Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121120\
Data File : BN013074.D
Acq On : 12 Dec 2020 04:08
Operator : CG/JU
Sample : PB133531BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB133531BS

Quant Time: Dec 12 04:45:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 11 01:53:51 2020
Response via : Initial Calibration

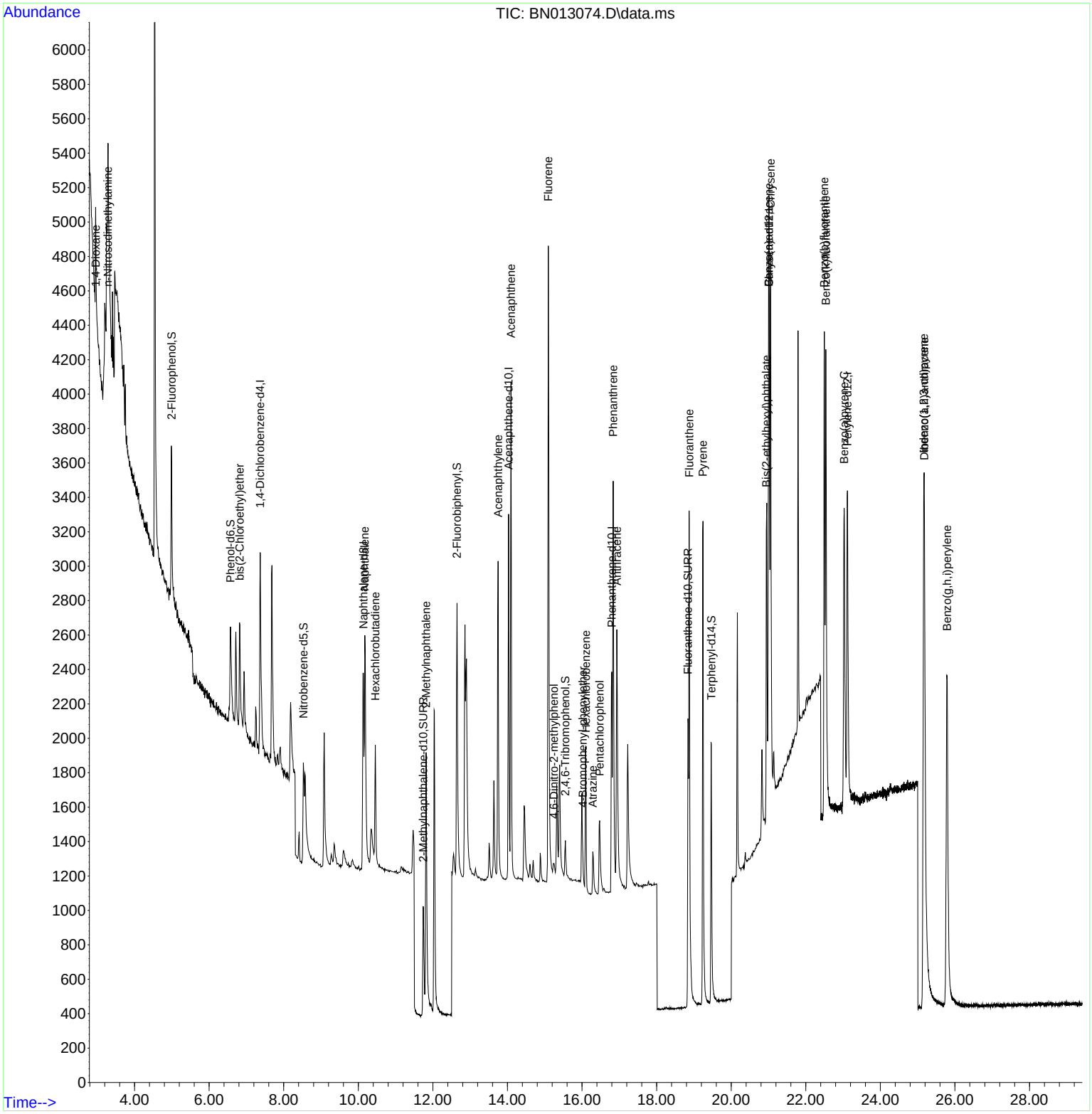
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.370	152	703	0.40	ng		0.00
7) Naphthalene-d8	10.137	136	2304	0.40	ng		# 0.00
13) Acenaphthene-d10	14.029	164	1299	0.40	ng		0.00
19) Phenanthrene-d10	16.800	188	2694	0.40	ng		# 0.00
29) Chrysene-d12	21.016	240	2518	0.40	ng		# 0.00
36) Perylene-d12	23.116	264	2815	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	4.994	112	797	0.32	ng		0.00
5) Phenol-d6	6.573	99	750	0.26	ng		0.00
8) Nitrobenzene-d5	8.528	82	815	0.33	ng		0.00
11) 2-Methylnaphthalene-d10	11.742	152	1370	0.33	ng		0.00
14) 2,4,6-Tribromophenol	15.551	330	212	0.25	ng		0.00
15) 2-Fluorobiphenyl	12.646	172	2023	0.35	ng		0.00
27) Fluoranthene-d10	18.841	212	2869	0.32	ng		0.00
31) Terphenyl-d14	19.466	244	2372	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.957	88	482	0.27	ng	#	29
3) n-Nitrosodimethylamine	3.287	42	925	0.50	ng	#	63
6) bis(2-Chloroethyl)ether	6.822	93	580	0.30	ng		87
9) Naphthalene	10.175	128	2397	0.34	ng	#	93
10) Hexachlorobutadiene	10.454	225	563	0.37	ng	#	99
12) 2-Methylnaphthalene	11.817	142	1632	0.34	ng		93
16) Acenaphthylene	13.750	152	2349	0.34	ng		99
17) Acenaphthene	14.092	154	1508	0.35	ng		91
18) Fluorene	15.095	166	1969	0.34	ng		98
20) 4,6-Dinitro-2-methylph...	15.247	198	157	0.33	ng	#	1
21) 4-Bromophenyl-phenylether	16.021	248	277	0.44	ng		95
22) Hexachlorobenzene	16.106	284	728	0.37	ng		96
23) Atrazine	16.289	200	356	0.22	ng	#	78
24) Pentachlorophenol	16.471	266	396	0.48	ng		93
25) Phenanthrene	16.836	178	2954	0.33	ng		99
26) Anthracene	16.934	178	2593	0.33	ng		99
28) Fluoranthene	18.876	202	3419	0.31	ng		99
30) Pyrene	19.243	202	3452	0.37	ng		98
32) Benzo(a)anthracene	21.006	228	2837	0.31	ng		97
33) Chrysene	21.059	228	3574	0.37	ng		99
34) Bis(2-ethylhexyl)phtha...	20.942	149	1492	0.27	ng		99
35) Indeno(1,2,3-cd)pyrene	25.163	276	5082	0.40	ng		98
37) Benzo(b)fluoranthene	22.497	252	3580	0.33	ng	#	88
38) Benzo(k)fluoranthene	22.538	252	4208	0.37	ng	#	86
39) Benzo(a)pyrene	23.027	252	3442	0.34	ng	#	79
40) Dibenzo(a,h)anthracene	25.180	278	4318	0.39	ng	#	84
41) Benzo(g,h,i)perylene	25.786	276	4855	0.41	ng	#	94

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121120\
Data File : BN013074.D
Acq On : 12 Dec 2020 04:08
Operator : CG/JU
Sample : PB133531BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB133531BS

Quant Time: Dec 12 04:45:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 11 01:53:51 2020
Response via : Initial Calibration



Instrument :
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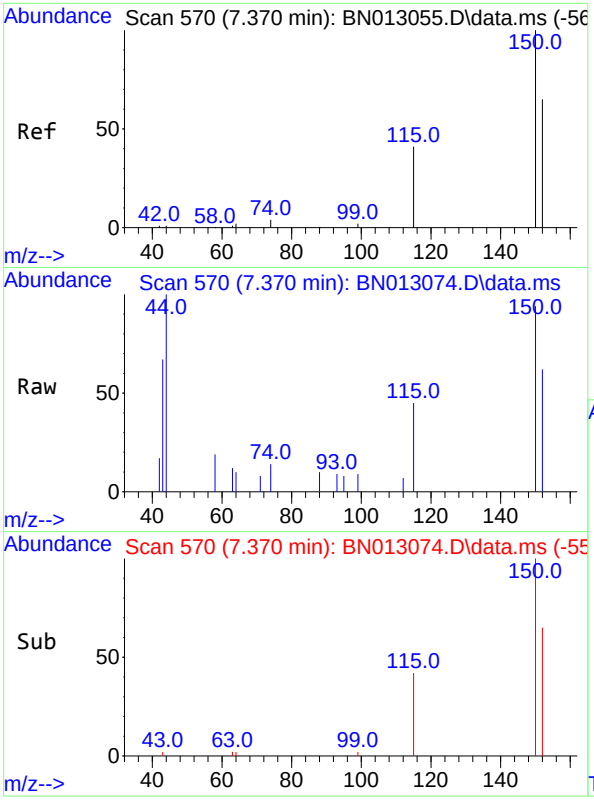
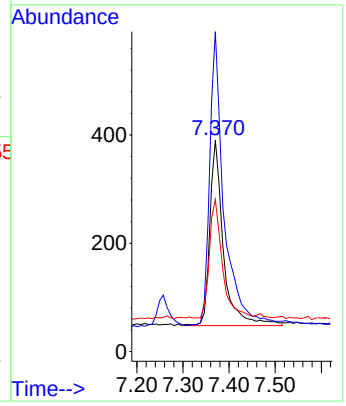
ClientSampleId :
PB133531BS

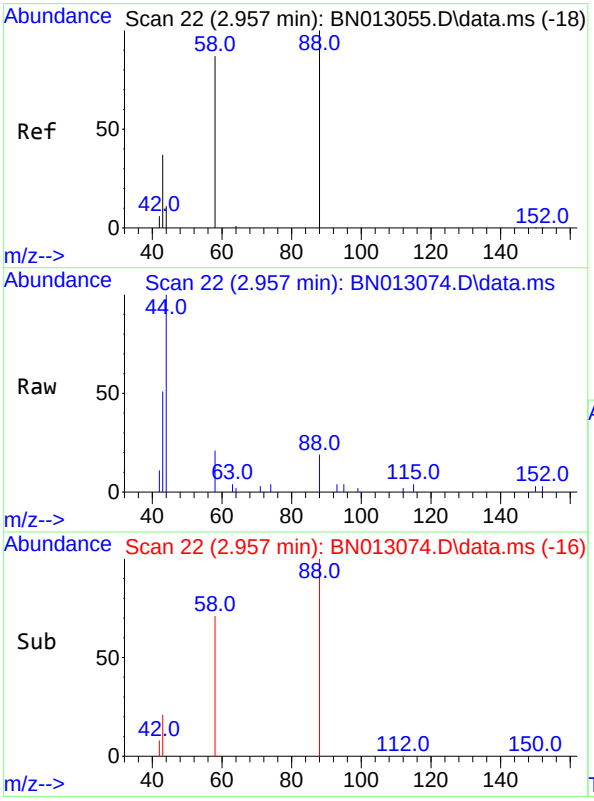


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.370 min Scan# 570
Delta R.T. 0.000 min
Lab File: BN013074.D
Acq: 12 Dec 2020 04:08

Tgt Ion:152 Resp: 703

Ion	Ratio	Lower	Upper
152	100		
150	151.2	116.6	174.8
115	71.9	52.9	79.3

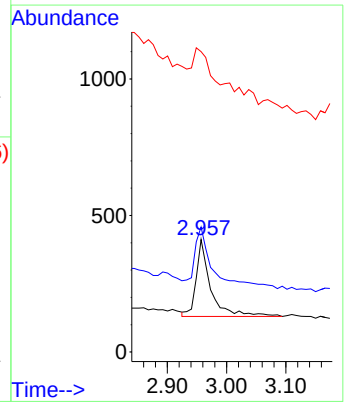




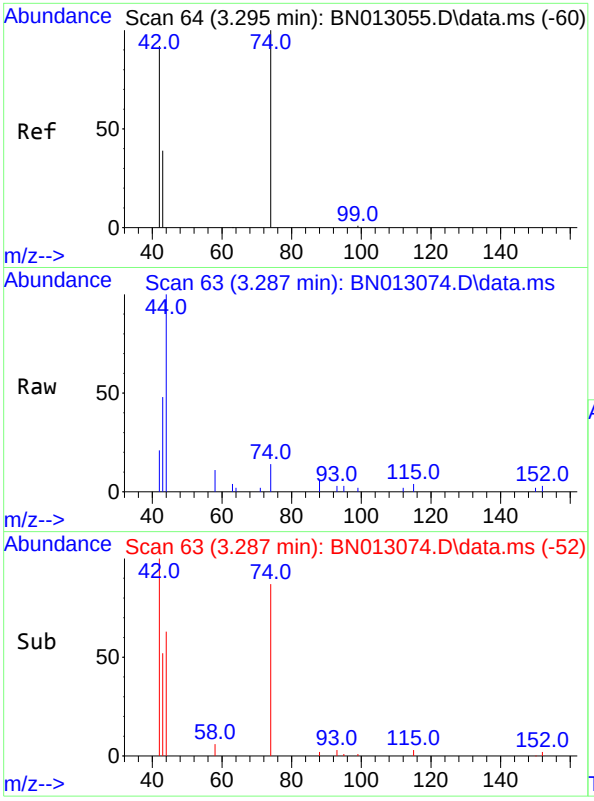
#2
1,4-Dioxane
Concen: 0.27 ng
RT: 2.957 min Scan# 22
Delta R.T. -0.000 min
Lab File: BN013074.D
Acq: 12 Dec 2020 04:08

Tgt Ion: 88 Resp: 482

Ion	Ratio	Lower	Upper
88	100		
58	111.4	59.4	89.2#
43	116.4	32.3	48.5#



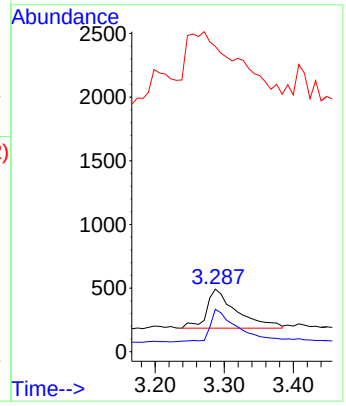
Instrument :
BNA_N
ClientSampleId :
PB133531BS

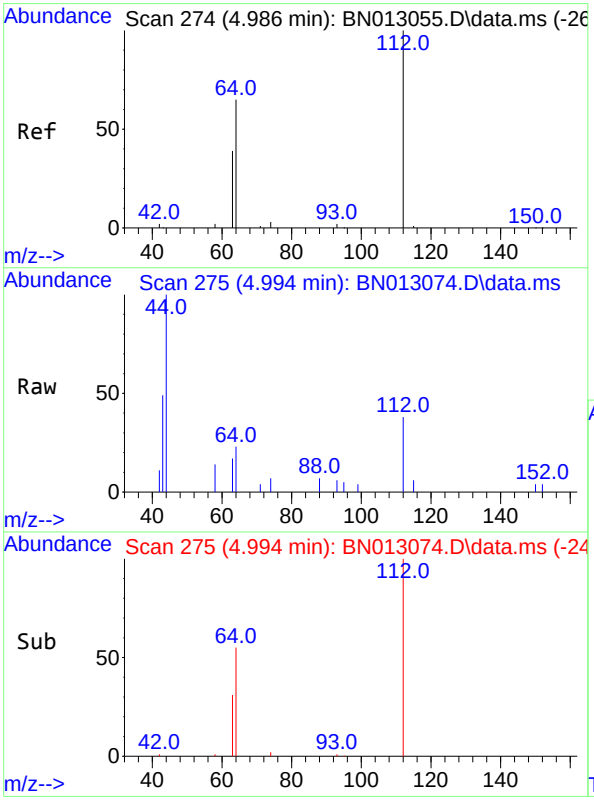


#3
n-Nitrosodimethylamine
Concen: 0.50 ng
RT: 3.287 min Scan# 63
Delta R.T. -0.008 min
Lab File: BN013074.D
Acq: 12 Dec 2020 04:08

Tgt Ion: 42 Resp: 925

Ion	Ratio	Lower	Upper
42	100		
74	76.0	64.4	96.6
44	257.0	2.8	4.2#

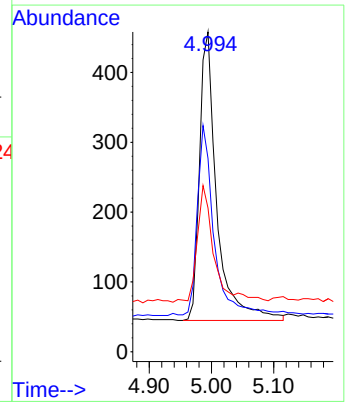




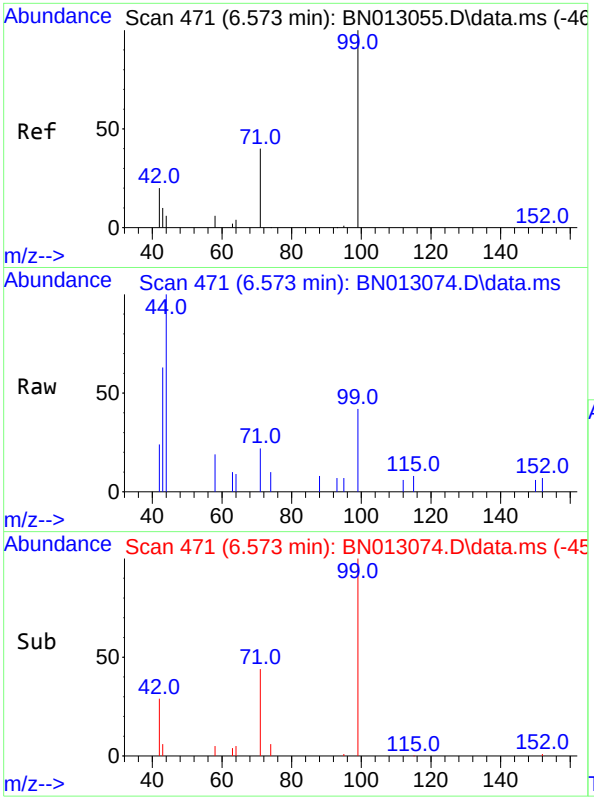
#4
2-Fluorophenol
Concen: 0.32 ng
RT: 4.994 min Scan# 275
Delta R.T. 0.008 min
Lab File: BN013074.D
Acq: 12 Dec 2020 04:08

Tgt Ion:112 Resp: 797

Ion	Ratio	Lower	Upper
112	100		
64	65.5	49.5	74.3
63	39.5	32.0	48.0



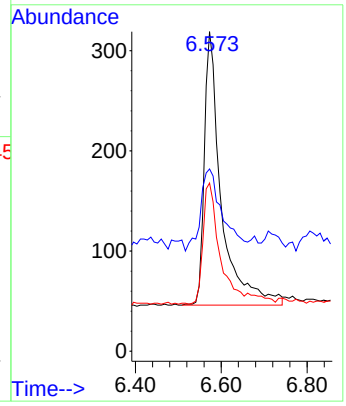
Instrument :
BNA_N
ClientSampleId :
PB133531BS

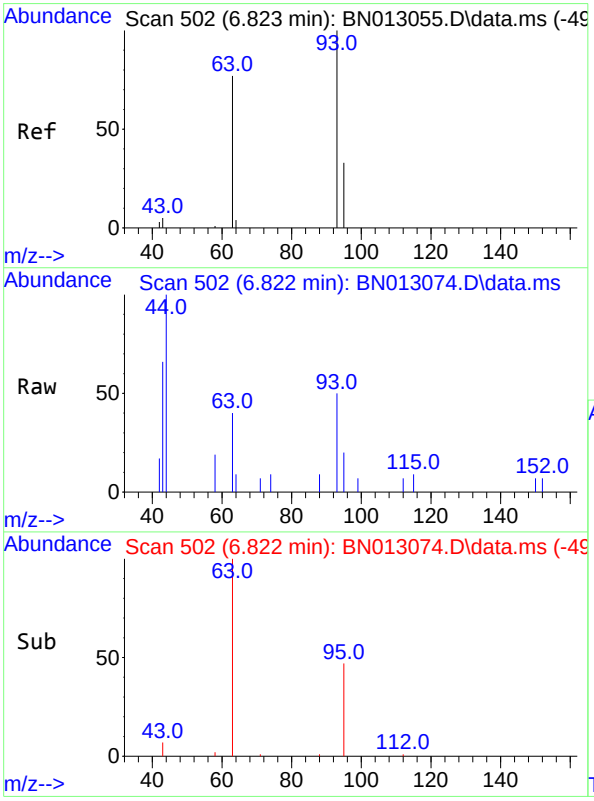


#5
Phenol-d6
Concen: 0.26 ng
RT: 6.573 min Scan# 471
Delta R.T. -0.000 min
Lab File: BN013074.D
Acq: 12 Dec 2020 04:08

Tgt Ion: 99 Resp: 750

Ion	Ratio	Lower	Upper
99	100		
42	38.7	22.4	33.6#
71	43.1	37.8	56.6

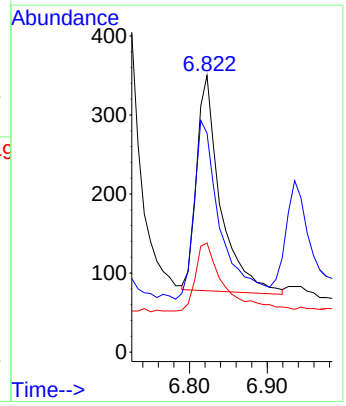




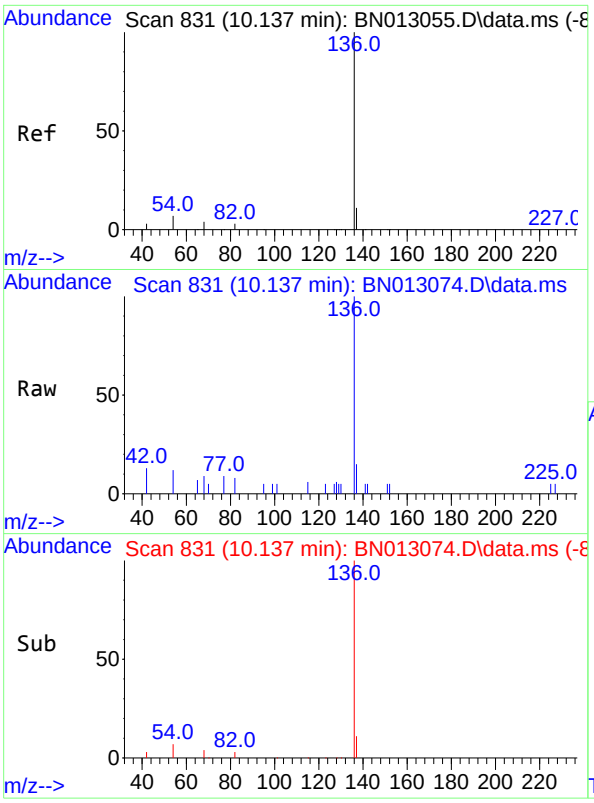
#6
bis(2-Chloroethyl)ether
Concen: 0.30 ng
RT: 6.822 min Scan# 502
Delta R.T. -0.000 min
Lab File: BN013074.D
Acq: 12 Dec 2020 04:08

Tgt Ion: 93 Resp: 580

Ion	Ratio	Lower	Upper
93	100		
63	91.6	63.1	94.7
95	37.8	26.1	39.1



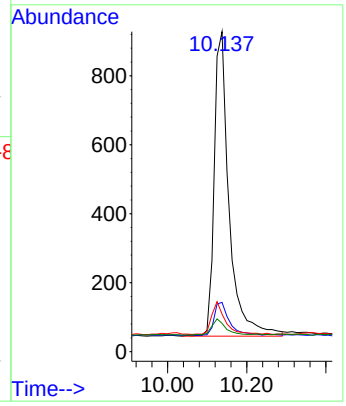
Instrument :
BNA_N
ClientSampleId :
PB133531BS

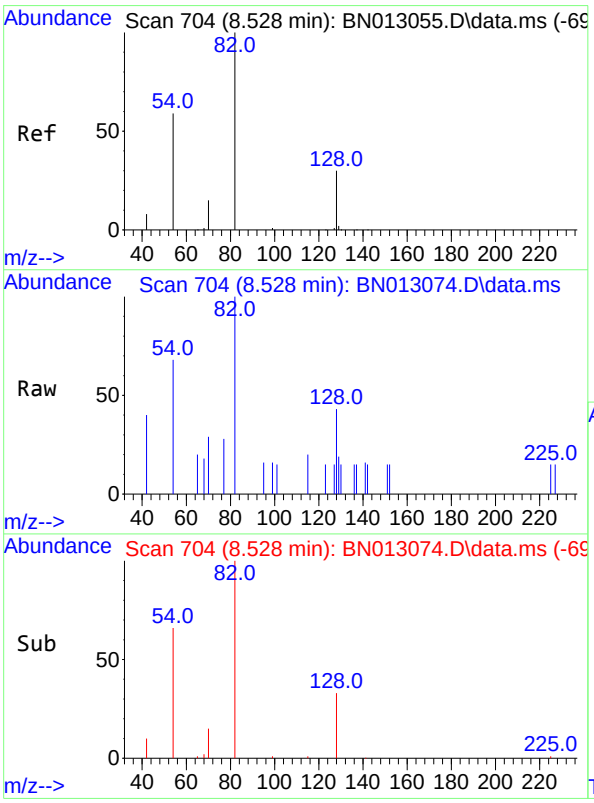


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.137 min Scan# 831
Delta R.T. -0.000 min
Lab File: BN013074.D
Acq: 12 Dec 2020 04:08

Tgt Ion:136 Resp: 2304

Ion	Ratio	Lower	Upper
136	100		
137	15.4	10.6	15.8
54	11.7	8.6	12.8
68	8.8	5.7	8.5#

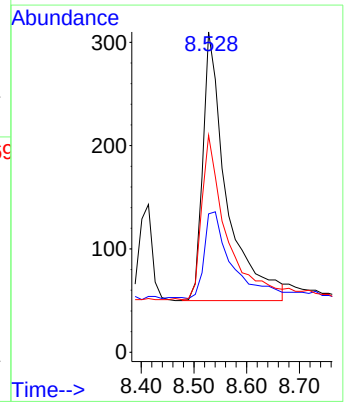




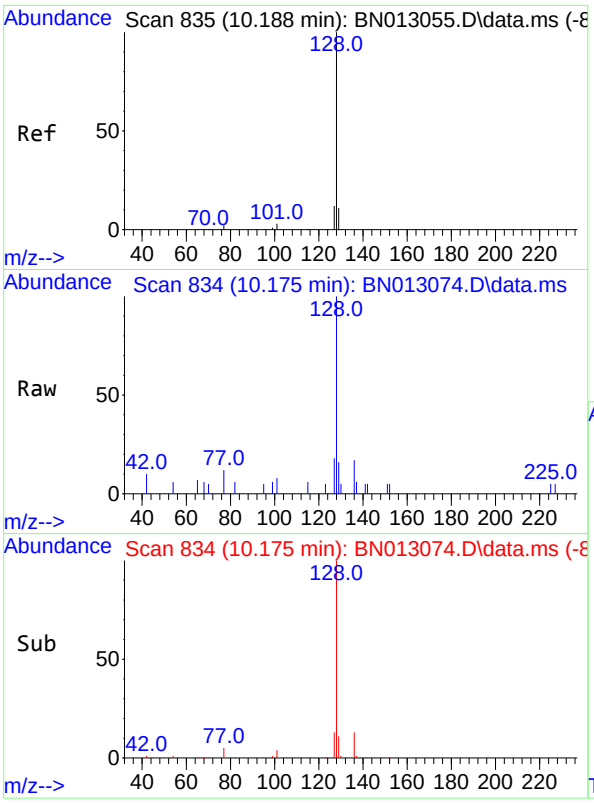
#8
Nitrobenzene-d5
Concen: 0.33 ng
RT: 8.528 min Scan# 704
Delta R.T. -0.000 min
Lab File: BN013074.D
Acq: 12 Dec 2020 04:08

Tgt Ion: 82 Resp: 815

Ion	Ratio	Lower	Upper
82	100		
128	43.2	30.6	46.0
54	67.7	48.3	72.5



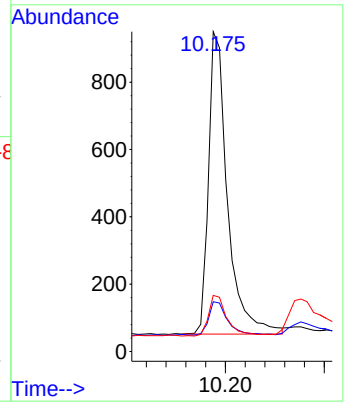
Instrument :
BNA_N
ClientSampleId :
PB133531BS

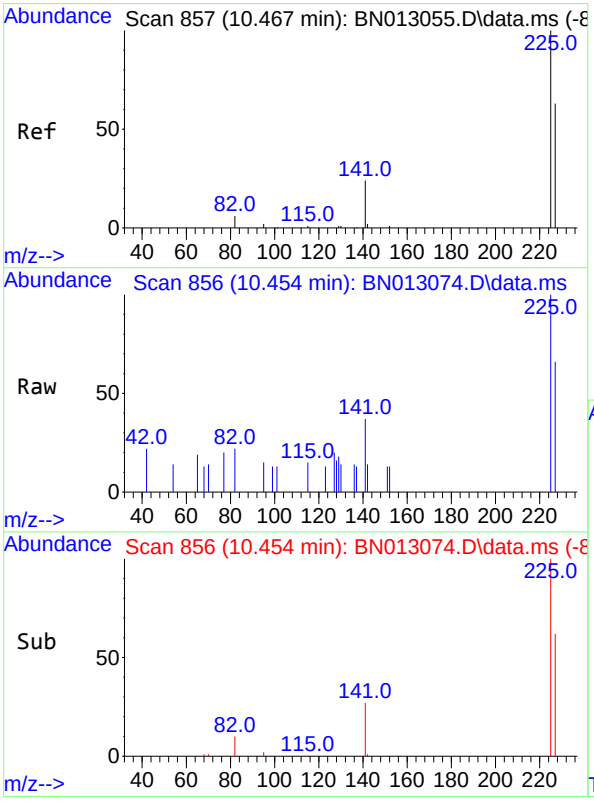


#9
Naphthalene
Concen: 0.34 ng
RT: 10.175 min Scan# 834
Delta R.T. -0.013 min
Lab File: BN013074.D
Acq: 12 Dec 2020 04:08

Tgt Ion:128 Resp: 2397

Ion	Ratio	Lower	Upper
128	100		
129	15.6	9.8	14.8#
127	17.6	12.2	18.4

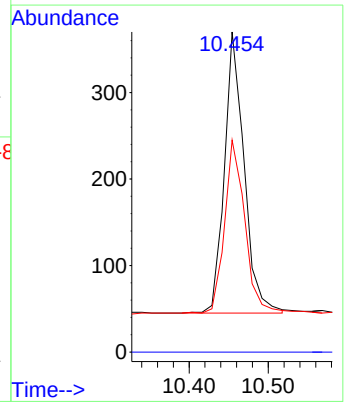




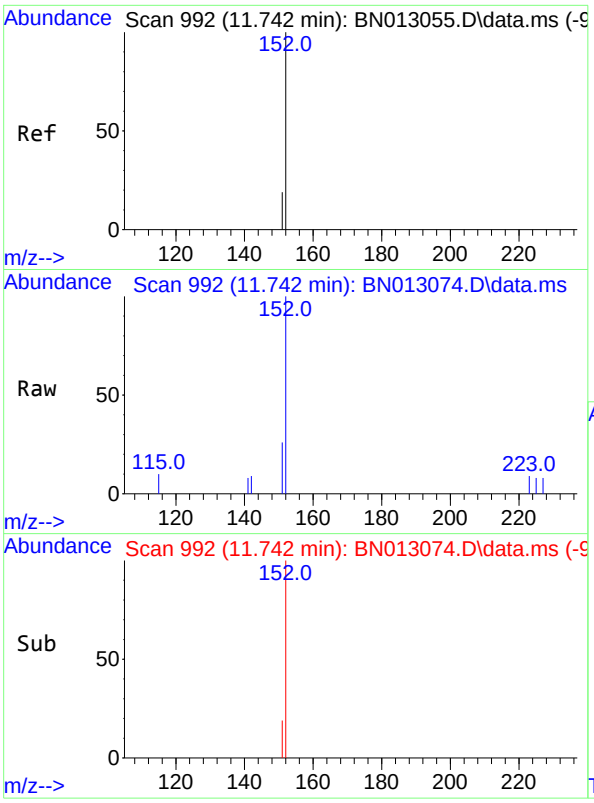
#10
Hexachlorobutadiene
Concen: 0.37 ng
RT: 10.454 min Scan# 856
Delta R.T. -0.013 min
Lab File: BN013074.D
Acq: 12 Dec 2020 04:08

Tgt Ion:225 Resp: 563

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.9	51.0	76.6



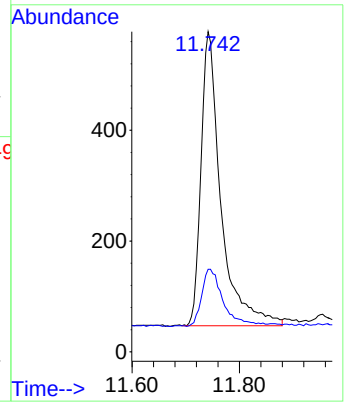
Instrument :
BNA_N
ClientSampleId :
PB133531BS

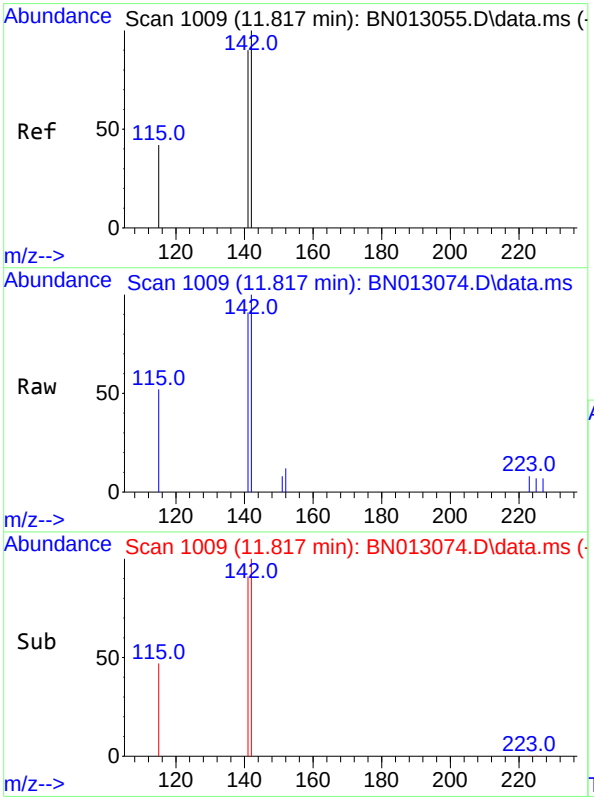


#11
2-Methylnaphthalene-d10
Concen: 0.33 ng
RT: 11.742 min Scan# 992
Delta R.T. -0.000 min
Lab File: BN013074.D
Acq: 12 Dec 2020 04:08

Tgt Ion:152 Resp: 1370

Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.7	25.1

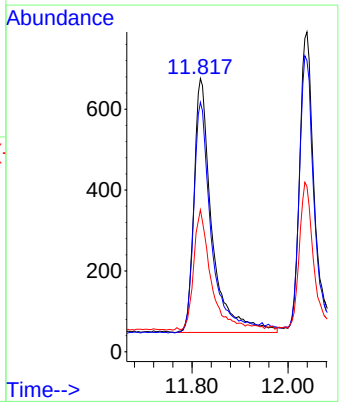




#12
2-Methylnaphthalene
Concen: 0.34 ng
RT: 11.817 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BN013074.D
Acq: 12 Dec 2020 04:08

Tgt Ion:142 Resp: 1632

Ion	Ratio	Lower	Upper
142	100		
141	91.3	69.4	104.2
115	51.9	35.7	53.5



Instrument :
BNA_N
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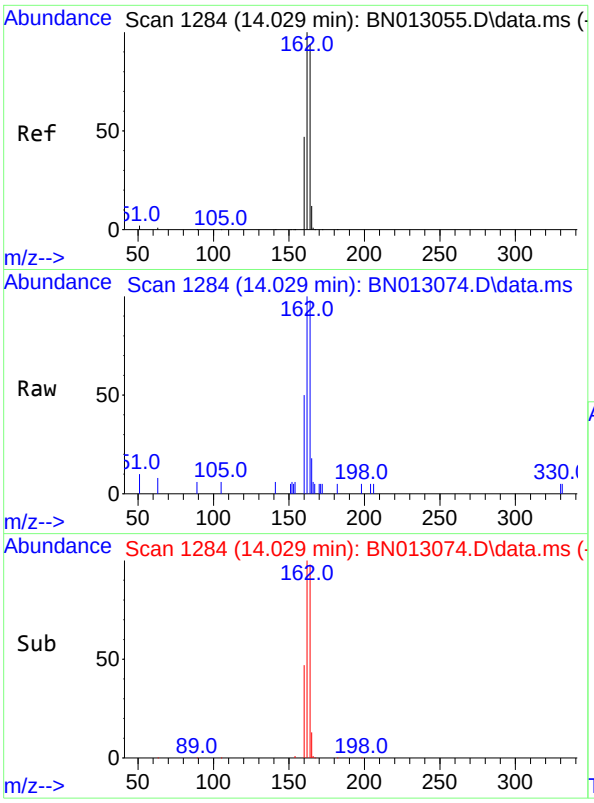
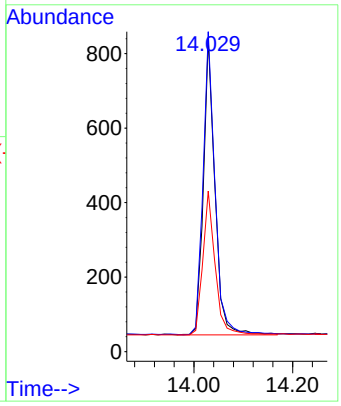
PB133531BS

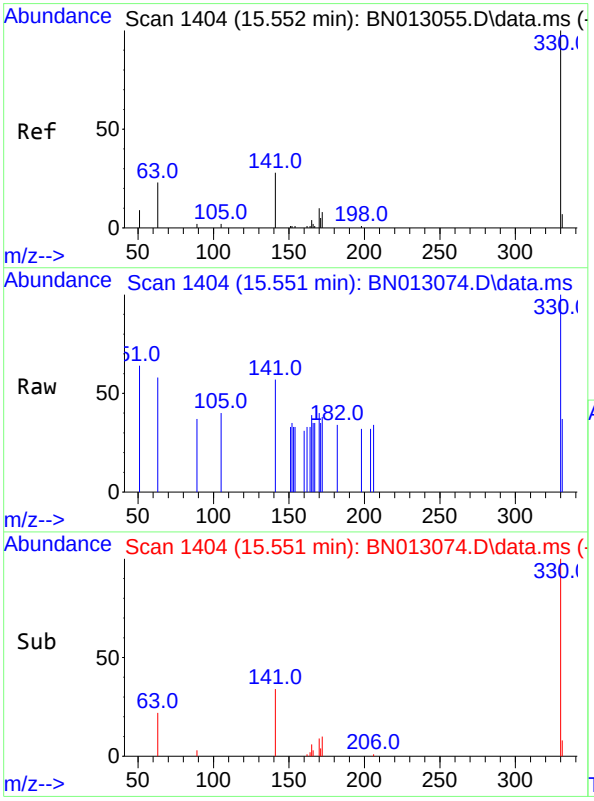


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.029 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BN013074.D
Acq: 12 Dec 2020 04:08

Tgt Ion:164 Resp: 1299

Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.6	120.8
160	51.3	39.5	59.3

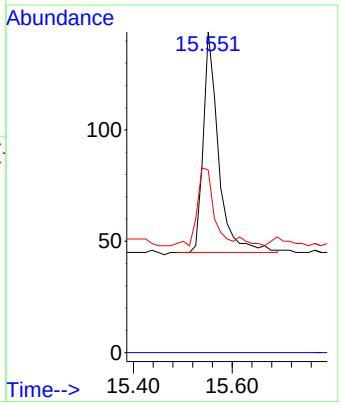




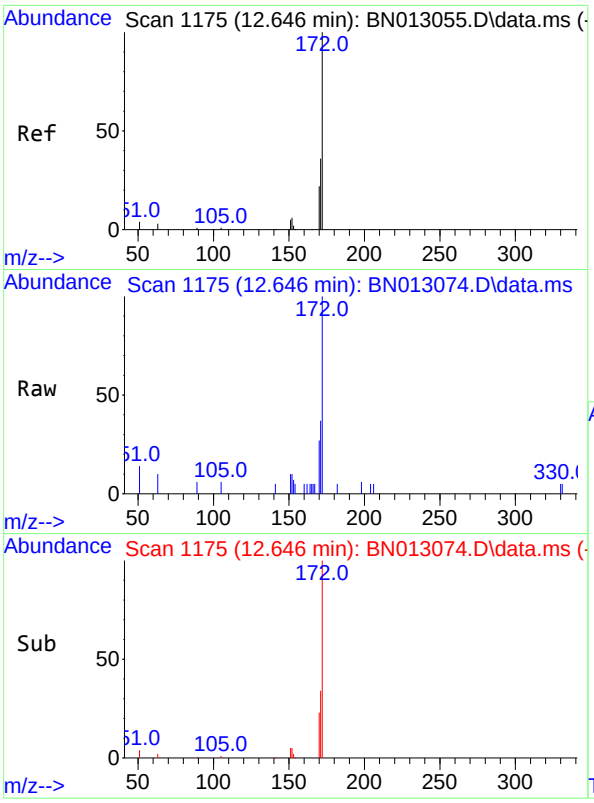
#14
2,4,6-Tribromophenol
Concen: 0.25 ng
RT: 15.551 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BN013074.D
Acq: 12 Dec 2020 04:08

Tgt Ion:330 Resp: 212

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	38.2	34.4	51.6



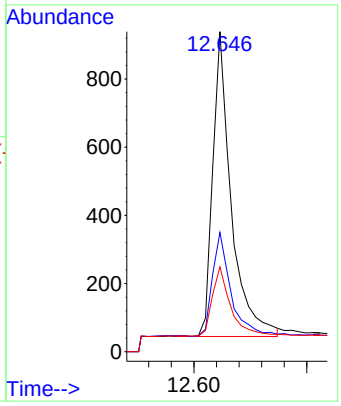
Instrument :
BNA_N
ClientSampleId :
PB133531BS

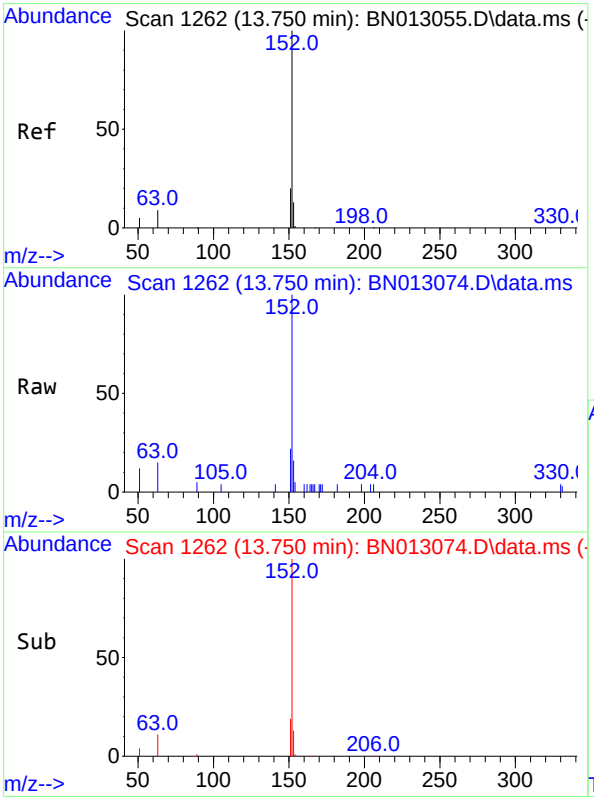


#15
2-Fluorobiphenyl
Concen: 0.35 ng
RT: 12.646 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BN013074.D
Acq: 12 Dec 2020 04:08

Tgt Ion:172 Resp: 2023

Ion	Ratio	Lower	Upper
172	100		
171	37.3	28.2	42.4
170	26.5	20.0	30.0

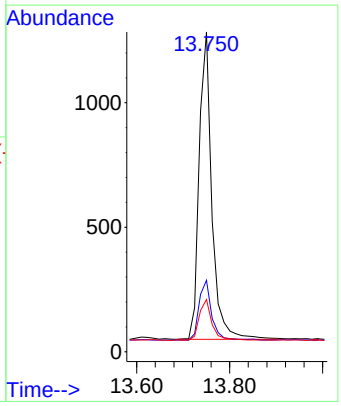




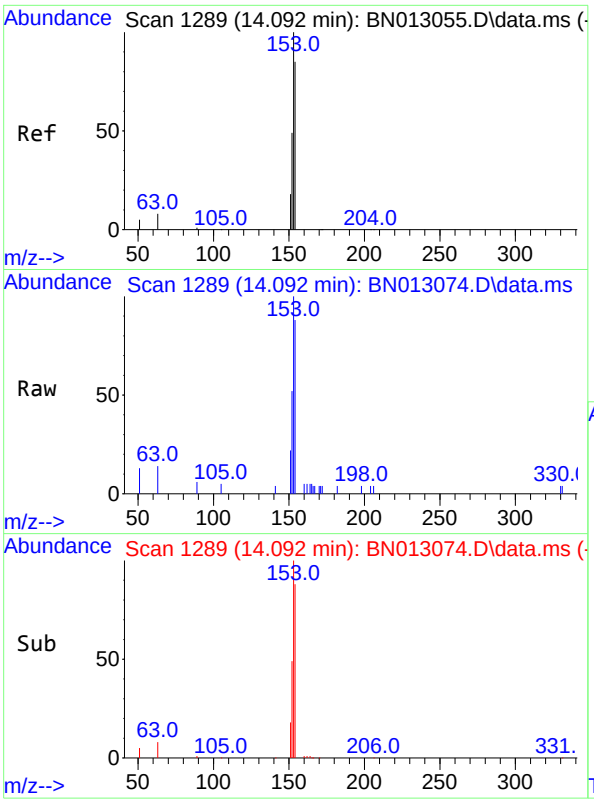
#16
Acenaphthylene
Concen: 0.34 ng
RT: 13.750 min Scan# 1262
Delta R.T. -0.000 min
Lab File: BN013074.D
Acq: 12 Dec 2020 04:08

Tgt Ion:152 Resp: 2349

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.8	23.8
153	13.7	10.6	16.0



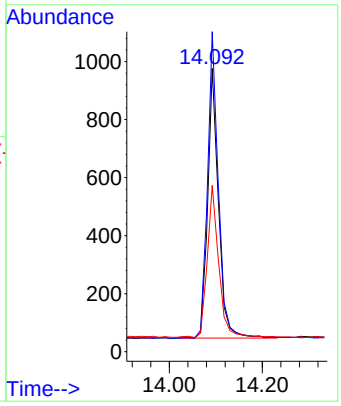
Instrument :
BNA_N
ClientSampleId :
PB133531BS

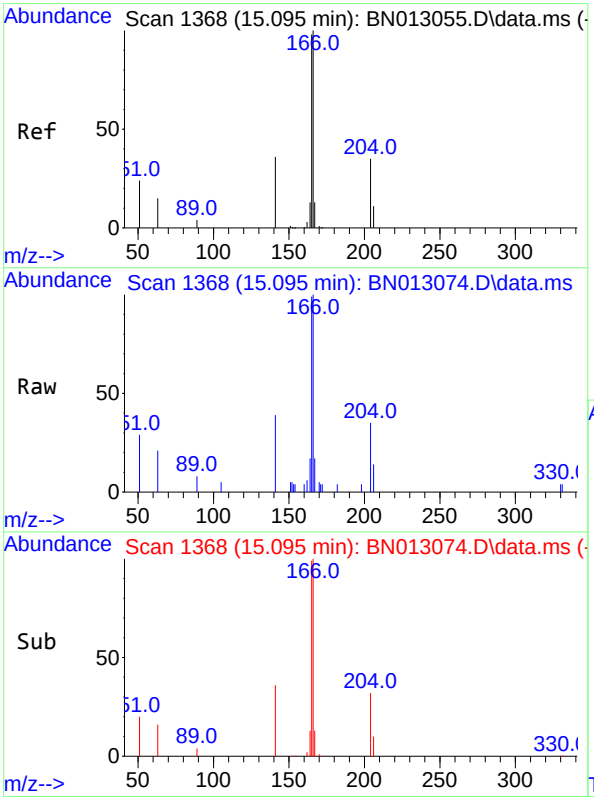


#17
Acenaphthene
Concen: 0.35 ng
RT: 14.092 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BN013074.D
Acq: 12 Dec 2020 04:08

Tgt Ion:154 Resp: 1508

Ion	Ratio	Lower	Upper
154	100		
153	114.9	83.6	125.4
152	59.4	43.9	65.9

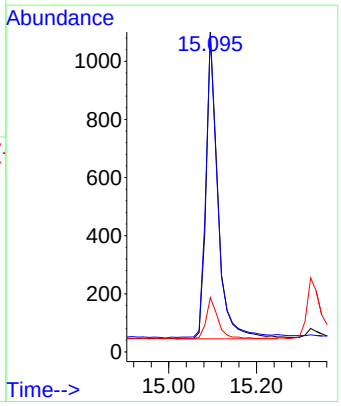




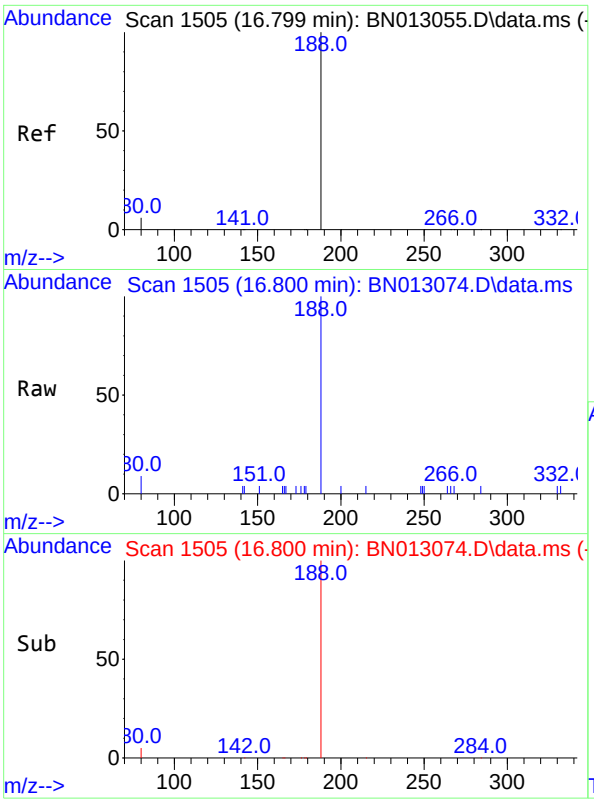
#18
Fluorene
Concen: 0.34 ng
RT: 15.095 min Scan# 1368
Delta R.T. -0.000 min
Lab File: BN013074.D
Acq: 12 Dec 2020 04:08

Tgt Ion:166 Resp: 1969

Ion	Ratio	Lower	Upper
166	100		
165	100.2	78.6	118.0
167	13.7	10.7	16.1



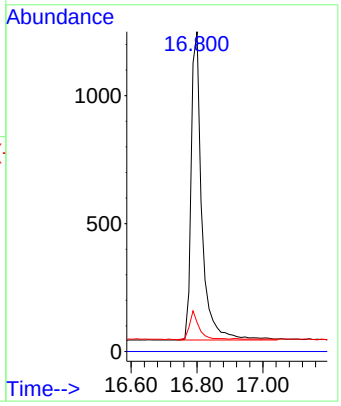
Instrument :
BNA_N
ClientSampleId :
PB133531BS

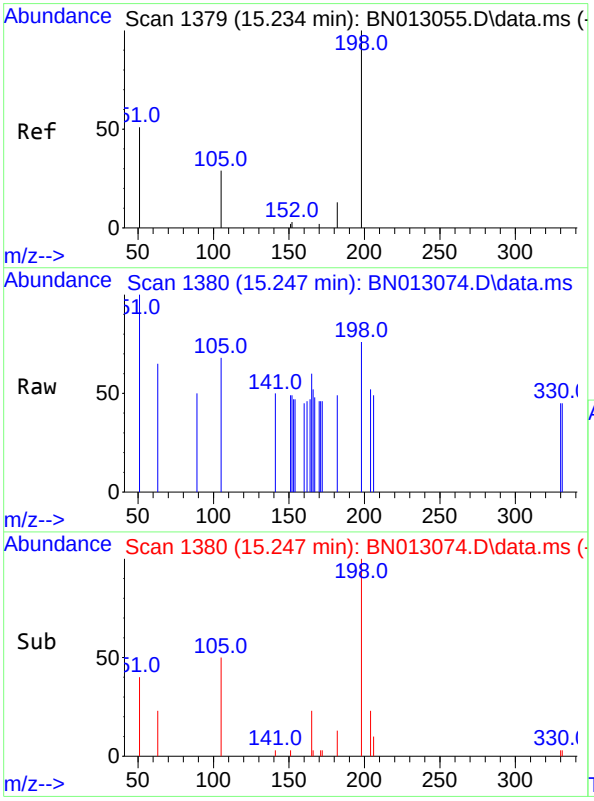


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.800 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BN013074.D
Acq: 12 Dec 2020 04:08

Tgt Ion:188 Resp: 2694

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.1	5.0	7.4#

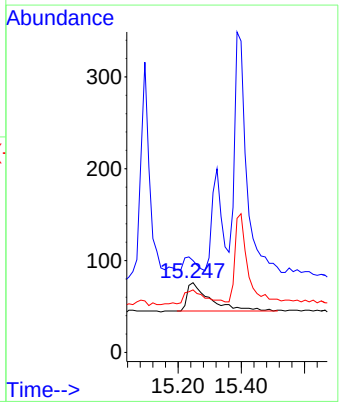




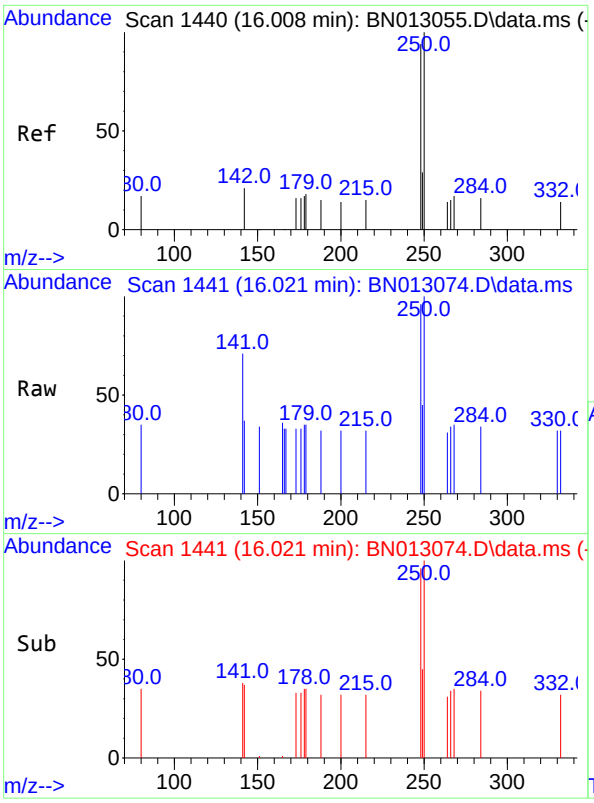
#20
4,6-Dinitro-2-methylphenol
Concen: 0.33 ng
RT: 15.247 min Scan# 1380
Delta R.T. 0.013 min
Lab File: BN013074.D
Acq: 12 Dec 2020 04:08

Tgt Ion:198 Resp: 157

Ion	Ratio	Lower	Upper
198	100		
51	131.6	43.5	65.3#
105	89.5	27.2	40.8#



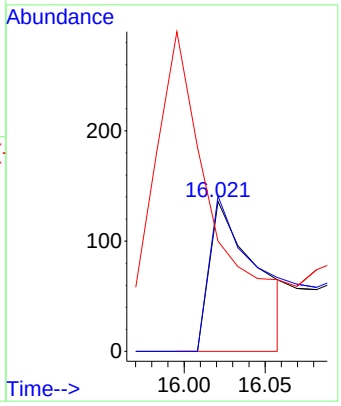
Instrument :
BNA_N
ClientSampleId :
PB133531BS

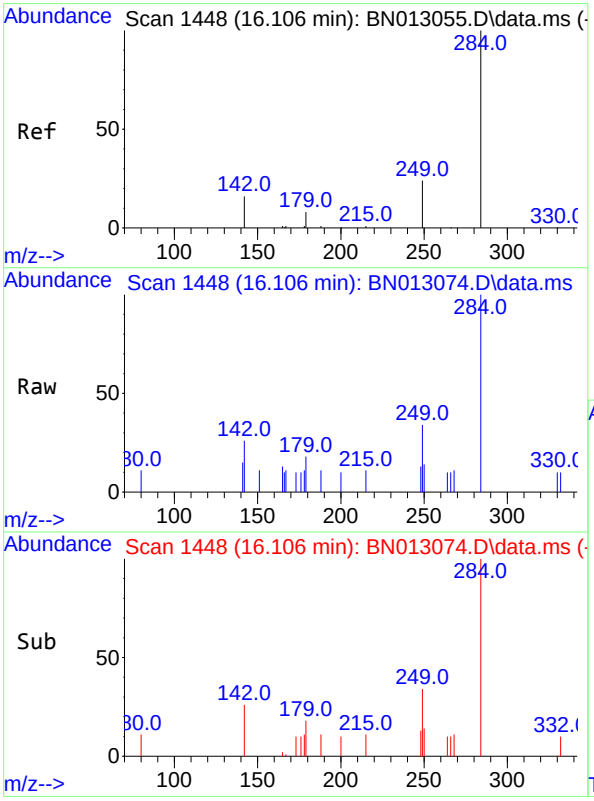


#21
4-Bromophenyl-phenylether
Concen: 0.44 ng
RT: 16.021 min Scan# 1441
Delta R.T. 0.013 min
Lab File: BN013074.D
Acq: 12 Dec 2020 04:08

Tgt Ion:248 Resp: 277

Ion	Ratio	Lower	Upper
248	100		
250	103.7	77.3	115.9
141	73.5	57.8	86.8

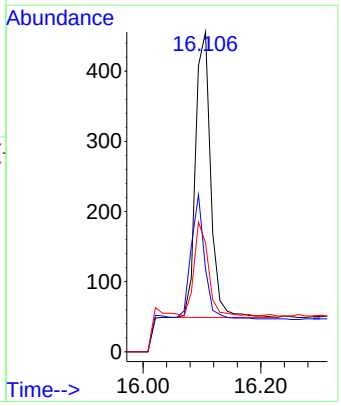




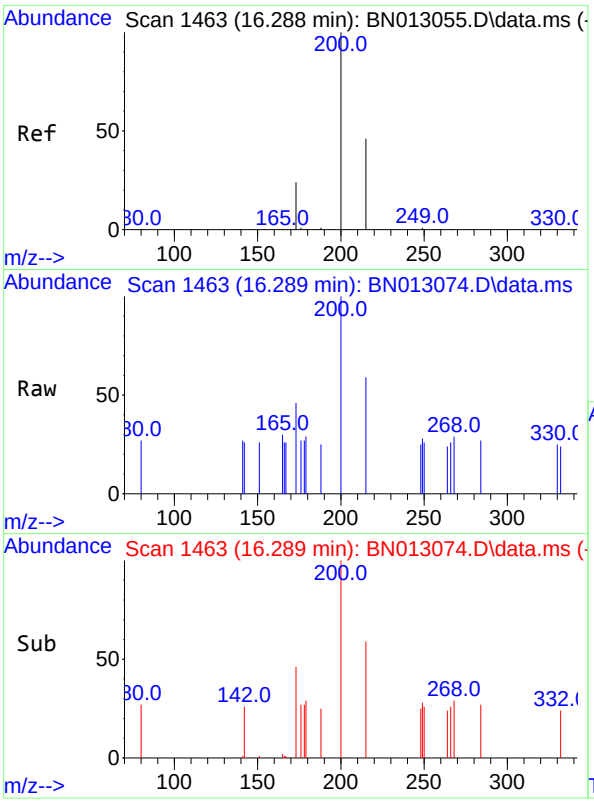
#22
Hexachlorobenzene
Concen: 0.37 ng
RT: 16.106 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BN013074.D
Acq: 12 Dec 2020 04:08

Tgt Ion:284 Resp: 728

Ion	Ratio	Lower	Upper
284	100		
142	38.6	32.0	48.0
249	30.9	27.0	40.6



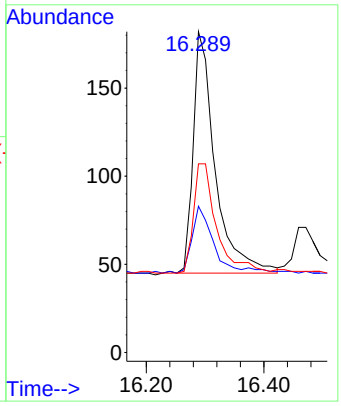
Instrument :
BNA_N
ClientSampleId :
PB133531BS

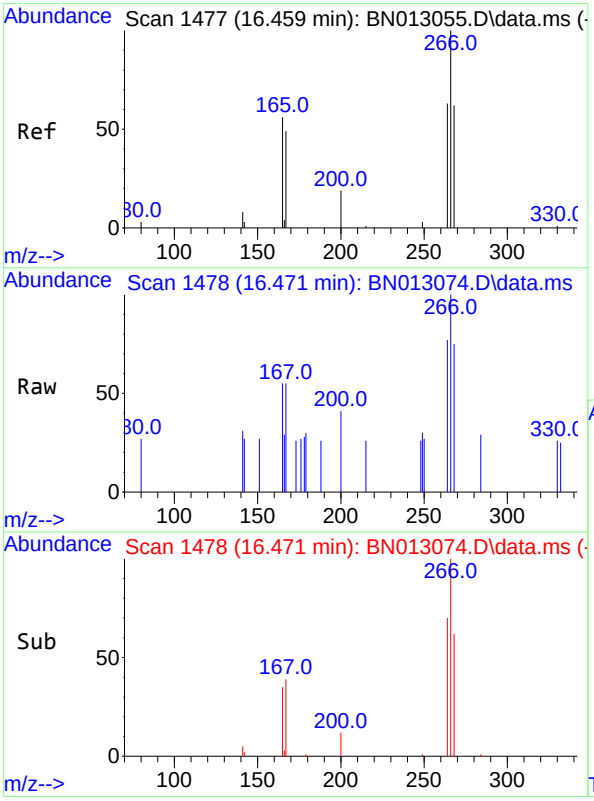


#23
Atrazine
Concen: 0.22 ng
RT: 16.289 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BN013074.D
Acq: 12 Dec 2020 04:08

Tgt Ion:200 Resp: 356

Ion	Ratio	Lower	Upper
200	100		
173	45.6	22.8	34.2#
215	58.8	38.1	57.1#

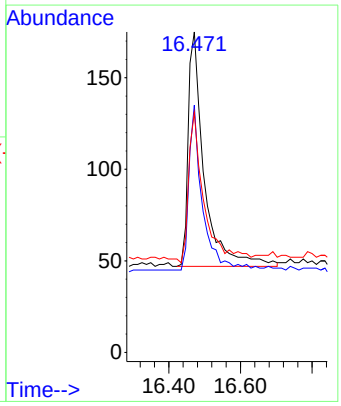




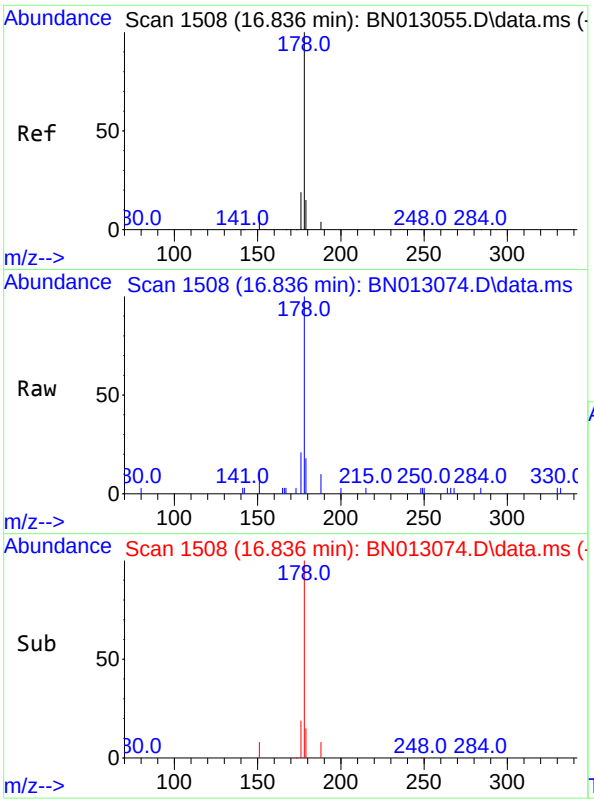
#24
Pentachlorophenol
Concen: 0.48 ng
RT: 16.471 min Scan# 1478
Delta R.T. 0.013 min
Lab File: BN013074.D
Acq: 12 Dec 2020 04:08

Tgt Ion:266 Resp: 396

Ion	Ratio	Lower	Upper
266	100		
264	59.3	50.9	76.3
268	57.1	51.5	77.3



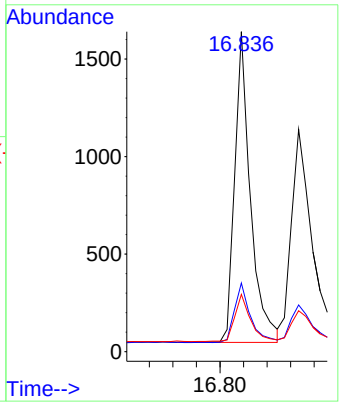
Instrument :
BNA_N
ClientSampleId :
PB133531BS

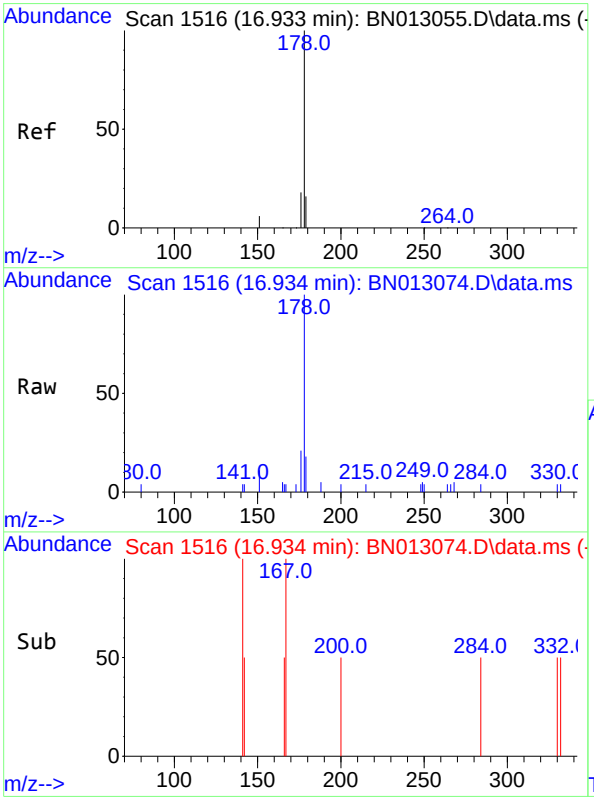


#25
Phenanthrene
Concen: 0.33 ng
RT: 16.836 min Scan# 1508
Delta R.T. 0.000 min
Lab File: BN013074.D
Acq: 12 Dec 2020 04:08

Tgt Ion:178 Resp: 2954

Ion	Ratio	Lower	Upper
178	100		
176	19.4	14.8	22.2
179	15.2	12.4	18.6

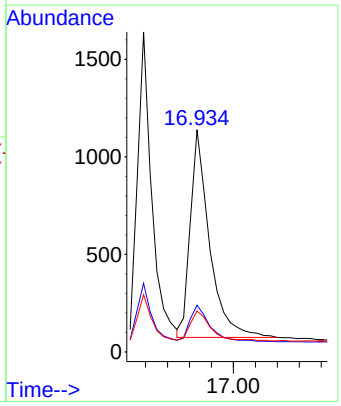




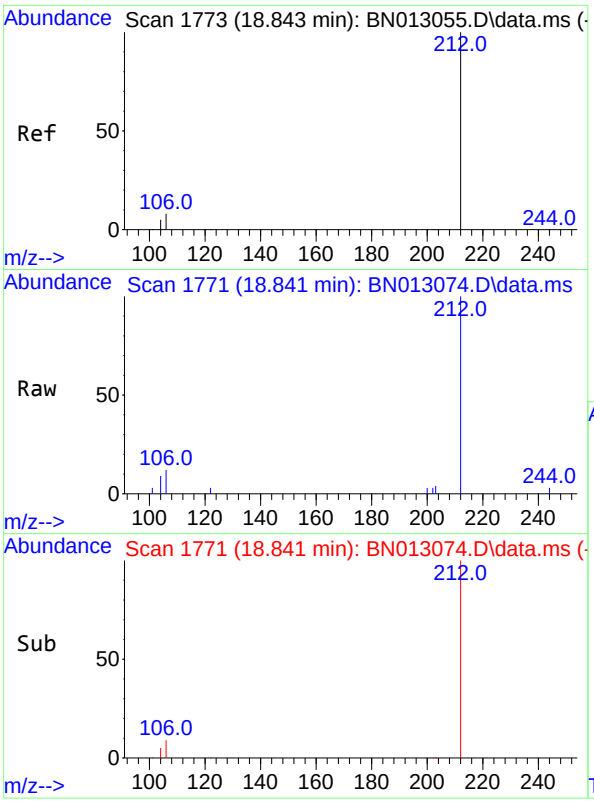
#26
Anthracene
Concen: 0.33 ng
RT: 16.934 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BN013074.D
Acq: 12 Dec 2020 04:08

Tgt Ion:178 Resp: 2593

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.8	22.2
179	15.1	12.5	18.7



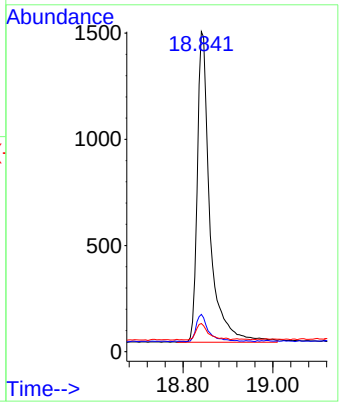
Instrument :
BNA_N
ClientSampleId :
PB133531BS

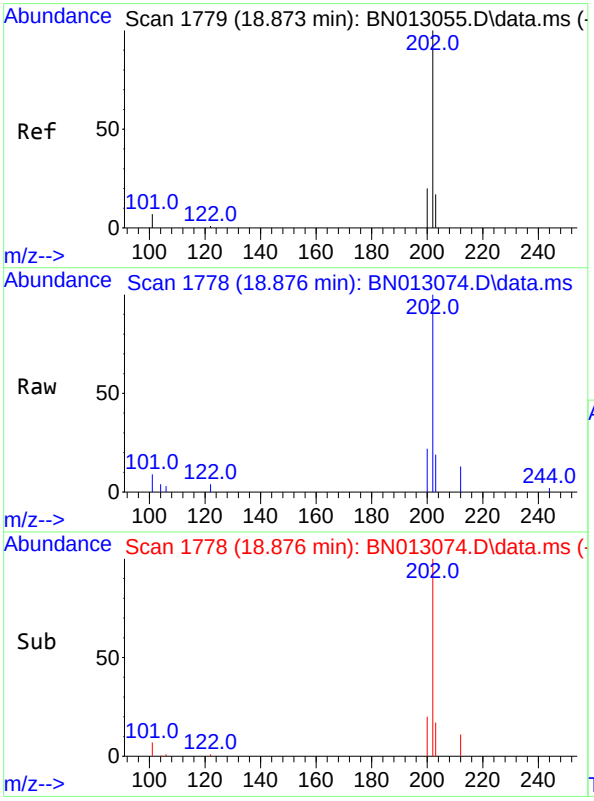


#27
Fluoranthene-d10
Concen: 0.32 ng
RT: 18.841 min Scan# 1771
Delta R.T. -0.002 min
Lab File: BN013074.D
Acq: 12 Dec 2020 04:08

Tgt Ion:212 Resp: 2869

Ion	Ratio	Lower	Upper
212	100		
106	8.6	6.8	10.2
104	5.2	4.1	6.1

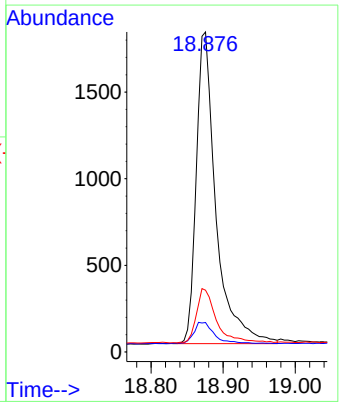




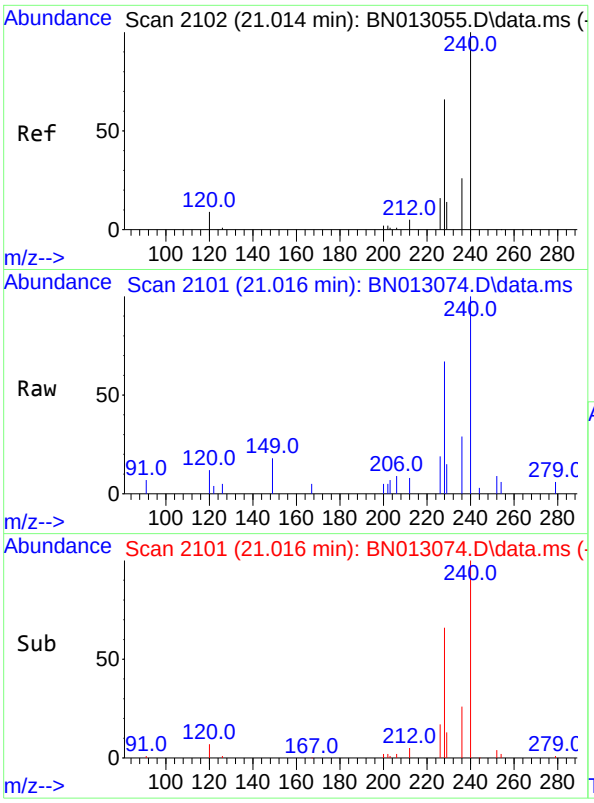
#28
Fluoranthene
Concen: 0.31 ng
RT: 18.876 min Scan# 1778
Delta R.T. 0.003 min
Lab File: BN013074.D
Acq: 12 Dec 2020 04:08

Tgt Ion:202 Resp: 3419

Ion	Ratio	Lower	Upper
202	100		
101	7.2	5.8	8.6
203	17.6	13.7	20.5



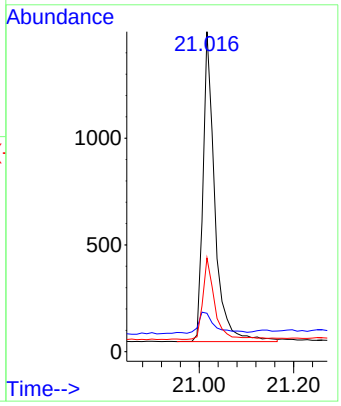
Instrument :
BNA_N
ClientSampleId :
PB133531BS

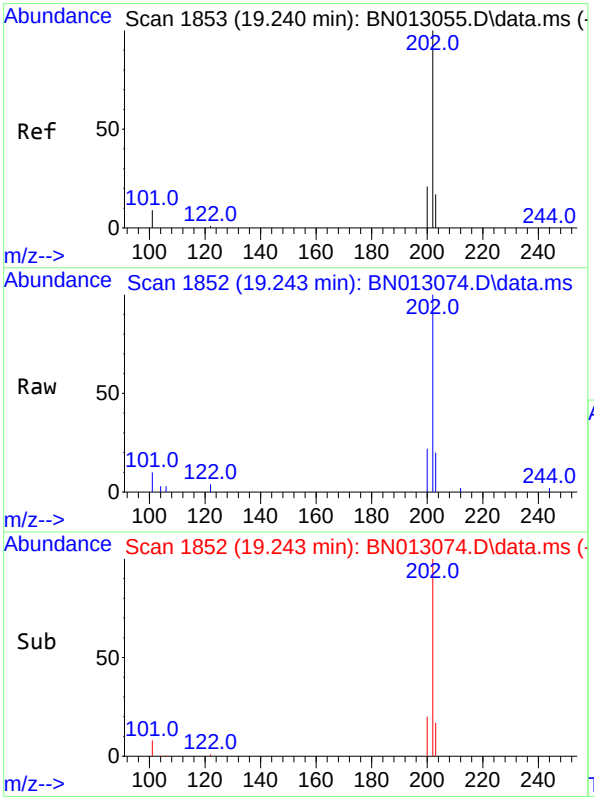


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.016 min Scan# 2101
Delta R.T. 0.003 min
Lab File: BN013074.D
Acq: 12 Dec 2020 04:08

Tgt Ion:240 Resp: 2518

Ion	Ratio	Lower	Upper
240	100		
120	12.0	5.3	7.9#
236	29.3	21.8	32.8

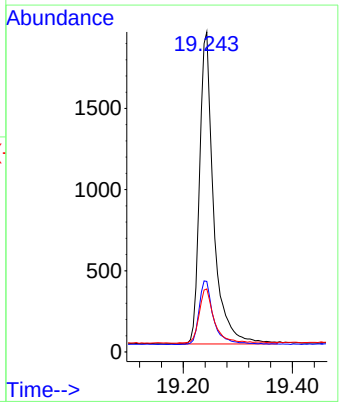




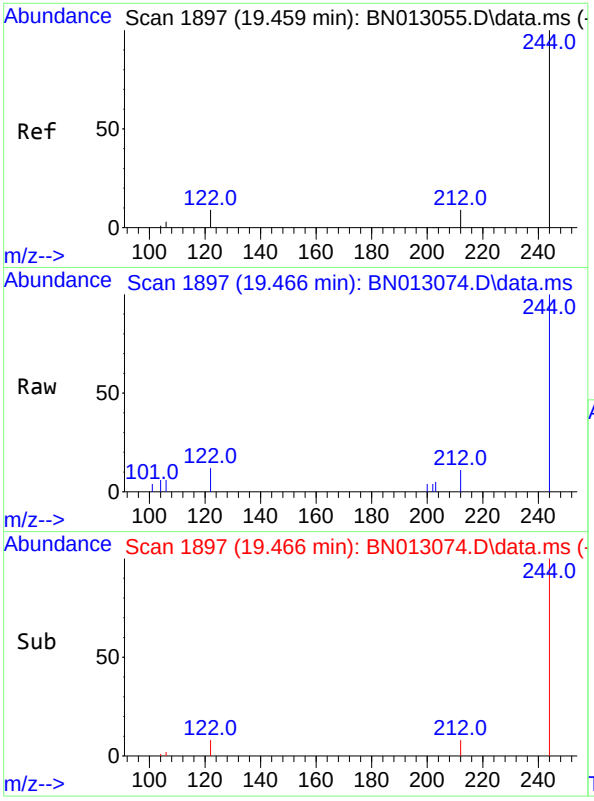
#30
Pyrene
Concen: 0.37 ng
RT: 19.243 min Scan# 1852
Delta R.T. 0.003 min
Lab File: BN013074.D
Acq: 12 Dec 2020 04:08

Tgt Ion:202 Resp: 3452

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	24.8
203	18.6	13.8	20.8



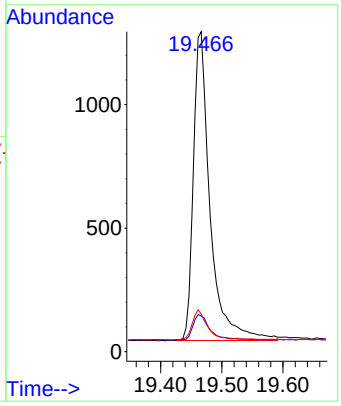
Instrument :
BNA_N
ClientSampleId :
PB133531BS

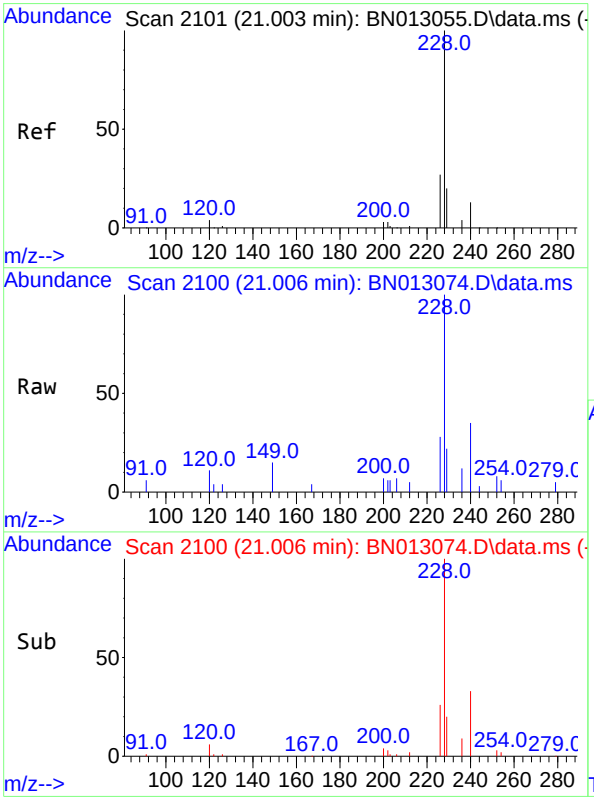


#31
Terphenyl-d14
Concen: 0.38 ng
RT: 19.466 min Scan# 1897
Delta R.T. 0.008 min
Lab File: BN013074.D
Acq: 12 Dec 2020 04:08

Tgt Ion:244 Resp: 2372

Ion	Ratio	Lower	Upper
244	100		
212	11.1	7.3	10.9#
122	11.7	7.3	10.9#

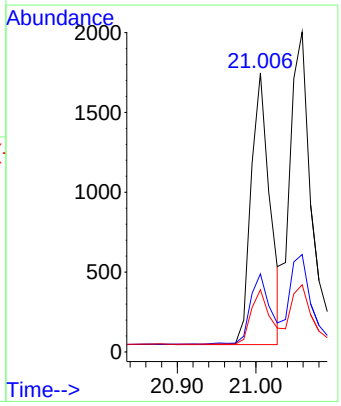




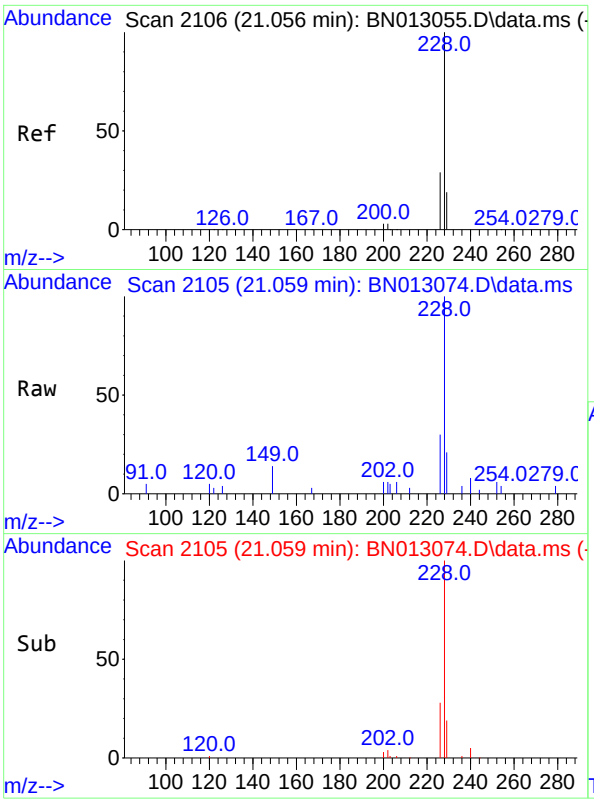
#32
Benzo(a)anthracene
Concen: 0.31 ng
RT: 21.006 min Scan# 2100
Delta R.T. 0.003 min
Lab File: BN013074.D
Acq: 12 Dec 2020 04:08

Tgt Ion:228 Resp: 2837

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.3	33.5
229	22.3	15.7	23.5



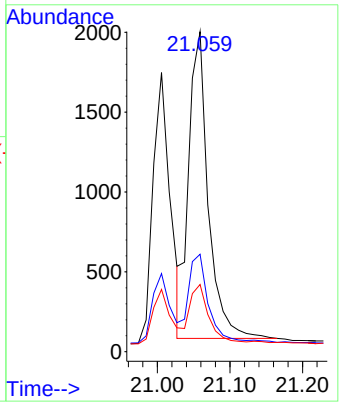
Instrument :
BNA_N
ClientSampleId :
PB133531BS

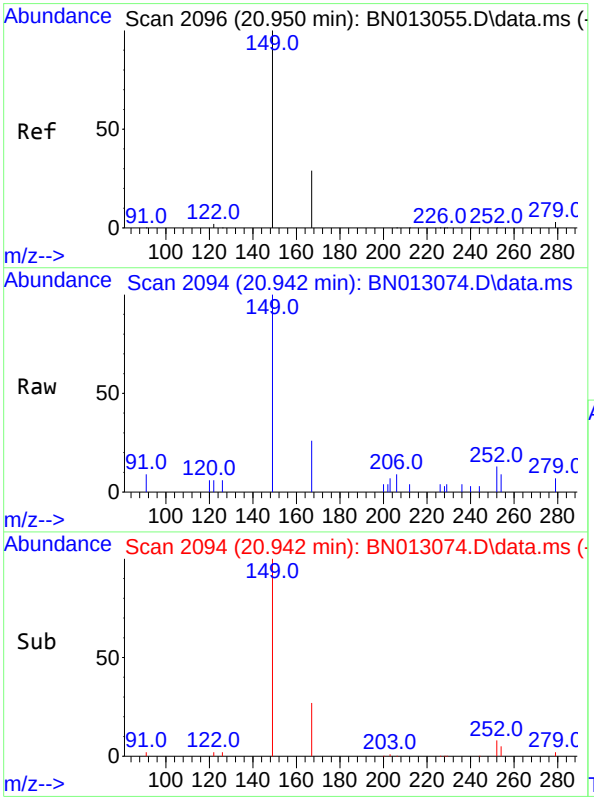


#33
Chrysene
Concen: 0.37 ng
RT: 21.059 min Scan# 2105
Delta R.T. 0.003 min
Lab File: BN013074.D
Acq: 12 Dec 2020 04:08

Tgt Ion:228 Resp: 3574

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.2	36.2
229	21.0	15.7	23.5

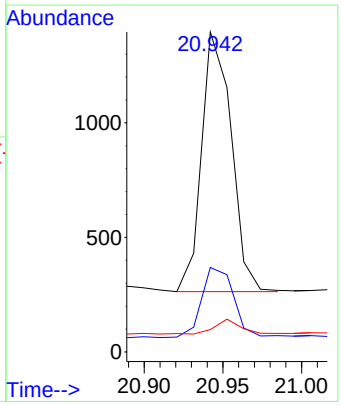




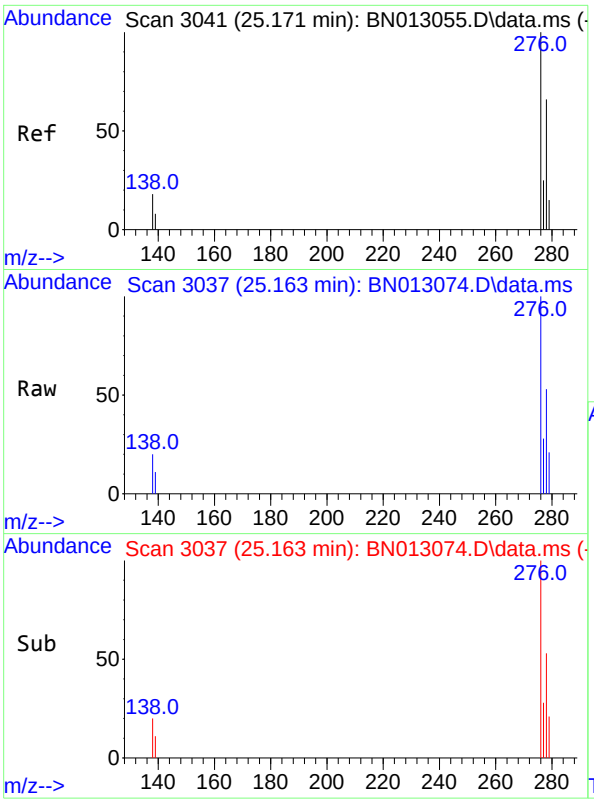
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.27 ng
RT: 20.942 min Scan# 2094
Delta R.T. -0.008 min
Lab File: BN013074.D
Acq: 12 Dec 2020 04:08

Tgt Ion:149 Resp: 1492

Ion	Ratio	Lower	Upper
149	100		
167	28.4	23.2	34.8
279	4.9	3.9	5.9



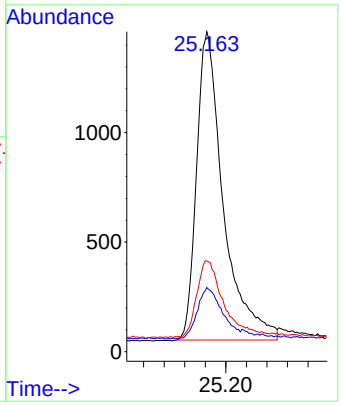
Instrument :
BNA_N
ClientSampleId :
PB133531BS

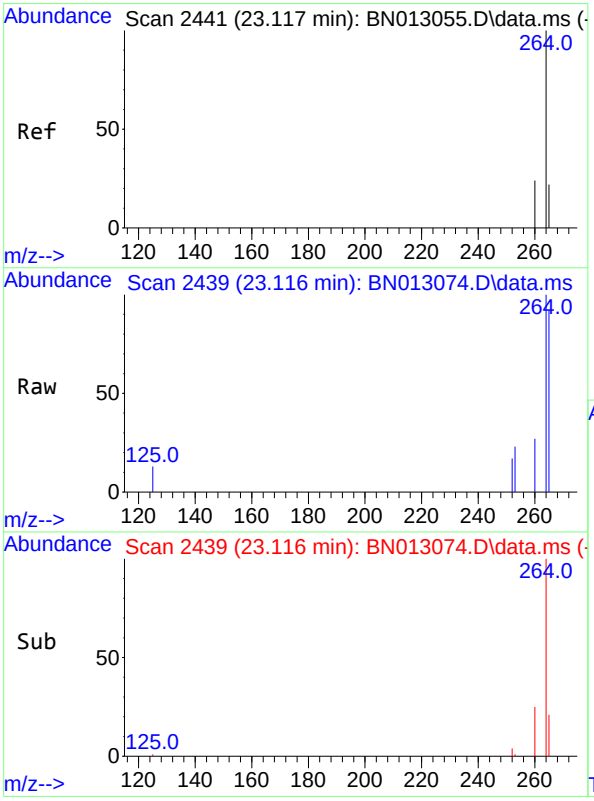


#35
Indeno(1,2,3-cd)pyrene
Concen: 0.40 ng
RT: 25.163 min Scan# 3037
Delta R.T. -0.008 min
Lab File: BN013074.D
Acq: 12 Dec 2020 04:08

Tgt Ion:276 Resp: 5082

Ion	Ratio	Lower	Upper
276	100		
138	14.5	13.3	19.9
277	24.8	20.2	30.4

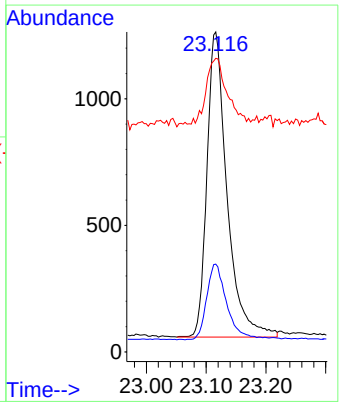




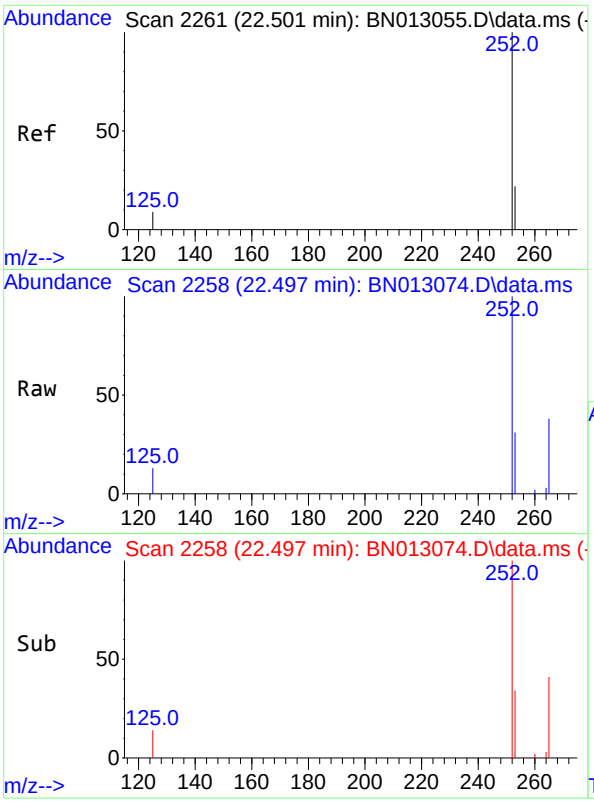
#36
Perylene-d12
Concen: 0.40 ng
RT: 23.116 min Scan# 2439
Delta R.T. -0.001 min
Lab File: BN013074.D
Acq: 12 Dec 2020 04:08

Tgt Ion:264 Resp: 2815

Ion	Ratio	Lower	Upper
264	100		
260	27.5	19.8	29.6
265	91.8	51.4	77.0#



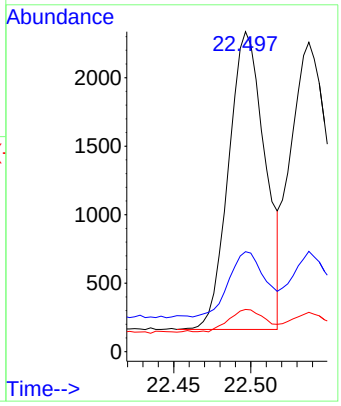
Instrument :
BNA_N
ClientSampleId :
PB133531BS

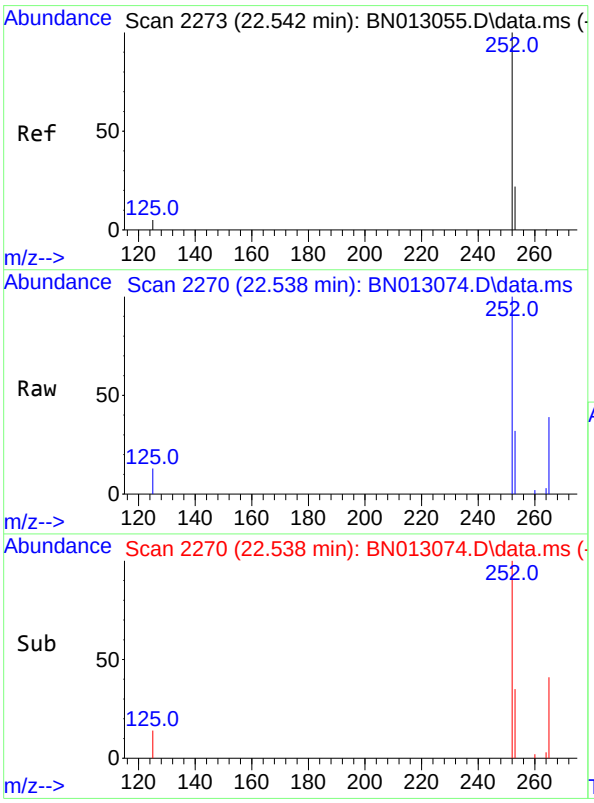


#37
Benzo(b)fluoranthene
Concen: 0.33 ng
RT: 22.497 min Scan# 2258
Delta R.T. -0.004 min
Lab File: BN013074.D
Acq: 12 Dec 2020 04:08

Tgt Ion:252 Resp: 3580

Ion	Ratio	Lower	Upper
252	100		
253	31.3	20.1	30.1#
125	13.2	7.2	10.8#

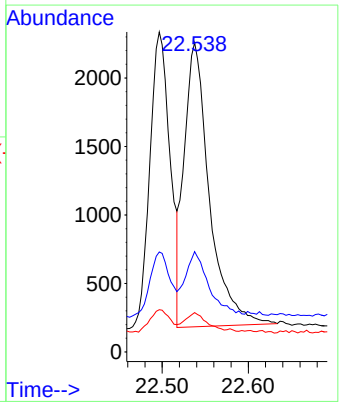




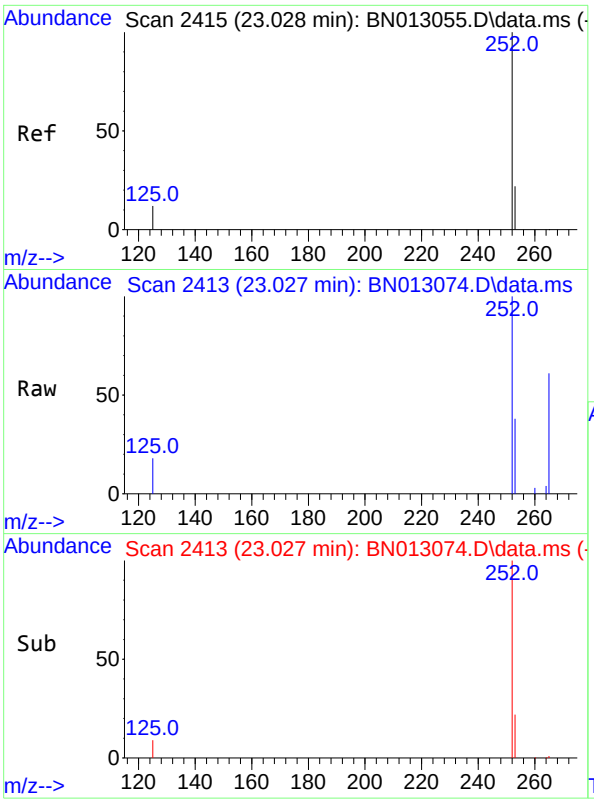
#38
Benzo(k)fluoranthene
Concen: 0.37 ng
RT: 22.538 min Scan# 2270
Delta R.T. -0.004 min
Lab File: BN013074.D
Acq: 12 Dec 2020 04:08

Tgt Ion:252 Resp: 4208

Ion	Ratio	Lower	Upper
252	100		
253	32.4	19.8	29.8#
125	12.7	7.1	10.7#



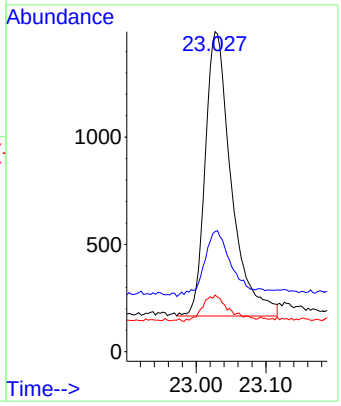
Instrument :
BNA_N
ClientSampleId :
PB133531BS

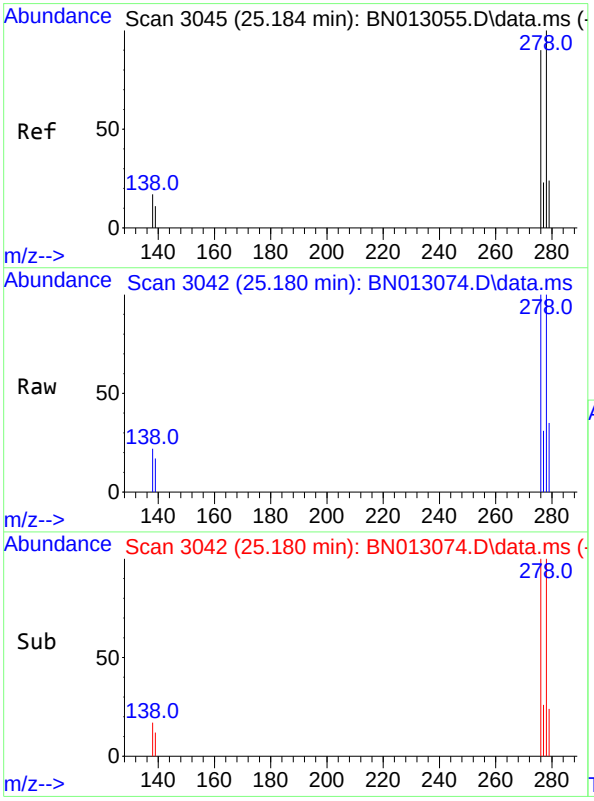


#39
Benzo(a)pyrene
Concen: 0.34 ng
RT: 23.027 min Scan# 2413
Delta R.T. -0.001 min
Lab File: BN013074.D
Acq: 12 Dec 2020 04:08

Tgt Ion:252 Resp: 3442

Ion	Ratio	Lower	Upper
252	100		
253	37.5	21.3	31.9#
125	17.7	8.3	12.5#

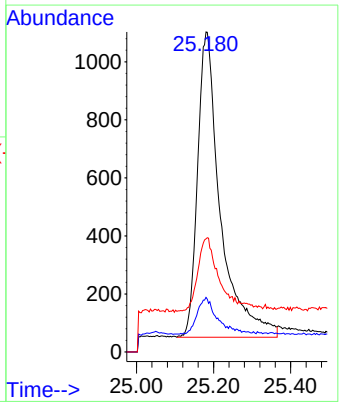


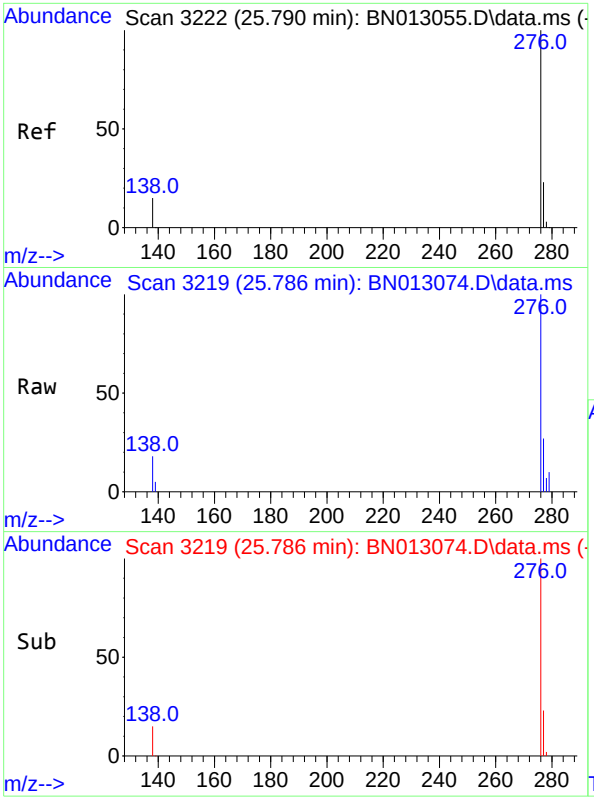


#40
Dibenzo(a,h)anthracene
Concen: 0.39 ng
RT: 25.180 min Scan# 3042
Delta R.T. -0.004 min
Lab File: BN013074.D
Acq: 12 Dec 2020 04:08

Tgt Ion:278 Resp: 4318

Ion	Ratio	Lower	Upper
278	100		
139	17.0	9.3	13.9#
279	35.4	21.6	32.4#

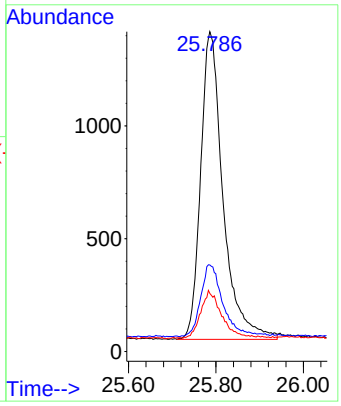




#41
Benzo(g,h,i)perylene
Concen: 0.41 ng
RT: 25.786 min Scan# 3219
Delta R.T. -0.004 min
Lab File: BN013074.D
Acq: 12 Dec 2020 04:08

Tgt Ion:276 Resp: 4855

Ion	Ratio	Lower	Upper
276	100		
277	27.1	19.8	29.8
138	18.2	11.7	17.5#



Instrument :
BNA_N
ClientSampleId :
PB133531BS