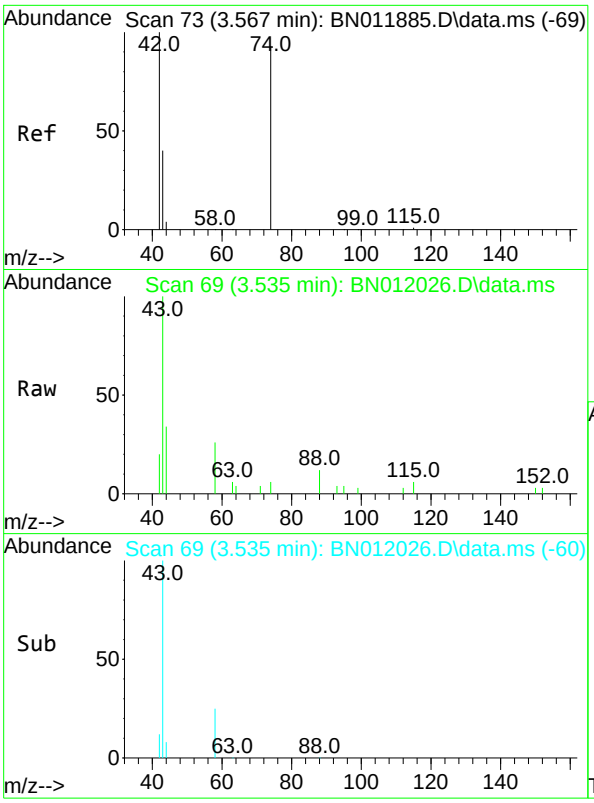
#2
1,4-Dioxane
Concen: 0.02 ng
RT: 3.270 min Scan# 36
Delta R.T. 0.016 min
Lab File: BN012026.D
Acq: 29 Sep 2020 18:37

Tgt Ion: 88 Resp: 51

Ion	Ratio	Lower	Upper
88	100		
58	0.0	63.3	94.9#
43	0.0	33.0	49.4#



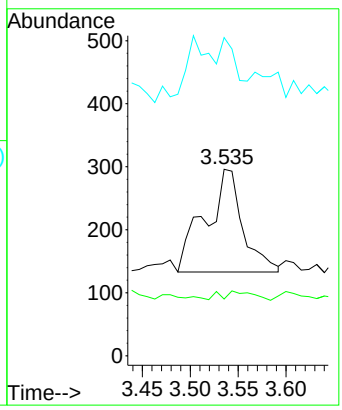
Instrument :
BNA_N
ClientSampleId :
PB131967BL

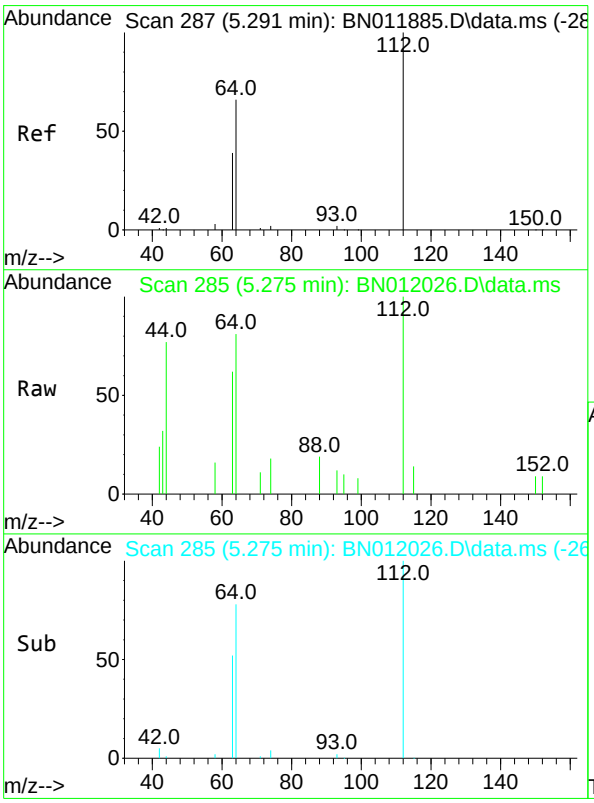


#3
n-Nitrosodimethylamine
Concen: 0.12 ng
RT: 3.535 min Scan# 69
Delta R.T. -0.024 min
Lab File: BN012026.D
Acq: 29 Sep 2020 18:37

Tgt Ion: 42 Resp: 442

Ion	Ratio	Lower	Upper
42	100		
74	7.5	64.4	96.6#
44	0.0	6.7	10.1#

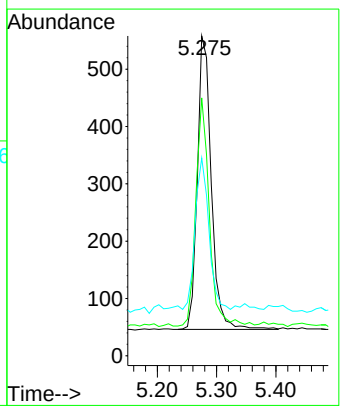




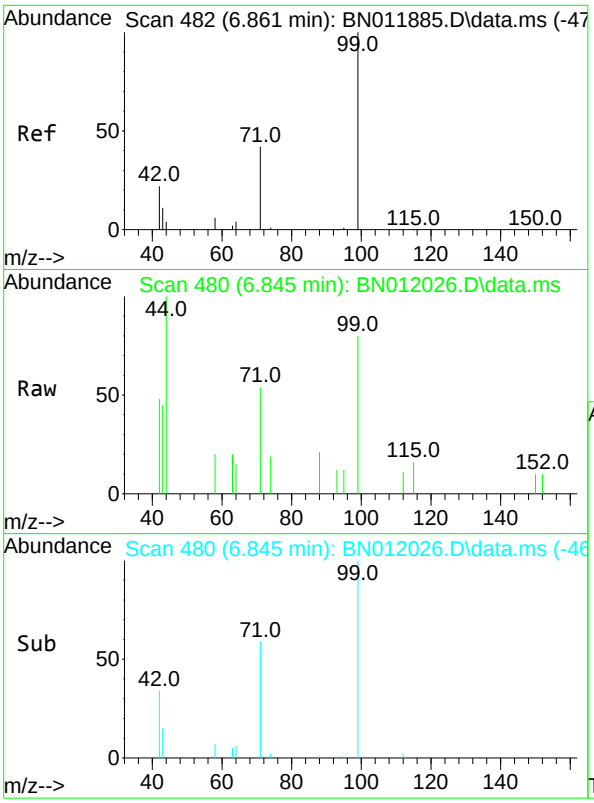
#4
2-Fluorophenol
Concen: 0.17 ng
RT: 5.275 min Scan# 285
Delta R.T. 0.000 min
Lab File: BN012026.D
Acq: 29 Sep 2020 18:37

Tgt Ion:112 Resp: 838

Ion	Ratio	Lower	Upper
112	100		
64	75.4	49.0	73.6#
63	53.8	31.8	47.6#



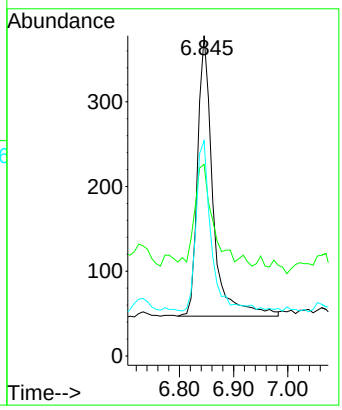
Instrument :
BNA_N
ClientSampleId :
PB131967BL

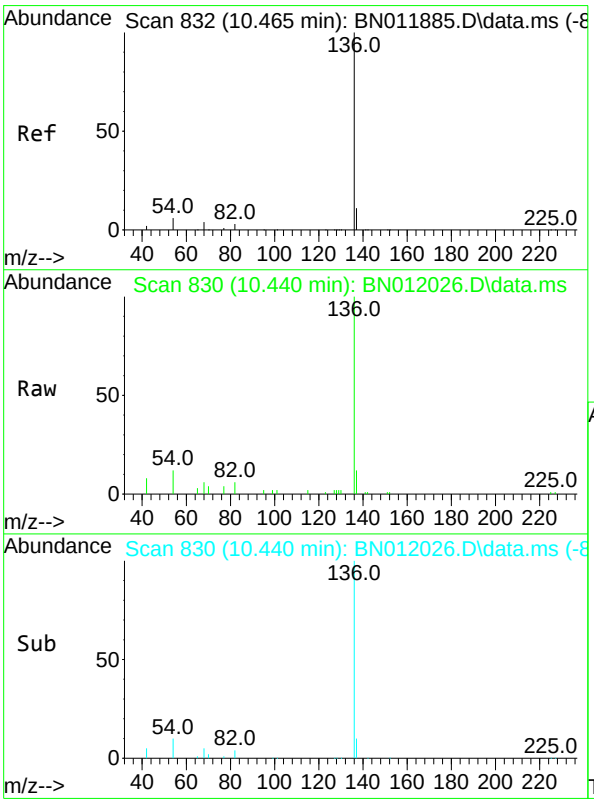


#5
Phenol-d6
Concen: 0.10 ng
RT: 6.845 min Scan# 480
Delta R.T. 0.000 min
Lab File: BN012026.D
Acq: 29 Sep 2020 18:37

Tgt Ion: 99 Resp: 651

Ion	Ratio	Lower	Upper
99	100		
42	49.6	23.4	35.0#
71	60.1	38.1	57.1#

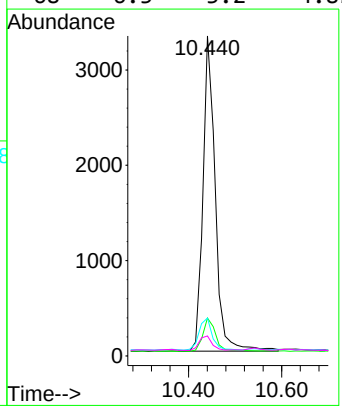




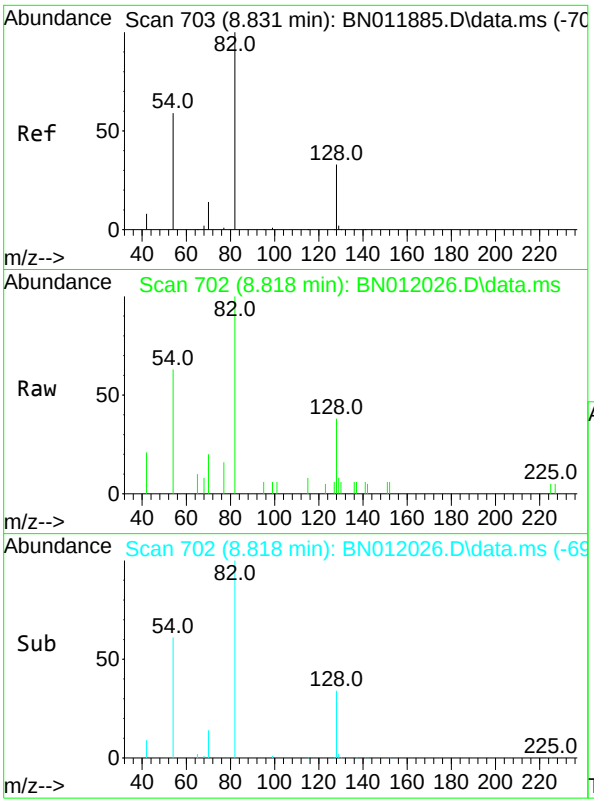
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.440 min Scan# 830
Delta R.T. 0.000 min
Lab File: BN012026.D
Acq: 29 Sep 2020 18:37

Tgt Ion:136 Resp: 6114

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.5	14.3
54	11.8	5.6	8.4#
68	6.3	3.2	4.8#



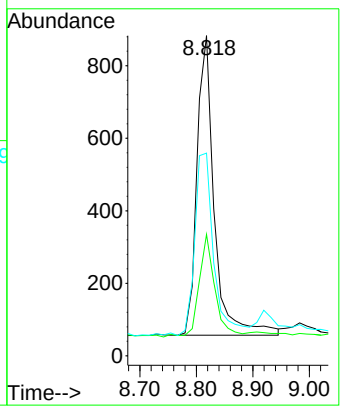
Instrument :
BNA_N
ClientSampleId :
PB131967BL

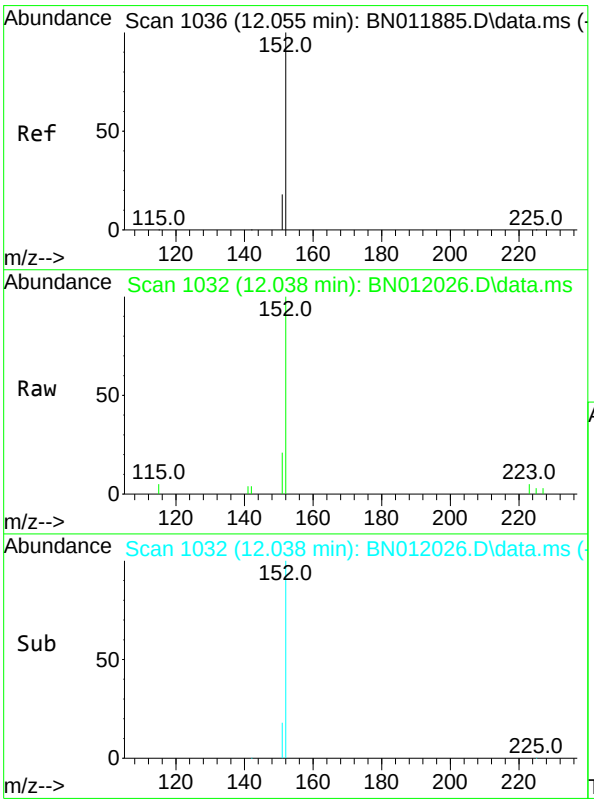


#8
Nitrobenzene-d5
Concen: 0.28 ng
RT: 8.818 min Scan# 702
Delta R.T. 0.000 min
Lab File: BN012026.D
Acq: 29 Sep 2020 18:37

Tgt Ion: 82 Resp: 1757

Ion	Ratio	Lower	Upper
82	100		
128	37.9	34.2	51.2
54	63.3	43.1	64.7

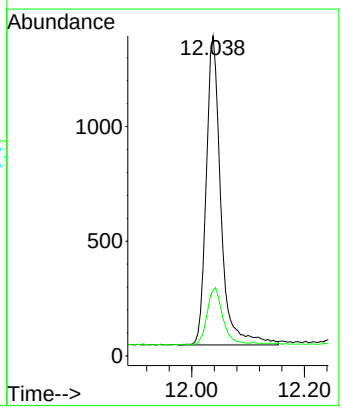




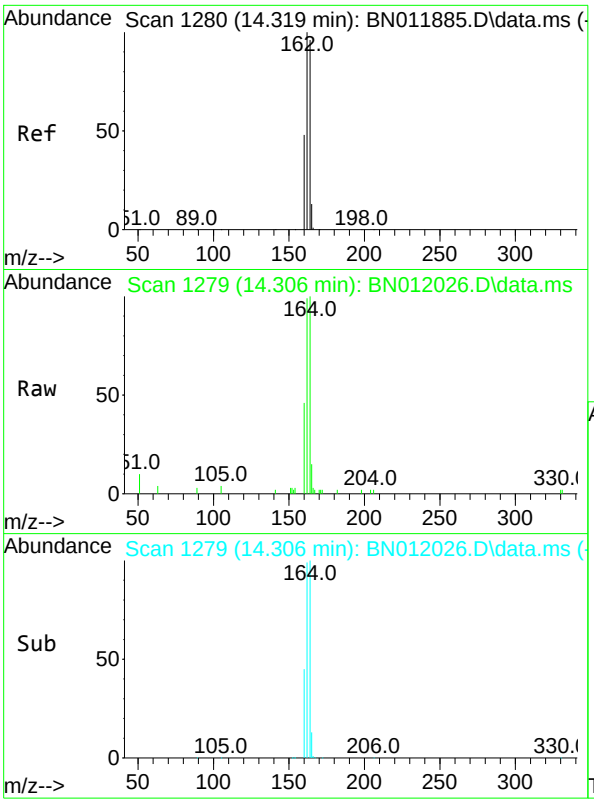
#11
2-Methylnaphthalene-d10
Concen: 0.25 ng
RT: 12.038 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BN012026.D
Acq: 29 Sep 2020 18:37

Tgt Ion:152 Resp: 2436

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.7	25.1



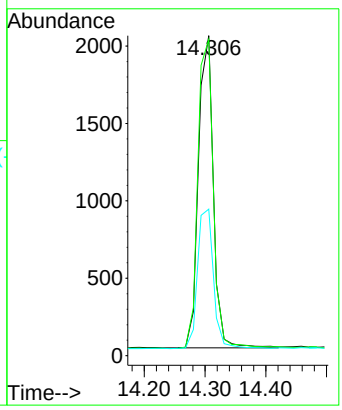
Instrument :
BNA_N
ClientSampleId :
PB131967BL

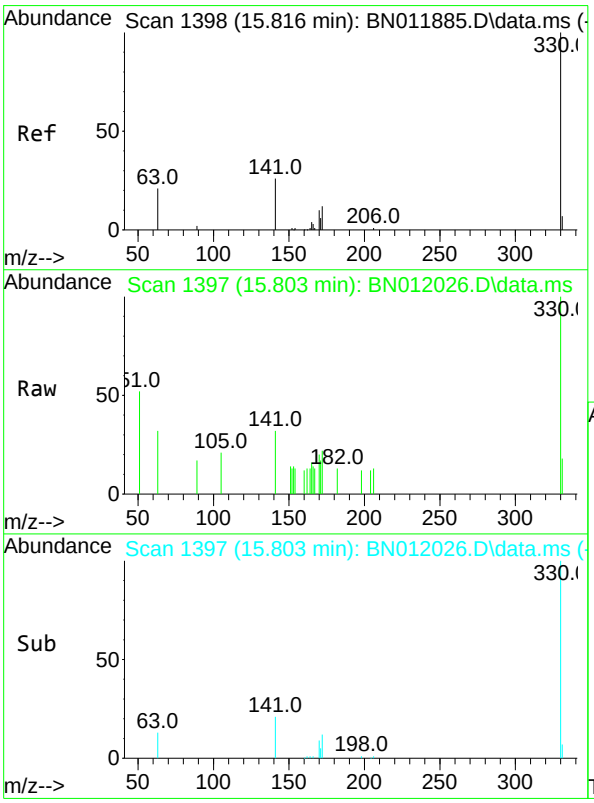


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.306 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BN012026.D
Acq: 29 Sep 2020 18:37

Tgt Ion:164 Resp: 3434

Ion	Ratio	Lower	Upper
164	100		
162	98.8	83.6	125.4
160	45.8	41.2	61.8

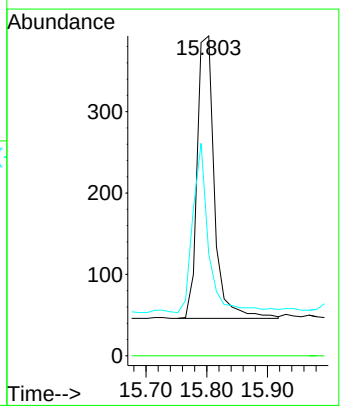




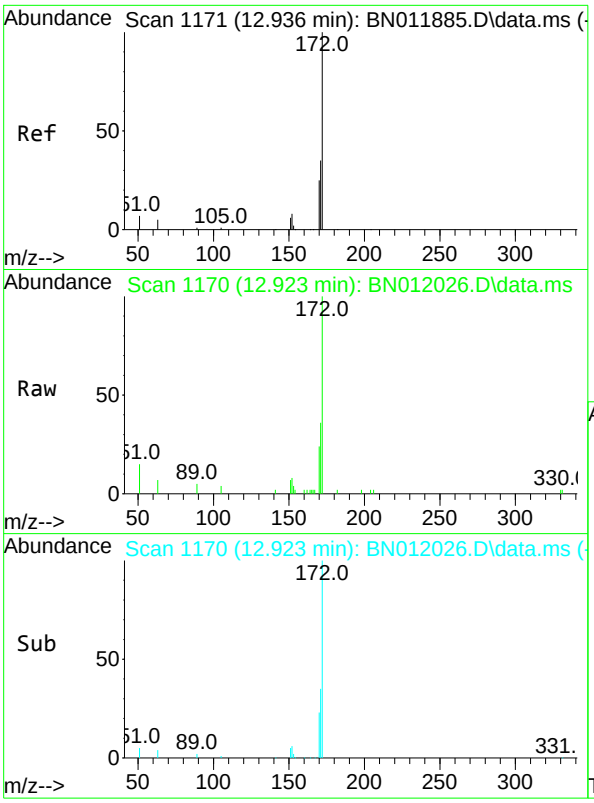
#14
2,4,6-Tribromophenol
Concen: 0.41 ng
RT: 15.803 min Scan# 1397
Delta R.T. 0.013 min
Lab File: BN012026.D
Acq: 29 Sep 2020 18:37

Tgt Ion:330 Resp: 684

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	53.9	33.7	50.5#



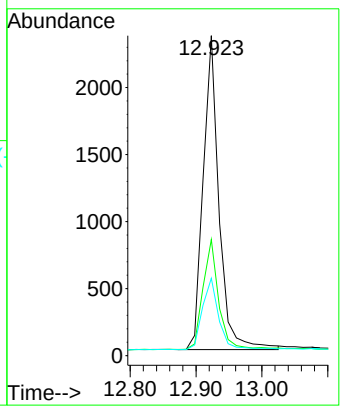
Instrument :
BNA_N
ClientSampleId :
PB131967BL

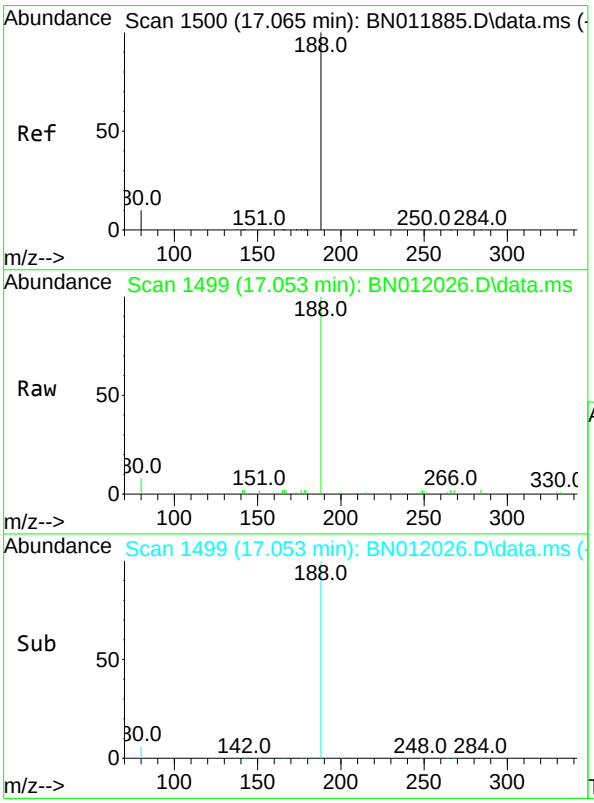


#15
2-Fluorobiphenyl
Concen: 0.30 ng
RT: 12.923 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BN012026.D
Acq: 29 Sep 2020 18:37

Tgt Ion:172 Resp: 3917

Ion	Ratio	Lower	Upper
172	100		
171	36.3	27.4	41.2
170	24.2	17.8	26.6

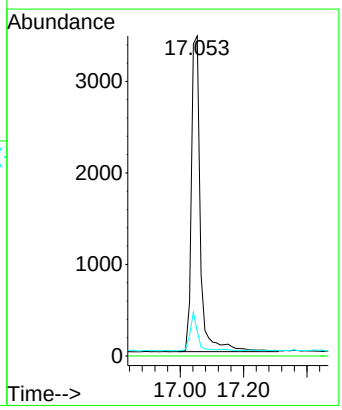




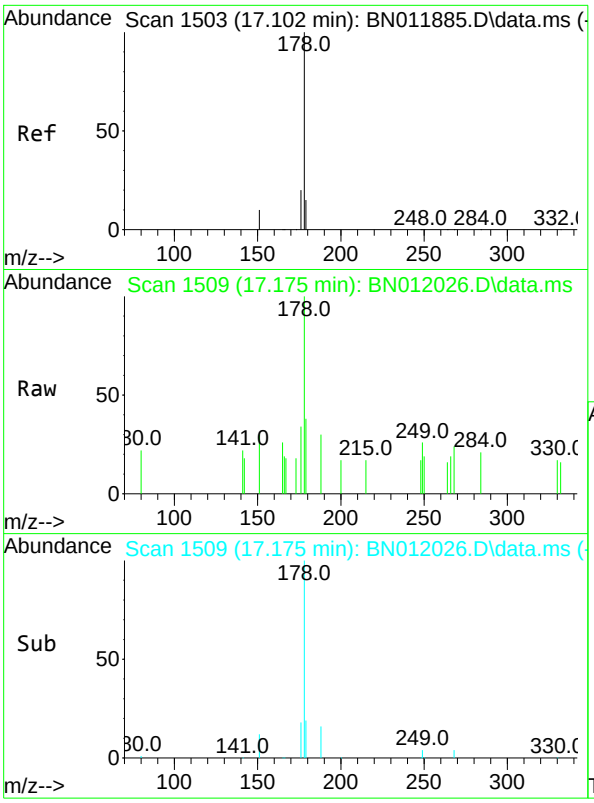
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.053 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BN012026.D
Acq: 29 Sep 2020 18:37

Tgt Ion:188 Resp: 6806

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



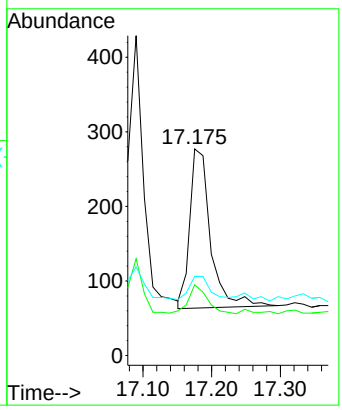
Instrument :
BNA_N
ClientSampleId :
PB131967BL

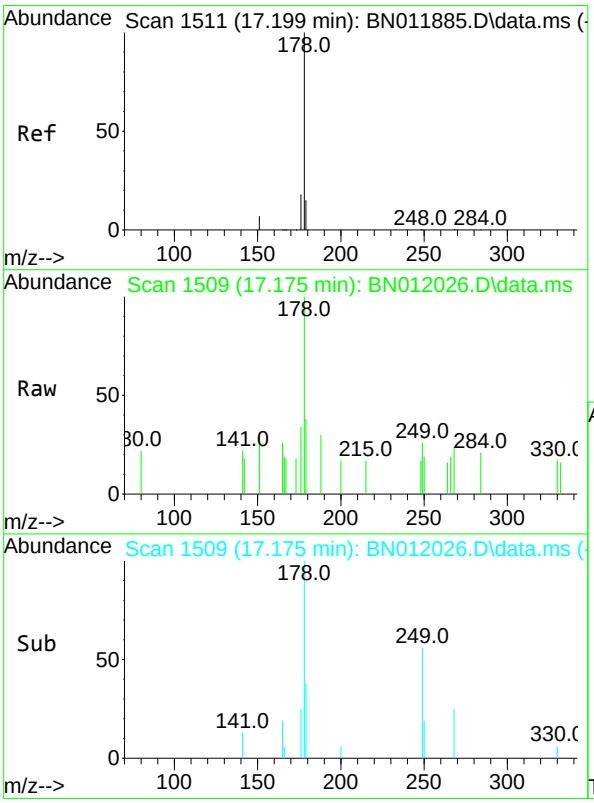


#25
Phenanthrene
Concen: 0.02 ng
RT: 17.175 min Scan# 1509
Delta R.T. 0.085 min
Lab File: BN012026.D
Acq: 29 Sep 2020 18:37

Tgt Ion:178 Resp: 449

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.1	22.7
179	14.3	12.3	18.5

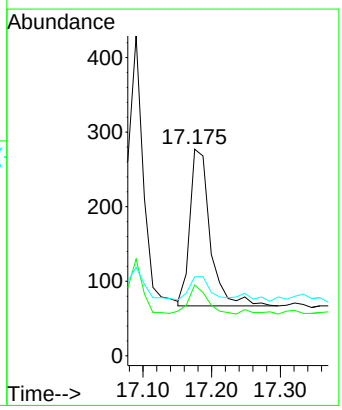




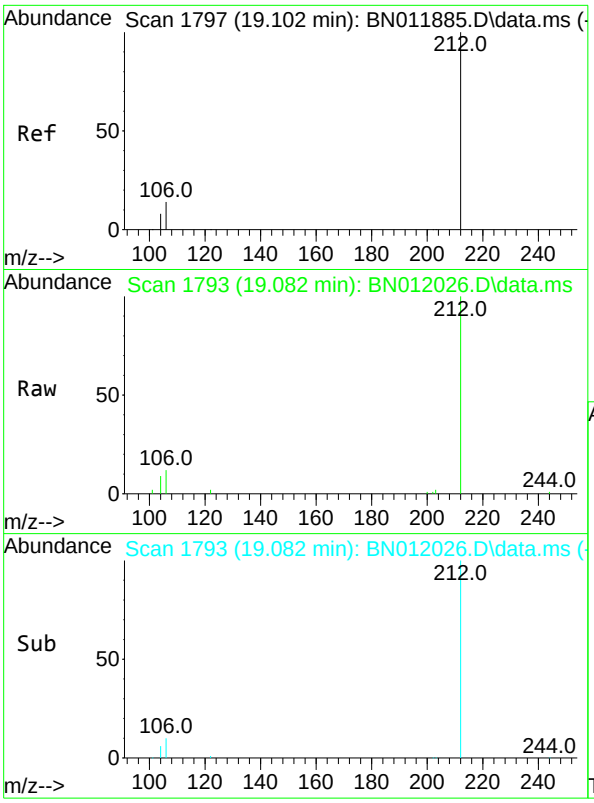
#26
Anthracene
Concen: 0.02 ng
RT: 17.175 min Scan# 1509
Delta R.T. 0.000 min
Lab File: BN012026.D
Acq: 29 Sep 2020 18:37

Tgt Ion:178 Resp: 432

Ion	Ratio	Lower	Upper
178	100		
176	17.1	14.6	21.8
179	15.3	12.4	18.6



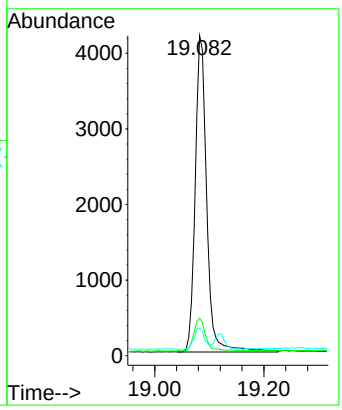
Instrument :
BNA_N
ClientSampleId :
PB131967BL

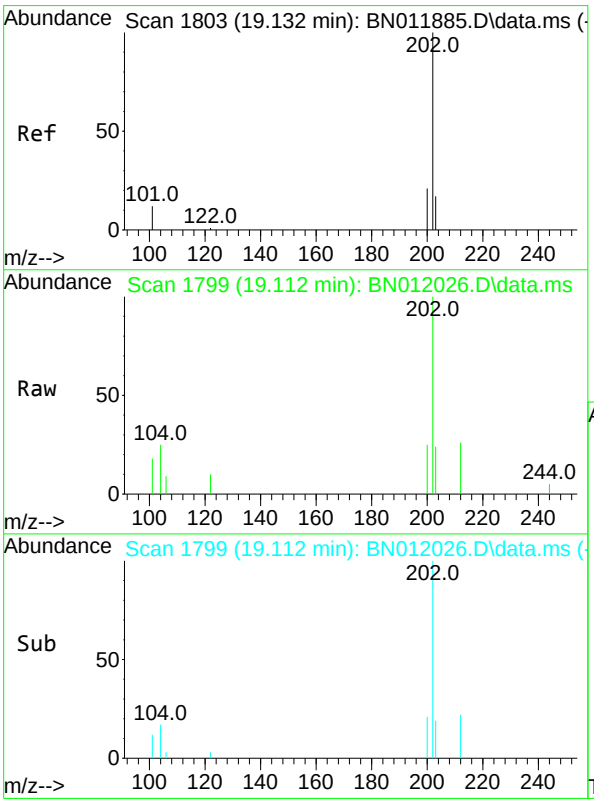


#27
Fluoranthene-d10
Concen: 0.31 ng
RT: 19.082 min Scan# 1793
Delta R.T. -0.005 min
Lab File: BN012026.D
Acq: 29 Sep 2020 18:37

Tgt Ion:212 Resp: 6123

Ion	Ratio	Lower	Upper
212	100		
106	10.5	6.4	9.6#
104	6.4	3.9	5.9#

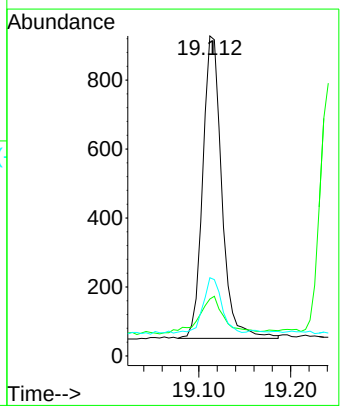




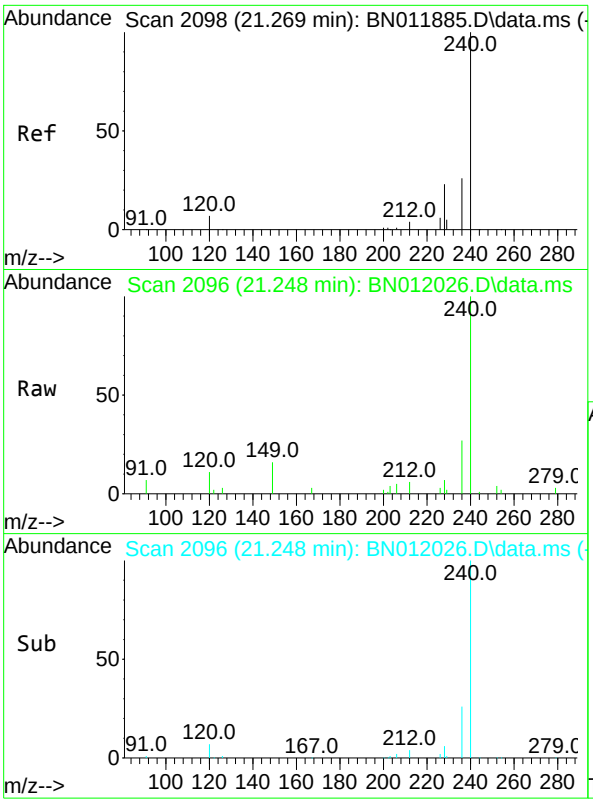
#28
Fluoranthene
Concen: 0.05 ng
RT: 19.112 min Scan# 1799
Delta R.T. -0.005 min
Lab File: BN012026.D
Acq: 29 Sep 2020 18:37

Tgt Ion:202 Resp: 1263

Ion	Ratio	Lower	Upper
202	100		
101	16.7	5.4	8.2#
203	18.3	13.8	20.6



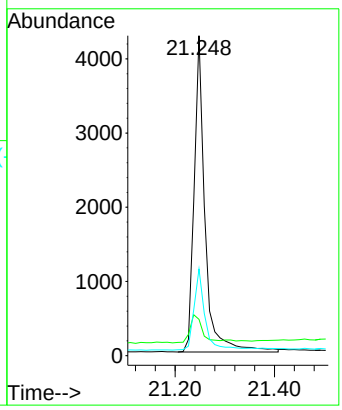
Instrument :
BNA_N
ClientSampleId :
PB131967BL

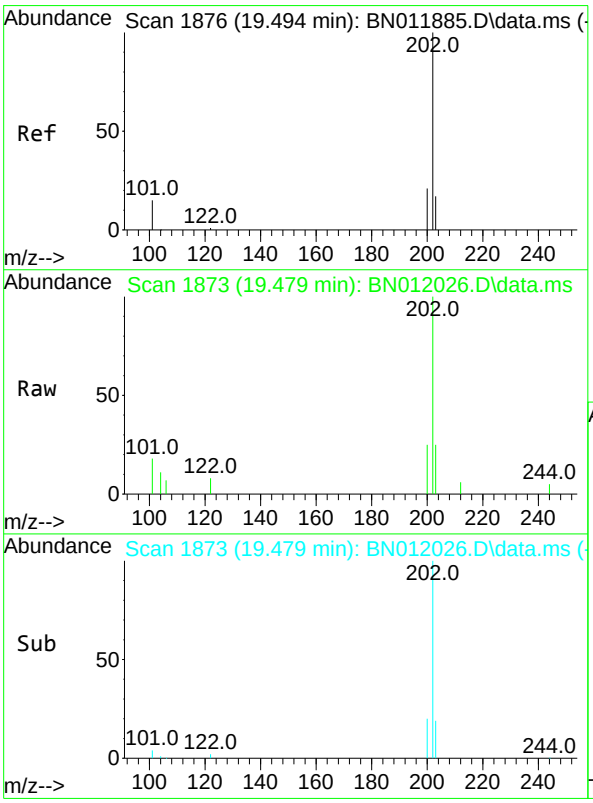


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.248 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BN012026.D
Acq: 29 Sep 2020 18:37

Tgt Ion:240 Resp: 6477

Ion	Ratio	Lower	Upper
240	100		
120	11.3	3.5	5.3#
236	27.1	20.5	30.7

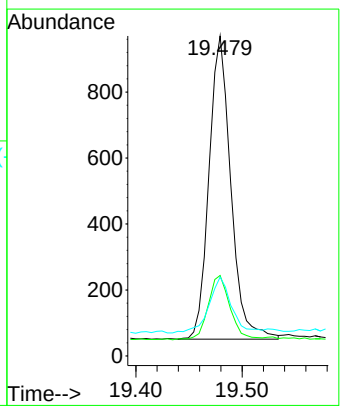




#30
Pyrene
Concen: 0.05 ng
RT: 19.479 min Scan# 1873
Delta R.T. 0.000 min
Lab File: BN012026.D
Acq: 29 Sep 2020 18:37

Tgt Ion:202 Resp: 1311

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.5	24.7
203	19.0	13.9	20.9



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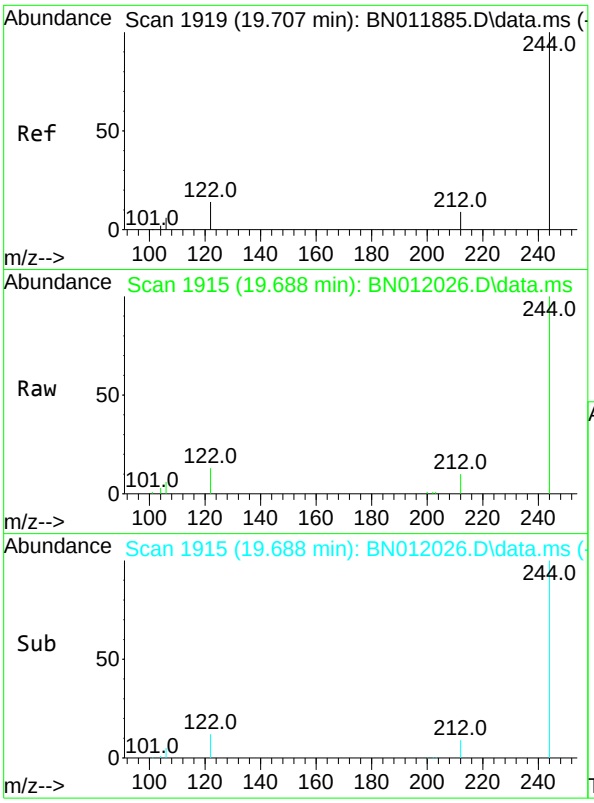
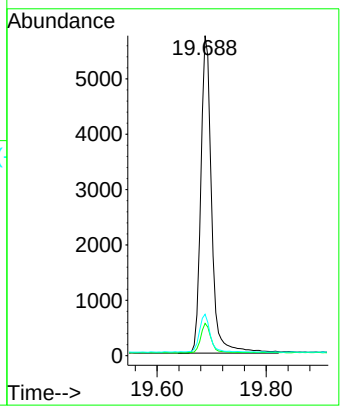
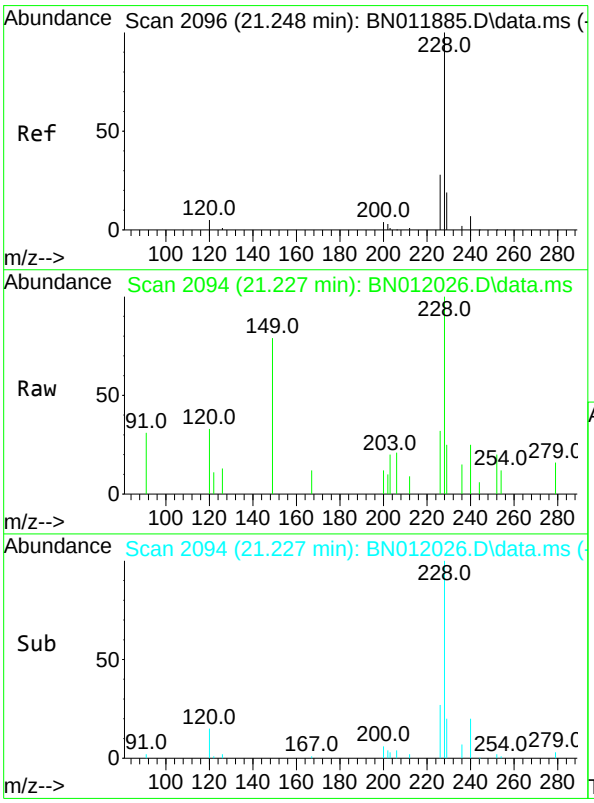


#31
Terphenyl-d14
Concen: 0.53 ng
RT: 19.688 min Scan# 1915
Delta R.T. -0.005 min
Lab File: BN012026.D
Acq: 29 Sep 2020 18:37

Tgt Ion:244 Resp: 7914

Ion	Ratio	Lower	Upper
244	100		
212	10.1	7.3	10.9
122	12.9	7.8	11.6#

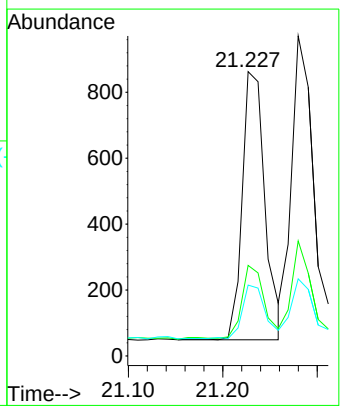




#32
Benzo(a)anthracene
Concen: 0.07 ng
RT: 21.227 min Scan# 2094
Delta R.T. -0.010 min
Lab File: BN012026.D
Acq: 29 Sep 2020 18:37

Tgt Ion:228 Resp: 1366

Ion	Ratio	Lower	Upper
228	100		
226	31.9	21.0	31.4#
229	24.9	16.0	24.0#



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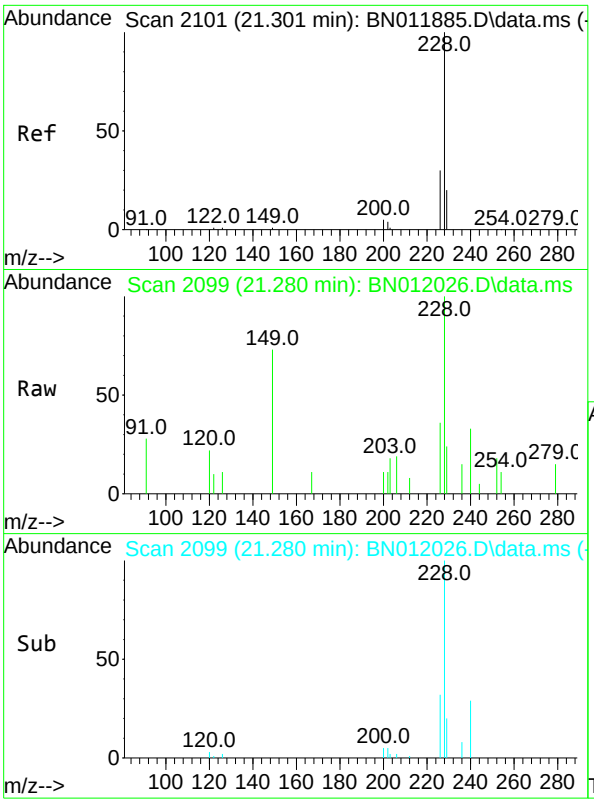
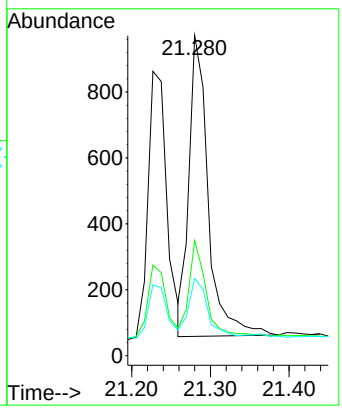
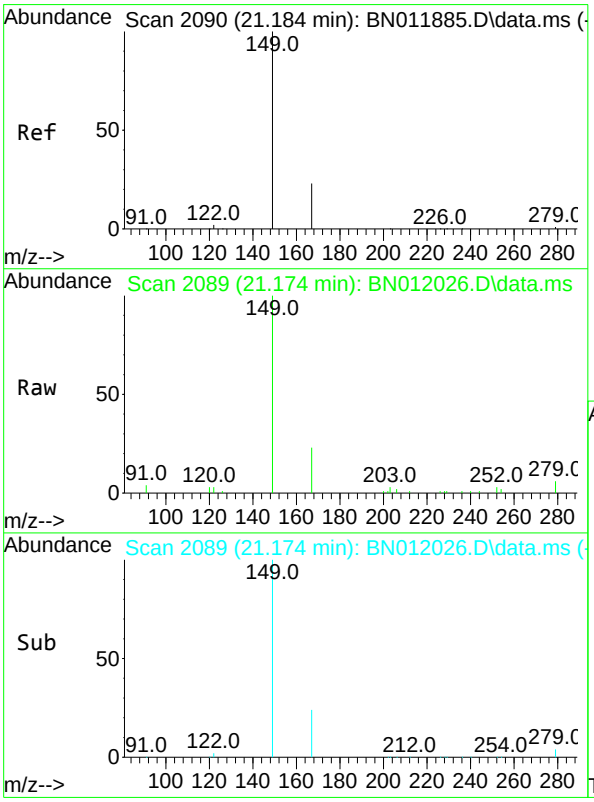


#33
Chrysene
Concen: 0.07 ng
RT: 21.280 min Scan# 2099
Delta R.T. 0.000 min
Lab File: BN012026.D
Acq: 29 Sep 2020 18:37

Tgt Ion:228 Resp: 1551

Ion	Ratio	Lower	Upper
228	100		
226	35.9	23.3	34.9#
229	24.1	15.8	23.8#

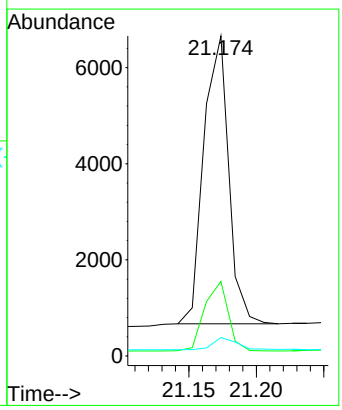




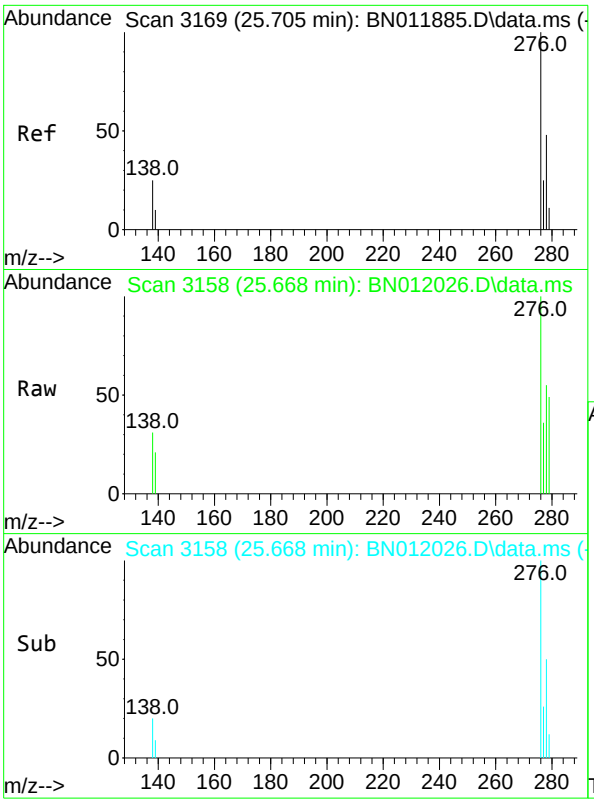
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.52 ng
RT: 21.174 min Scan# 2089
Delta R.T. 0.000 min
Lab File: BN012026.D
Acq: 29 Sep 2020 18:37

Tgt Ion:149 Resp: 7692

Ion	Ratio	Lower	Upper
149	100		
167	22.8	23.6	35.4#
279	4.0	4.0	6.0#



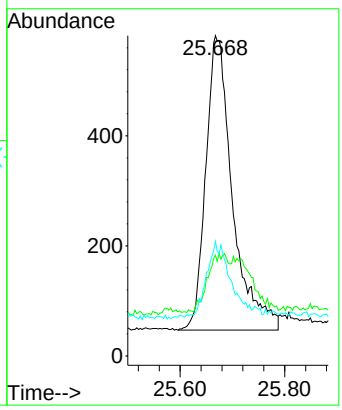
Instrument :
BNA_N
ClientSampleId :
PB131967BL

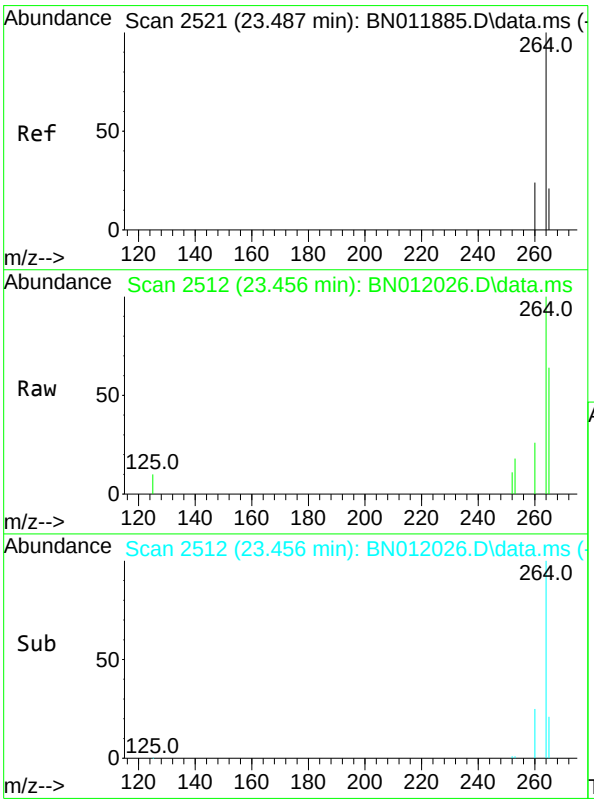


#35
Indeno(1,2,3-cd)pyrene
Concen: 0.07 ng
RT: 25.668 min Scan# 3158
Delta R.T. 0.000 min
Lab File: BN012026.D
Acq: 29 Sep 2020 18:37

Tgt Ion:276 Resp: 1896

Ion	Ratio	Lower	Upper
276	100		
138	7.6	13.0	19.4#
277	11.7	20.0	30.0#

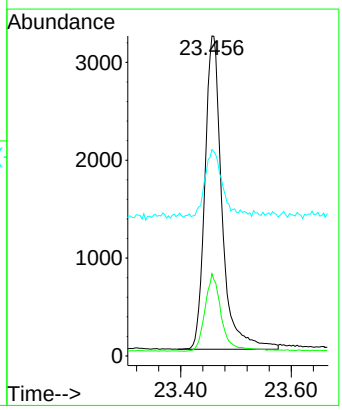




#36
Perylene-d12
Concen: 0.40 ng
RT: 23.456 min Scan# 2512
Delta R.T. -0.003 min
Lab File: BN012026.D
Acq: 29 Sep 2020 18:37

Tgt Ion:264 Resp: 6882

Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.6	29.4
265	64.5	38.6	58.0#



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BNA_N
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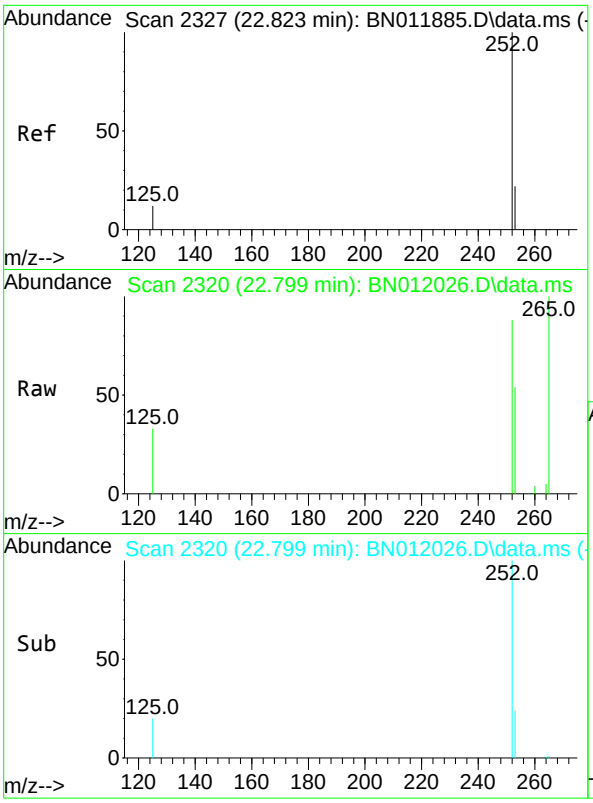
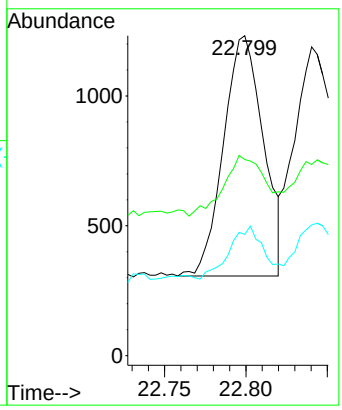
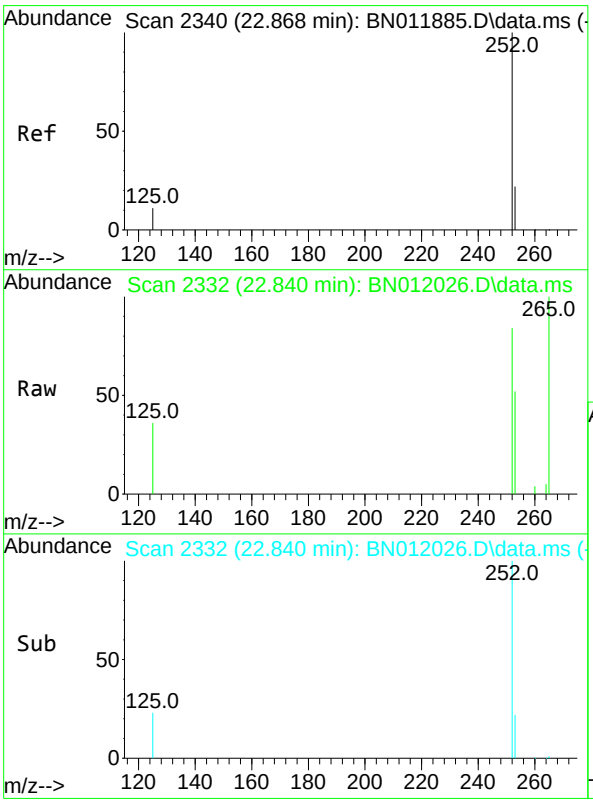


#37
Benzo(b)fluoranthene
Concen: 0.07 ng
RT: 22.799 min Scan# 2320
Delta R.T. 0.000 min
Lab File: BN012026.D
Acq: 29 Sep 2020 18:37

Tgt Ion:252 Resp: 1579

Ion	Ratio	Lower	Upper
252	100		
253	61.3	19.1	28.7#
125	37.9	6.2	9.2#

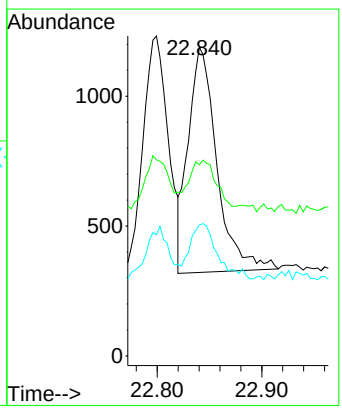




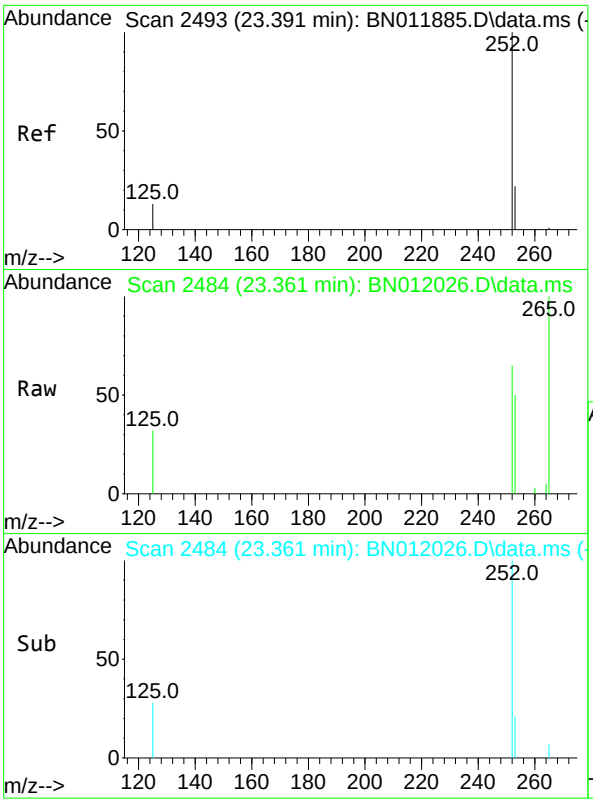
#38
Benzo(k)fluoranthene
Concen: 0.06 ng
RT: 22.840 min Scan# 2332
Delta R.T. 0.000 min
Lab File: BN012026.D
Acq: 29 Sep 2020 18:37

Tgt Ion:252 Resp: 1655

Ion	Ratio	Lower	Upper
252	100		
253	61.9	19.3	28.9#
125	42.3	6.0	9.0#



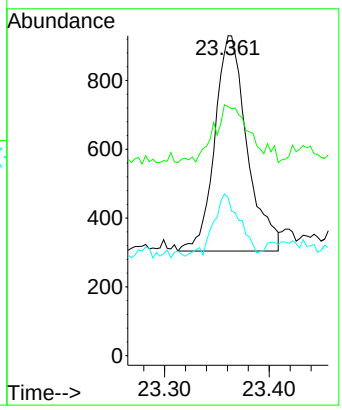
Instrument :
BNA_N
ClientSampleId :
PB131967BL

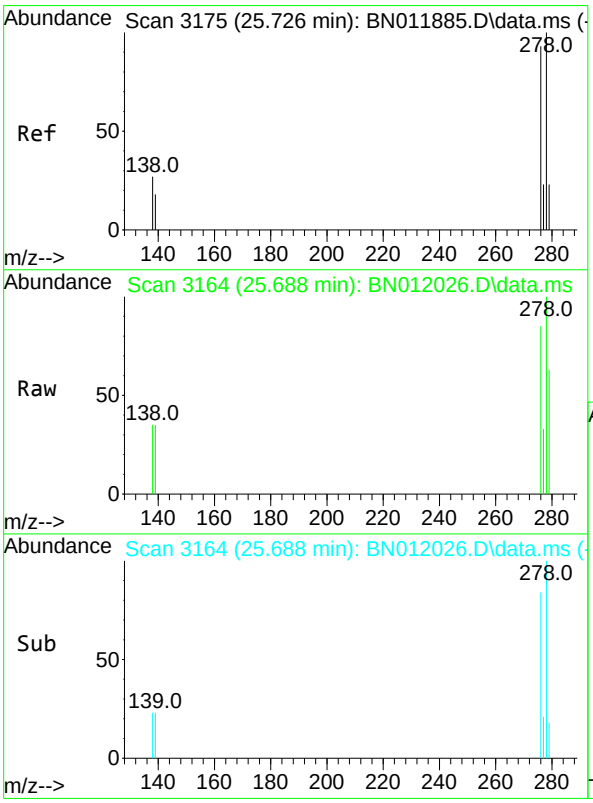


#39
Benzo(a)pyrene
Concen: 0.06 ng
RT: 23.361 min Scan# 2484
Delta R.T. -0.003 min
Lab File: BN012026.D
Acq: 29 Sep 2020 18:37

Tgt Ion:252 Resp: 1345

Ion	Ratio	Lower	Upper
252	100		
253	77.8	19.8	29.6#
125	49.4	7.3	10.9#

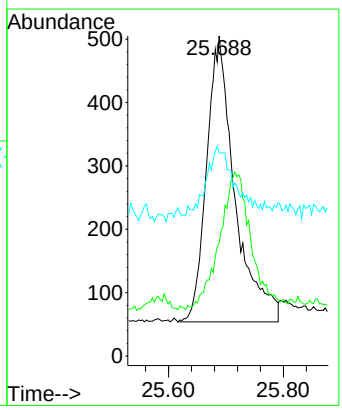


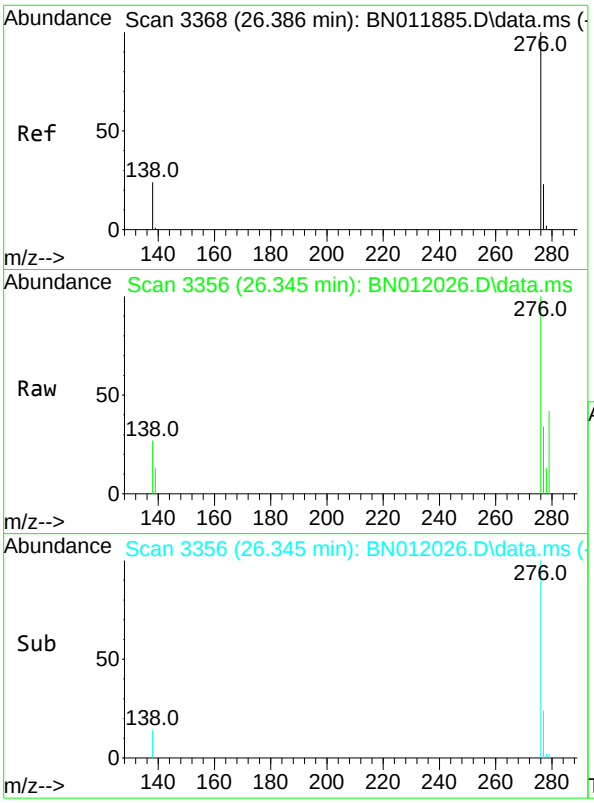


#40
Dibenzo(a,h)anthracene
Concen: 0.07 ng
RT: 25.688 min Scan# 3164
Delta R.T. 0.004 min
Lab File: BN012026.D
Acq: 29 Sep 2020 18:37

Tgt Ion:278 Resp: 1538

Ion	Ratio	Lower	Upper
278	100		
139	35.2	8.6	13.0#
279	63.4	19.8	29.8#

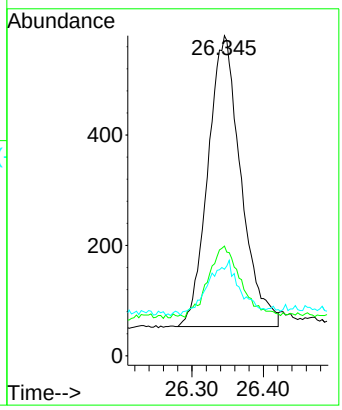




#41
Benzo(g,h,i)perylene
Concen: 0.07 ng
RT: 26.345 min Scan# 3356
Delta R.T. 0.000 min
Lab File: BN012026.D
Acq: 29 Sep 2020 18:37

Tgt Ion:276 Resp: 1691

Ion	Ratio	Lower	Upper
276	100		
277	34.3	19.4	29.0#
138	27.1	11.3	16.9#



Instrument :
BNA_N
ClientSampleId :
PB131967BL