Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041621\
Data File : BN014317.D
Acq On : 16 Apr 2021 19:36
Operator : CG/JU
Sample : PB135597BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB135597BS

Quant Time: Apr 17 02:53:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN041621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 16 16:29:41 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.700	152	7179	0.40	ng		0.00
7) Naphthalene-d8	10.467	136	26047	0.40	ng		#-0.01
13) Acenaphthene-d10	14.321	164	13397	0.40	ng		-0.01
19) Phenanthrene-d10	17.068	188	27161	0.40	ng		0.00
29) Chrysene-d12	21.271	240	26710	0.40	ng		0.00
36) Perylene-d12	23.500	264	24449	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.301	112	7069	0.45	ng		0.00
5) Phenol-d6	6.871	99	8754	0.44	ng		0.00
8) Nitrobenzene-d5	8.845	82	6879	0.42	ng		0.00
11) 2-Methylnaphthalene-d10	12.066	152	17828	0.45	ng		0.00
14) 2,4,6-Tribromophenol	15.818	330	1894	0.39	ng		0.00
15) 2-Fluorobiphenyl	12.951	172	23661	0.45	ng		0.00
27) Fluoranthene-d10	19.109	212	32721	0.44	ng		0.00
31) Terphenyl-d14	19.715	244	26634	0.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.263	88	4094	0.45	ng		94
3) n-Nitrosodimethylamine	3.609	42	1841	0.36	ng	#	91
6) bis(2-Chloroethyl)ether	7.129	93	8274	0.46	ng		99
9) Naphthalene	10.518	128	29614	0.45	ng		100
10) Hexachlorobutadiene	10.822	225	5917	0.45	ng	#	99
12) 2-Methylnaphthalene	12.138	142	19086	0.45	ng		98
16) Acenaphthylene	14.042	152	20813	0.41	ng		99
17) Acenaphthene	14.384	154	16707	0.44	ng		99
18) Fluorene	15.374	166	20079	0.43	ng		99
20) 4,6-Dinitro-2-methylph...	15.450	198	1155	0.41	ng		91
21) 4-Bromophenyl-phenylether	16.277	248	6323	0.44	ng		98
22) Hexachlorobenzene	16.386	284	8375	0.45	ng		99
23) Atrazine	16.544	200	3535	0.40	ng		99
24) Pentachlorophenol	16.727	266	1782	0.36	ng		98
25) Phenanthrene	17.116	178	33962	0.45	ng		100
26) Anthracene	17.202	178	25510	0.42	ng		100
28) Fluoranthene	19.139	202	36328	0.43	ng		100
30) Pyrene	19.506	202	36067	0.48	ng		100
32) Benzo(a)anthracene	21.250	228	31503	0.44	ng		99
33) Chrysene	21.303	228	39218	0.46	ng		100
34) Bis(2-ethylhexyl)phtha...	21.197	149	9032	0.45	ng		100
35) Indeno(1,2,3-cd)pyrene	25.738	276	51031	0.49	ng		99
37) Benzo(b)fluoranthene	22.832	252	44559	0.42	ng		99
38) Benzo(k)fluoranthene	22.873	252	45355	0.44	ng		100
39) Benzo(a)pyrene	23.404	252	34720	0.44	ng	#	96
40) Dibenzo(a,h)anthracene	25.755	278	41788	0.45	ng		100
41) Benzo(g,h,i)perylene	26.419	276	43466	0.44	ng		99

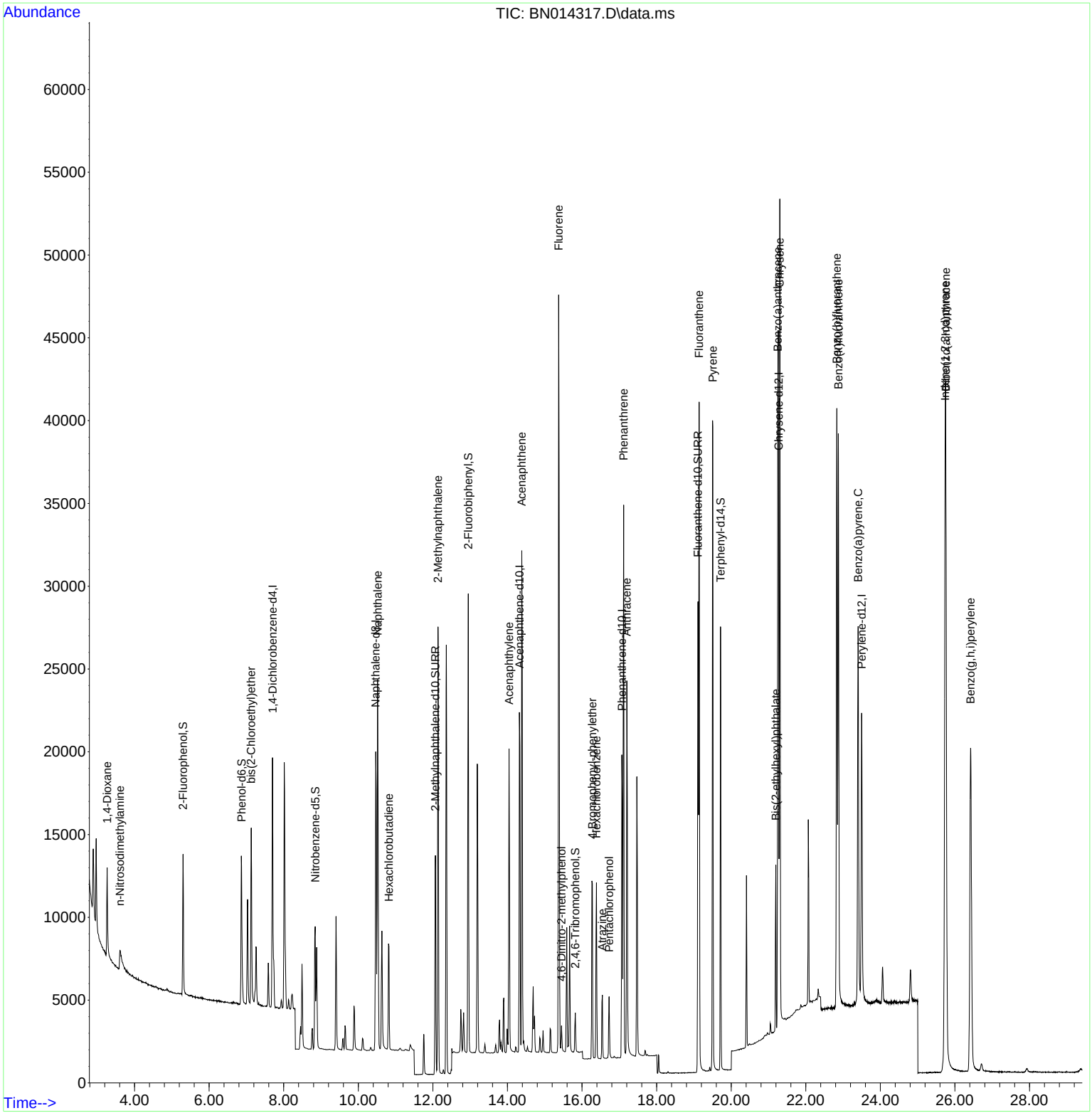
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

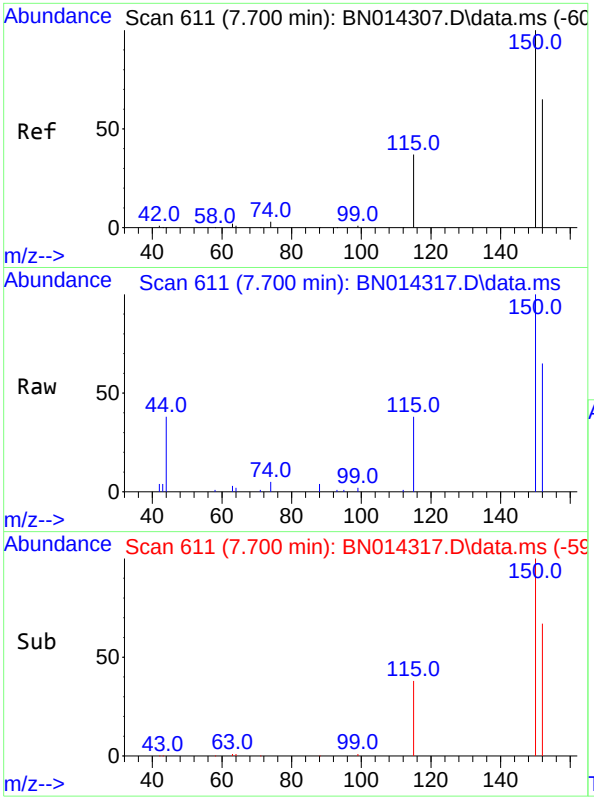
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041621\
Data File : BN014317.D
Acq On : 16 Apr 2021 19:36
Operator : CG/JU
Sample : PB135597BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB135597BS

Quant Time: Apr 17 02:53:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN041621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 16 16:29:41 2021
Response via : Initial Calibration



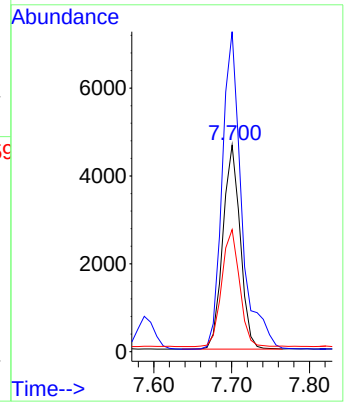
Instrument :
BNA_N
ClientSampleId :
PB135597BS

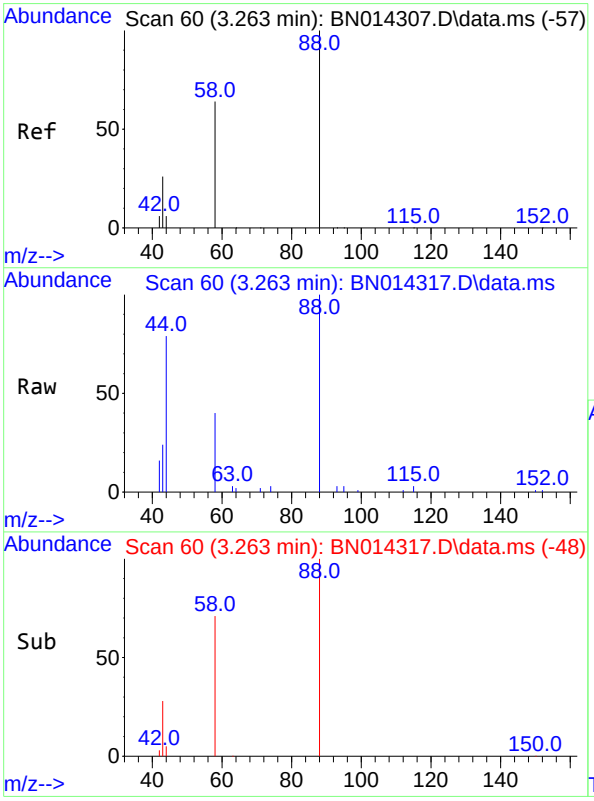


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.700 min Scan# 611
Delta R.T. 0.000 min
Lab File: BN014317.D
Acq: 16 Apr 2021 19:36

Tgt Ion:152 Resp: 7179

Ion	Ratio	Lower	Upper
152	100		
150	154.9	123.0	184.4
115	59.1	47.6	71.4

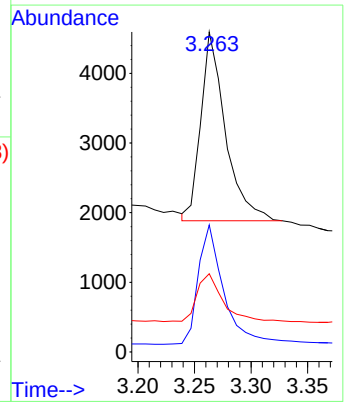




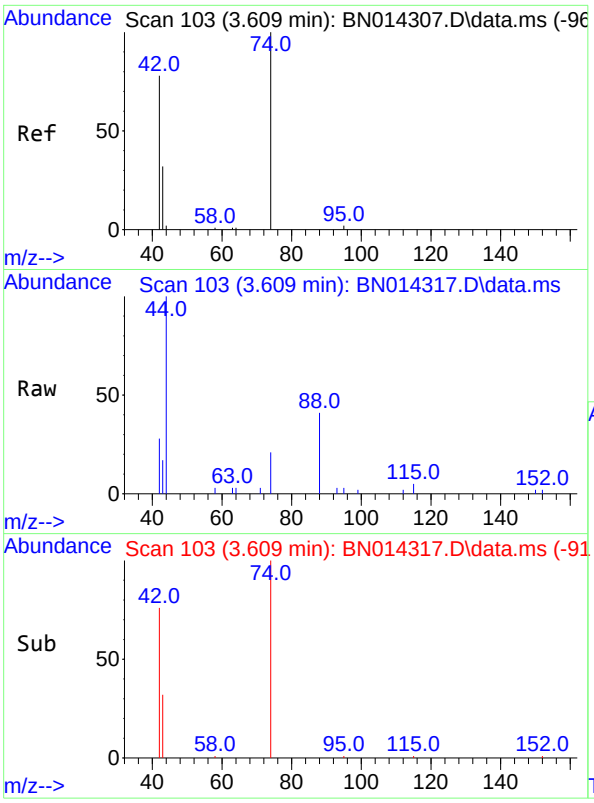
#2
1,4-Dioxane
Concen: 0.45 ng
RT: 3.263 min Scan# 60
Delta R.T. 0.000 min
Lab File: BN014317.D
Acq: 16 Apr 2021 19:36

Tgt Ion: 88 Resp: 4094

Ion	Ratio	Lower	Upper
88	100		
58	65.5	47.3	70.9
43	26.3	20.6	31.0



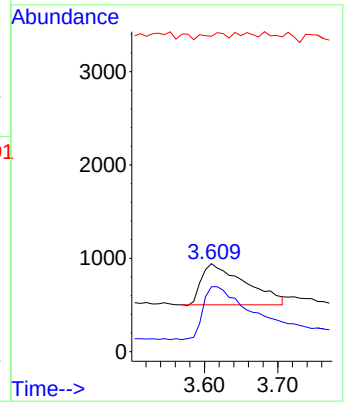
Instrument :
BNA_N
ClientSampleId :
PB135597BS

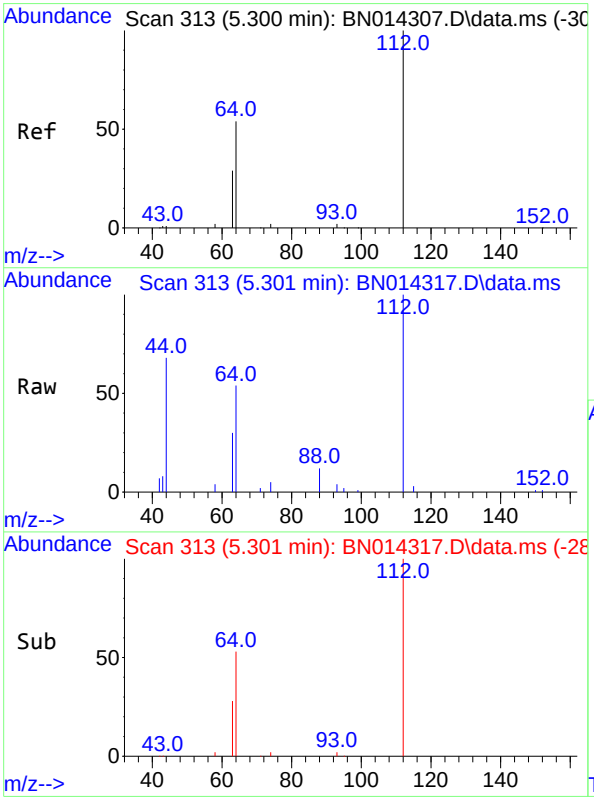


#3
n-Nitrosodimethylamine
Concen: 0.36 ng
RT: 3.609 min Scan# 103
Delta R.T. 0.000 min
Lab File: BN014317.D
Acq: 16 Apr 2021 19:36

Tgt Ion: 42 Resp: 1841

Ion	Ratio	Lower	Upper
42	100		
74	141.1	104.6	157.0
44	7.6	2.4	3.6#

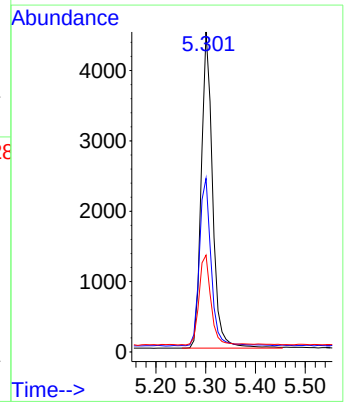


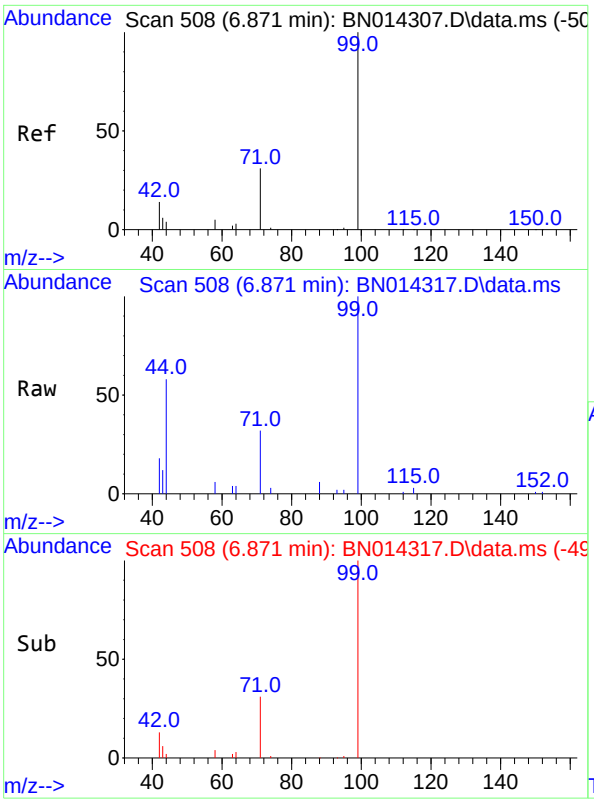


#4
2-Fluorophenol
Concen: 0.45 ng
RT: 5.301 min Scan# 313
Delta R.T. 0.000 min
Lab File: BN014317.D
Acq: 16 Apr 2021 19:36

Tgt Ion:112 Resp: 7069

Ion	Ratio	Lower	Upper
112	100		
64	55.3	43.7	65.5
63	29.4	23.8	35.8

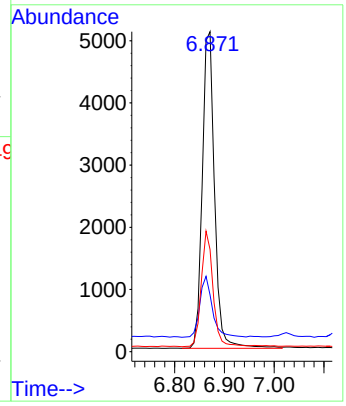




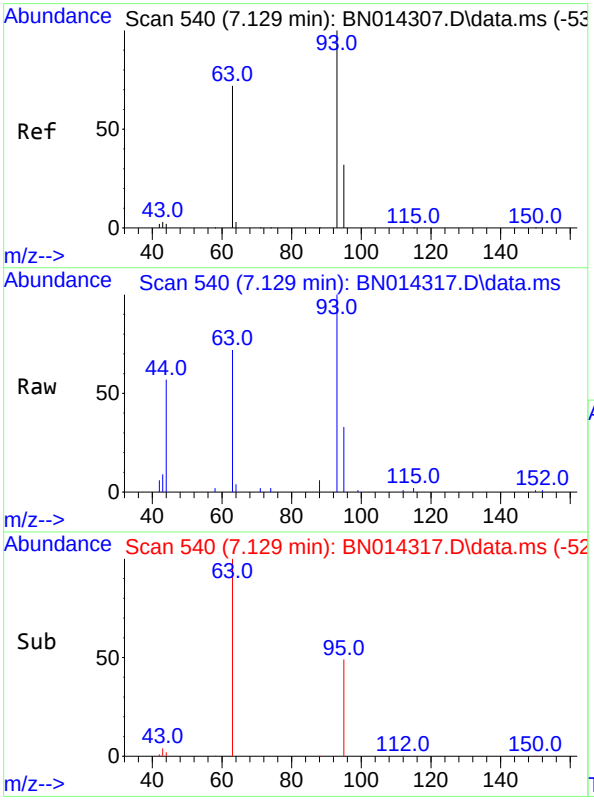
#5
Phenol-d6
Concen: 0.44 ng
RT: 6.871 min Scan# 508
Delta R.T. 0.000 min
Lab File: BN014317.D
Acq: 16 Apr 2021 19:36

Tgt Ion: 99 Resp: 8754

Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.7	23.5
71	34.7	27.6	41.4



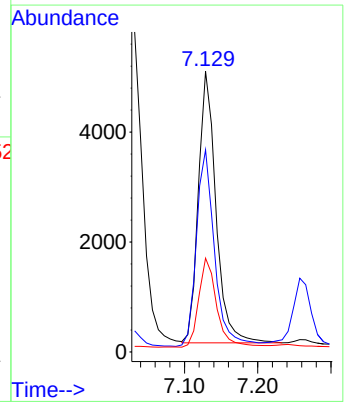
Instrument :
BNA_N
ClientSampleId :
PB135597BS



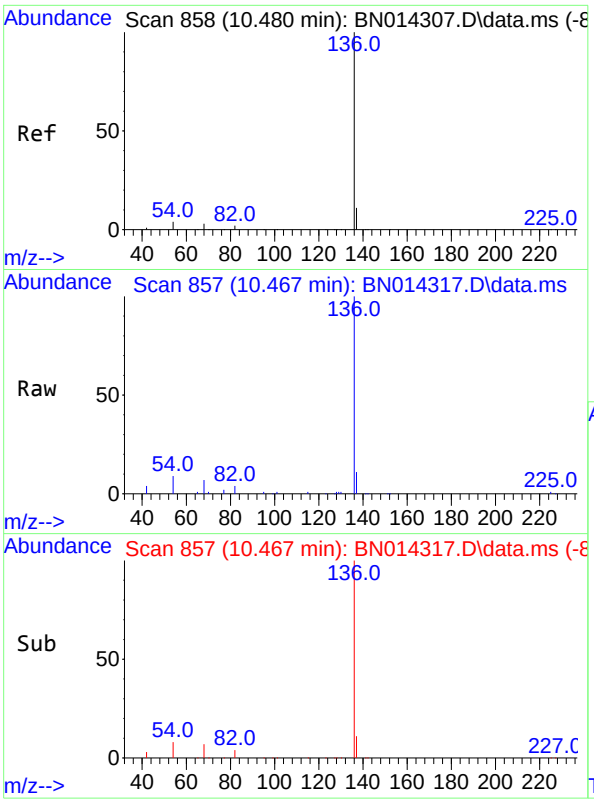
#6
bis(2-Chloroethyl)ether
Concen: 0.46 ng
RT: 7.129 min Scan# 540
Delta R.T. 0.000 min
Lab File: BN014317.D
Acq: 16 Apr 2021 19:36

Tgt Ion: 93 Resp: 8274

Ion	Ratio	Lower	Upper
93	100		
63	74.4	58.2	87.4
95	33.7	26.7	40.1



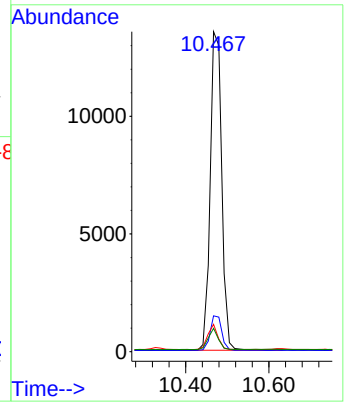
Instrument :
BNA_N
ClientSampleId :
PB135597BS

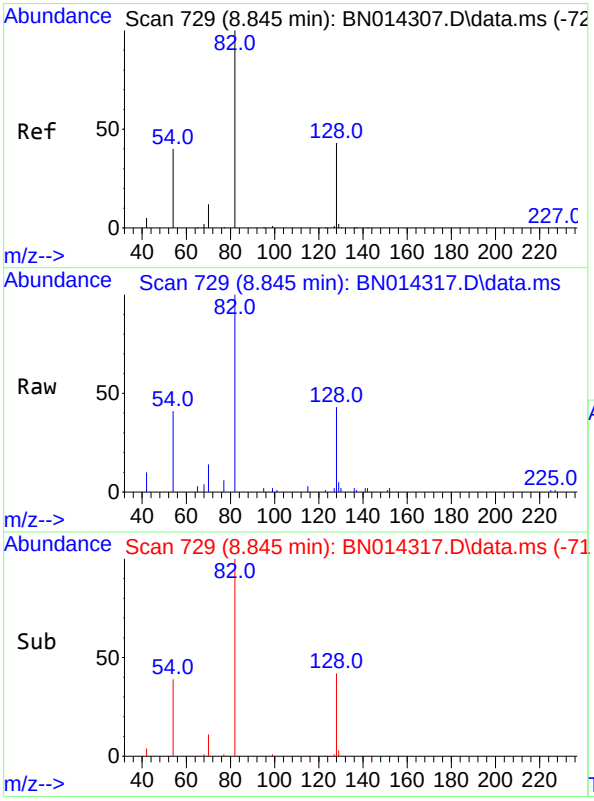


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. -0.013 min
Lab File: BN014317.D
Acq: 16 Apr 2021 19:36

Tgt Ion:136 Resp: 26047

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	8.5	3.5	5.3#
68	7.3	3.4	5.2#

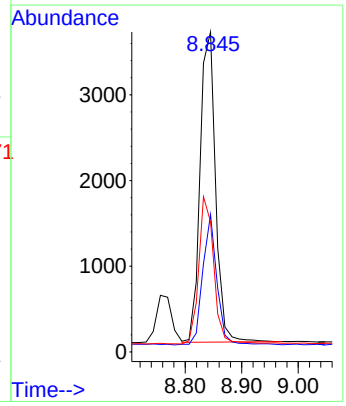




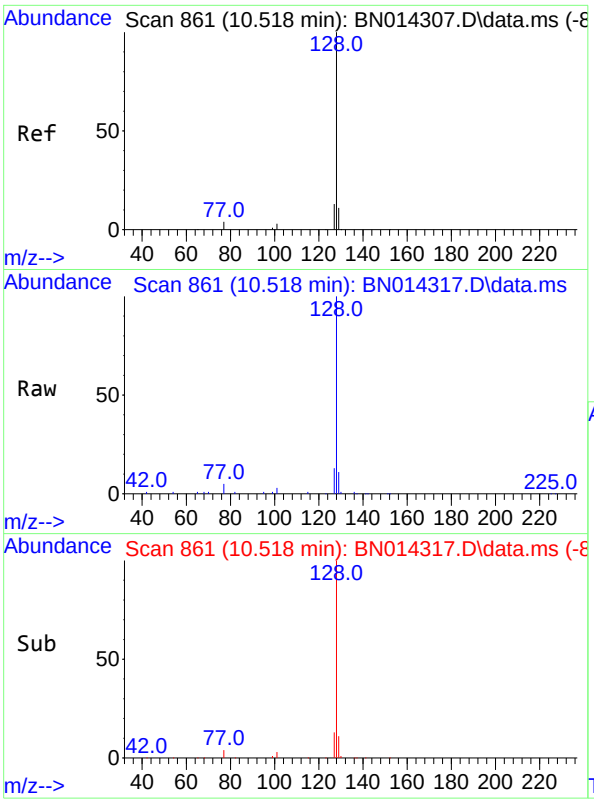
#8
Nitrobenzene-d5
Concen: 0.42 ng
RT: 8.845 min Scan# 729
Delta R.T. 0.000 min
Lab File: BN014317.D
Acq: 16 Apr 2021 19:36

Tgt Ion: 82 Resp: 6879

Ion	Ratio	Lower	Upper
82	100		
128	43.0	35.3	52.9
54	40.7	33.4	50.2



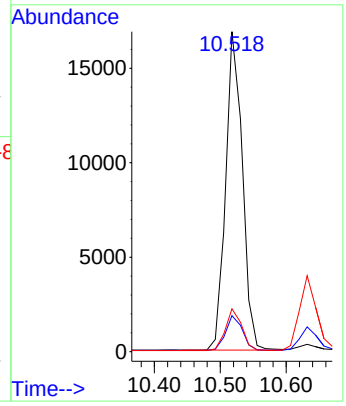
Instrument :
BNA_N
ClientSampleId :
PB135597BS

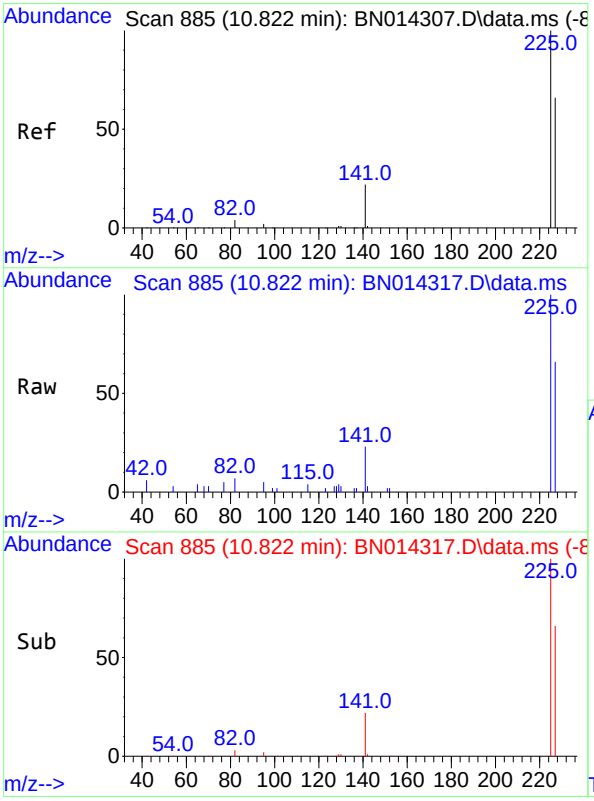


#9
Naphthalene
Concen: 0.45 ng
RT: 10.518 min Scan# 861
Delta R.T. 0.000 min
Lab File: BN014317.D
Acq: 16 Apr 2021 19:36

Tgt Ion:128 Resp: 29614

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	13.4	10.7	16.1

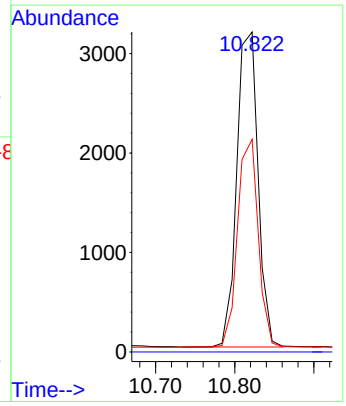




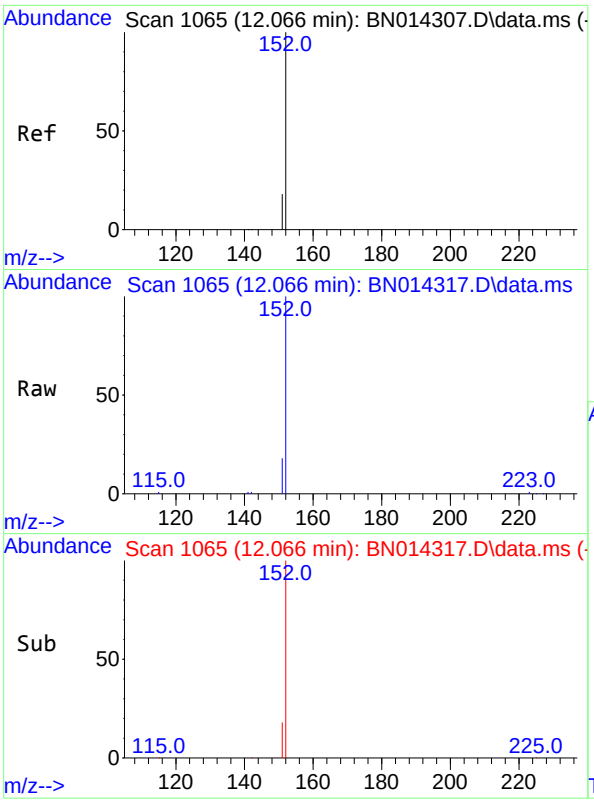
#10
Hexachlorobutadiene
Concen: 0.45 ng
RT: 10.822 min Scan# 885
Delta R.T. 0.000 min
Lab File: BN014317.D
Acq: 16 Apr 2021 19:36

Tgt Ion:225 Resp: 5917

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.2	50.9	76.3



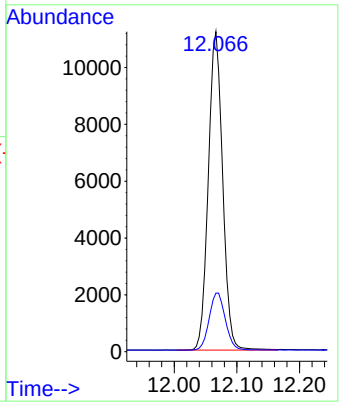
Instrument :
BNA_N
ClientSampleId :
PB135597BS

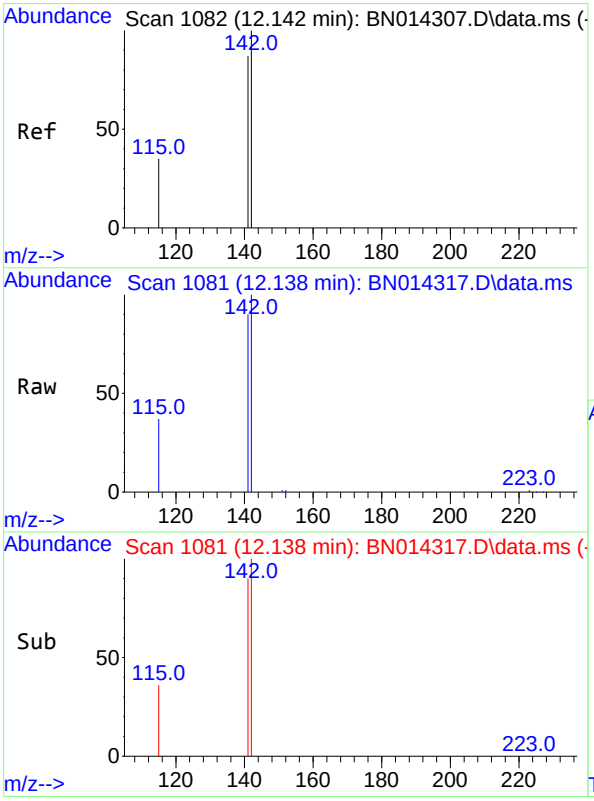


#11
2-Methylnaphthalene-d10
Concen: 0.45 ng
RT: 12.066 min Scan# 1065
Delta R.T. 0.000 min
Lab File: BN014317.D
Acq: 16 Apr 2021 19:36

Tgt Ion:152 Resp: 17828

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.4

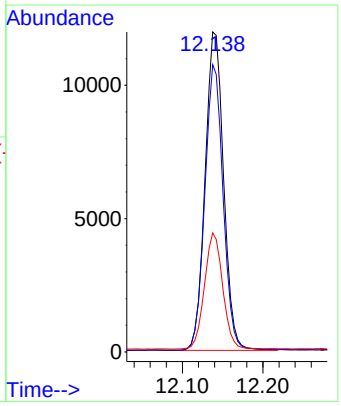




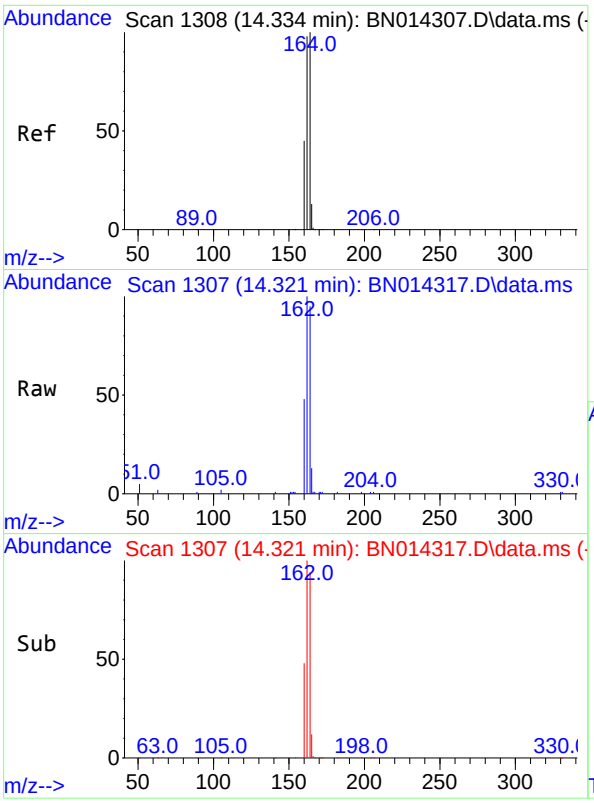
#12
2-Methylnaphthalene
Concen: 0.45 ng
RT: 12.138 min Scan# 1081
Delta R.T. -0.004 min
Lab File: BN014317.D
Acq: 16 Apr 2021 19:36

Tgt Ion:142 Resp: 19086

Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.0	105.0
115	37.2	28.8	43.2



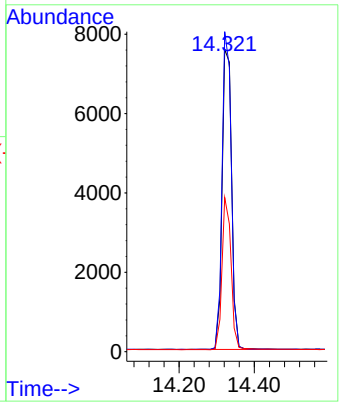
Instrument :
BNA_N
ClientSampleId :
PB135597BS

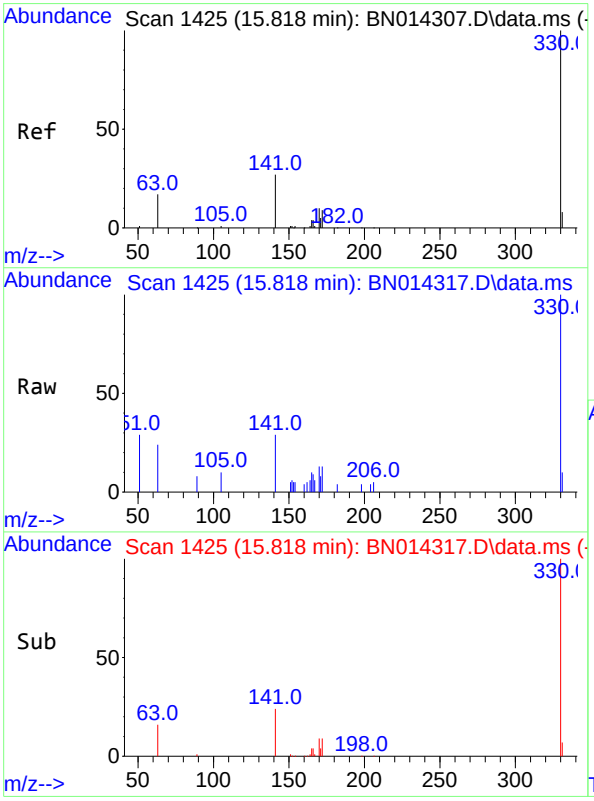


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. -0.013 min
Lab File: BN014317.D
Acq: 16 Apr 2021 19:36

Tgt Ion:164 Resp: 13397

Ion	Ratio	Lower	Upper
164	100		
162	105.8	78.6	117.8
160	50.9	36.2	54.4

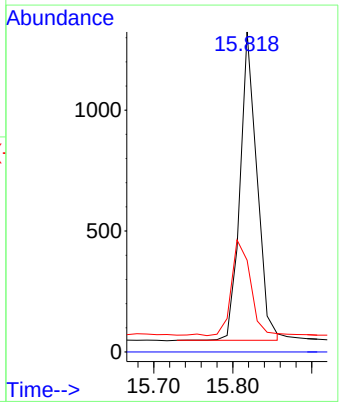




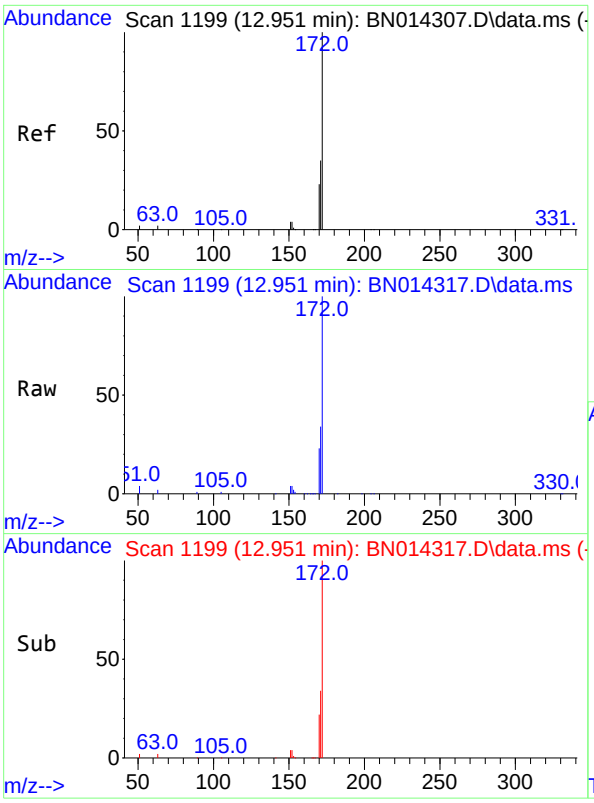
#14
2,4,6-Tribromophenol
Concen: 0.39 ng
RT: 15.818 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BN014317.D
Acq: 16 Apr 2021 19:36

Tgt Ion:330 Resp: 1894

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	34.5	28.8	43.2



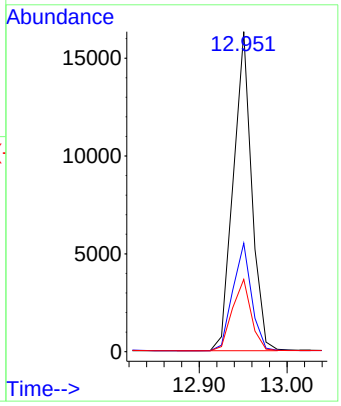
Instrument :
BNA_N
ClientSampleId :
PB135597BS

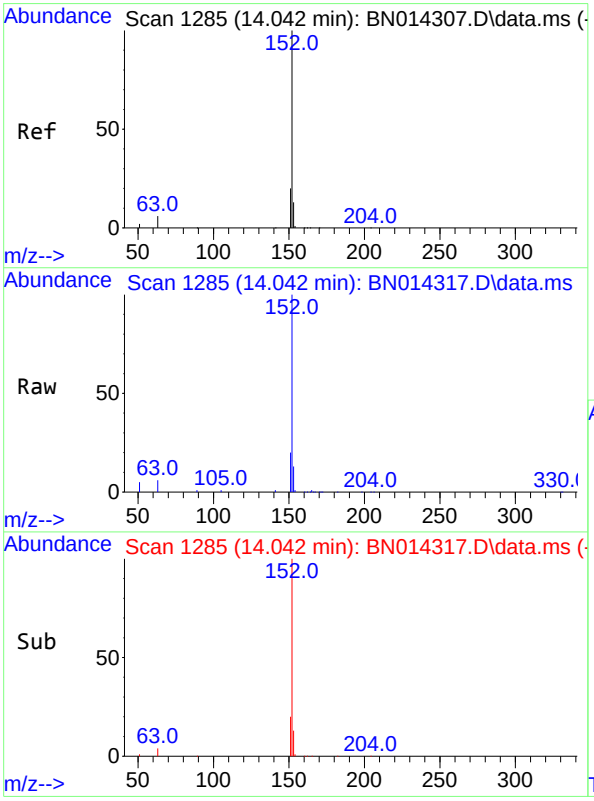


#15
2-Fluorobiphenyl
Concen: 0.45 ng
RT: 12.951 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BN014317.D
Acq: 16 Apr 2021 19:36

Tgt Ion:172 Resp: 23661

Ion	Ratio	Lower	Upper
172	100		
171	33.9	27.9	41.9
170	22.6	18.8	28.2

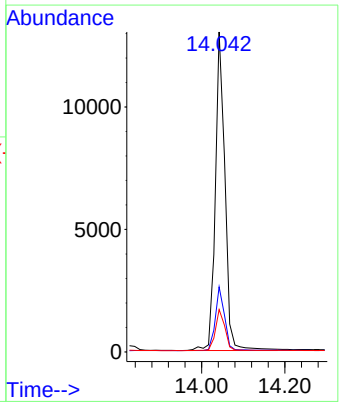




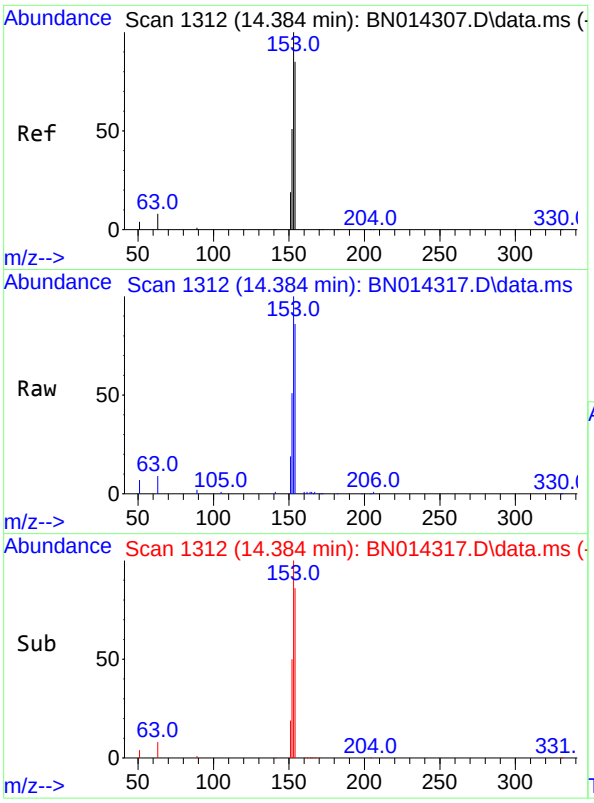
#16
Acenaphthylene
Concen: 0.41 ng
RT: 14.042 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BN014317.D
Acq: 16 Apr 2021 19:36

Tgt Ion:152 Resp: 20813

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.9	23.9
153	12.9	10.6	15.8



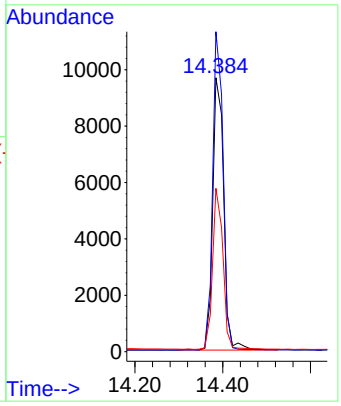
Instrument :
BNA_N
ClientSampleId :
PB135597BS

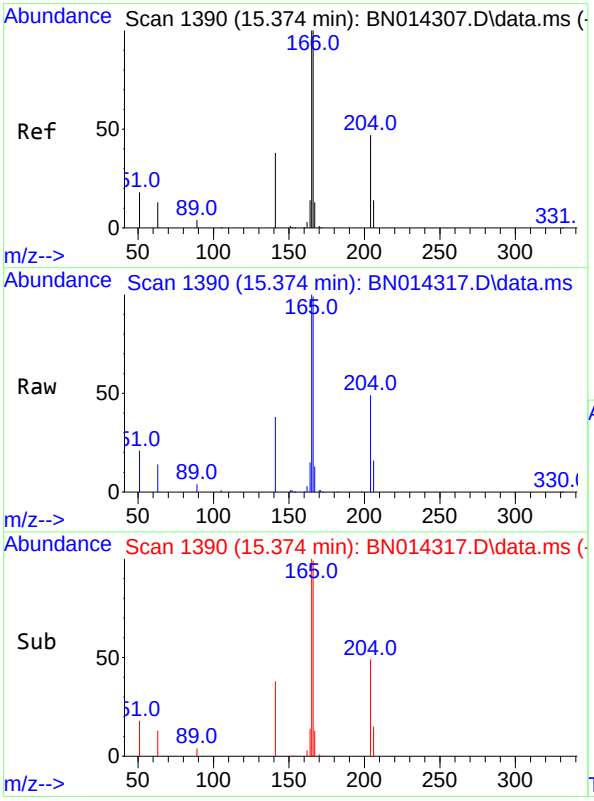


#17
Acenaphthene
Concen: 0.44 ng
RT: 14.384 min Scan# 1312
Delta R.T. 0.000 min
Lab File: BN014317.D
Acq: 16 Apr 2021 19:36

Tgt Ion:154 Resp: 16707

Ion	Ratio	Lower	Upper
154	100		
153	110.6	89.4	134.2
152	55.7	44.7	67.1

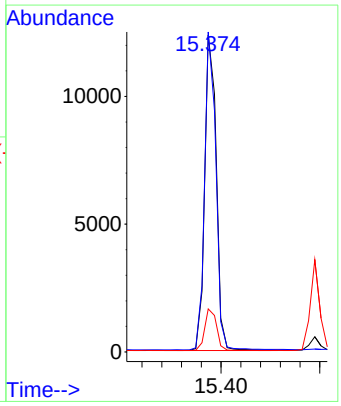




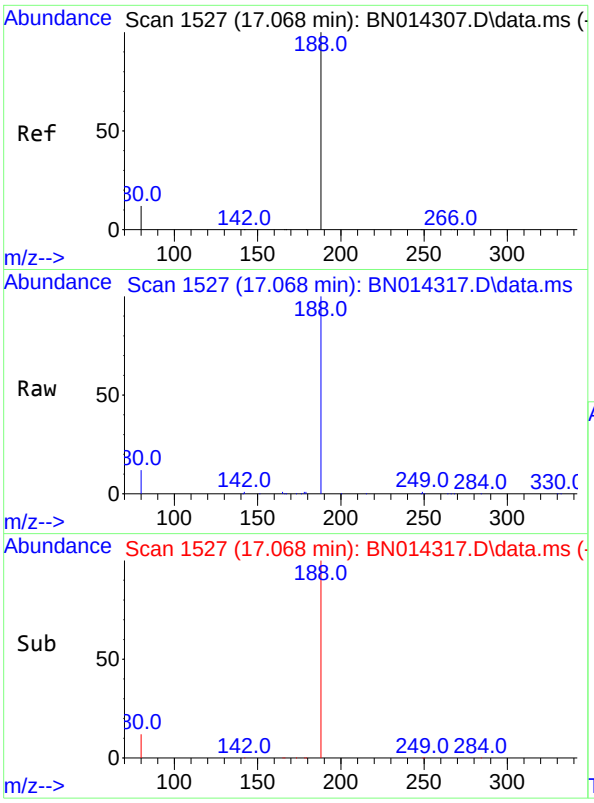
#18
Fluorene
Concen: 0.43 ng
RT: 15.374 min Scan# 1390
Delta R.T. 0.000 min
Lab File: BN014317.D
Acq: 16 Apr 2021 19:36

Tgt Ion:166 Resp: 20079

Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.2	117.2
167	13.4	10.9	16.3



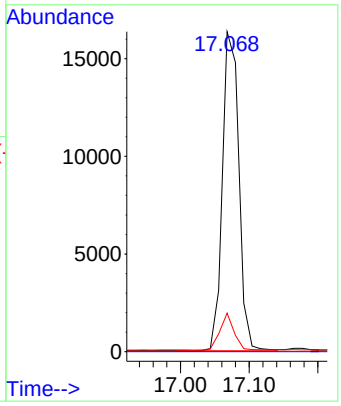
Instrument :
BNA_N
ClientSampleId :
PB135597BS

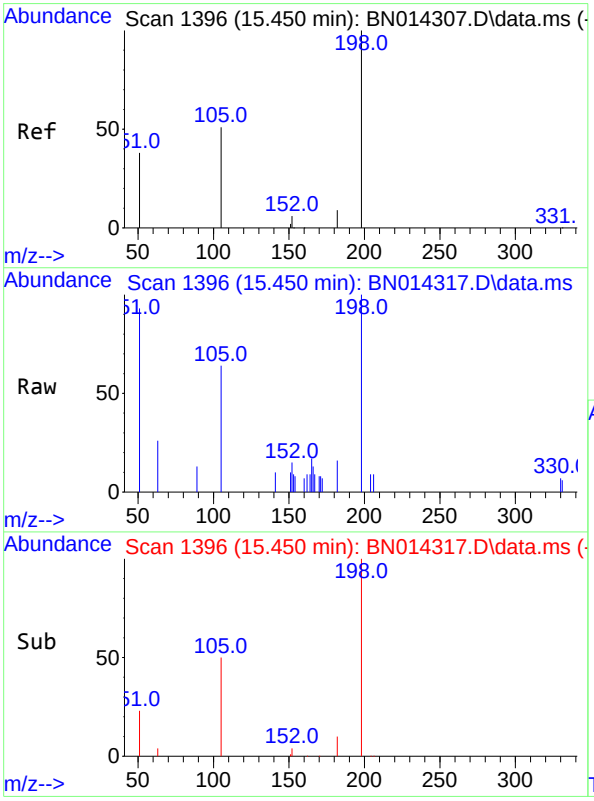


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.068 min Scan# 1527
Delta R.T. 0.000 min
Lab File: BN014317.D
Acq: 16 Apr 2021 19:36

Tgt Ion:188 Resp: 27161

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.0	10.2	15.4

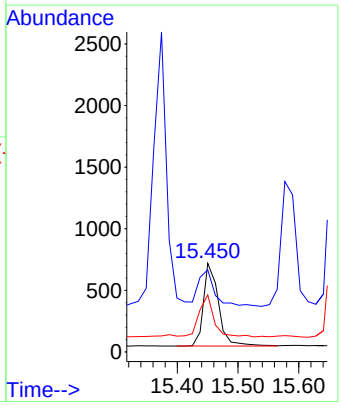




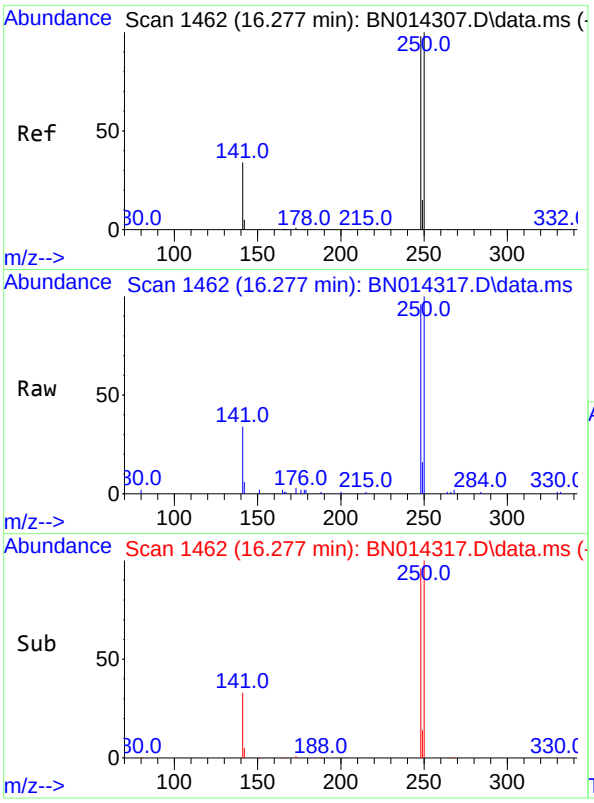
#20
4,6-Dinitro-2-methylphenol
Concen: 0.41 ng
RT: 15.450 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BN014317.D
Acq: 16 Apr 2021 19:36

Tgt Ion:198 Resp: 1155

Ion	Ratio	Lower	Upper
198	100		
51	92.6	82.6	123.8
105	64.4	56.1	84.1



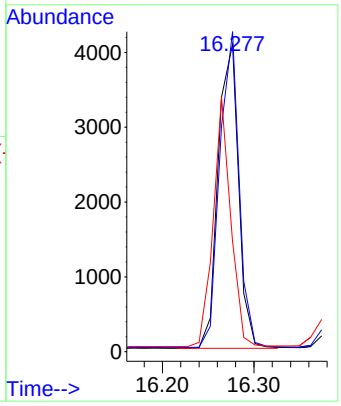
Instrument :
BNA_N
ClientSampleId :
PB135597BS

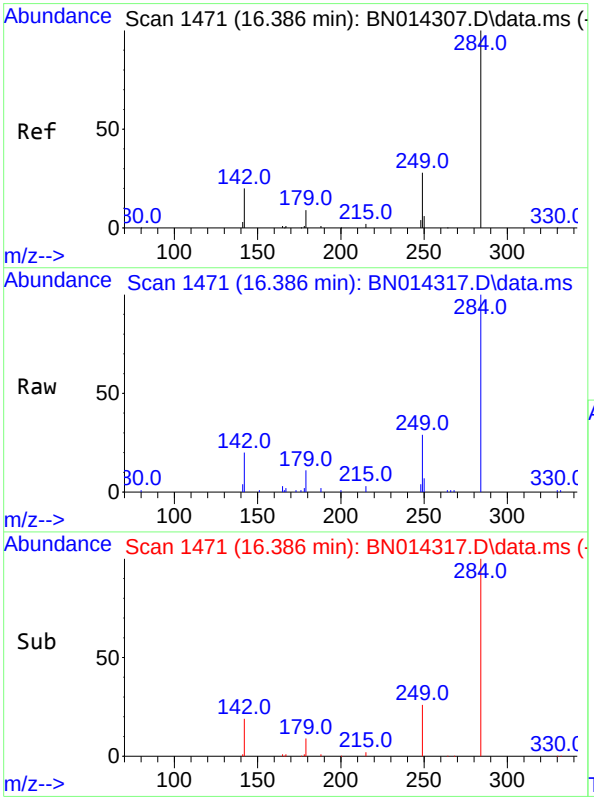


#21
4-Bromophenyl-phenylether
Concen: 0.44 ng
RT: 16.277 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BN014317.D
Acq: 16 Apr 2021 19:36

Tgt Ion:248 Resp: 6323

Ion	Ratio	Lower	Upper
248	100		
250	104.1	81.9	122.9
141	35.8	29.3	43.9

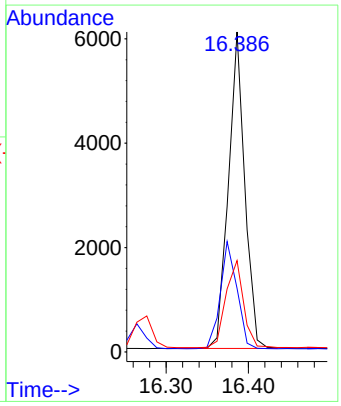




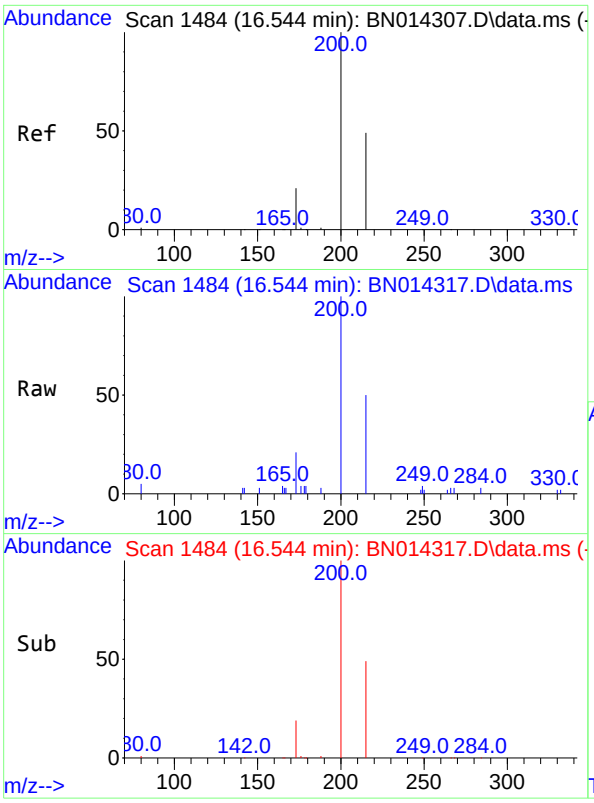
#22
Hexachlorobenzene
Concen: 0.45 ng
RT: 16.386 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BN014317.D
Acq: 16 Apr 2021 19:36

Tgt Ion:284 Resp: 8375

Ion	Ratio	Lower	Upper
284	100		
142	34.4	27.0	40.6
249	29.8	23.7	35.5



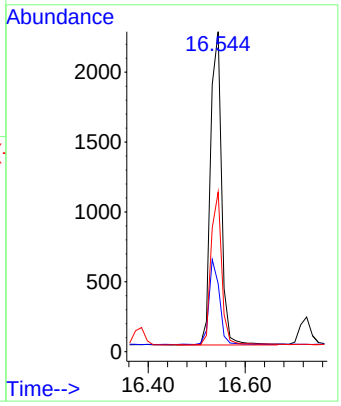
Instrument :
BNA_N
ClientSampleId :
PB135597BS

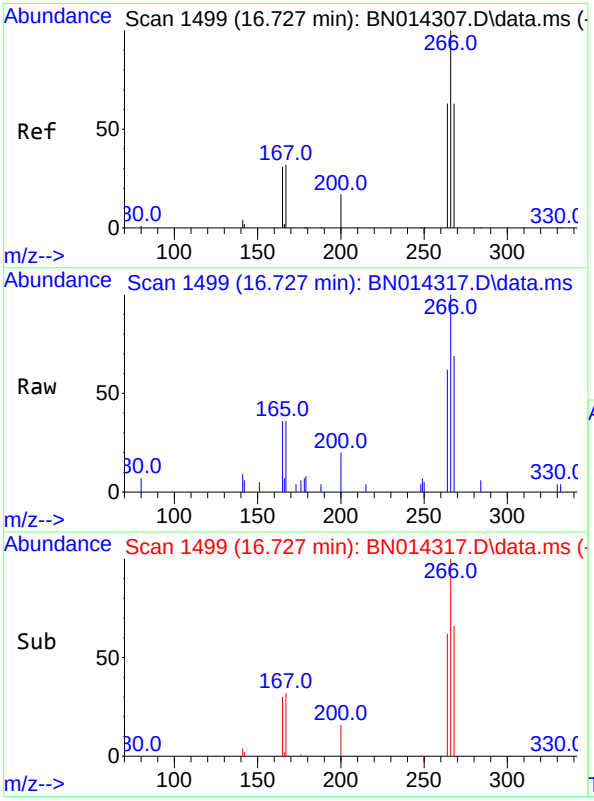


#23
Atrazine
Concen: 0.40 ng
RT: 16.544 min Scan# 1484
Delta R.T. 0.000 min
Lab File: BN014317.D
Acq: 16 Apr 2021 19:36

Tgt Ion:200 Resp: 3535

Ion	Ratio	Lower	Upper
200	100		
173	21.3	18.5	27.7
215	49.9	40.0	60.0

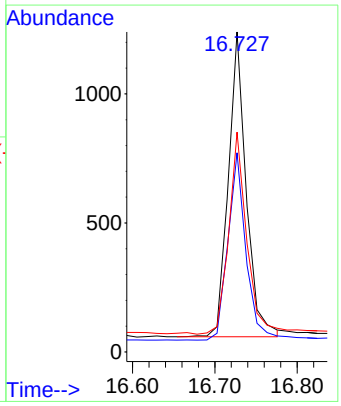




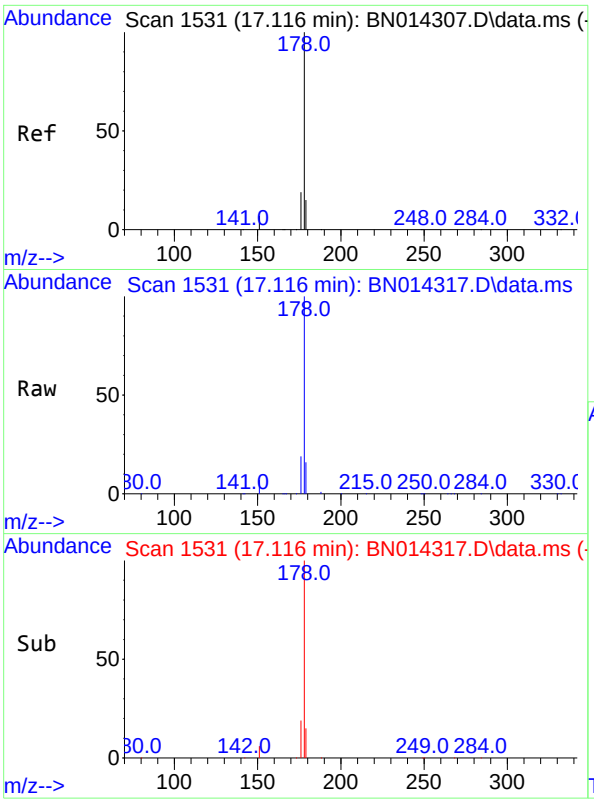
#24
Pentachlorophenol
Concen: 0.36 ng
RT: 16.727 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BN014317.D
Acq: 16 Apr 2021 19:36

Tgt Ion:266 Resp: 1782

Ion	Ratio	Lower	Upper
266	100		
264	61.8	49.8	74.8
268	66.5	50.7	76.1



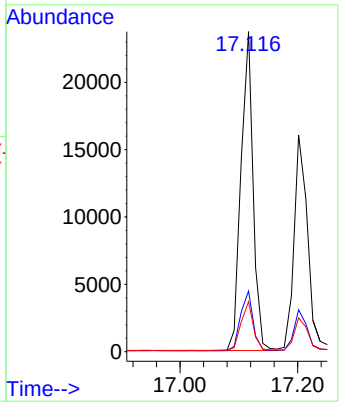
Instrument :
BNA_N
ClientSampleId :
PB135597BS

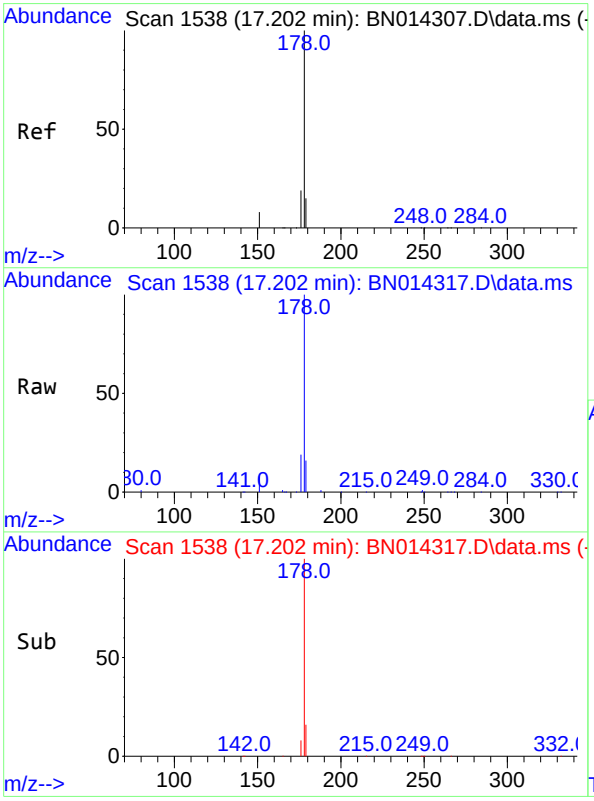


#25
Phenanthrene
Concen: 0.45 ng
RT: 17.116 min Scan# 1531
Delta R.T. 0.000 min
Lab File: BN014317.D
Acq: 16 Apr 2021 19:36

Tgt Ion:178 Resp: 33962

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.3	12.2	18.4

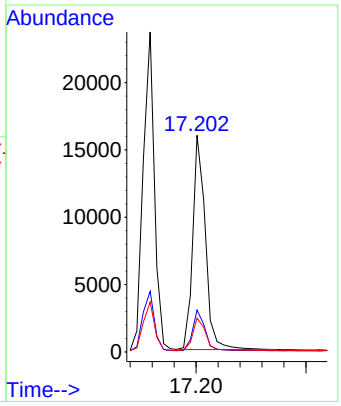


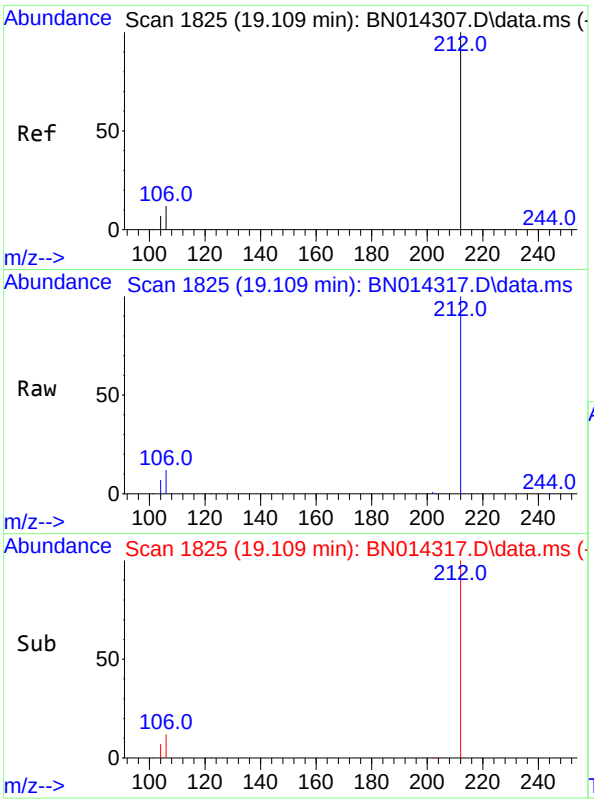


#26
Anthracene
Concen: 0.42 ng
RT: 17.202 min Scan# 1538
Delta R.T. 0.000 min
Lab File: BN014317.D
Acq: 16 Apr 2021 19:36

Tgt Ion:178 Resp: 25510

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.8	22.2
179	15.6	12.2	18.4

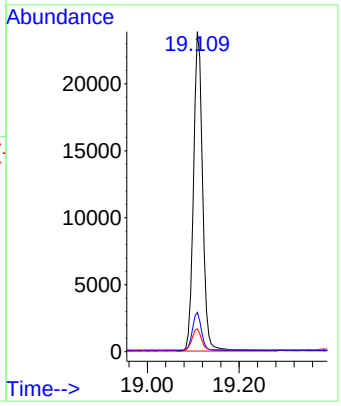




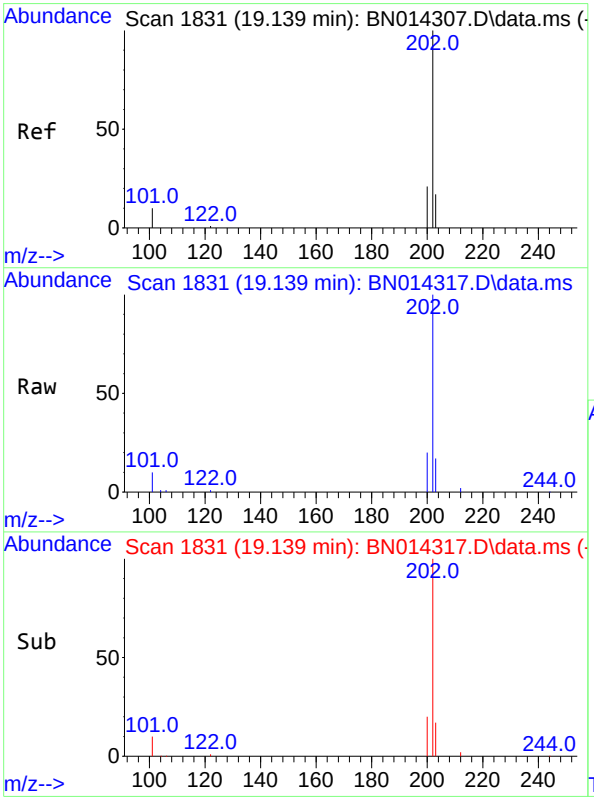
#27
Fluoranthene-d10
Concen: 0.44 ng
RT: 19.109 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BN014317.D
Acq: 16 Apr 2021 19:36

Tgt Ion:212 Resp: 32721

Ion	Ratio	Lower	Upper
212	100		
106	11.8	9.7	14.5
104	6.7	5.5	8.3



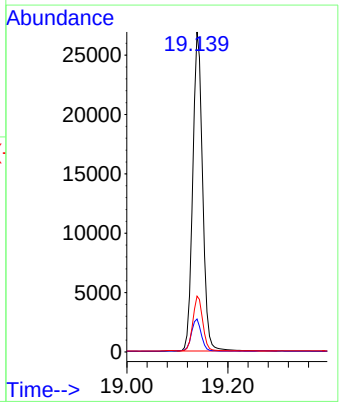
Instrument :
BNA_N
ClientSampleId :
PB135597BS



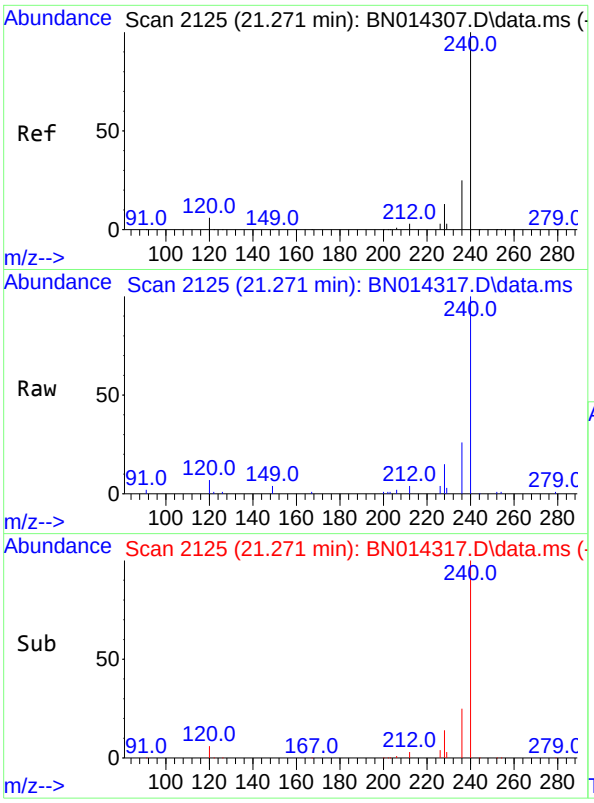
#28
Fluoranthene
Concen: 0.43 ng
RT: 19.139 min Scan# 1831
Delta R.T. 0.000 min
Lab File: BN014317.D
Acq: 16 Apr 2021 19:36

Tgt Ion:202 Resp: 36328

Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.3	12.5
203	17.0	13.8	20.6



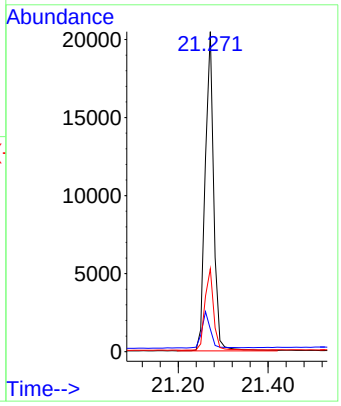
Instrument :
BNA_N
ClientSampleId :
PB135597BS

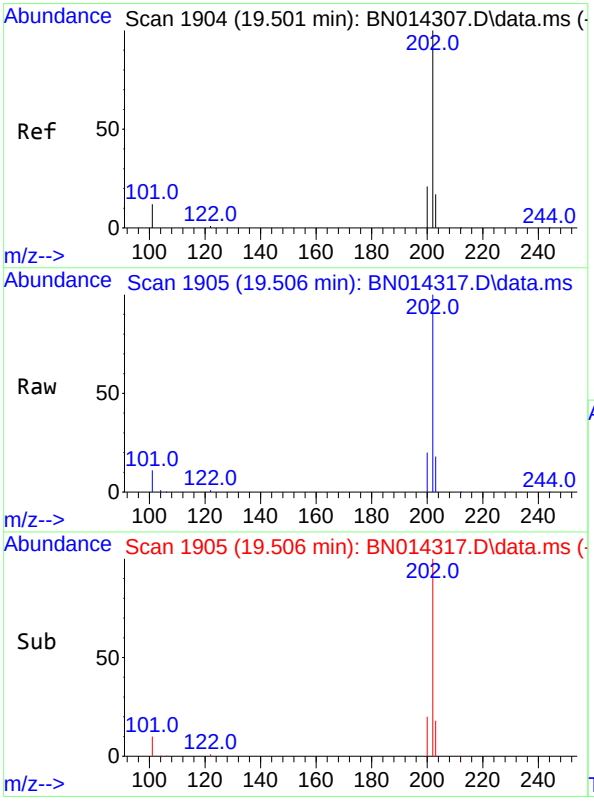


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.271 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BN014317.D
Acq: 16 Apr 2021 19:36

Tgt Ion:240 Resp: 26710

Ion	Ratio	Lower	Upper
240	100		
120	7.0	5.4	8.0
236	25.9	20.4	30.6

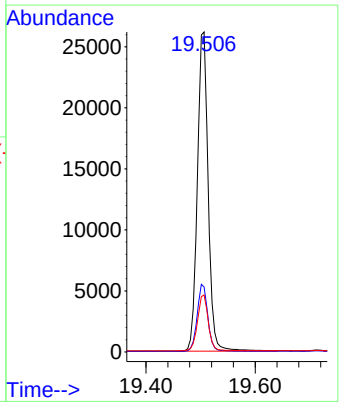




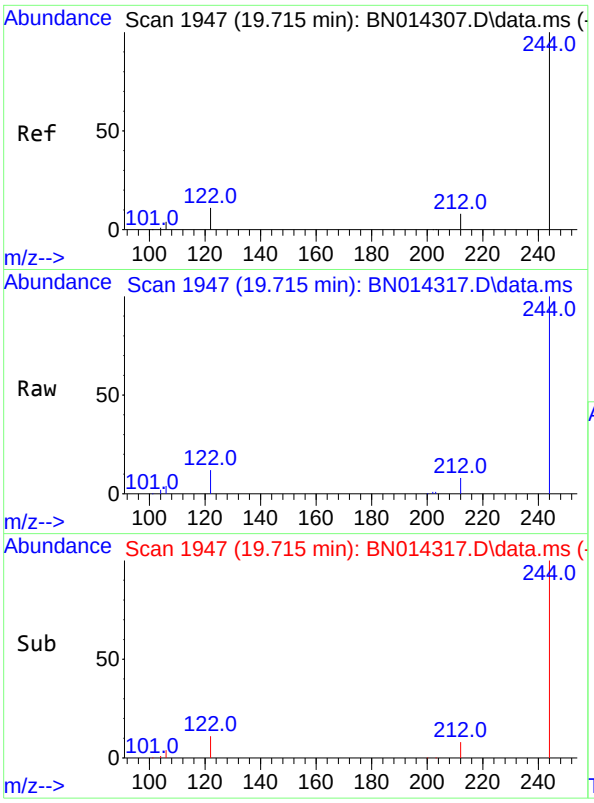
#30
Pyrene
Concen: 0.48 ng
RT: 19.506 min Scan# 1905
Delta R.T. 0.005 min
Lab File: BN014317.D
Acq: 16 Apr 2021 19:36

Tgt Ion:202 Resp: 36067

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	24.8
203	17.4	14.0	21.0



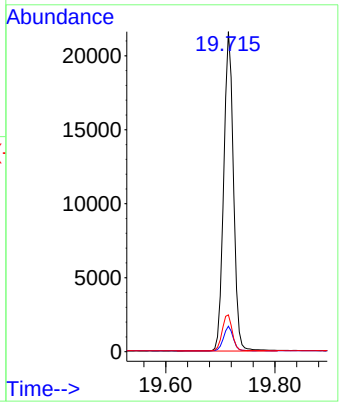
Instrument :
BNA_N
ClientSampleId :
PB135597BS

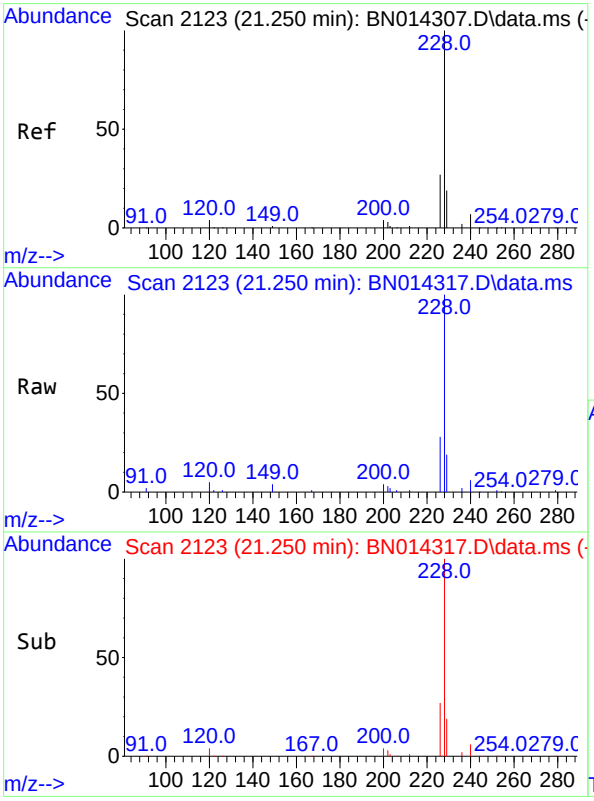


#31
Terphenyl-d14
Concen: 0.48 ng
RT: 19.715 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BN014317.D
Acq: 16 Apr 2021 19:36

Tgt Ion:244 Resp: 26634

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.4
122	11.5	9.0	13.6

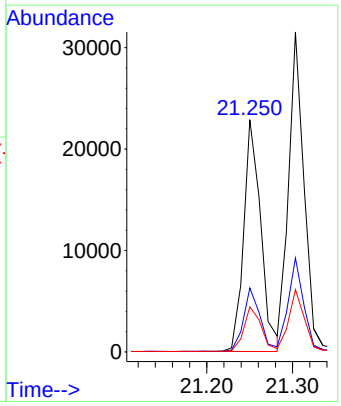




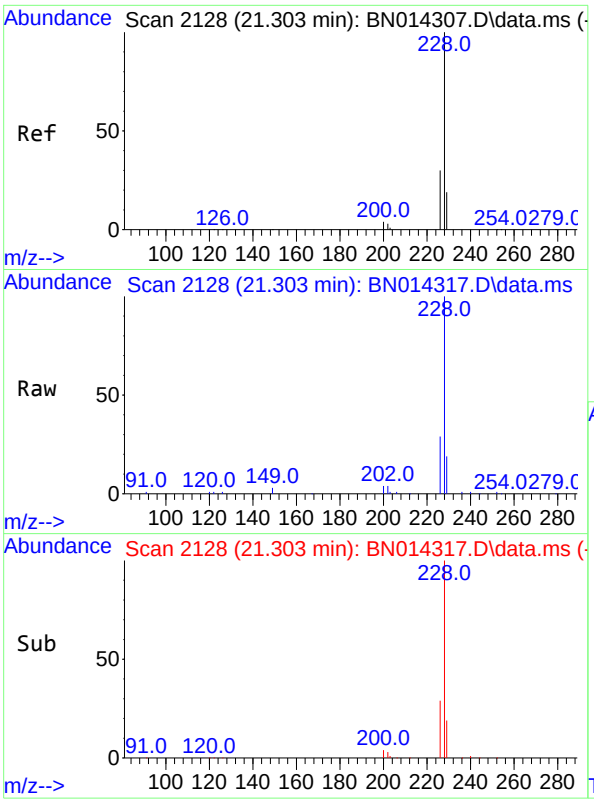
#32
Benzo(a)anthracene
Concen: 0.44 ng
RT: 21.250 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BN014317.D
Acq: 16 Apr 2021 19:36

Tgt Ion:228 Resp: 31503

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.7	32.5
229	19.4	15.7	23.5



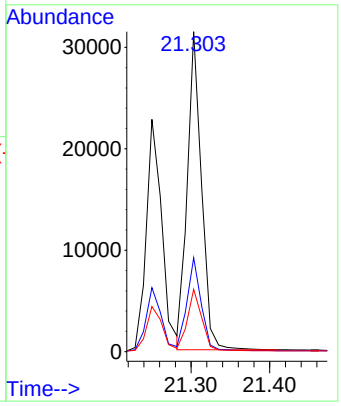
Instrument :
BNA_N
ClientSampleId :
PB135597BS

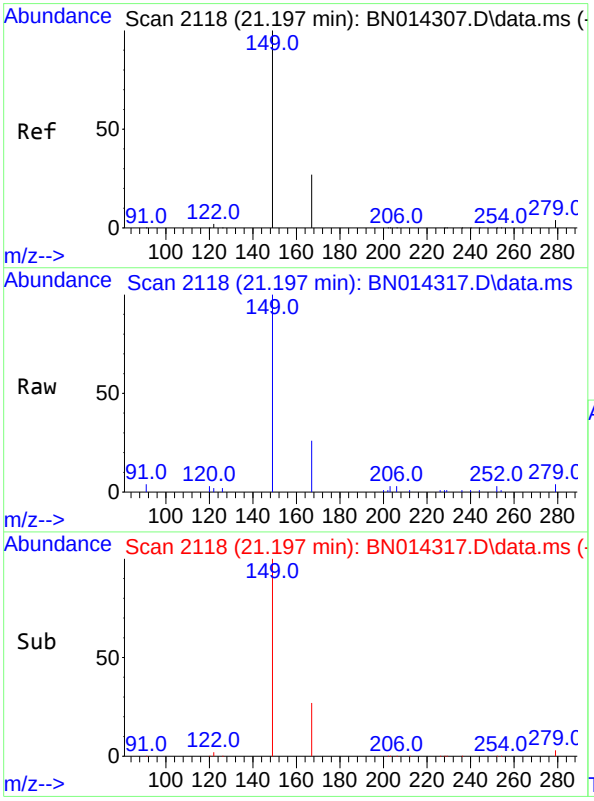


#33
Chrysene
Concen: 0.46 ng
RT: 21.303 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BN014317.D
Acq: 16 Apr 2021 19:36

Tgt Ion:228 Resp: 39218

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.8	35.6
229	19.5	15.6	23.4

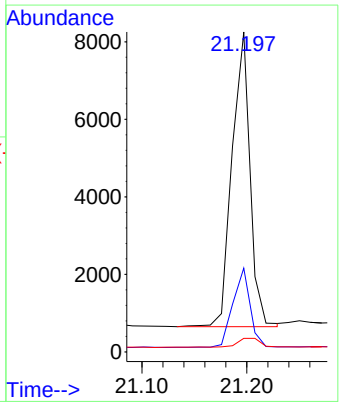




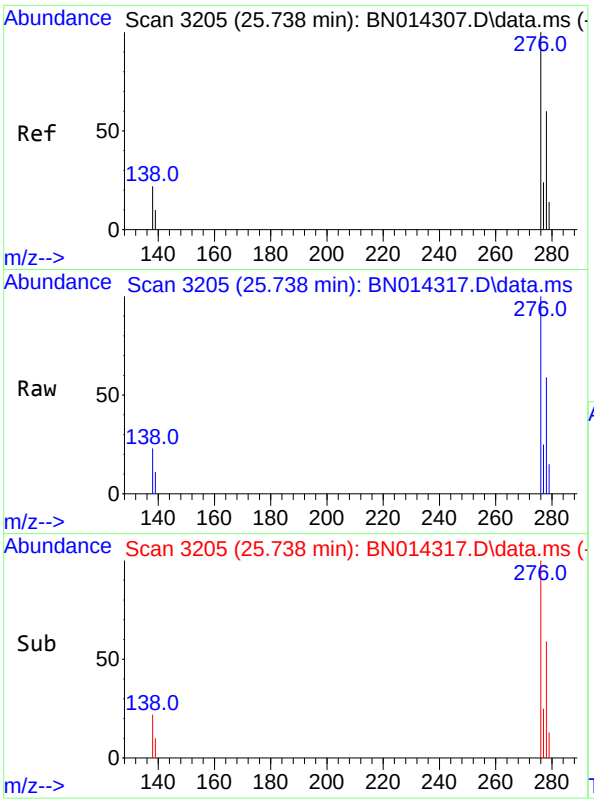
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.45 ng
RT: 21.197 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BN014317.D
Acq: 16 Apr 2021 19:36

Tgt Ion:149 Resp: 9032

Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.0	31.4
279	3.9	3.3	4.9



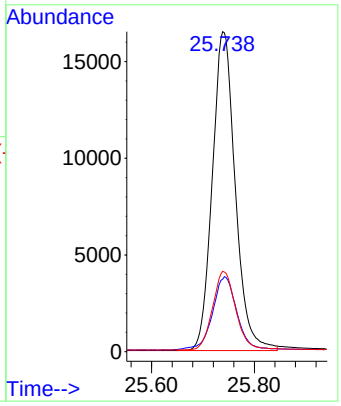
Instrument :
BNA_N
ClientSampleId :
PB135597BS

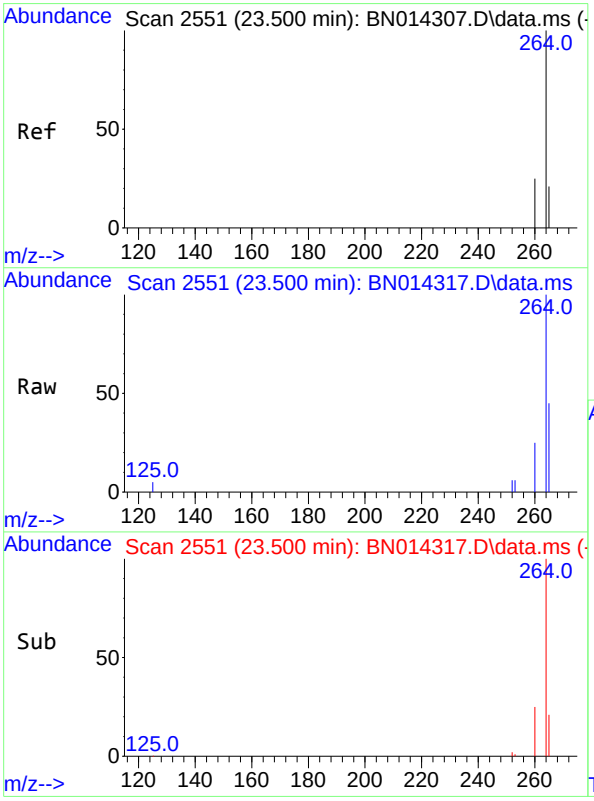


#35
Indeno(1,2,3-cd)pyrene
Concen: 0.49 ng
RT: 25.738 min Scan# 3205
Delta R.T. 0.000 min
Lab File: BN014317.D
Acq: 16 Apr 2021 19:36

Tgt Ion:276 Resp: 51031

Ion	Ratio	Lower	Upper
276	100		
138	23.9	18.3	27.5
277	24.8	19.9	29.9

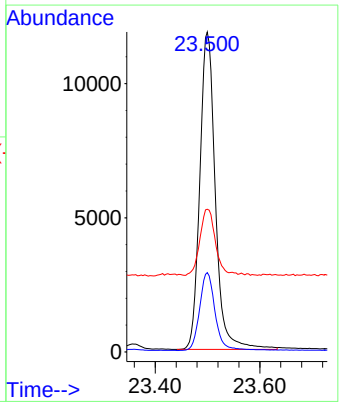




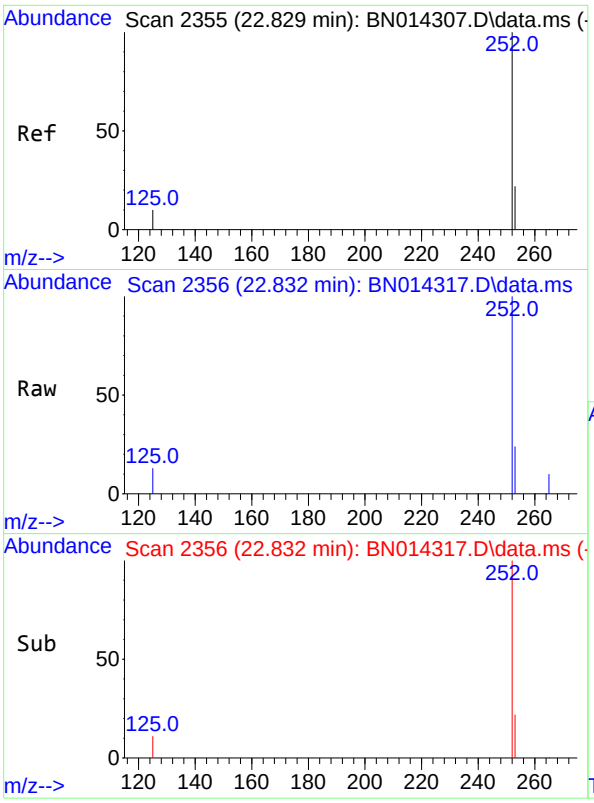
#36
Perylene-d12
Concen: 0.40 ng
RT: 23.500 min Scan# 2551
Delta R.T. 0.000 min
Lab File: BN014317.D
Acq: 16 Apr 2021 19:36

Tgt Ion:264 Resp: 24449

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.0	30.0
265	44.6	37.8	56.8



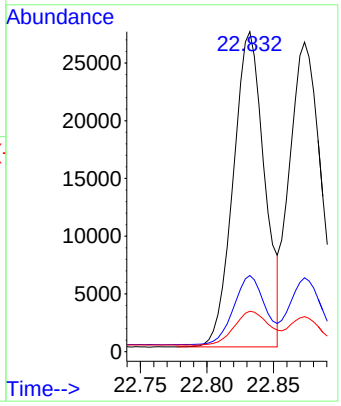
Instrument :
BNA_N
ClientSampleId :
PB135597BS

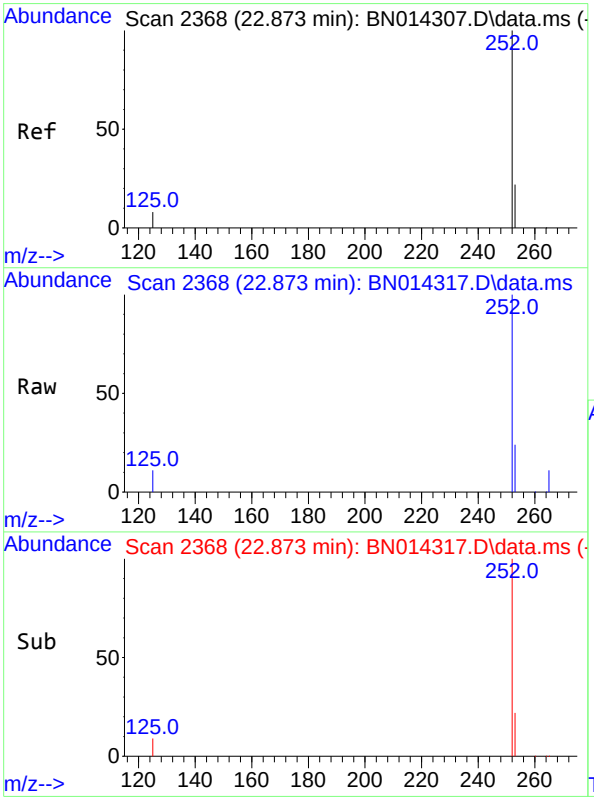


#37
Benzo(b)fluoranthene
Concen: 0.42 ng
RT: 22.832 min Scan# 2356
Delta R.T. 0.003 min
Lab File: BN014317.D
Acq: 16 Apr 2021 19:36

Tgt Ion:252 Resp: 44559

Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.0	28.6
125	12.7	9.3	13.9

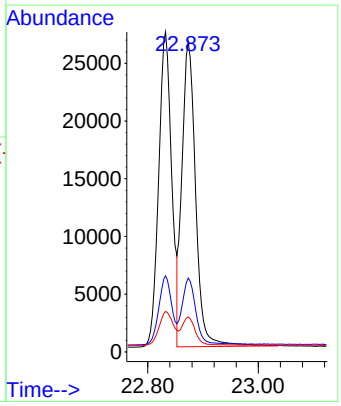




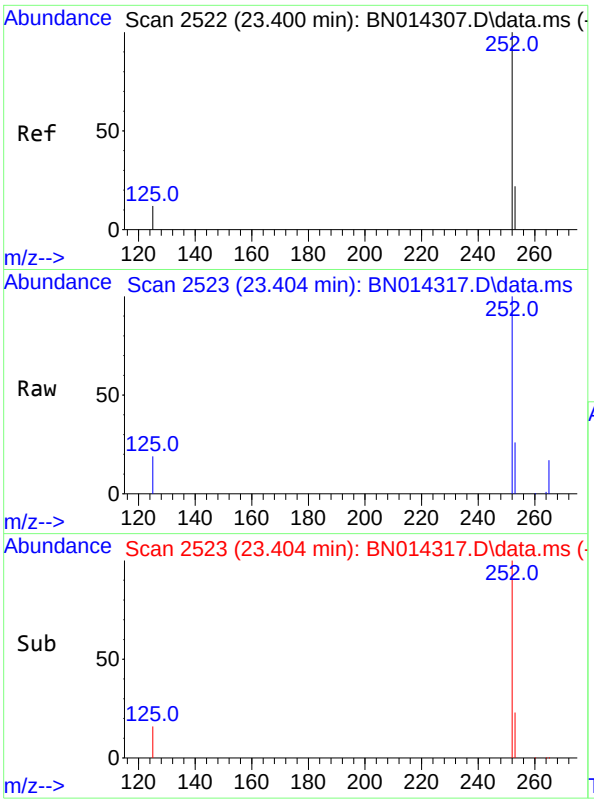
#38
Benzo(k)fluoranthene
Concen: 0.44 ng
RT: 22.873 min Scan# 2368
Delta R.T. 0.000 min
Lab File: BN014317.D
Acq: 16 Apr 2021 19:36

Tgt Ion:252 Resp: 45355

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.1	28.7
125	11.3	9.1	13.7



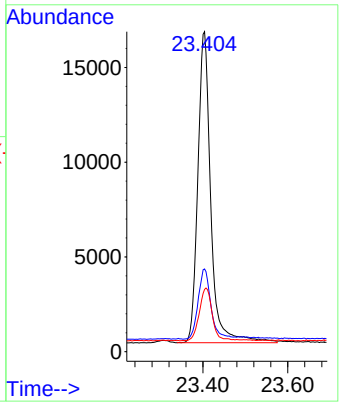
Instrument :
BNA_N
ClientSampleId :
PB135597BS

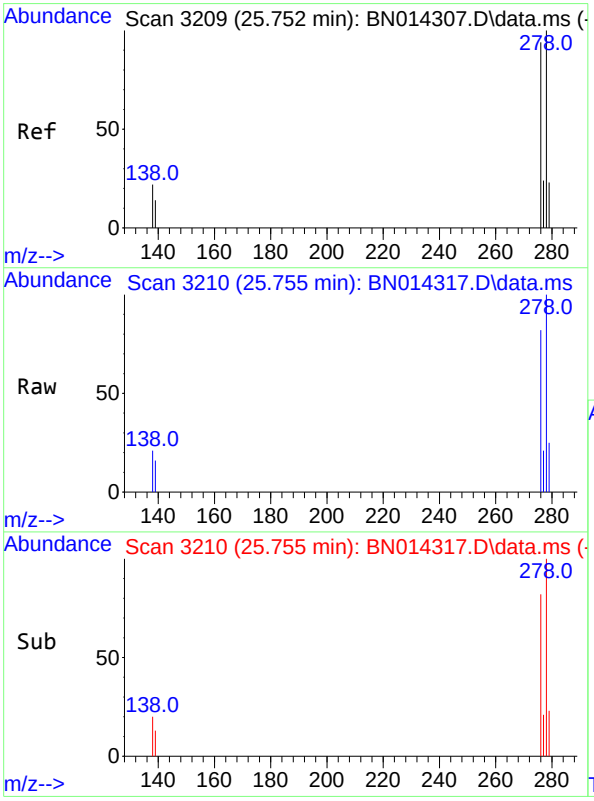


#39
Benzo(a)pyrene
Concen: 0.44 ng
RT: 23.404 min Scan# 2523
Delta R.T. 0.003 min
Lab File: BN014317.D
Acq: 16 Apr 2021 19:36

Tgt Ion:252 Resp: 34720

Ion	Ratio	Lower	Upper
252	100		
253	25.8	20.2	30.2
125	19.4	12.4	18.6#

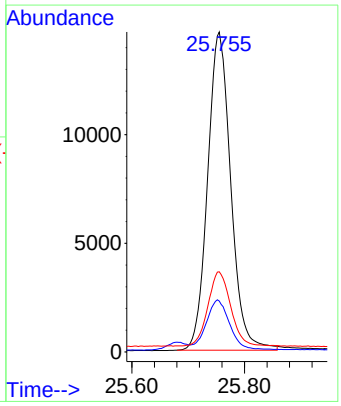


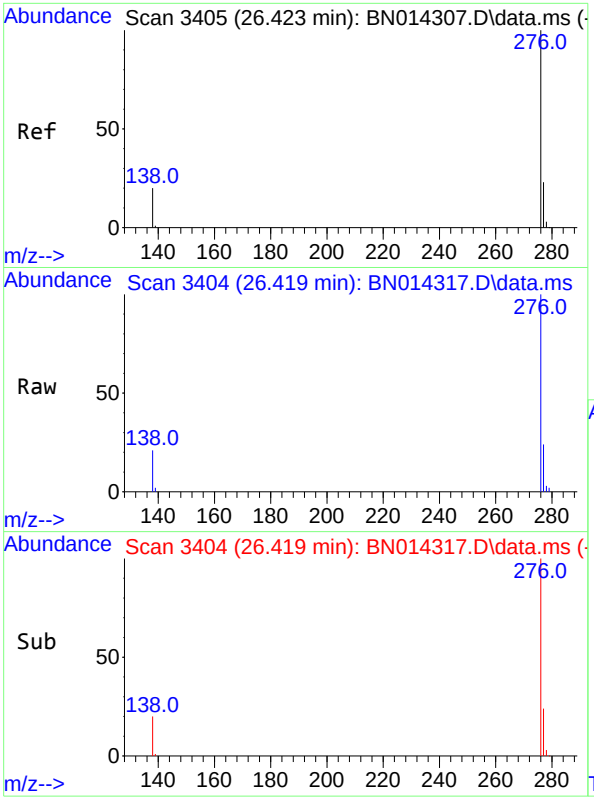


#40
Dibenzo(a,h)anthracene
Concen: 0.45 ng
RT: 25.755 min Scan# 3210
Delta R.T. 0.003 min
Lab File: BN014317.D
Acq: 16 Apr 2021 19:36

Tgt Ion:278 Resp: 41788

Ion	Ratio	Lower	Upper
278	100		
139	15.9	12.8	19.2
279	25.1	20.0	30.0

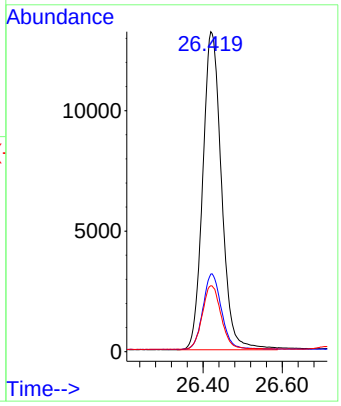




#41
Benzo(g,h,i)perylene
Concen: 0.44 ng
RT: 26.419 min Scan# 3404
Delta R.T. -0.003 min
Lab File: BN014317.D
Acq: 16 Apr 2021 19:36

Tgt Ion:276 Resp: 43466

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.9	28.3
138	20.6	16.6	24.8



Instrument :
BNA_N
ClientSampleId :
PB135597BS