Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102720\
Data File : BN012405.D
Acq On : 27 Oct 2020 10:57
Operator : CG/JU
Sample : PB132530BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB132530BL

Quant Time: Oct 27 11:38:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN102620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 27 11:36:24 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.586	152	782	0.40	ng	# 0.00
7) Naphthalene-d8	10.364	136	2972	0.40	ng	# 0.01
13) Acenaphthene-d10	14.230	164	1835	0.40	ng	0.01
19) Phenanthrene-d10	16.980	188	3894	0.40	ng	# 0.01
29) Chrysene-d12	21.184	240	4087	0.40	ng	# 0.01
36) Perylene-d12	23.354	264	4951	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.194	112	990	0.36	ng	0.00
5) Phenol-d6	6.765	99	987	0.31	ng	0.00
8) Nitrobenzene-d5	8.754	82	1167	0.36	ng	0.03
11) 2-Methylnaphthalene-d10	11.971	152	1642	0.34	ng	0.02
14) 2,4,6-Tribromophenol	15.740	330	407	0.31	ng	0.01
15) 2-Fluorobiphenyl	12.860	172	2441	0.36	ng	0.01
27) Fluoranthene-d10	19.017	212	4137	0.34	ng	0.00
31) Terphenyl-d14	19.623	244	4611	0.48	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.229	88	38	0.03	ng	# 20
3) n-Nitrosodimethylamine	3.487	42	5	0.00	ng	# 1
6) bis(2-Chloroethyl)ether	7.038	93	3	0.00	ng	# 1
9) Naphthalene	10.389	128	4	0.00	ng	# 1
10) Hexachlorobutadiene	10.681	225	2	0.00	ng	# 18
12) 2-Methylnaphthalene	12.042	142	2	0.00	ng	# 53
16) Acenaphthylene	13.963	152	7	0.00	ng	# 1
17) Acenaphthene	14.369	154	2	0.00	ng	# 7
18) Fluorene	15.270	166	5	0.00	ng	# 9
20) 4,6-Dinitro-2-methylph...	15.245	198	1	0.00	ng	# 1
22) Hexachlorobenzene	16.311	284	2	0.00	ng	# 1
23) Atrazine	16.019	200	166	0.07	ng	# 6
24) Pentachlorophenol	16.700	266	7	0.01	ng	# 18
25) Phenanthrene	17.053	178	24	0.00	ng	# 61
26) Anthracene	17.138	178	8	0.00	ng	# 61
28) Fluoranthene	19.047	202	11	0.00	ng	# 97
30) Pyrene	19.419	202	16	0.00	ng	# 80
32) Benzo(a)anthracene	21.173	228	30	0.00	ng	# 1
33) Chrysene	21.173	228	23	0.00	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.099	149	127	0.02	ng	# 89
35) Indeno(1,2,3-cd)pyrene	25.524	276	2	0.00	ng	# 1
37) Benzo(b)fluoranthene	22.710	252	38	0.00	ng	# 1
38) Benzo(k)fluoranthene	22.765	252	10	0.00	ng	# 1
39) Benzo(a)pyrene	23.254	252	8	0.00	ng	# 1
40) Dibenzo(a,h)anthracene	25.541	278	3	0.00	ng	# 1
41) Benzo(g,h,i)perylene	26.164	276	3	0.00	ng	# 1

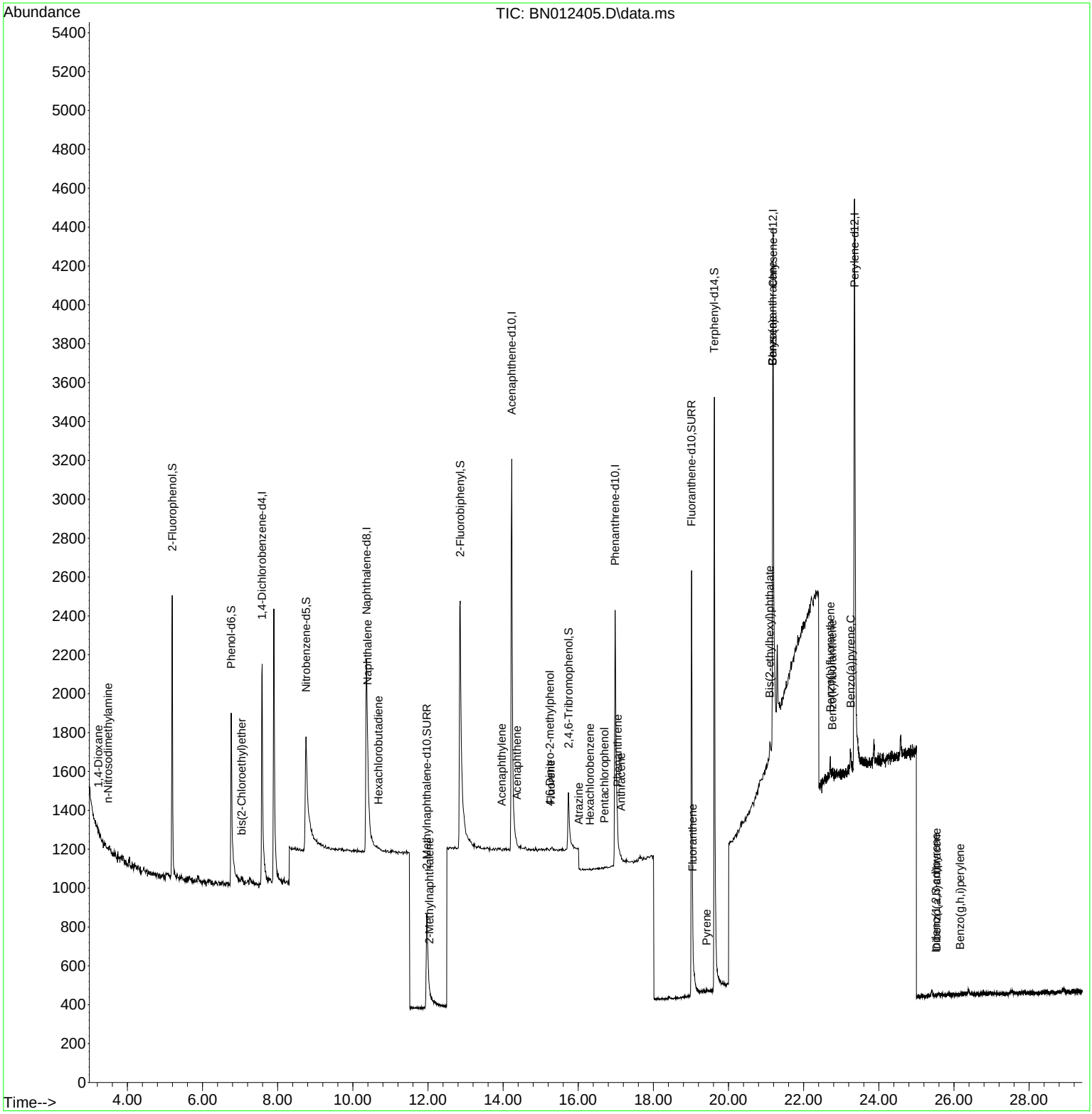
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

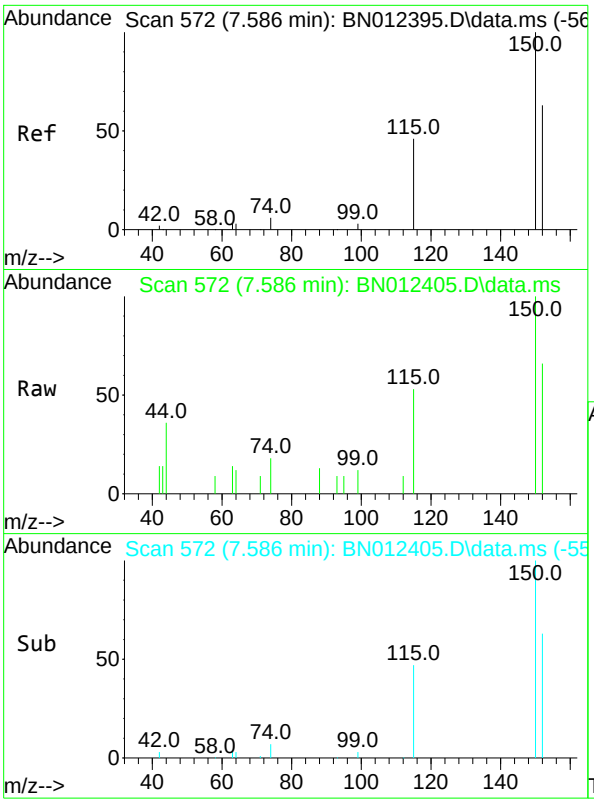
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102720\
Data File : BN012405.D
Acq On : 27 Oct 2020 10:57
Operator : CG/JU
Sample : PB132530BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB132530BL

Quant Time: Oct 27 11:38:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN102620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 27 11:36:24 2020
Response via : Initial Calibration



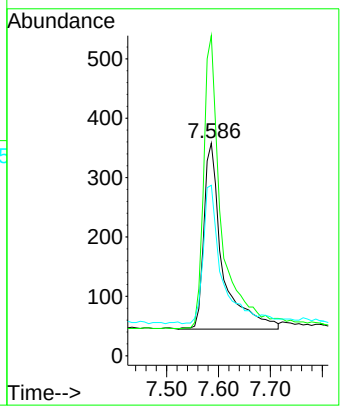
Instrument :
BNA_N
ClientSampleId :
PB132530BL

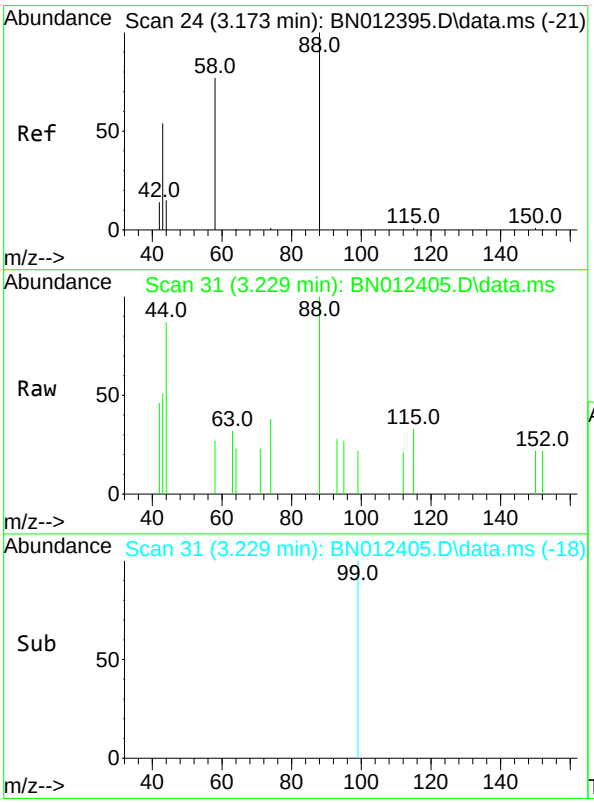


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.586 min Scan# 572
Delta R.T. 0.008 min
Lab File: BN012405.D
Acq: 27 Oct 2020 10:57

Tgt Ion:152 Resp: 782

Ion	Ratio	Lower	Upper
152	100		
150	150.6	116.6	174.8
115	80.2	52.9	79.3#

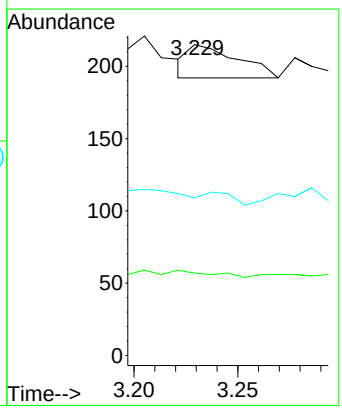




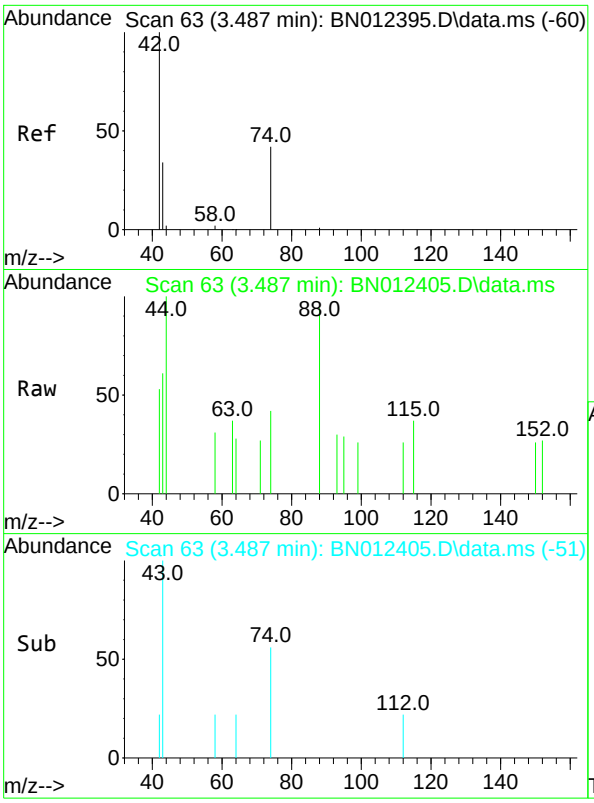
#2
1,4-Dioxane
Concen: 0.03 ng
RT: 3.229 min Scan# 31
Delta R.T. 0.056 min
Lab File: BN012405.D
Acq: 27 Oct 2020 10:57

Tgt Ion: 88 Resp: 38

Ion	Ratio	Lower	Upper
88	100		
58	0.0	59.4	89.2#
43	0.0	32.3	48.5#



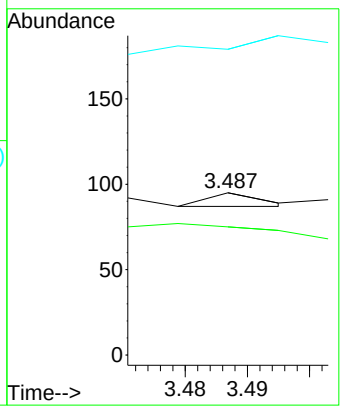
Instrument :
BNA_N
ClientSampleId :
PB132530BL

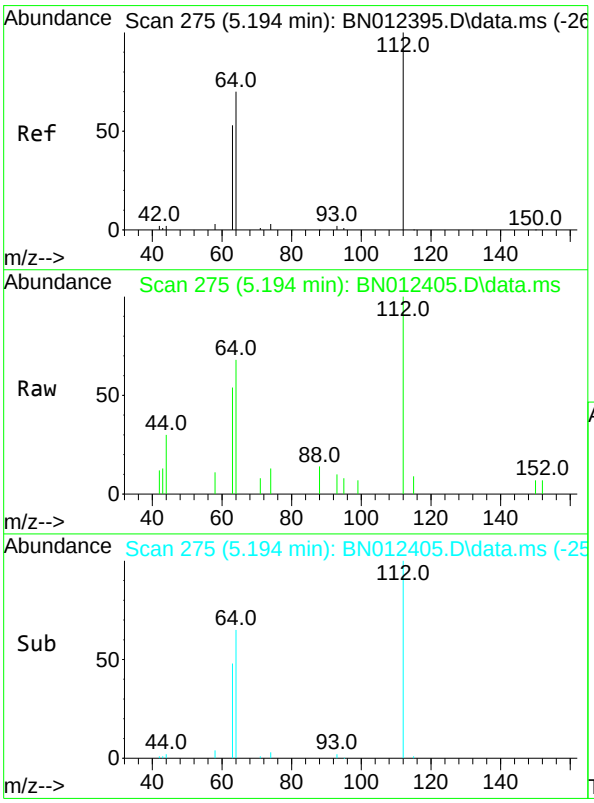


#3
n-Nitrosodimethylamine
Concen: 0.00 ng
RT: 3.487 min Scan# 63
Delta R.T. -0.000 min
Lab File: BN012405.D
Acq: 27 Oct 2020 10:57

Tgt Ion: 42 Resp: 5

Ion	Ratio	Lower	Upper
42	100		
74	280.0	64.4	96.6#
44	0.0	2.8	4.2#

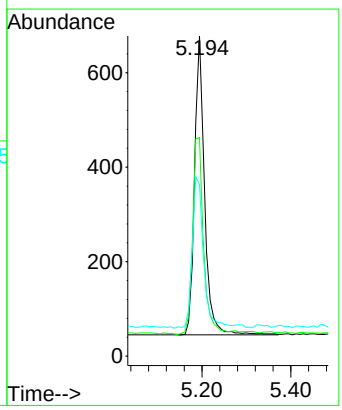




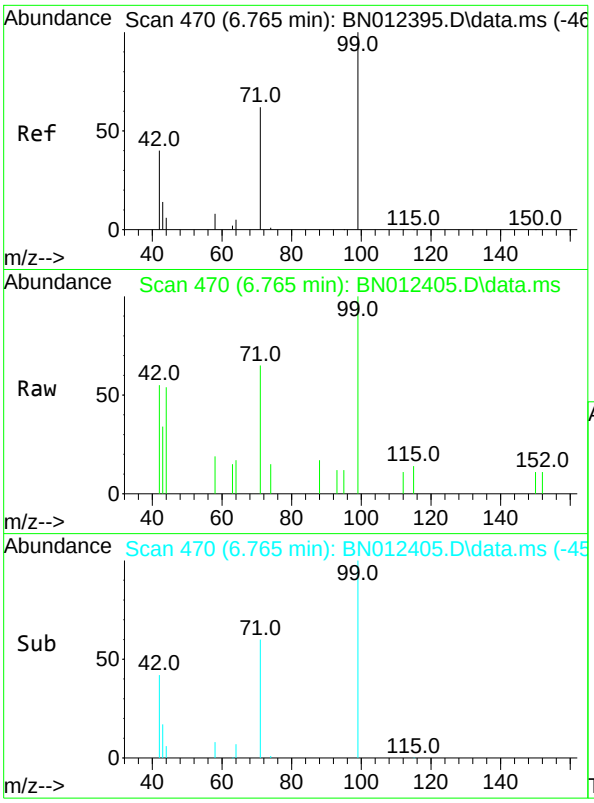
#4
2-Fluorophenol
Concen: 0.36 ng
RT: 5.194 min Scan# 275
Delta R.T. -0.000 min
Lab File: BN012405.D
Acq: 27 Oct 2020 10:57

Tgt Ion:112 Resp: 990

Ion	Ratio	Lower	Upper
112	100		
64	71.6	49.5	74.3
63	56.9	32.0	48.0#



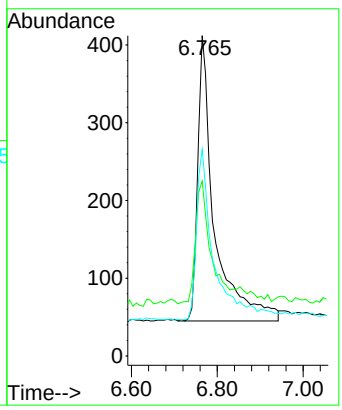
Instrument :
BNA_N
ClientSampleId :
PB132530BL

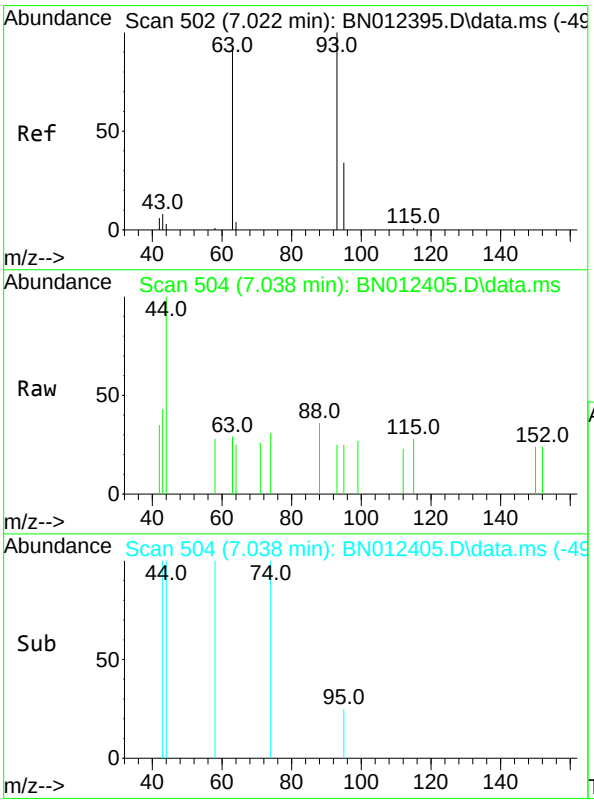


#5
Phenol-d6
Concen: 0.31 ng
RT: 6.765 min Scan# 470
Delta R.T. -0.000 min
Lab File: BN012405.D
Acq: 27 Oct 2020 10:57

Tgt Ion: 99 Resp: 987

Ion	Ratio	Lower	Upper
99	100		
42	40.1	22.4	33.6#
71	63.8	37.8	56.6#

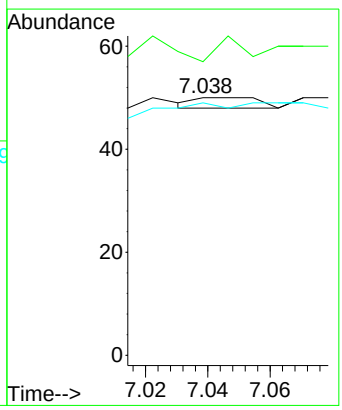




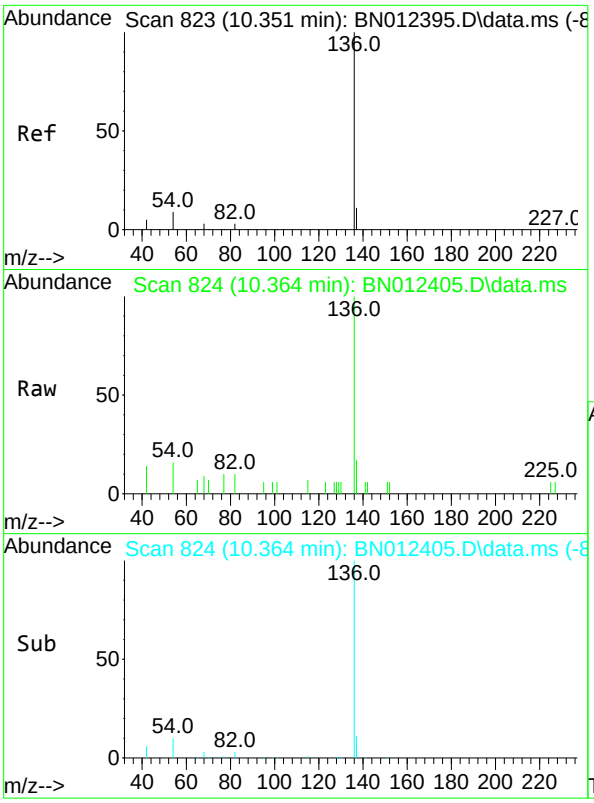
#6
bis(2-Chloroethyl)ether
Concen: 0.00 ng
RT: 7.038 min Scan# 504
Delta R.T. 0.016 min
Lab File: BN012405.D
Acq: 27 Oct 2020 10:57

Tgt Ion: 93 Resp: 3

Ion	Ratio	Lower	Upper
93	100		
63	100.0	63.1	94.7#
95	200.0	26.1	39.1#



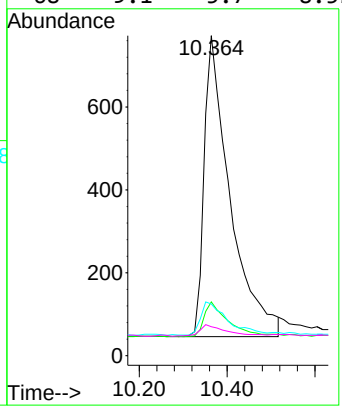
Instrument :
BNA_N
ClientSampleId :
PB132530BL

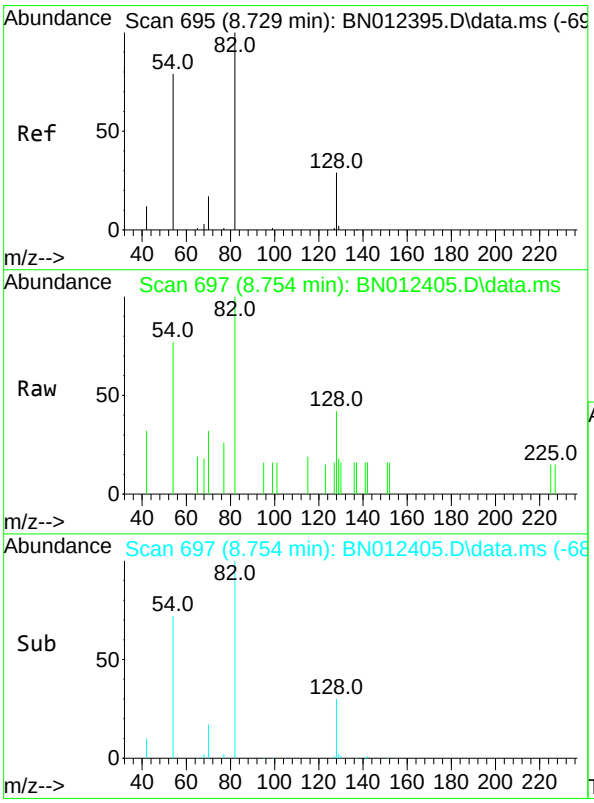


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.364 min Scan# 824
Delta R.T. 0.012 min
Lab File: BN012405.D
Acq: 27 Oct 2020 10:57

Tgt Ion:136 Resp: 2972

Ion	Ratio	Lower	Upper
136	100		
137	16.8	10.6	15.8#
54	16.2	8.6	12.8#
68	9.1	5.7	8.5#

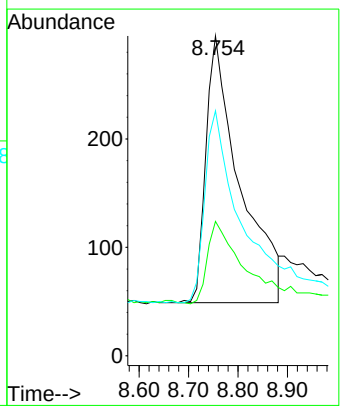


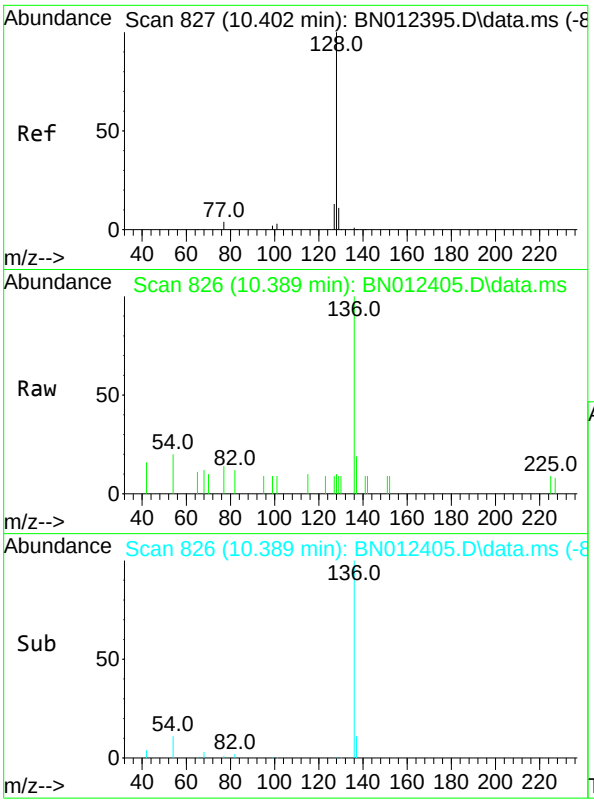


#8
Nitrobenzene-d5
Concen: 0.36 ng
RT: 8.754 min Scan# 697
Delta R.T. 0.025 min
Lab File: BN012405.D
Acq: 27 Oct 2020 10:57

Tgt Ion: 82 Resp: 1167

Ion	Ratio	Lower	Upper
82	100		
128	42.0	30.6	46.0
54	76.6	48.3	72.5#

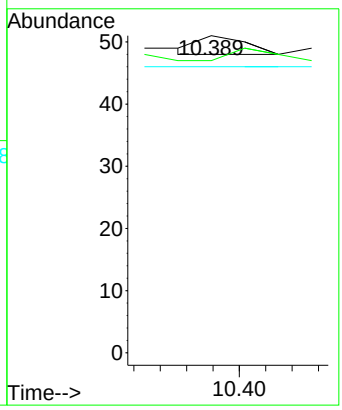




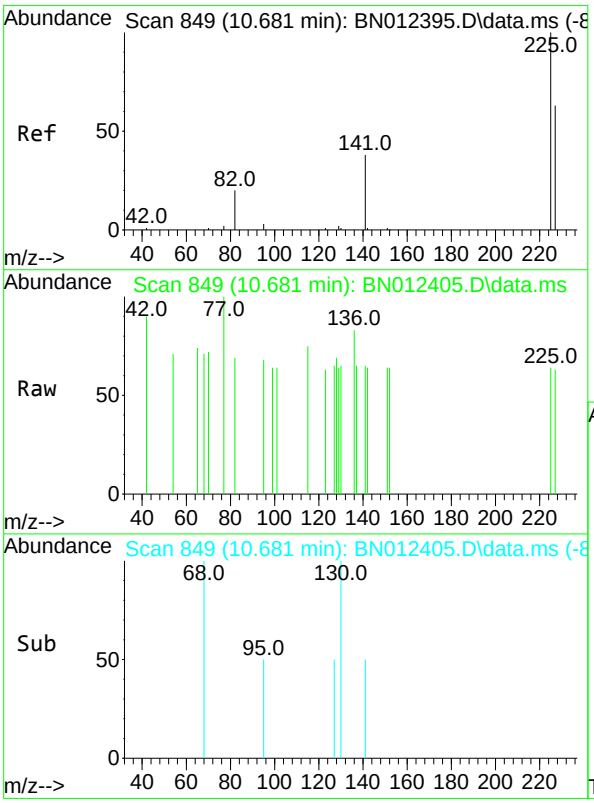
#9
Naphthalene
Concen: 0.00 ng
RT: 10.389 min Scan# 826
Delta R.T. -0.013 min
Lab File: BN012405.D
Acq: 27 Oct 2020 10:57

Tgt Ion:128 Resp: 4

Ion	Ratio	Lower	Upper
128	100		
129	92.2	9.8	14.8#
127	90.2	12.2	18.4#



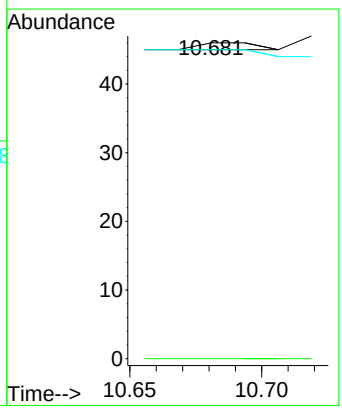
Instrument :
BNA_N
ClientSampleId :
PB132530BL



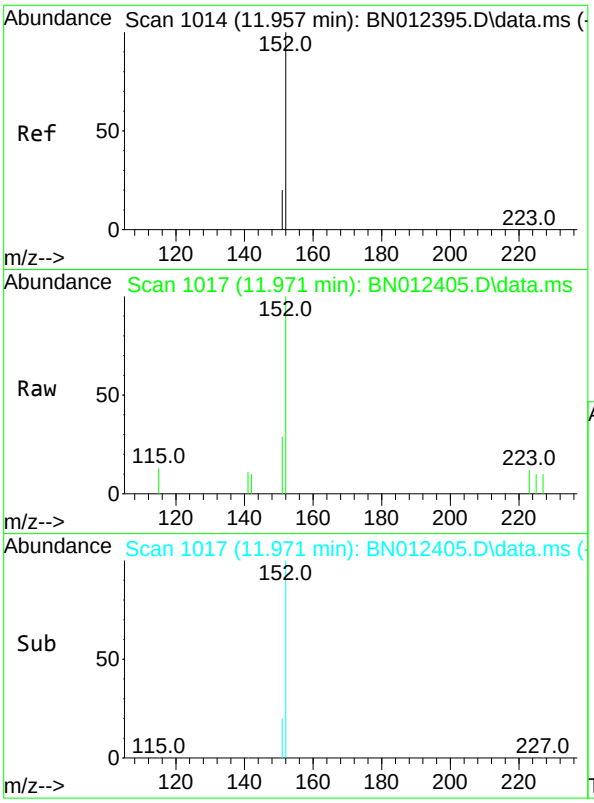
#10
Hexachlorobutadiene
Concen: 0.00 ng
RT: 10.681 min Scan# 849
Delta R.T. -0.000 min
Lab File: BN012405.D
Acq: 27 Oct 2020 10:57

Tgt Ion:225 Resp: 2

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	0.0	51.0	76.6#



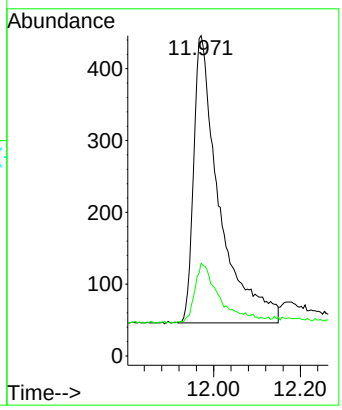
Instrument :
BNA_N
ClientSampleId :
PB132530BL

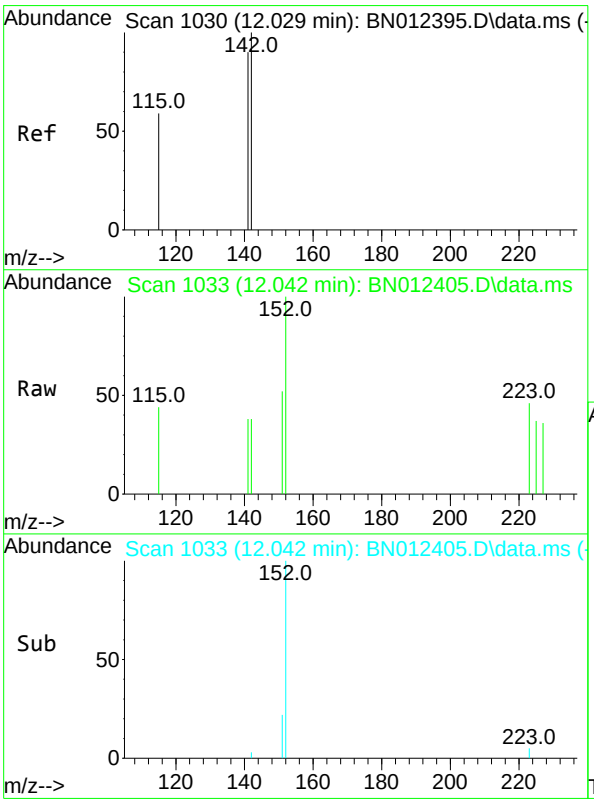


#11
2-Methylnaphthalene-d10
Concen: 0.34 ng
RT: 11.971 min Scan# 1017
Delta R.T. 0.018 min
Lab File: BN012405.D
Acq: 27 Oct 2020 10:57

Tgt Ion:152 Resp: 1642

Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.7	25.1

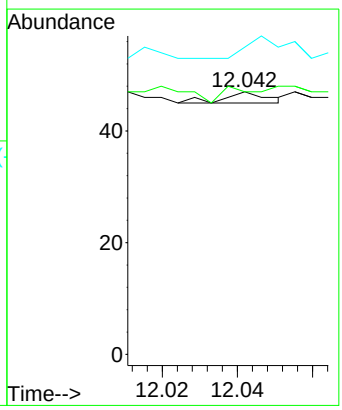




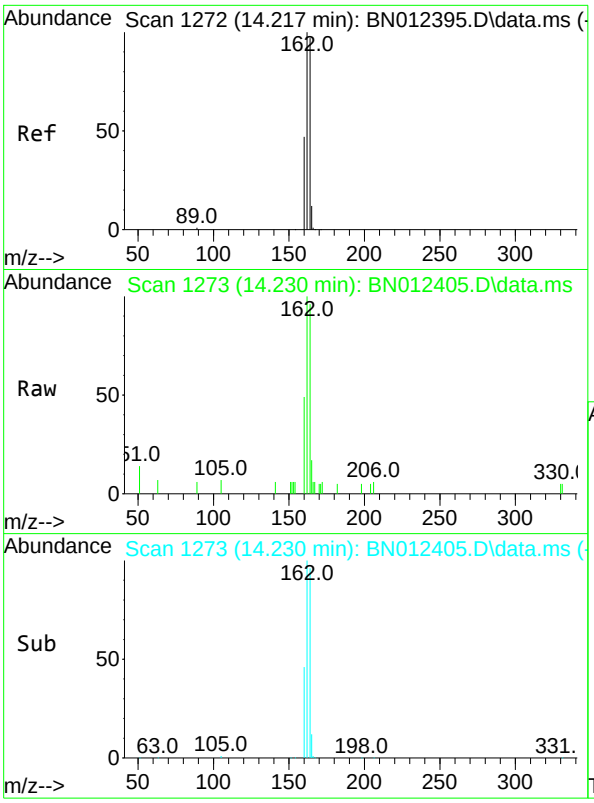
#12
2-Methylnaphthalene
Concen: 0.00 ng
RT: 12.042 min Scan# 1033
Delta R.T. 0.018 min
Lab File: BN012405.D
Acq: 27 Oct 2020 10:57

Tgt Ion:142 Resp: 2

Ion	Ratio	Lower	Upper
142	100		
141	100.0	69.4	104.2
115	117.0	35.7	53.5#



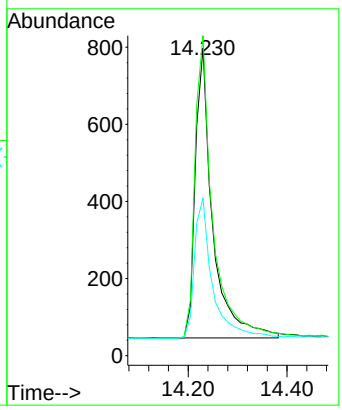
Instrument :
BNA_N
ClientSampleId :
PB132530BL

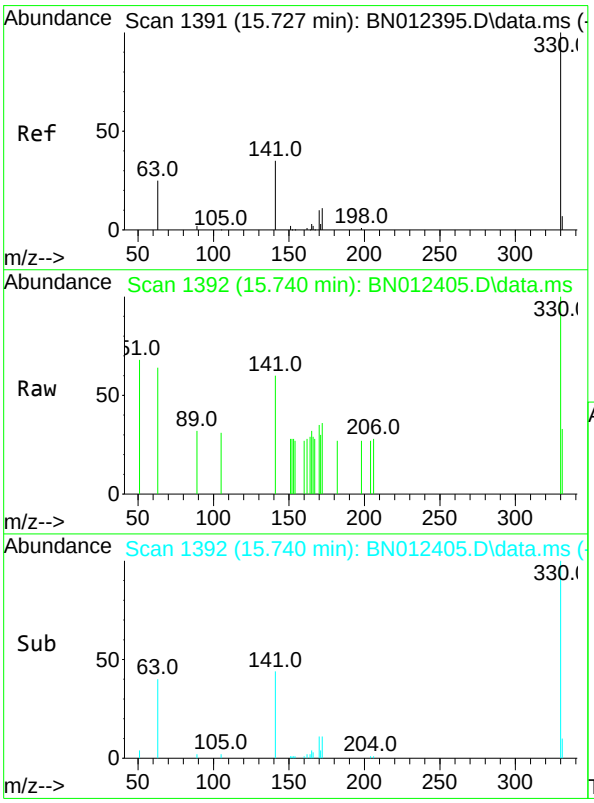


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.230 min Scan# 1273
Delta R.T. 0.013 min
Lab File: BN012405.D
Acq: 27 Oct 2020 10:57

Tgt Ion:164 Resp: 1835

Ion	Ratio	Lower	Upper
164	100		
162	104.0	80.6	120.8
160	51.1	39.5	59.3

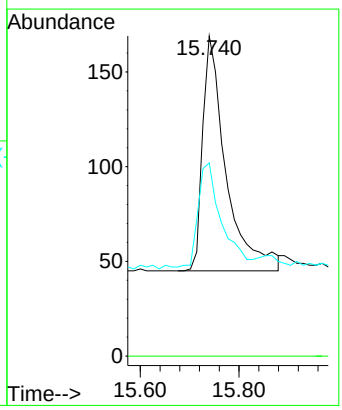




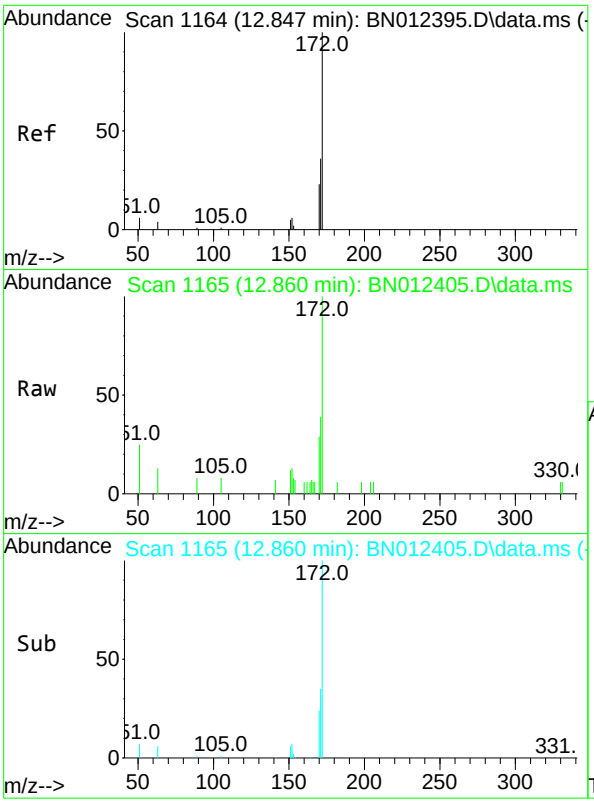
#14
2,4,6-Tribromophenol
Concen: 0.31 ng
RT: 15.740 min Scan# 1392
Delta R.T. 0.012 min
Lab File: BN012405.D
Acq: 27 Oct 2020 10:57

Tgt Ion:330 Resp: 407

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	44.2	34.4	51.6



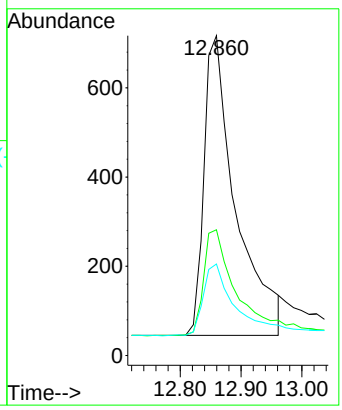
Instrument :
BNA_N
ClientSampleId :
PB132530BL

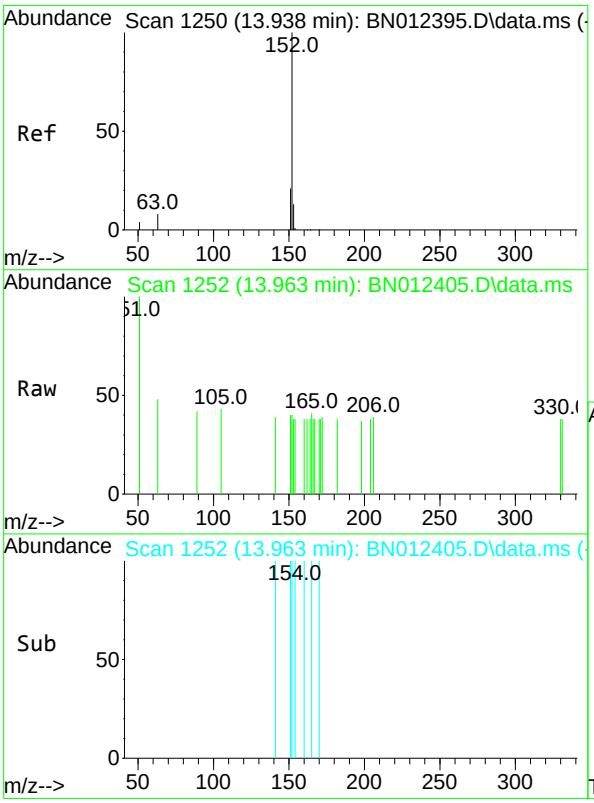


#15
2-Fluorobiphenyl
Concen: 0.36 ng
RT: 12.860 min Scan# 1165
Delta R.T. 0.012 min
Lab File: BN012405.D
Acq: 27 Oct 2020 10:57

Tgt Ion:172 Resp: 2441

Ion	Ratio	Lower	Upper
172	100		
171	39.3	28.2	42.4
170	28.6	20.0	30.0

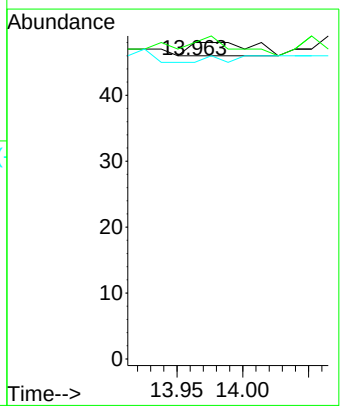




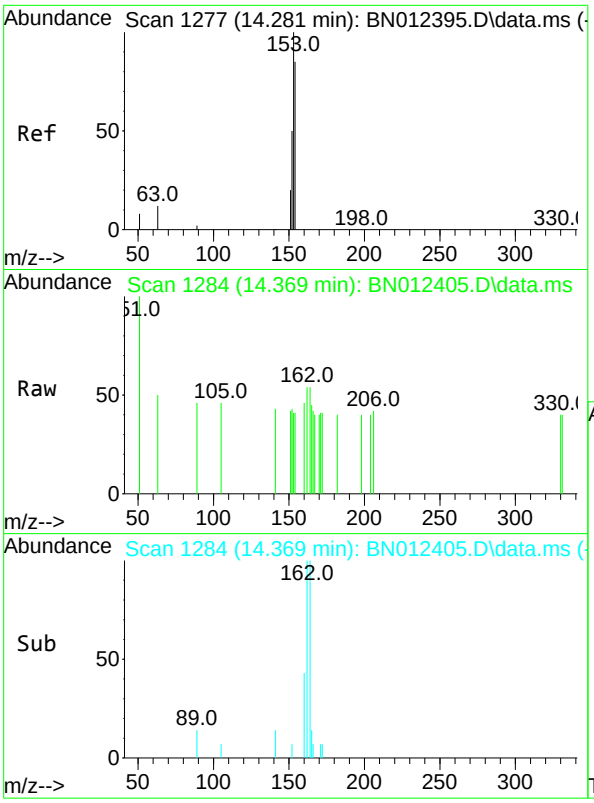
#16
Acenaphthylene
Concen: 0.00 ng
RT: 13.963 min Scan# 1252
Delta R.T. 0.025 min
Lab File: BN012405.D
Acq: 27 Oct 2020 10:57

Tgt Ion:152 Resp: 7

Ion	Ratio	Lower	Upper
152	100		
151	114.3	15.8	23.8#
153	42.9	10.6	16.0#



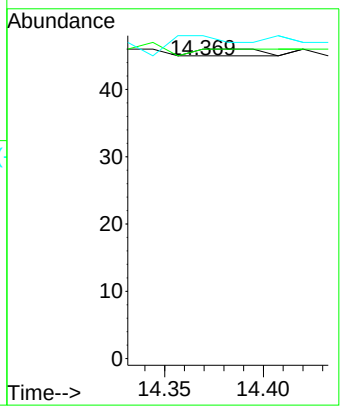
Instrument :
BNA_N
ClientSampleId :
PB132530BL

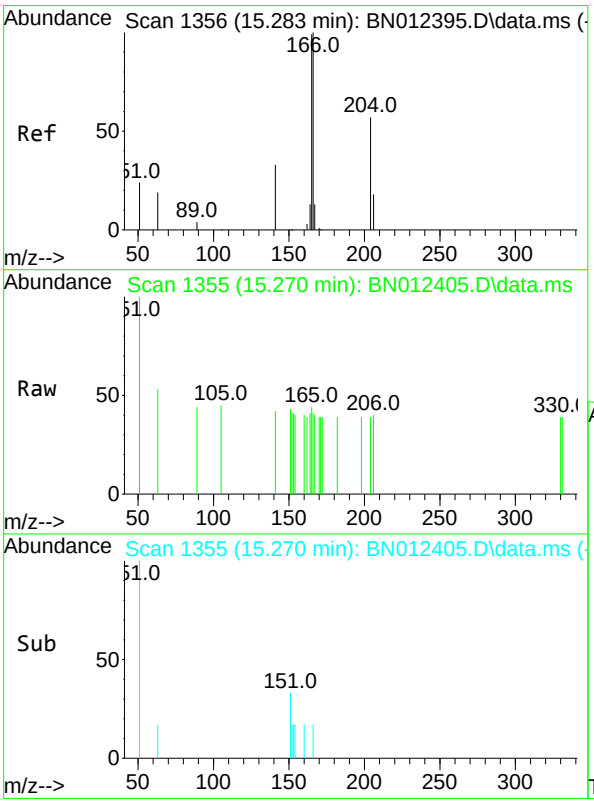


#17
Acenaphthene
Concen: 0.00 ng
RT: 14.369 min Scan# 1284
Delta R.T. 0.089 min
Lab File: BN012405.D
Acq: 27 Oct 2020 10:57

Tgt Ion:154 Resp: 2

Ion	Ratio	Lower	Upper
154	100		
153	0.0	83.6	125.4#
152	0.0	43.9	65.9#

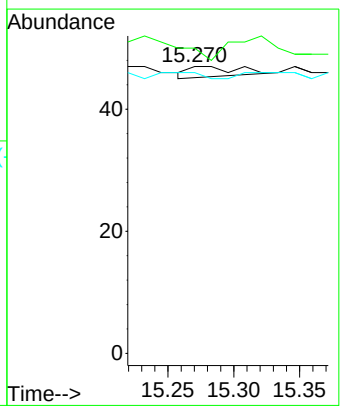




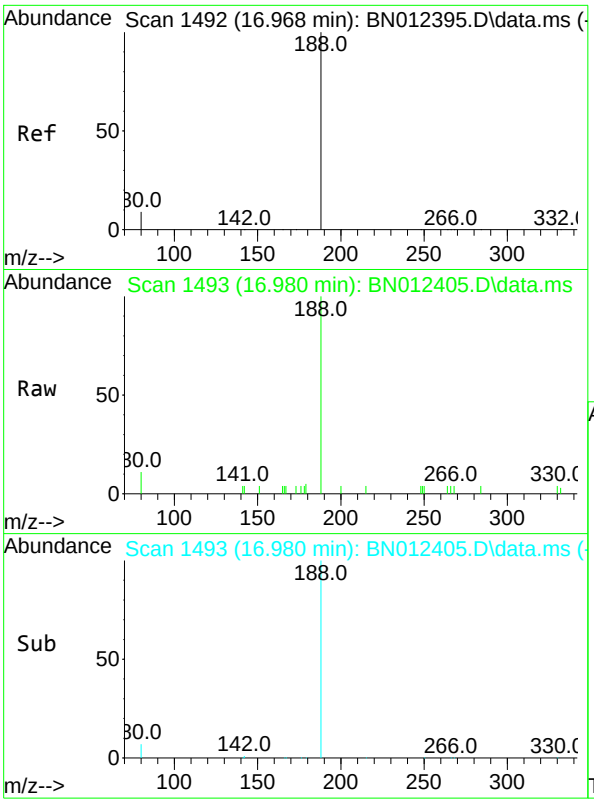
#18
Fluorene
Concen: 0.00 ng
RT: 15.270 min Scan# 1355
Delta R.T. -0.000 min
Lab File: BN012405.D
Acq: 27 Oct 2020 10:57

Tgt Ion:166 Resp: 5

Ion	Ratio	Lower	Upper
166	100		
165	0.0	78.6	118.0#
167	0.0	10.7	16.1#



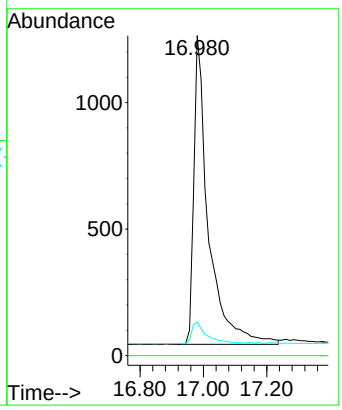
Instrument :
BNA_N
ClientSampleId :
PB132530BL

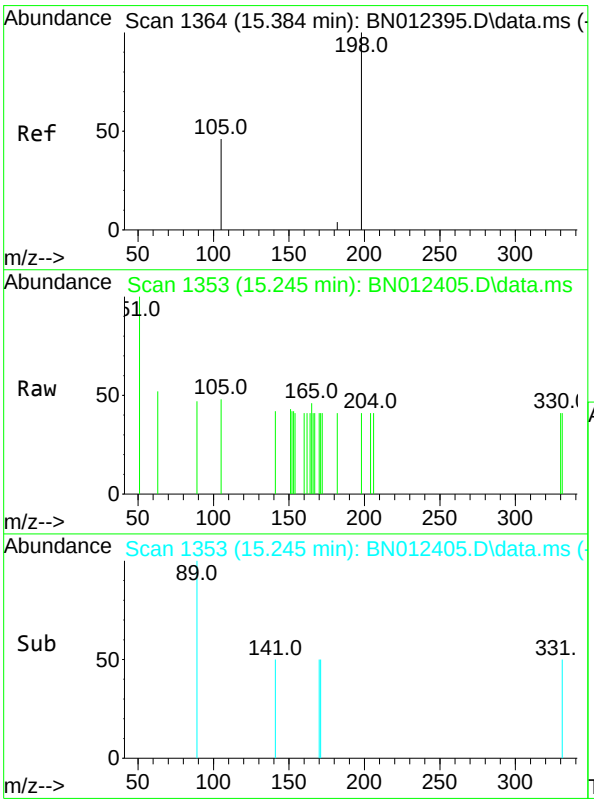


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.980 min Scan# 1493
Delta R.T. 0.012 min
Lab File: BN012405.D
Acq: 27 Oct 2020 10:57

Tgt Ion:188 Resp: 3894

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.5	5.0	7.4#

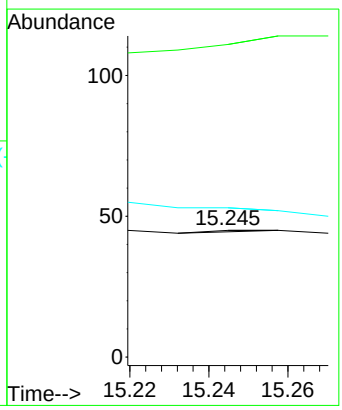




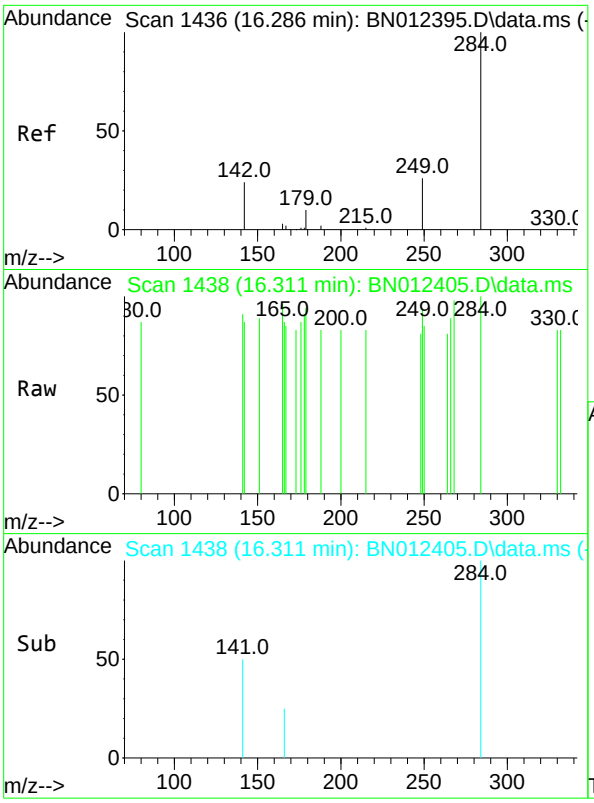
#20
4,6-Dinitro-2-methylphenol
Concen: 0.00 ng
RT: 15.245 min Scan# 1353
Delta R.T. -0.140 min
Lab File: BN012405.D
Acq: 27 Oct 2020 10:57

Tgt Ion:198 Resp: 1

Ion	Ratio	Lower	Upper
198	100		
51	246.7	43.5	65.3#
105	117.8	27.2	40.8#



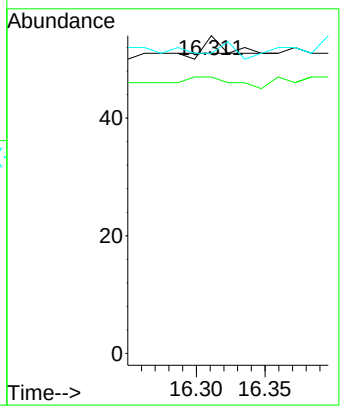
Instrument :
BNA_N
ClientSampleId :
PB132530BL

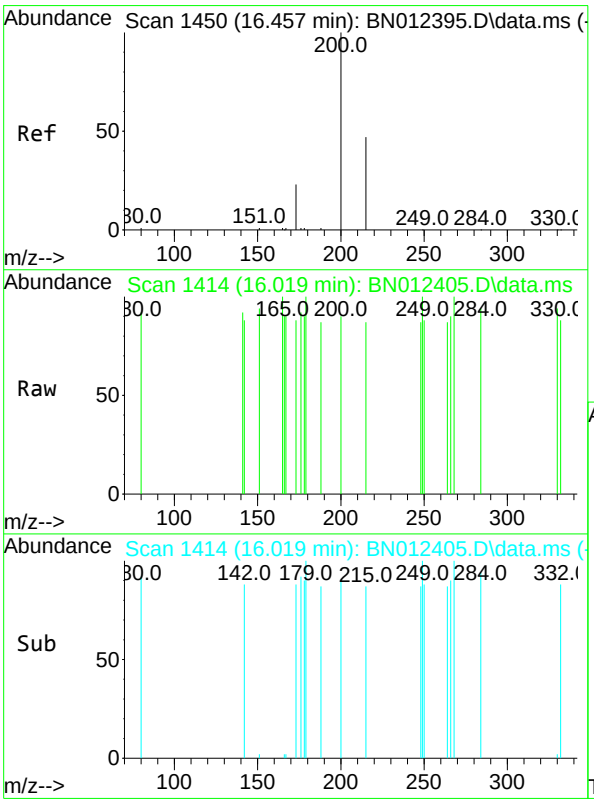


#22
Hexachlorobenzene
Concen: 0.00 ng
RT: 16.311 min Scan# 1438
Delta R.T. 0.036 min
Lab File: BN012405.D
Acq: 27 Oct 2020 10:57

Tgt Ion:284 Resp: 2

Ion	Ratio	Lower	Upper
284	100		
142	250.0	32.0	48.0#
249	0.0	27.0	40.6#

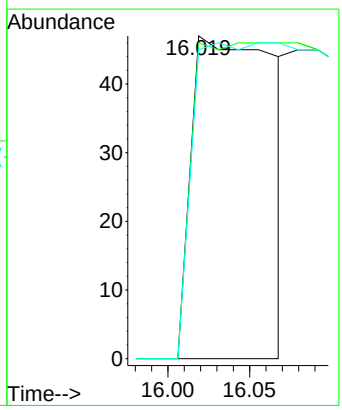




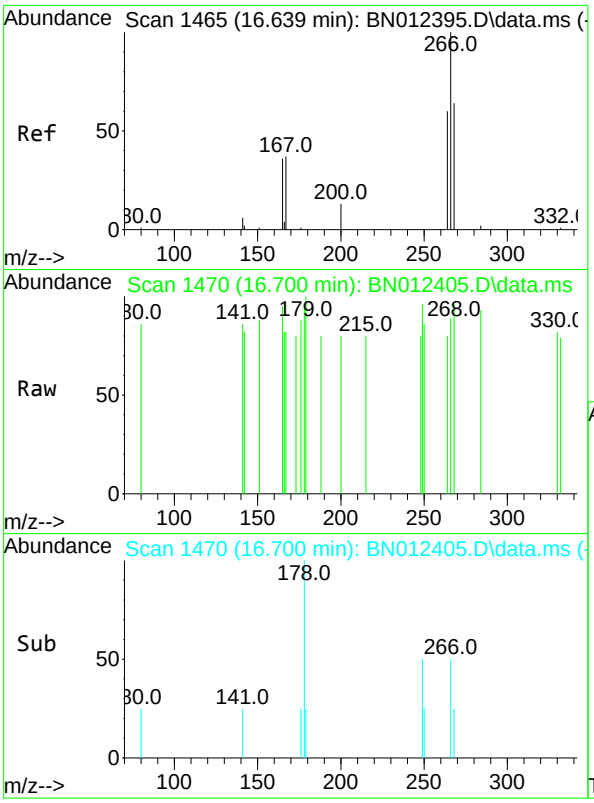
#23
Atrazine
Concen: 0.07 ng
RT: 16.019 min Scan# 1414
Delta R.T. -0.438 min
Lab File: BN012405.D
Acq: 27 Oct 2020 10:57

Tgt Ion:200 Resp: 166

Ion	Ratio	Lower	Upper
200	100		
173	97.9	22.8	34.2#
215	95.7	38.1	57.1#



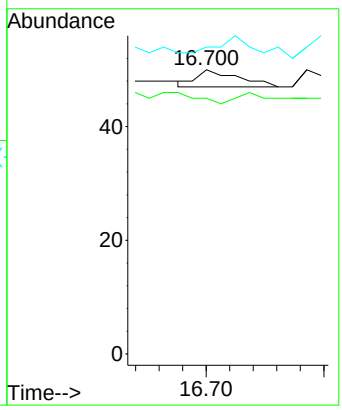
Instrument :
BNA_N
ClientSampleId :
PB132530BL

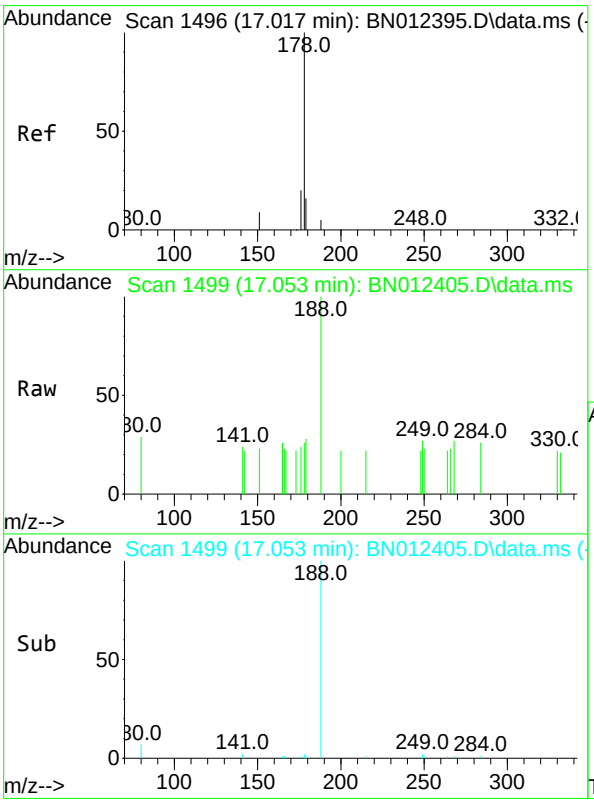


#24
Pentachlorophenol
Concen: 0.01 ng
RT: 16.700 min Scan# 1470
Delta R.T. 0.073 min
Lab File: BN012405.D
Acq: 27 Oct 2020 10:57

Tgt Ion:266 Resp: 7

Ion	Ratio	Lower	Upper
266	100		
264	0.0	50.9	76.3#
268	0.0	51.5	77.3#

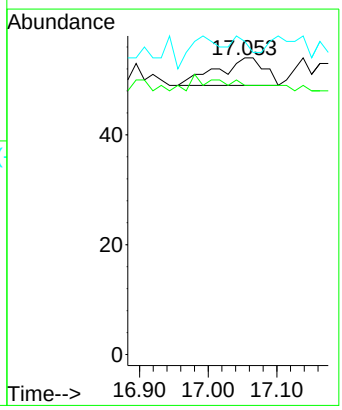




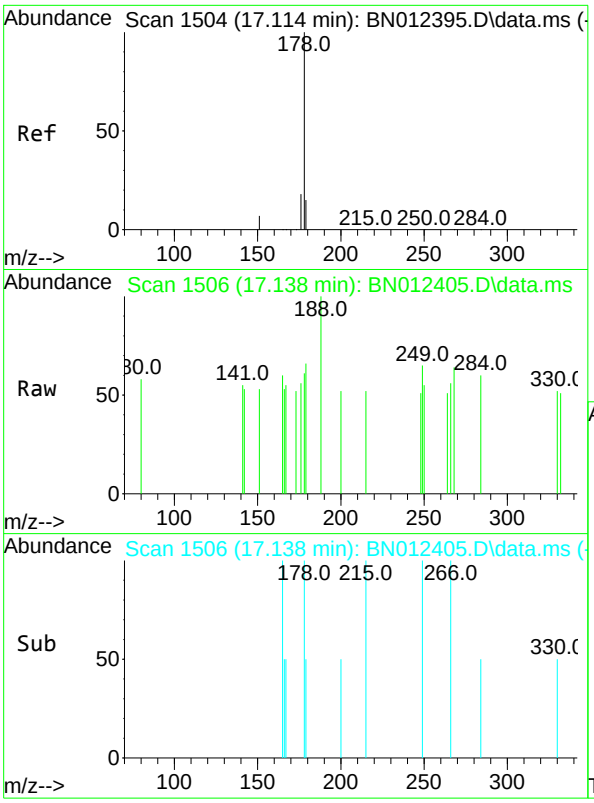
#25
Phenanthrene
Concen: 0.00 ng
RT: 17.053 min Scan# 1499
Delta R.T. 0.036 min
Lab File: BN012405.D
Acq: 27 Oct 2020 10:57

Tgt Ion:178 Resp: 24

Ion	Ratio	Lower	Upper
178	100		
176	0.0	14.8	22.2#
179	0.0	12.4	18.6#



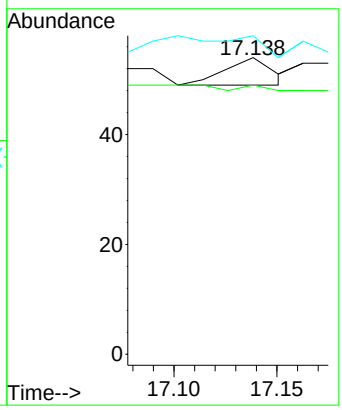
Instrument :
BNA_N
ClientSampleId :
PB132530BL

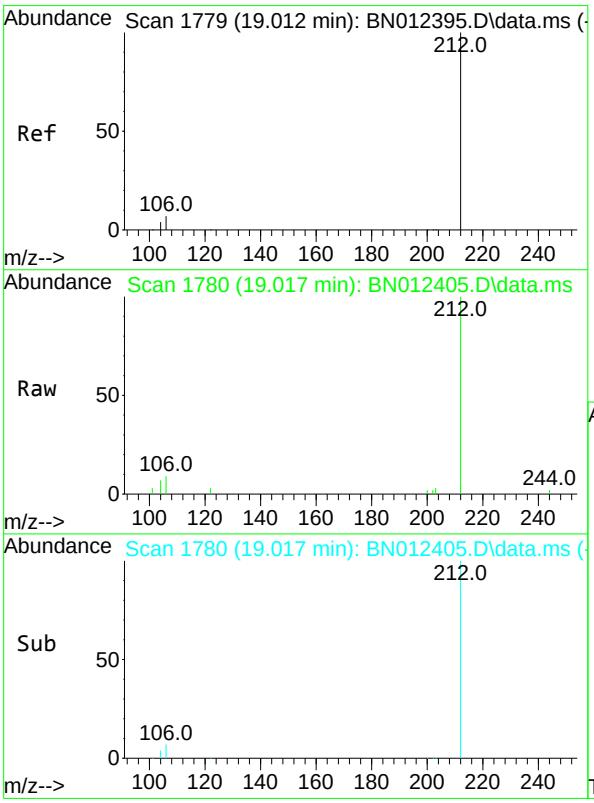


#26
Anthracene
Concen: 0.00 ng
RT: 17.138 min Scan# 1506
Delta R.T. 0.036 min
Lab File: BN012405.D
Acq: 27 Oct 2020 10:57

Tgt Ion:178 Resp: 8

Ion	Ratio	Lower	Upper
178	100		
176	0.0	14.8	22.2#
179	0.0	12.5	18.7#

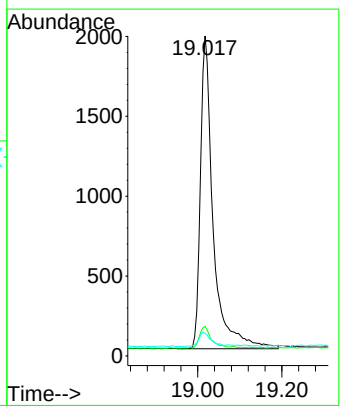




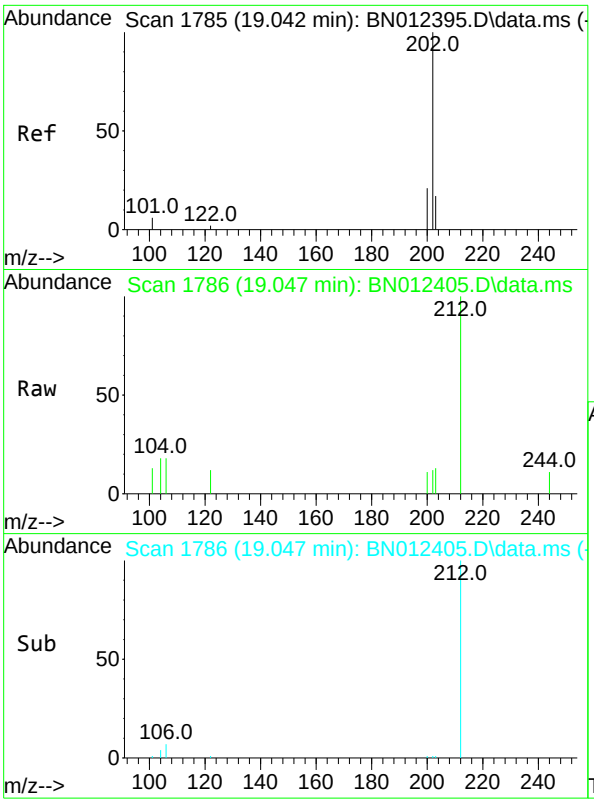
#27
Fluoranthene-d10
Concen: 0.34 ng
RT: 19.017 min Scan# 1780
Delta R.T. 0.005 min
Lab File: BN012405.D
Acq: 27 Oct 2020 10:57

Tgt Ion:212 Resp: 4137

Ion	Ratio	Lower	Upper
212	100		
106	6.4	6.8	10.2#
104	4.4	4.1	6.1



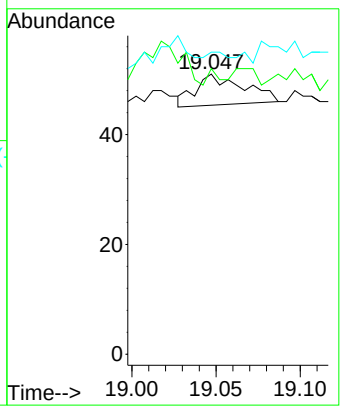
Instrument :
BNA_N
ClientSampleId :
PB132530BL

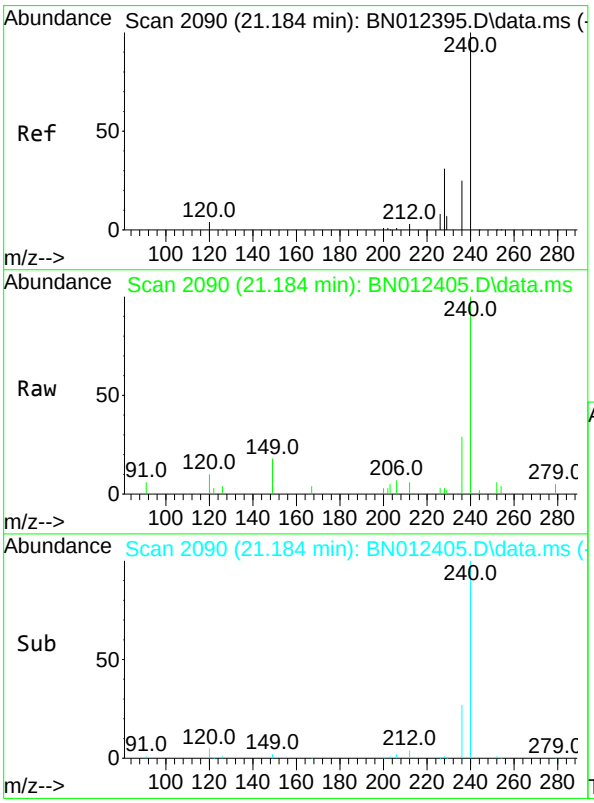


#28
Fluoranthene
Concen: 0.00 ng
RT: 19.047 min Scan# 1786
Delta R.T. 0.005 min
Lab File: BN012405.D
Acq: 27 Oct 2020 10:57

Tgt Ion:202 Resp: 11

Ion	Ratio	Lower	Upper
202	100		
101	9.1	5.8	8.6#
203	18.2	13.7	20.5

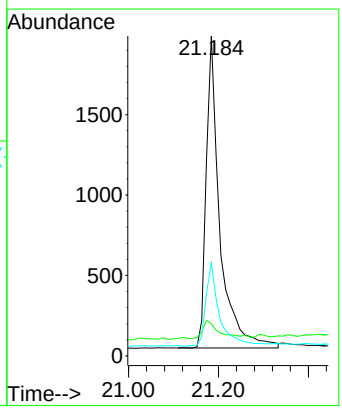




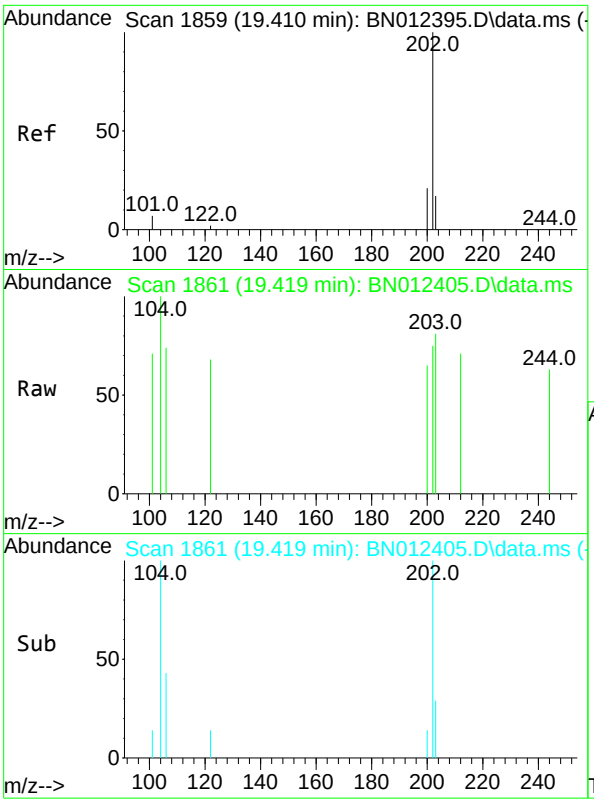
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.184 min Scan# 2090
Delta R.T. 0.010 min
Lab File: BN012405.D
Acq: 27 Oct 2020 10:57

Tgt Ion:240 Resp: 4087

Ion	Ratio	Lower	Upper
240	100		
120	10.1	5.3	7.9#
236	29.1	21.8	32.8



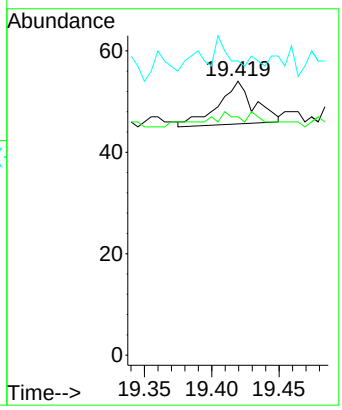
Instrument :
BNA_N
ClientSampleId :
PB132530BL

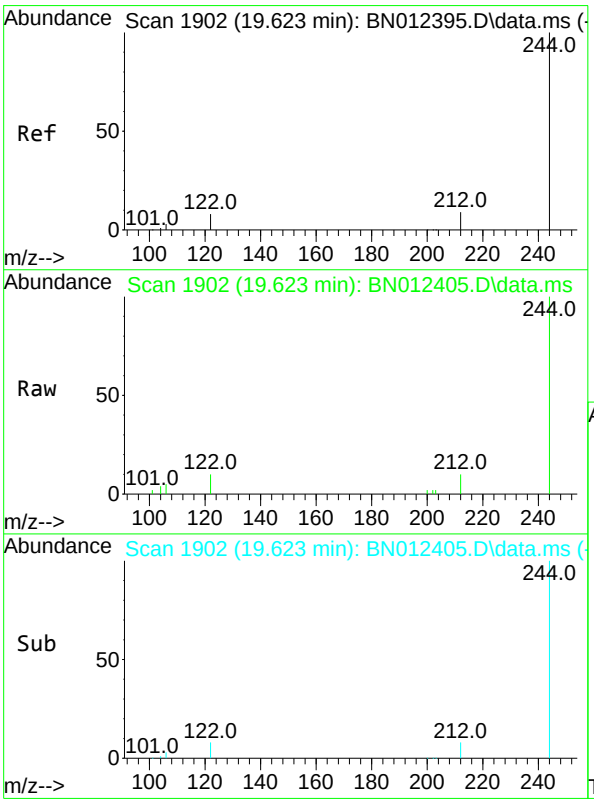


#30
Pyrene
Concen: 0.00 ng
RT: 19.419 min Scan# 1861
Delta R.T. 0.015 min
Lab File: BN012405.D
Acq: 27 Oct 2020 10:57

Tgt Ion:202 Resp: 16

Ion	Ratio	Lower	Upper
202	100		
200	18.8	16.6	24.8
203	0.0	13.8	20.8#

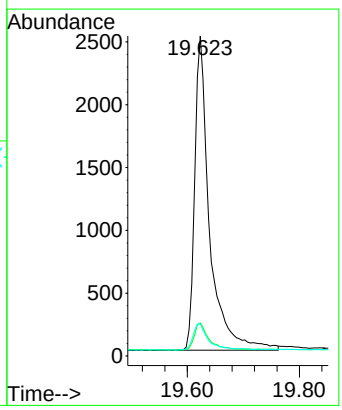




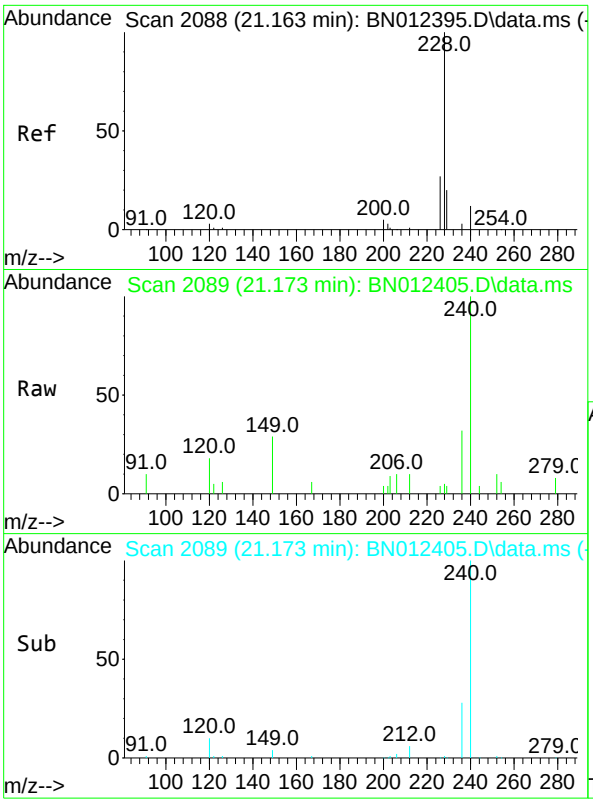
#31
Terphenyl-d14
Concen: 0.48 ng
RT: 19.623 min Scan# 1902
Delta R.T. -0.000 min
Lab File: BN012405.D
Acq: 27 Oct 2020 10:57

Tgt Ion:244 Resp: 4611

Ion	Ratio	Lower	Upper
244	100		
212	10.4	7.3	10.9
122	10.1	7.3	10.9



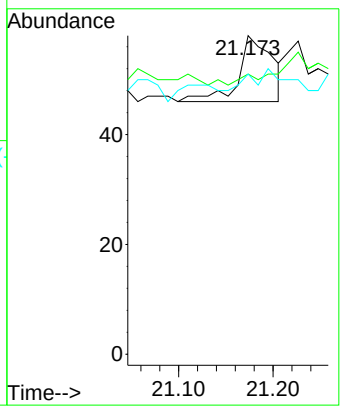
Instrument :
BNA_N
ClientSampleId :
PB132530BL

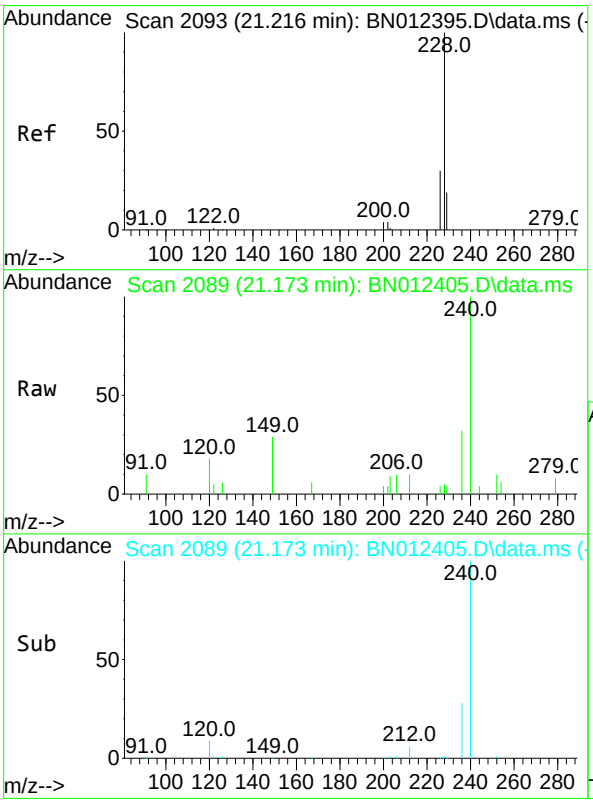


#32
Benzo(a)anthracene
Concen: 0.00 ng
RT: 21.173 min Scan# 2089
Delta R.T. 0.010 min
Lab File: BN012405.D
Acq: 27 Oct 2020 10:57

Tgt Ion:228 Resp: 30

Ion	Ratio	Lower	Upper
228	100		
226	87.9	22.3	33.5#
229	87.9	15.7	23.5#

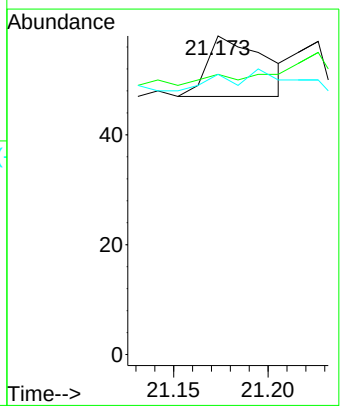




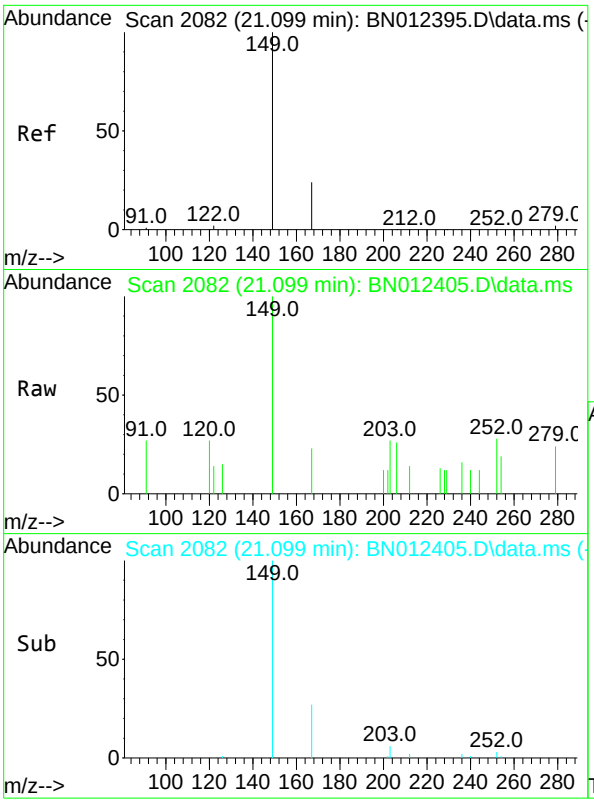
#33
Chrysene
Concen: 0.00 ng
RT: 21.173 min Scan# 2089
Delta R.T. -0.043 min
Lab File: BN012405.D
Acq: 27 Oct 2020 10:57

Tgt Ion:228 Resp: 23

Ion	Ratio	Lower	Upper
228	100		
226	87.9	24.2	36.2#
229	87.9	15.7	23.5#



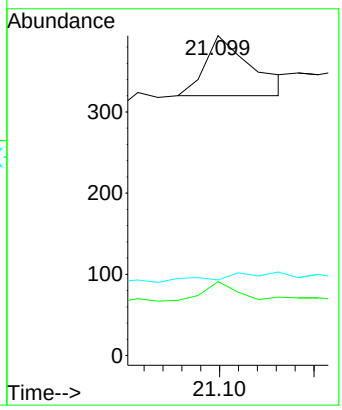
Instrument :
BNA_N
ClientSampleId :
PB132530BL

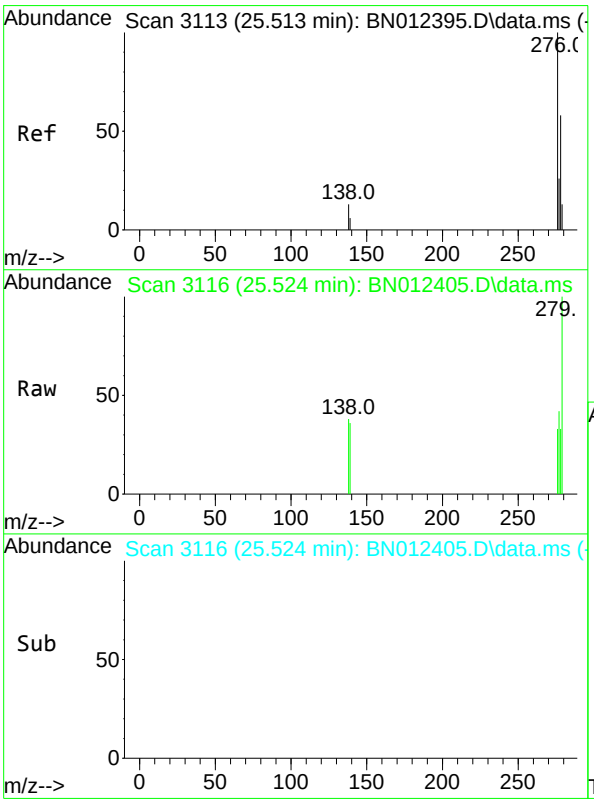


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.02 ng
RT: 21.099 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BN012405.D
Acq: 27 Oct 2020 10:57

Tgt Ion:149 Resp: 127

Ion	Ratio	Lower	Upper
149	100		
167	23.6	23.2	34.8
279	0.0	3.9	5.9#

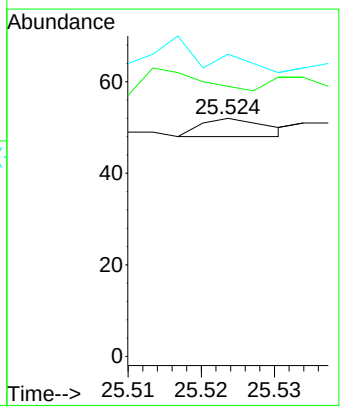


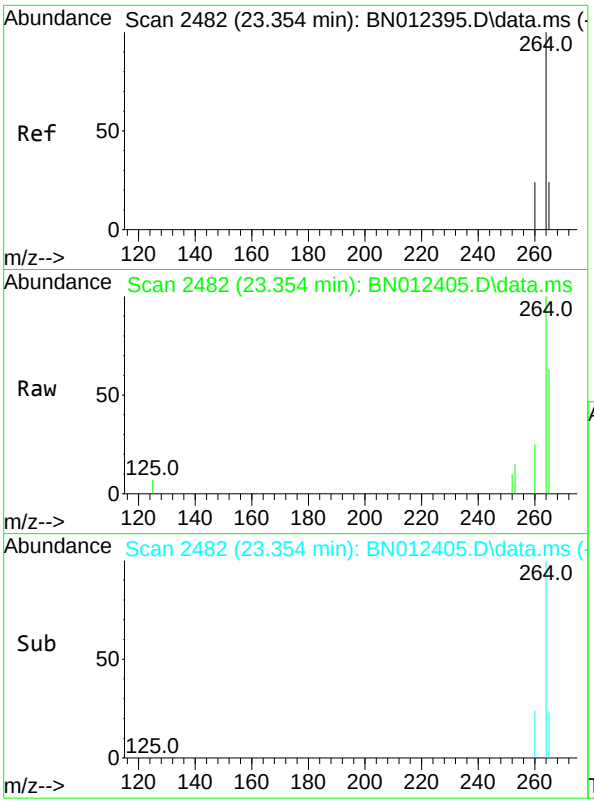


#35
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng
RT: 25.524 min Scan# 3116
Delta R.T. 0.014 min
Lab File: BN012405.D
Acq: 27 Oct 2020 10:57

Tgt Ion:276 Resp: 2

Ion	Ratio	Lower	Upper
276	100		
138	100.0	13.3	19.9#
277	150.0	20.2	30.4#

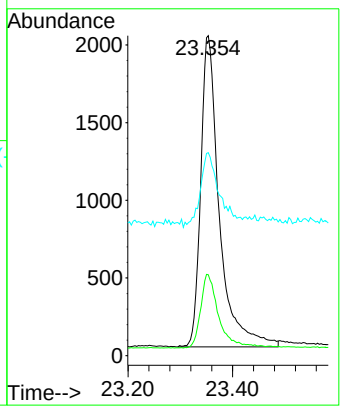




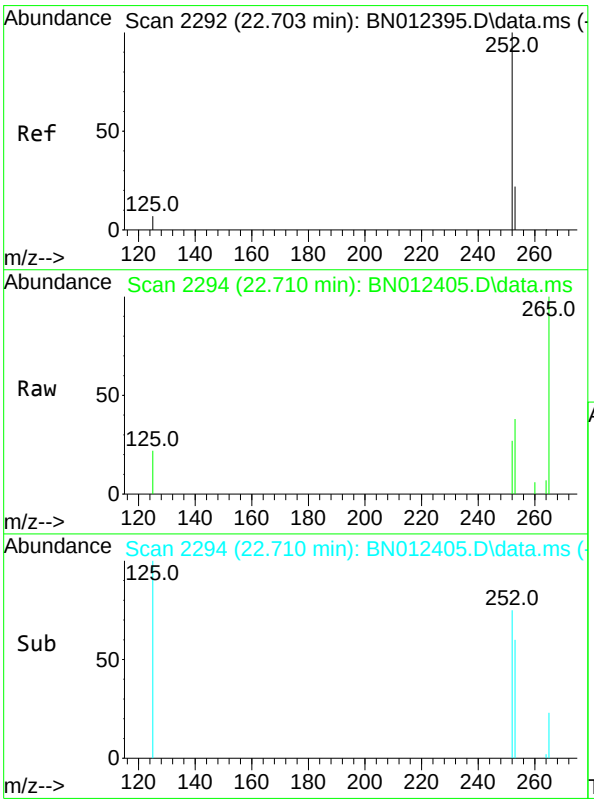
#36
Perylene-d12
Concen: 0.40 ng
RT: 23.354 min Scan# 2482
Delta R.T. 0.003 min
Lab File: BN012405.D
Acq: 27 Oct 2020 10:57

Tgt Ion:264 Resp: 4951

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.8	29.6
265	63.4	51.4	77.0



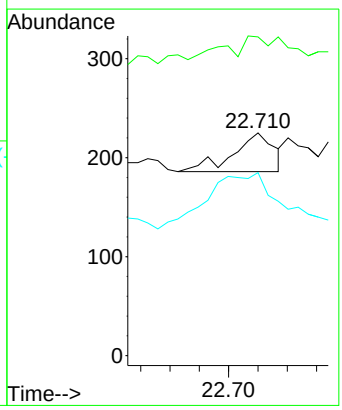
Instrument :
BNA_N
ClientSampleId :
PB132530BL



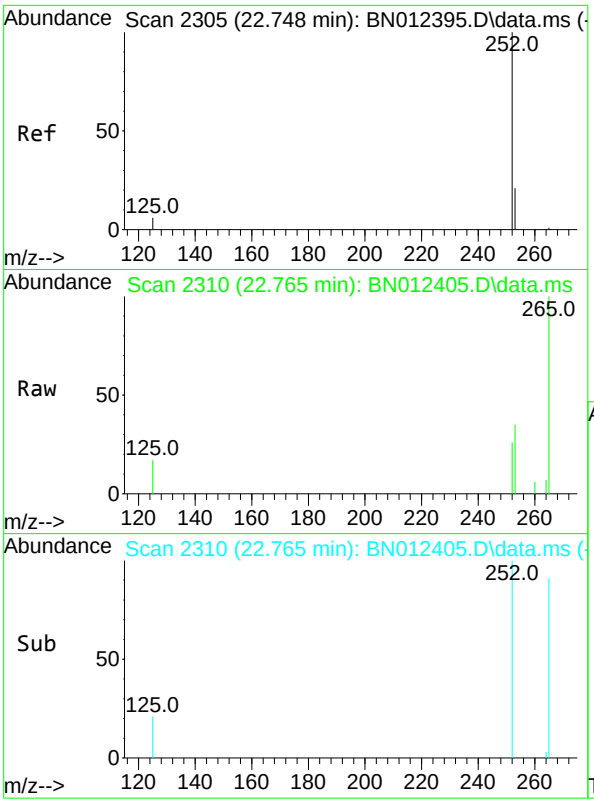
#37
Benzo(b)fluoranthene
Concen: 0.00 ng
RT: 22.710 min Scan# 2294
Delta R.T. 0.007 min
Lab File: BN012405.D
Acq: 27 Oct 2020 10:57

Tgt Ion:252 Resp: 38

Ion	Ratio	Lower	Upper
252	100		
253	143.1	20.1	30.1#
125	82.2	7.2	10.8#



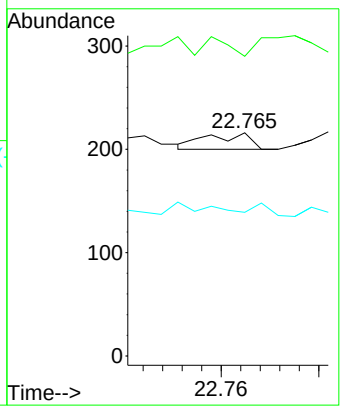
Instrument :
BNA_N
ClientSampleId :
PB132530BL

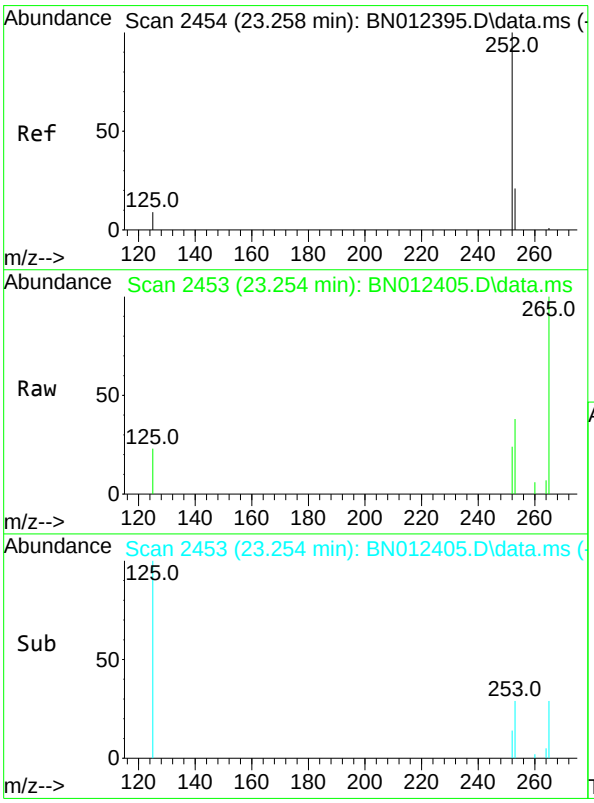


#38
Benzo(k)fluoranthene
Concen: 0.00 ng
RT: 22.765 min Scan# 2310
Delta R.T. 0.017 min
Lab File: BN012405.D
Acq: 27 Oct 2020 10:57

Tgt Ion:252 Resp: 10

Ion	Ratio	Lower	Upper
252	100		
253	134.3	19.8	29.8#
125	64.4	7.1	10.7#

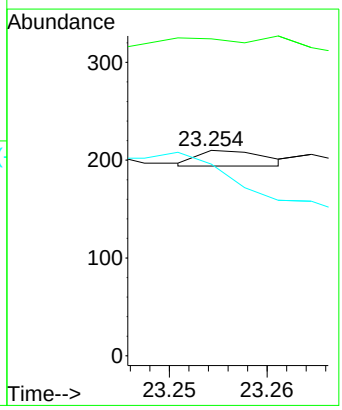




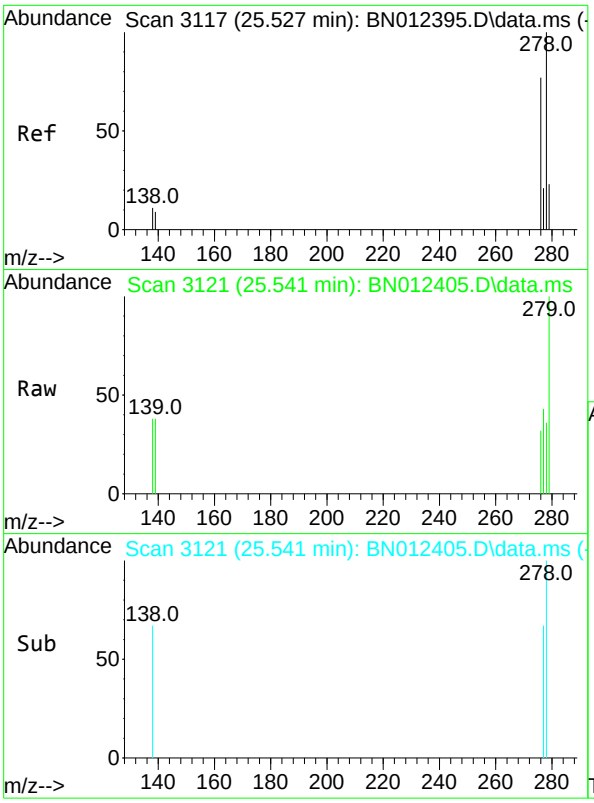
#39
Benzo(a)pyrene
Concen: 0.00 ng
RT: 23.254 min Scan# 2453
Delta R.T. -0.000 min
Lab File: BN012405.D
Acq: 27 Oct 2020 10:57

Tgt Ion:252 Resp: 8

Ion	Ratio	Lower	Upper
252	100		
253	154.3	21.3	31.9#
125	93.3	8.3	12.5#



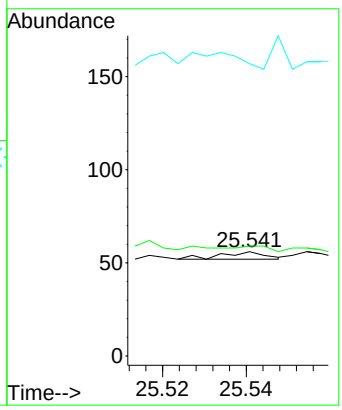
Instrument :
BNA_N
ClientSampleId :
PB132530BL

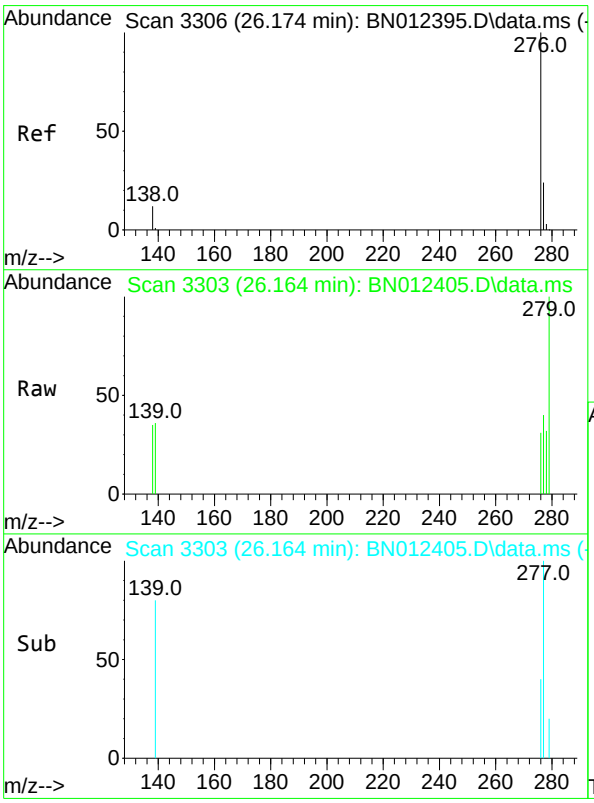


#40
Dibenzo(a,h)anthracene
Concen: 0.00 ng
RT: 25.541 min Scan# 3121
Delta R.T. 0.014 min
Lab File: BN012405.D
Acq: 27 Oct 2020 10:57

Tgt Ion:278 Resp: 3

Ion	Ratio	Lower	Upper
278	100		
139	105.4	9.3	13.9#
279	280.4	21.6	32.4#





#41
Benzo(g,h,i)perylene
Concen: 0.00 ng
RT: 26.164 min Scan# 3303
Delta R.T. -0.007 min
Lab File: BN012405.D
Acq: 27 Oct 2020 10:57

Tgt Ion:276 Resp: 3

Ion	Ratio	Lower	Upper
276	100		
277	128.8	19.8	29.8#
138	113.5	11.7	17.5#