Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121321\
Data File : BN017975.D
Acq On : 13 Dec 2021 18:46
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 14 03:41:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 11 00:01:30 2021
Response via : Initial Calibration

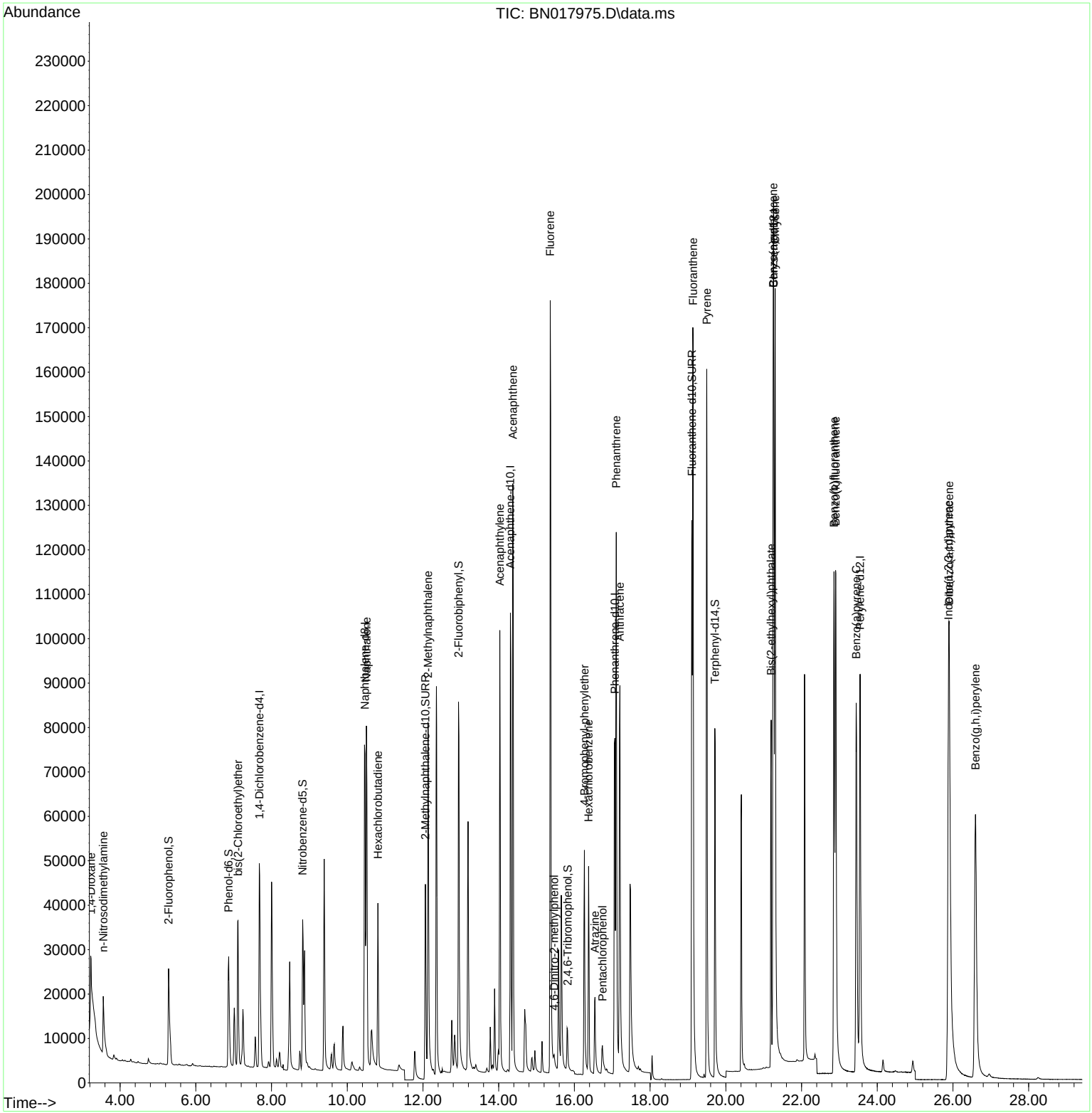
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.678	152	29149	0.400	ng	-0.04
7) Naphthalene-d8	10.469	136	117681	0.400	ng	-0.03
13) Acenaphthene-d10	14.309	164	71298	0.400	ng	-0.03
19) Phenanthrene-d10	17.068	188	142623	0.400	ng	-0.02
29) Chrysene-d12	21.261	240	141546	0.400	ng	#-0.03
35) Perylene-d12	23.548	264	141261	0.400	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.281	112	29046	0.483	ng	-0.05
5) Phenol-d6	6.867	99	29633	0.497	ng	-0.03
8) Nitrobenzene-d5	8.821	82	33373	0.434	ng	-0.04
11) 2-Methylnaphthalene-d10	12.063	152	77245	0.373	ng	-0.03
14) 2,4,6-Tribromophenol	15.819	330	11675	0.633	ng	-0.02
15) 2-Fluorobiphenyl	12.939	172	98112	0.391	ng	-0.03
27) Fluoranthene-d10	19.105	212	185087	0.400	ng	-0.02
31) Terphenyl-d14	19.710	244	114558	0.328	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.234	88	9706	1.097	ng	# 82
3) n-Nitrosodimethylamine	3.556	42	11624	0.434	ng	# 87
6) bis(2-Chloroethyl)ether	7.115	93	30195	0.413	ng	99
9) Naphthalene	10.507	128	113428	0.388	ng	100
10) Hexachlorobutadiene	10.811	225	31286	0.375	ng	# 100
12) 2-Methylnaphthalene	12.134	142	73967	0.380	ng	100
16) Acenaphthylene	14.030	152	115481	0.434	ng	100
17) Acenaphthene	14.373	154	73318	0.396	ng	99
18) Fluorene	15.362	166	90507	0.402	ng	99
20) 4,6-Dinitro-2-methylph...	15.464	198	3360	2.273	ng	# 23
21) 4-Bromophenyl-phenylether	16.265	248	33375	0.408	ng	96
22) Hexachlorobenzene	16.374	284	39423	0.370	ng	99
23) Atrazine	16.545	200	23242	0.423	ng	99
24) Pentachlorophenol	16.740	266	7153	1.255	ng	98
25) Phenanthrene	17.105	178	142218	0.390	ng	100
26) Anthracene	17.202	178	128470	0.423	ng	99
28) Fluoranthene	19.134	202	178630	0.398	ng	100
30) Pyrene	19.497	202	182258	0.328	ng	100
32) Benzo(a)anthracene	21.251	228	168357	0.421	ng	99
33) Chrysene	21.304	228	170486	0.367	ng	99
34) Bis(2-ethylhexyl)phtha...	21.197	149	79640	0.524	ng	99
36) Indeno(1,2,3-cd)pyrene	25.882	276	181554	0.697	ng	99
37) Benzo(b)fluoranthene	22.857	252	166599	0.357	ng	98
38) Benzo(k)fluoranthene	22.901	252	160273	0.352	ng	100
39) Benzo(a)pyrene	23.445	252	164074	0.395	ng	# 92
40) Dibenzo(a,h)anthracene	25.903	278	134238	0.763	ng	96
41) Benzo(g,h,i)perylene	26.594	276	171739	0.765	ng	98

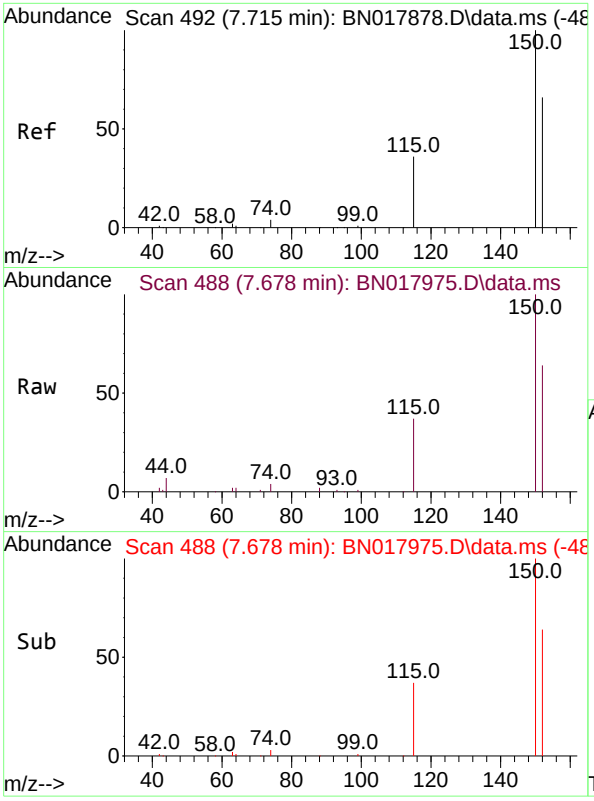
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121321\
Data File : BN017975.D
Acq On : 13 Dec 2021 18:46
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 14 03:41:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 11 00:01:30 2021
Response via : Initial Calibration



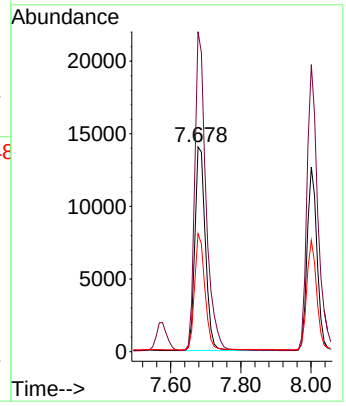


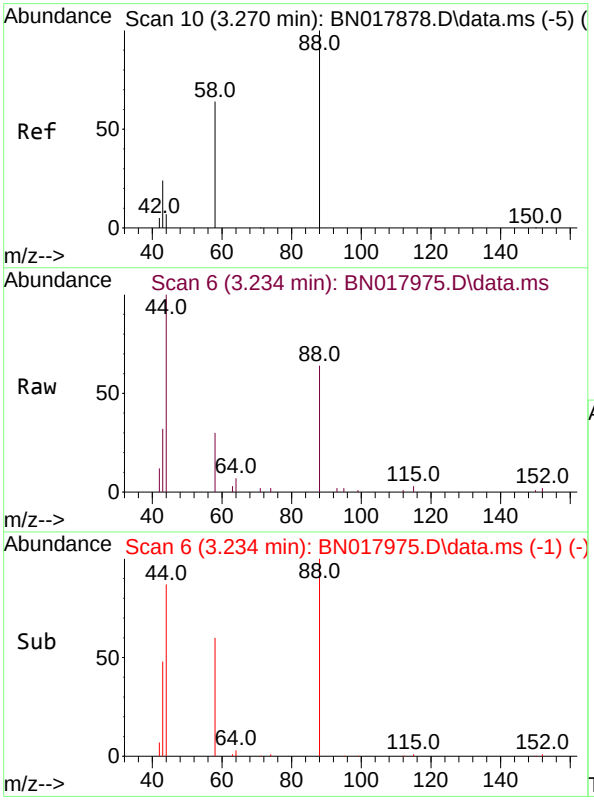
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.678 min Scan# 48
Delta R.T. -0.037 min
Lab File: BN017975.D
Acq: 13 Dec 2021 18:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 29149

Ion	Ratio	Lower	Upper
152	100		
150	156.2	121.9	182.9
115	57.6	44.1	66.1

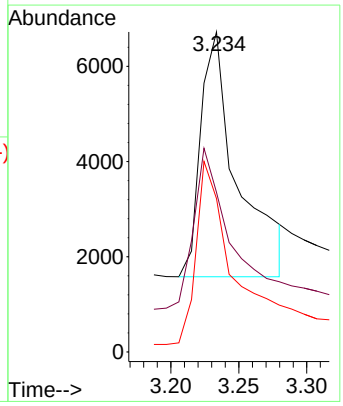


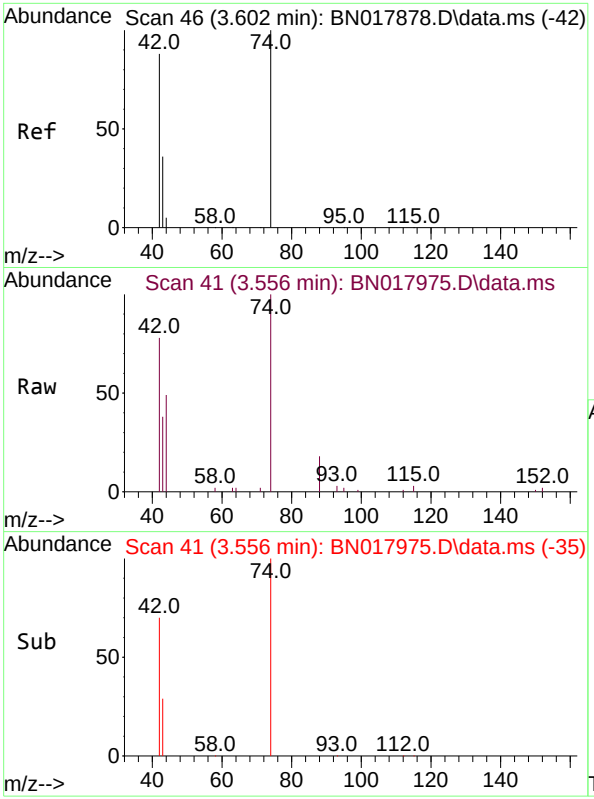


#2
1,4-Dioxane
Concen: 1.097 ng
RT: 3.234 min Scan# 6
Delta R.T. -0.037 min
Lab File: BN017975.D
Acq: 13 Dec 2021 18:46

Tgt Ion: 88 Resp: 9706

Ion	Ratio	Lower	Upper
88	100		
43	60.2	28.0	42.0#
58	74.9	65.4	98.0



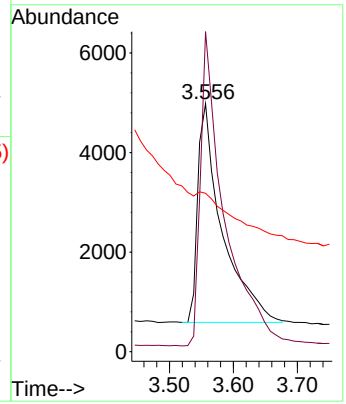


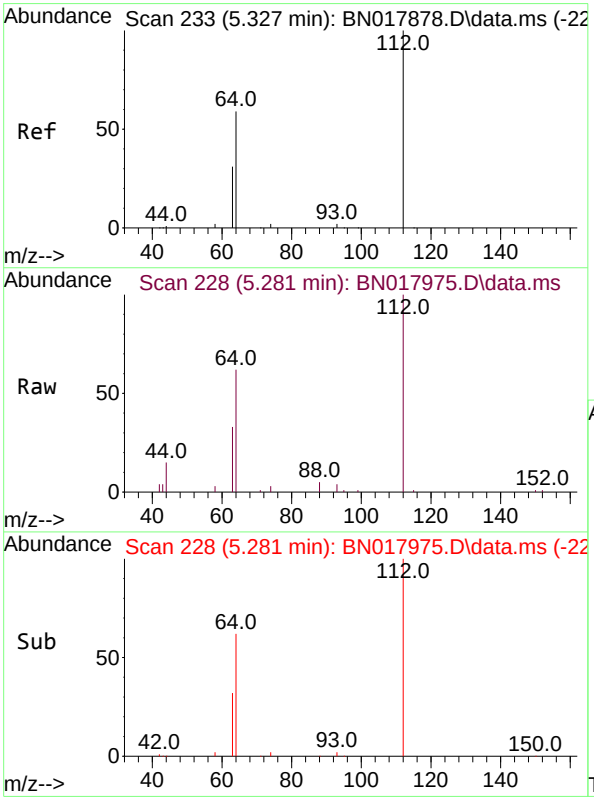
#3
n-Nitrosodimethylamine
Concen: 0.434 ng
RT: 3.556 min Scan# 4
Delta R.T. -0.046 min
Lab File: BN017975.D
Acq: 13 Dec 2021 18:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 11624

Ion	Ratio	Lower	Upper
42	100		
74	140.4	100.6	150.8
44	0.0	5.2	7.8#

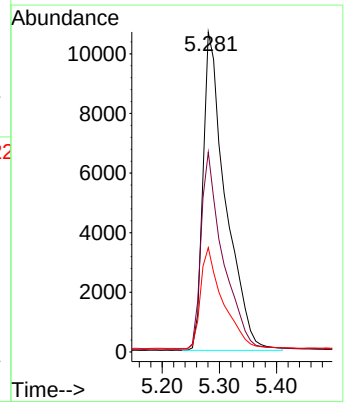


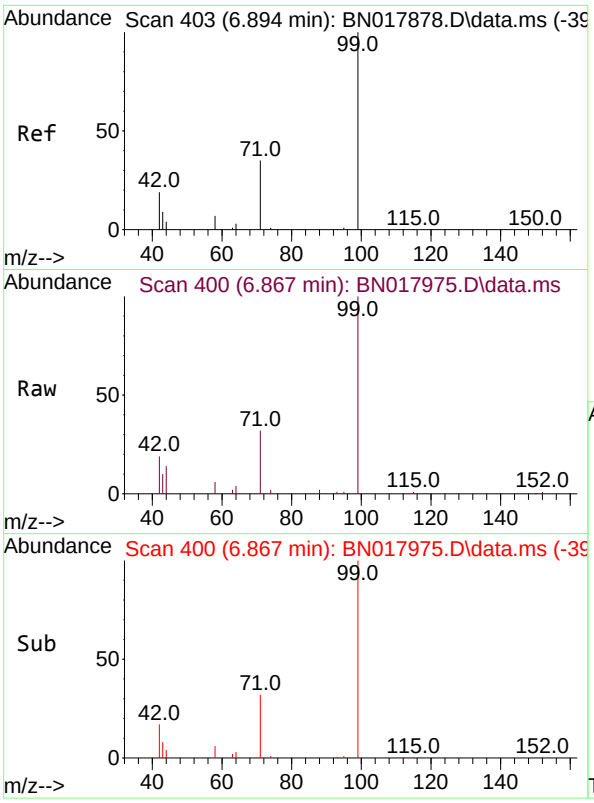


#4
2-Fluorophenol
Concen: 0.483 ng
RT: 5.281 min Scan# 228
Delta R.T. -0.046 min
Lab File: BN017975.D
Acq: 13 Dec 2021 18:46

Tgt Ion:112 Resp: 29046

Ion	Ratio	Lower	Upper
112	100		
64	60.1	49.0	73.4
63	31.2	26.2	39.2



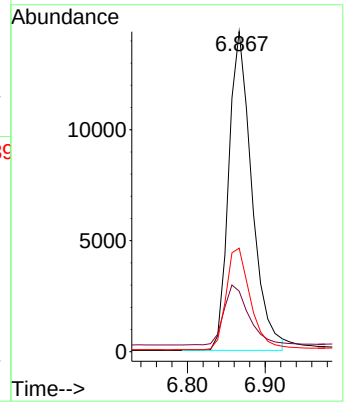


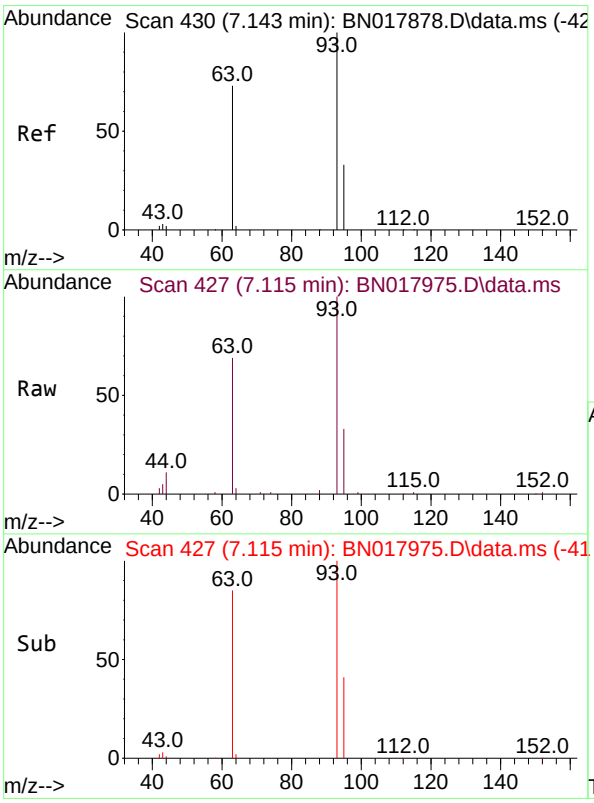
#5
Phenol-d6
Concen: 0.497 ng
RT: 6.867 min Scan# 4(
Delta R.T. -0.028 min
Lab File: BN017975.D
Acq: 13 Dec 2021 18:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 29633

Ion	Ratio	Lower	Upper
99	100		
42	20.3	17.0	25.4
71	33.4	28.0	42.0

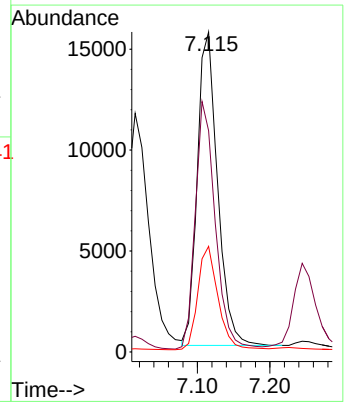


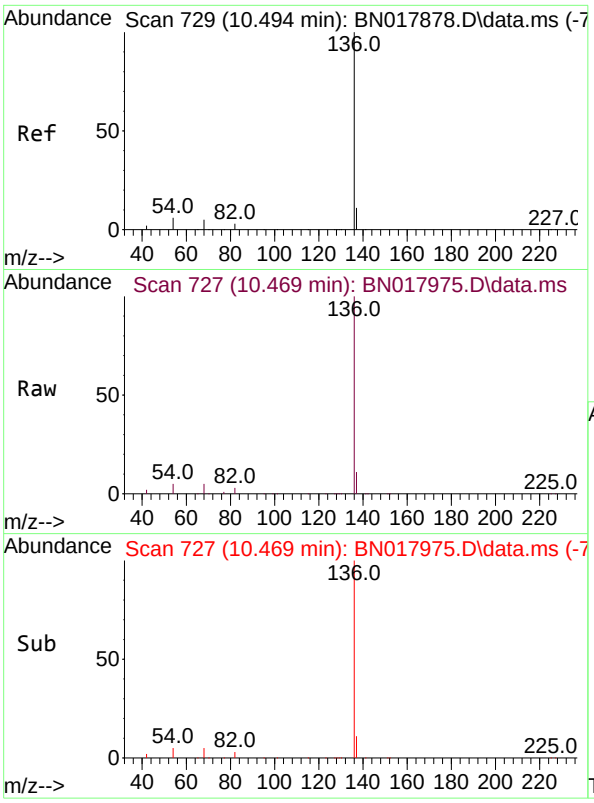


#6
bis(2-Chloroethyl)ether
Concen: 0.413 ng
RT: 7.115 min Scan# 427
Delta R.T. -0.028 min
Lab File: BN017975.D
Acq: 13 Dec 2021 18:46

Tgt Ion: 93 Resp: 30195

Ion	Ratio	Lower	Upper
93	100		
63	78.1	62.0	93.0
95	33.0	26.2	39.4



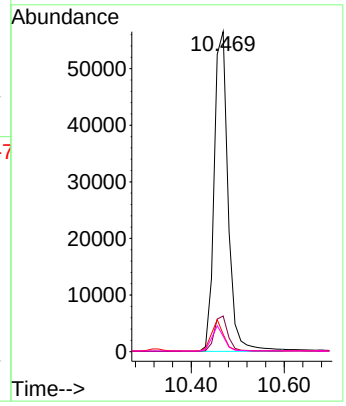


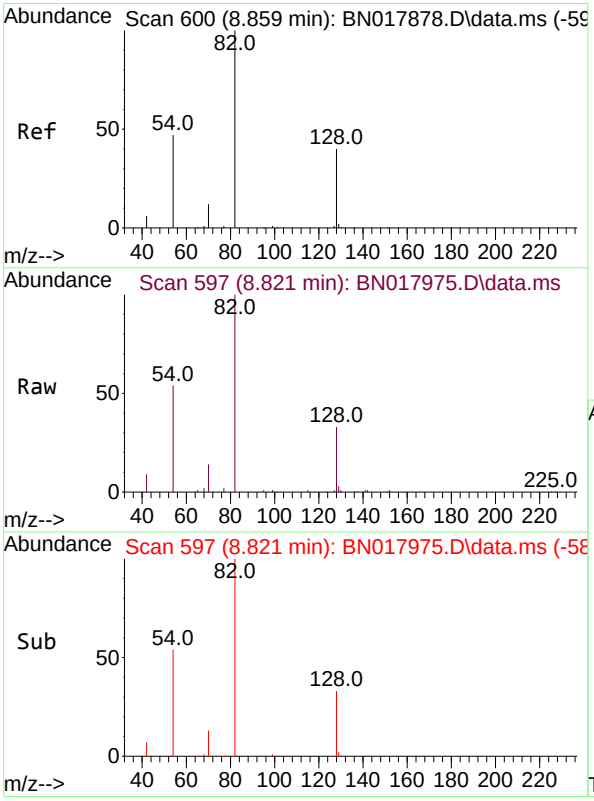
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.469 min Scan# 7
Delta R.T. -0.025 min
Lab File: BN017975.D
Acq: 13 Dec 2021 18:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 117681

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	5.5	5.1	7.7
68	4.9	4.4	6.6

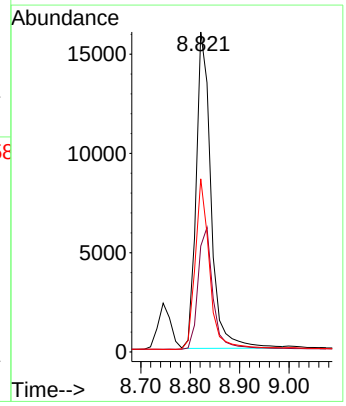


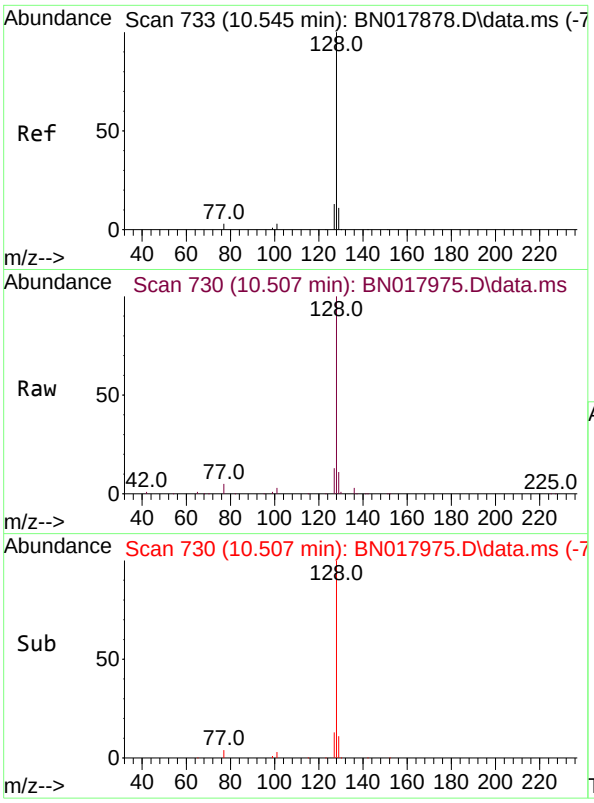


#8
Nitrobenzene-d5
Concen: 0.434 ng
RT: 8.821 min Scan# 597
Delta R.T. -0.038 min
Lab File: BN017975.D
Acq: 13 Dec 2021 18:46

Tgt Ion: 82 Resp: 33373

Ion	Ratio	Lower	Upper
82	100		
128	33.1	32.2	48.4
54	54.1	37.6	56.4



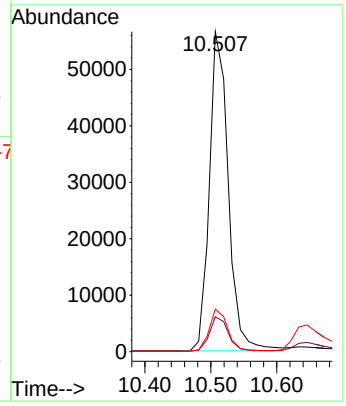


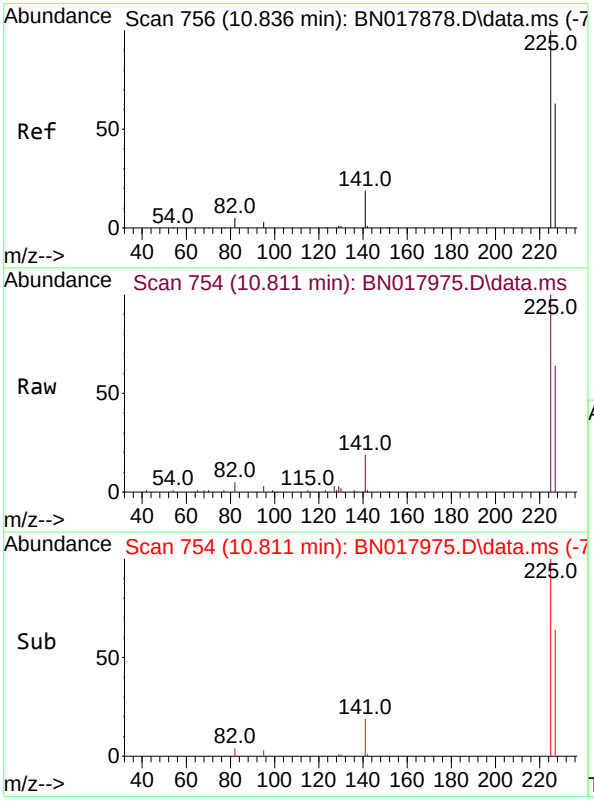
#9
Naphthalene
Concen: 0.388 ng
RT: 10.507 min Scan# 7
Delta R.T. -0.038 min
Lab File: BN017975.D
Acq: 13 Dec 2021 18:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 113428

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.3	10.5	15.7

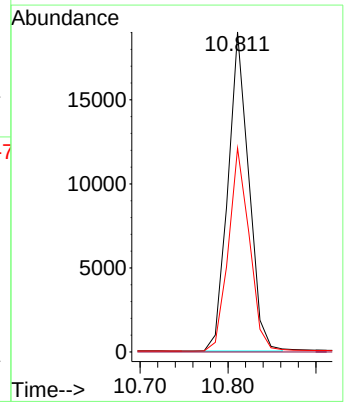


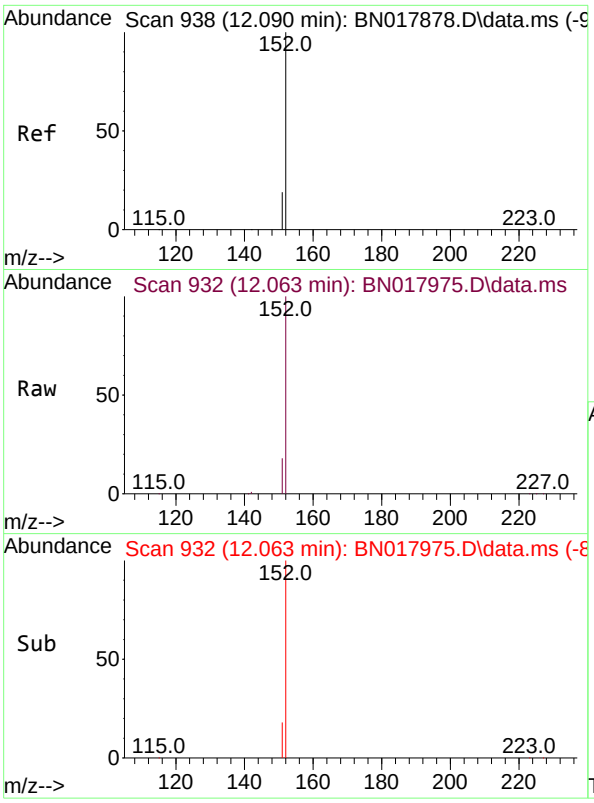


#10
Hexachlorobutadiene
Concen: 0.375 ng
RT: 10.811 min Scan# 754
Delta R.T. -0.025 min
Lab File: BN017975.D
Acq: 13 Dec 2021 18:46

Tgt Ion:225 Resp: 31286

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	51.1	76.7



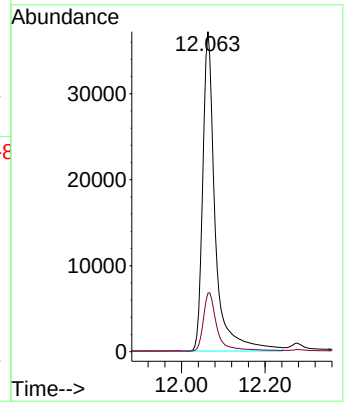


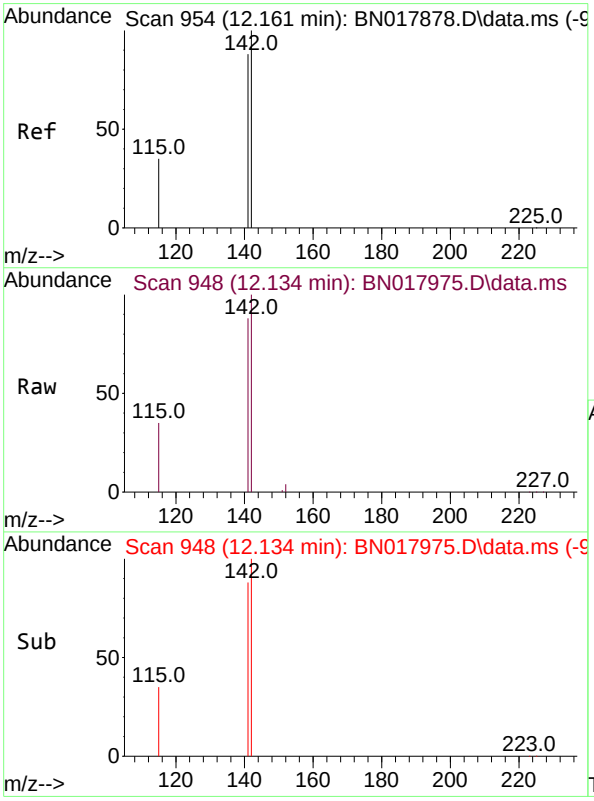
#11
2-Methylnaphthalene-d10
Concen: 0.373 ng
RT: 12.063 min Scan# 9
Delta R.T. -0.027 min
Lab File: BN017975.D
Acq: 13 Dec 2021 18:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 77245

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.4	24.6

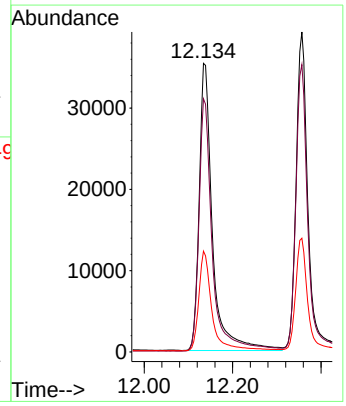


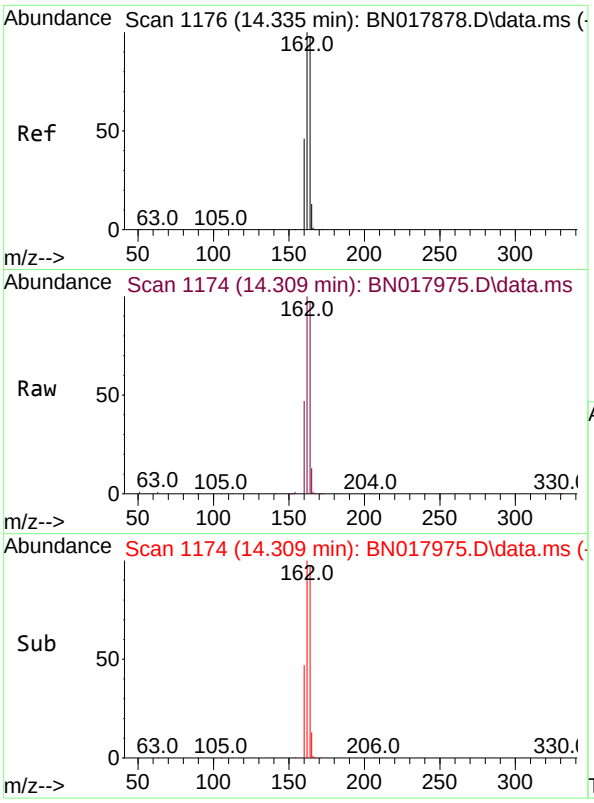


#12
2-Methylnaphthalene
Concen: 0.380 ng
RT: 12.134 min Scan# 948
Delta R.T. -0.027 min
Lab File: BN017975.D
Acq: 13 Dec 2021 18:46

Tgt Ion:142 Resp: 73967

Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.6	105.8
115	34.9	27.8	41.6



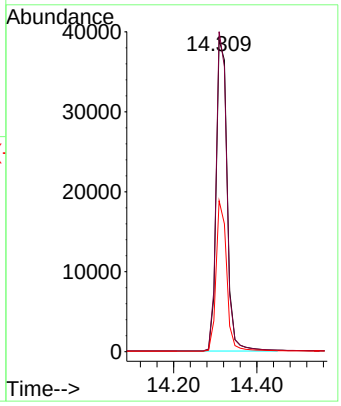


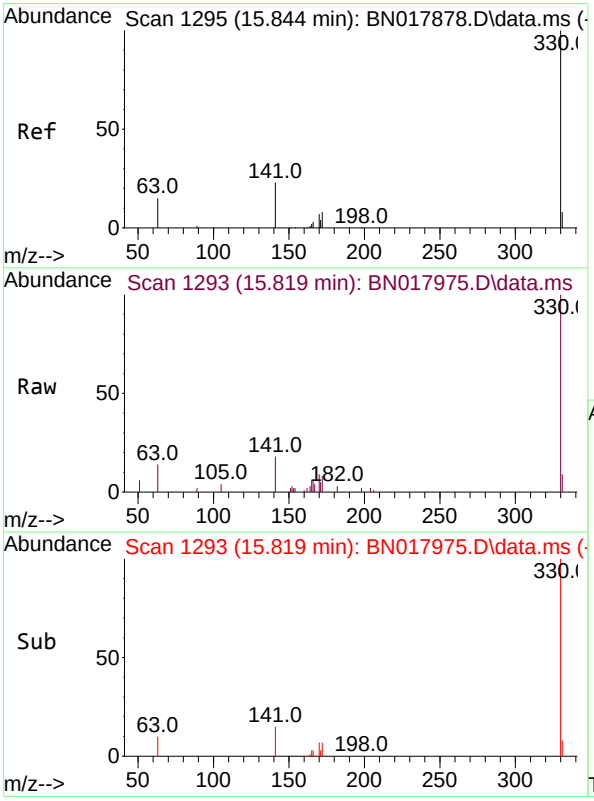
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.309 min Scan# 11
Delta R.T. -0.025 min
Lab File: BN017975.D
Acq: 13 Dec 2021 18:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 71298

Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.1	123.1
160	48.4	38.2	57.2

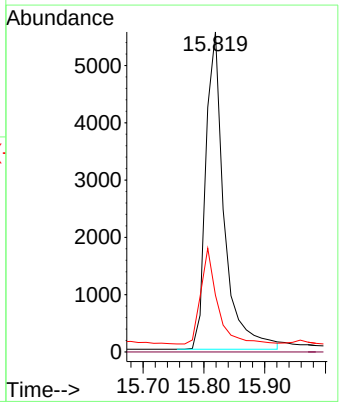


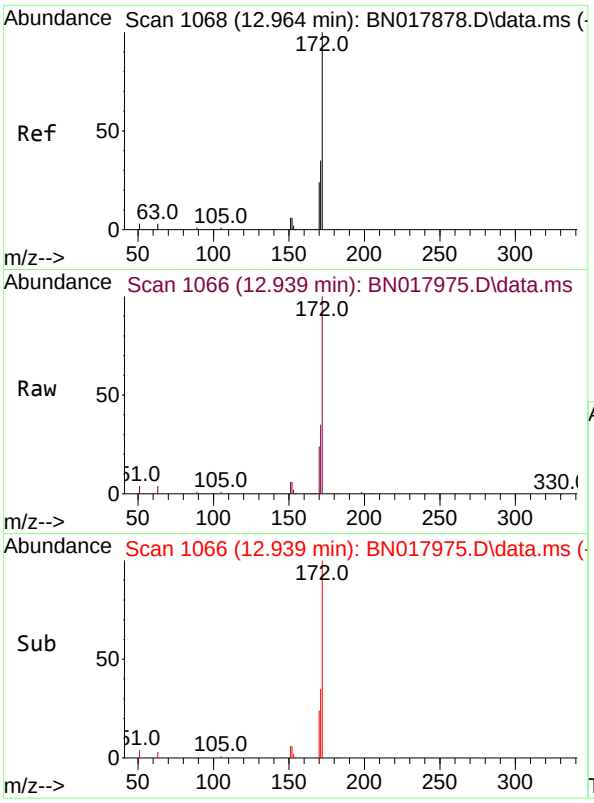


#14
2,4,6-Tribromophenol
Concen: 0.633 ng
RT: 15.819 min Scan# 1293
Delta R.T. -0.025 min
Lab File: BN017975.D
Acq: 13 Dec 2021 18:46

Tgt Ion:330 Resp: 11675

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	27.3	19.7	29.5



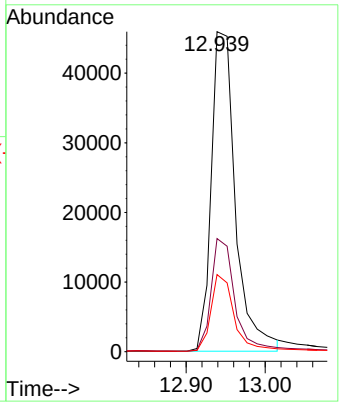


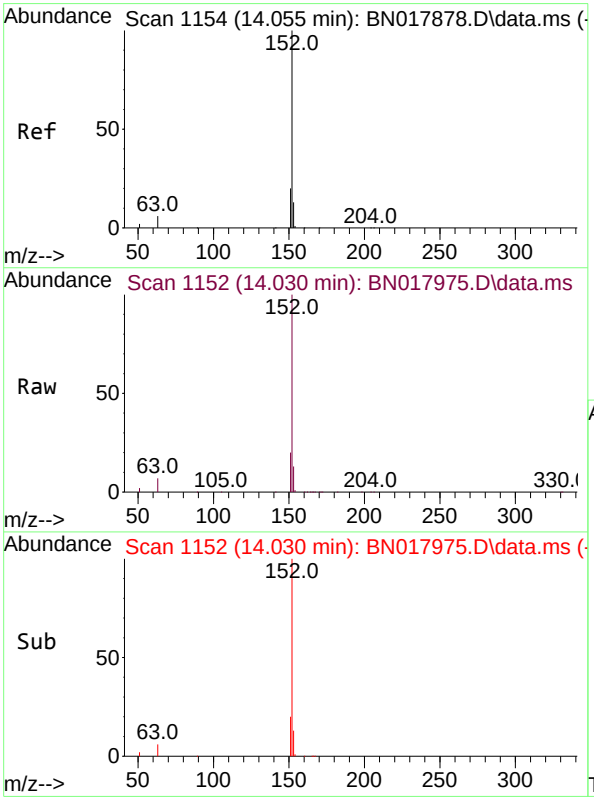
#15
2-Fluorobiphenyl
Concen: 0.391 ng
RT: 12.939 min Scan# 1
Delta R.T. -0.025 min
Lab File: BN017975.D
Acq: 13 Dec 2021 18:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 98112

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.3	42.5
170	24.1	19.1	28.7

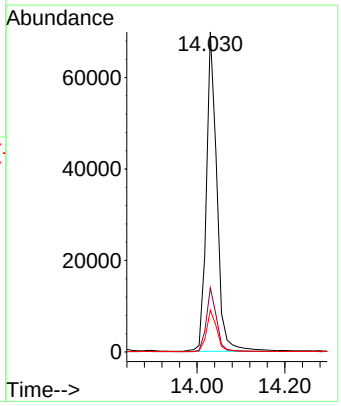


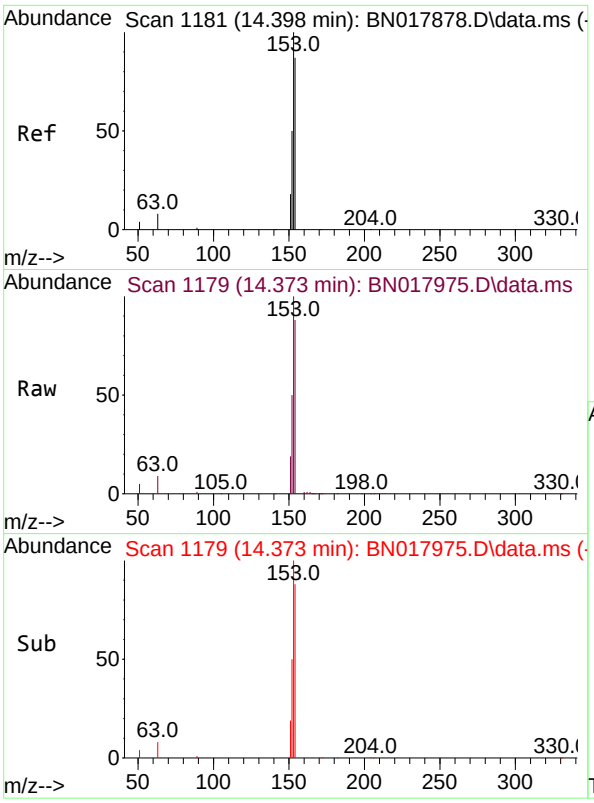


#16
Acenaphthylene
Concen: 0.434 ng
RT: 14.030 min Scan# 1152
Delta R.T. -0.025 min
Lab File: BN017975.D
Acq: 13 Dec 2021 18:46

Tgt Ion:152 Resp: 115481

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.6	23.4
153	13.0	10.5	15.7



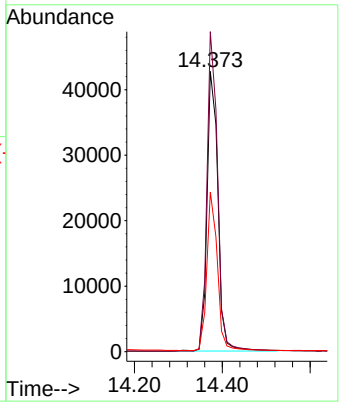


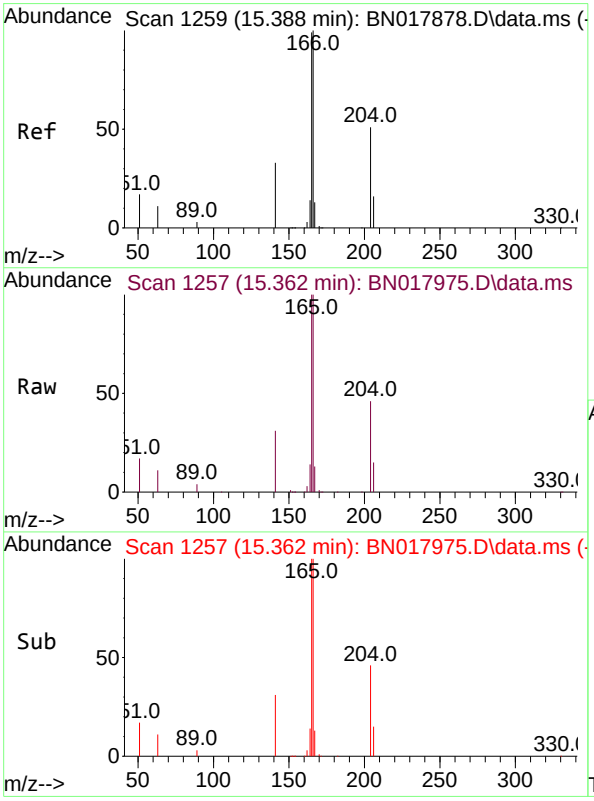
#17
Acenaphthene
Concen: 0.396 ng
RT: 14.373 min Scan# 11
Delta R.T. -0.025 min
Lab File: BN017975.D
Acq: 13 Dec 2021 18:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 73318

Ion	Ratio	Lower	Upper
154	100		
153	111.4	89.8	134.8
152	54.6	44.2	66.2

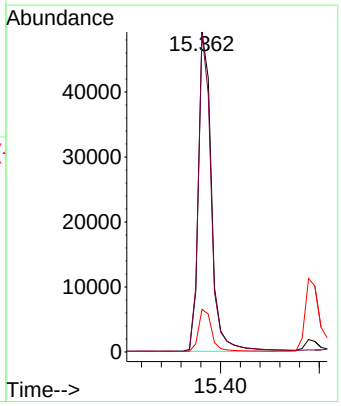


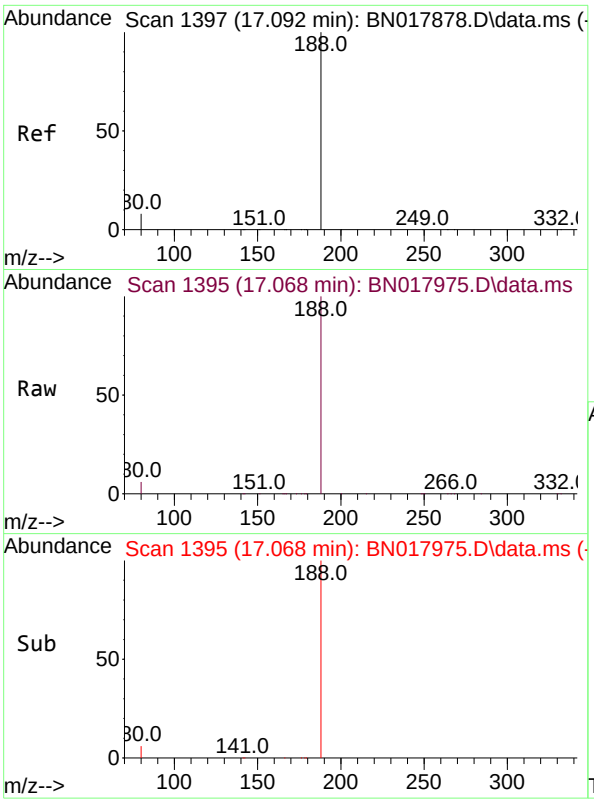


#18
Fluorene
Concen: 0.402 ng
RT: 15.362 min Scan# 1257
Delta R.T. -0.025 min
Lab File: BN017975.D
Acq: 13 Dec 2021 18:46

Tgt Ion:166 Resp: 90507

Ion	Ratio	Lower	Upper
166	100		
165	97.5	77.5	116.3
167	13.4	10.8	16.2



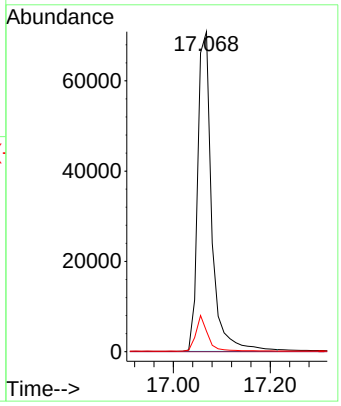


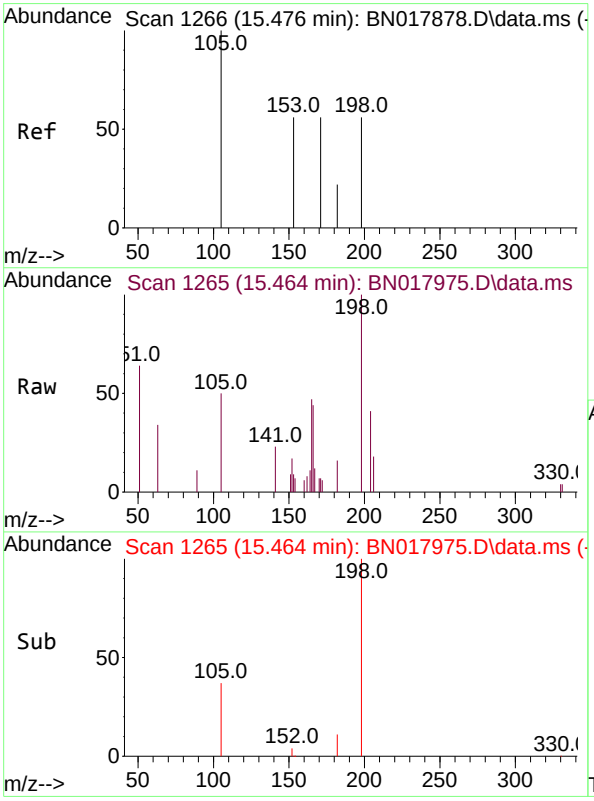
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.068 min Scan# 1
Delta R.T. -0.024 min
Lab File: BN017975.D
Acq: 13 Dec 2021 18:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 142623

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.4	6.2	9.2

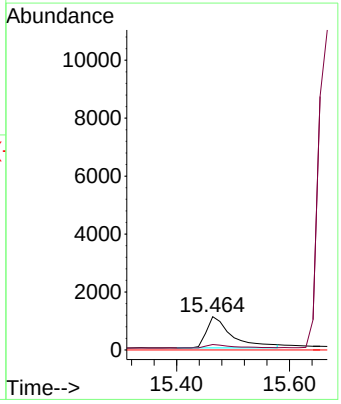


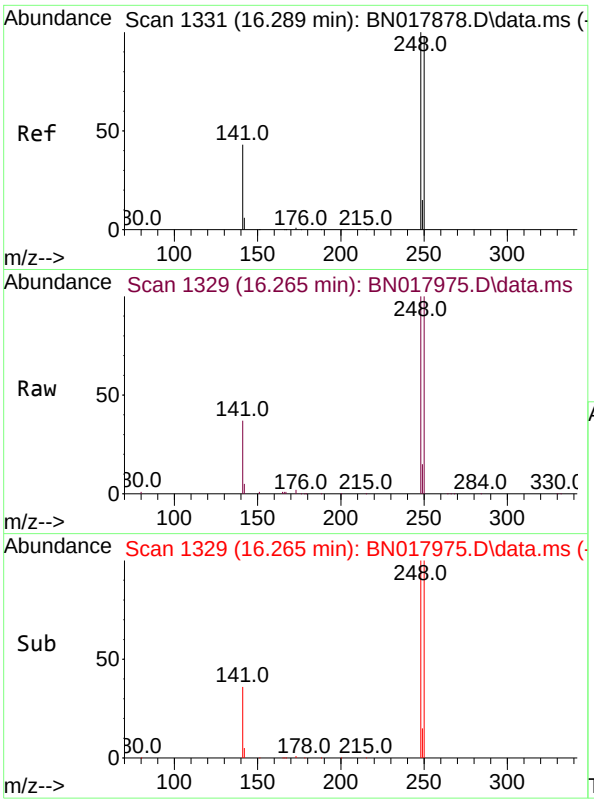


#20
4,6-Dinitro-2-methylphenol
Concen: 2.273 ng
RT: 15.464 min Scan# 1265
Delta R.T. -0.012 min
Lab File: BN017975.D
Acq: 13 Dec 2021 18:46

Tgt Ion:198 Resp: 3360

Ion	Ratio	Lower	Upper
198	100		
182	16.5	70.8	106.2#
77	0.0	0.0	0.0



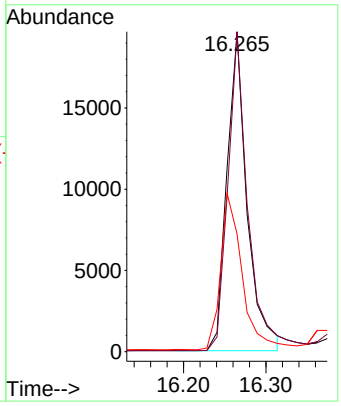


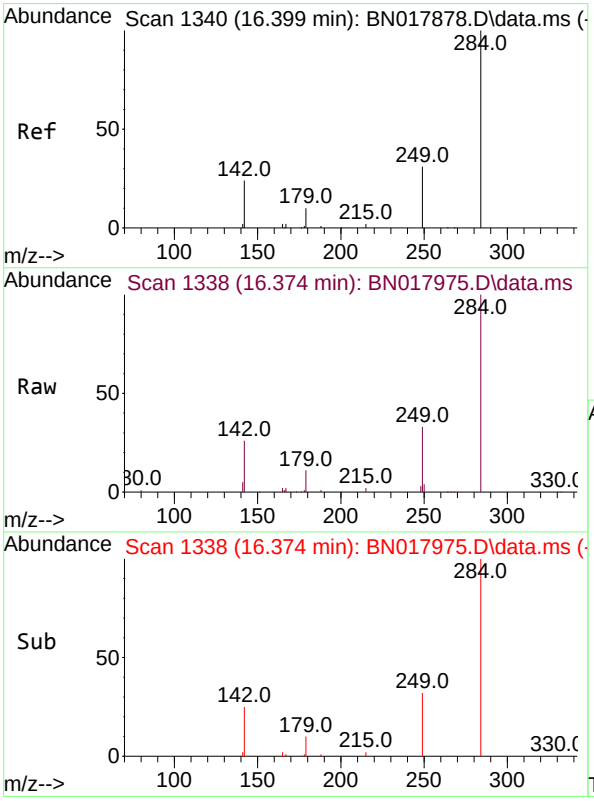
#21
4-Bromophenyl-phenylether
Concen: 0.408 ng
RT: 16.265 min Scan# 1
Delta R.T. -0.024 min
Lab File: BN017975.D
Acq: 13 Dec 2021 18:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 33375

Ion	Ratio	Lower	Upper
248	100		
250	100.1	78.6	117.8
141	36.8	34.6	51.8

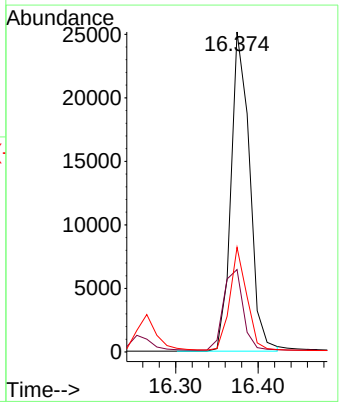


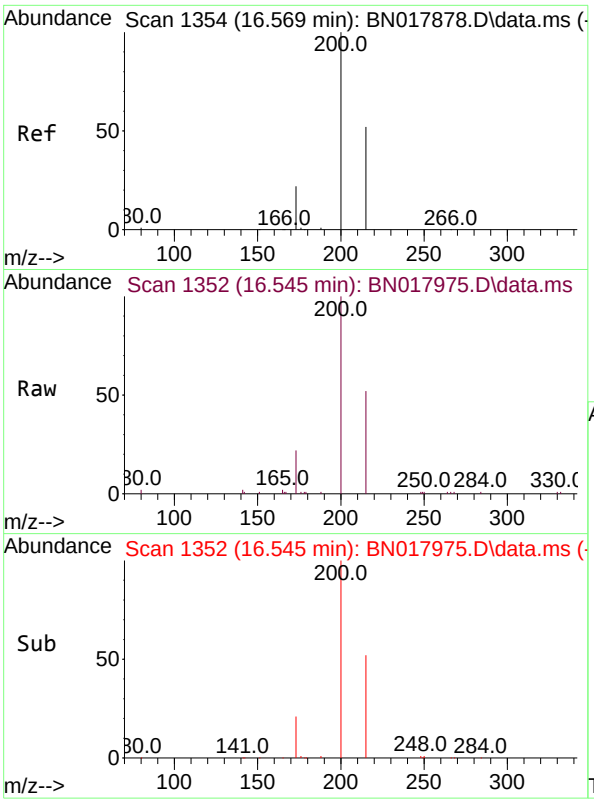


#22
Hexachlorobenzene
Concen: 0.370 ng
RT: 16.374 min Scan# 1338
Delta R.T. -0.024 min
Lab File: BN017975.D
Acq: 13 Dec 2021 18:46

Tgt Ion:284 Resp: 39423

Ion	Ratio	Lower	Upper
284	100		
142	26.9	21.2	31.8
249	29.2	23.2	34.8



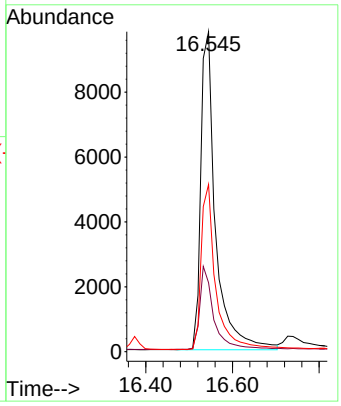


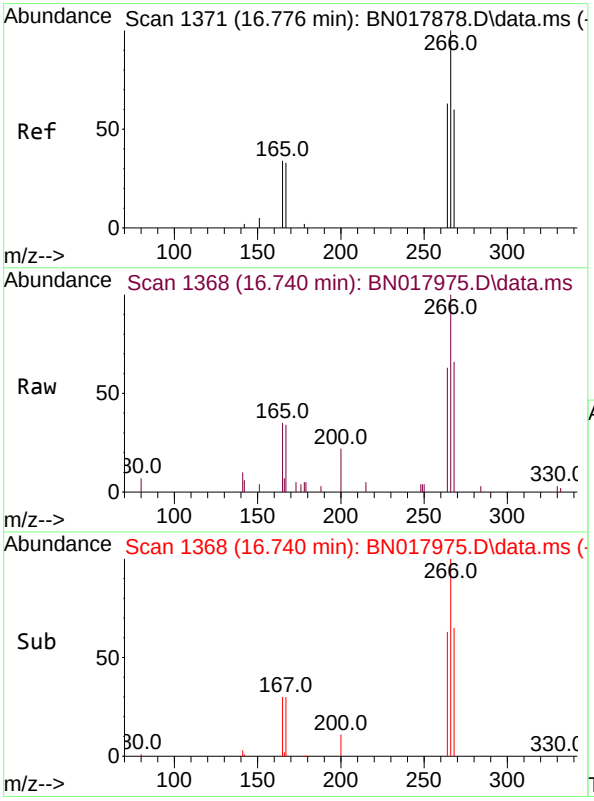
#23
Atrazine
Concen: 0.423 ng
RT: 16.545 min Scan# 1
Delta R.T. -0.024 min
Lab File: BN017975.D
Acq: 13 Dec 2021 18:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 23242

Ion	Ratio	Lower	Upper
200	100		
173	21.6	18.2	27.2
215	52.3	41.8	62.8

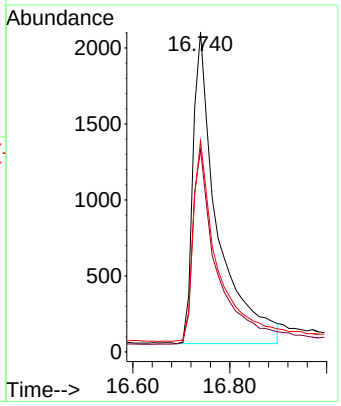


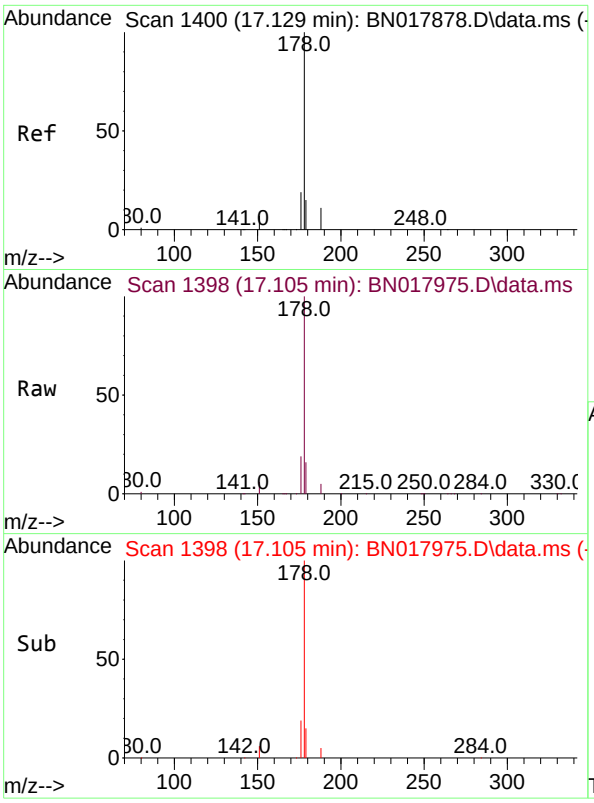


#24
Pentachlorophenol
Concen: 1.255 ng
RT: 16.740 min Scan# 1368
Delta R.T. -0.036 min
Lab File: BN017975.D
Acq: 13 Dec 2021 18:46

Tgt Ion:266 Resp: 7153

Ion	Ratio	Lower	Upper
266	100		
264	62.8	50.6	76.0
268	64.0	53.7	80.5



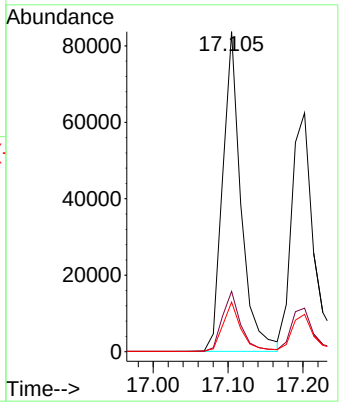


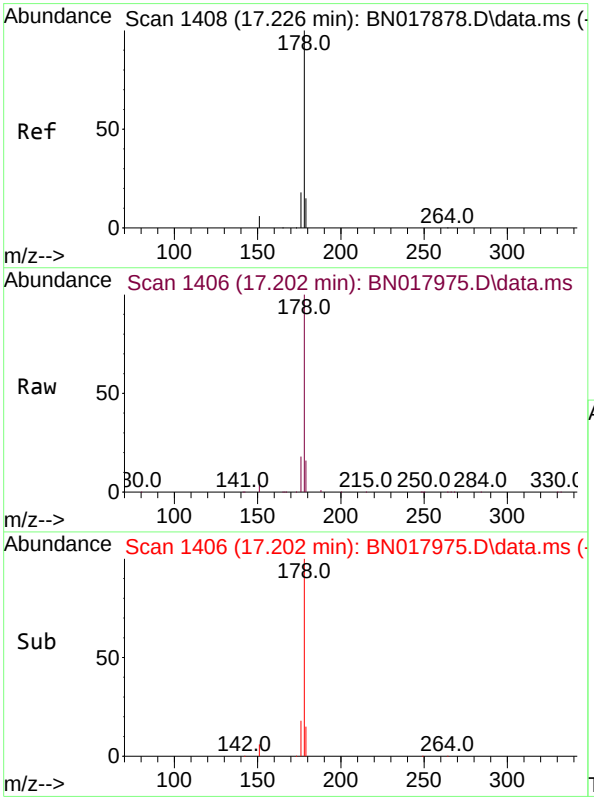
#25
Phenanthrene
Concen: 0.390 ng
RT: 17.105 min Scan# 1
Delta R.T. -0.024 min
Lab File: BN017975.D
Acq: 13 Dec 2021 18:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 142218

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.6
179	15.4	12.4	18.6

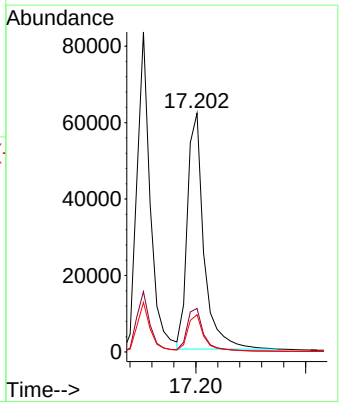


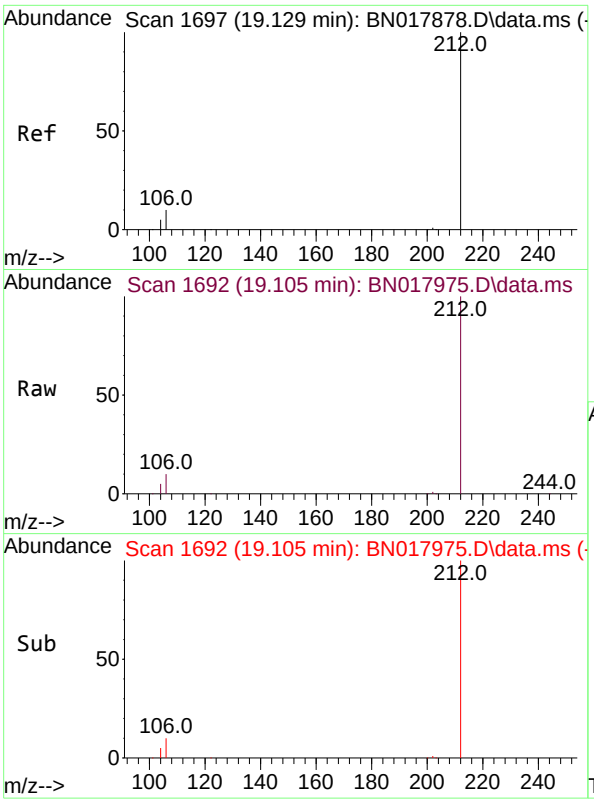


#26
Anthracene
Concen: 0.423 ng
RT: 17.202 min Scan# 1406
Delta R.T. -0.024 min
Lab File: BN017975.D
Acq: 13 Dec 2021 18:46

Tgt Ion:178 Resp: 128470

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.3	21.5
179	15.2	12.2	18.4



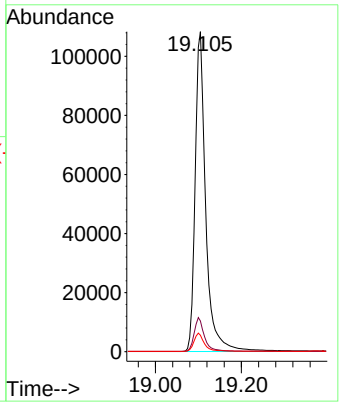


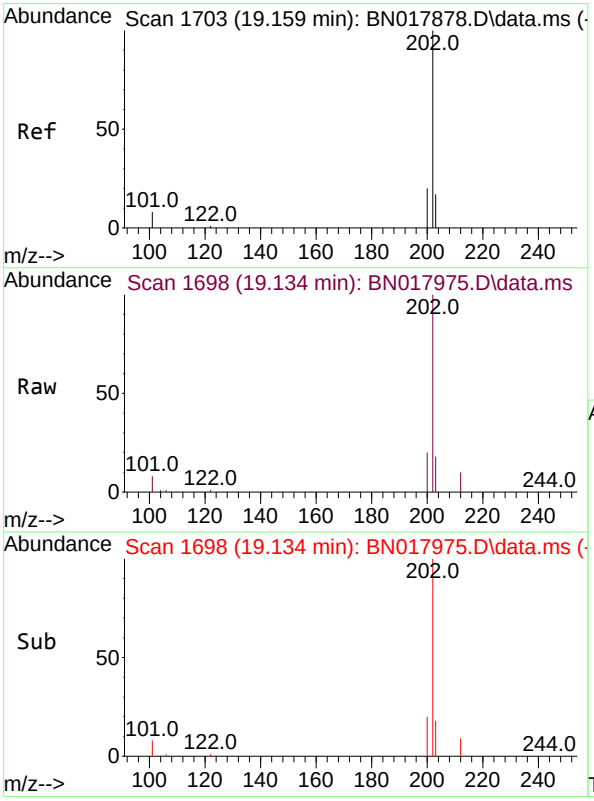
#27
Fluoranthene-d10
Concen: 0.400 ng
RT: 19.105 min Scan# 1
Delta R.T. -0.025 min
Lab File: BN017975.D
Acq: 13 Dec 2021 18:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 185087

Ion	Ratio	Lower	Upper
212	100		
106	10.3	8.3	12.5
104	5.6	4.6	6.8

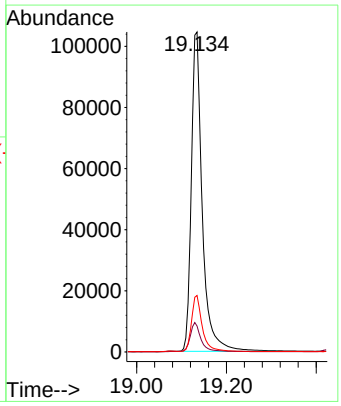


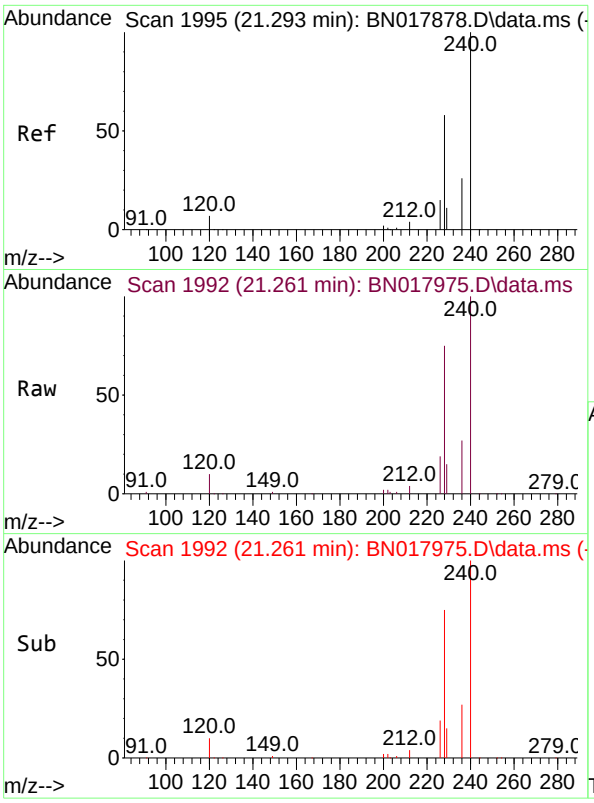


#28
Fluoranthene
Concen: 0.398 ng
RT: 19.134 min Scan# 1698
Delta R.T. -0.025 min
Lab File: BN017975.D
Acq: 13 Dec 2021 18:46

Tgt Ion:202 Resp: 178630

Ion	Ratio	Lower	Upper
202	100		
101	9.1	7.3	10.9
203	17.2	13.7	20.5



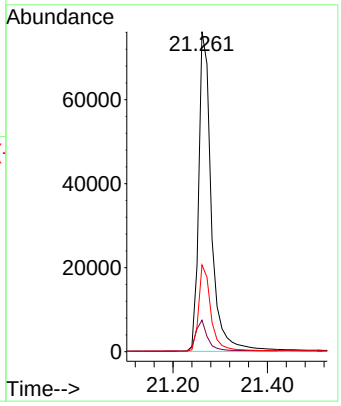


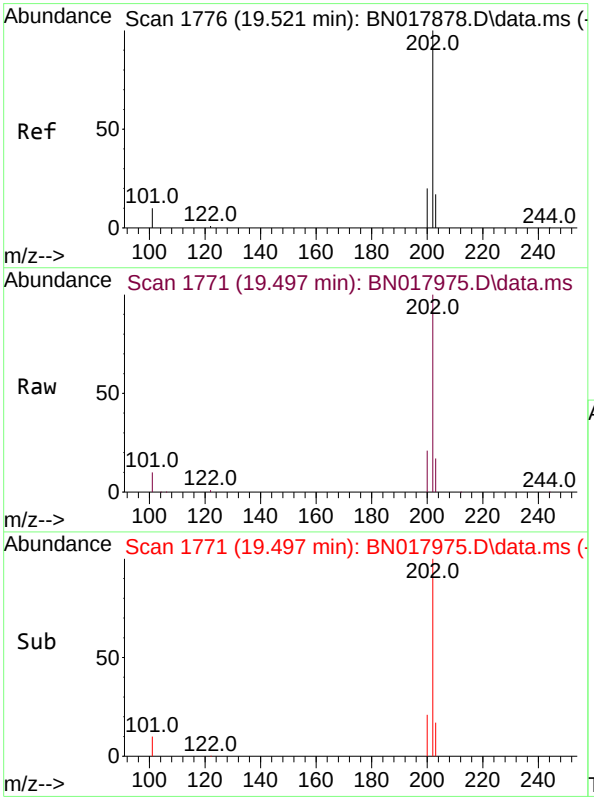
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.261 min Scan# 1
Delta R.T. -0.032 min
Lab File: BN017975.D
Acq: 13 Dec 2021 18:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 141546

Ion	Ratio	Lower	Upper
240	100		
120	9.8	5.8	8.8#
236	27.1	21.0	31.6

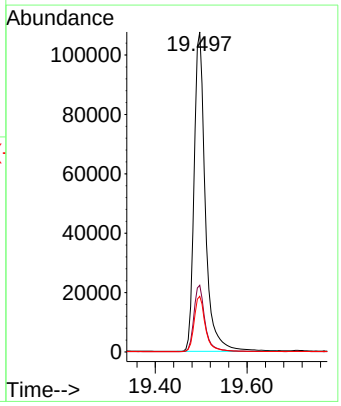


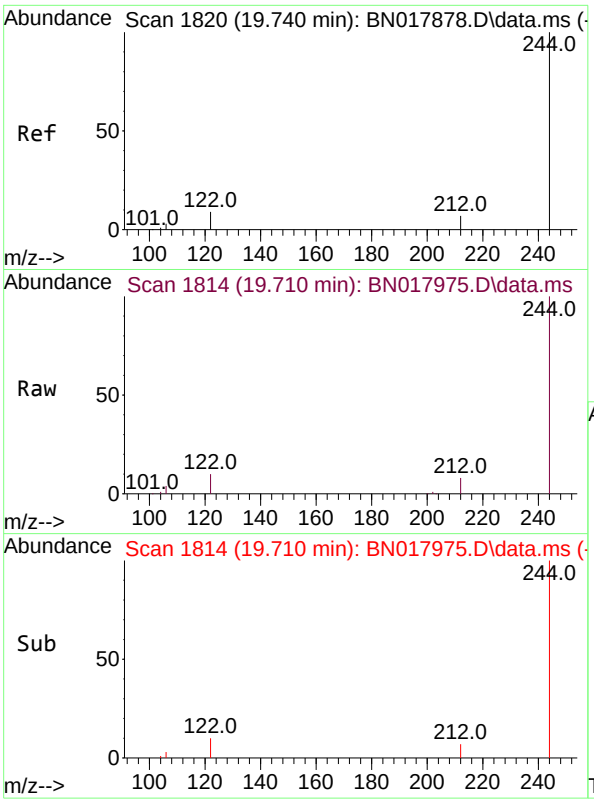


#30
Pyrene
Concen: 0.328 ng
RT: 19.497 min Scan# 1771
Delta R.T. -0.025 min
Lab File: BN017975.D
Acq: 13 Dec 2021 18:46

Tgt Ion:202 Resp: 182258

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.5	24.7
203	17.5	14.0	21.0



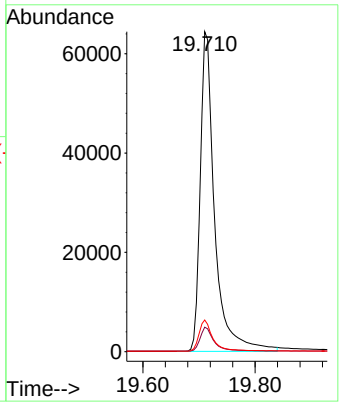


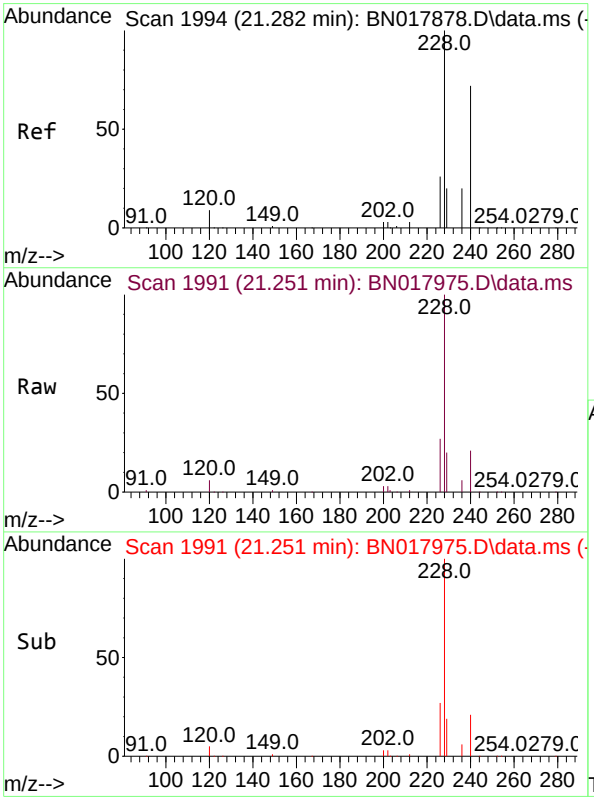
#31
Terphenyl-d14
Concen: 0.328 ng
RT: 19.710 min Scan# 1
Delta R.T. -0.030 min
Lab File: BN017975.D
Acq: 13 Dec 2021 18:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 114558

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	9.9	7.5	11.3

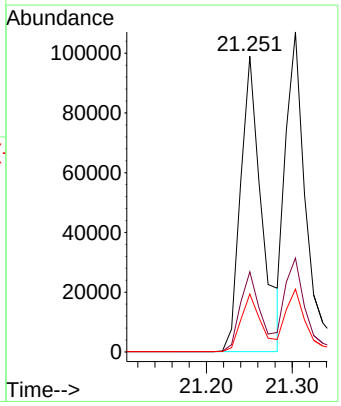


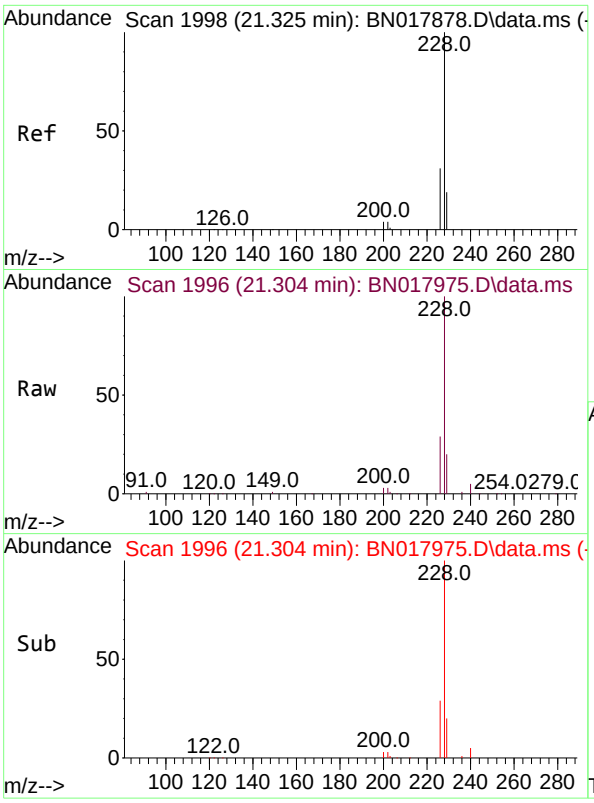


#32
Benzo(a)anthracene
Concen: 0.421 ng
RT: 21.251 min Scan# 1991
Delta R.T. -0.031 min
Lab File: BN017975.D
Acq: 13 Dec 2021 18:46

Tgt Ion:228 Resp: 168357

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.0	31.4
229	19.6	15.8	23.8



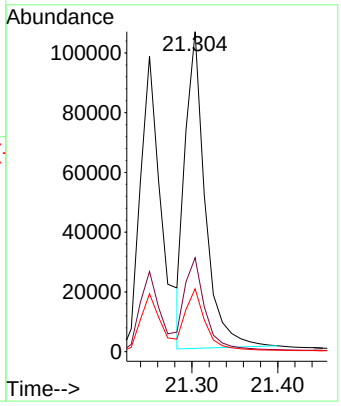


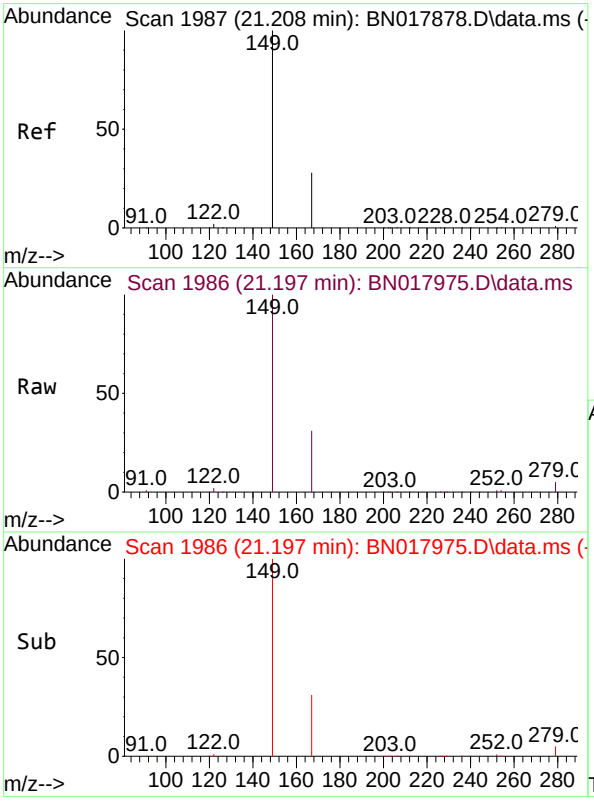
#33
Chrysene
Concen: 0.367 ng
RT: 21.304 min Scan# 1
Delta R.T. -0.021 min
Lab File: BN017975.D
Acq: 13 Dec 2021 18:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 170486

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.8	35.8
229	19.6	15.6	23.4

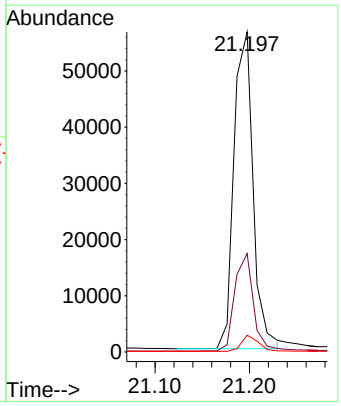


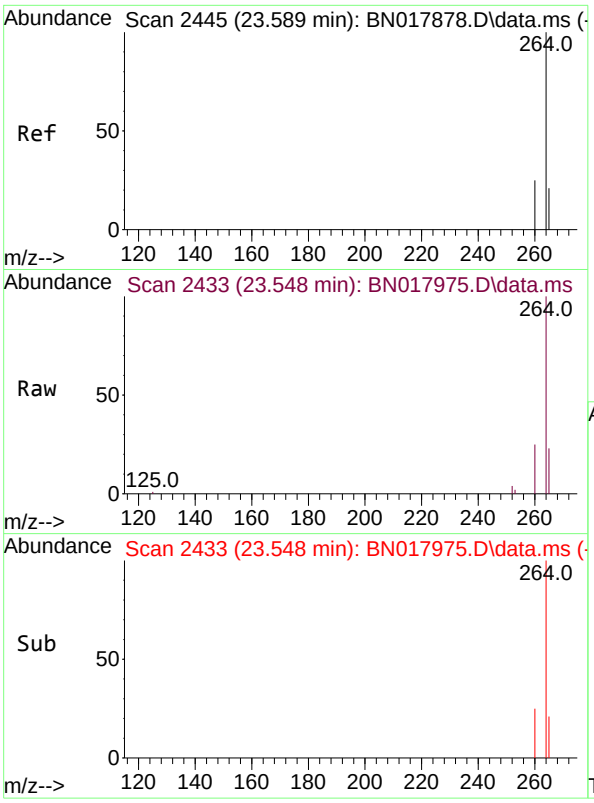


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.524 ng
RT: 21.197 min Scan# 1986
Delta R.T. -0.011 min
Lab File: BN017975.D
Acq: 13 Dec 2021 18:46

Tgt Ion:149 Resp: 79640

Ion	Ratio	Lower	Upper
149	100		
167	29.7	23.4	35.0
279	4.5	3.6	5.4



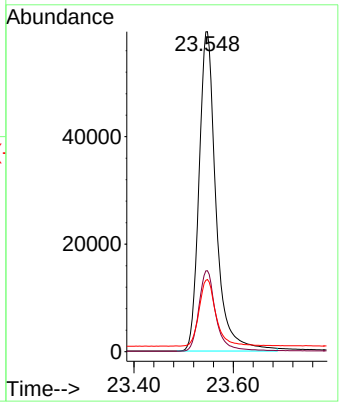


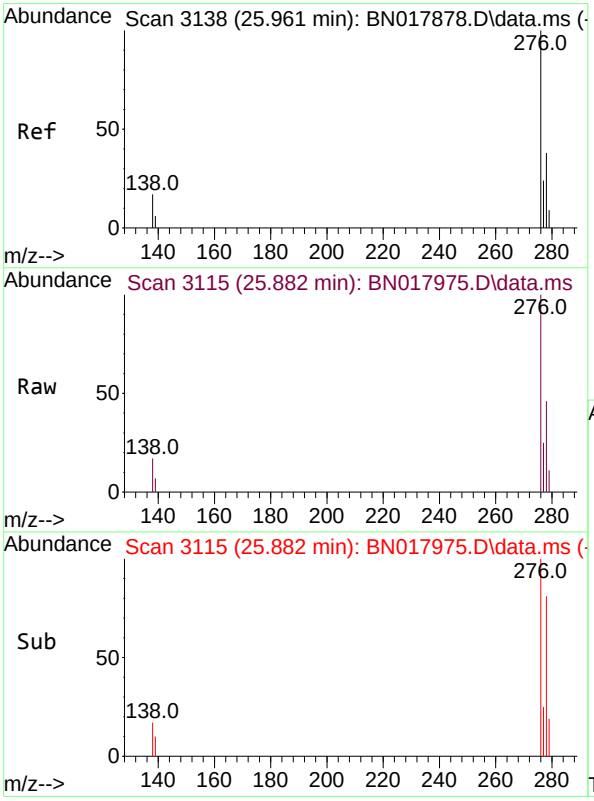
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.548 min Scan# 24
Delta R.T. -0.041 min
Lab File: BN017975.D
Acq: 13 Dec 2021 18:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 141261

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.2	30.4
265	22.6	18.2	27.4

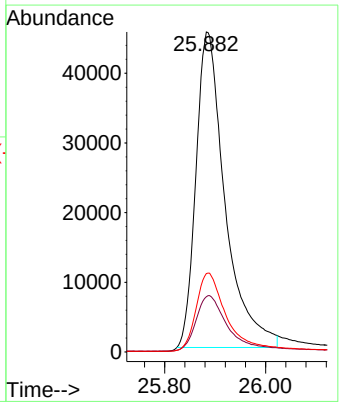


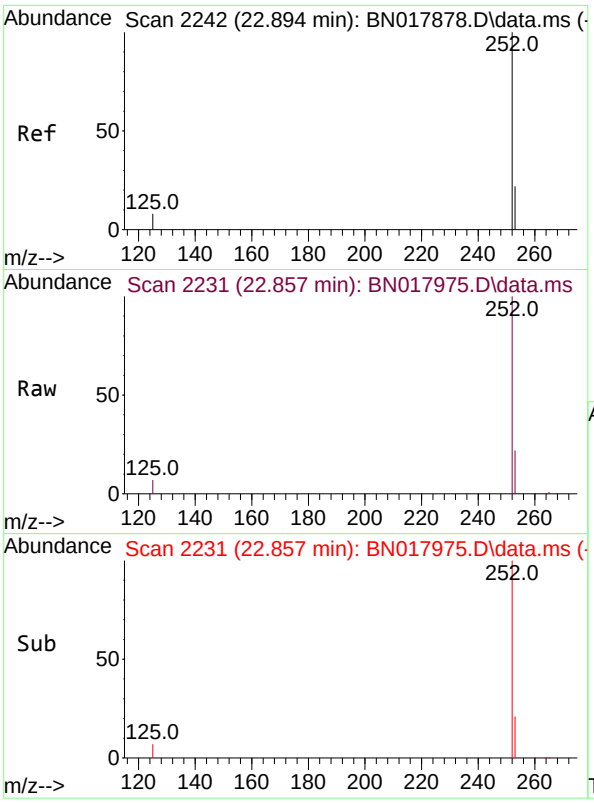


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.697 ng
RT: 25.882 min Scan# 3115
Delta R.T. -0.079 min
Lab File: BN017975.D
Acq: 13 Dec 2021 18:46

Tgt Ion:276 Resp: 181554

Ion	Ratio	Lower	Upper
276	100		
138	18.3	15.2	22.8
277	24.9	19.8	29.6



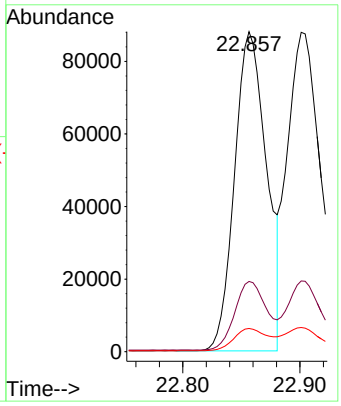


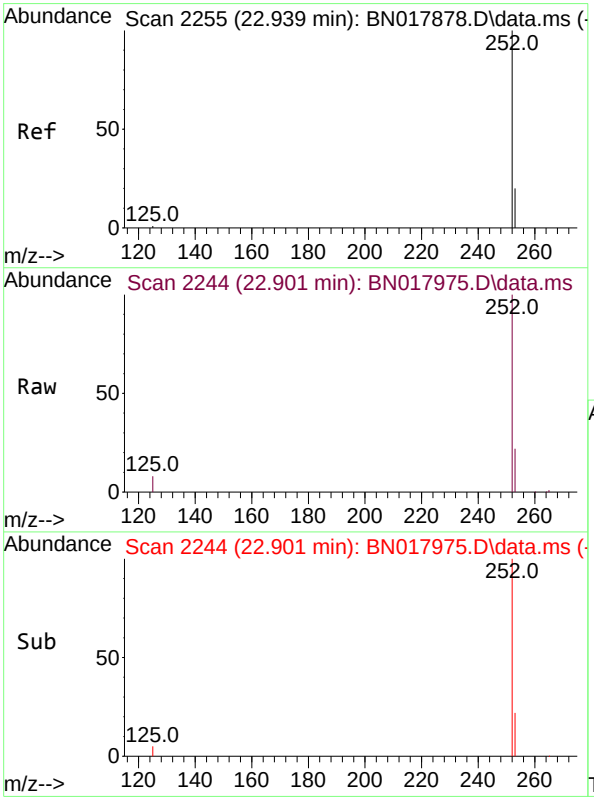
#37
Benzo(b)fluoranthene
Concen: 0.357 ng
RT: 22.857 min Scan# 2
Delta R.T. -0.037 min
Lab File: BN017975.D
Acq: 13 Dec 2021 18:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 166599

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	7.2	6.8	10.2

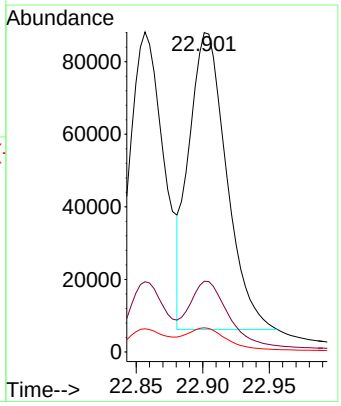


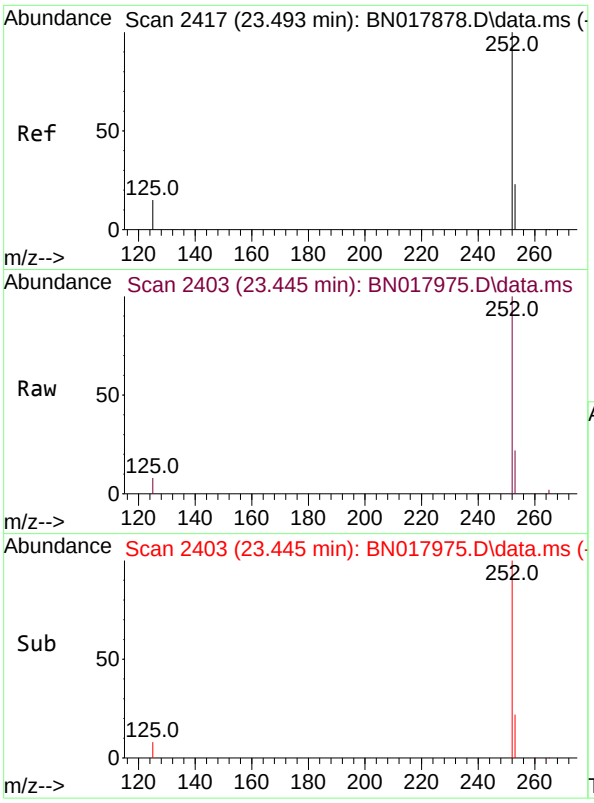


#38
Benzo(k)fluoranthene
Concen: 0.352 ng
RT: 22.901 min Scan# 2244
Delta R.T. -0.038 min
Lab File: BN017975.D
Acq: 13 Dec 2021 18:46

Tgt Ion:252 Resp: 160273

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	7.5	6.1	9.1



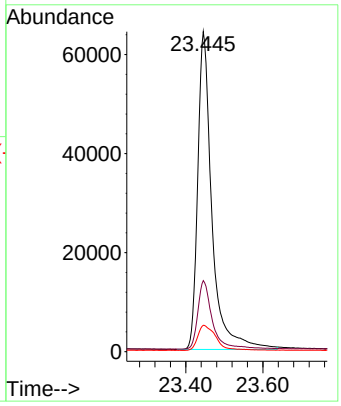


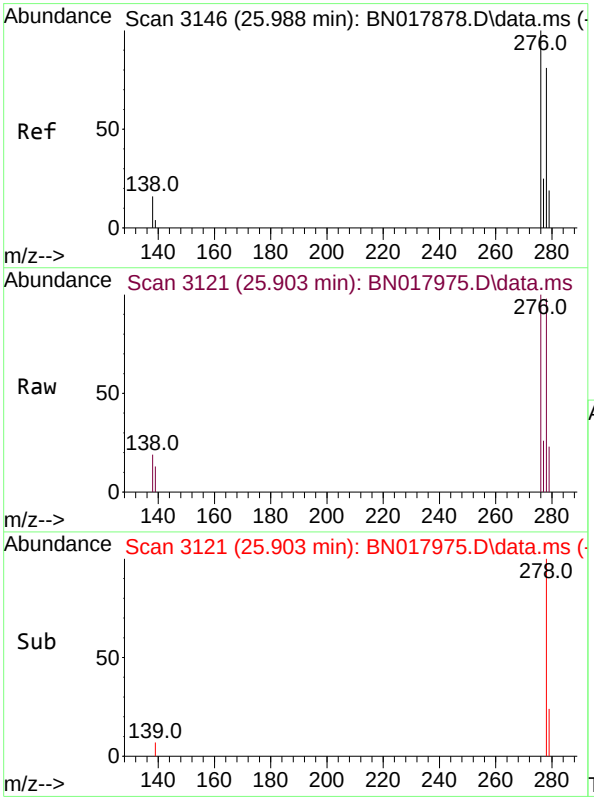
#39
Benzo(a)pyrene
Concen: 0.395 ng
RT: 23.445 min Scan# 24
Delta R.T. -0.048 min
Lab File: BN017975.D
Acq: 13 Dec 2021 18:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 164074

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.8	28.2
125	8.2	12.2	18.2#

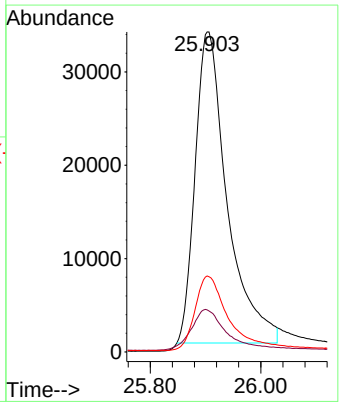


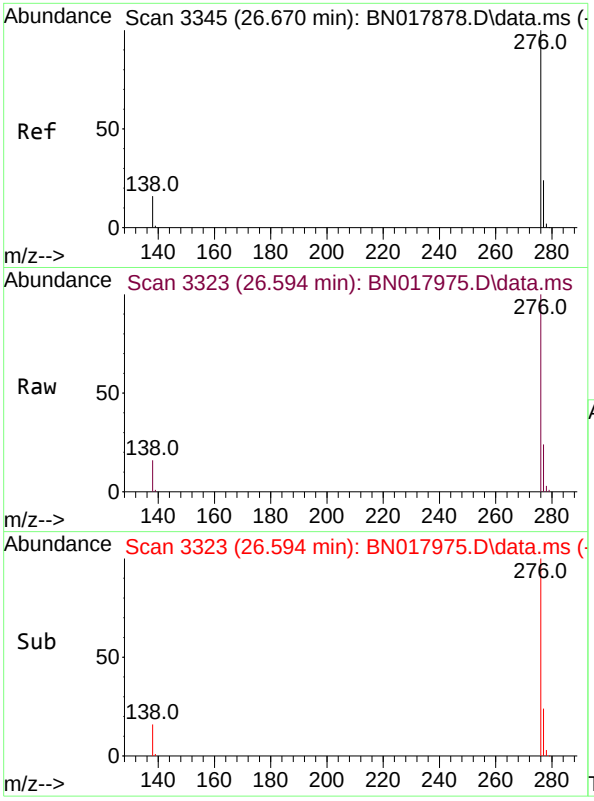


#40
Dibenzo(a,h)anthracene
Concen: 0.763 ng
RT: 25.903 min Scan# 3121
Delta R.T. -0.085 min
Lab File: BN017975.D
Acq: 13 Dec 2021 18:46

Tgt Ion:278 Resp: 134238

Ion	Ratio	Lower	Upper
278	100		
139	13.2	12.0	18.0
279	23.8	20.8	31.2





#41
Benzo(g,h,i)perylene
Concen: 0.765 ng
RT: 26.594 min Scan# 3
Delta R.T. -0.076 min
Lab File: BN017975.D
Acq: 13 Dec 2021 18:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 171739

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.6	29.4
138	16.0	13.8	20.8