Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121321\
Data File : BN017967.D
Acq On : 13 Dec 2021 12:00
Operator : CG/JU
Sample : M4923-21MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 14 03:40:31 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	7.715	152	25155	0.400	ng		0.00
7) Naphthalene-d8	10.494	136	107811	0.400	ng		0.00
13) Acenaphthene-d10	14.334	164	67055	0.400	ng		0.00
19) Phenanthrene-d10	17.080	188	140559	0.400	ng		#-0.01
29) Chrysene-d12	21.282	240	103382	0.400	ng		#-0.01
35) Perylene-d12	23.585	264	60174	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.336	112	1707514	32.926	ng		0.00
5) Phenol-d6	6.903	99	1199383	23.291	ng		0.00
8) Nitrobenzene-d5	8.859	82	3588109	50.971	ng		0.00
11) 2-Methylnaphthalene-d10	12.085	152	52031	0.274	ng		0.00
14) 2,4,6-Tribromophenol	15.832	330	2379660	65.372	ng		-0.01
15) 2-Fluorobiphenyl	12.964	172	7882263	33.405	ng		0.00
27) Fluoranthene-d10	19.124	212	162920	0.358	ng		0.00
31) Terphenyl-d14	19.735	244	8987168	35.258	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.279	88	58570	7.672	ng		92
3) n-Nitrosodimethylamine	3.602	42	3436	0.149	ng	#	86
6) bis(2-Chloroethyl)ether	7.143	93	24752	0.392	ng		100
9) Naphthalene	10.532	128	93077	0.347	ng		99
10) Hexachlorobutadiene	10.836	225	22927	0.300	ng	#	99
12) 2-Methylnaphthalene	12.156	142	64068	0.359	ng		99
16) Acenaphthylene	14.055	152	89692	0.358	ng		100
17) Acenaphthene	14.398	154	60502	0.348	ng		99
18) Fluorene	15.387	166	80973	0.382	ng		100
20) 4,6-Dinitro-2-methylph...	15.489	198	156	0.649	ng	#	70
21) 4-Bromophenyl-phenylether	16.277	248	33237	0.413	ng	#	90
22) Hexachlorobenzene	16.399	284	37527	0.357	ng		99
23) Atrazine	16.557	200	24322	0.443	ng		100
24) Pentachlorophenol	16.751	266	9351	1.466	ng		98
25) Phenanthrene	17.129	178	156403	0.436	ng		99
26) Anthracene	17.214	178	139648	0.466	ng		99
28) Fluoranthene	19.154	202	203422	0.460	ng		100
30) Pyrene	19.516	202	204646	0.505	ng		100
32) Benzo(a)anthracene	21.272	228	134631	0.456	ng		99
33) Chrysene	21.325	228	142603	0.420	ng		99
34) Bis(2-ethylhexyl)phtha...	21.208	149	70536	0.636	ng		100
36) Indeno(1,2,3-cd)pyrene	25.961	276	33792	0.355	ng		99
37) Benzo(b)fluoranthene	22.891	252	93021	0.468	ng		99
38) Benzo(k)fluoranthene	22.935	252	85658	0.442	ng		100
39) Benzo(a)pyrene	23.486	252	78933	0.447	ng	#	92
40) Dibenzo(a,h)anthracene	25.985	278	21326	0.348	ng		98
41) Benzo(g,h,i)perylene	26.676	276	36937	0.386	ng		99

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

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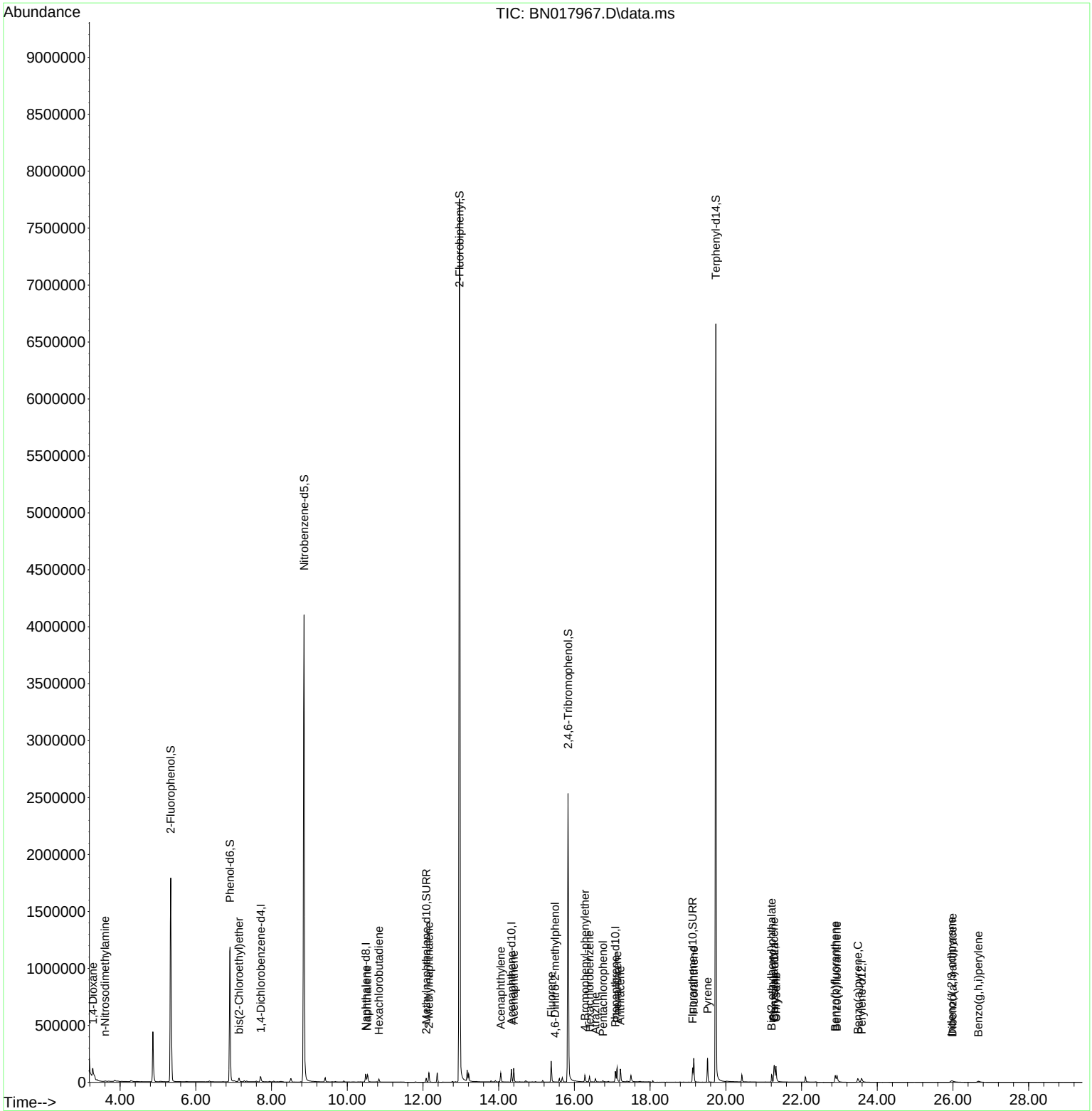
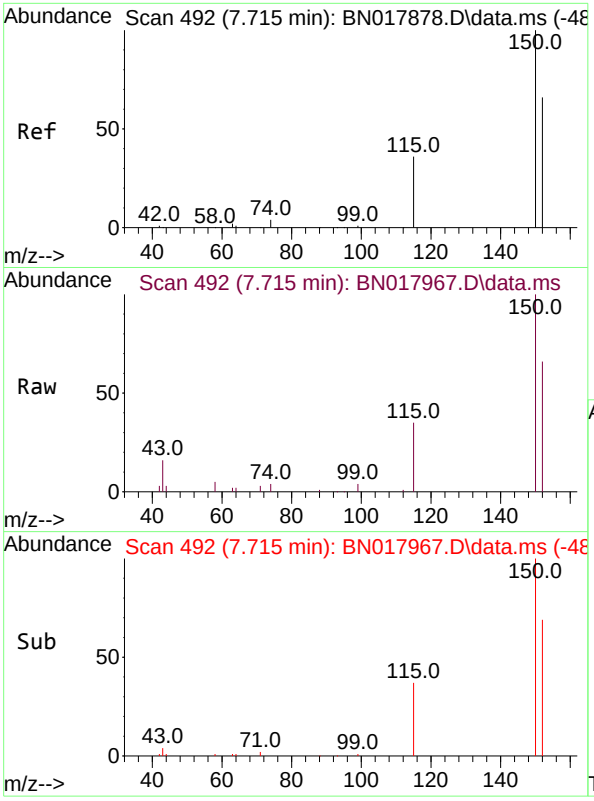
Sample : M4923-21MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 14 03:40:31 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



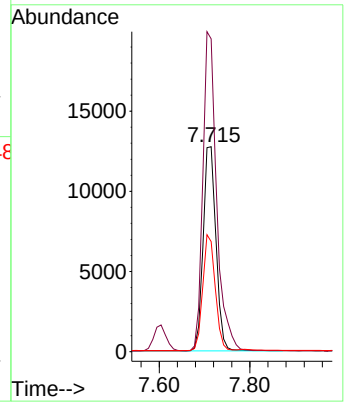


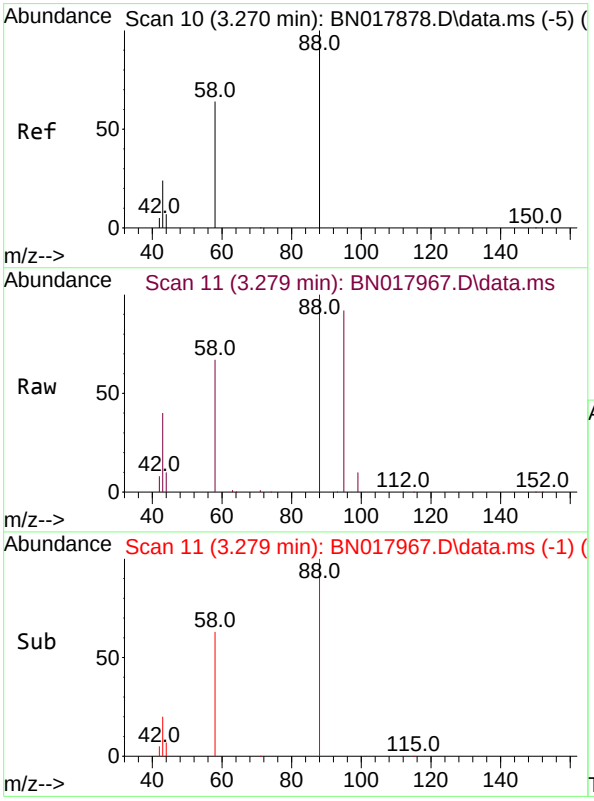
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN017967.D
Acq: 13 Dec 2021 12:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 25155

Ion	Ratio	Lower	Upper
152	100		
150	152.6	121.9	182.9
115	53.7	44.1	66.1

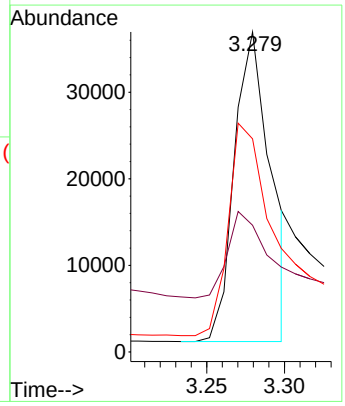


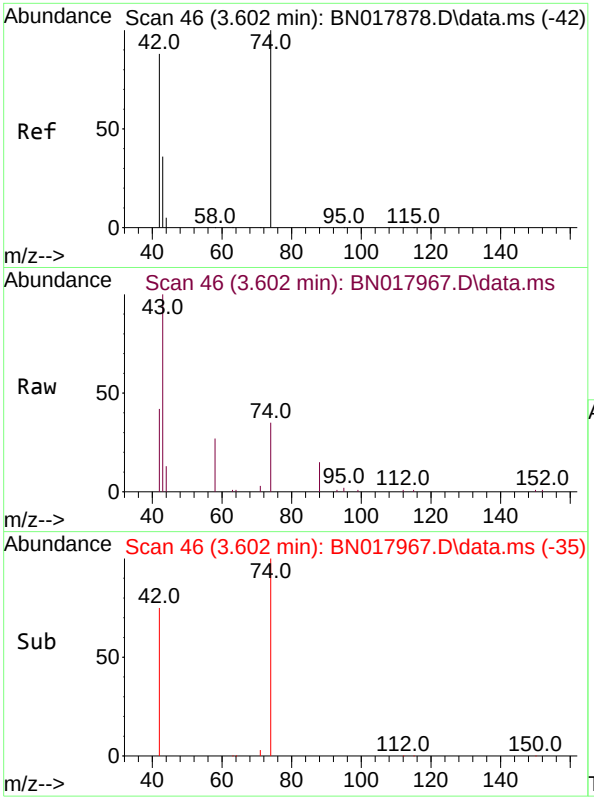


#2
1,4-Dioxane
Concen: 7.672 ng
RT: 3.279 min Scan# 11
Delta R.T. 0.009 min
Lab File: BN017967.D
Acq: 13 Dec 2021 12:00

Tgt Ion: 88 Resp: 58570

Ion	Ratio	Lower	Upper
88	100		
43	29.1	28.0	42.0
58	75.0	65.4	98.0



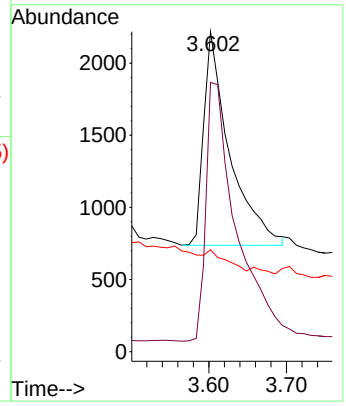


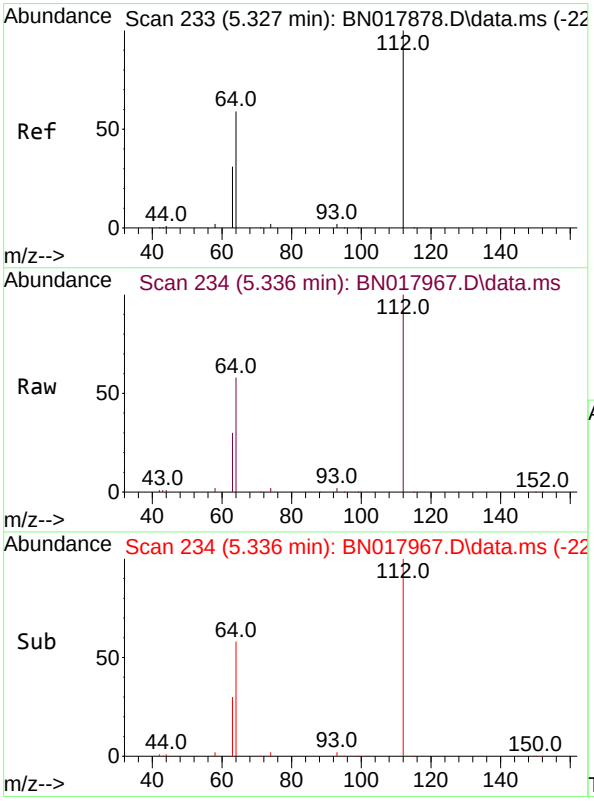
#3
n-Nitrosodimethylamine
Concen: 0.149 ng
RT: 3.602 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN017967.D
Acq: 13 Dec 2021 12:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 3436

Ion	Ratio	Lower	Upper
42	100		
74	141.7	100.6	150.8
44	0.0	5.2	7.8#

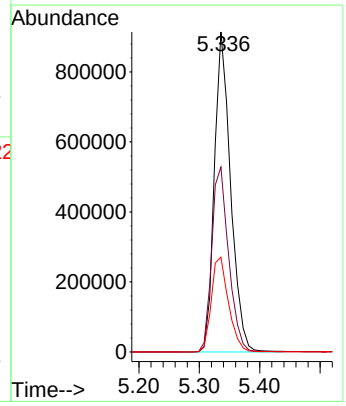


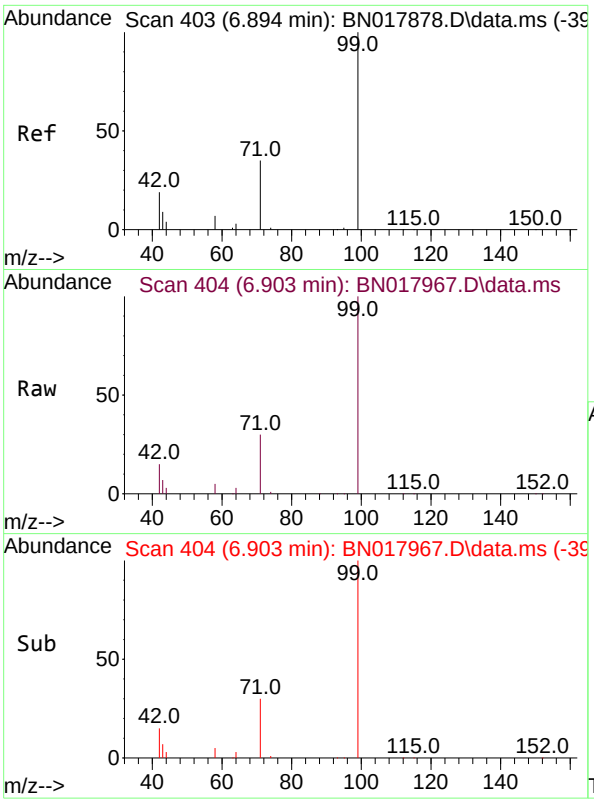


#4
2-Fluorophenol
Concen: 32.926 ng
RT: 5.336 min Scan# 234
Delta R.T. 0.009 min
Lab File: BN017967.D
Acq: 13 Dec 2021 12:00

Tgt Ion:112 Resp: 1707514

Ion	Ratio	Lower	Upper
112	100		
64	60.2	49.0	73.4
63	31.3	26.2	39.2



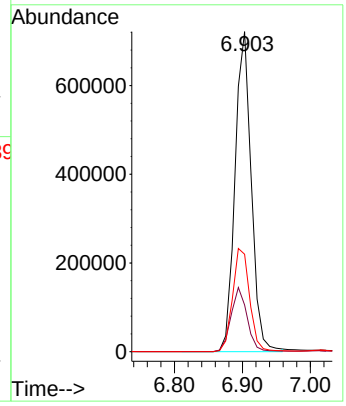


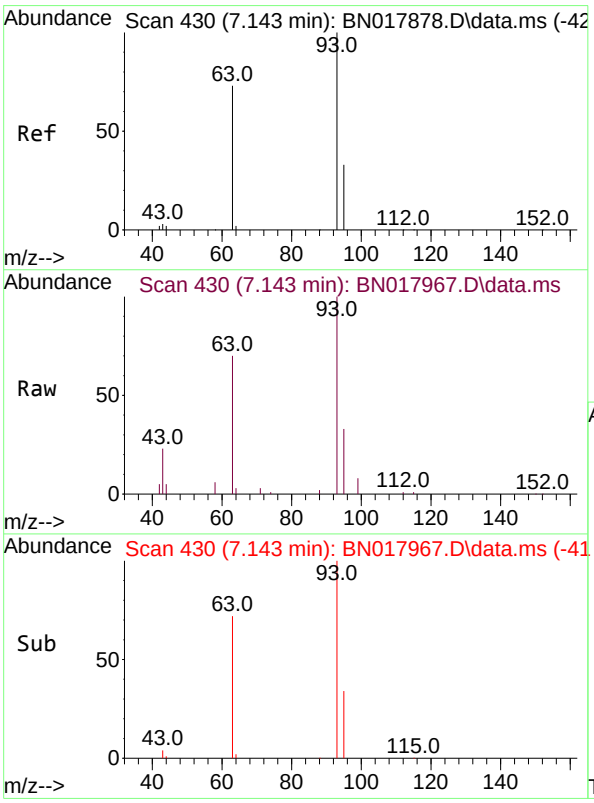
#5
Phenol-d6
Concen: 23.291 ng
RT: 6.903 min Scan# 4(
Delta R.T. 0.009 min
Lab File: BN017967.D
Acq: 13 Dec 2021 12:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 1199383

Ion	Ratio	Lower	Upper
99	100		
42	19.7	17.0	25.4
71	33.8	28.0	42.0

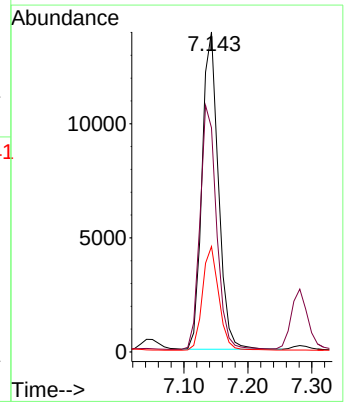


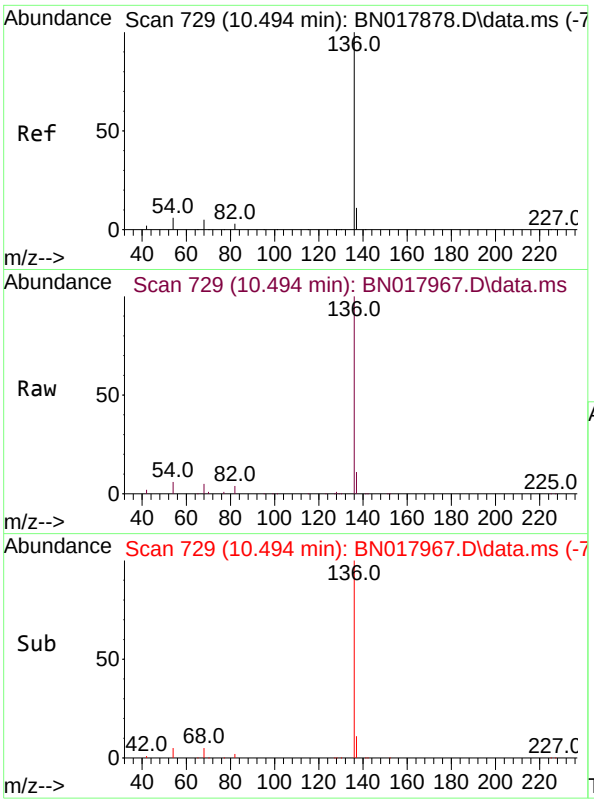


#6
bis(2-Chloroethyl)ether
Concen: 0.392 ng
RT: 7.143 min Scan# 430
Delta R.T. -0.000 min
Lab File: BN017967.D
Acq: 13 Dec 2021 12:00

Tgt Ion: 93 Resp: 24752

Ion	Ratio	Lower	Upper
93	100		
63	77.8	62.0	93.0
95	32.7	26.2	39.4



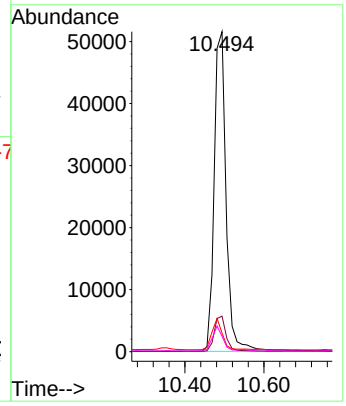


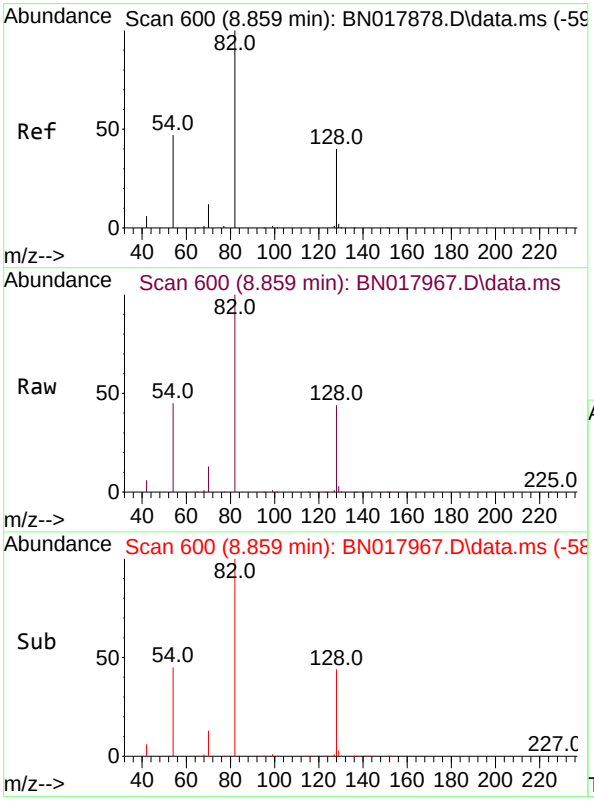
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN017967.D
Acq: 13 Dec 2021 12:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 107811

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	5.8	5.1	7.7
68	4.8	4.4	6.6

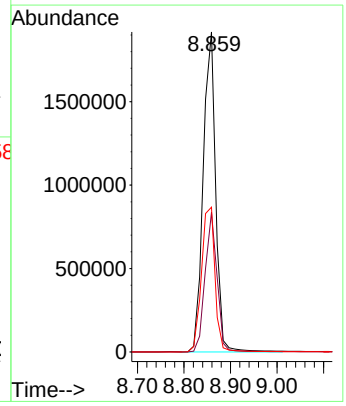


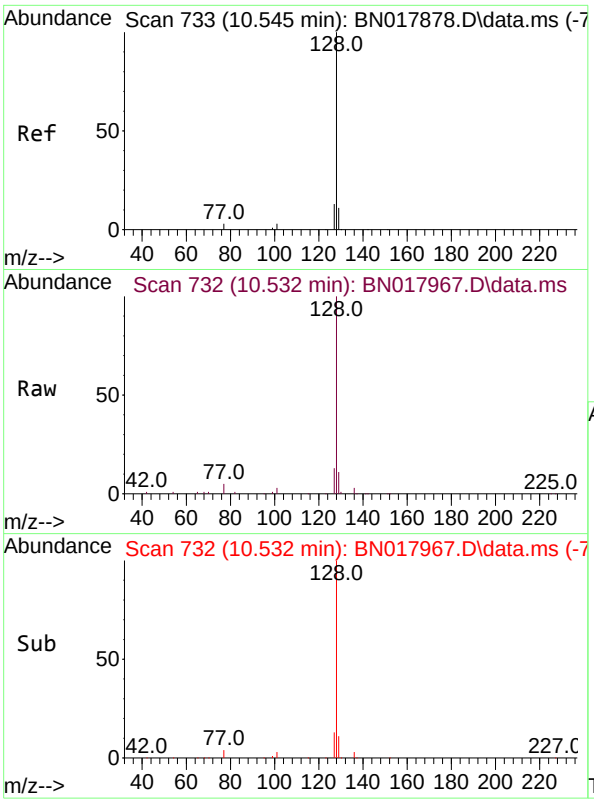


#8
Nitrobenzene-d5
Concen: 50.971 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017967.D
Acq: 13 Dec 2021 12:00

Tgt Ion: 82 Resp: 3588109

Ion	Ratio	Lower	Upper
82	100		
128	43.6	32.2	48.4
54	45.2	37.6	56.4



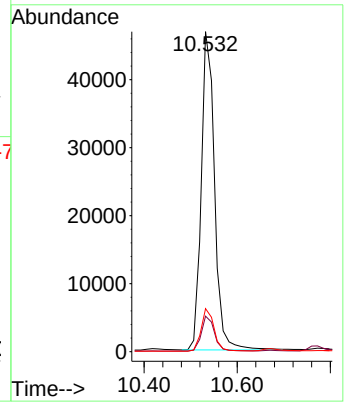


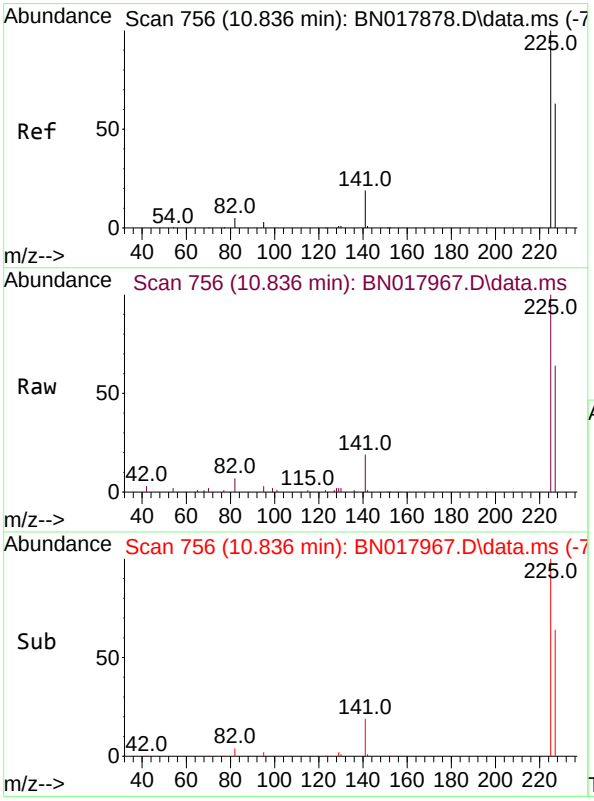
#9
Naphthalene
Concen: 0.347 ng
RT: 10.532 min Scan# 7
Delta R.T. -0.013 min
Lab File: BN017967.D
Acq: 13 Dec 2021 12:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 93077

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.5	10.5	15.7

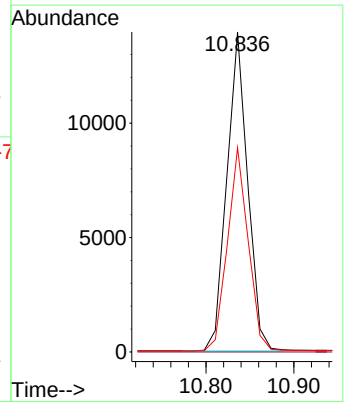


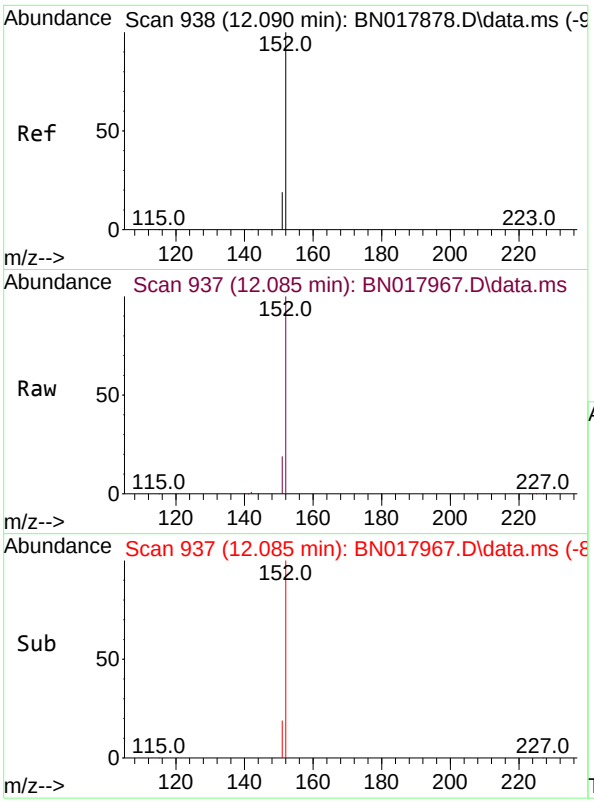


#10
Hexachlorobutadiene
Concen: 0.300 ng
RT: 10.836 min Scan# 756
Delta R.T. -0.000 min
Lab File: BN017967.D
Acq: 13 Dec 2021 12:00

Tgt Ion:225 Resp: 22927

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.4	51.1	76.7



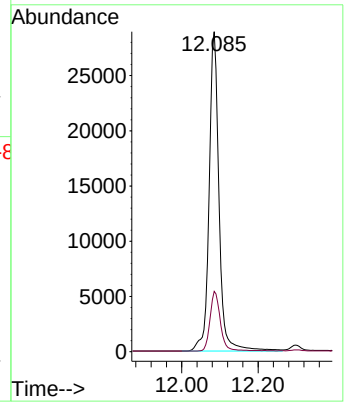


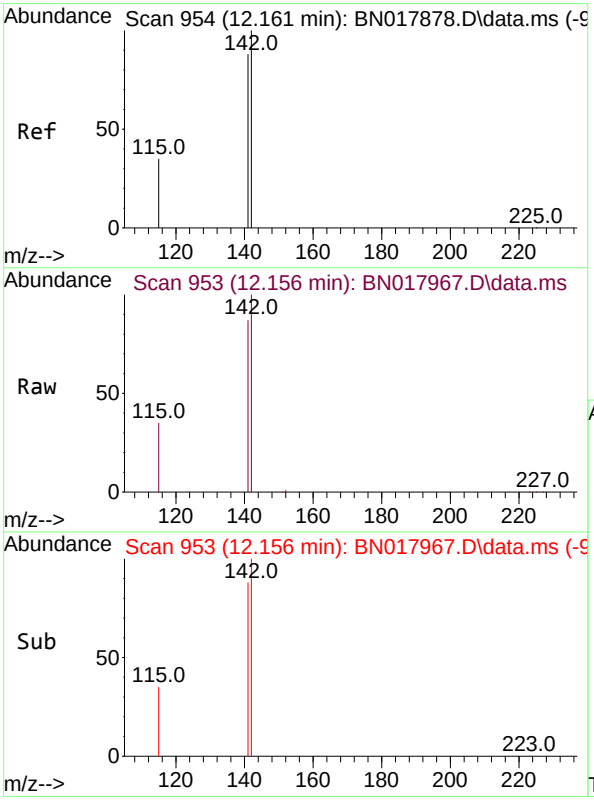
#11
2-Methylnaphthalene-d10
Concen: 0.274 ng
RT: 12.085 min Scan# 9
Delta R.T. -0.005 min
Lab File: BN017967.D
Acq: 13 Dec 2021 12:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 52031

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.4	24.6

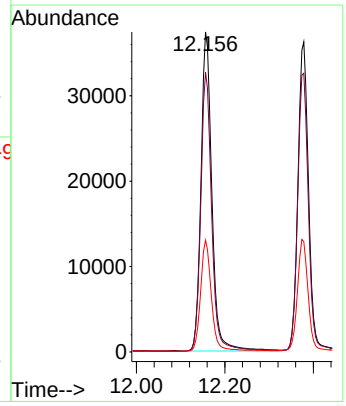


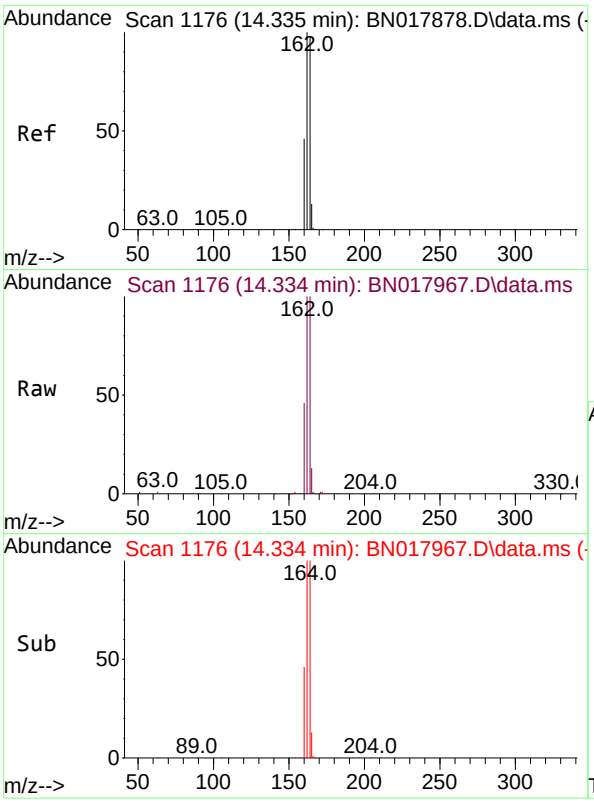


#12
2-Methylnaphthalene
Concen: 0.359 ng
RT: 12.156 min Scan# 953
Delta R.T. -0.005 min
Lab File: BN017967.D
Acq: 13 Dec 2021 12:00

Tgt Ion:142 Resp: 64068

Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.6	105.8
115	34.9	27.8	41.6



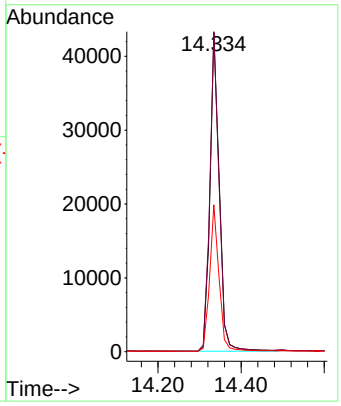


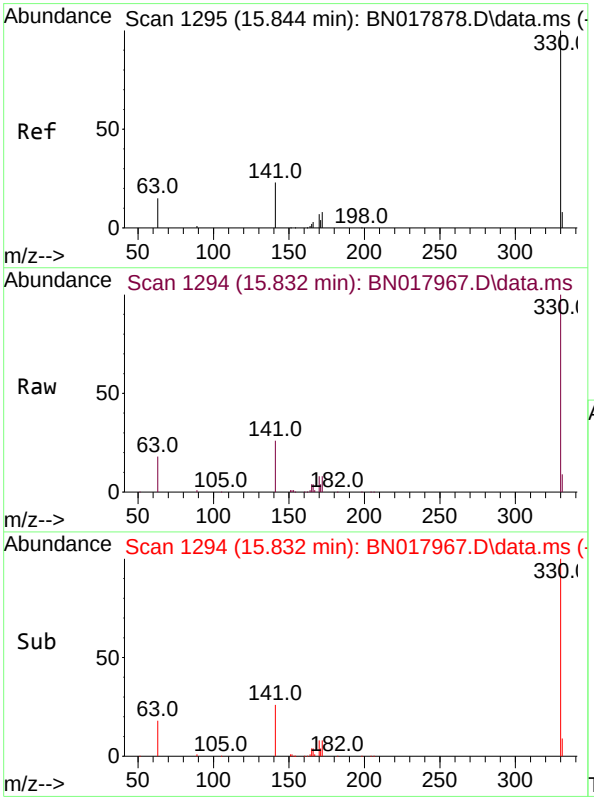
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017967.D
Acq: 13 Dec 2021 12:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 67055

Ion	Ratio	Lower	Upper
164	100		
162	100.3	82.1	123.1
160	46.1	38.2	57.2

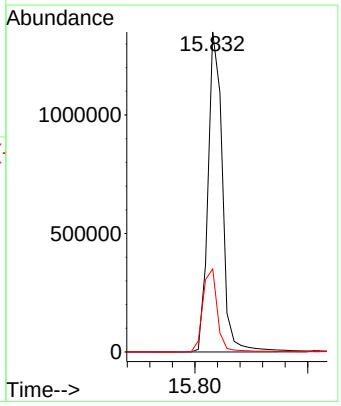


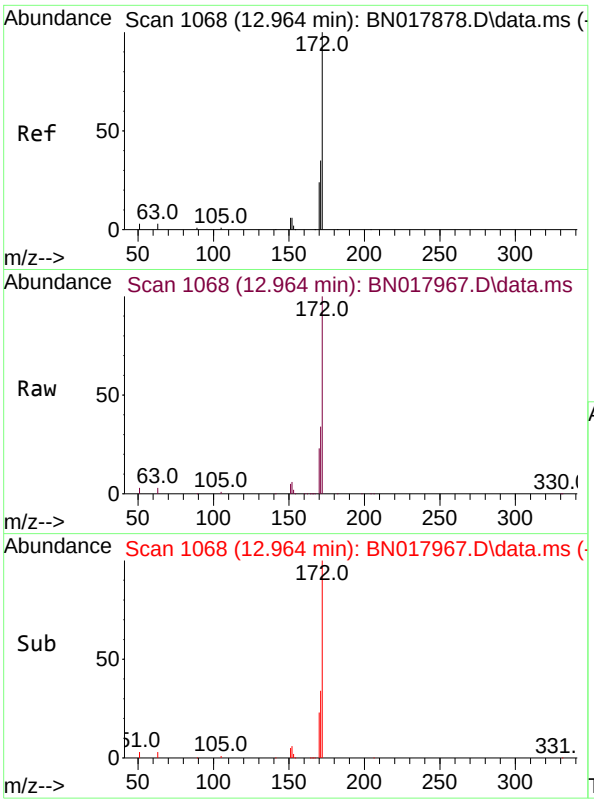


#14
2,4,6-Tribromophenol
Concen: 65.372 ng
RT: 15.832 min Scan# 1294
Delta R.T. -0.012 min
Lab File: BN017967.D
Acq: 13 Dec 2021 12:00

Tgt Ion:330 Resp: 2379660

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	26.5	19.7	29.5



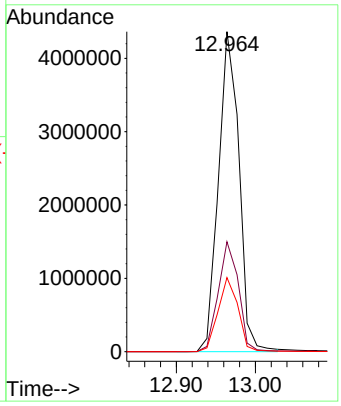


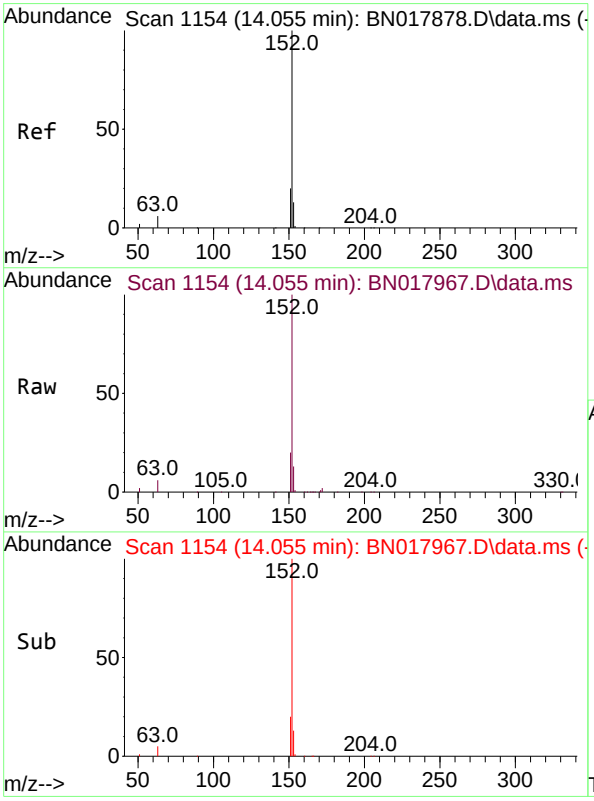
#15
2-Fluorobiphenyl
Concen: 33.405 ng
RT: 12.964 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN017967.D
Acq: 13 Dec 2021 12:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 7882263

Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.3	42.5
170	23.2	19.1	28.7

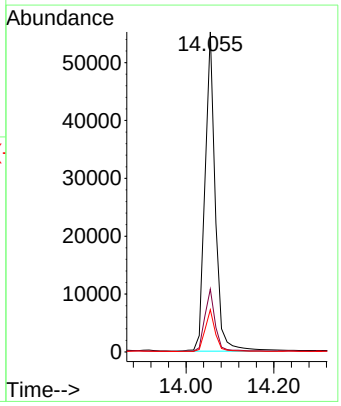


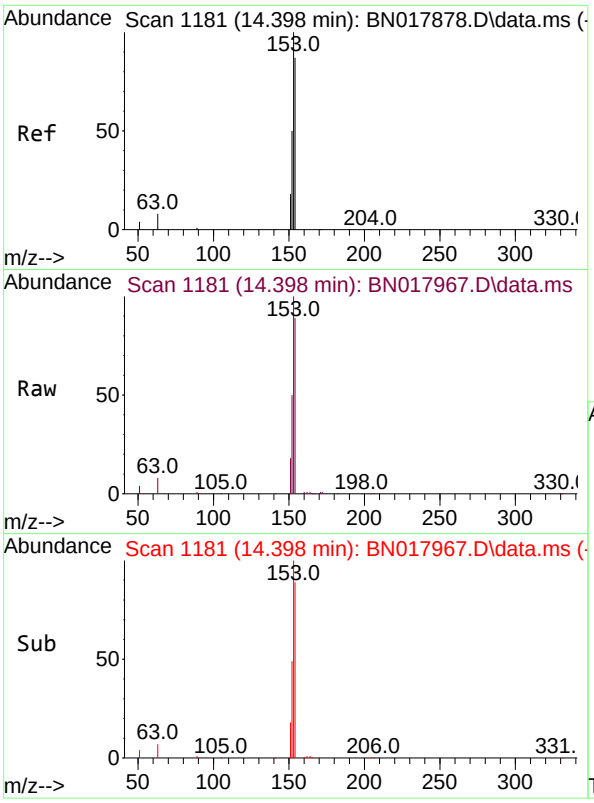


#16
Acenaphthylene
Concen: 0.358 ng
RT: 14.055 min Scan# 1154
Delta R.T. -0.000 min
Lab File: BN017967.D
Acq: 13 Dec 2021 12:00

Tgt Ion:152 Resp: 89692

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.6	23.4
153	13.1	10.5	15.7



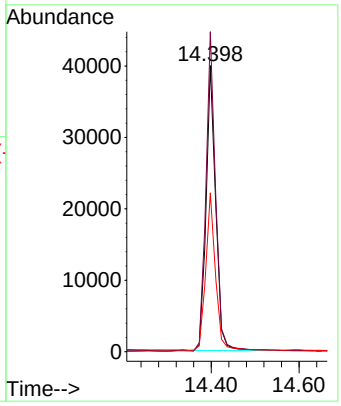


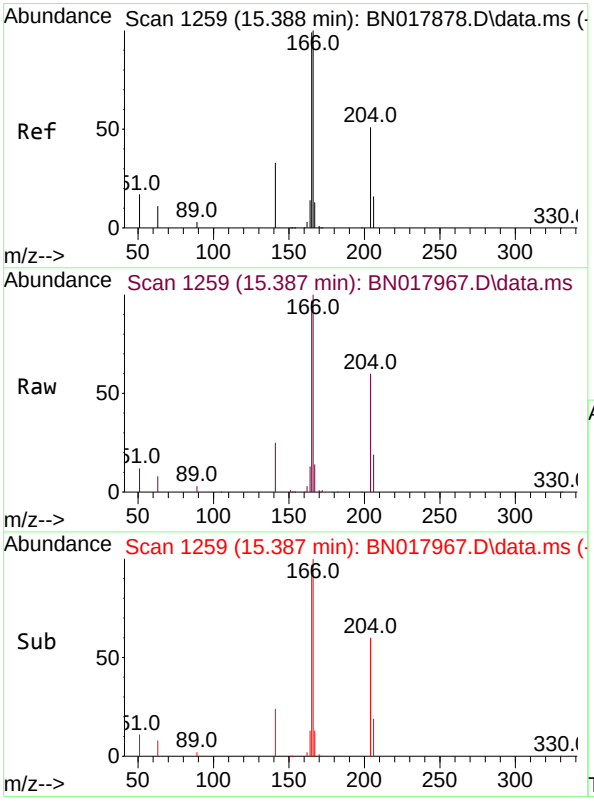
#17
Acenaphthene
Concen: 0.348 ng
RT: 14.398 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017967.D
Acq: 13 Dec 2021 12:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 60502

Ion	Ratio	Lower	Upper
154	100		
153	113.3	89.8	134.8
152	55.6	44.2	66.2

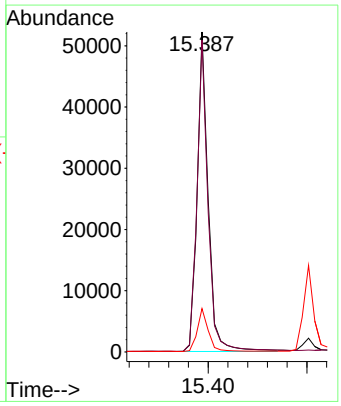


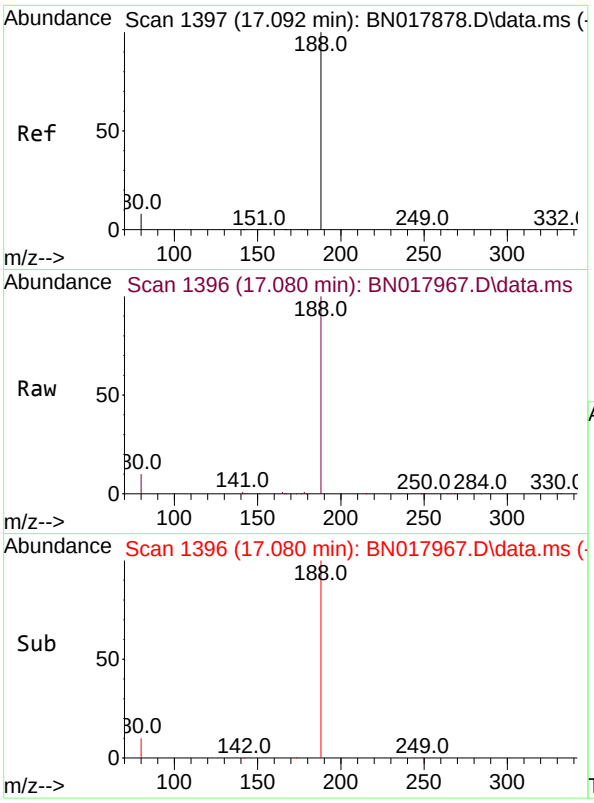


#18
Fluorene
Concen: 0.382 ng
RT: 15.387 min Scan# 1259
Delta R.T. -0.000 min
Lab File: BN017967.D
Acq: 13 Dec 2021 12:00

Tgt Ion:166 Resp: 80973

Ion	Ratio	Lower	Upper
166	100		
165	97.3	77.5	116.3
167	13.5	10.8	16.2



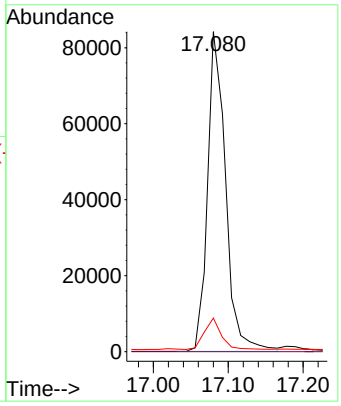


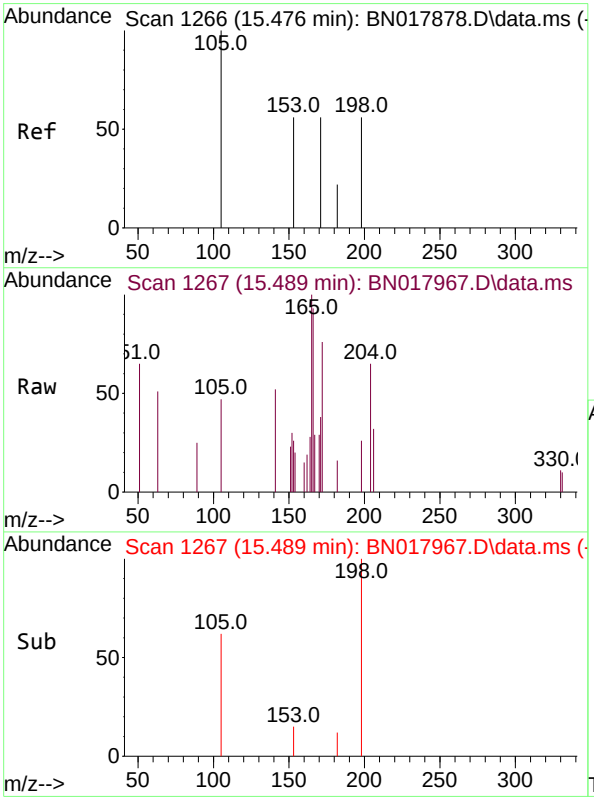
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.080 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN017967.D
Acq: 13 Dec 2021 12:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 140559

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.5	6.2	9.2#

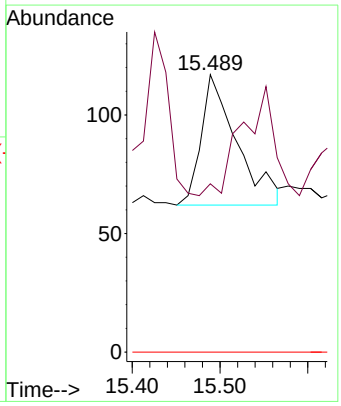


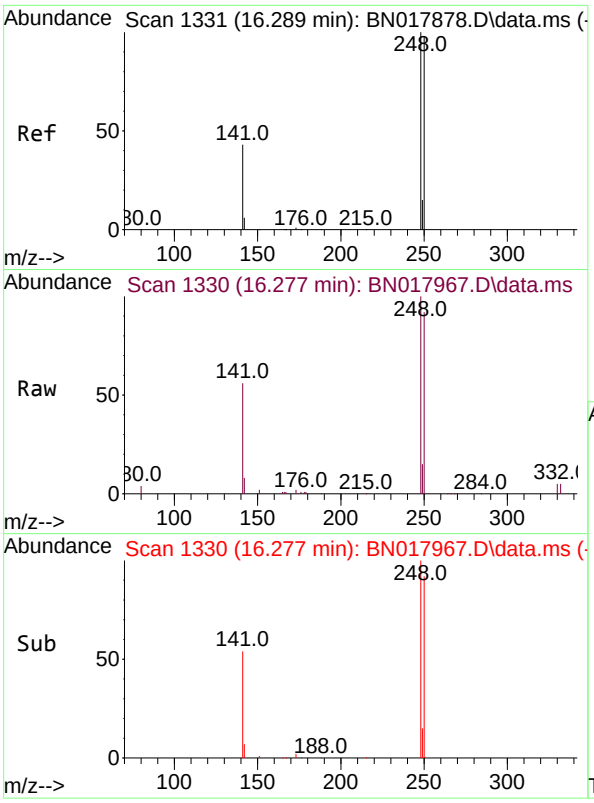


#20
4,6-Dinitro-2-methylphenol
Concen: 0.649 ng
RT: 15.489 min Scan# 1267
Delta R.T. 0.013 min
Lab File: BN017967.D
Acq: 13 Dec 2021 12:00

Tgt Ion:198 Resp: 156

Ion	Ratio	Lower	Upper
198	100		
182	60.7	70.8	106.2#
77	0.0	0.0	0.0



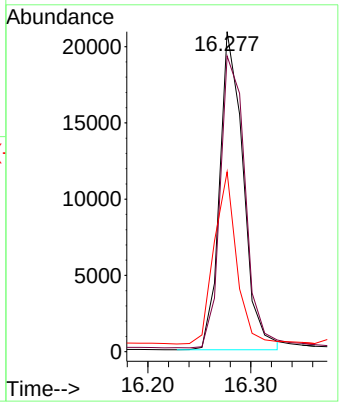


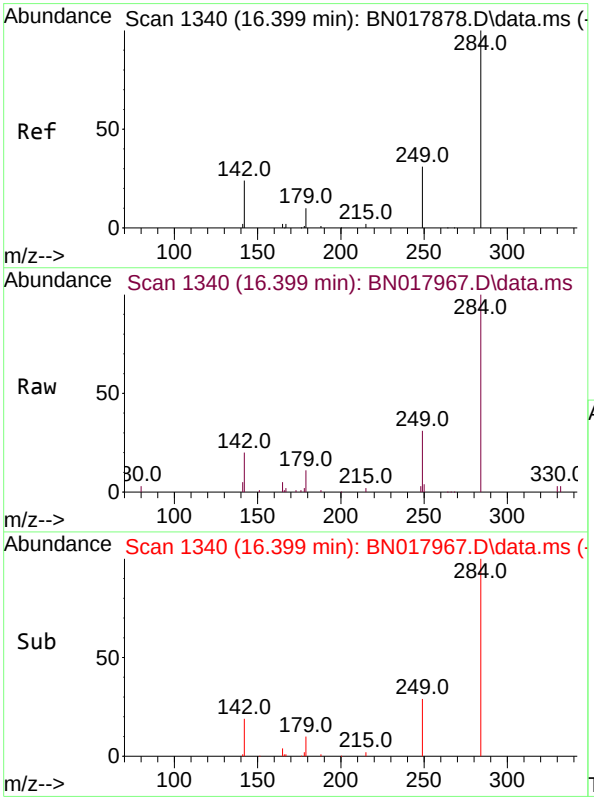
#21
4-Bromophenyl-phenylether
Concen: 0.413 ng
RT: 16.277 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN017967.D
Acq: 13 Dec 2021 12:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 33237

Ion	Ratio	Lower	Upper
248	100		
250	92.4	78.6	117.8
141	56.2	34.6	51.8#

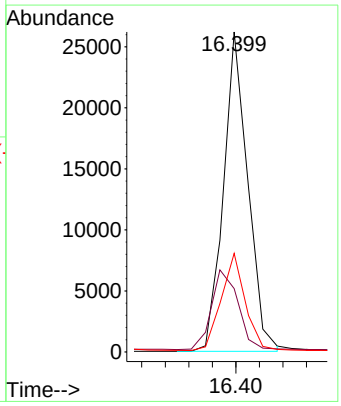


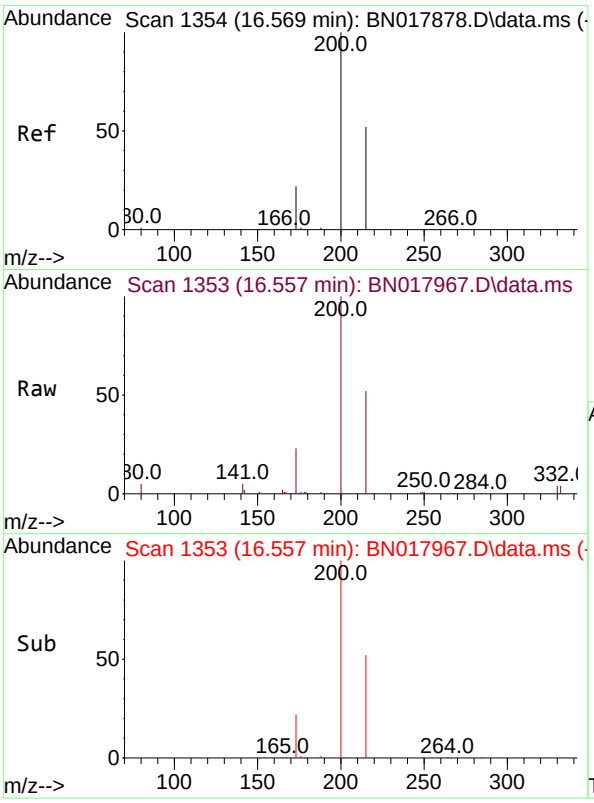


#22
Hexachlorobenzene
Concen: 0.357 ng
RT: 16.399 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BN017967.D
Acq: 13 Dec 2021 12:00

Tgt Ion:284 Resp: 37527

Ion	Ratio	Lower	Upper
284	100		
142	27.1	21.2	31.8
249	29.8	23.2	34.8



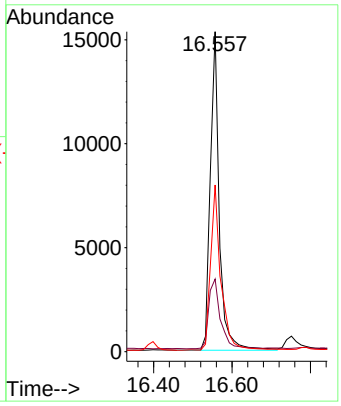


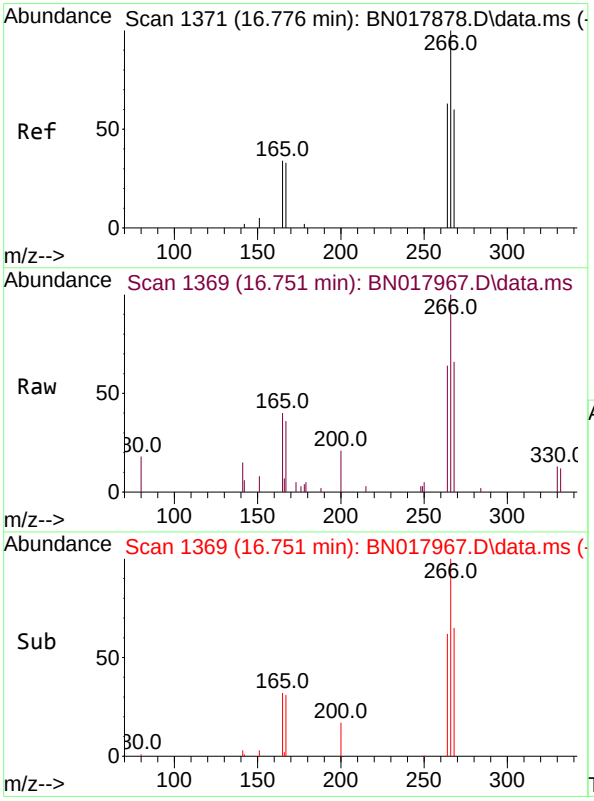
#23
Atrazine
Concen: 0.443 ng
RT: 16.557 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN017967.D
Acq: 13 Dec 2021 12:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 24322

Ion	Ratio	Lower	Upper
200	100		
173	22.7	18.2	27.2
215	52.1	41.8	62.8

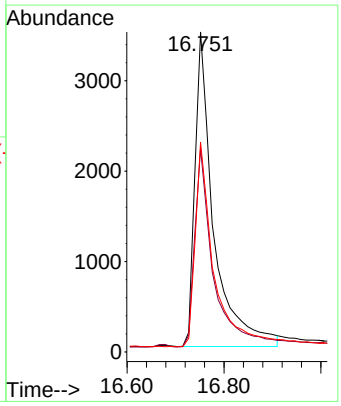


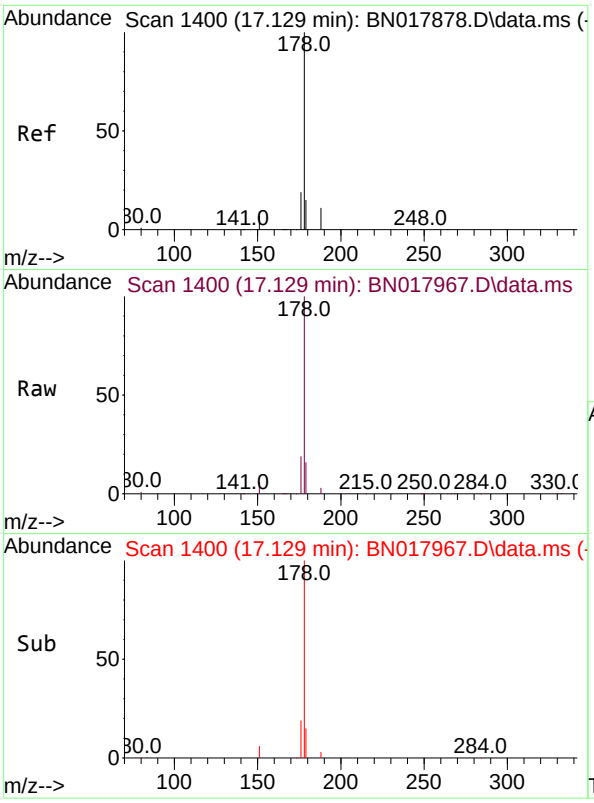


#24
Pentachlorophenol
Concen: 1.466 ng
RT: 16.751 min Scan# 1369
Delta R.T. -0.025 min
Lab File: BN017967.D
Acq: 13 Dec 2021 12:00

Tgt Ion:266 Resp: 9351

Ion	Ratio	Lower	Upper
266	100		
264	63.0	50.6	76.0
268	64.6	53.7	80.5



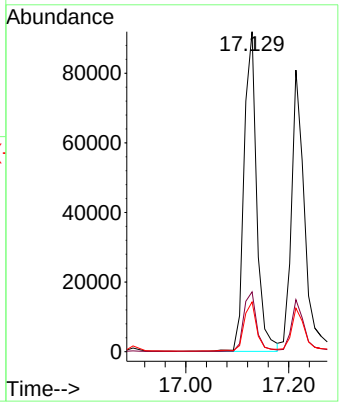


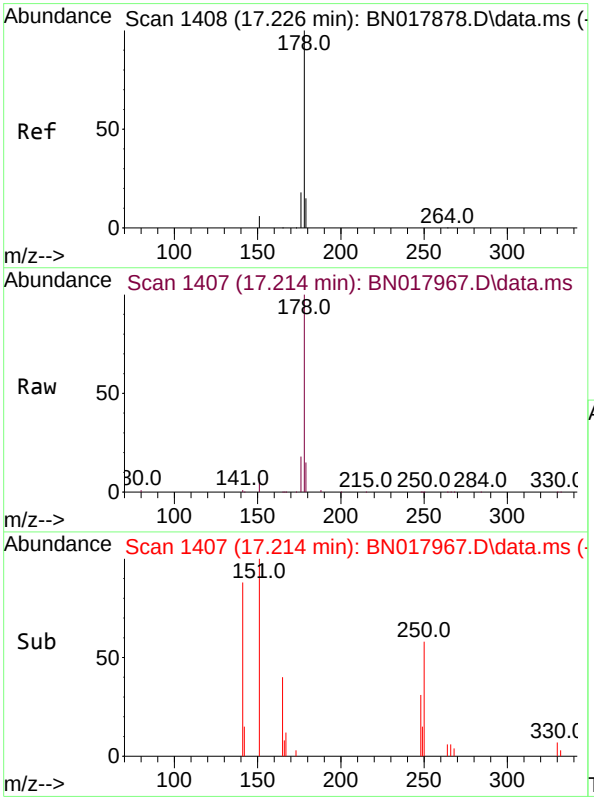
#25
Phenanthrene
Concen: 0.436 ng
RT: 17.129 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN017967.D
Acq: 13 Dec 2021 12:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 156403

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.6
179	15.8	12.4	18.6

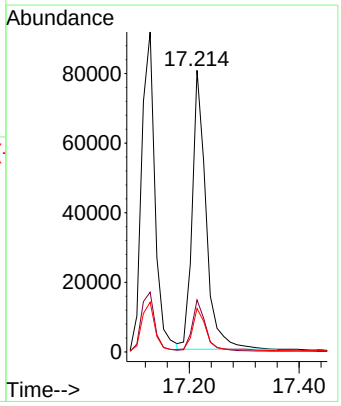


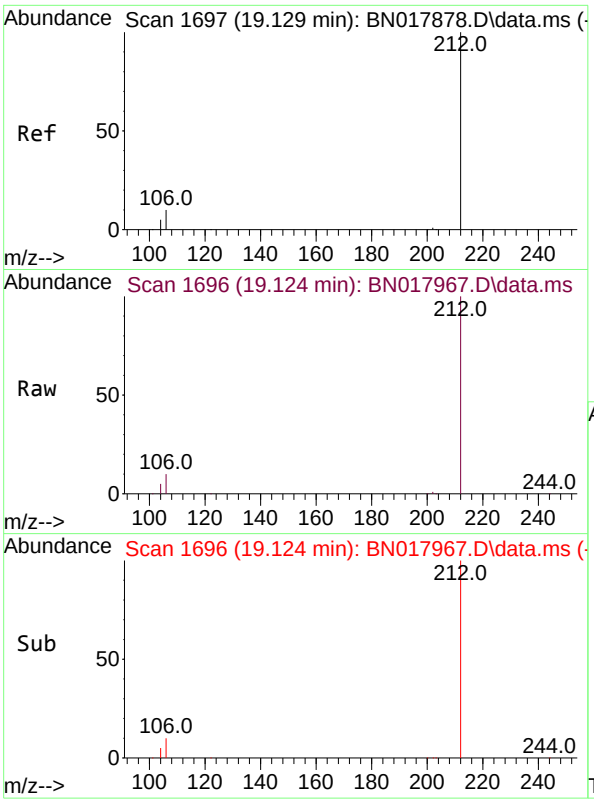


#26
Anthracene
Concen: 0.466 ng
RT: 17.214 min Scan# 1407
Delta R.T. -0.012 min
Lab File: BN017967.D
Acq: 13 Dec 2021 12:00

Tgt Ion:178 Resp: 139648

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.3	21.5
179	15.6	12.2	18.4



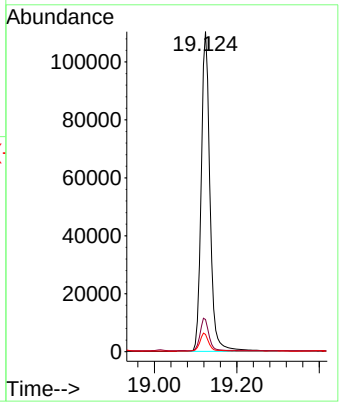


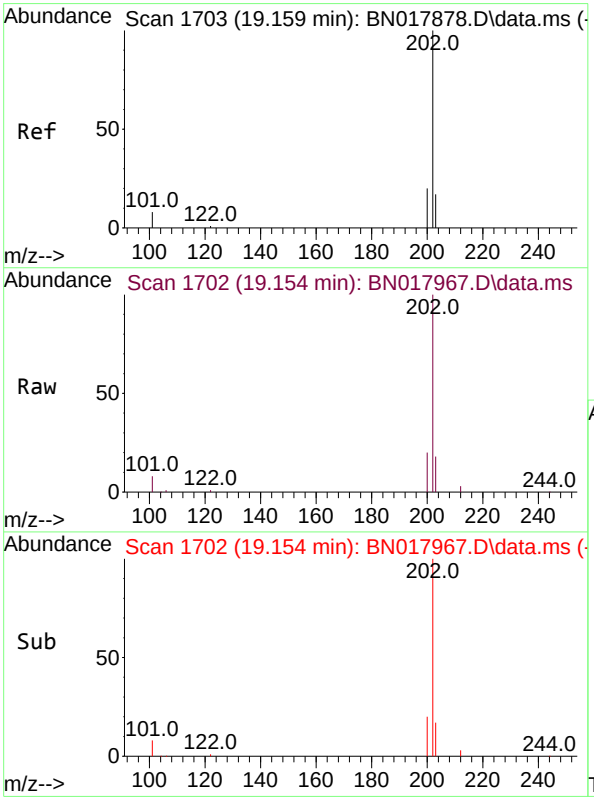
#27
Fluoranthene-d10
Concen: 0.358 ng
RT: 19.124 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN017967.D
Acq: 13 Dec 2021 12:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 162920

Ion	Ratio	Lower	Upper
212	100		
106	10.1	8.3	12.5
104	5.9	4.6	6.8

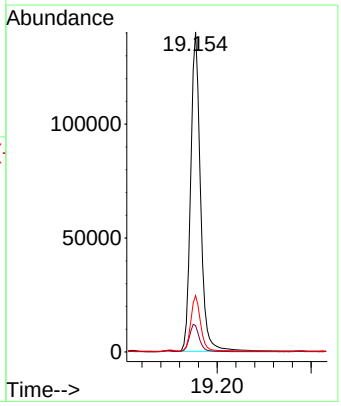


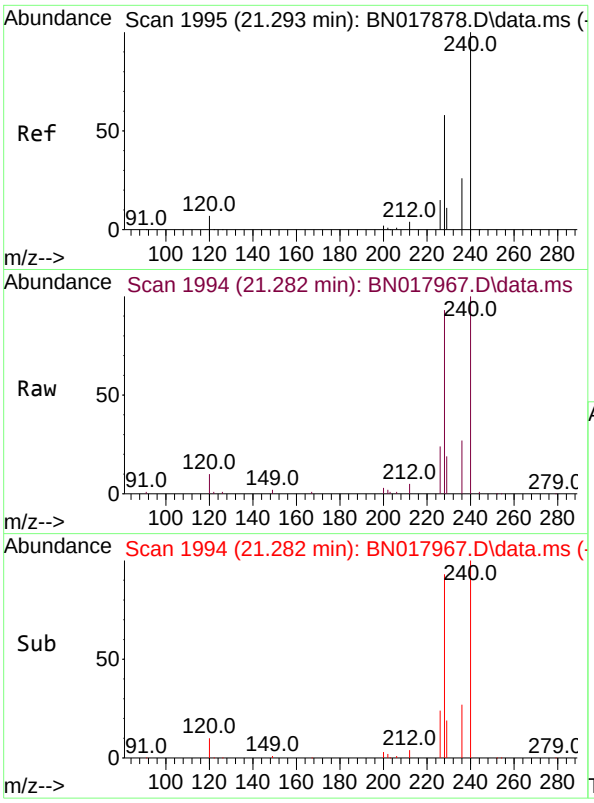


#28
Fluoranthene
Concen: 0.460 ng
RT: 19.154 min Scan# 1702
Delta R.T. -0.005 min
Lab File: BN017967.D
Acq: 13 Dec 2021 12:00

Tgt Ion:202 Resp: 203422

Ion	Ratio	Lower	Upper
202	100		
101	8.8	7.3	10.9
203	17.2	13.7	20.5



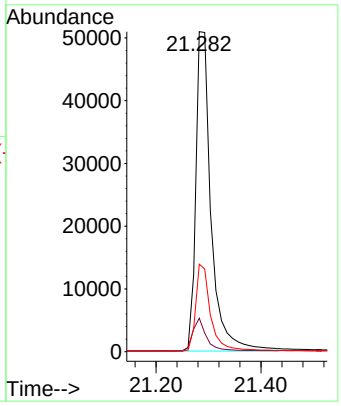


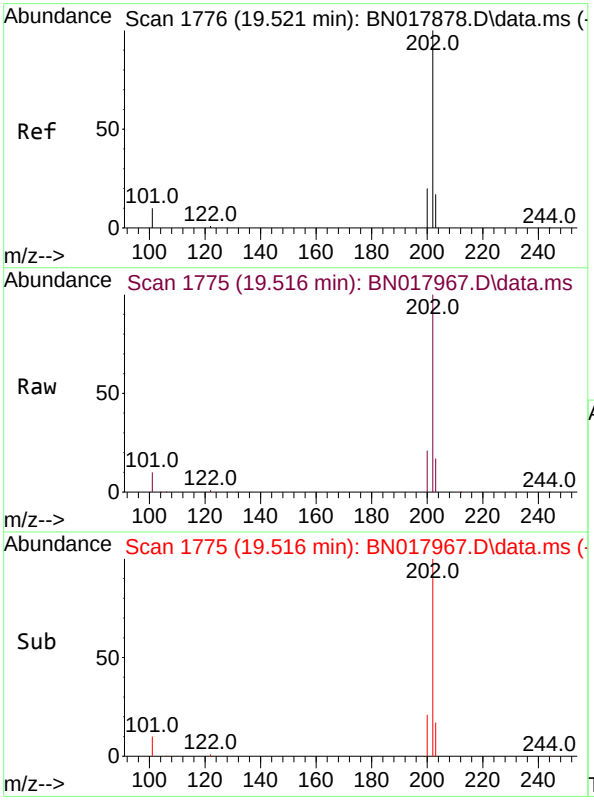
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.282 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN017967.D
Acq: 13 Dec 2021 12:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 103382

Ion	Ratio	Lower	Upper
240	100		
120	10.5	5.8	8.8#
236	27.4	21.0	31.6

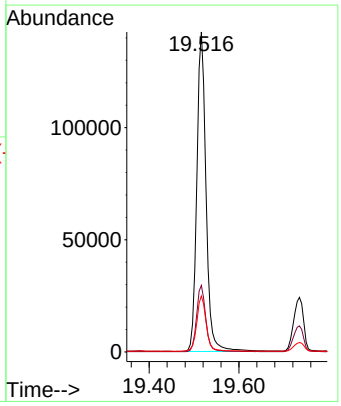


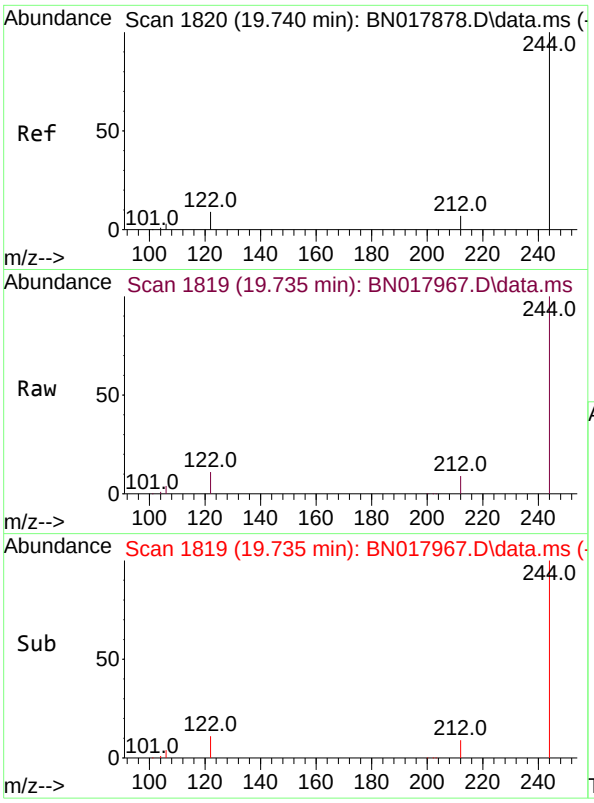


#30
Pyrene
Concen: 0.505 ng
RT: 19.516 min Scan# 1775
Delta R.T. -0.005 min
Lab File: BN017967.D
Acq: 13 Dec 2021 12:00

Tgt Ion:202 Resp: 204646

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.5	24.7
203	17.6	14.0	21.0



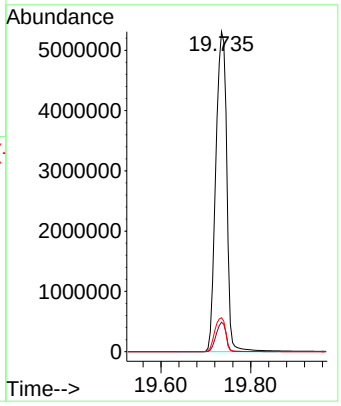


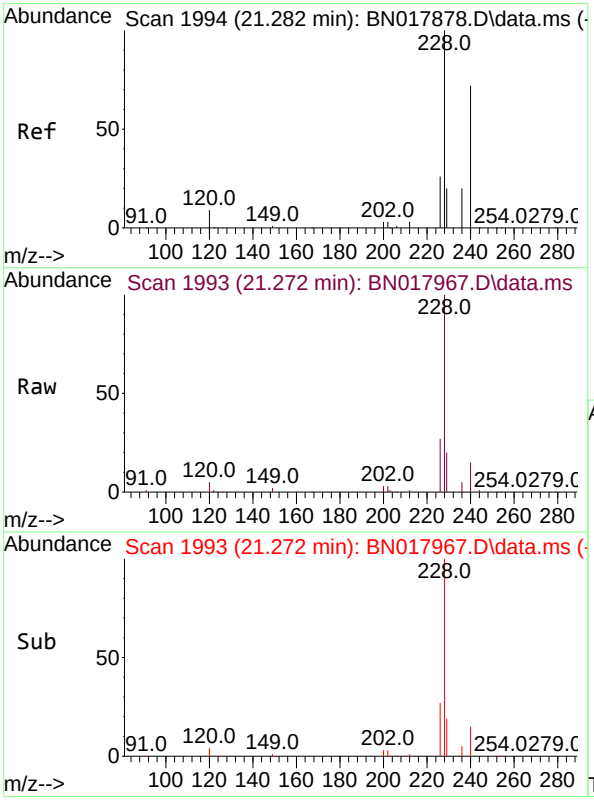
#31
Terphenyl-d14
Concen: 35.258 ng
RT: 19.735 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN017967.D
Acq: 13 Dec 2021 12:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 8987168

Ion	Ratio	Lower	Upper
244	100		
212	9.2	6.2	9.2
122	10.6	7.5	11.3

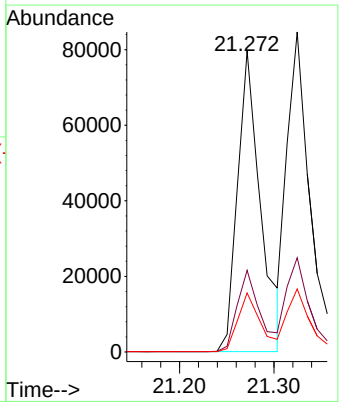


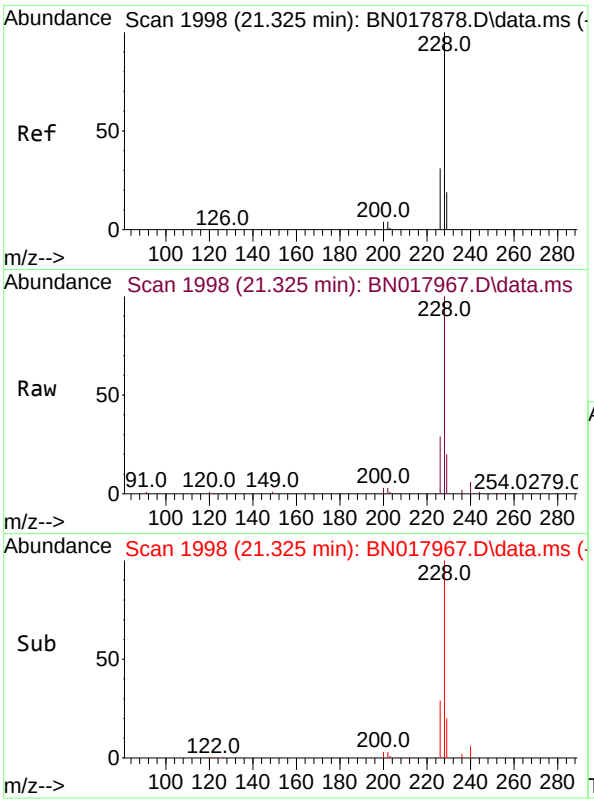


#32
Benzo(a)anthracene
Concen: 0.456 ng
RT: 21.272 min Scan# 1993
Delta R.T. -0.010 min
Lab File: BN017967.D
Acq: 13 Dec 2021 12:00

Tgt Ion:228 Resp: 134631

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



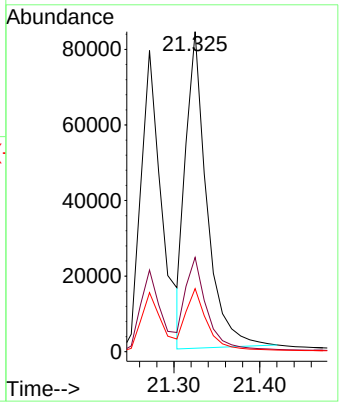


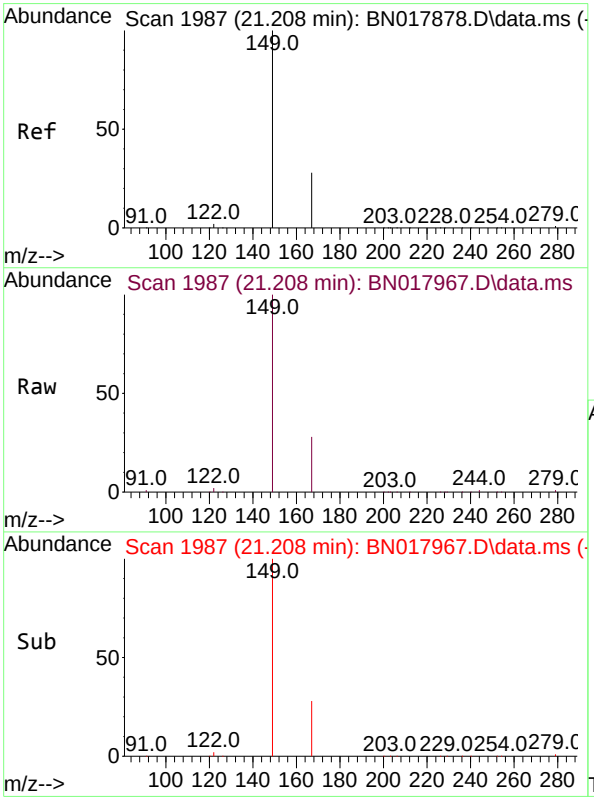
#33
Chrysene
Concen: 0.420 ng
RT: 21.325 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017967.D
Acq: 13 Dec 2021 12:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 142603

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.8	35.8
229	19.7	15.6	23.4

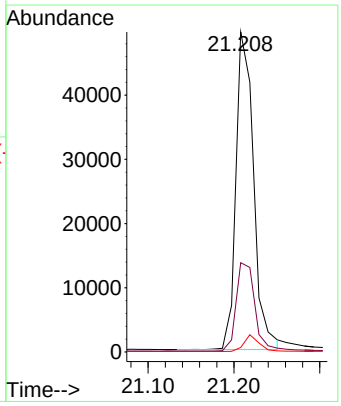


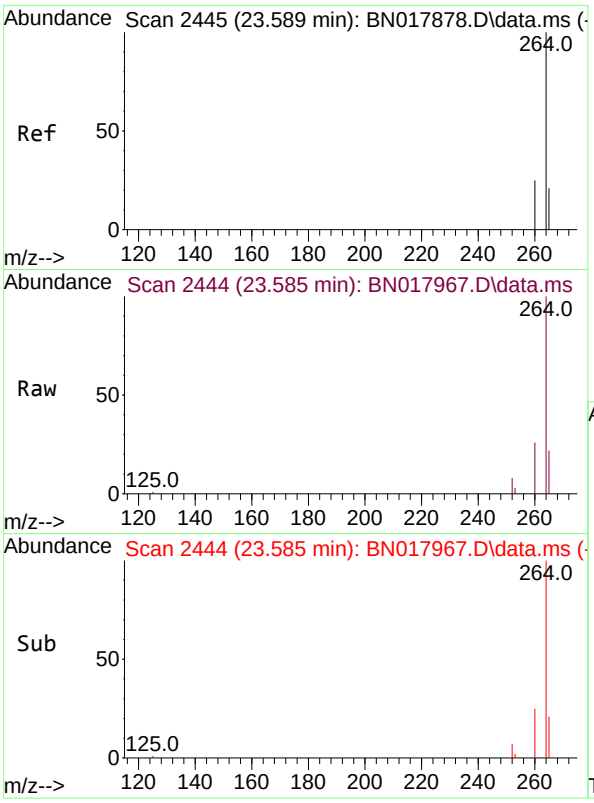


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.636 ng
RT: 21.208 min Scan# 1987
Delta R.T. -0.000 min
Lab File: BN017967.D
Acq: 13 Dec 2021 12:00

Tgt Ion:149 Resp: 70536

Ion	Ratio	Lower	Upper
149	100		
167	29.4	23.4	35.0
279	4.5	3.6	5.4



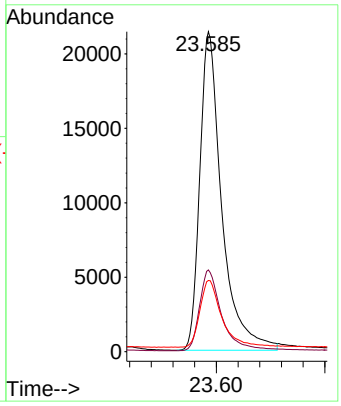


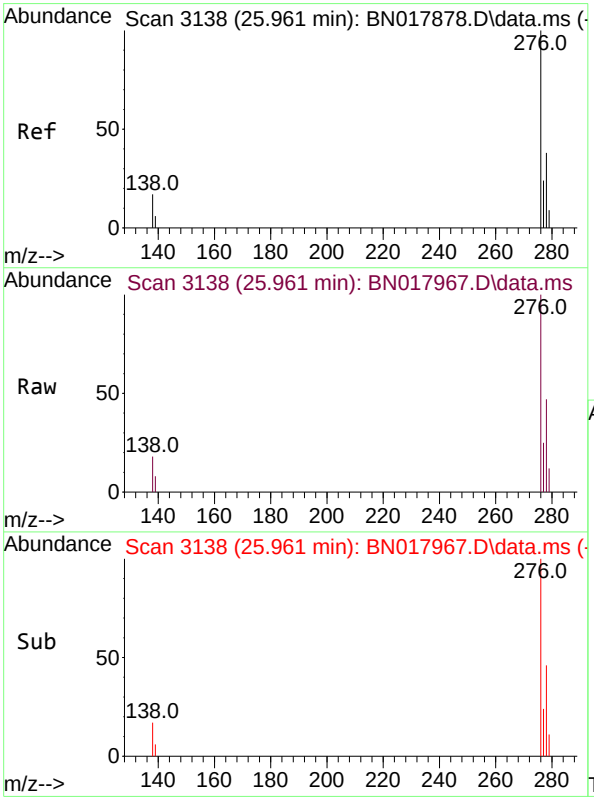
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.585 min Scan# 24
Delta R.T. -0.004 min
Lab File: BN017967.D
Acq: 13 Dec 2021 12:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 60174

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.2	30.4
265	22.3	18.2	27.4

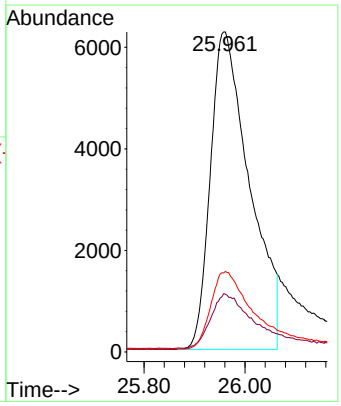


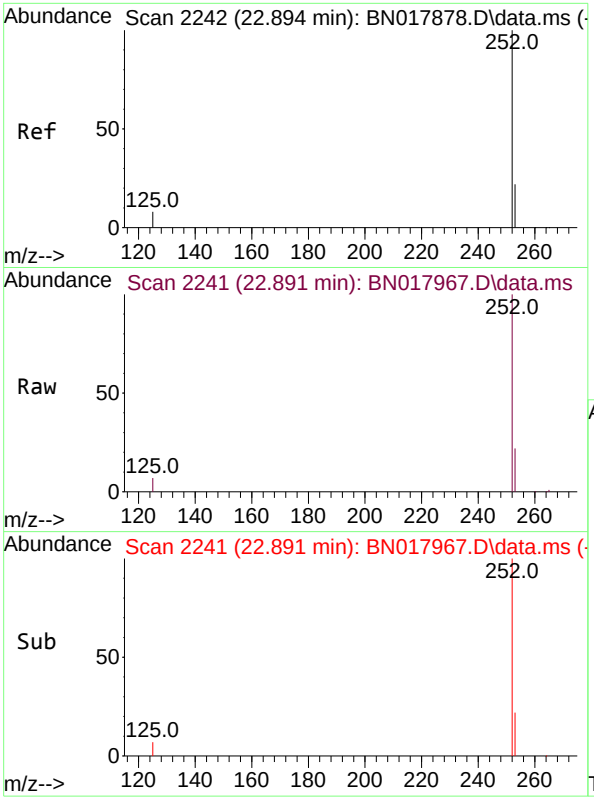


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.355 ng
RT: 25.961 min Scan# 3138
Delta R.T. -0.000 min
Lab File: BN017967.D
Acq: 13 Dec 2021 12:00

Tgt Ion:276 Resp: 33792

Ion	Ratio	Lower	Upper
276	100		
138	17.7	15.2	22.8
277	24.7	19.8	29.6



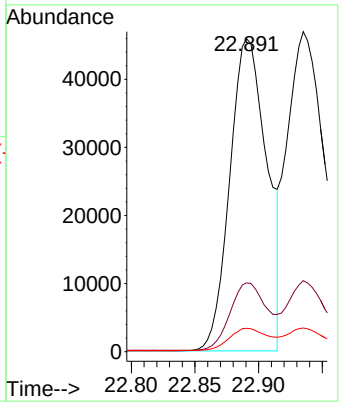


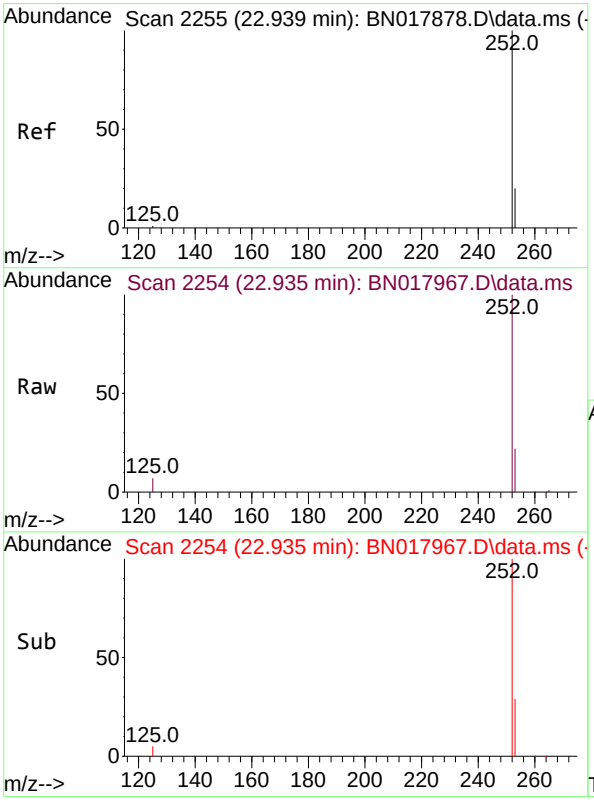
#37
Benzo(b)fluoranthene
Concen: 0.468 ng
RT: 22.891 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN017967.D
Acq: 13 Dec 2021 12:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 93021

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	7.5	6.8	10.2

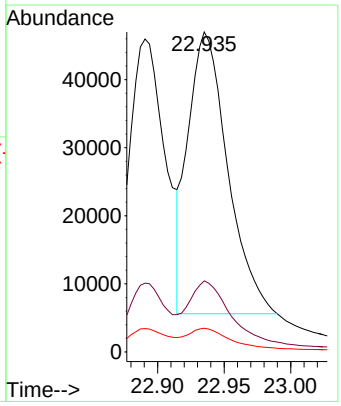


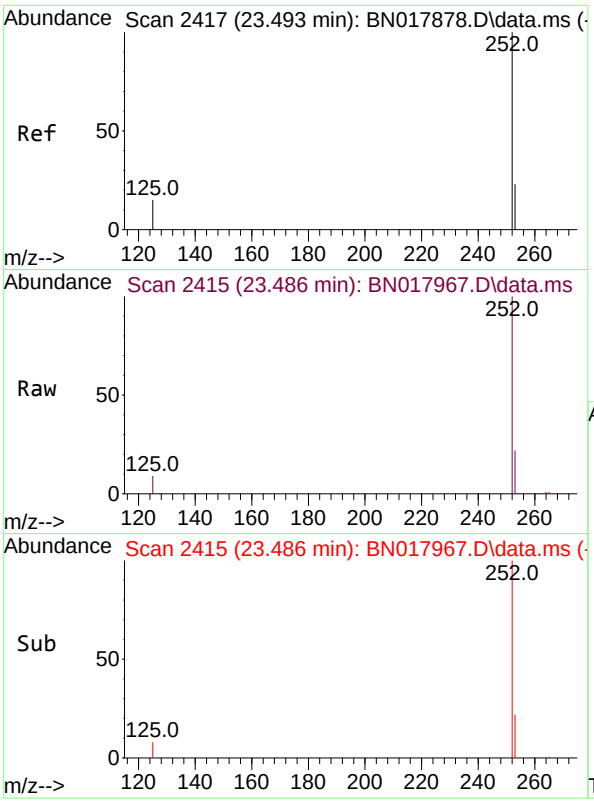


#38
Benzo(k)fluoranthene
Concen: 0.442 ng
RT: 22.935 min Scan# 2254
Delta R.T. -0.004 min
Lab File: BN017967.D
Acq: 13 Dec 2021 12:00

Tgt Ion:252 Resp: 85658

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	7.4	6.1	9.1



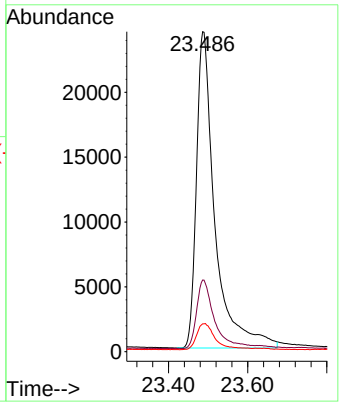


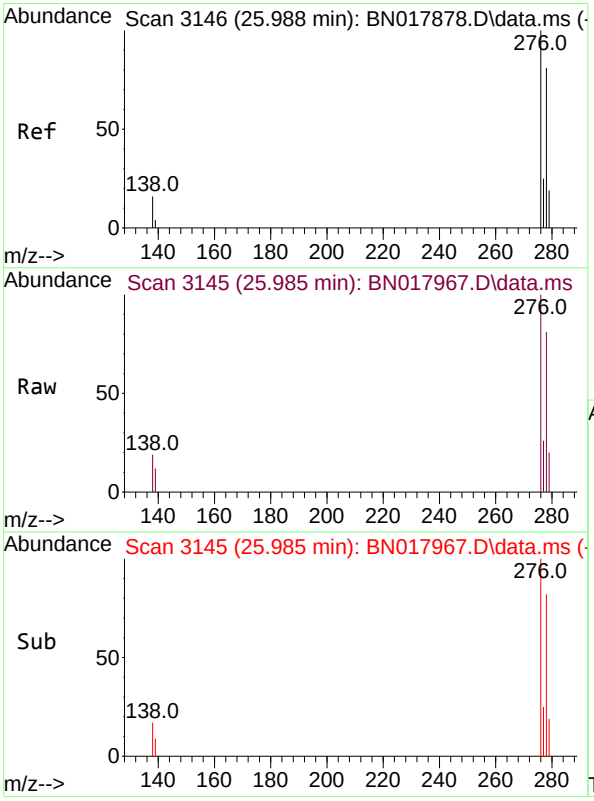
#39
Benzo(a)pyrene
Concen: 0.447 ng
RT: 23.486 min Scan# 24
Delta R.T. -0.007 min
Lab File: BN017967.D
Acq: 13 Dec 2021 12:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 78933

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.8	28.2
125	8.7	12.2	18.2#

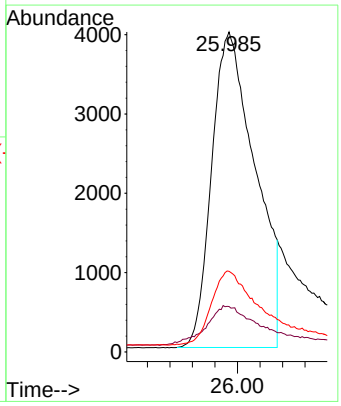


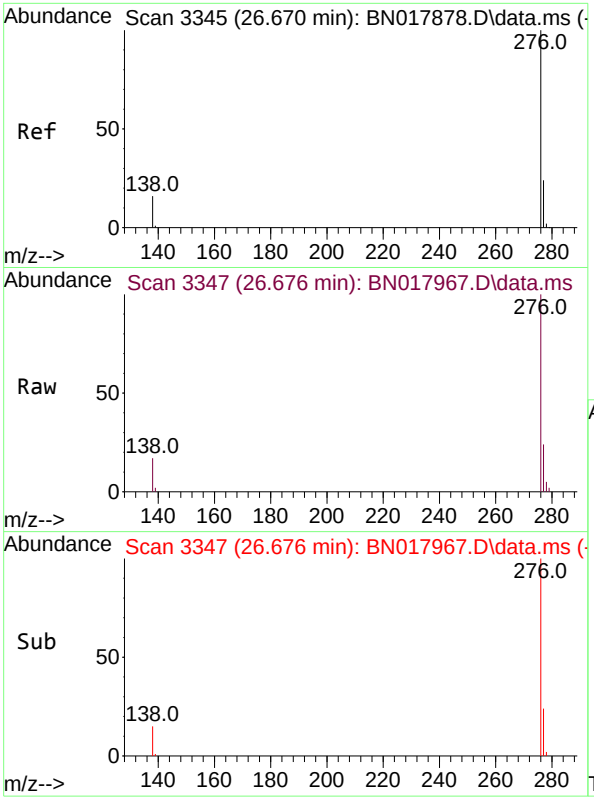


#40
Dibenzo(a,h)anthracene
Concen: 0.348 ng
RT: 25.985 min Scan# 3145
Delta R.T. -0.003 min
Lab File: BN017967.D
Acq: 13 Dec 2021 12:00

Tgt Ion:278 Resp: 21326

Ion	Ratio	Lower	Upper
278	100		
139	14.2	12.0	18.0
279	25.2	20.8	31.2





#41
Benzo(g,h,i)perylene
Concen: 0.386 ng
RT: 26.676 min Scan# 3
Delta R.T. 0.006 min
Lab File: BN017967.D
Acq: 13 Dec 2021 12:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 36937

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.6	29.4
138	16.6	13.8	20.8