Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102920\
Data File : BN012436.D
Acq On : 29 Oct 2020 13:55
Operator : CG/JU
Sample : PB132672BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB132672BSD

Quant Time: Oct 29 14:28:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN102620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 28 10:32:42 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.578	152	555	0.40	ng	# 0.00
7) Naphthalene-d8	10.352	136	2212	0.40	ng	# 0.00
13) Acenaphthene-d10	14.217	164	1280	0.40	ng	0.00
19) Phenanthrene-d10	16.968	188	2738	0.40	ng	# 0.00
29) Chrysene-d12	21.184	240	2727	0.40	ng	# 0.01
36) Perylene-d12	23.357	264	3242	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.186	112	691	0.36	ng	0.00
5) Phenol-d6	6.765	99	766	0.33	ng	0.00
8) Nitrobenzene-d5	8.742	82	874	0.36	ng	0.01
11) 2-Methylnaphthalene-d10	11.953	152	1269	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.727	330	315	0.35	ng	0.00
15) 2-Fluorobiphenyl	12.847	172	1706	0.36	ng	0.00
27) Fluoranthene-d10	19.013	212	3023	0.36	ng	0.00
31) Terphenyl-d14	19.623	244	2238	0.35	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.173	88	397	0.44	ng	# 81
3) n-Nitrosodimethylamine	3.487	42	847	0.39	ng	# 67
6) bis(2-Chloroethyl)ether	7.023	93	418	0.27	ng	# 76
9) Naphthalene	10.402	128	2284	0.37	ng	95
10) Hexachlorobutadiene	10.681	225	494	0.38	ng	# 97
12) 2-Methylnaphthalene	12.029	142	1480	0.37	ng	# 89
16) Acenaphthylene	13.938	152	2281	0.36	ng	100
17) Acenaphthene	14.281	154	1455	0.36	ng	87
18) Fluorene	15.270	166	1860	0.36	ng	97
20) 4,6-Dinitro-2-methylph...	15.397	198	195	0.31	ng	# 1
21) 4-Bromophenyl-phenylether	16.177	248	580	0.35	ng	95
22) Hexachlorobenzene	16.275	284	744	0.37	ng	# 81
23) Atrazine	16.457	200	577	0.36	ng	92
24) Pentachlorophenol	16.640	266	336	0.36	ng	95
25) Phenanthrene	17.017	178	2919	0.37	ng	99
26) Anthracene	17.102	178	2505	0.34	ng	99
28) Fluoranthene	19.042	202	3406	0.36	ng	99
30) Pyrene	19.410	202	3494	0.38	ng	99
32) Benzo(a)anthracene	21.163	228	2873	0.35	ng	97
33) Chrysene	21.216	228	3519	0.38	ng	99
34) Bis(2-ethylhexyl)phtha...	21.099	149	1991	0.37	ng	91
35) Indeno(1,2,3-cd)pyrene	25.520	276	4972	0.37	ng	# 95
37) Benzo(b)fluoranthene	22.707	252	3462	0.34	ng	# 85
38) Benzo(k)fluoranthene	22.751	252	4187	0.38	ng	# 85
39) Benzo(a)pyrene	23.261	252	3646	0.37	ng	# 82
40) Dibenzo(a,h)anthracene	25.534	278	3926	0.35	ng	# 85
41) Benzo(g,h,i)perylene	26.174	276	4230	0.36	ng	94

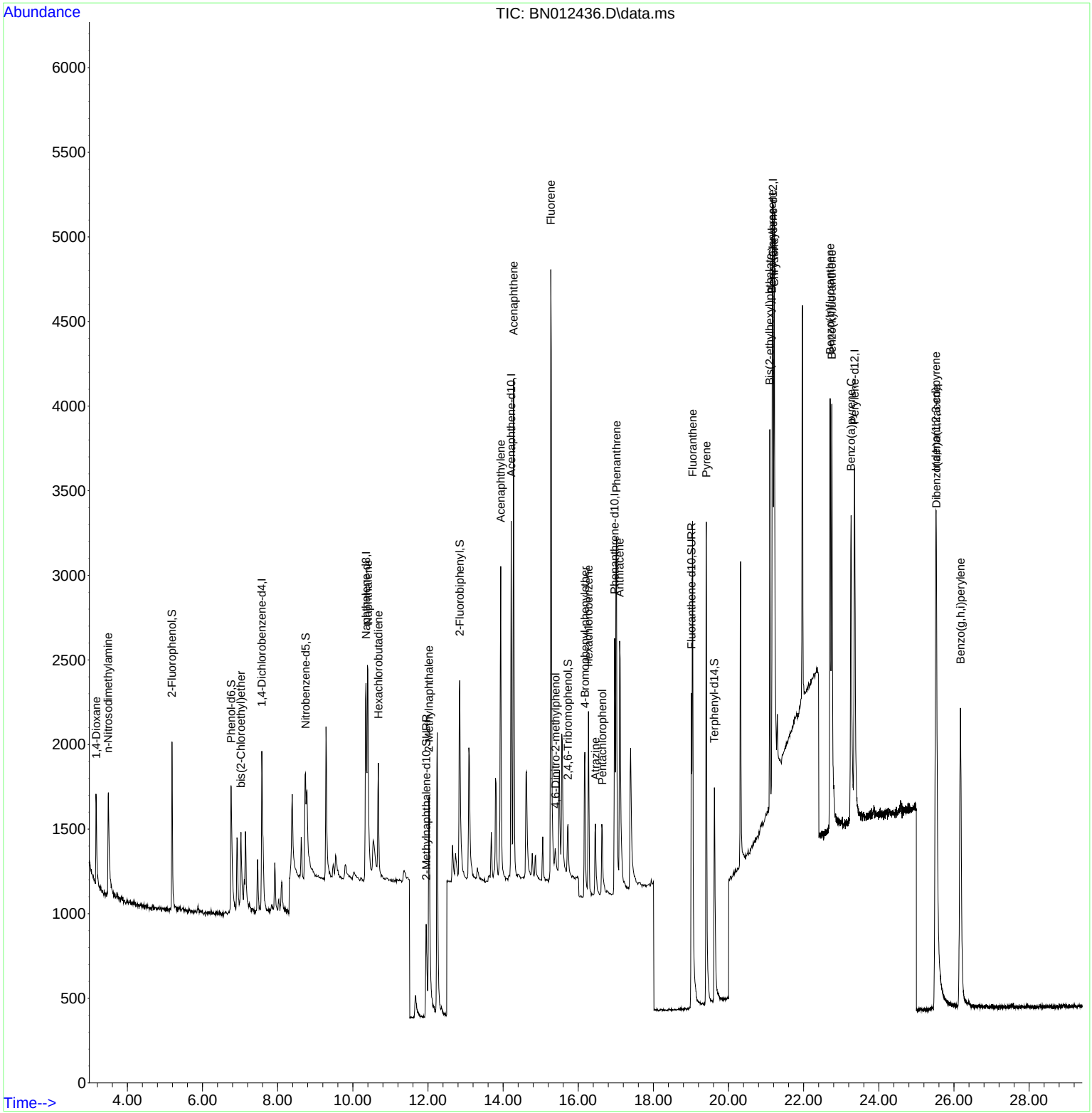
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

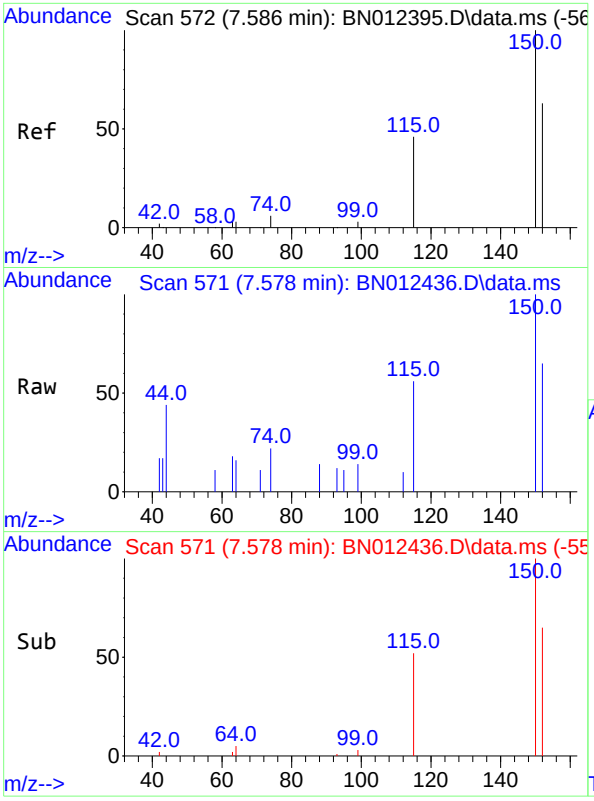
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102920\
Data File : BN012436.D
Acq On : 29 Oct 2020 13:55
Operator : CG/JU
Sample : PB132672BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB132672BSD

Quant Time: Oct 29 14:28:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN102620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 28 10:32:42 2020
Response via : Initial Calibration



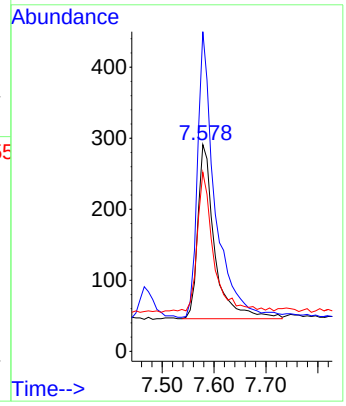
Instrument :
BNA_N
ClientSampleId :
PB132672BSD

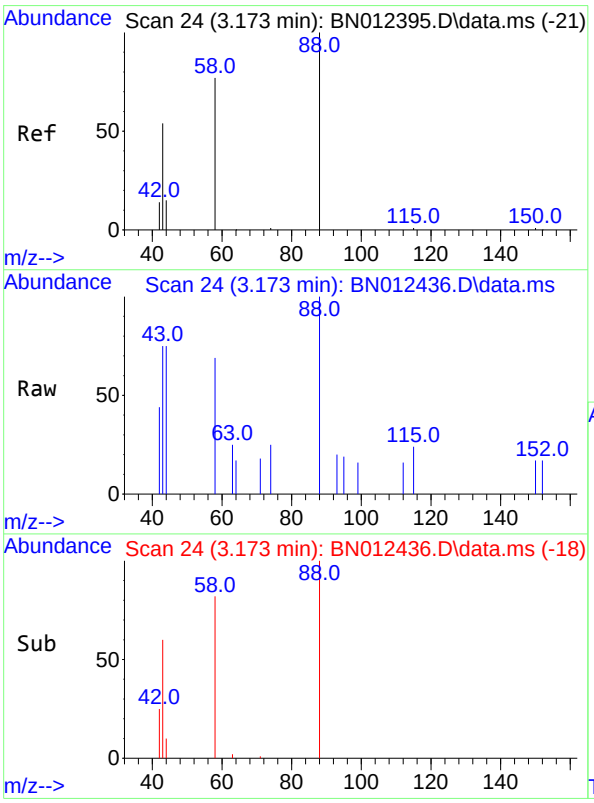


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.578 min Scan# 571
Delta R.T. 0.000 min
Lab File: BN012436.D
Acq: 29 Oct 2020 13:55

Tgt Ion:152 Resp: 555

Ion	Ratio	Lower	Upper
152	100		
150	154.6	116.6	174.8
115	86.6	52.9	79.3#

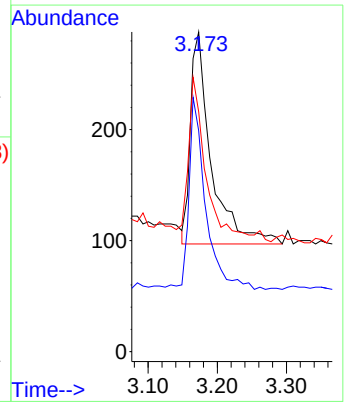




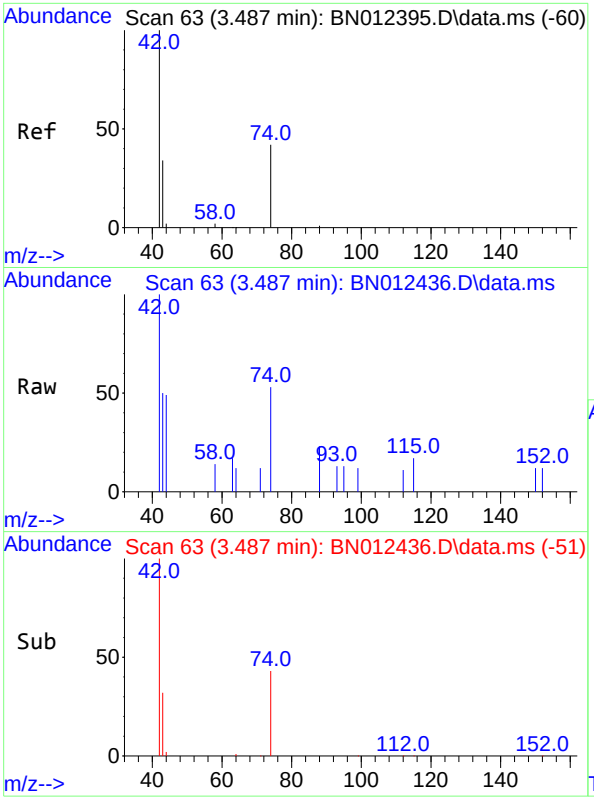
#2
1,4-Dioxane
Concen: 0.44 ng
RT: 3.173 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN012436.D
Acq: 29 Oct 2020 13:55

Tgt Ion: 88 Resp: 397

Ion	Ratio	Lower	Upper
88	100		
58	70.0	59.4	89.2
43	68.0	32.3	48.5#



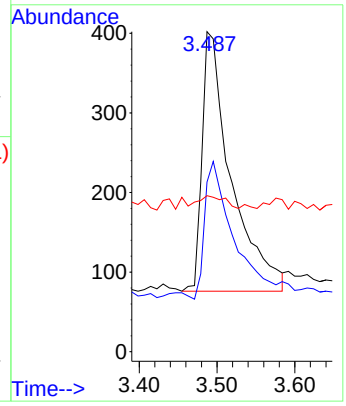
Instrument :
BNA_N
ClientSampleId :
PB132672BSD

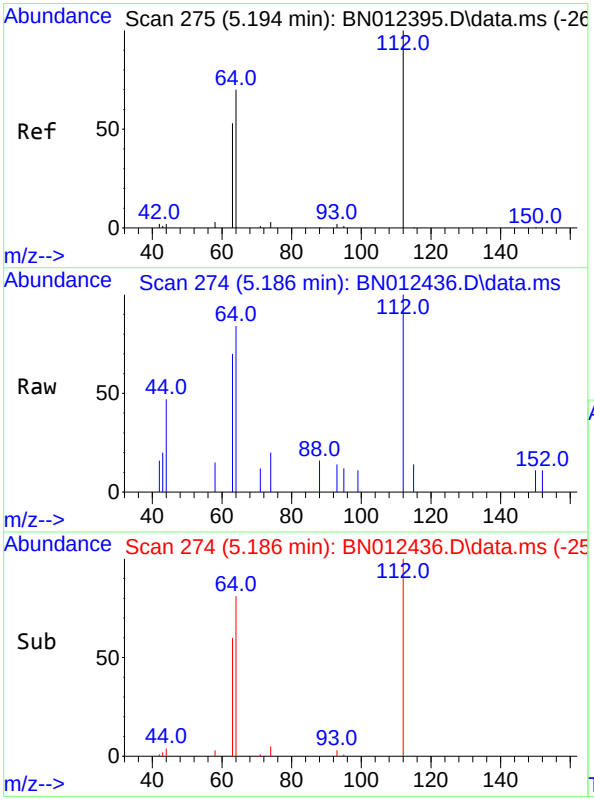


#3
n-Nitrosodimethylamine
Concen: 0.39 ng
RT: 3.487 min Scan# 63
Delta R.T. 0.000 min
Lab File: BN012436.D
Acq: 29 Oct 2020 13:55

Tgt Ion: 42 Resp: 847

Ion	Ratio	Lower	Upper
42	100		
74	50.1	64.4	96.6#
44	4.3	2.8	4.2#

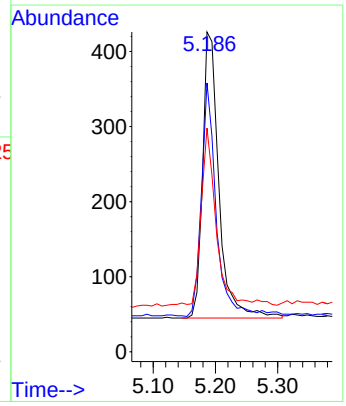




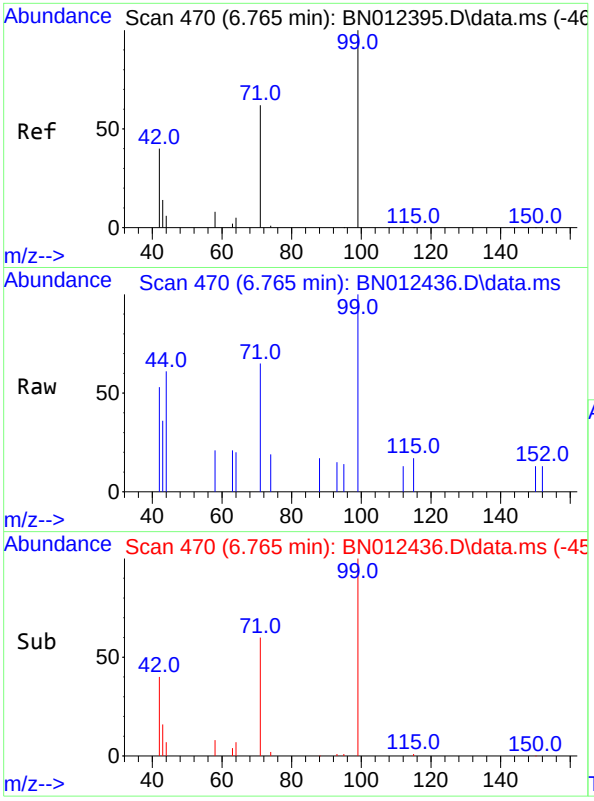
#4
2-Fluorophenol
Concen: 0.36 ng
RT: 5.186 min Scan# 274
Delta R.T. -0.008 min
Lab File: BN012436.D
Acq: 29 Oct 2020 13:55

Tgt Ion:112 Resp: 691

Ion	Ratio	Lower	Upper
112	100		
64	72.5	49.5	74.3
63	56.3	32.0	48.0#



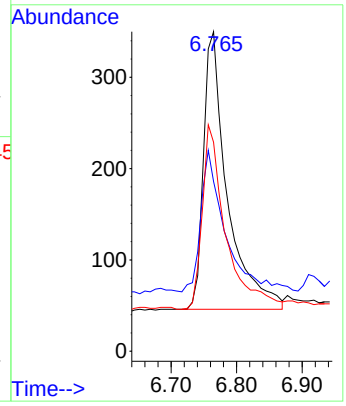
Instrument :
BNA_N
ClientSampleId :
PB132672BSD

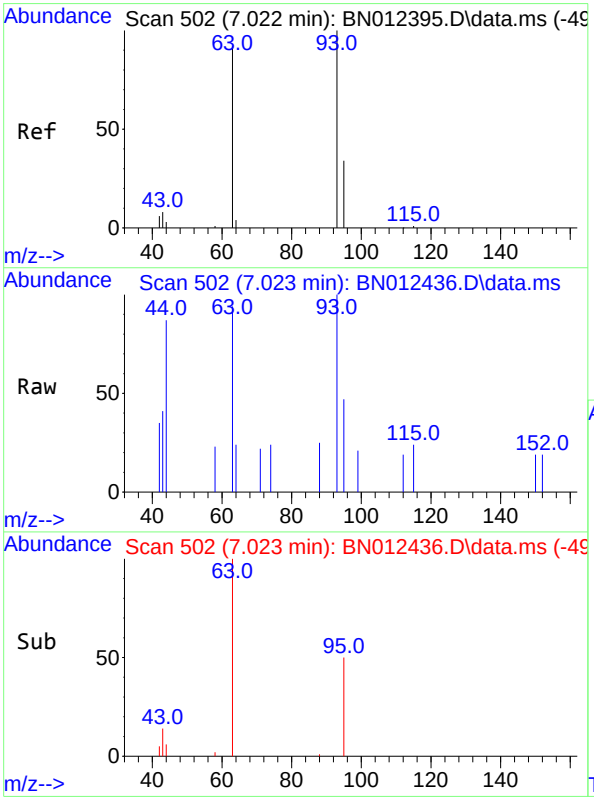


#5
Phenol-d6
Concen: 0.33 ng
RT: 6.765 min Scan# 470
Delta R.T. 0.000 min
Lab File: BN012436.D
Acq: 29 Oct 2020 13:55

Tgt Ion: 99 Resp: 766

Ion	Ratio	Lower	Upper
99	100		
42	51.0	22.4	33.6#
71	65.9	37.8	56.6#

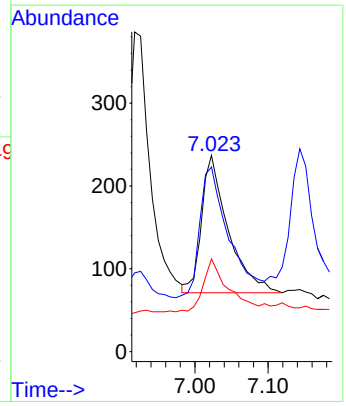




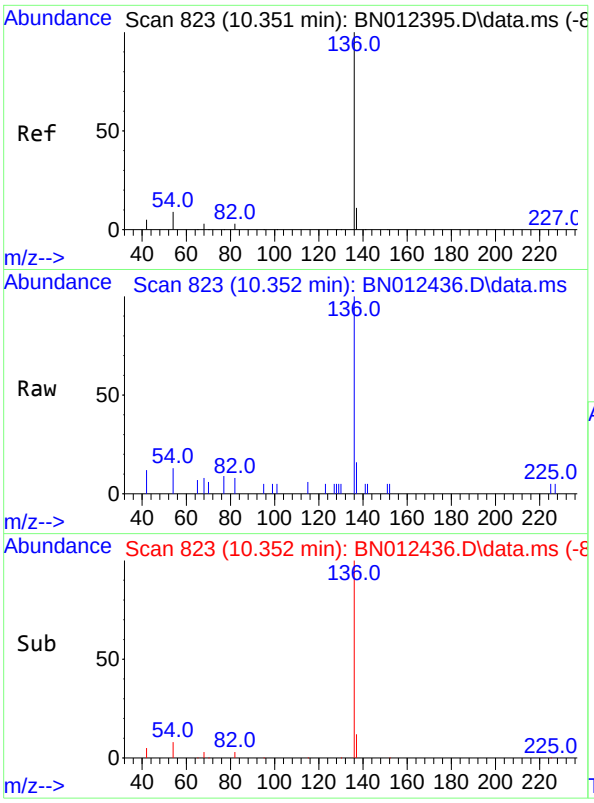
#6
bis(2-Chloroethyl)ether
Concen: 0.27 ng
RT: 7.023 min Scan# 502
Delta R.T. 0.000 min
Lab File: BN012436.D
Acq: 29 Oct 2020 13:55

Tgt Ion: 93 Resp: 418

Ion	Ratio	Lower	Upper
93	100		
63	106.0	63.1	94.7#
95	36.1	26.1	39.1



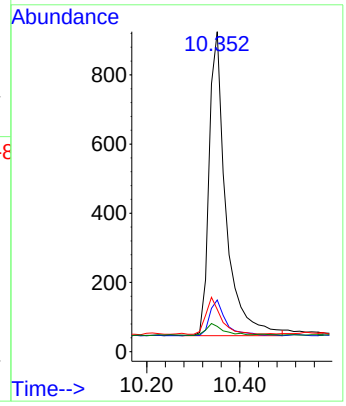
Instrument :
BNA_N
ClientSampleId :
PB132672BSD

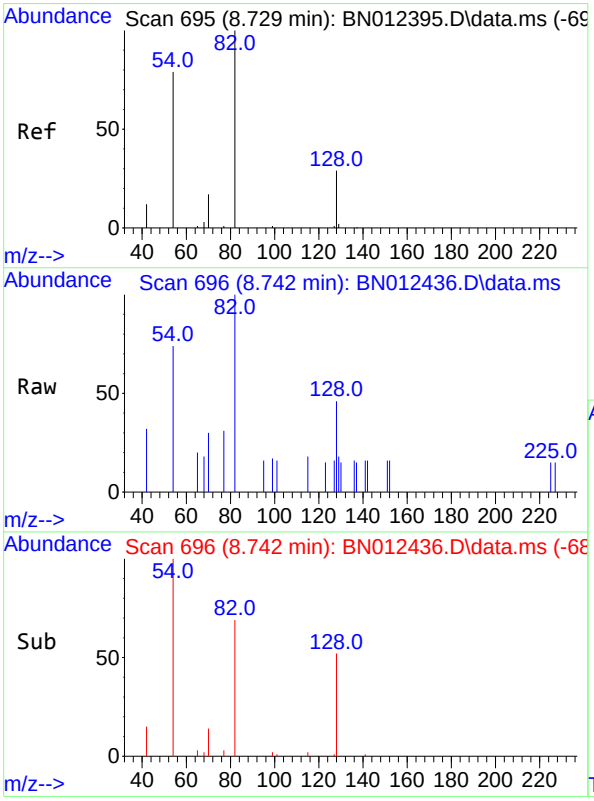


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.352 min Scan# 823
Delta R.T. 0.000 min
Lab File: BN012436.D
Acq: 29 Oct 2020 13:55

Tgt Ion:136 Resp: 2212

Ion	Ratio	Lower	Upper
136	100		
137	16.1	10.6	15.8#
54	13.2	8.6	12.8#
68	7.9	5.7	8.5

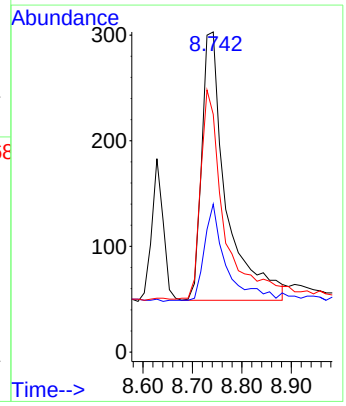




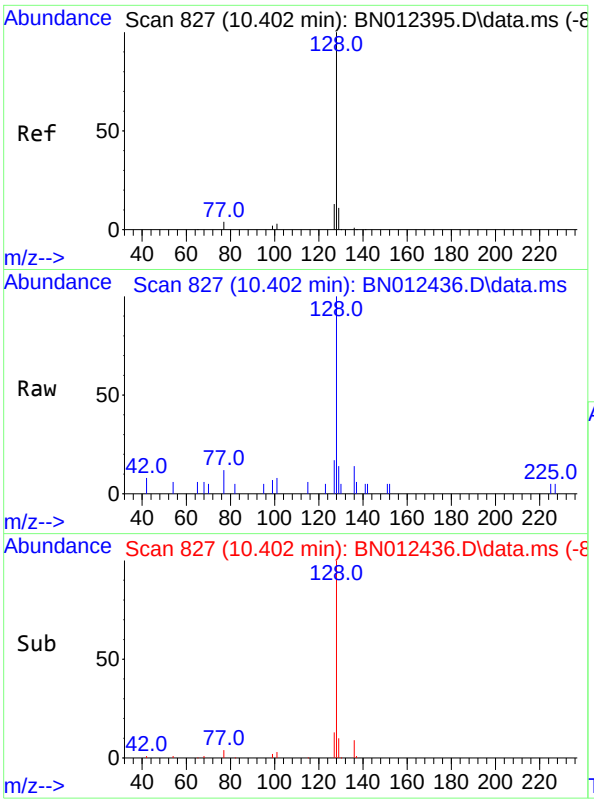
#8
Nitrobenzene-d5
Concen: 0.36 ng
RT: 8.742 min Scan# 696
Delta R.T. 0.013 min
Lab File: BN012436.D
Acq: 29 Oct 2020 13:55

Tgt Ion: 82 Resp: 874

Ion	Ratio	Lower	Upper
82	100		
128	46.2	30.6	46.0#
54	74.3	48.3	72.5#



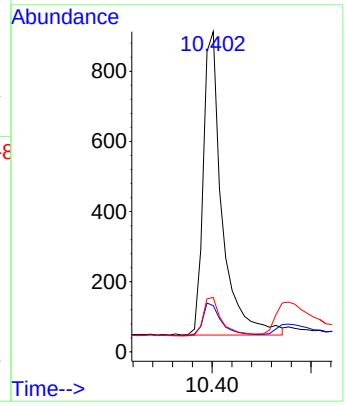
Instrument :
BNA_N
ClientSampleId :
PB132672BSD

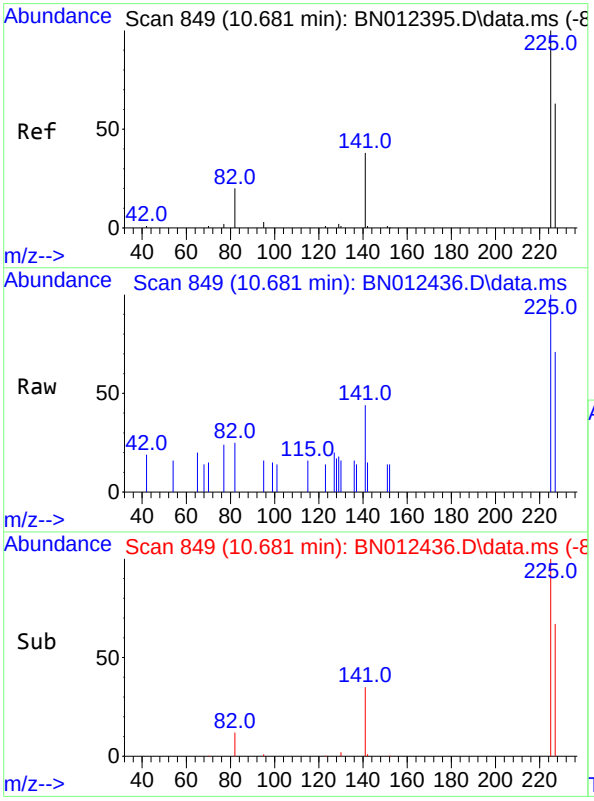


#9
Naphthalene
Concen: 0.37 ng
RT: 10.402 min Scan# 827
Delta R.T. 0.000 min
Lab File: BN012436.D
Acq: 29 Oct 2020 13:55

Tgt Ion:128 Resp: 2284

Ion	Ratio	Lower	Upper
128	100		
129	14.5	9.8	14.8
127	17.0	12.2	18.4

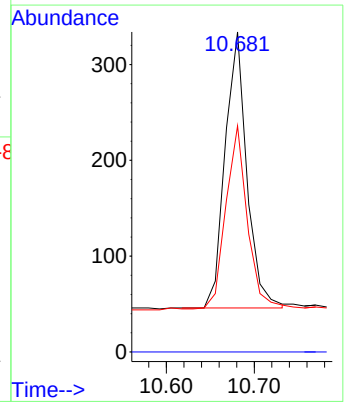




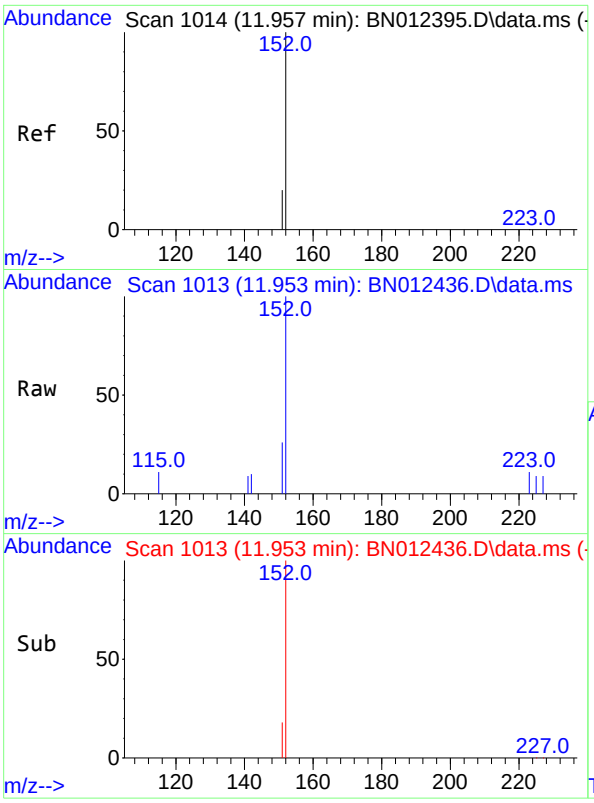
#10
Hexachlorobutadiene
Concen: 0.38 ng
RT: 10.681 min Scan# 849
Delta R.T. 0.000 min
Lab File: BN012436.D
Acq: 29 Oct 2020 13:55

Tgt Ion:225 Resp: 494

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	65.8	51.0	76.6



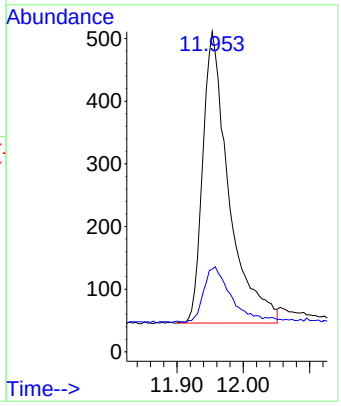
Instrument :
BNA_N
ClientSampleId :
PB132672BSD

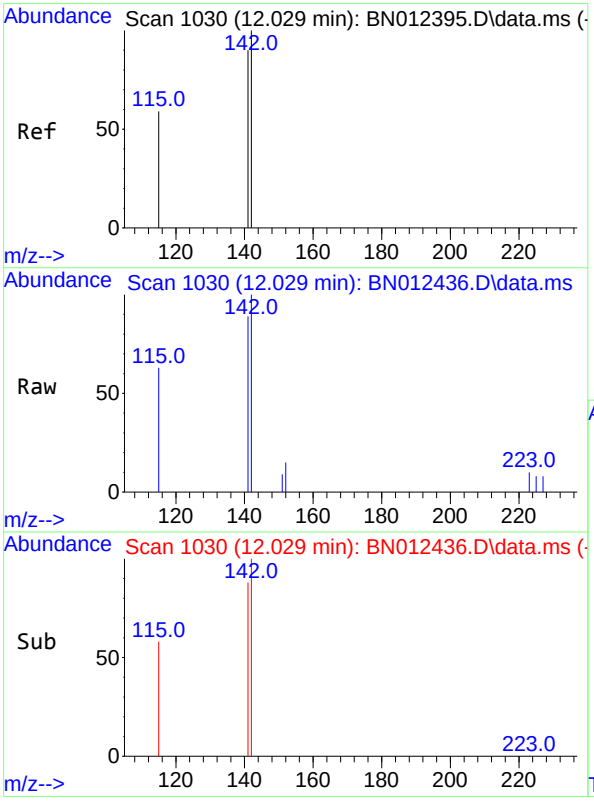


#11
2-Methylnaphthalene-d10
Concen: 0.36 ng
RT: 11.953 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BN012436.D
Acq: 29 Oct 2020 13:55

Tgt Ion:152 Resp: 1269

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.7	25.1

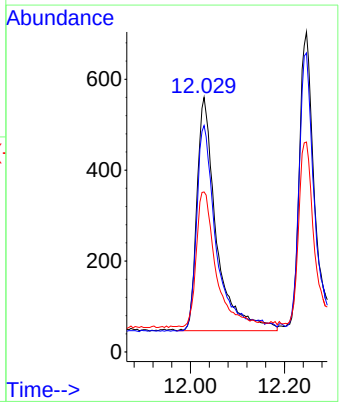




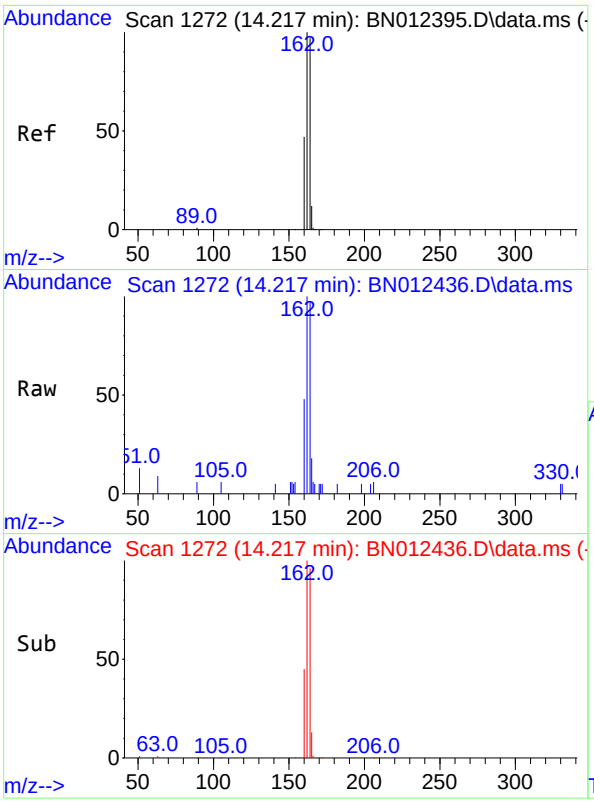
#12
2-Methylnaphthalene
Concen: 0.37 ng
RT: 12.029 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BN012436.D
Acq: 29 Oct 2020 13:55

Tgt Ion:142 Resp: 1480

Ion	Ratio	Lower	Upper
142	100		
141	88.9	69.4	104.2
115	62.9	35.7	53.5#



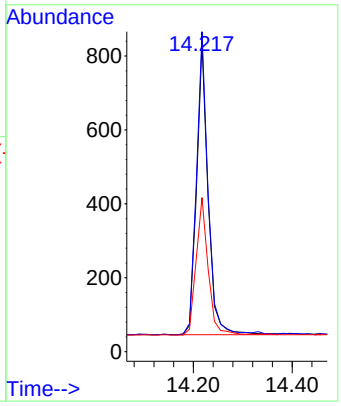
Instrument :
BNA_N
ClientSampleId :
PB132672BSD

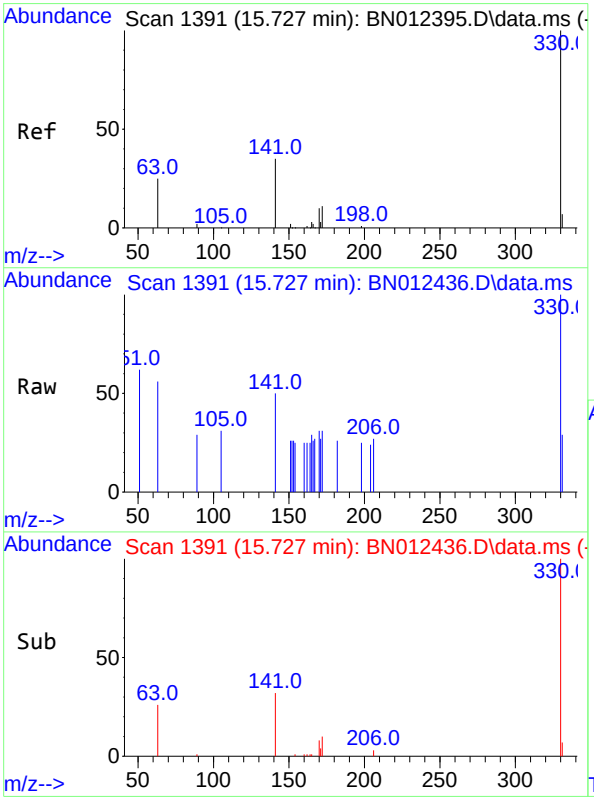


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.217 min Scan# 1272
Delta R.T. 0.000 min
Lab File: BN012436.D
Acq: 29 Oct 2020 13:55

Tgt Ion:164 Resp: 1280

Ion	Ratio	Lower	Upper
164	100		
162	103.6	80.6	120.8
160	49.9	39.5	59.3

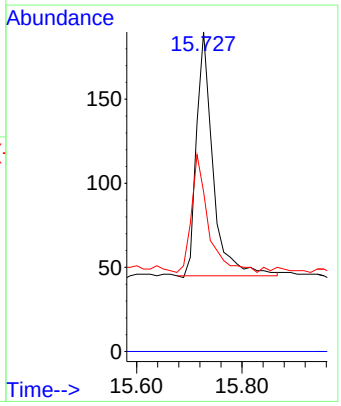




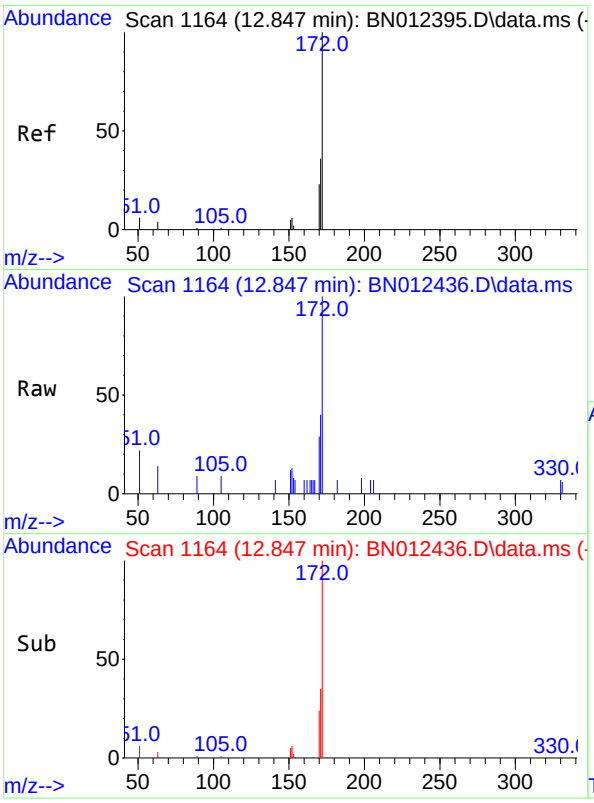
#14
2,4,6-Tribromophenol
Concen: 0.35 ng
RT: 15.727 min Scan# 1391
Delta R.T. 0.000 min
Lab File: BN012436.D
Acq: 29 Oct 2020 13:55

Tgt Ion:330 Resp: 315

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	49.2	34.4	51.6



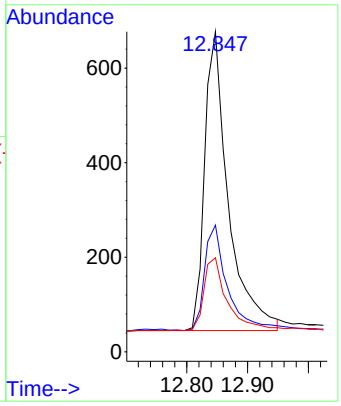
Instrument :
BNA_N
ClientSampleId :
PB132672BSD

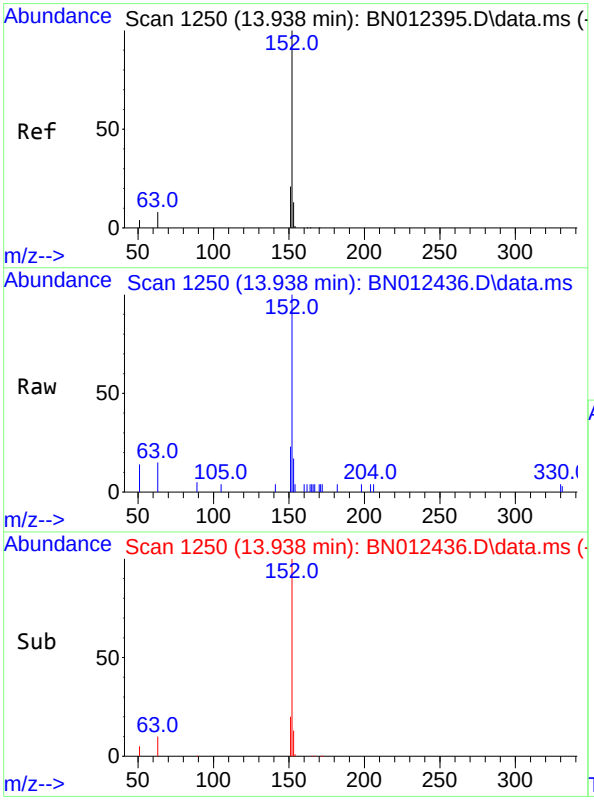


#15
2-Fluorobiphenyl
Concen: 0.36 ng
RT: 12.847 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BN012436.D
Acq: 29 Oct 2020 13:55

Tgt Ion:172 Resp: 1706

Ion	Ratio	Lower	Upper
172	100		
171	39.6	28.2	42.4
170	29.4	20.0	30.0

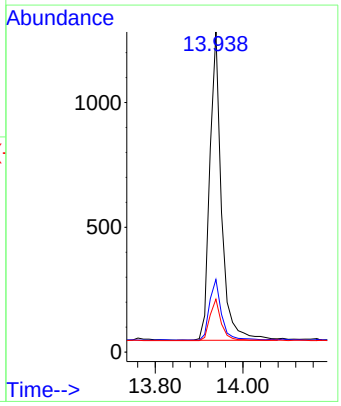




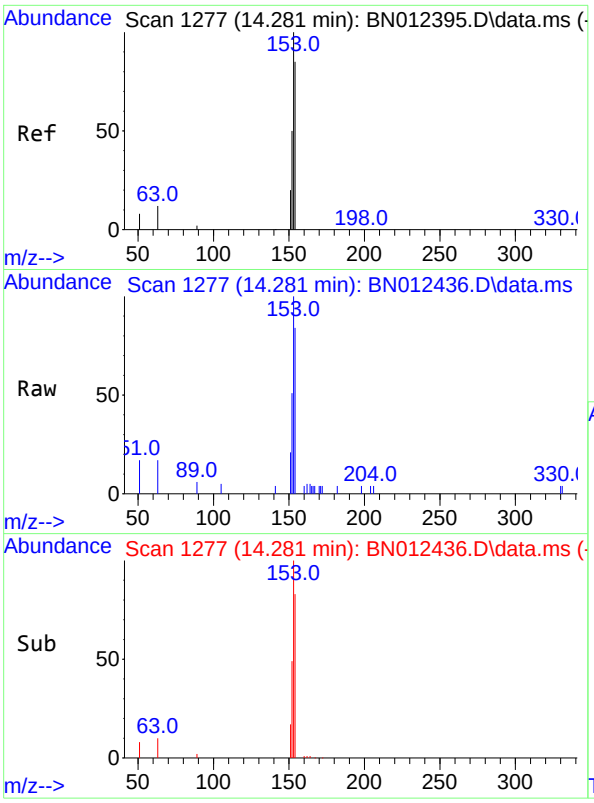
#16
Acenaphthylene
Concen: 0.36 ng
RT: 13.938 min Scan# 1250
Delta R.T. 0.000 min
Lab File: BN012436.D
Acq: 29 Oct 2020 13:55

Tgt Ion:152 Resp: 2281

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.8
153	13.2	10.6	16.0



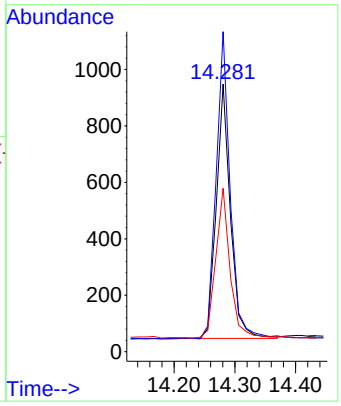
Instrument :
BNA_N
ClientSampleId :
PB132672BSD

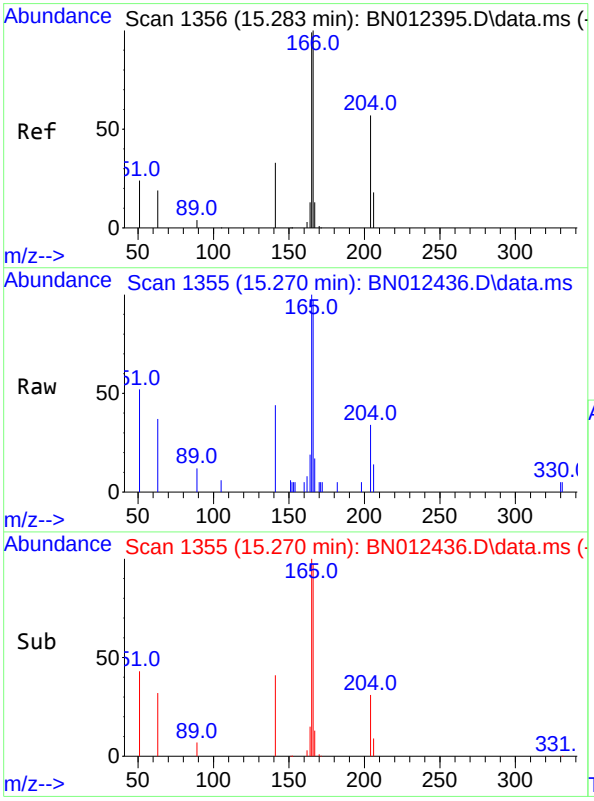


#17
Acenaphthene
Concen: 0.36 ng
RT: 14.281 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BN012436.D
Acq: 29 Oct 2020 13:55

Tgt Ion:154 Resp: 1455

Ion	Ratio	Lower	Upper
154	100		
153	121.2	83.6	125.4
152	59.1	43.9	65.9

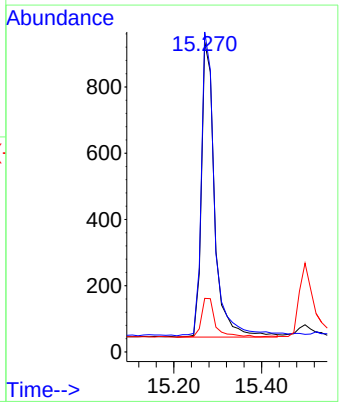




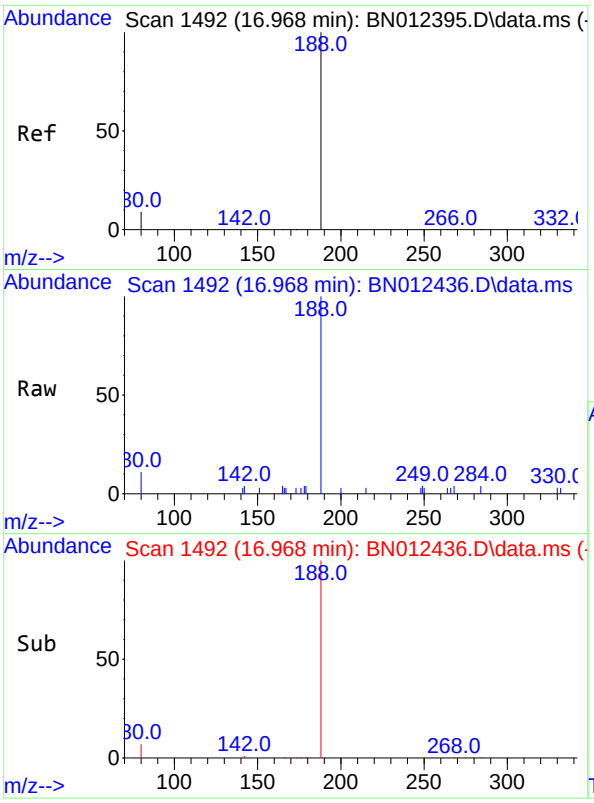
#18
Fluorene
Concen: 0.36 ng
RT: 15.270 min Scan# 1355
Delta R.T. -0.013 min
Lab File: BN012436.D
Acq: 29 Oct 2020 13:55

Tgt Ion:166 Resp: 1860

Ion	Ratio	Lower	Upper
166	100		
165	101.9	78.6	118.0
167	13.9	10.7	16.1



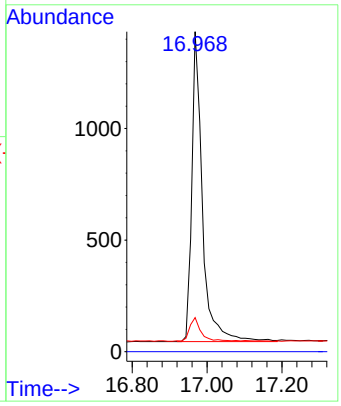
Instrument :
BNA_N
ClientSampleId :
PB132672BSD

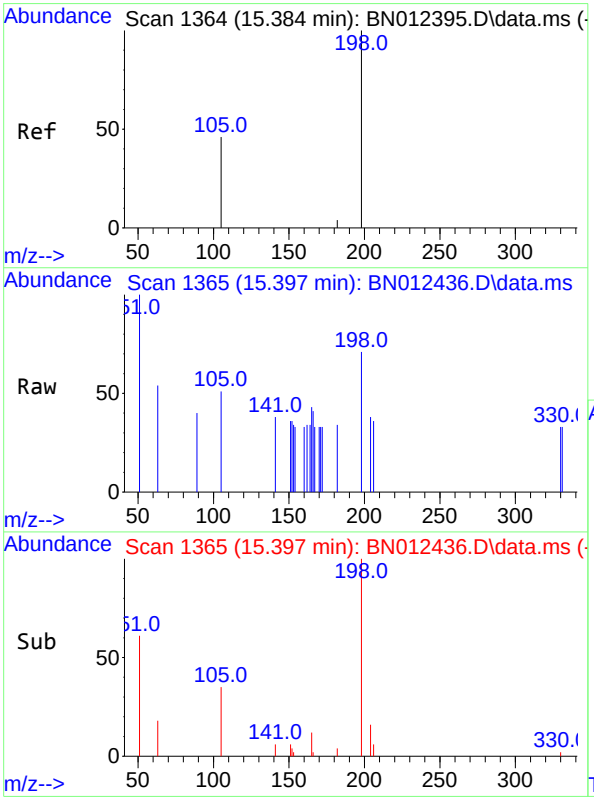


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.968 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BN012436.D
Acq: 29 Oct 2020 13:55

Tgt Ion:188 Resp: 2738

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.7	5.0	7.4#

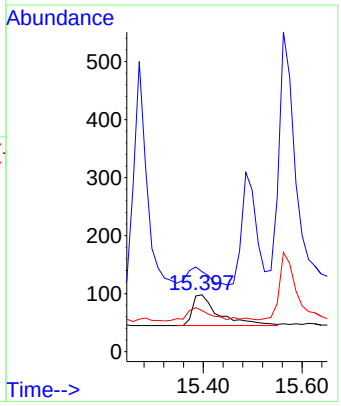




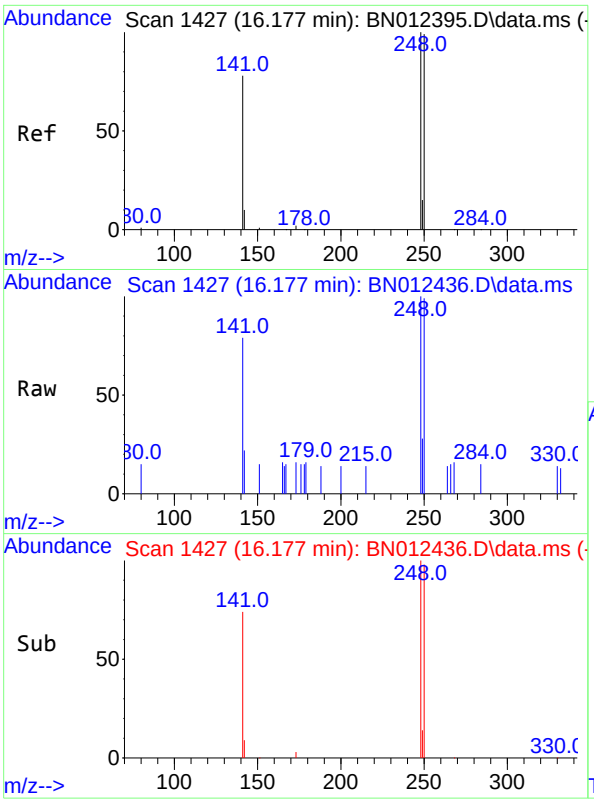
#20
4,6-Dinitro-2-methylphenol
Concen: 0.31 ng
RT: 15.397 min Scan# 1365
Delta R.T. 0.000 min
Lab File: BN012436.D
Acq: 29 Oct 2020 13:55

Tgt Ion:198 Resp: 195

Ion	Ratio	Lower	Upper
198	100		
51	140.8	43.5	65.3#
105	72.4	27.2	40.8#



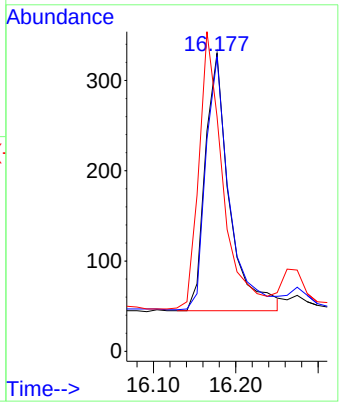
Instrument :
BNA_N
ClientSampleId :
PB132672BSD

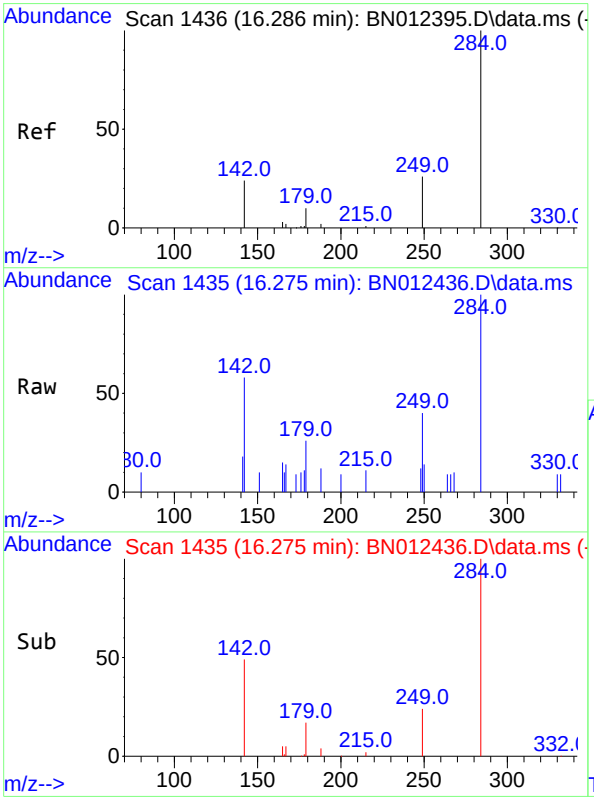


#21
4-Bromophenyl-phenylether
Concen: 0.35 ng
RT: 16.177 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BN012436.D
Acq: 29 Oct 2020 13:55

Tgt Ion:248 Resp: 580

Ion	Ratio	Lower	Upper
248	100		
250	98.8	77.3	115.9
141	78.8	57.8	86.8

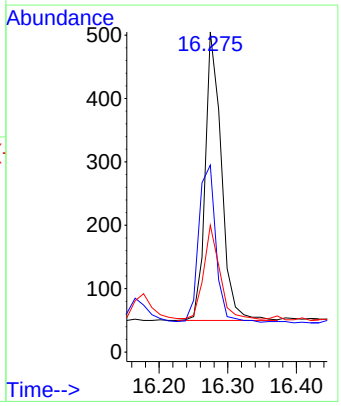




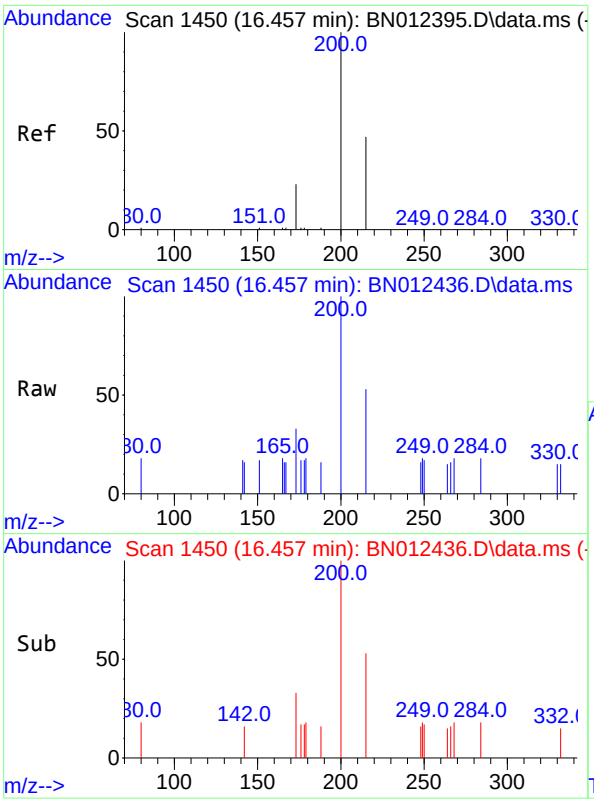
#22
Hexachlorobenzene
Concen: 0.37 ng
RT: 16.275 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BN012436.D
Acq: 29 Oct 2020 13:55

Tgt Ion:284 Resp: 744

Ion	Ratio	Lower	Upper
284	100		
142	59.8	32.0	48.0#
249	32.1	27.0	40.6



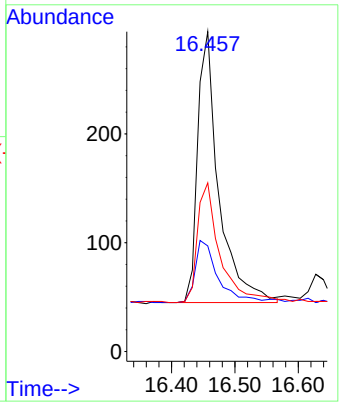
Instrument :
BNA_N
ClientSampleId :
PB132672BSD

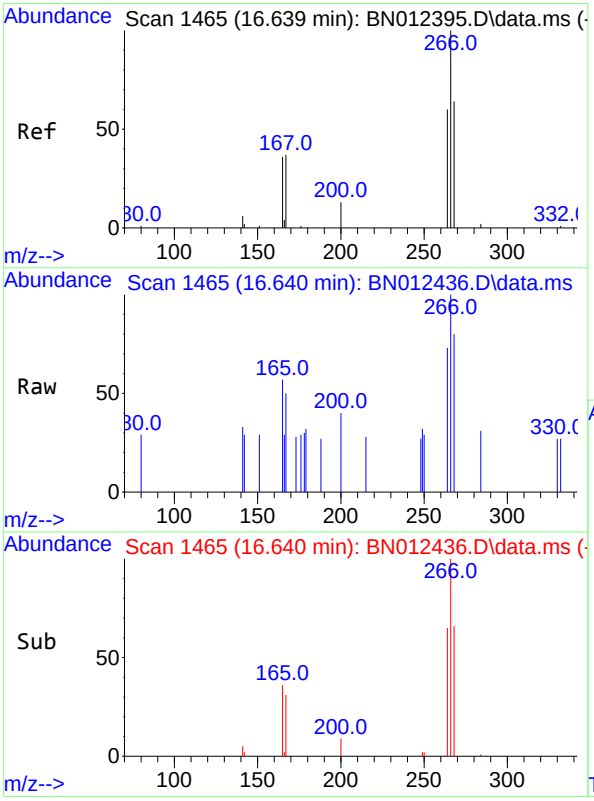


#23
Atrazine
Concen: 0.36 ng
RT: 16.457 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BN012436.D
Acq: 29 Oct 2020 13:55

Tgt Ion:200 Resp: 577

Ion	Ratio	Lower	Upper
200	100		
173	33.0	22.8	34.2
215	52.7	38.1	57.1

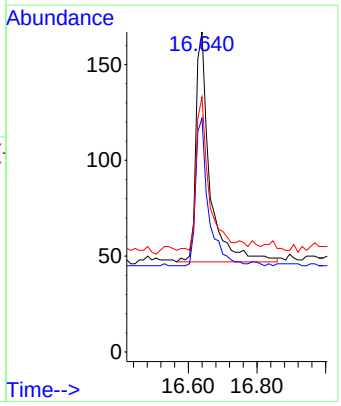




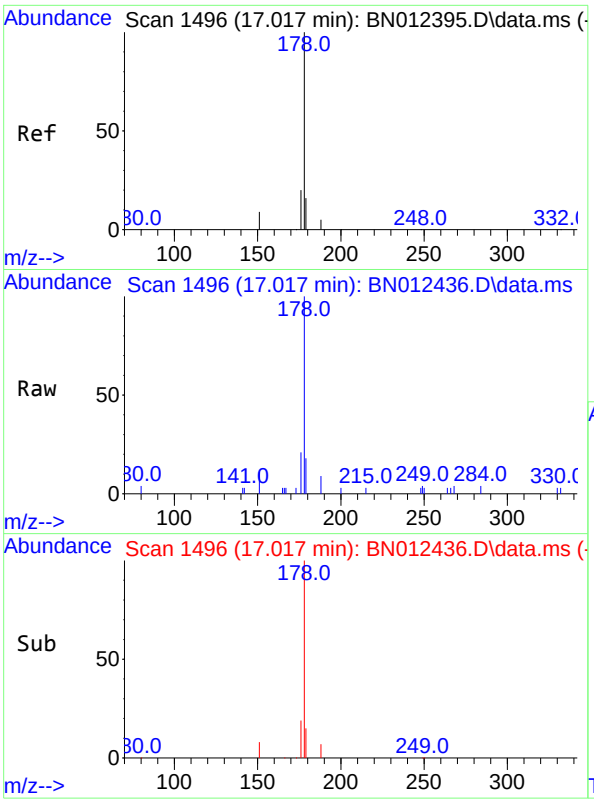
#24
Pentachlorophenol
Concen: 0.36 ng
RT: 16.640 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BN012436.D
Acq: 29 Oct 2020 13:55

Tgt Ion:266 Resp: 336

Ion	Ratio	Lower	Upper
266	100		
264	58.9	50.9	76.3
268	61.9	51.5	77.3



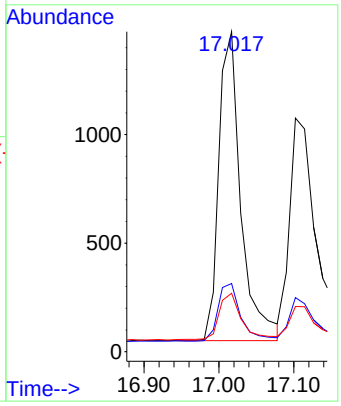
Instrument :
BNA_N
ClientSampleId :
PB132672BSD

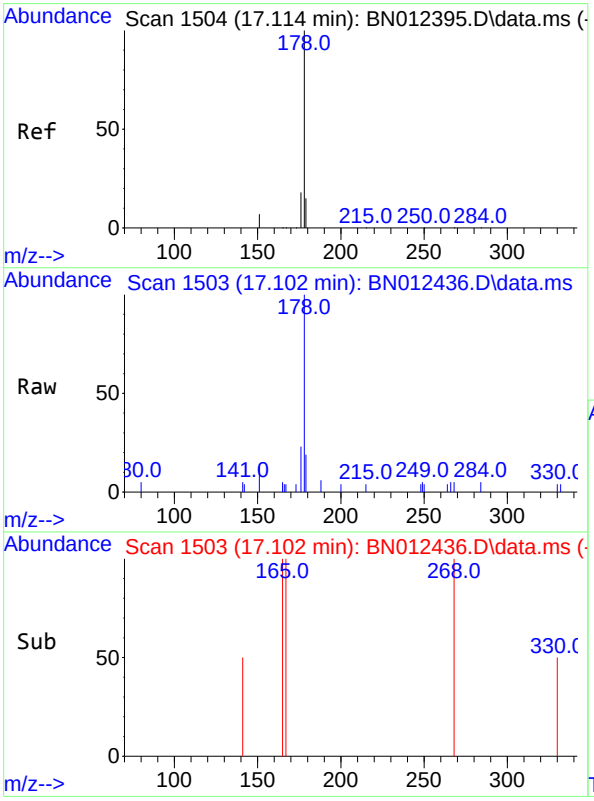


#25
Phenanthrene
Concen: 0.37 ng
RT: 17.017 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BN012436.D
Acq: 29 Oct 2020 13:55

Tgt Ion:178 Resp: 2919

Ion	Ratio	Lower	Upper
178	100		
176	19.4	14.8	22.2
179	15.8	12.4	18.6

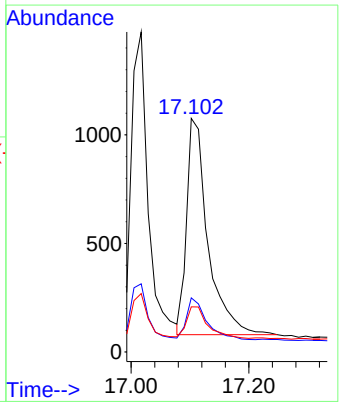




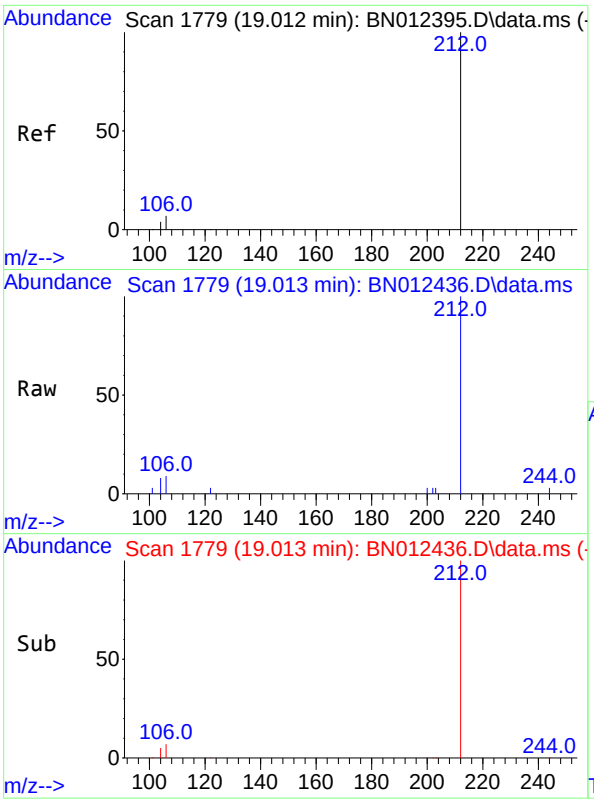
#26
Anthracene
Concen: 0.34 ng
RT: 17.102 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BN012436.D
Acq: 29 Oct 2020 13:55

Tgt Ion:178 Resp: 2505

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.8	22.2
179	15.0	12.5	18.7



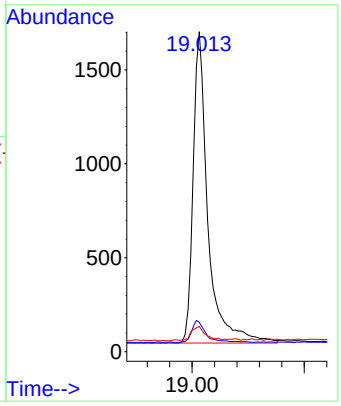
Instrument :
BNA_N
ClientSampleId :
PB132672BSD

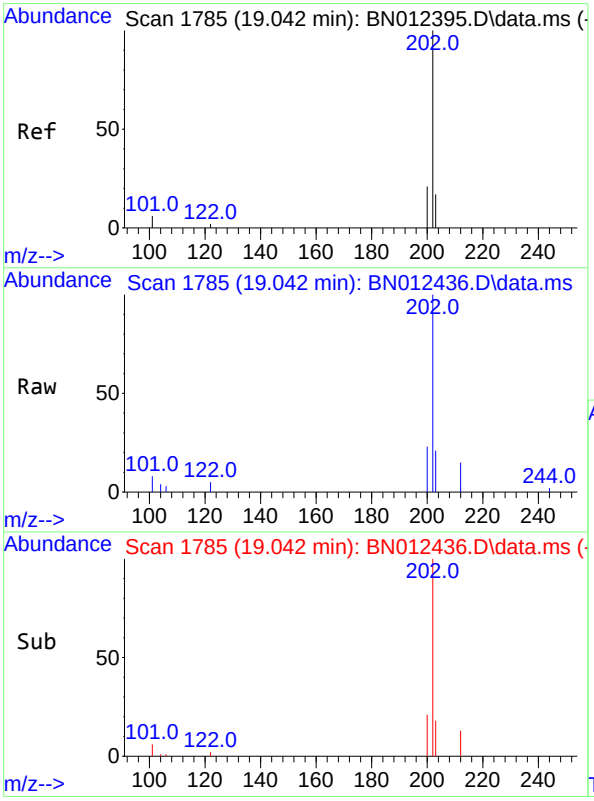


#27
Fluoranthene-d10
Concen: 0.36 ng
RT: 19.013 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BN012436.D
Acq: 29 Oct 2020 13:55

Tgt Ion:212 Resp: 3023

Ion	Ratio	Lower	Upper
212	100		
106	6.7	6.8	10.2#
104	4.3	4.1	6.1

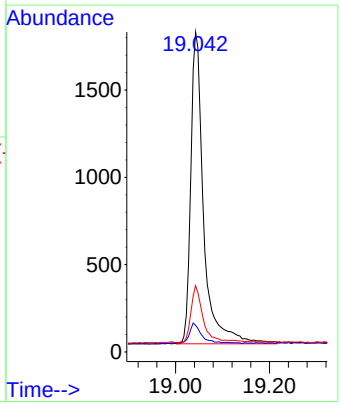




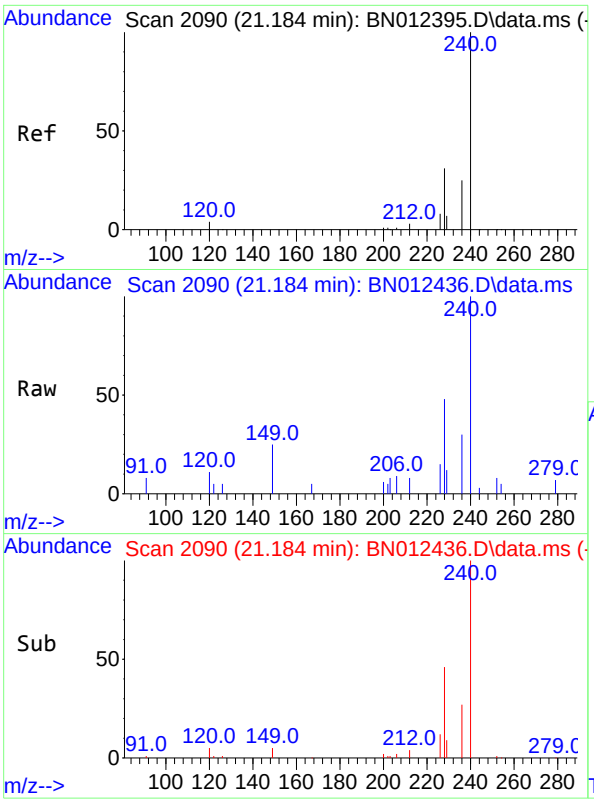
#28
Fluoranthene
Concen: 0.36 ng
RT: 19.042 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BN012436.D
Acq: 29 Oct 2020 13:55

Tgt Ion:202 Resp: 3406

Ion	Ratio	Lower	Upper
202	100		
101	6.1	5.8	8.6
203	17.4	13.7	20.5



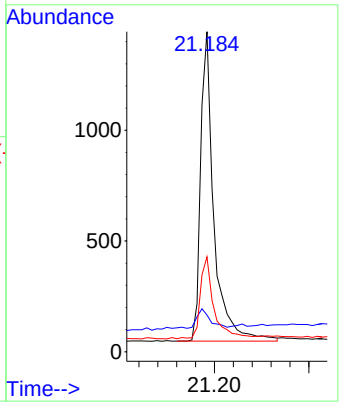
Instrument :
BNA_N
ClientSampleId :
PB132672BSD

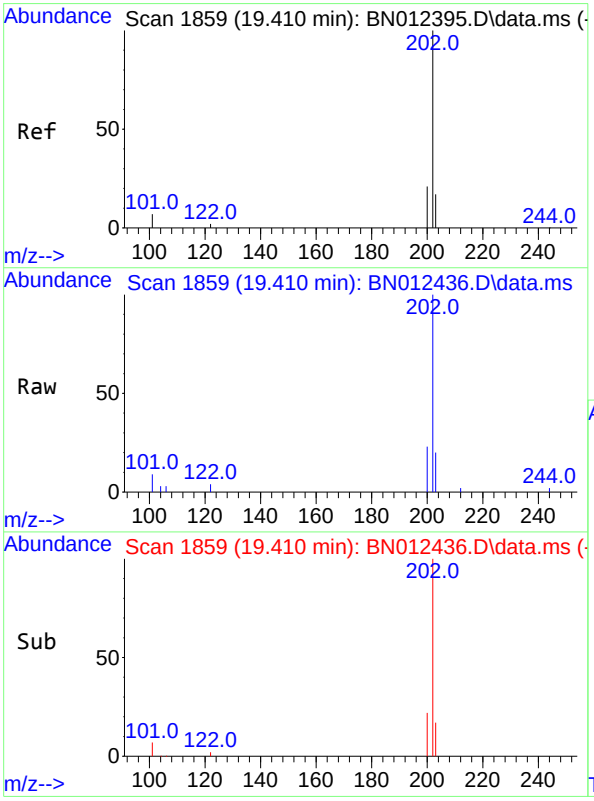


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.184 min Scan# 2090
Delta R.T. 0.011 min
Lab File: BN012436.D
Acq: 29 Oct 2020 13:55

Tgt Ion:240 Resp: 2727

Ion	Ratio	Lower	Upper
240	100		
120	11.5	5.3	7.9#
236	29.7	21.8	32.8

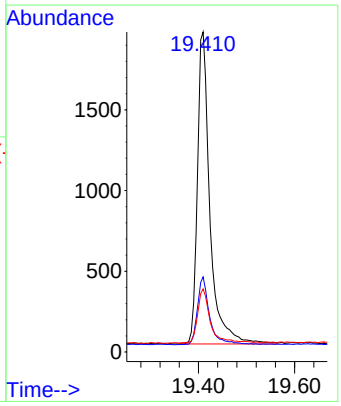




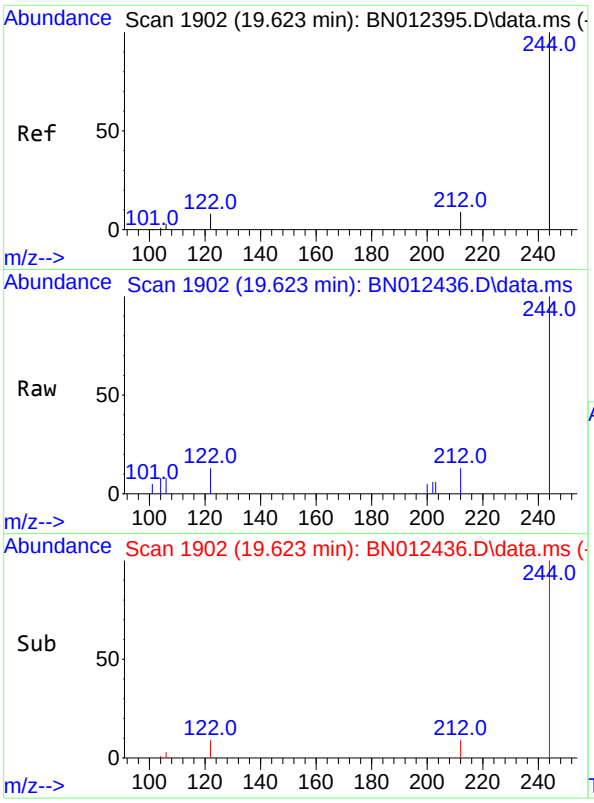
#30
Pyrene
Concen: 0.38 ng
RT: 19.410 min Scan# 1859
Delta R.T. 0.000 min
Lab File: BN012436.D
Acq: 29 Oct 2020 13:55

Tgt Ion:202 Resp: 3494

Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.6	24.8
203	17.2	13.8	20.8



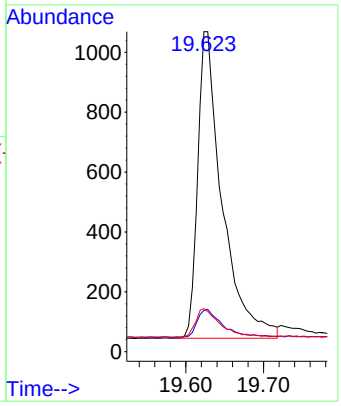
Instrument :
BNA_N
ClientSampleId :
PB132672BSD

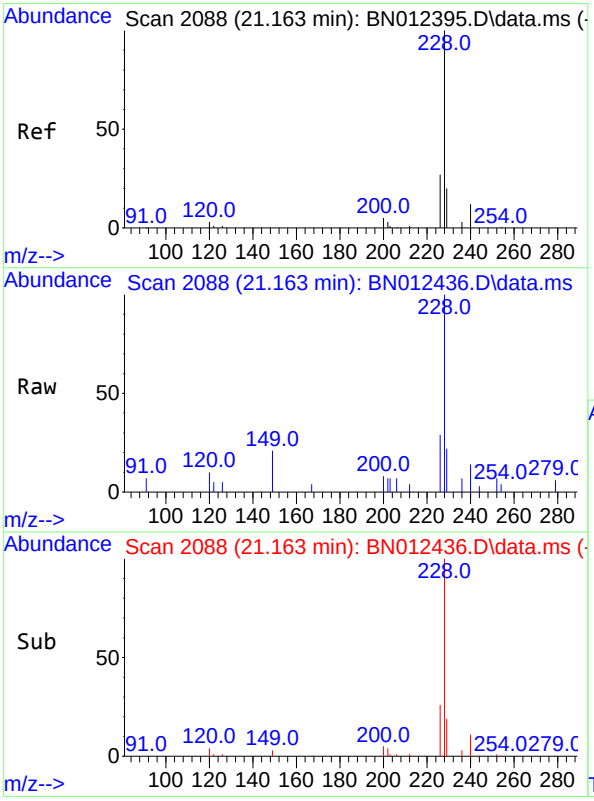


#31
Terphenyl-d14
Concen: 0.35 ng
RT: 19.623 min Scan# 1902
Delta R.T. 0.000 min
Lab File: BN012436.D
Acq: 29 Oct 2020 13:55

Tgt Ion:244 Resp: 2238

Ion	Ratio	Lower	Upper
244	100		
212	12.9	7.3	10.9#
122	13.5	7.3	10.9#

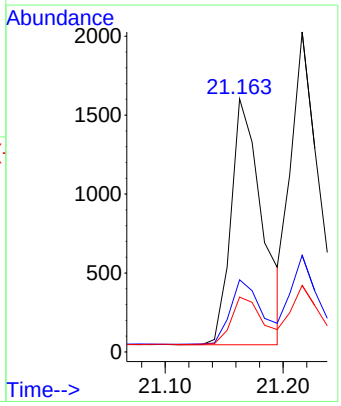




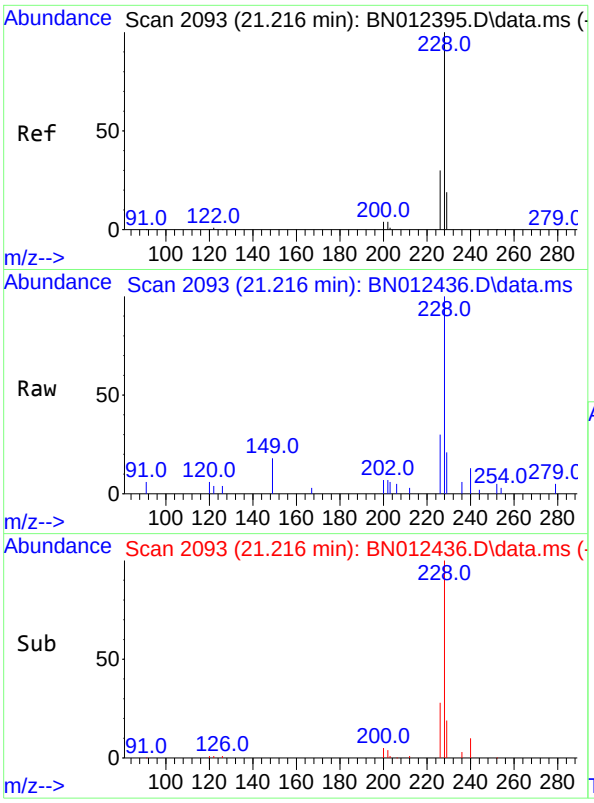
#32
Benzo(a)anthracene
Concen: 0.35 ng
RT: 21.163 min Scan# 2088
Delta R.T. 0.000 min
Lab File: BN012436.D
Acq: 29 Oct 2020 13:55

Tgt Ion:228 Resp: 2873

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.3	33.5
229	21.7	15.7	23.5



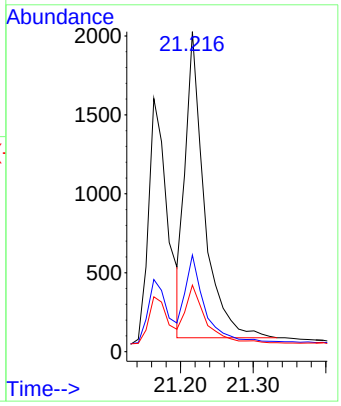
Instrument :
BNA_N
ClientSampleId :
PB132672BSD

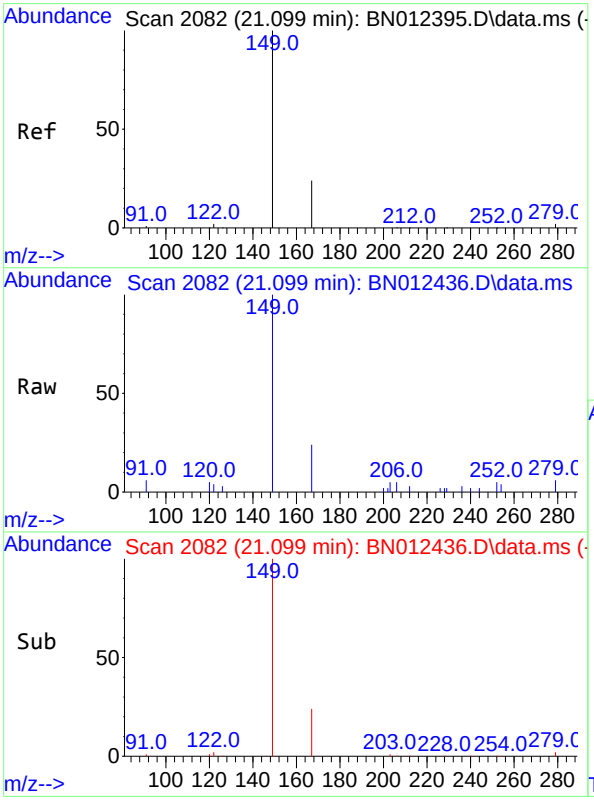


#33
Chrysene
Concen: 0.38 ng
RT: 21.216 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BN012436.D
Acq: 29 Oct 2020 13:55

Tgt Ion:228 Resp: 3519

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.2
229	20.8	15.7	23.5

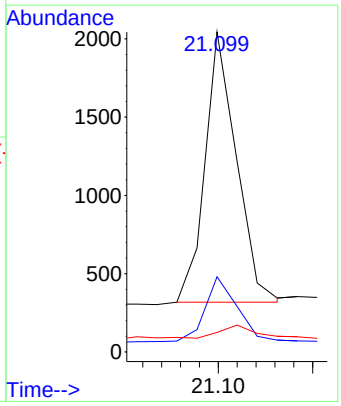




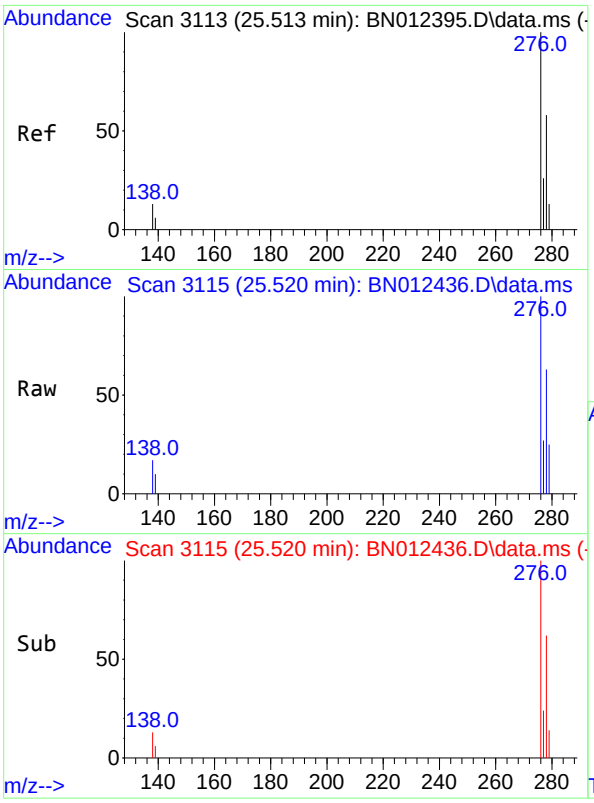
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.37 ng
RT: 21.099 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BN012436.D
Acq: 29 Oct 2020 13:55

Tgt Ion:149 Resp: 1991

Ion	Ratio	Lower	Upper
149	100		
167	23.8	23.2	34.8
279	5.5	3.9	5.9



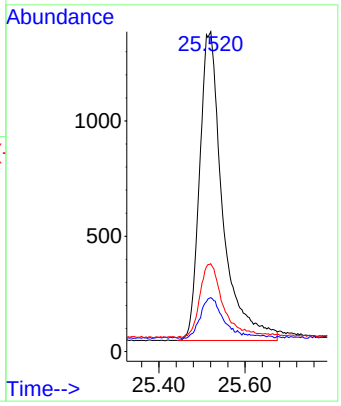
Instrument :
BNA_N
ClientSampleId :
PB132672BSD

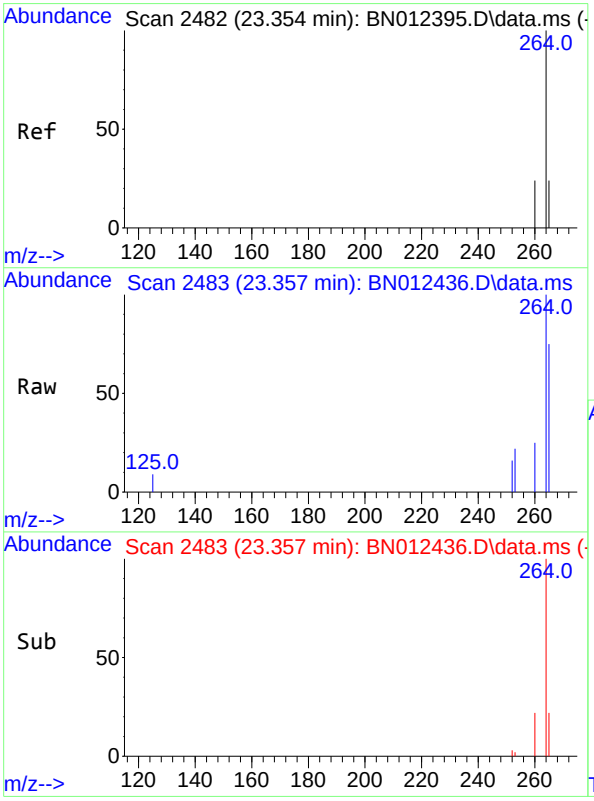


#35
Indeno(1,2,3-cd)pyrene
Concen: 0.37 ng
RT: 25.520 min Scan# 3115
Delta R.T. 0.010 min
Lab File: BN012436.D
Acq: 29 Oct 2020 13:55

Tgt Ion:276 Resp: 4972

Ion	Ratio	Lower	Upper
276	100		
138	12.1	13.3	19.9#
277	24.1	20.2	30.4

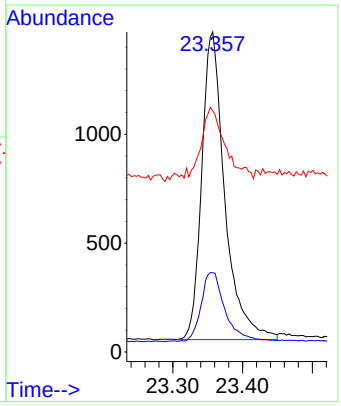




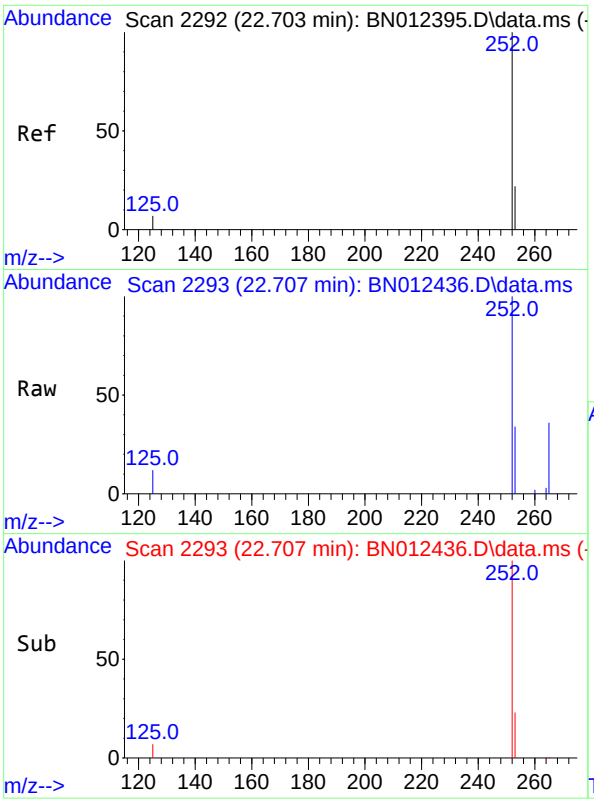
#36
Perylene-d12
Concen: 0.40 ng
RT: 23.357 min Scan# 2483
Delta R.T. 0.004 min
Lab File: BN012436.D
Acq: 29 Oct 2020 13:55

Tgt Ion:264 Resp: 3242

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.8	29.6
265	75.4	51.4	77.0



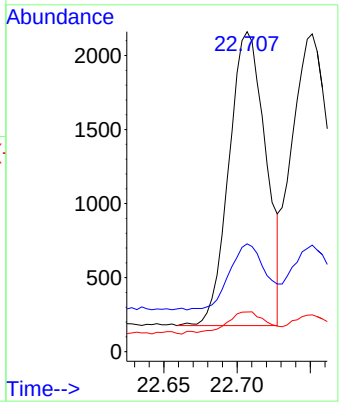
Instrument :
BNA_N
ClientSampleId :
PB132672BSD

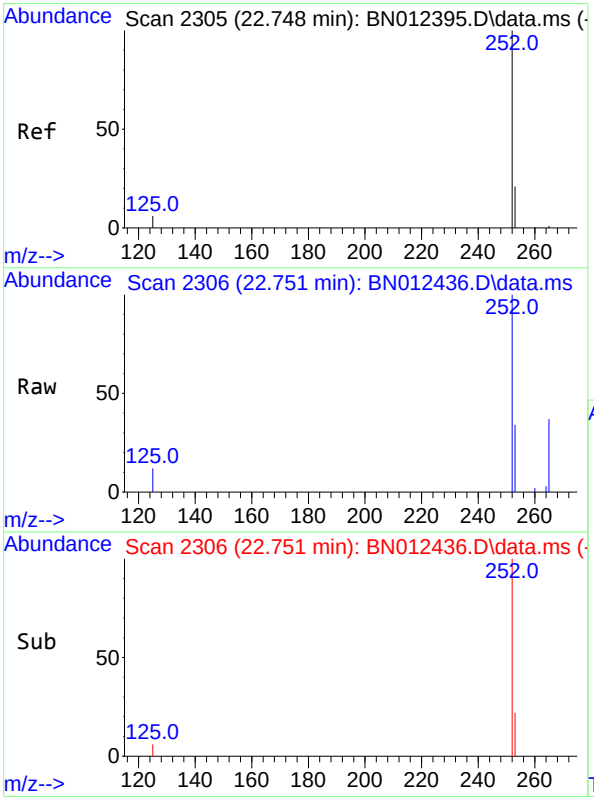


#37
Benzo(b)fluoranthene
Concen: 0.34 ng
RT: 22.707 min Scan# 2293
Delta R.T. 0.004 min
Lab File: BN012436.D
Acq: 29 Oct 2020 13:55

Tgt Ion:252 Resp: 3462

Ion	Ratio	Lower	Upper
252	100		
253	33.7	20.1	30.1#
125	12.4	7.2	10.8#

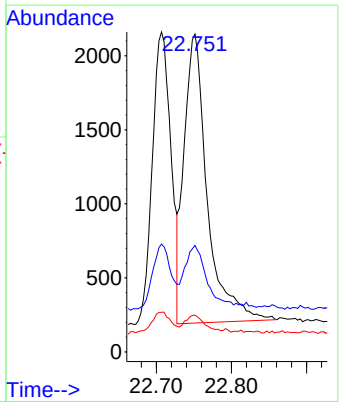




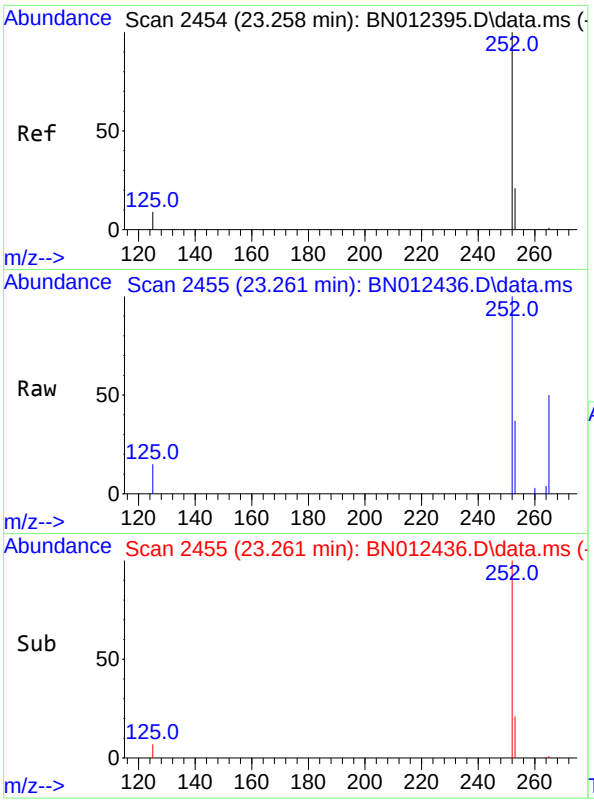
#38
Benzo(k)fluoranthene
Concen: 0.38 ng
RT: 22.751 min Scan# 2306
Delta R.T. 0.004 min
Lab File: BN012436.D
Acq: 29 Oct 2020 13:55

Tgt Ion:252 Resp: 4187

Ion	Ratio	Lower	Upper
252	100		
253	33.5	19.8	29.8#
125	11.6	7.1	10.7#



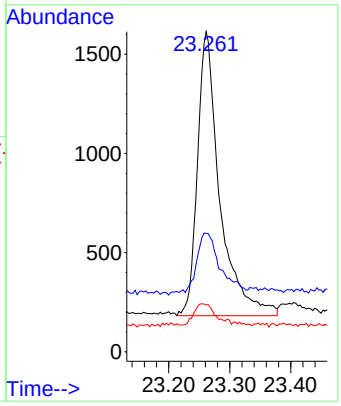
Instrument :
BNA_N
ClientSampleId :
PB132672BSD

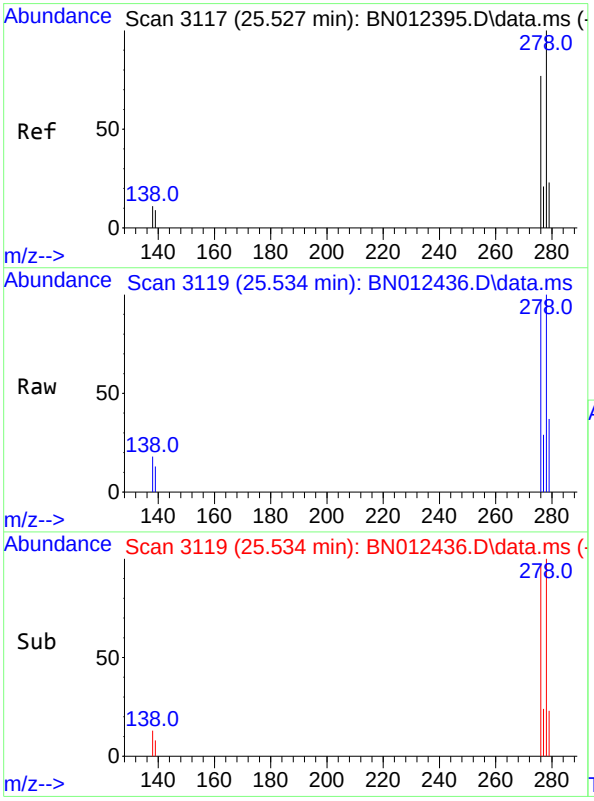


#39
Benzo(a)pyrene
Concen: 0.37 ng
RT: 23.261 min Scan# 2455
Delta R.T. 0.000 min
Lab File: BN012436.D
Acq: 29 Oct 2020 13:55

Tgt Ion:252 Resp: 3646

Ion	Ratio	Lower	Upper
252	100		
253	37.0	21.3	31.9#
125	14.6	8.3	12.5#

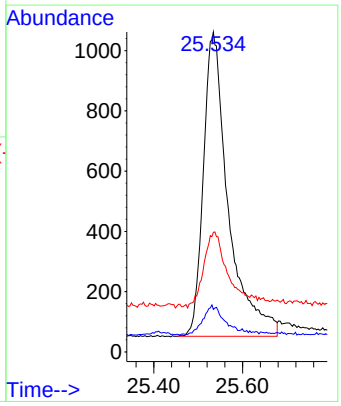


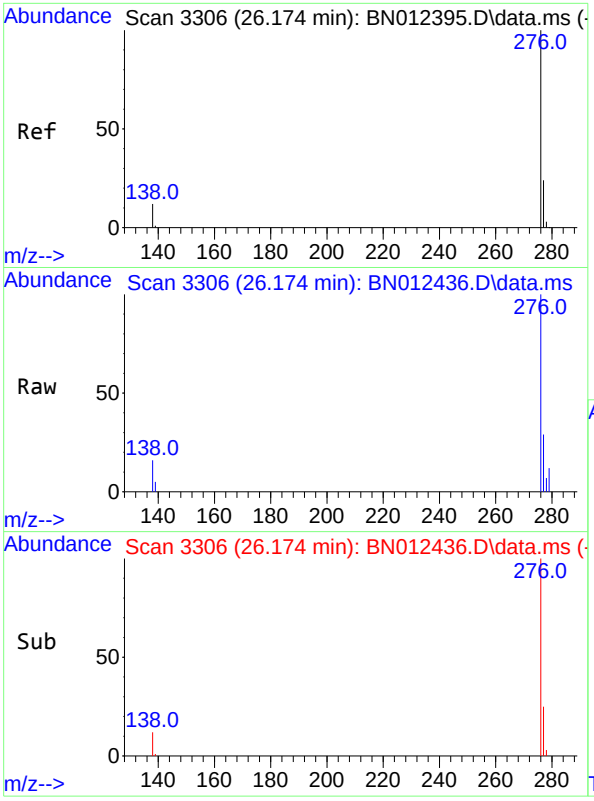


#40
Dibenzo(a,h)anthracene
Concen: 0.35 ng
RT: 25.534 min Scan# 3119
Delta R.T. 0.007 min
Lab File: BN012436.D
Acq: 29 Oct 2020 13:55

Tgt Ion:278 Resp: 3926

Ion	Ratio	Lower	Upper
278	100		
139	13.3	9.3	13.9
279	37.4	21.6	32.4#

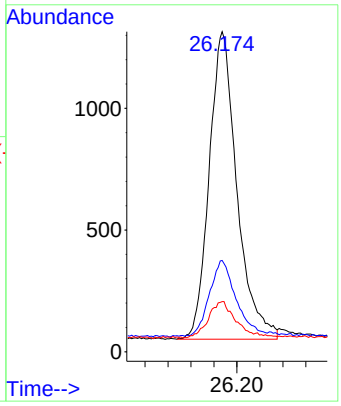




#41
Benzo(g,h,i)perylene
Concen: 0.36 ng
RT: 26.174 min Scan# 3306
Delta R.T. 0.004 min
Lab File: BN012436.D
Acq: 29 Oct 2020 13:55

Tgt Ion:276 Resp: 4230

Ion	Ratio	Lower	Upper
276	100		
277	28.5	19.8	29.8
138	15.7	11.7	17.5



Instrument :
BNA_N
ClientSampleId :
PB132672BSD