Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052821\
Data File : BN014803.D
Acq On : 28 May 2021 14:34
Operator : CG/JU
Sample : PB136521BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB136521BS

Quant Time: May 28 15:47:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN052621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 27 01:39:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.717	152	638	0.40	ng		0.00
7) Naphthalene-d8	10.492	136	2303	0.40	ng		-0.01
13) Acenaphthene-d10	14.359	164	1600	0.40	ng		0.00
19) Phenanthrene-d10	17.116	188	3651	0.40	ng		0.00
29) Chrysene-d12	21.311	240	4453	0.40	ng		#-0.01
35) Perylene-d12	23.576	264	4592	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.317	112	556	0.33	ng		0.00
5) Phenol-d6	6.895	99	655	0.28	ng		0.00
8) Nitrobenzene-d5	8.870	82	465	0.22	ng		0.00
11) 2-Methylnaphthalene-d10	12.098	152	1119	0.24	ng		0.00
14) 2,4,6-Tribromophenol	15.869	330	224	0.24	ng		0.00
15) 2-Fluorobiphenyl	12.976	172	1625	0.28	ng		-0.01
27) Fluoranthene-d10	19.151	212	3558	0.25	ng		0.00
31) Terphenyl-d14	19.757	244	3158	0.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.271	88	273	0.37	ng	#	89
3) n-Nitrosodimethylamine	3.633	42	5	0.22	ng	#	1
6) bis(2-Chloroethyl)ether	7.153	93	484	0.25	ng		98
9) Naphthalene	10.543	128	1845	0.28	ng		98
10) Hexachlorobutadiene	10.835	225	513	0.30	ng	#	98
12) 2-Methylnaphthalene	12.173	142	1247	0.26	ng		99
16) Acenaphthylene	14.080	152	1610	0.25	ng		99
17) Acenaphthene	14.422	154	1257	0.27	ng		99
18) Fluorene	15.412	166	1726	0.26	ng		97
20) 4,6-Dinitro-2-methylph...	15.514	198	50	0.18	ng		85
21) 4-Bromophenyl-phenylether	16.313	248	662	0.26	ng		95
22) Hexachlorobenzene	16.422	284	834	0.30	ng		97
23) Atrazine	16.580	200	360	0.22	ng		92
24) Pentachlorophenol	16.775	266	113	0.19	ng		92
25) Phenanthrene	17.152	178	2927	0.27	ng		100
26) Anthracene	17.250	178	2351	0.25	ng		97
28) Fluoranthene	19.181	202	3759	0.25	ng		100
30) Pyrene	19.548	202	3882	0.30	ng		99
32) Benzo(a)anthracene	21.300	228	3302	0.24	ng		99
33) Chrysene	21.354	228	4600	0.31	ng		99
34) Bis(2-ethylhexyl)phtha...	21.226	149	974	0.25	ng	#	98
36) Indeno(1,2,3-cd)pyrene	25.862	276	5233	0.28	ng	#	98
37) Benzo(b)fluoranthene	22.939	252	5188	0.31	ng		94
38) Benzo(k)fluoranthene	22.939	252	5306	0.30	ng		96
39) Benzo(a)pyrene	23.480	252	4121	0.27	ng	#	77
40) Dibenzo(a,h)anthracene	25.876	278	4130	0.26	ng	#	96
41) Benzo(g,h,i)perylene	26.550	276	4878	0.29	ng		99

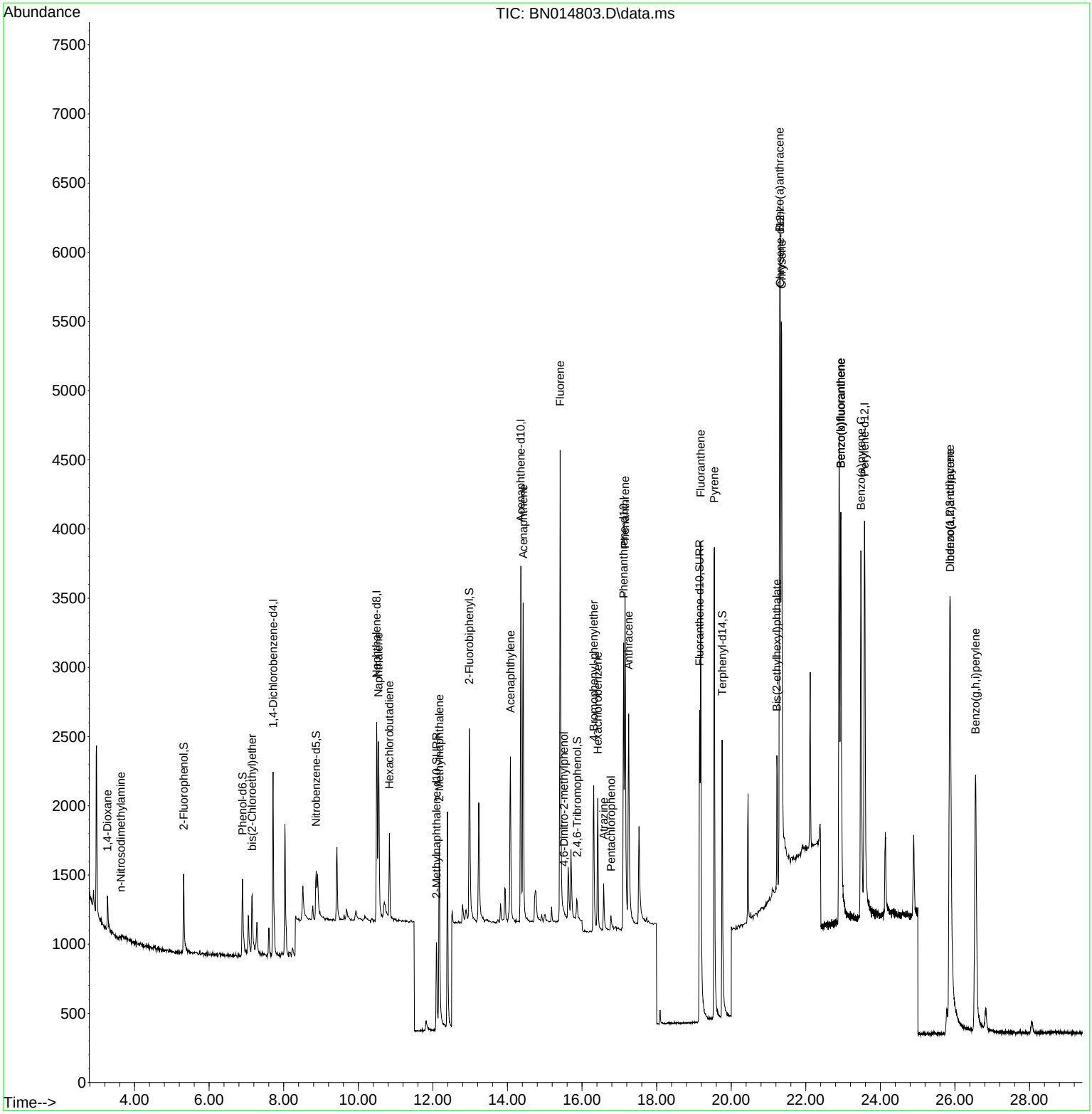
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

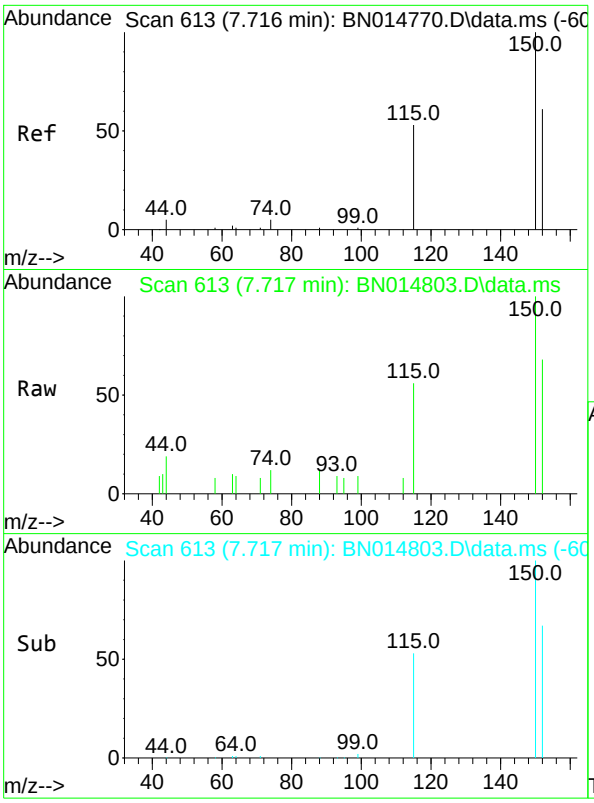
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052821\
Data File : BN014803.D
Acq On : 28 May 2021 14:34
Operator : CG/JU
Sample : PB136521BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB136521BS

Quant Time: May 28 15:47:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN052621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 27 01:39:07 2021
Response via : Initial Calibration



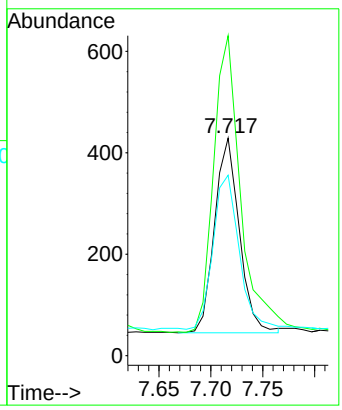
Instrument :
BNA_N
ClientSampleId :
PB136521BS

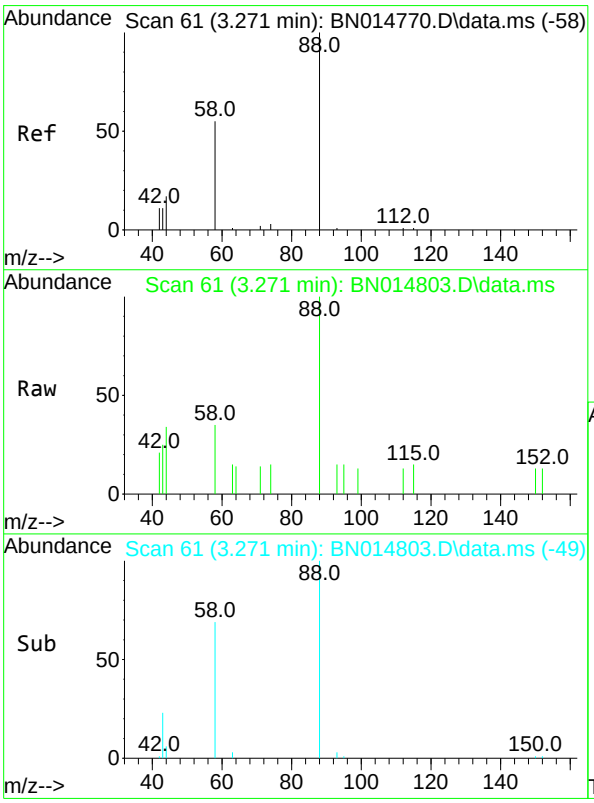


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.717 min Scan# 613
Delta R.T. 0.001 min
Lab File: BN014803.D
Acq: 28 May 2021 14:34

Tgt Ion:152 Resp: 638

Ion	Ratio	Lower	Upper
152	100		
150	147.1	123.4	185.2
115	83.0	73.2	109.8

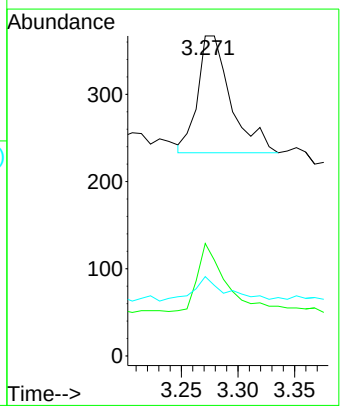




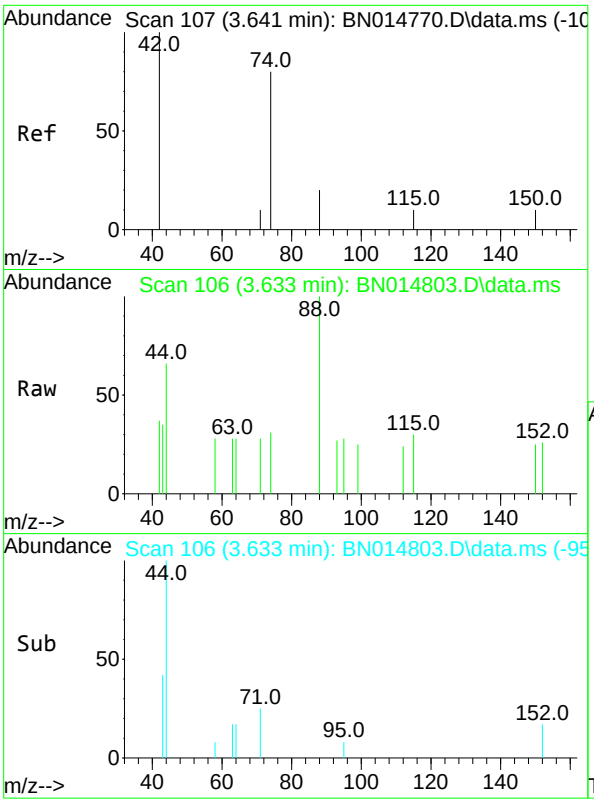
#2
1,4-Dioxane
Concen: 0.37 ng
RT: 3.271 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN014803.D
Acq: 28 May 2021 14:34

Tgt Ion: 88 Resp: 273

Ion	Ratio	Lower	Upper
88	100		
58	48.4	44.7	67.1
43	20.5	21.0	31.6#



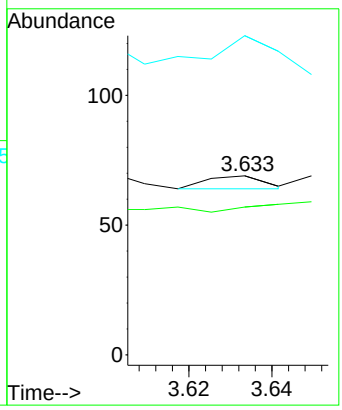
Instrument :
BNA_N
ClientSampleId :
PB136521BS

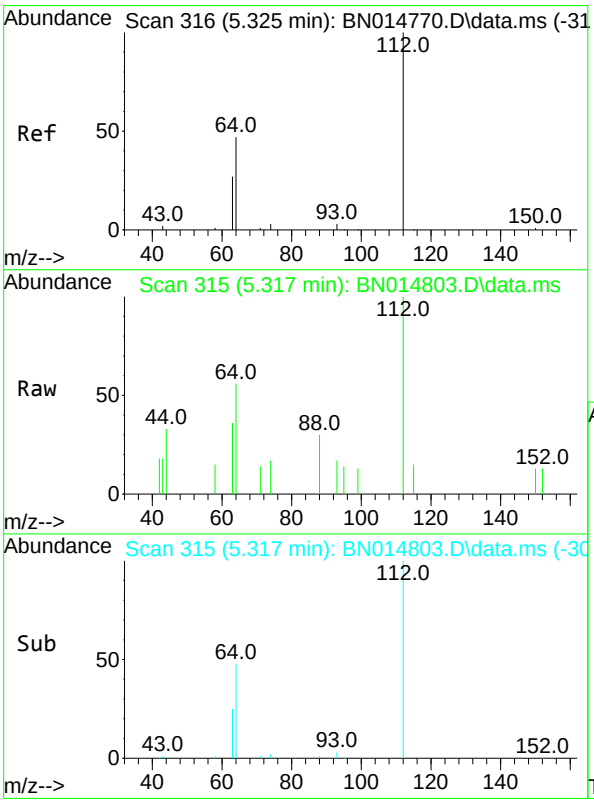


#3
n-Nitrosodimethylamine
Concen: 0.22 ng
RT: 3.633 min Scan# 106
Delta R.T. -0.008 min
Lab File: BN014803.D
Acq: 28 May 2021 14:34

Tgt Ion: 42 Resp: 5

Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	240.0	80.0	120.0#

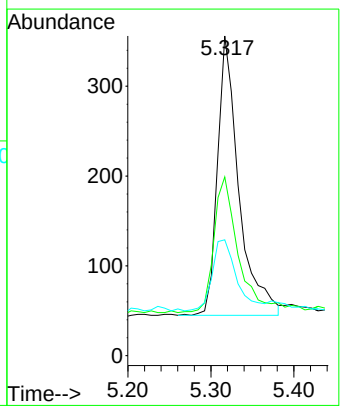




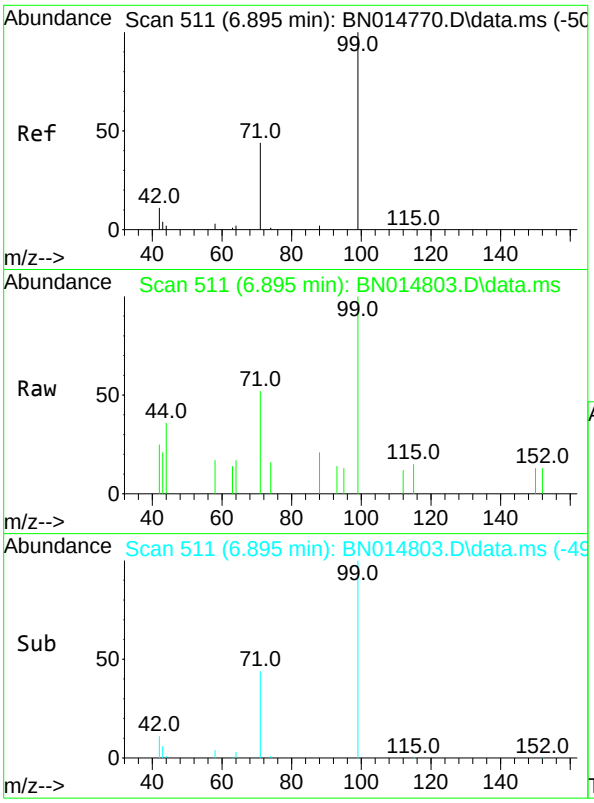
#4
2-Fluorophenol
Concen: 0.33 ng
RT: 5.317 min Scan# 315
Delta R.T. -0.008 min
Lab File: BN014803.D
Acq: 28 May 2021 14:34

Tgt Ion:112 Resp: 556

Ion	Ratio	Lower	Upper
112	100		
64	55.4	43.6	65.4
63	29.3	25.0	37.6



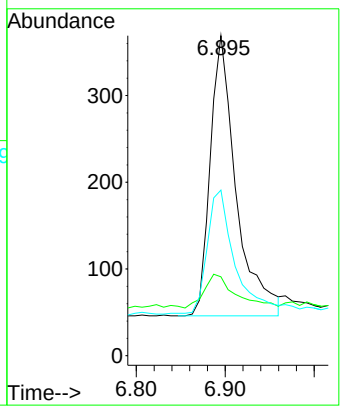
Instrument :
BNA_N
ClientSampleId :
PB136521BS

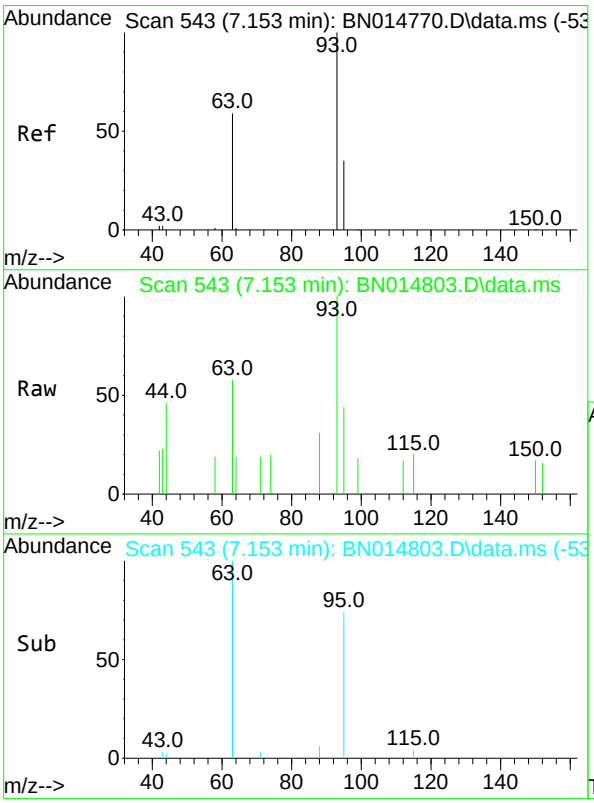


#5
Phenol-d6
Concen: 0.28 ng
RT: 6.895 min Scan# 511
Delta R.T. 0.000 min
Lab File: BN014803.D
Acq: 28 May 2021 14:34

Tgt Ion: 99 Resp: 655

Ion	Ratio	Lower	Upper
99	100		
42	14.5	10.2	15.2
71	47.0	32.4	48.6

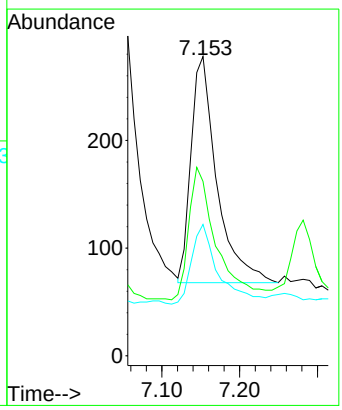


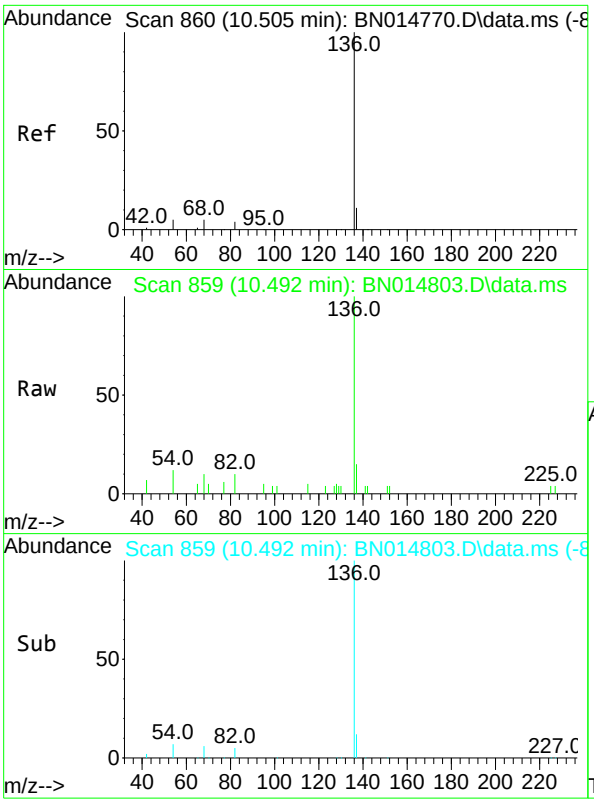


#6
bis(2-Chloroethyl)ether
Concen: 0.25 ng
RT: 7.153 min Scan# 543
Delta R.T. 0.000 min
Lab File: BN014803.D
Acq: 28 May 2021 14:34

Tgt Ion: 93 Resp: 484

Ion	Ratio	Lower	Upper
93	100		
63	61.0	47.5	71.3
95	37.0	28.5	42.7

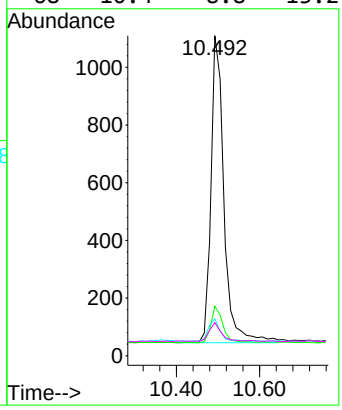




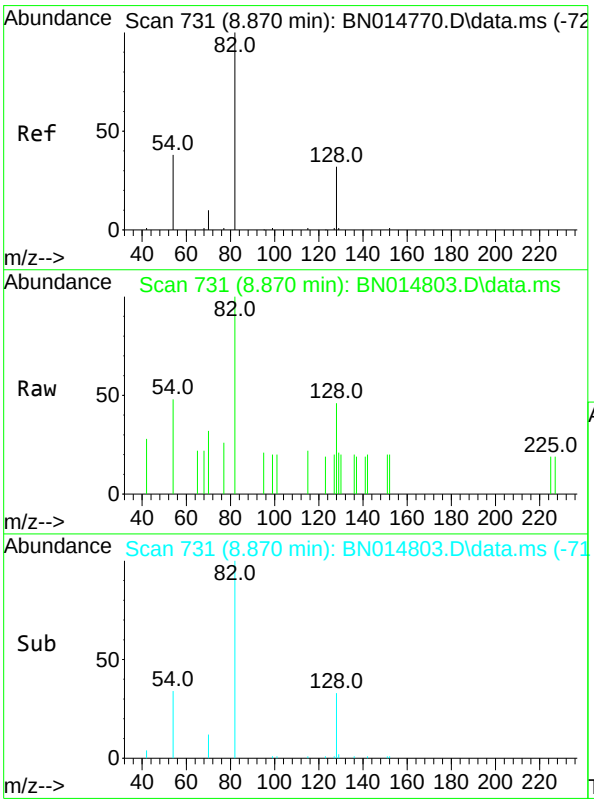
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.492 min Scan# 859
Delta R.T. -0.013 min
Lab File: BN014803.D
Acq: 28 May 2021 14:34

Tgt Ion:136 Resp: 2303

Ion	Ratio	Lower	Upper
136	100		
137	15.5	13.2	19.8
54	11.5	9.0	13.4
68	10.4	8.8	13.2



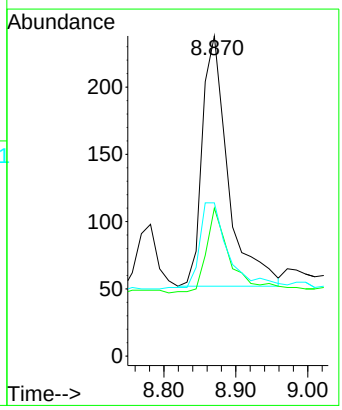
Instrument :
BNA_N
ClientSampleId :
PB136521BS



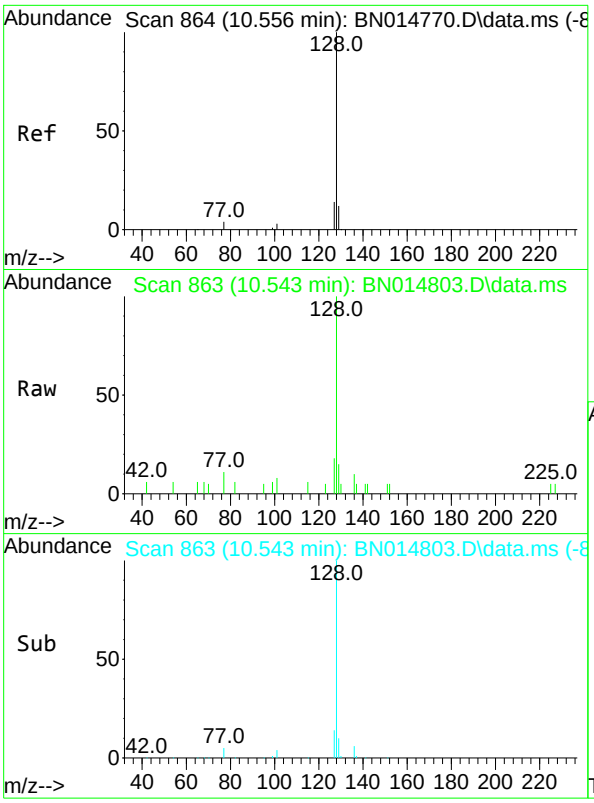
#8
Nitrobenzene-d5
Concen: 0.22 ng
RT: 8.870 min Scan# 731
Delta R.T. 0.000 min
Lab File: BN014803.D
Acq: 28 May 2021 14:34

Tgt Ion: 82 Resp: 465

Ion	Ratio	Lower	Upper
82	100		
128	46.2	34.2	51.2
54	47.9	38.4	57.6



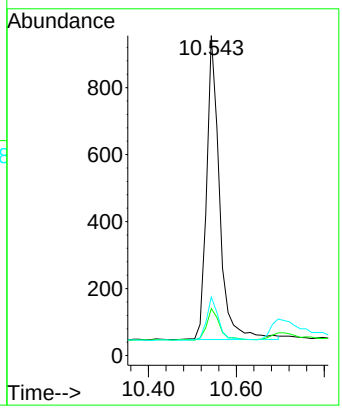
Instrument :
BNA_N
ClientSampleId :
PB136521BS

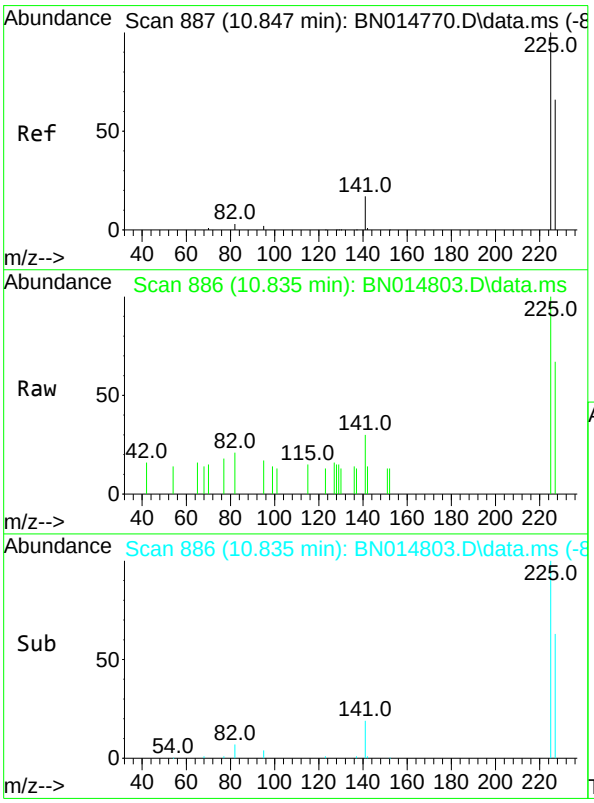


#9
Naphthalene
Concen: 0.28 ng
RT: 10.543 min Scan# 863
Delta R.T. -0.013 min
Lab File: BN014803.D
Acq: 28 May 2021 14:34

Tgt Ion:128 Resp: 1845

Ion	Ratio	Lower	Upper
128	100		
129	14.7	13.0	19.4
127	18.3	15.0	22.6

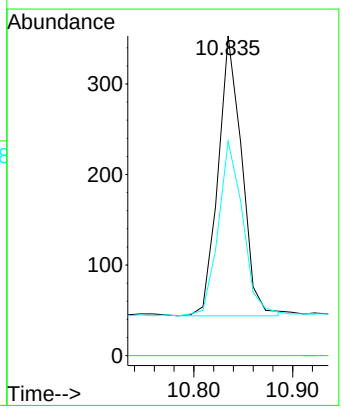




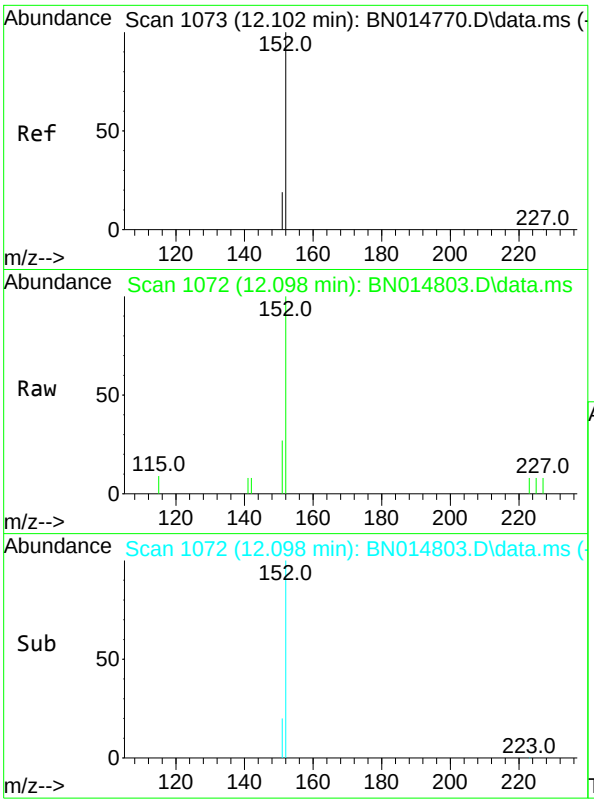
#10
Hexachlorobutadiene
Concen: 0.30 ng
RT: 10.835 min Scan# 886
Delta R.T. -0.013 min
Lab File: BN014803.D
Acq: 28 May 2021 14:34

Tgt Ion:225 Resp: 513

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	65.1	50.8	76.2



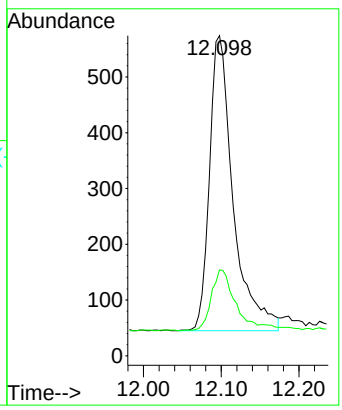
Instrument :
BNA_N
ClientSampleId :
PB136521BS

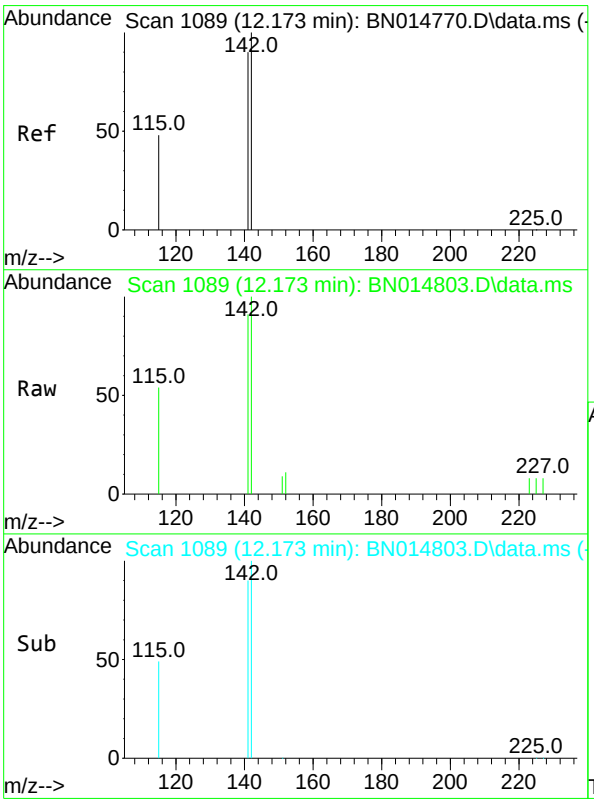


#11
2-Methylnaphthalene-d10
Concen: 0.24 ng
RT: 12.098 min Scan# 1072
Delta R.T. -0.004 min
Lab File: BN014803.D
Acq: 28 May 2021 14:34

Tgt Ion:152 Resp: 1119

Ion	Ratio	Lower	Upper
152	100		
151	22.3	16.8	25.2

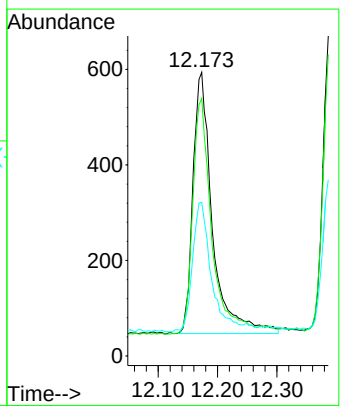




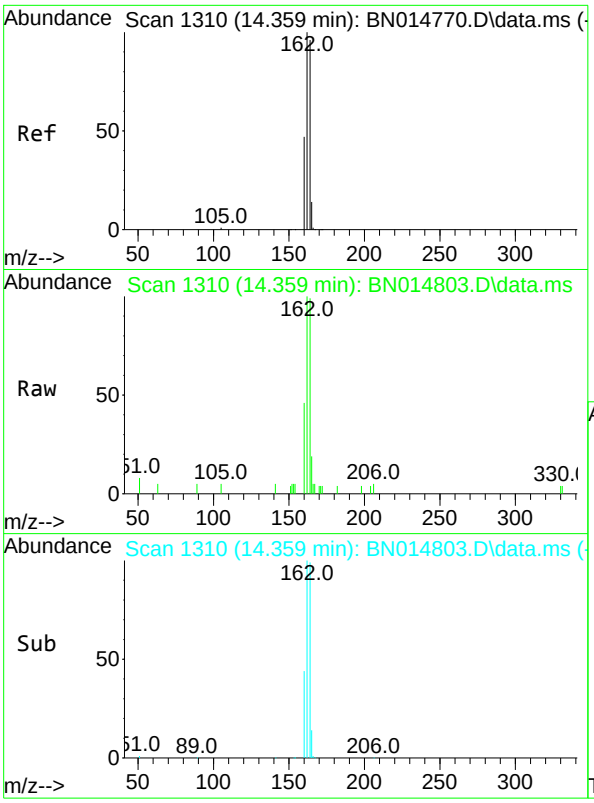
#12
2-Methylnaphthalene
Concen: 0.26 ng
RT: 12.173 min Scan# 1089
Delta R.T. 0.000 min
Lab File: BN014803.D
Acq: 28 May 2021 14:34

Tgt Ion:142 Resp: 1247

Ion	Ratio	Lower	Upper
142	100		
141	90.7	72.9	109.3
115	54.2	41.8	62.6



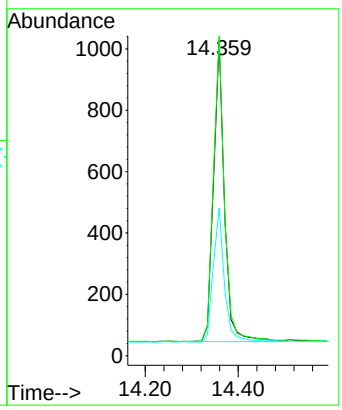
Instrument :
BNA_N
ClientSampleId :
PB136521BS

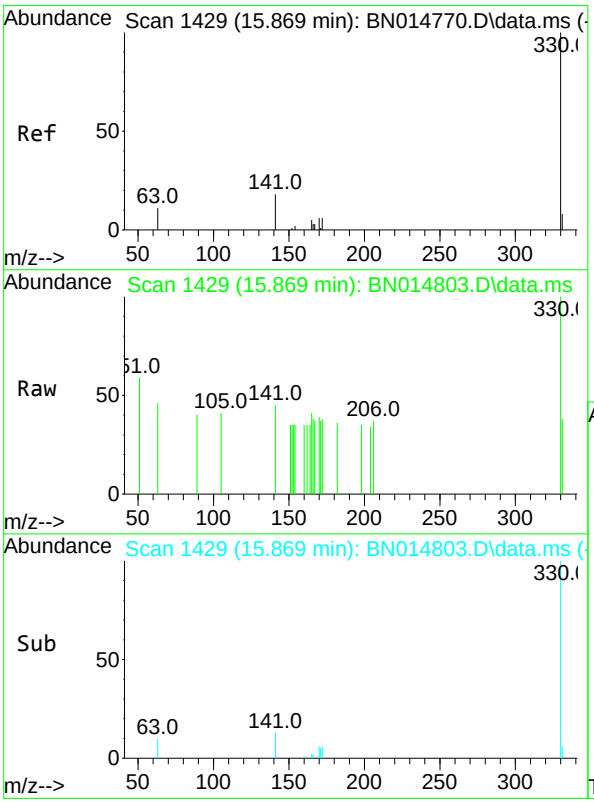


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.359 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BN014803.D
Acq: 28 May 2021 14:34

Tgt Ion:164 Resp: 1600

Ion	Ratio	Lower	Upper
164	100		
162	101.5	83.2	124.8
160	46.8	41.8	62.6

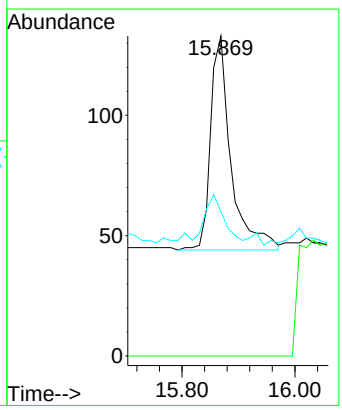




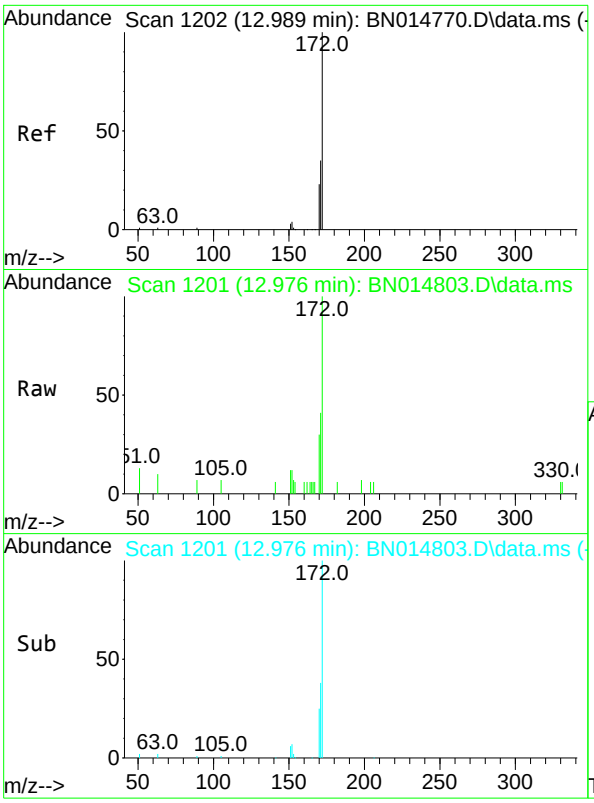
#14
2,4,6-Tribromophenol
Concen: 0.24 ng
RT: 15.869 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BN014803.D
Acq: 28 May 2021 14:34

Tgt Ion:330 Resp: 224

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	19.2	21.8	32.6#



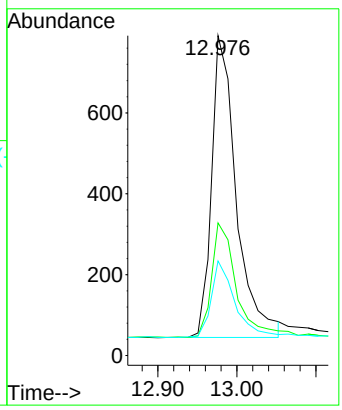
Instrument :
BNA_N
ClientSampleId :
PB136521BS

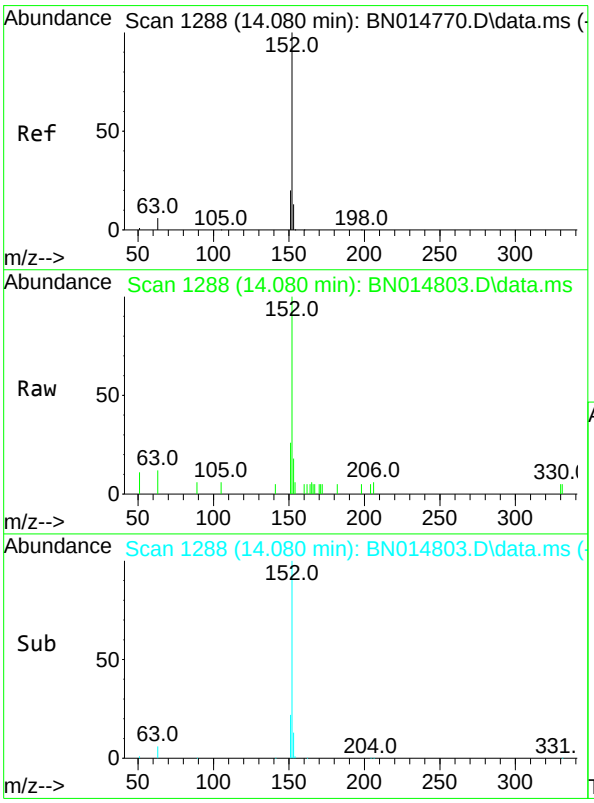


#15
2-Fluorobiphenyl
Concen: 0.28 ng
RT: 12.976 min Scan# 1201
Delta R.T. -0.013 min
Lab File: BN014803.D
Acq: 28 May 2021 14:34

Tgt Ion:172 Resp: 1625

Ion	Ratio	Lower	Upper
172	100		
171	41.5	30.9	46.3
170	29.6	21.4	32.0

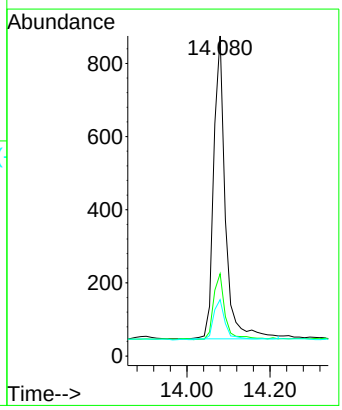




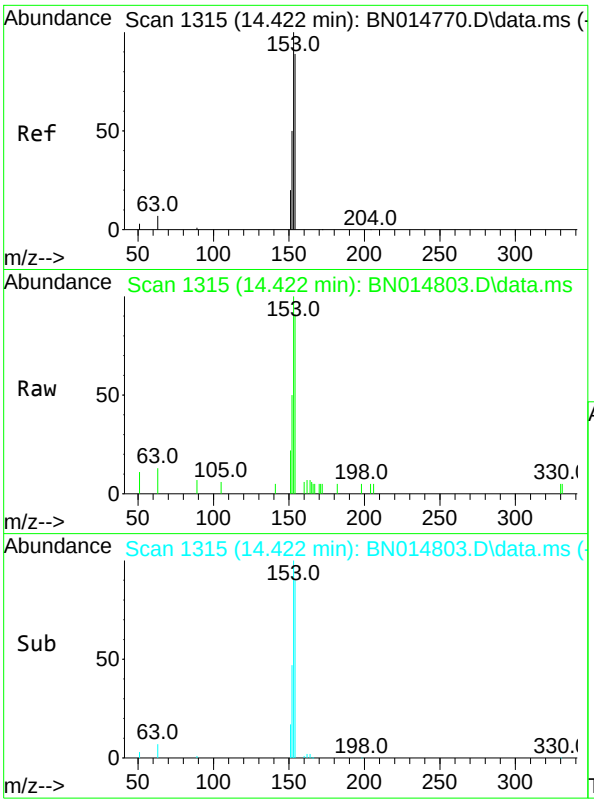
#16
Acenaphthylene
Concen: 0.25 ng
RT: 14.080 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BN014803.D
Acq: 28 May 2021 14:34

Tgt Ion:152 Resp: 1610

Ion	Ratio	Lower	Upper
152	100		
151	21.7	17.1	25.7
153	13.2	9.9	14.9



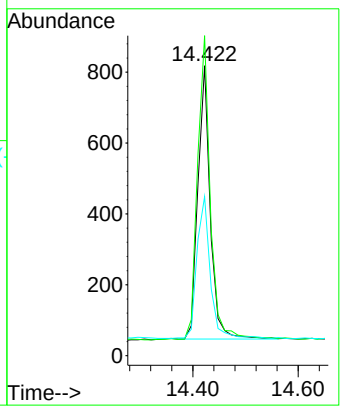
Instrument :
BNA_N
ClientSampleId :
PB136521BS

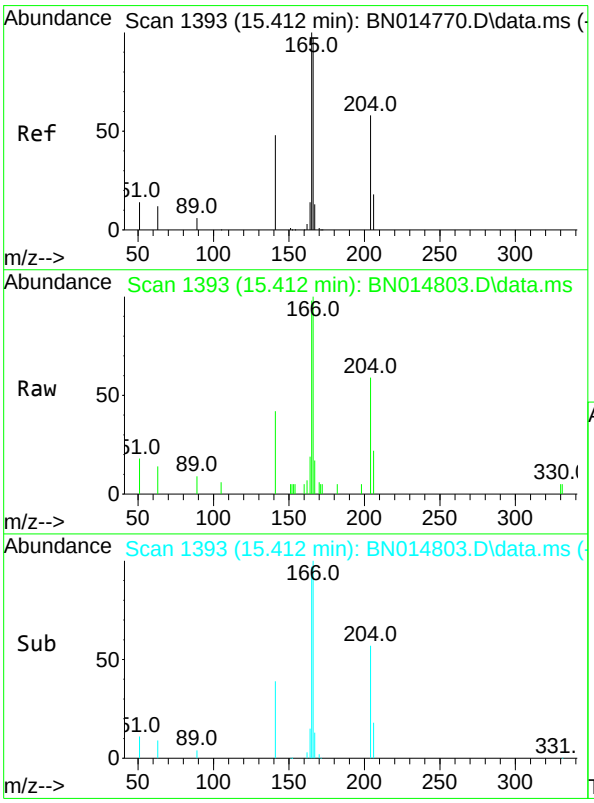


#17
Acenaphthene
Concen: 0.27 ng
RT: 14.422 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BN014803.D
Acq: 28 May 2021 14:34

Tgt Ion:154 Resp: 1257

Ion	Ratio	Lower	Upper
154	100		
153	115.7	91.8	137.8
152	55.7	46.0	69.0

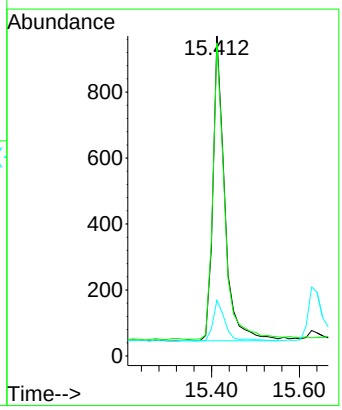




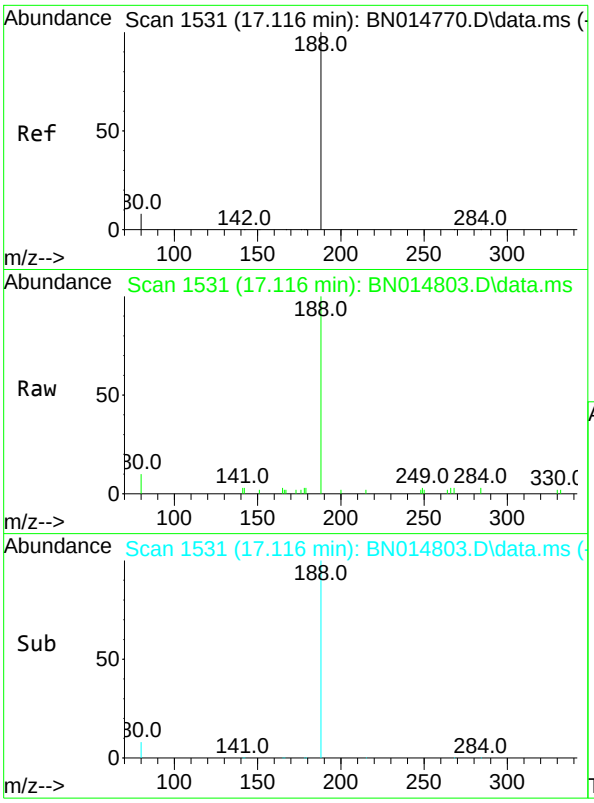
#18
Fluorene
Concen: 0.26 ng
RT: 15.412 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BN014803.D
Acq: 28 May 2021 14:34

Tgt Ion:166 Resp: 1726

Ion	Ratio	Lower	Upper
166	100		
165	96.8	79.9	119.9
167	13.4	10.5	15.7



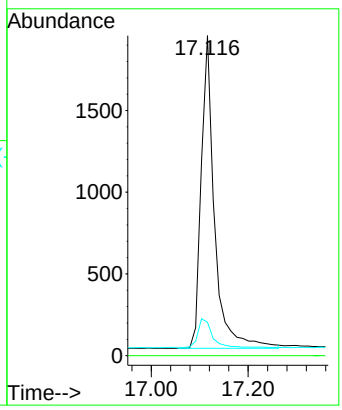
Instrument :
BNA_N
ClientSampleId :
PB136521BS

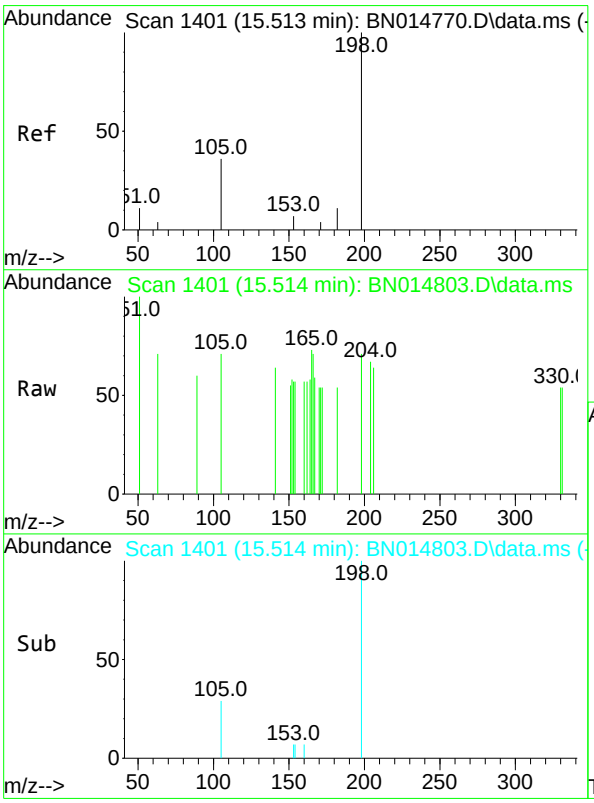


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1531
Delta R.T. -0.000 min
Lab File: BN014803.D
Acq: 28 May 2021 14:34

Tgt Ion:188 Resp: 3651

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.4	8.2	12.4

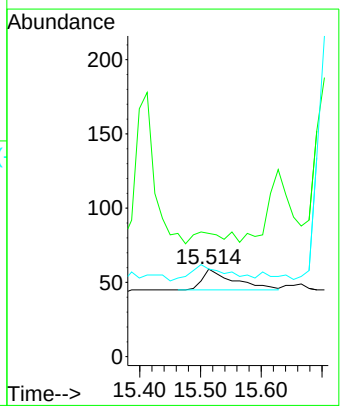




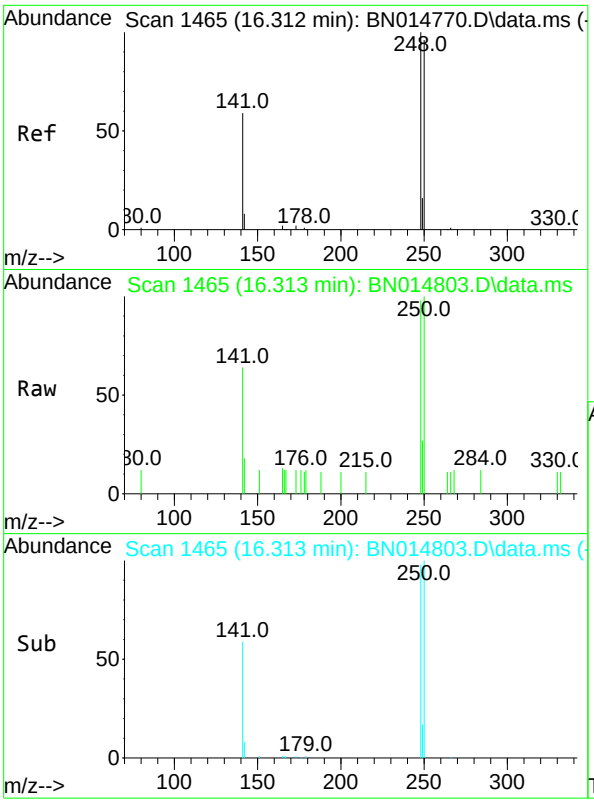
#20
4,6-Dinitro-2-methylphenol
Concen: 0.18 ng
RT: 15.514 min Scan# 1401
Delta R.T. 0.001 min
Lab File: BN014803.D
Acq: 28 May 2021 14:34

Tgt Ion:198 Resp: 50

Ion	Ratio	Lower	Upper
198	100		
51	140.7	96.4	144.6
105	100.0	72.3	108.5



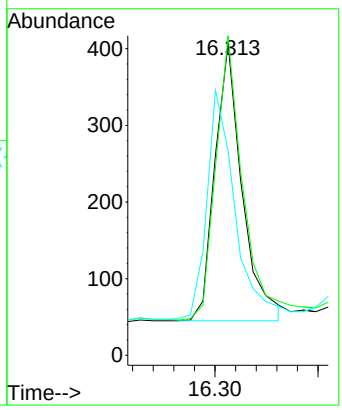
Instrument :
BNA_N
ClientSampleId :
PB136521BS

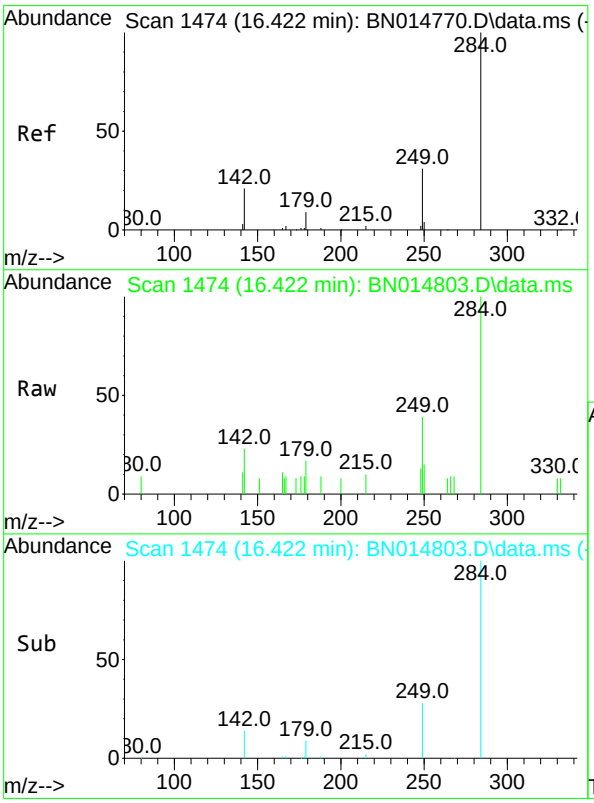


#21
4-Bromophenyl-phenylether
Concen: 0.26 ng
RT: 16.313 min Scan# 1465
Delta R.T. 0.001 min
Lab File: BN014803.D
Acq: 28 May 2021 14:34

Tgt Ion:248 Resp: 662

Ion	Ratio	Lower	Upper
248	100		
250	102.5	77.5	116.3
141	65.6	50.2	75.4

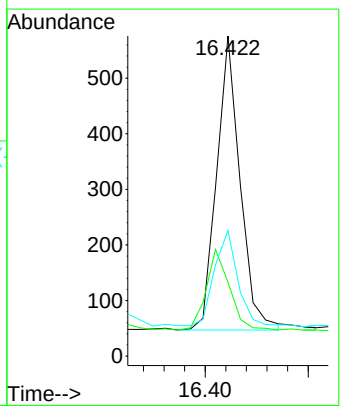




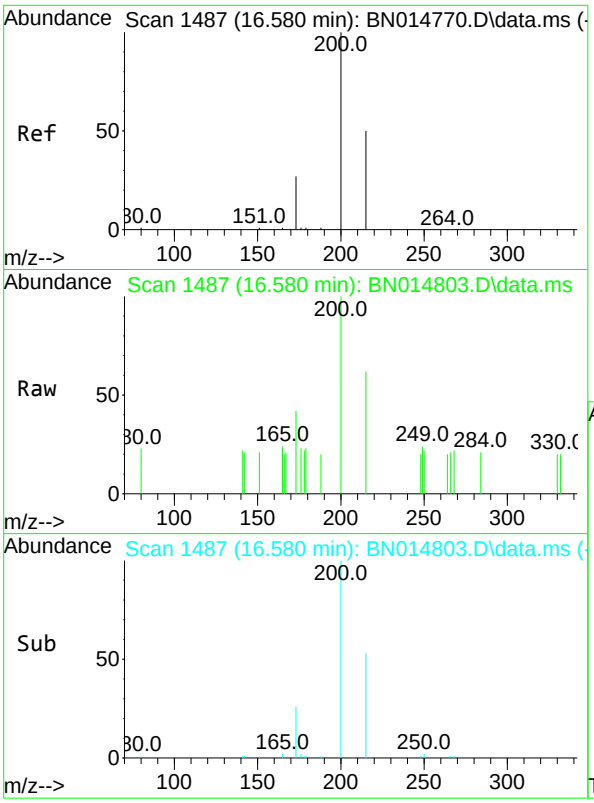
#22
Hexachlorobenzene
Concen: 0.30 ng
RT: 16.422 min Scan# 1474
Delta R.T. 0.000 min
Lab File: BN014803.D
Acq: 28 May 2021 14:34

Tgt Ion:284 Resp: 834

Ion	Ratio	Lower	Upper
284	100		
142	27.1	20.3	30.5
249	31.8	26.4	39.6



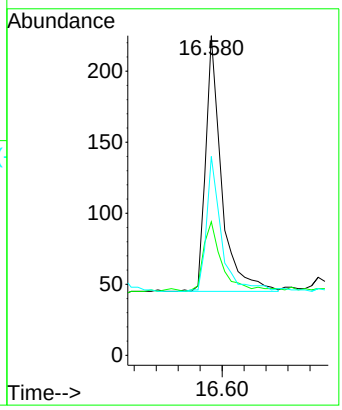
Instrument :
BNA_N
ClientSampleId :
PB136521BS

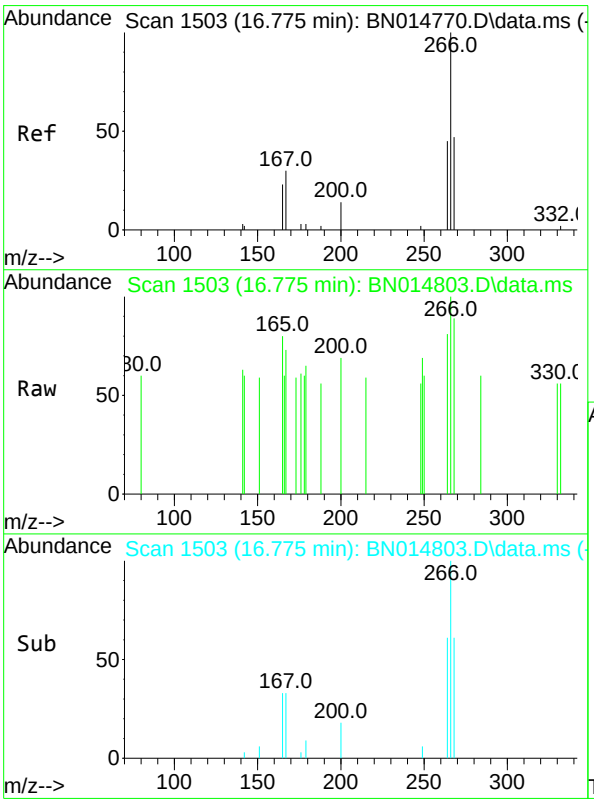


#23
Atrazine
Concen: 0.22 ng
RT: 16.580 min Scan# 1487
Delta R.T. 0.000 min
Lab File: BN014803.D
Acq: 28 May 2021 14:34

Tgt Ion:200 Resp: 360

Ion	Ratio	Lower	Upper
200	100		
173	41.8	29.1	43.7
215	62.2	45.1	67.7

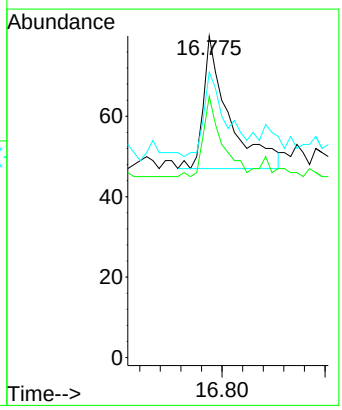




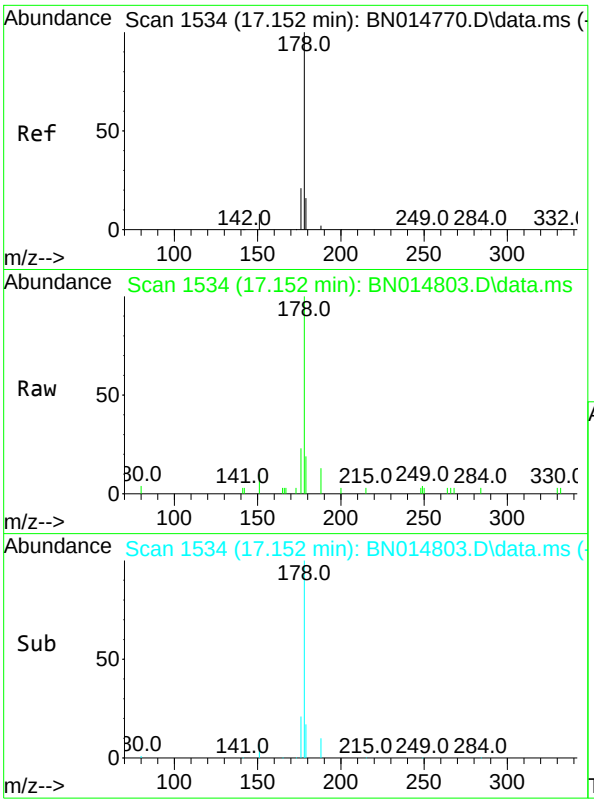
#24
Pentachlorophenol
Concen: 0.19 ng
RT: 16.775 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BN014803.D
Acq: 28 May 2021 14:34

Tgt Ion:266 Resp: 113

Ion	Ratio	Lower	Upper
266	100		
264	44.2	44.2	66.2
268	54.9	44.2	66.2



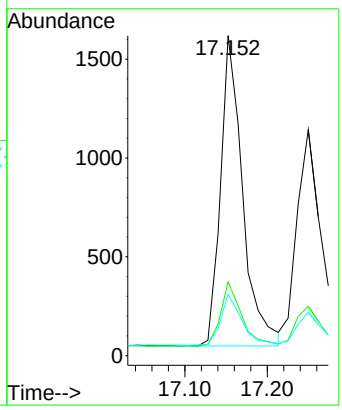
Instrument :
BNA_N
ClientSampleId :
PB136521BS

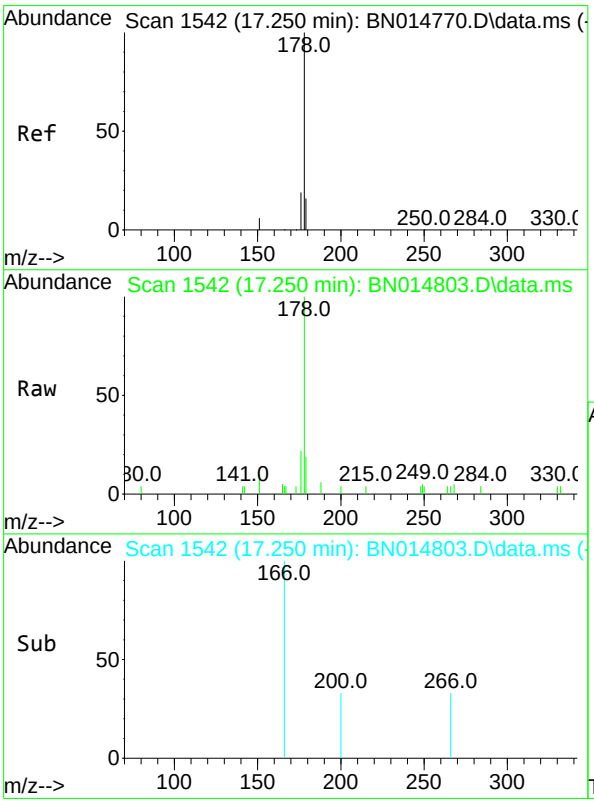


#25
Phenanthrene
Concen: 0.27 ng
RT: 17.152 min Scan# 1534
Delta R.T. 0.000 min
Lab File: BN014803.D
Acq: 28 May 2021 14:34

Tgt Ion:178 Resp: 2927

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.0	24.0
179	15.9	12.6	19.0

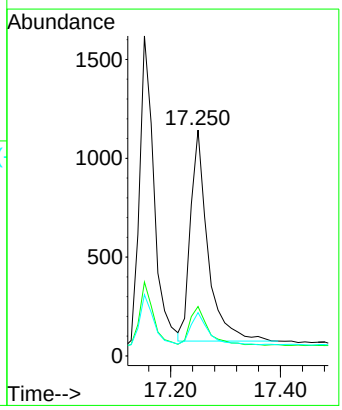


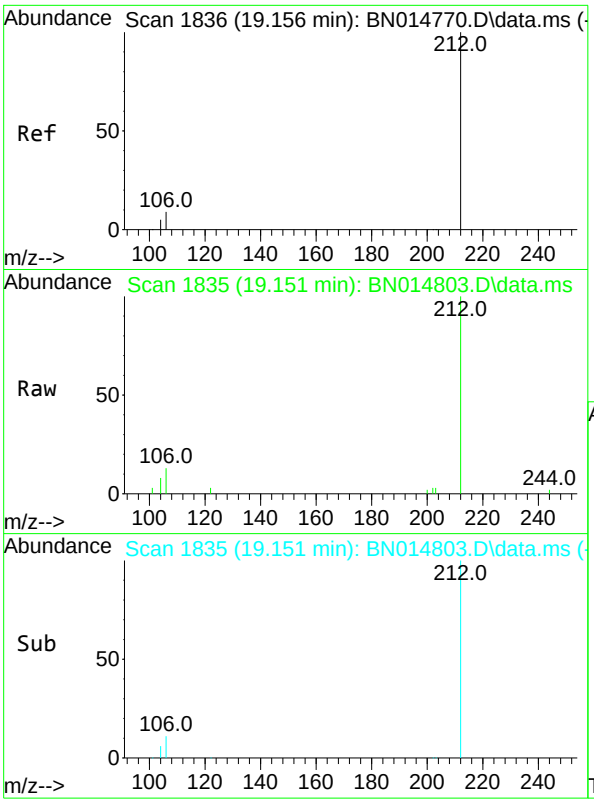


#26
Anthracene
Concen: 0.25 ng
RT: 17.250 min Scan# 1542
Delta R.T. 0.000 min
Lab File: BN014803.D
Acq: 28 May 2021 14:34

Tgt Ion:178 Resp: 2351

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.2	21.2
179	15.4	13.7	20.5

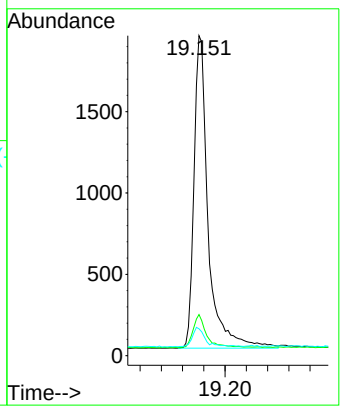




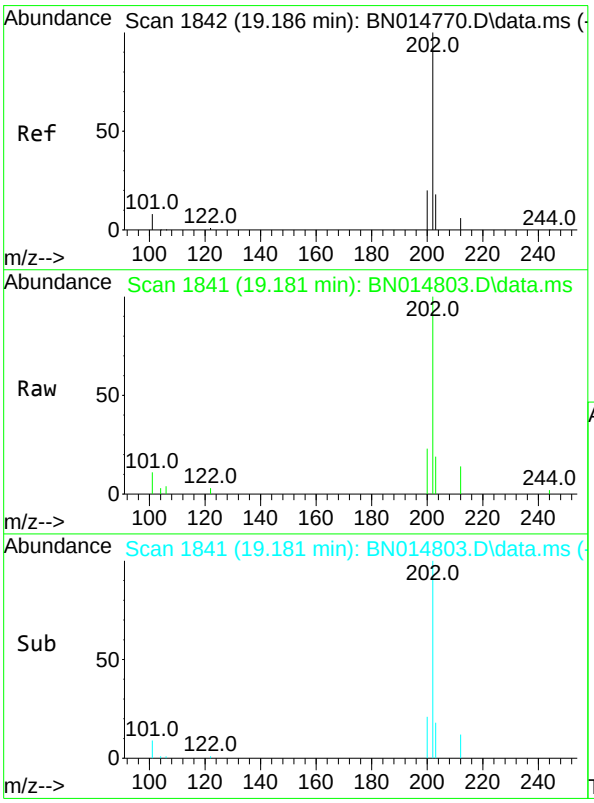
#27
Fluoranthene-d10
Concen: 0.25 ng
RT: 19.151 min Scan# 1835
Delta R.T. -0.005 min
Lab File: BN014803.D
Acq: 28 May 2021 14:34

Tgt Ion:212 Resp: 3558

Ion	Ratio	Lower	Upper
212	100		
106	10.1	7.4	11.2
104	5.6	4.1	6.1



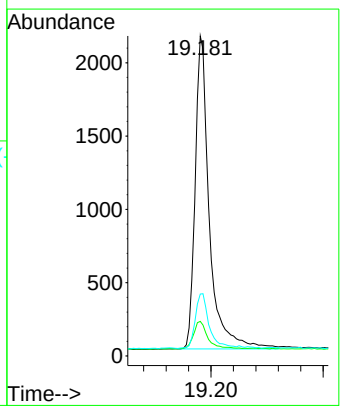
Instrument :
BNA_N
ClientSampleId :
PB136521BS



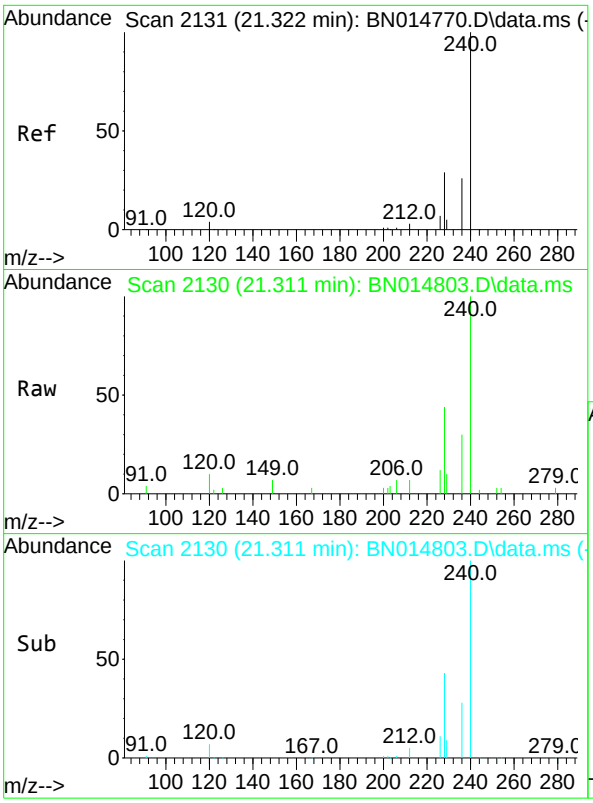
#28
Fluoranthene
Concen: 0.25 ng
RT: 19.181 min Scan# 1841
Delta R.T. -0.005 min
Lab File: BN014803.D
Acq: 28 May 2021 14:34

Tgt Ion:202 Resp: 3759

Ion	Ratio	Lower	Upper
202	100		
101	8.8	7.0	10.6
203	17.0	13.5	20.3



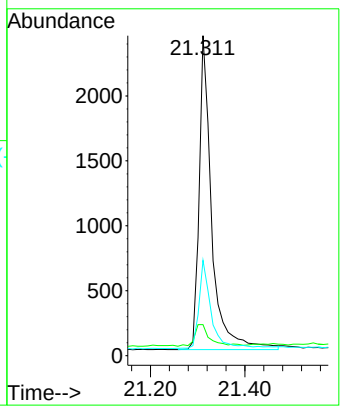
Instrument :
BNA_N
ClientSampleId :
PB136521BS

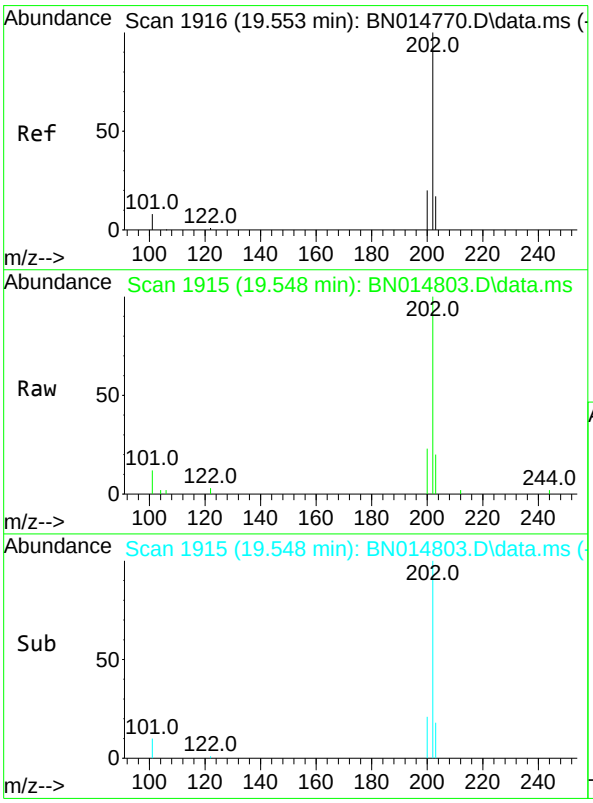


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.311 min Scan# 2130
Delta R.T. -0.010 min
Lab File: BN014803.D
Acq: 28 May 2021 14:34

Tgt Ion:240 Resp: 4453

Ion	Ratio	Lower	Upper
240	100		
120	9.7	5.2	7.8#
236	29.8	21.6	32.4

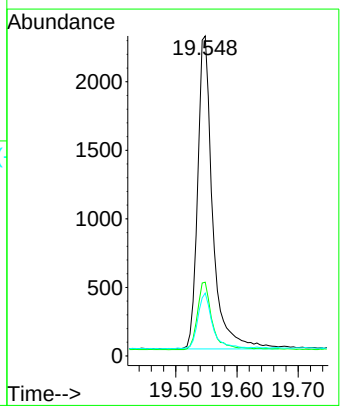




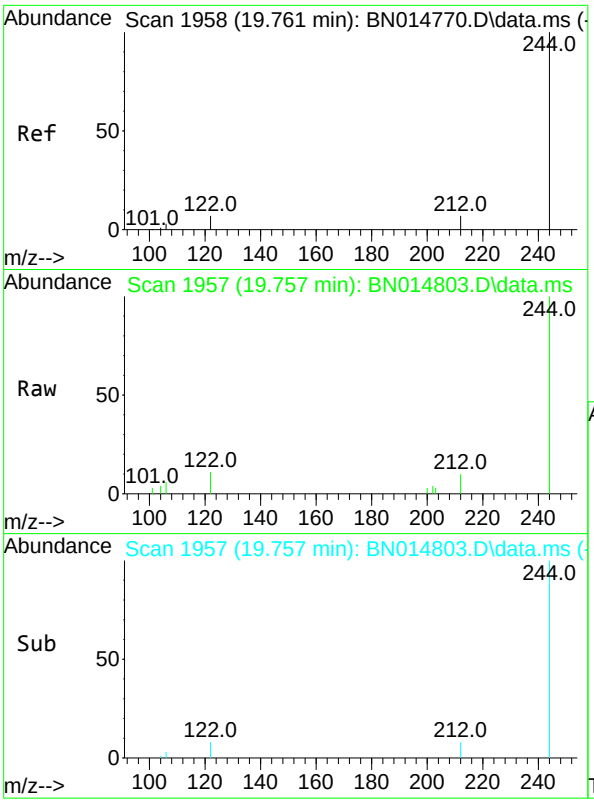
#30
Pyrene
Concen: 0.30 ng
RT: 19.548 min Scan# 1915
Delta R.T. -0.005 min
Lab File: BN014803.D
Acq: 28 May 2021 14:34

Tgt Ion:202 Resp: 3882

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	24.8
203	17.1	13.9	20.9



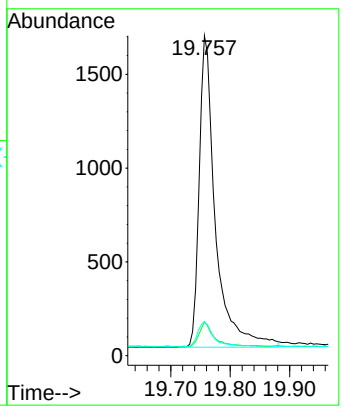
Instrument :
BNA_N
ClientSampleId :
PB136521BS

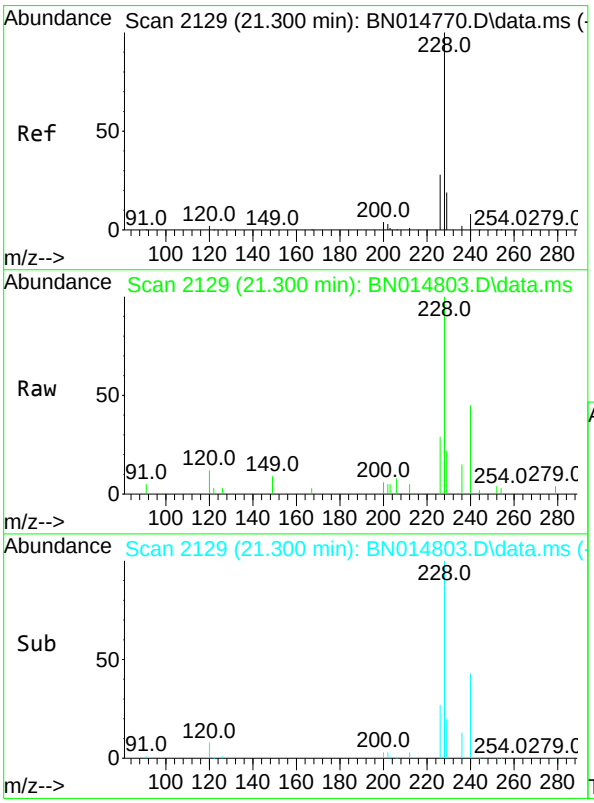


#31
Terphenyl-d14
Concen: 0.30 ng
RT: 19.757 min Scan# 1957
Delta R.T. -0.005 min
Lab File: BN014803.D
Acq: 28 May 2021 14:34

Tgt Ion:244 Resp: 3158

Ion	Ratio	Lower	Upper
244	100		
212	10.5	6.8	10.2#
122	10.7	6.6	9.8#

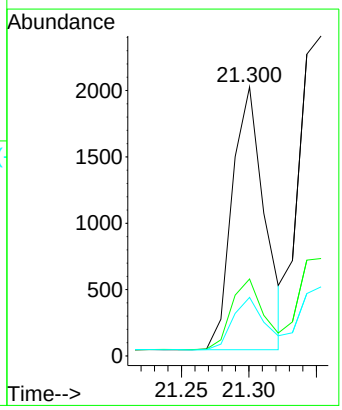




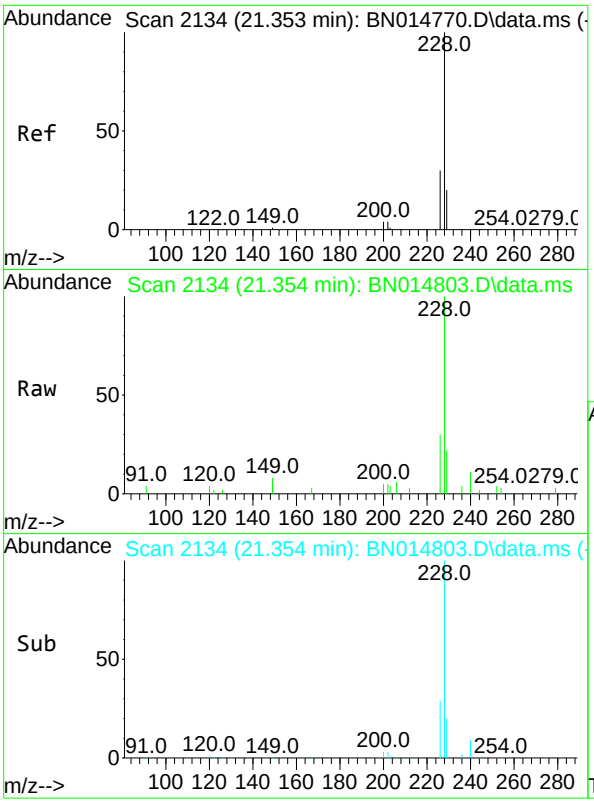
#32
Benzo(a)anthracene
Concen: 0.24 ng
RT: 21.300 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BN014803.D
Acq: 28 May 2021 14:34

Tgt Ion:228 Resp: 3302

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.9	34.3
229	21.8	16.2	24.2



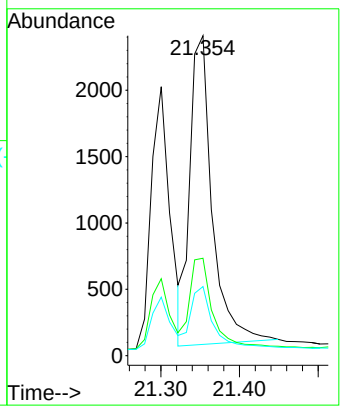
Instrument :
BNA_N
ClientSampleId :
PB136521BS

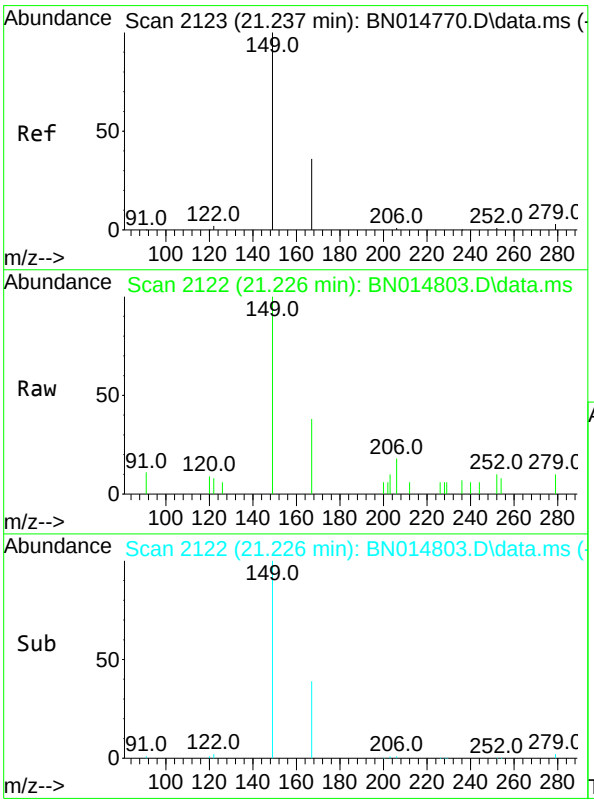


#33
Chrysene
Concen: 0.31 ng
RT: 21.354 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BN014803.D
Acq: 28 May 2021 14:34

Tgt Ion:228 Resp: 4600

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.3	36.5
229	21.6	16.4	24.6

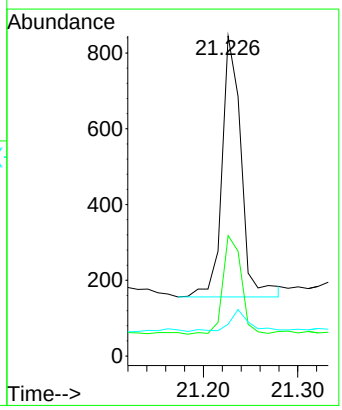




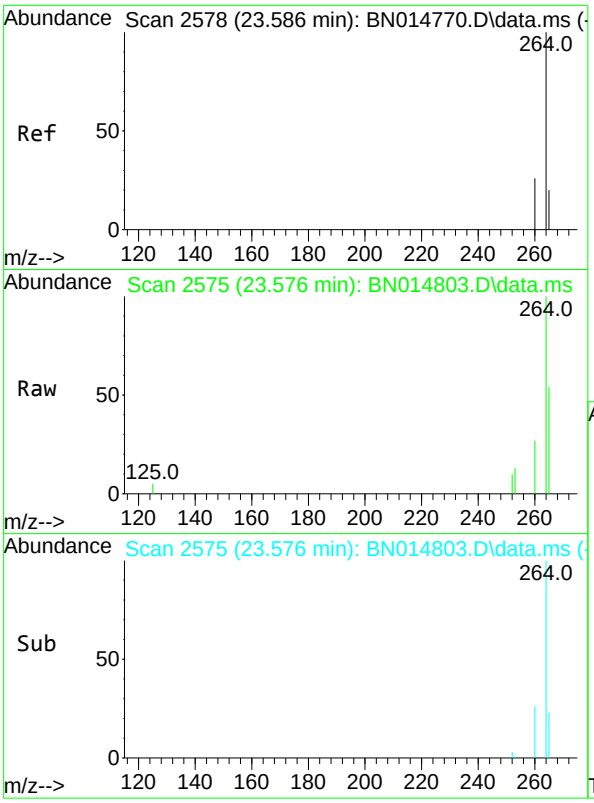
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.25 ng
RT: 21.226 min Scan# 2122
Delta R.T. -0.011 min
Lab File: BN014803.D
Acq: 28 May 2021 14:34

Tgt Ion:149 Resp: 974

Ion	Ratio	Lower	Upper
149	100		
167	35.9	28.3	42.5
279	8.6	5.5	8.3#



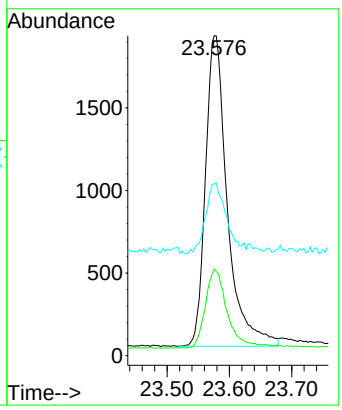
Instrument :
BNA_N
ClientSampleId :
PB136521BS

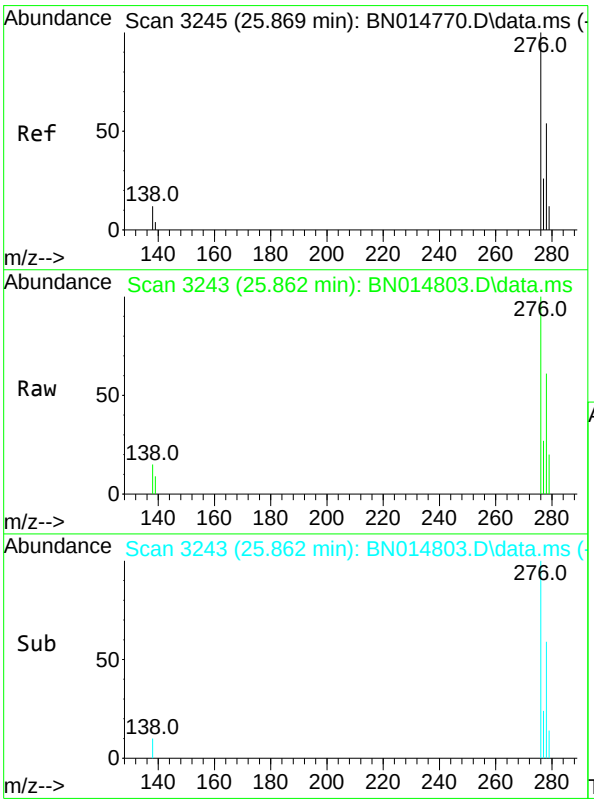


#35
Perylene-d12
Concen: 0.40 ng
RT: 23.576 min Scan# 2575
Delta R.T. -0.010 min
Lab File: BN014803.D
Acq: 28 May 2021 14:34

Tgt Ion:264 Resp: 4592

Ion	Ratio	Lower	Upper
264	100		
260	27.1	21.4	32.2
265	53.7	40.9	61.3

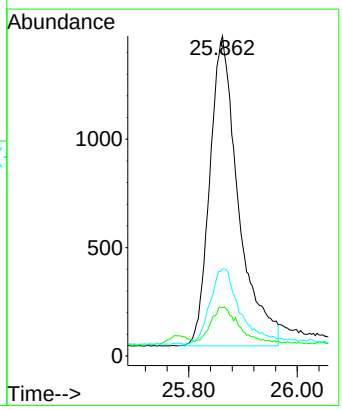


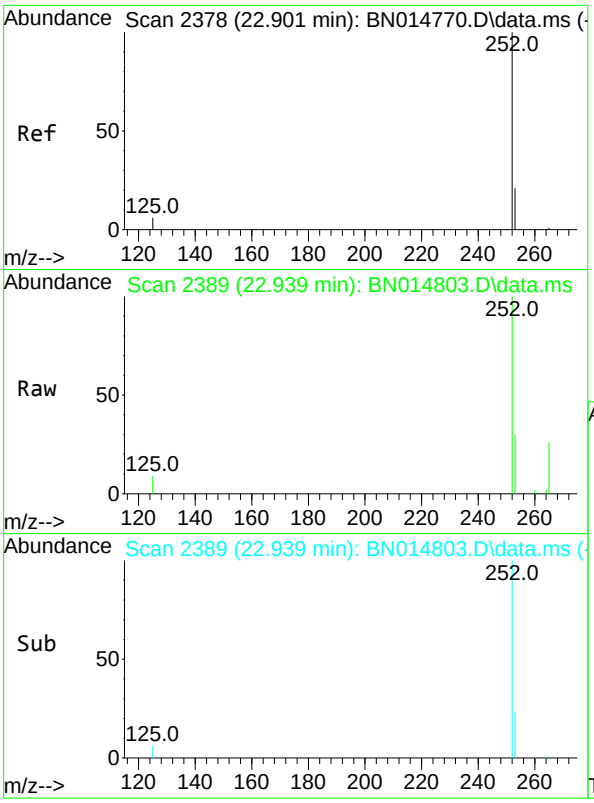


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.28 ng
RT: 25.862 min Scan# 3243
Delta R.T. -0.007 min
Lab File: BN014803.D
Acq: 28 May 2021 14:34

Tgt Ion:276 Resp: 5233

Ion	Ratio	Lower	Upper
276	100		
138	10.2	10.2	15.4#
277	25.3	20.4	30.6

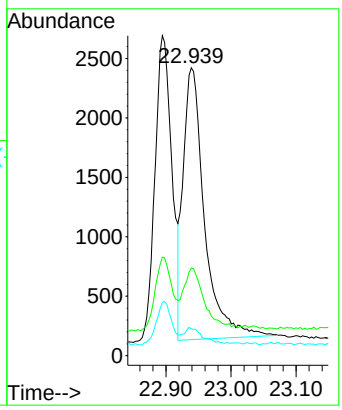




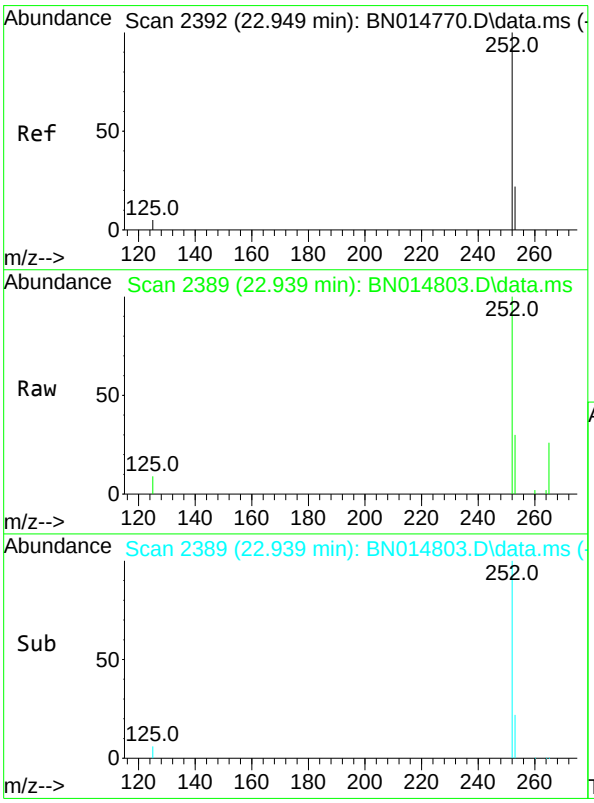
#37
Benzo(b)fluoranthene
Concen: 0.31 ng
RT: 22.939 min Scan# 2389
Delta R.T. 0.038 min
Lab File: BN014803.D
Acq: 28 May 2021 14:34

Tgt Ion:252 Resp: 5188

Ion	Ratio	Lower	Upper
252	100		
253	30.4	21.5	32.3
125	9.3	6.6	10.0



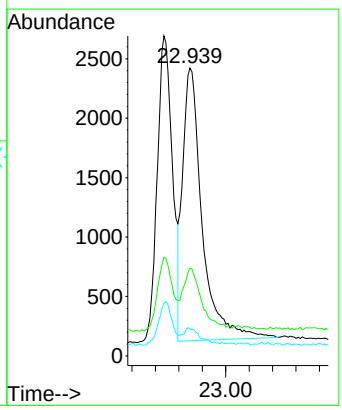
Instrument :
BNA_N
ClientSampleId :
PB136521BS



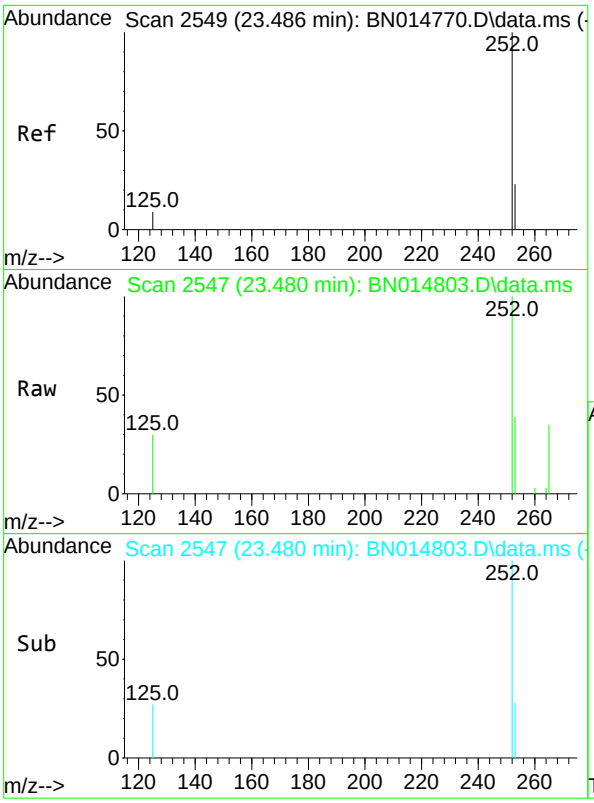
#38
Benzo(k)fluoranthene
Concen: 0.30 ng
RT: 22.939 min Scan# 2389
Delta R.T. -0.010 min
Lab File: BN014803.D
Acq: 28 May 2021 14:34

Tgt Ion:252 Resp: 5306

Ion	Ratio	Lower	Upper
252	100		
253	30.4	22.7	34.1
125	9.3	6.4	9.6



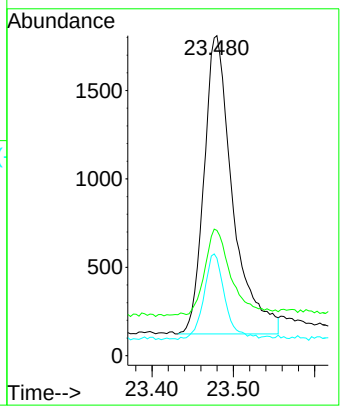
Instrument :
BNA_N
ClientSampleId :
PB136521BS

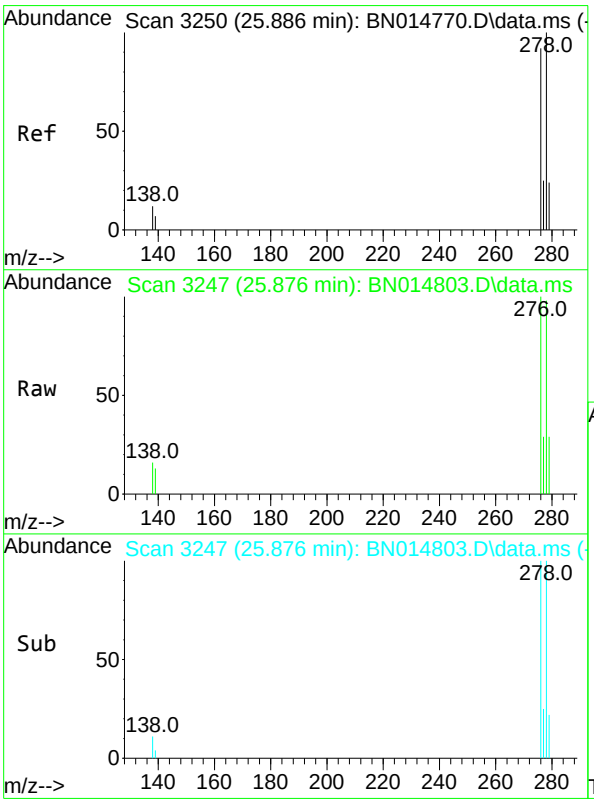


#39
Benzo(a)pyrene
Concen: 0.27 ng
RT: 23.480 min Scan# 2547
Delta R.T. -0.007 min
Lab File: BN014803.D
Acq: 28 May 2021 14:34

Tgt Ion:252 Resp: 4121

Ion	Ratio	Lower	Upper
252	100		
253	39.2	25.1	37.7#
125	30.4	9.4	14.0#

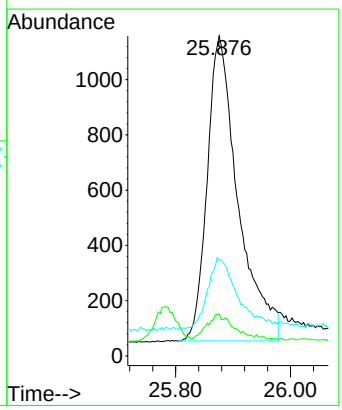


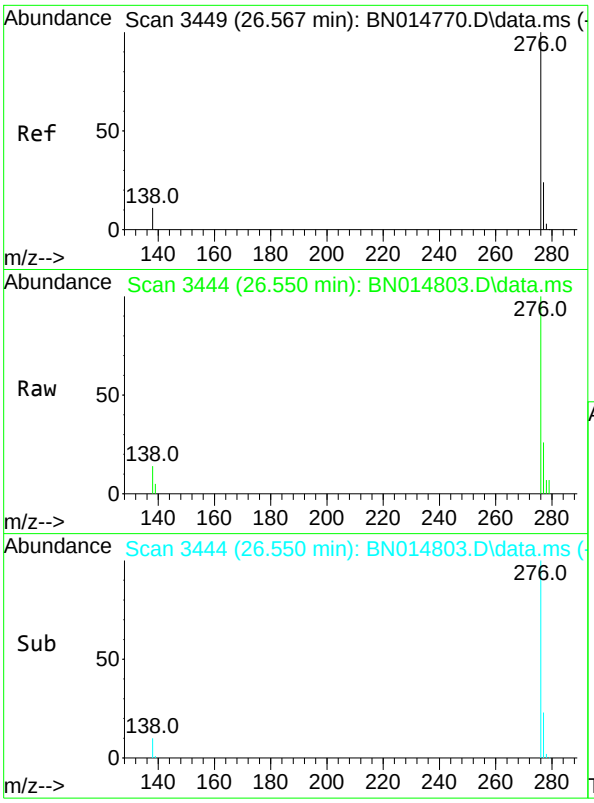


#40
Dibenzo(a,h)anthracene
Concen: 0.26 ng
RT: 25.876 min Scan# 3247
Delta R.T. -0.010 min
Lab File: BN014803.D
Acq: 28 May 2021 14:34

Tgt Ion:278 Resp: 4130

Ion	Ratio	Lower	Upper
278	100		
139	13.1	8.6	13.0#
279	30.0	22.8	34.2

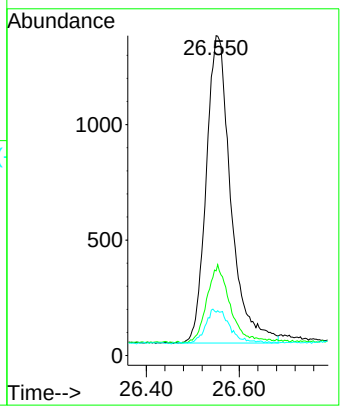




#41
Benzo(g,h,i)perylene
Concen: 0.29 ng
RT: 26.550 min Scan# 3444
Delta R.T. -0.017 min
Lab File: BN014803.D
Acq: 28 May 2021 14:34

Tgt Ion:276 Resp: 4878

Ion	Ratio	Lower	Upper
276	100		
277	26.5	20.9	31.3
138	13.6	10.3	15.5



Instrument :
BNA_N
ClientSampleId :
PB136521BS