Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111921\
Data File : BN017517.D
Acq On : 19 Nov 2021 11:05
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Nov 19 12:30:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 12:29:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	28794	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	129161	0.400	ng	#-0.01
13) Acenaphthene-d10	14.485	164	69318	0.400	ng	0.00
19) Phenanthrene-d10	17.225	188	131051	0.400	ng	# 0.00
29) Chrysene-d12	21.409	240	117431	0.400	ng	# 0.00
35) Perylene-d12	23.776	264	98921	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.439	112	13275	0.194	ng	0.00
5) Phenol-d6	7.025	99	14563	0.197	ng	0.00
8) Nitrobenzene-d5	9.001	82	14120	0.176	ng	-0.01
11) 2-Methylnaphthalene-d10	12.244	152	39910	0.188	ng	0.00
14) 2,4,6-Tribromophenol	15.970	330	3438	0.195	ng	0.00
15) 2-Fluorobiphenyl	13.115	172	47663	0.182	ng	0.00
27) Fluoranthene-d10	19.257	212	71256	0.182	ng	0.00
31) Terphenyl-d14	19.858	244	47471	0.165	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.383	88	2546	0.201	ng	# 47
3) n-Nitrosodimethylamine	3.715	42	5037	0.209	ng	# 96
6) bis(2-Chloroethyl)ether	7.284	93	15740	0.199	ng	95
9) Naphthalene	10.699	128	61761	0.190	ng	100
10) Hexachlorobutadiene	11.003	225	11947	0.176	ng	# 99
12) 2-Methylnaphthalene	12.315	142	39590	0.193	ng	98
16) Acenaphthylene	14.206	152	44394	0.172	ng	100
17) Acenaphthene	14.549	154	34138	0.182	ng	100
18) Fluorene	15.526	166	40890	0.190	ng	100
20) 4,6-Dinitro-2-methylph...	15.614	198	466	0.091	ng	# 55
21) 4-Bromophenyl-phenylether	16.422	248	12548	0.169	ng	# 78
22) Hexachlorobenzene	16.544	284	14095	0.168	ng	96
23) Atrazine	16.690	200	7682	0.181	ng	96
24) Pentachlorophenol	16.884	266	2835	0.169	ng	99
25) Phenanthrene	17.262	178	67437	0.187	ng	100
26) Anthracene	17.359	178	52370	0.175	ng	100
28) Fluoranthene	19.287	202	72767	0.188	ng	100
30) Pyrene	19.649	202	72109	0.171	ng	100
32) Benzo(a)anthracene	21.398	228	60418	0.166	ng	99
33) Chrysene	21.451	228	71998	0.193	ng	99
34) Bis(2-ethylhexyl)phtha...	21.334	149	22043	0.116	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.220	276	50521	0.221	ng	96
37) Benzo(b)fluoranthene	23.057	252	62468	0.168	ng	98
38) Benzo(k)fluoranthene	23.105	252	63279	0.185	ng	98
39) Benzo(a)pyrene	23.674	252	47936	0.166	ng	98
40) Dibenzo(a,h)anthracene	26.241	278	41350	0.238	ng	# 94
41) Benzo(g,h,i)perylene	26.966	276	43777	0.204	ng	97

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

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Data File : BN017517.D
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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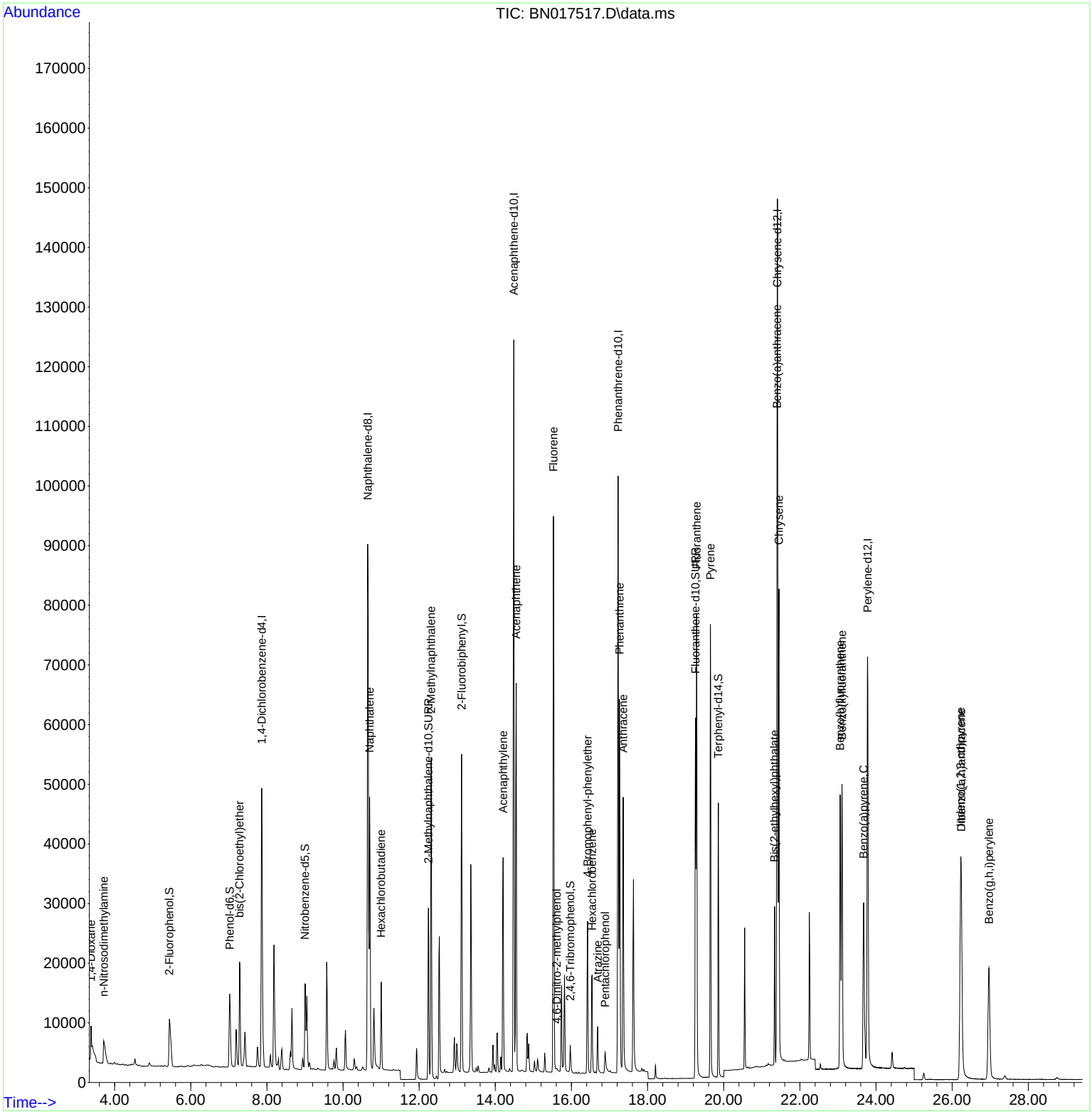
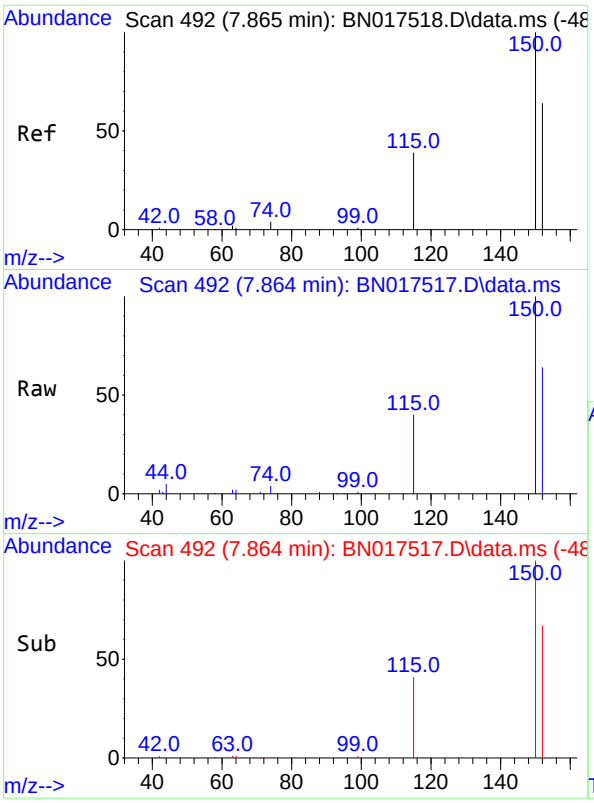
Quant Time: Nov 19 12:30:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 12:29:22 2021
Response via : Initial Calibration



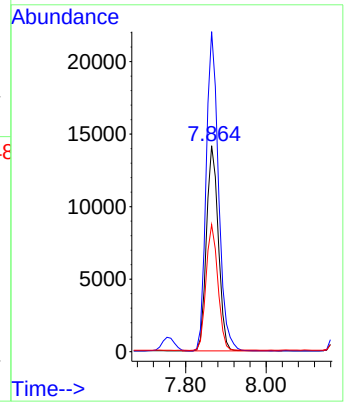


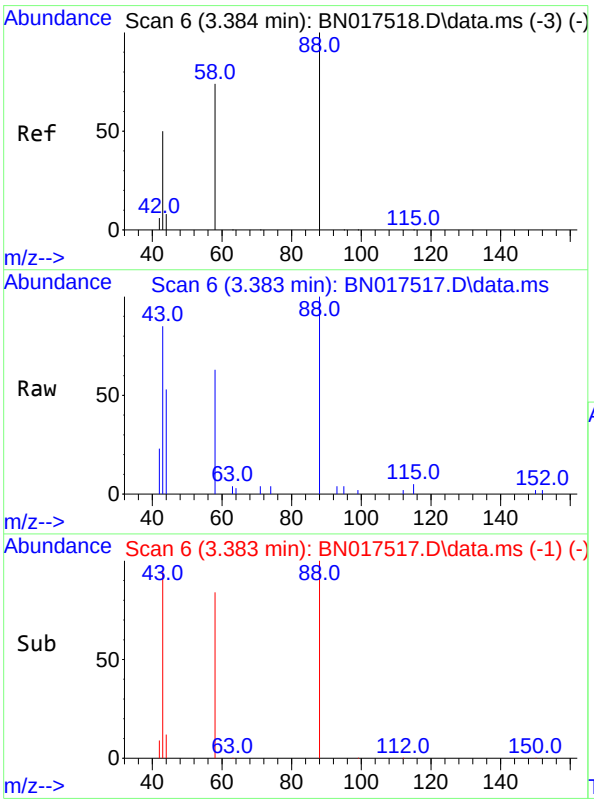
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.864 min Scan# 4
Delta R.T. -0.001 min
Lab File: BN017517.D
Acq: 19 Nov 2021 11:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 28794

Ion	Ratio	Lower	Upper
152	100		
150	155.4	123.0	184.4
115	61.7	45.6	68.4

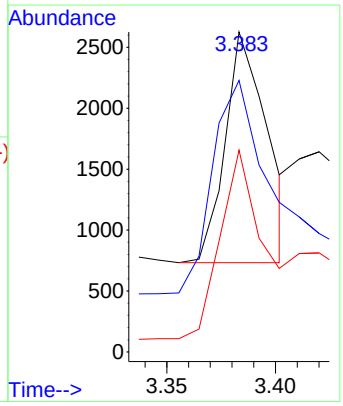


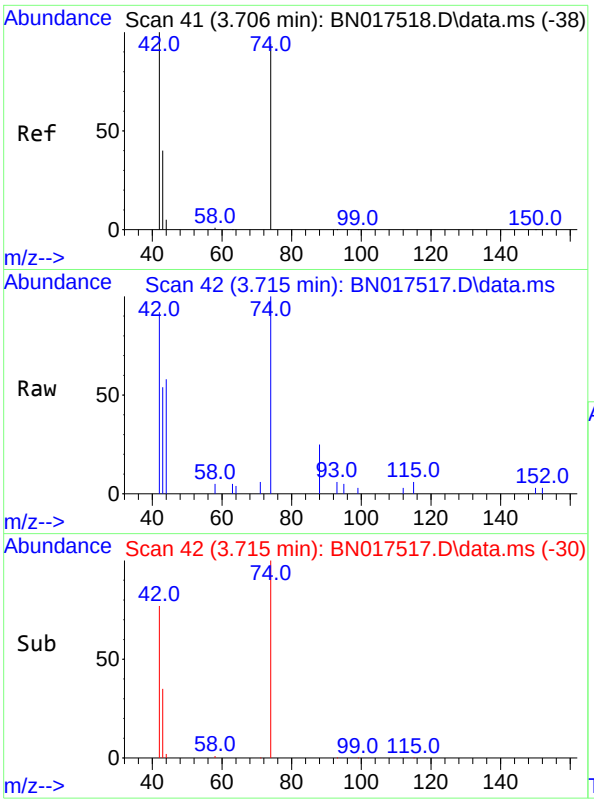


#2
1,4-Dioxane
Concen: 0.201 ng
RT: 3.383 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN017517.D
Acq: 19 Nov 2021 11:05

Tgt Ion: 88 Resp: 2546

Ion	Ratio	Lower	Upper
88	100		
43	127.2	24.7	37.1#
58	83.2	63.0	94.6



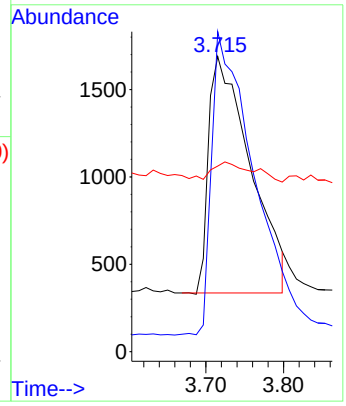


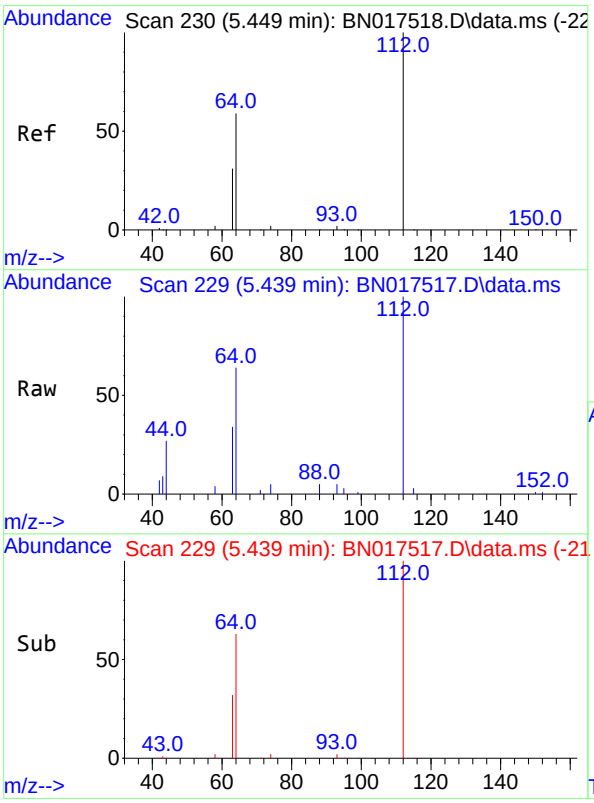
#3
n-Nitrosodimethylamine
Concen: 0.209 ng
RT: 3.715 min Scan# 4
Delta R.T. 0.009 min
Lab File: BN017517.D
Acq: 19 Nov 2021 11:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 5037

Ion	Ratio	Lower	Upper
42	100		
74	126.1	97.8	146.6
44	8.6	5.5	8.3#

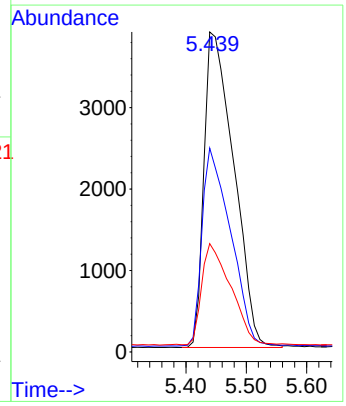


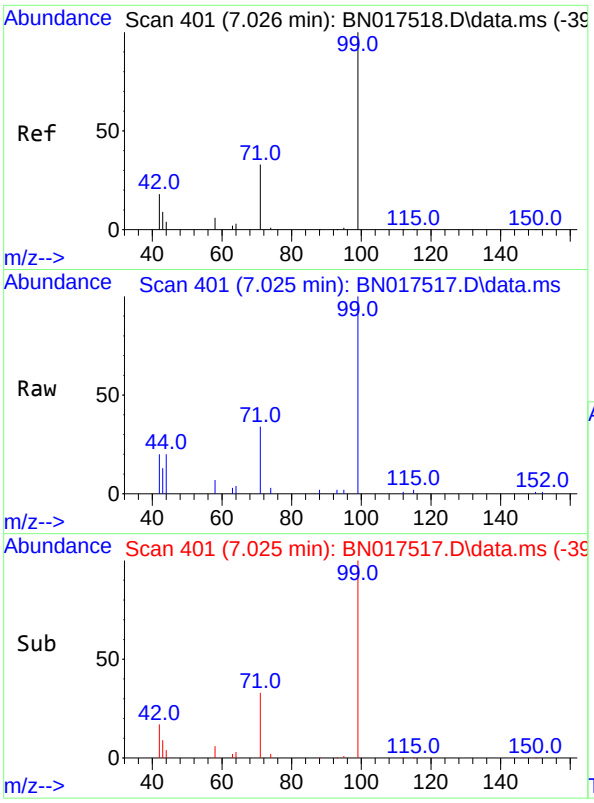


#4
2-Fluorophenol
Concen: 0.194 ng
RT: 5.439 min Scan# 229
Delta R.T. -0.010 min
Lab File: BN017517.D
Acq: 19 Nov 2021 11:05

Tgt Ion:112 Resp: 13275

Ion	Ratio	Lower	Upper
112	100		
64	60.1	47.6	71.4
63	31.2	24.6	37.0



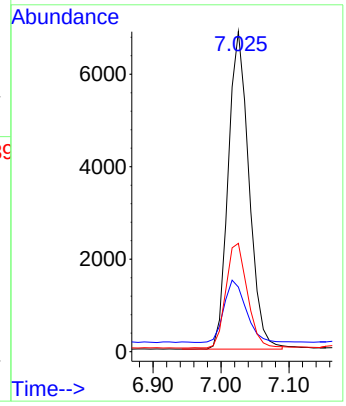


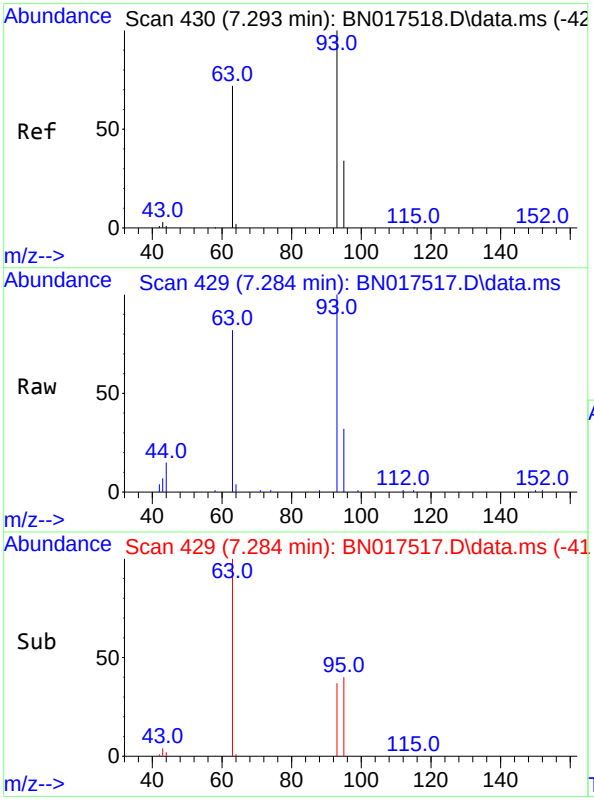
#5
Phenol-d6
Concen: 0.197 ng
RT: 7.025 min Scan# 4(
Delta R.T. -0.000 min
Lab File: BN017517.D
Acq: 19 Nov 2021 11:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 14563

Ion	Ratio	Lower	Upper
99	100		
42	20.8	17.0	25.6
71	34.0	24.8	37.2

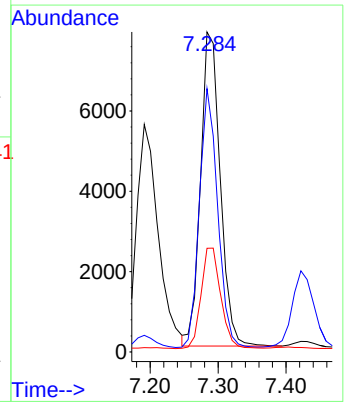


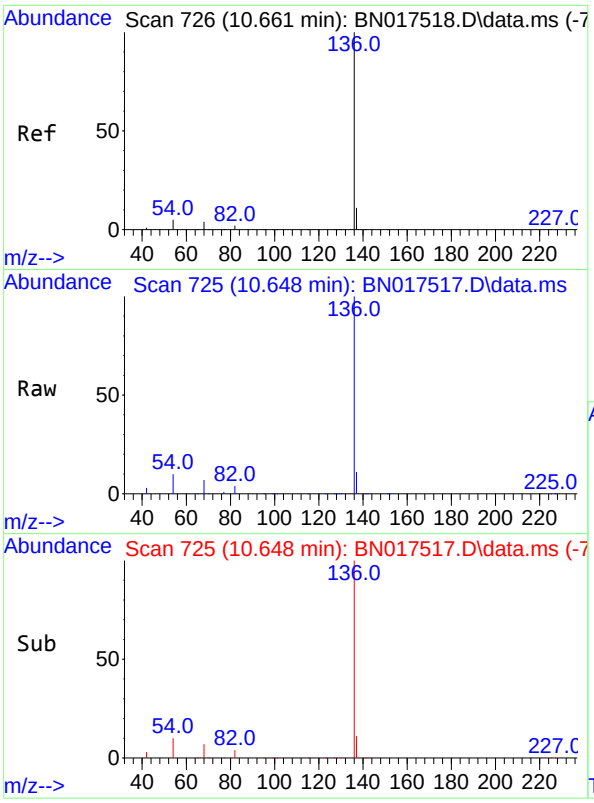


#6
bis(2-Chloroethyl)ether
Concen: 0.199 ng
RT: 7.284 min Scan# 429
Delta R.T. -0.010 min
Lab File: BN017517.D
Acq: 19 Nov 2021 11:05

Tgt Ion: 93 Resp: 15740

Ion	Ratio	Lower	Upper
93	100		
63	76.7	65.8	98.6
95	32.0	26.6	39.8



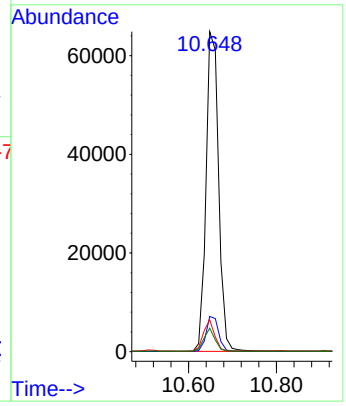


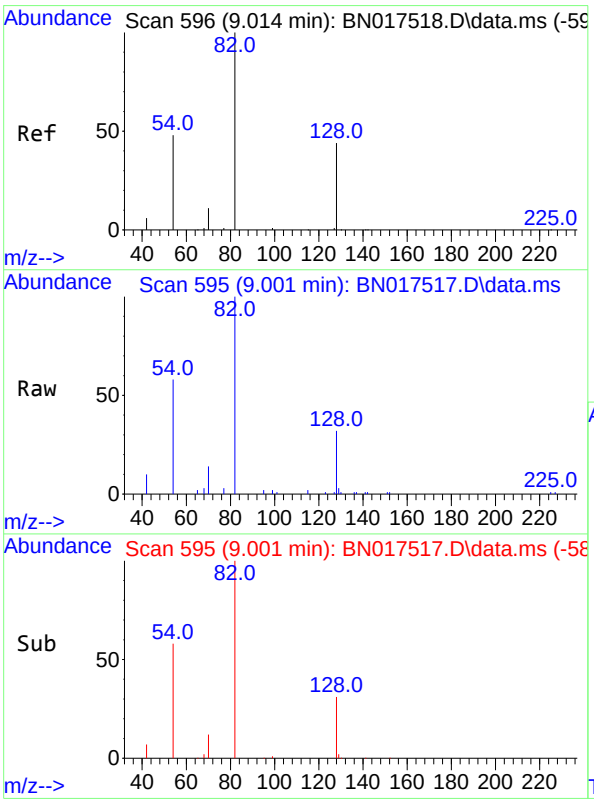
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 7
Delta R.T. -0.013 min
Lab File: BN017517.D
Acq: 19 Nov 2021 11:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 129161

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	10.0	4.0	6.0#
68	7.3	3.0	4.6#

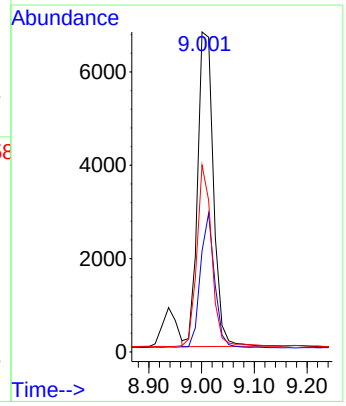


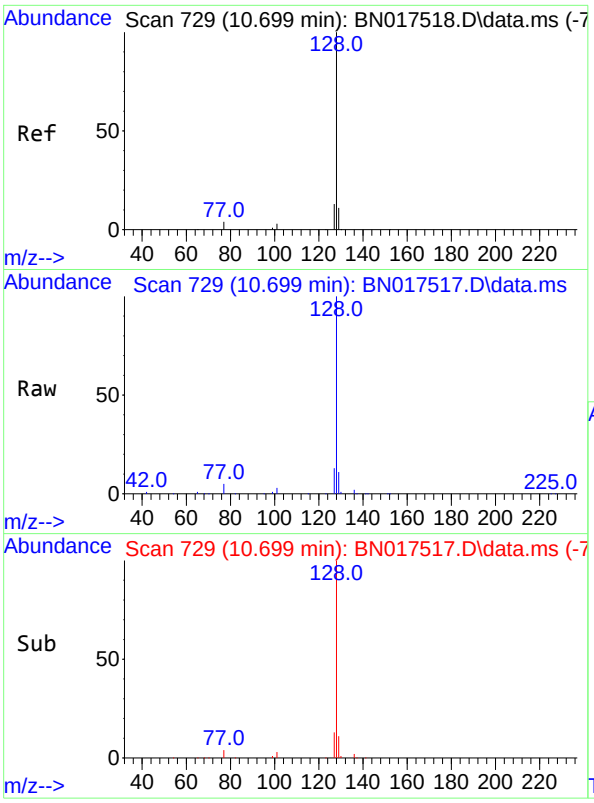


#8
Nitrobenzene-d5
Concen: 0.176 ng
RT: 9.001 min Scan# 595
Delta R.T. -0.013 min
Lab File: BN017517.D
Acq: 19 Nov 2021 11:05

Tgt Ion: 82 Resp: 14120

Ion	Ratio	Lower	Upper
82	100		
128	31.6	27.7	41.5
54	58.4	49.2	73.8



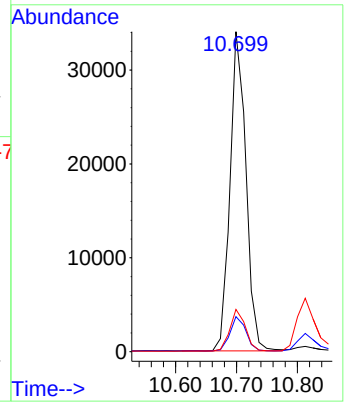


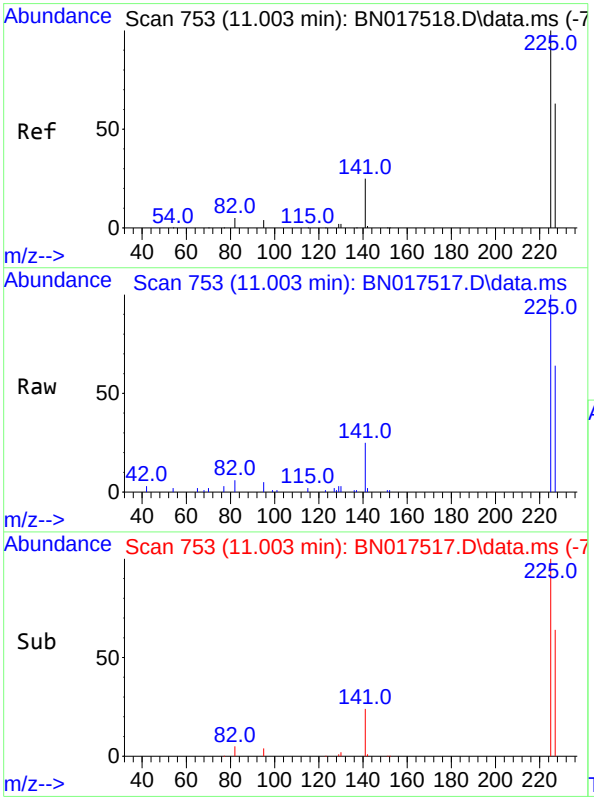
#9
Naphthalene
Concen: 0.190 ng
RT: 10.699 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN017517.D
Acq: 19 Nov 2021 11:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 61761

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.2	10.6	15.8

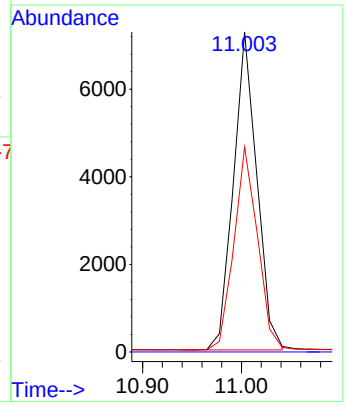


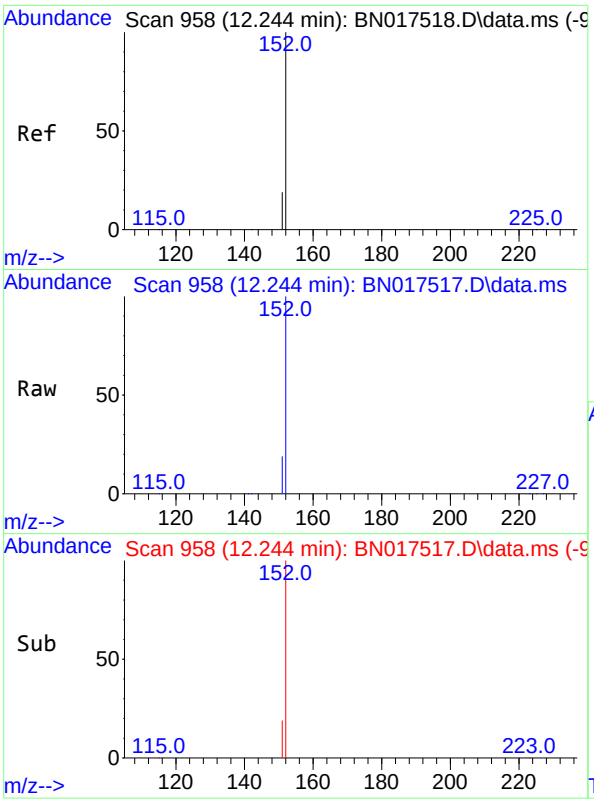


#10
Hexachlorobutadiene
Concen: 0.176 ng
RT: 11.003 min Scan# 753
Delta R.T. -0.000 min
Lab File: BN017517.D
Acq: 19 Nov 2021 11:05

Tgt Ion:225 Resp: 11947

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.3	51.1	76.7



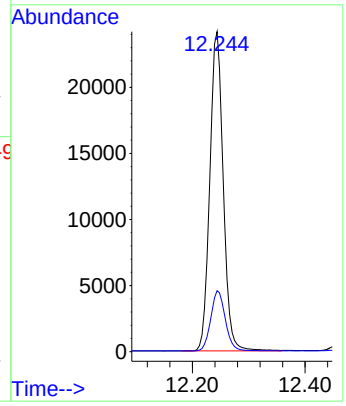


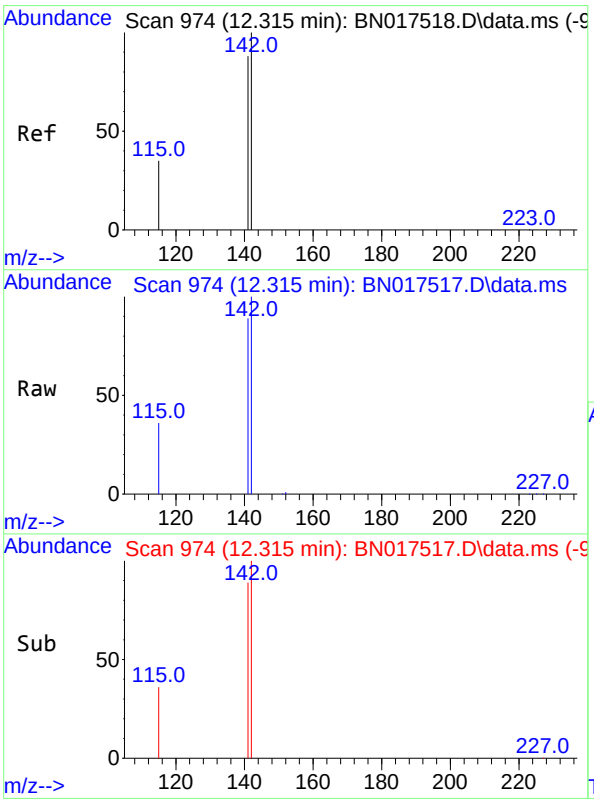
#11
2-Methylnaphthalene-d10
Concen: 0.188 ng
RT: 12.244 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN017517.D
Acq: 19 Nov 2021 11:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 39910

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4

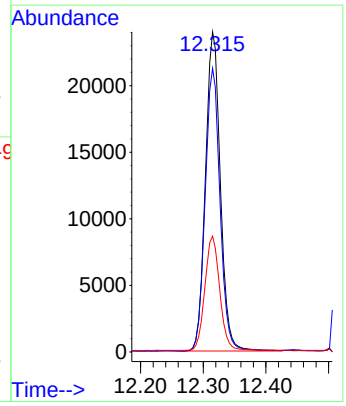


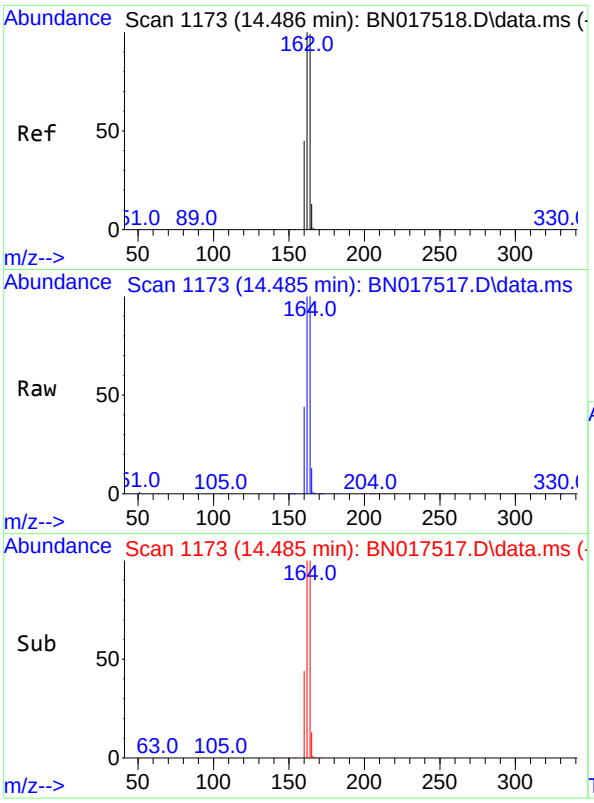


#12
2-Methylnaphthalene
Concen: 0.193 ng
RT: 12.315 min Scan# 974
Delta R.T. -0.000 min
Lab File: BN017517.D
Acq: 19 Nov 2021 11:05

Tgt Ion:142 Resp: 39590

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.6	106.0
115	36.2	25.8	38.6



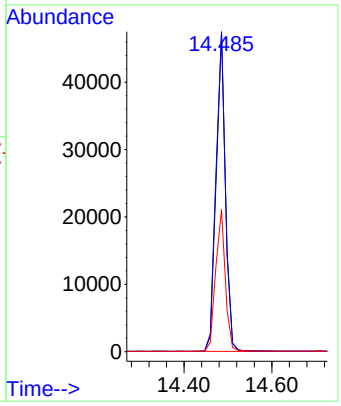


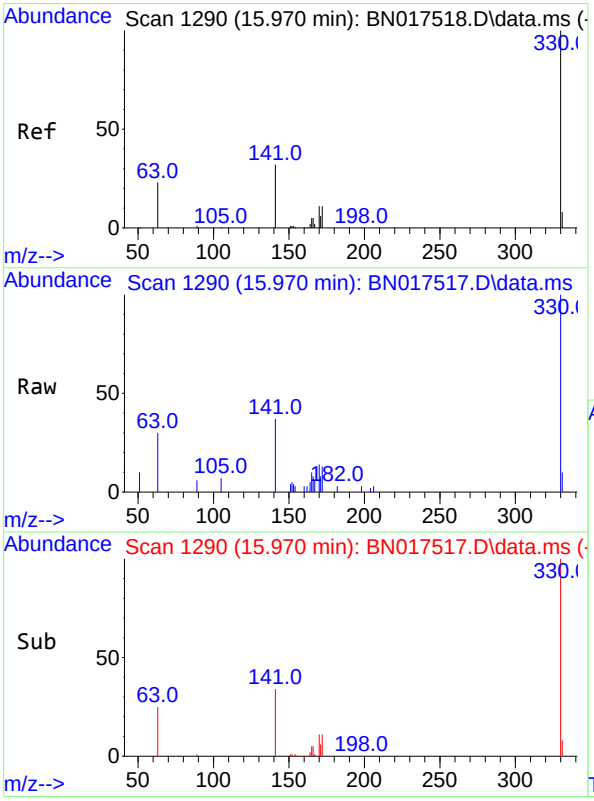
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.485 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017517.D
Acq: 19 Nov 2021 11:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 69318

Ion	Ratio	Lower	Upper
164	100		
162	100.1	81.4	122.2
160	44.4	36.8	55.2

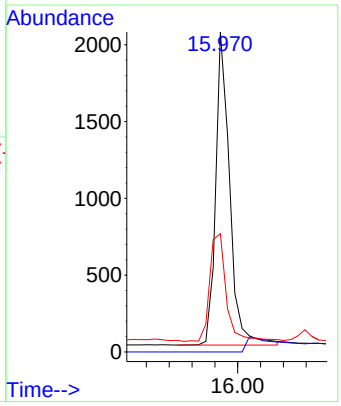


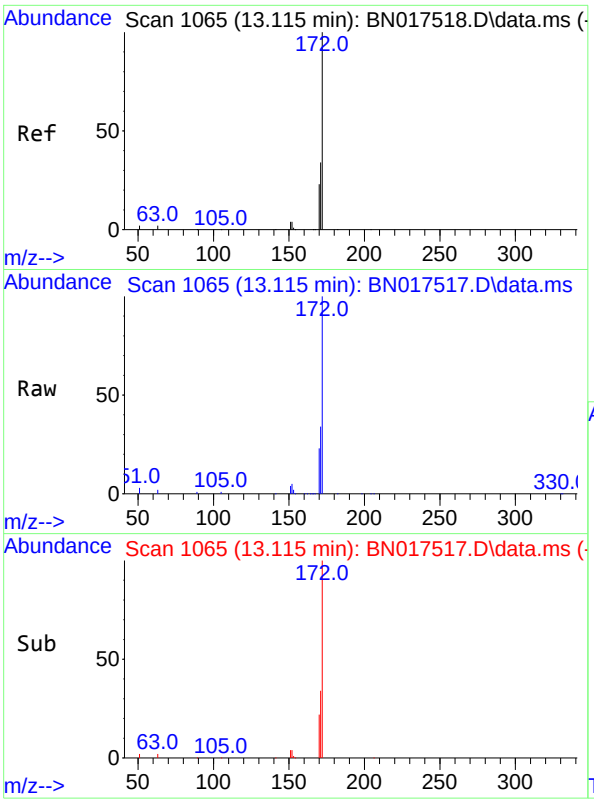


#14
2,4,6-Tribromophenol
Concen: 0.195 ng
RT: 15.970 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BN017517.D
Acq: 19 Nov 2021 11:05

Tgt Ion:330 Resp: 3438

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	40.9	28.9	43.3



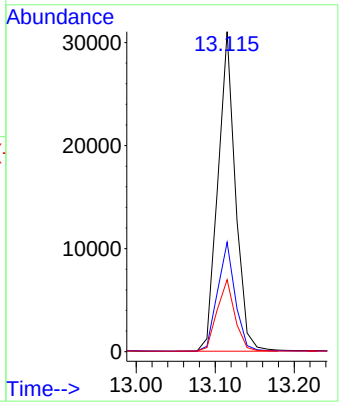


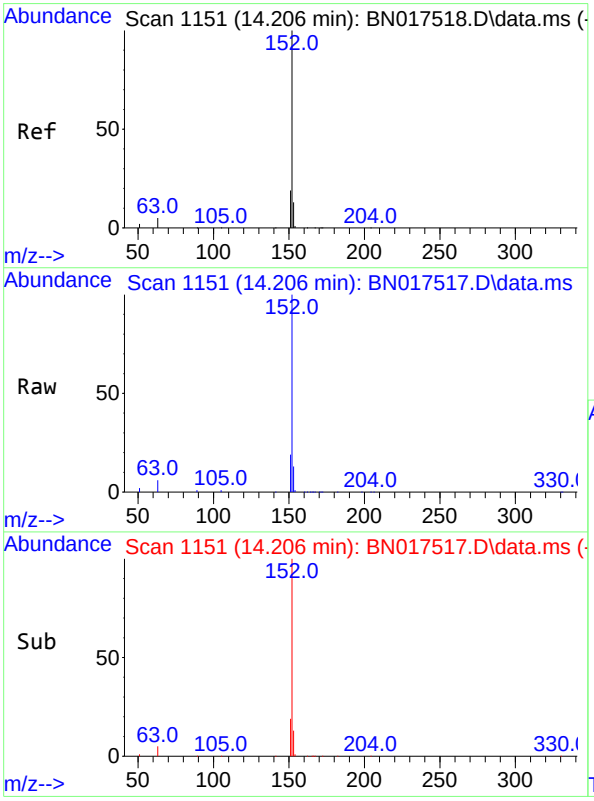
#15
2-Fluorobiphenyl
Concen: 0.182 ng
RT: 13.115 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN017517.D
Acq: 19 Nov 2021 11:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 47663

Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.7	43.1
170	22.5	19.4	29.2

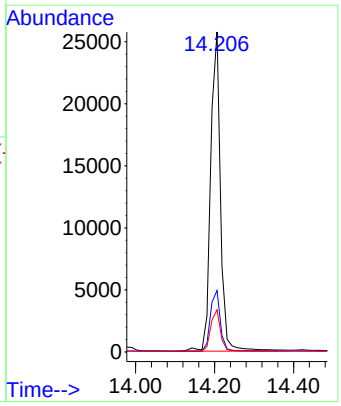


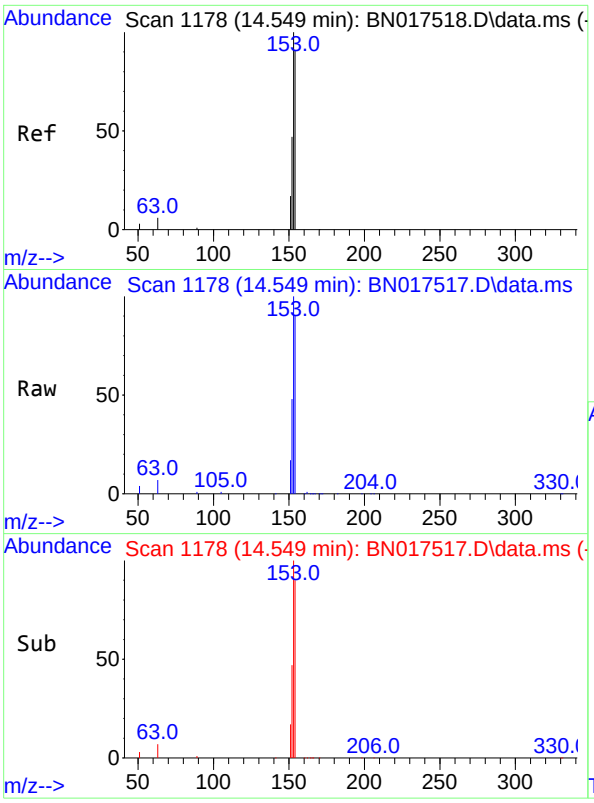


#16
Acenaphthylene
Concen: 0.172 ng
RT: 14.206 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BN017517.D
Acq: 19 Nov 2021 11:05

Tgt Ion:152 Resp: 44394

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3
153	12.8	10.4	15.6



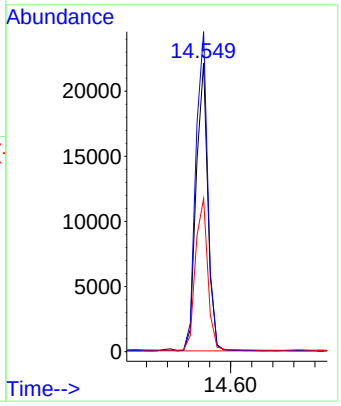


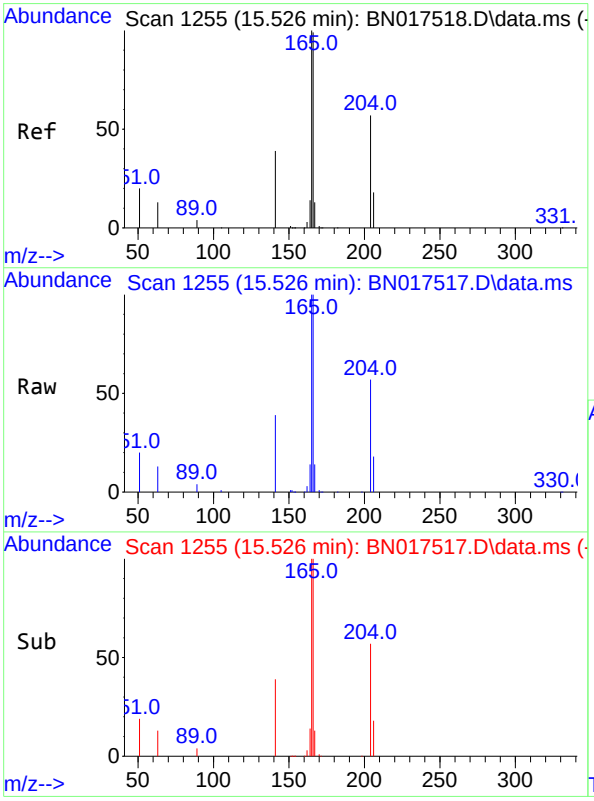
#17
Acenaphthene
Concen: 0.182 ng
RT: 14.549 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017517.D
Acq: 19 Nov 2021 11:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 34138

Ion	Ratio	Lower	Upper
154	100		
153	113.4	91.2	136.8
152	55.2	44.3	66.5

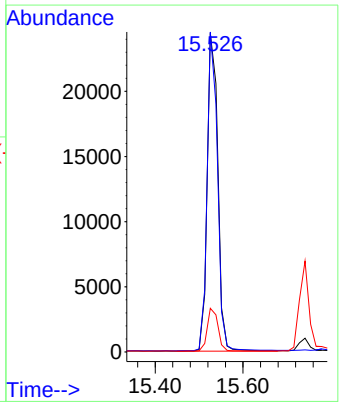


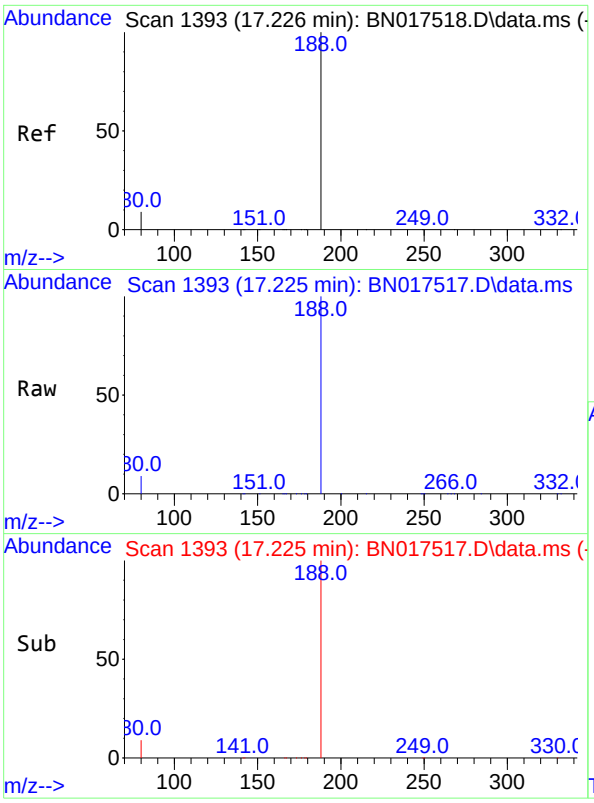


#18
Fluorene
Concen: 0.190 ng
RT: 15.526 min Scan# 1255
Delta R.T. -0.000 min
Lab File: BN017517.D
Acq: 19 Nov 2021 11:05

Tgt Ion:166 Resp: 40890

Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.9	116.9
167	13.6	10.9	16.3



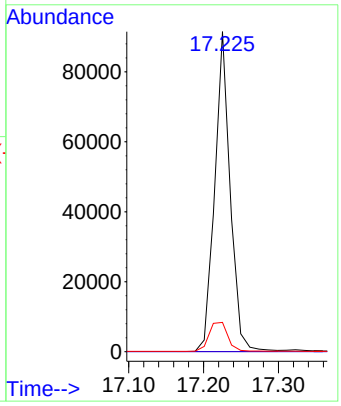


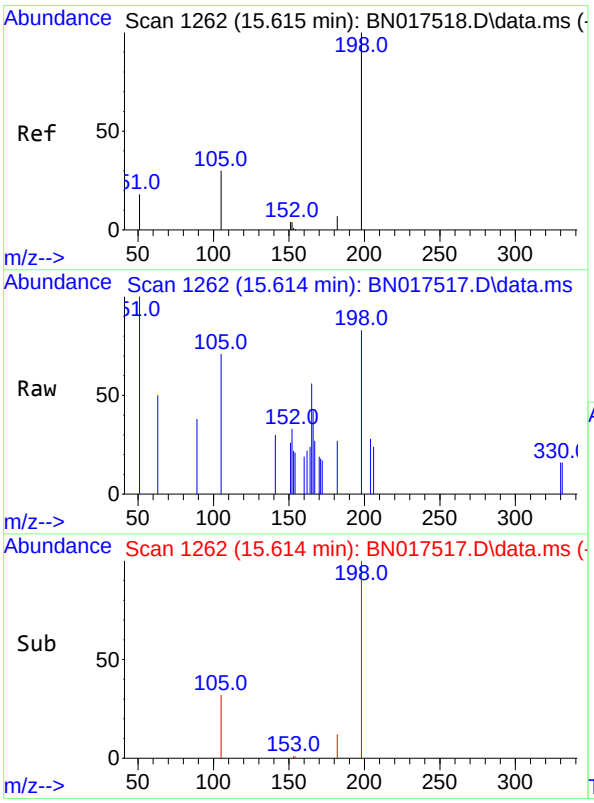
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.225 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017517.D
Acq: 19 Nov 2021 11:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 131051

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.2	6.1	9.1#

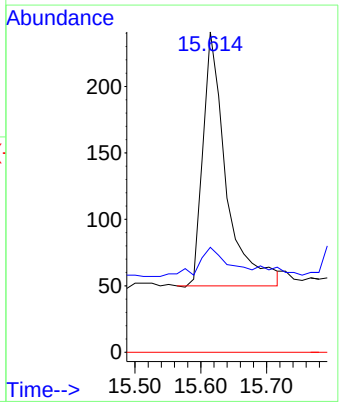


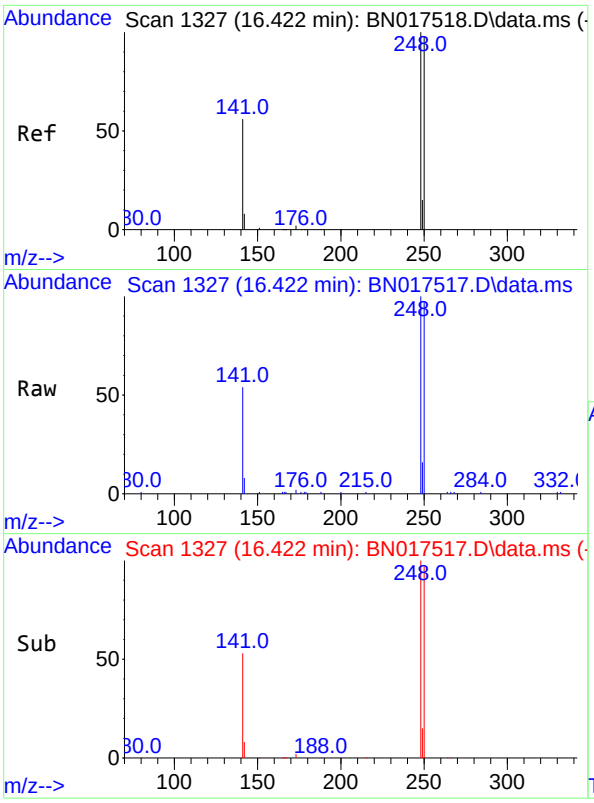


#20
4,6-Dinitro-2-methylphenol
Concen: 0.091 ng
RT: 15.614 min Scan# 1262
Delta R.T. -0.000 min
Lab File: BN017517.D
Acq: 19 Nov 2021 11:05

Tgt Ion:198 Resp: 466

Ion	Ratio	Lower	Upper
198	100		
182	32.8	11.4	17.2#
77	0.0	0.0	0.0



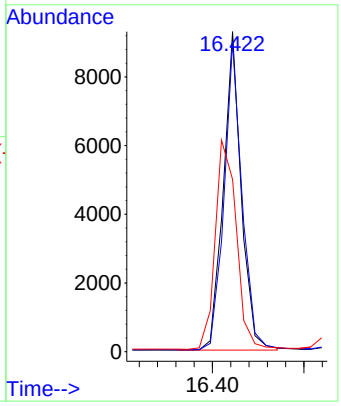


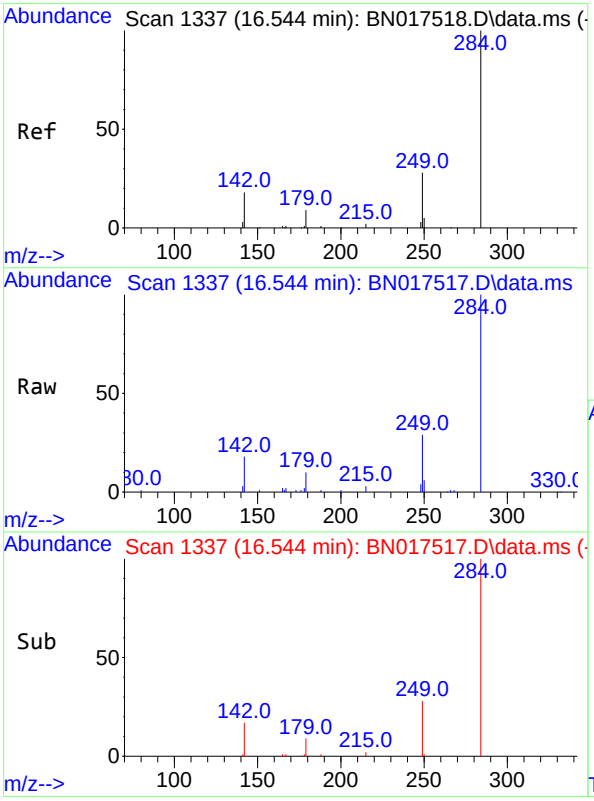
#21
4-Bromophenyl-phenylether
Concen: 0.169 ng
RT: 16.422 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017517.D
Acq: 19 Nov 2021 11:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:248 Resp: 12548

Ion	Ratio	Lower	Upper
248	100		
250	96.9	71.8	107.8
141	53.8	70.9	106.3#

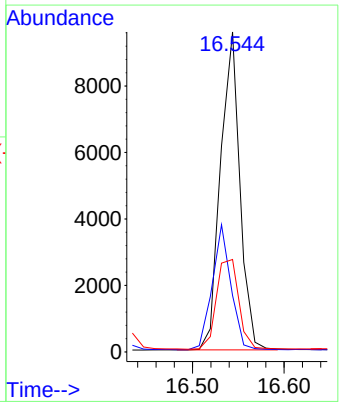


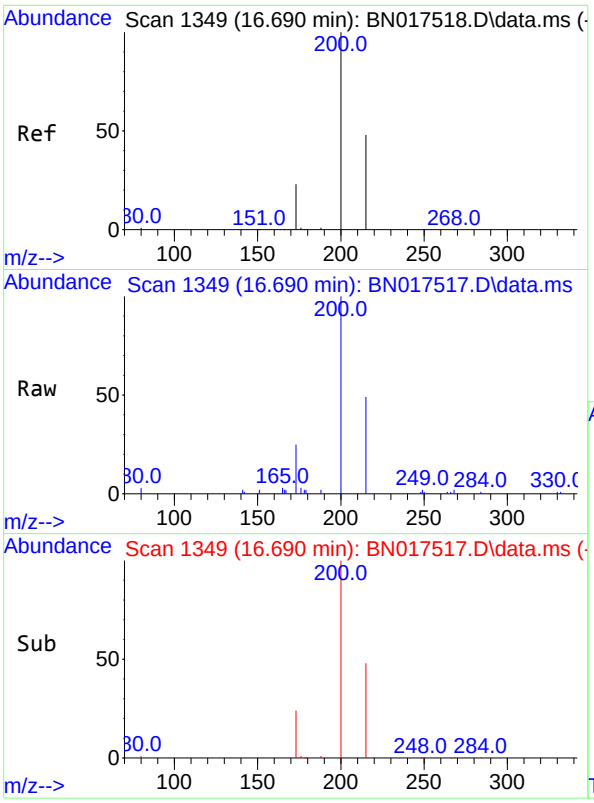


#22
Hexachlorobenzene
Concen: 0.168 ng
RT: 16.544 min Scan# 1337
Delta R.T. -0.000 min
Lab File: BN017517.D
Acq: 19 Nov 2021 11:05

Tgt Ion:284 Resp: 14095

Ion	Ratio	Lower	Upper
284	100		
142	37.9	28.2	42.2
249	32.6	24.4	36.6



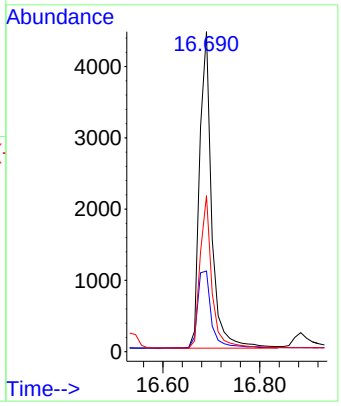


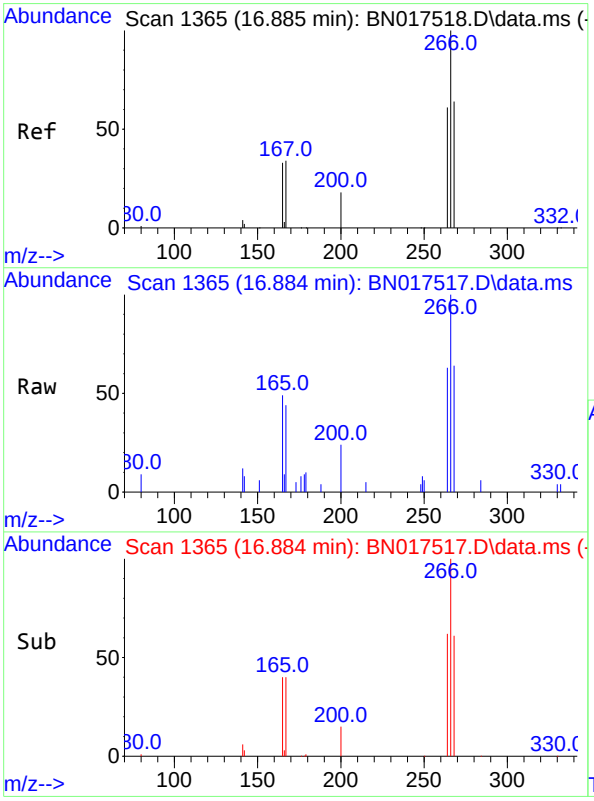
#23
Atrazine
Concen: 0.181 ng
RT: 16.690 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017517.D
Acq: 19 Nov 2021 11:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:200 Resp: 7682

Ion	Ratio	Lower	Upper
200	100		
173	25.2	17.6	26.4
215	48.7	40.2	60.4

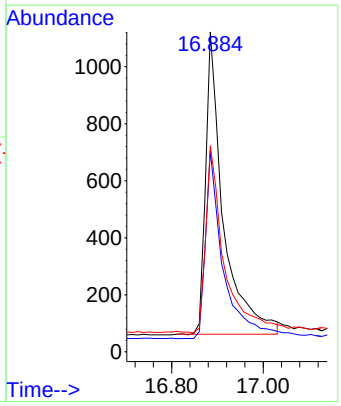


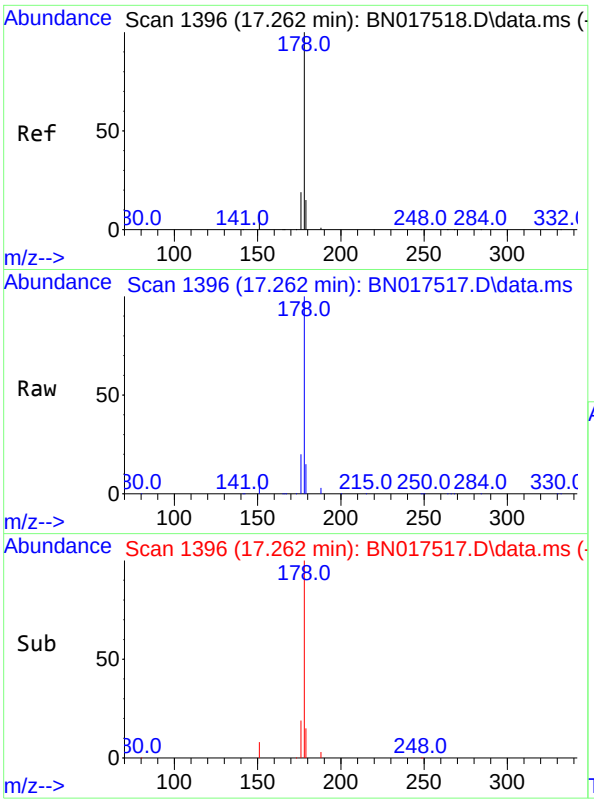


#24
Pentachlorophenol
Concen: 0.169 ng
RT: 16.884 min Scan# 1365
Delta R.T. -0.000 min
Lab File: BN017517.D
Acq: 19 Nov 2021 11:05

Tgt Ion:266 Resp: 2835

Ion	Ratio	Lower	Upper
266	100		
264	61.9	49.8	74.8
268	63.4	51.3	76.9



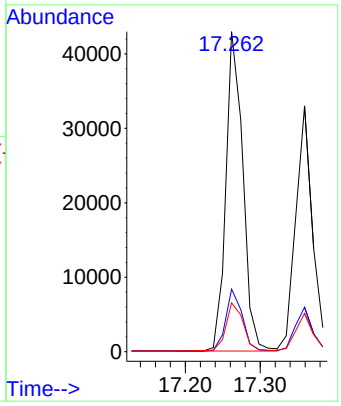


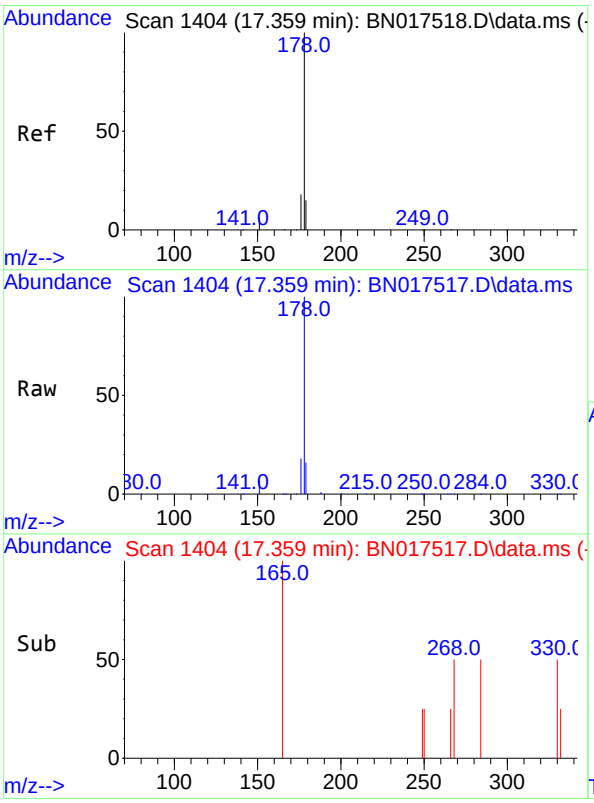
#25
Phenanthrene
Concen: 0.187 ng
RT: 17.262 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017517.D
Acq: 19 Nov 2021 11:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 67437

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.0	22.6
179	15.4	12.3	18.5

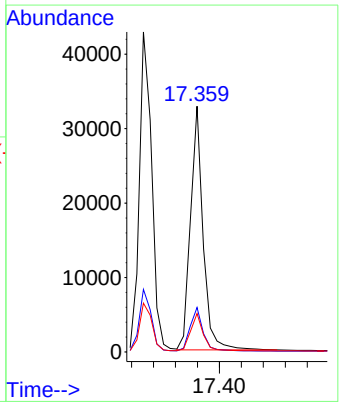


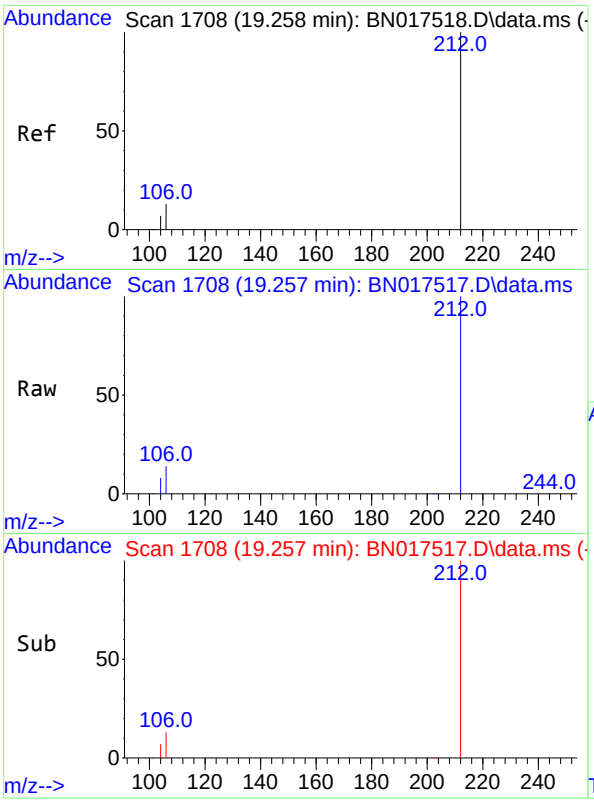


#26
Anthracene
Concen: 0.175 ng
RT: 17.359 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BN017517.D
Acq: 19 Nov 2021 11:05

Tgt Ion:178 Resp: 52370

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	22.0
179	15.2	12.2	18.4



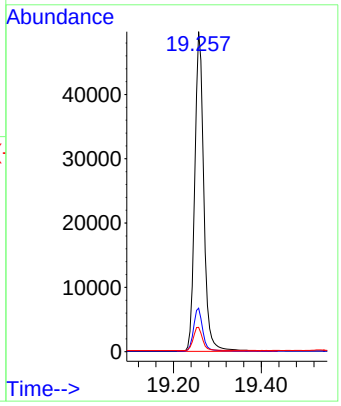


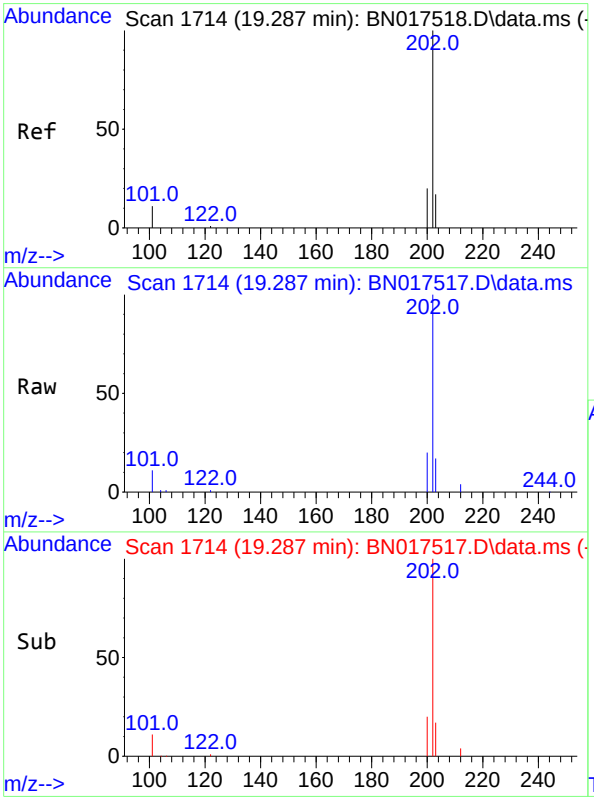
#27
Fluoranthene-d10
Concen: 0.182 ng
RT: 19.257 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017517.D
Acq: 19 Nov 2021 11:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 71256

Ion	Ratio	Lower	Upper
212	100		
106	13.3	10.5	15.7
104	7.5	5.8	8.6

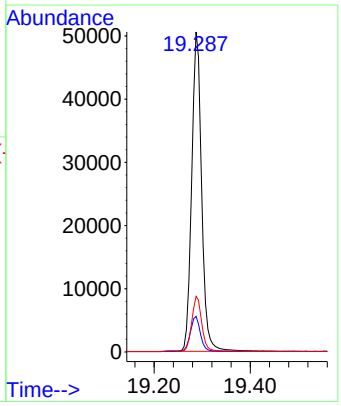


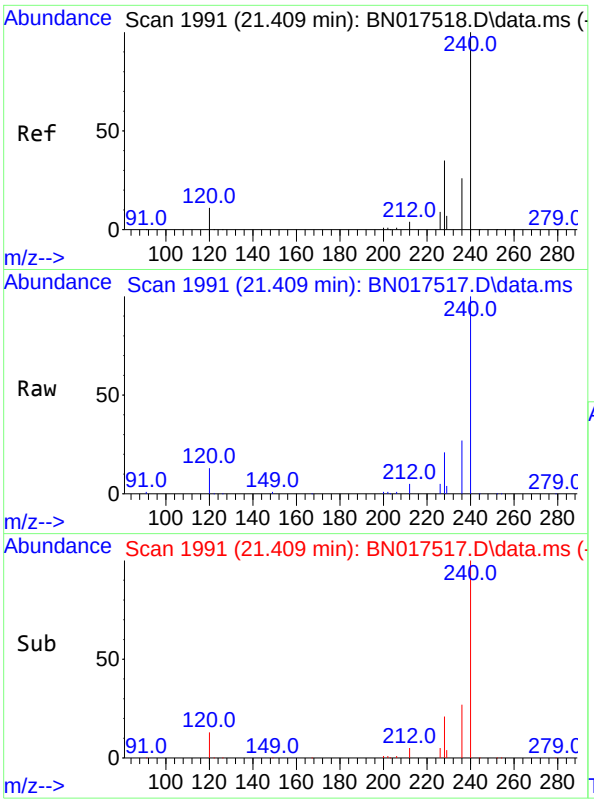


#28
Fluoranthene
Concen: 0.188 ng
RT: 19.287 min Scan# 1714
Delta R.T. -0.000 min
Lab File: BN017517.D
Acq: 19 Nov 2021 11:05

Tgt Ion:202 Resp: 72767

Ion	Ratio	Lower	Upper
202	100		
101	11.4	8.9	13.3
203	17.3	13.8	20.6





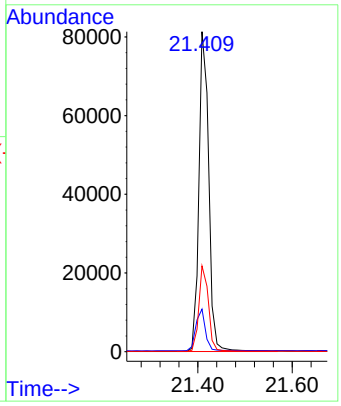
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.409 min Scan# 1

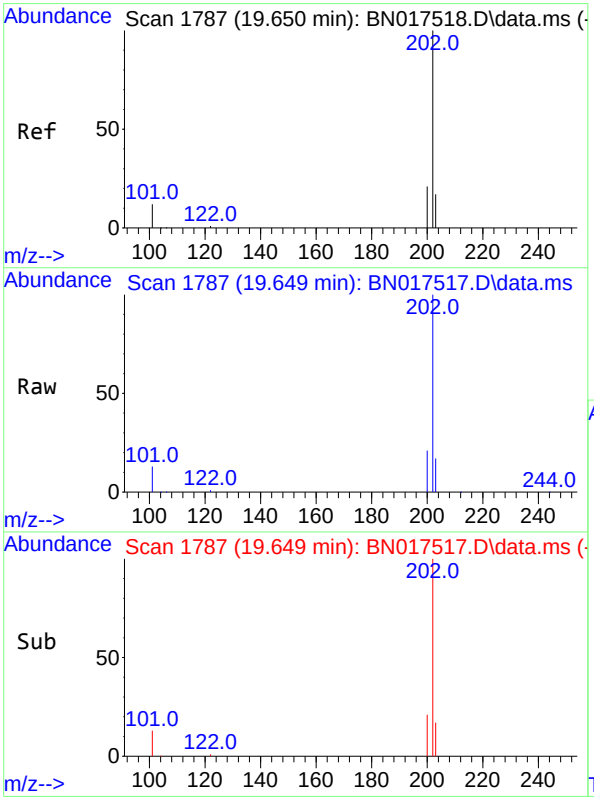
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Delta R.T. -0.000 min
Lab File: BN017517.D
Acq: 19 Nov 2021 11:05

Tgt Ion:240 Resp: 117431

Ion	Ratio	Lower	Upper
240	100		
120	13.3	4.2	6.2#
236	26.8	20.0	30.0

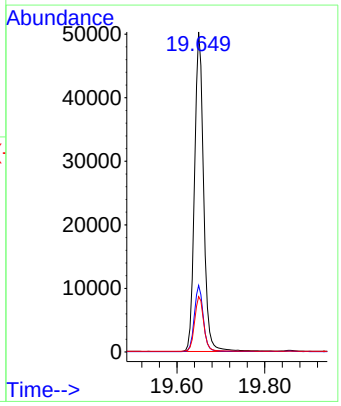


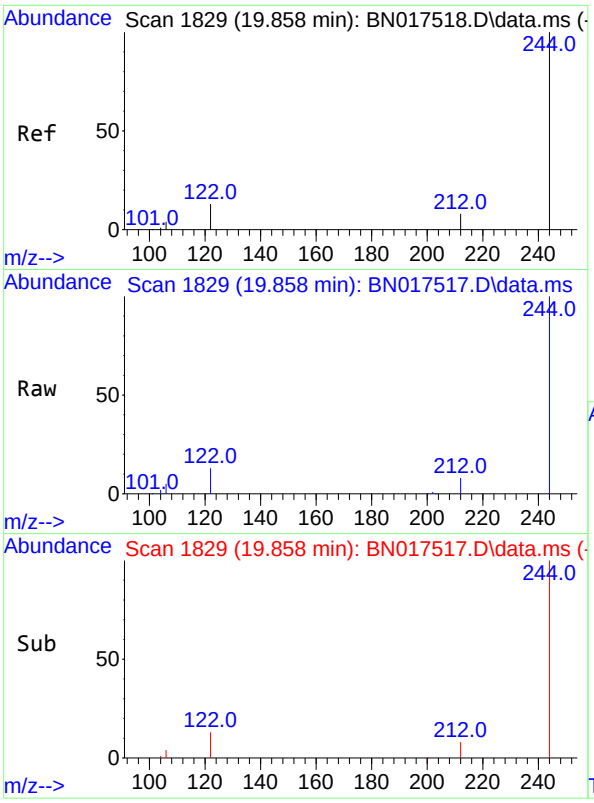


#30
Pyrene
Concen: 0.171 ng
RT: 19.649 min Scan# 1787
Delta R.T. -0.000 min
Lab File: BN017517.D
Acq: 19 Nov 2021 11:05

Tgt Ion:202 Resp: 72109

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	17.4	14.0	21.0



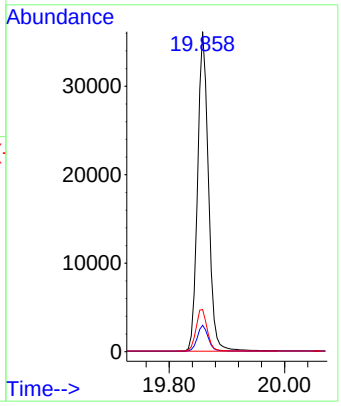


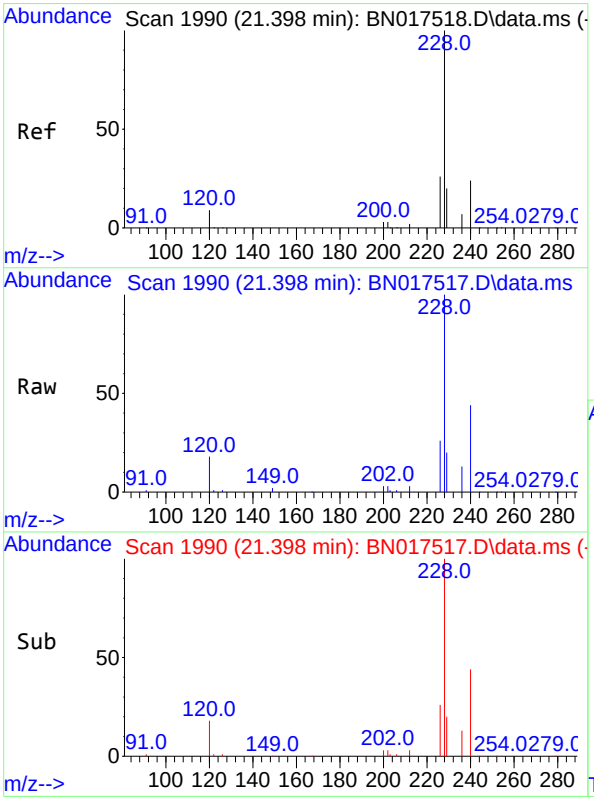
#31
Terphenyl-d14
Concen: 0.165 ng
RT: 19.858 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017517.D
Acq: 19 Nov 2021 11:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 47471

Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.7	8.5
122	13.1	8.6	13.0#

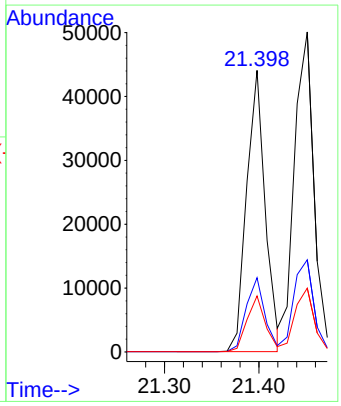


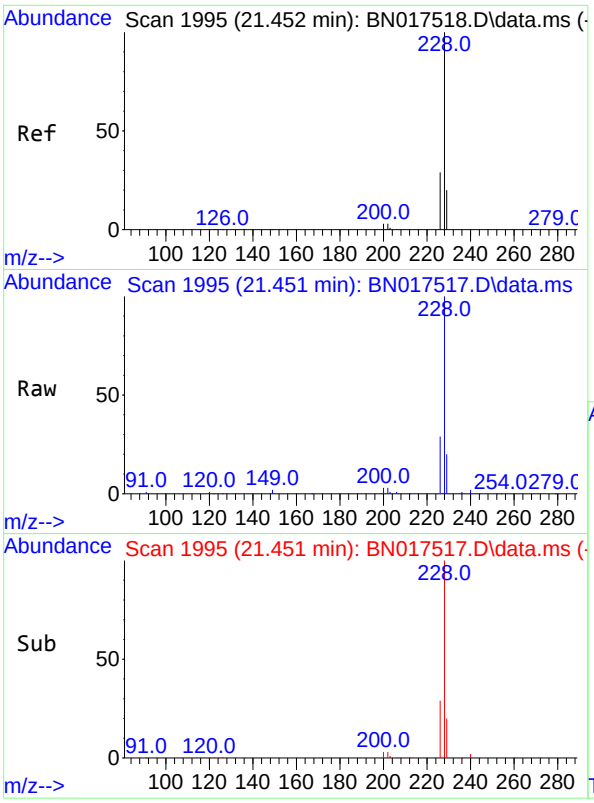


#32
Benzo(a)anthracene
Concen: 0.166 ng
RT: 21.398 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BN017517.D
Acq: 19 Nov 2021 11:05

Tgt Ion:228 Resp: 60418

Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.3	31.9
229	19.9	15.7	23.5



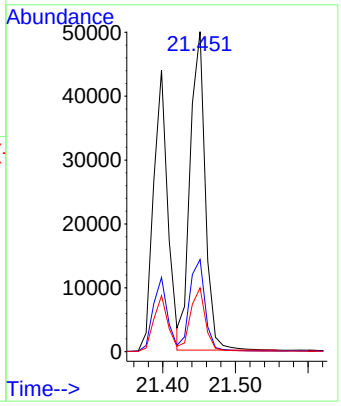


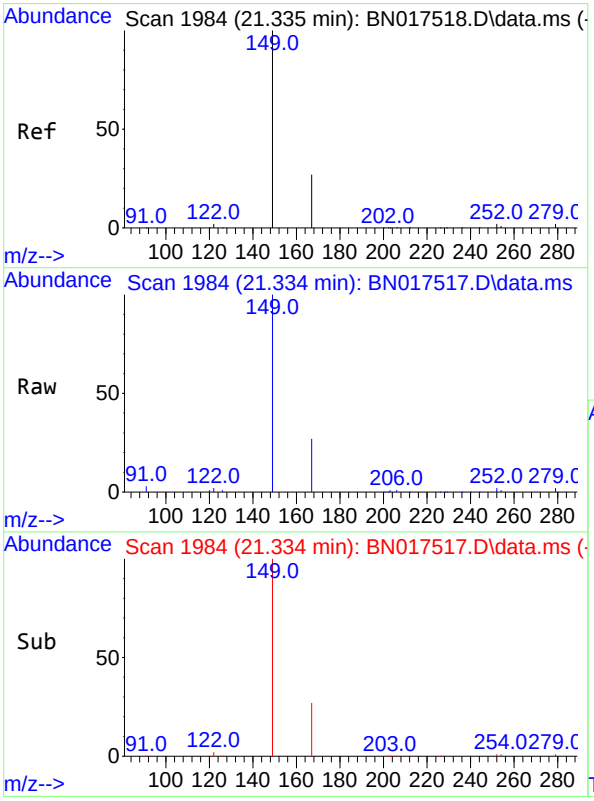
#33
Chrysene
Concen: 0.193 ng
RT: 21.451 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017517.D
Acq: 19 Nov 2021 11:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 71998

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.3	34.9
229	19.9	15.6	23.4

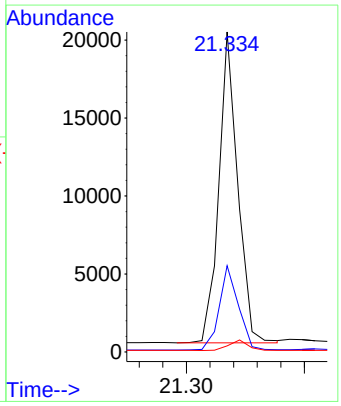


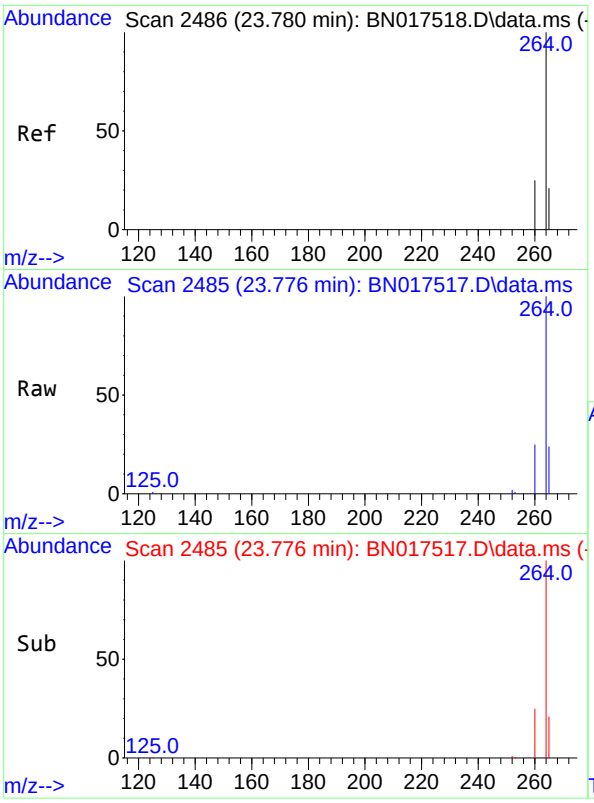


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.116 ng
RT: 21.334 min Scan# 1984
Delta R.T. -0.000 min
Lab File: BN017517.D
Acq: 19 Nov 2021 11:05

Tgt Ion:149 Resp: 22043

Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.8	32.6
279	3.4	3.4	5.0#



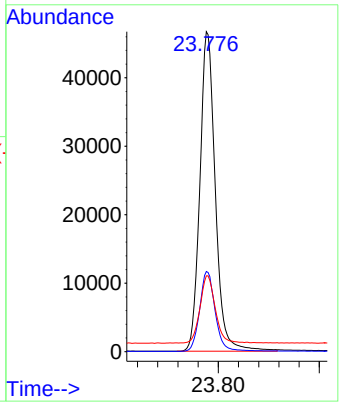


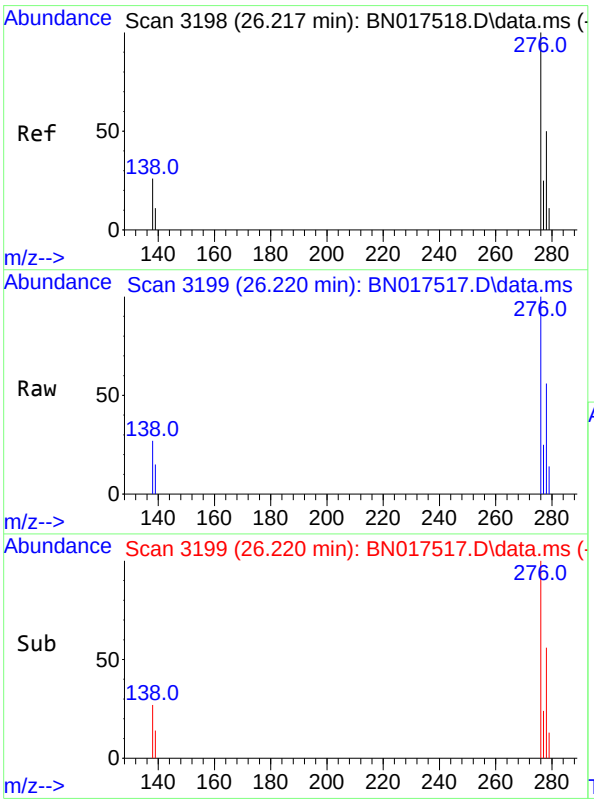
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.776 min Scan# 24
Delta R.T. -0.004 min
Lab File: BN017517.D
Acq: 19 Nov 2021 11:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:264 Resp: 98921

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.4	29.2
265	23.7	18.6	28.0

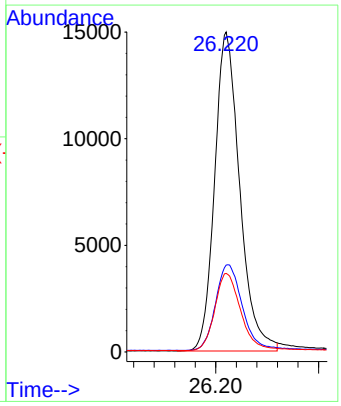


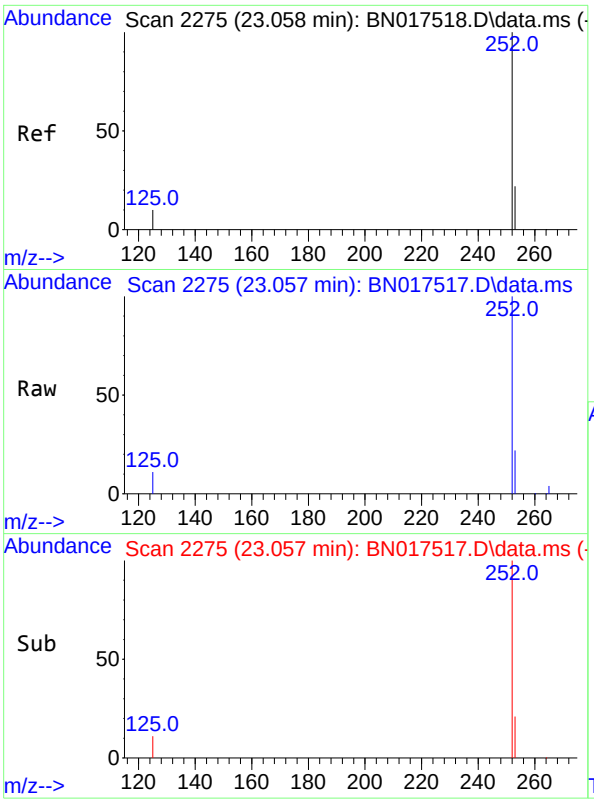


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.221 ng
RT: 26.220 min Scan# 3199
Delta R.T. 0.003 min
Lab File: BN017517.D
Acq: 19 Nov 2021 11:05

Tgt Ion:276 Resp: 50521

Ion	Ratio	Lower	Upper
276	100		
138	28.6	19.7	29.5
277	24.9	20.0	30.0



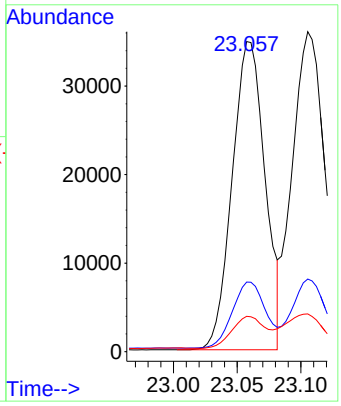


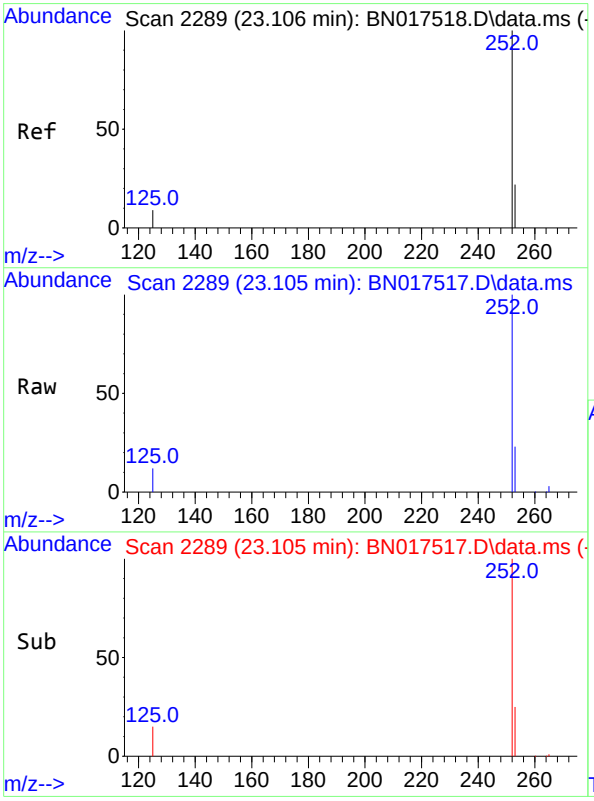
#37
Benzo(b)fluoranthene
Concen: 0.168 ng
RT: 23.057 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN017517.D
Acq: 19 Nov 2021 11:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 62468

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	11.4	7.8	11.8

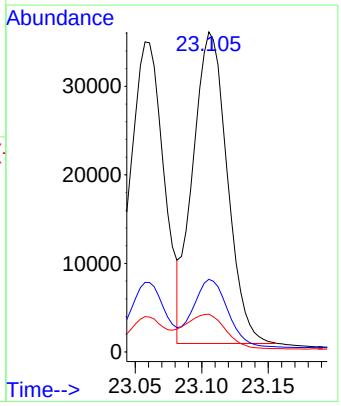


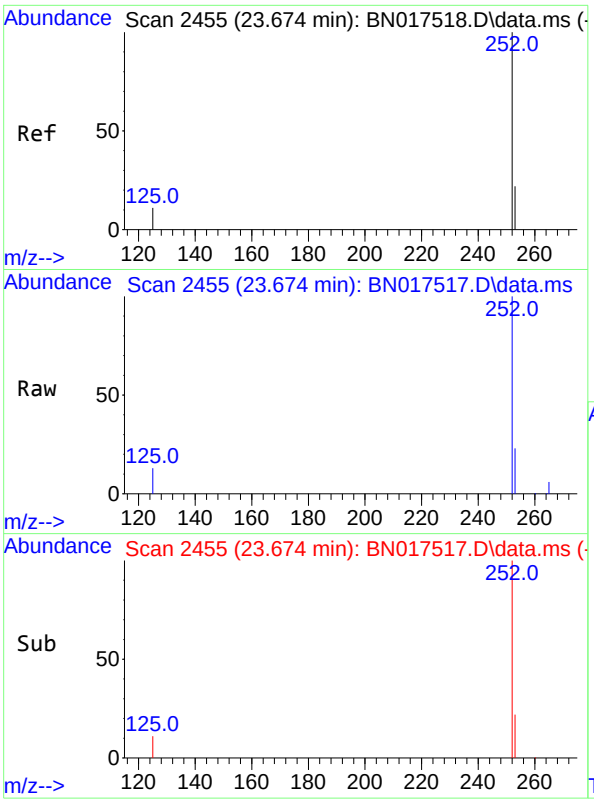


#38
Benzo(k)fluoranthene
Concen: 0.185 ng
RT: 23.105 min Scan# 2289
Delta R.T. -0.000 min
Lab File: BN017517.D
Acq: 19 Nov 2021 11:05

Tgt Ion:252 Resp: 63279

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.7	26.5
125	11.8	8.2	12.2



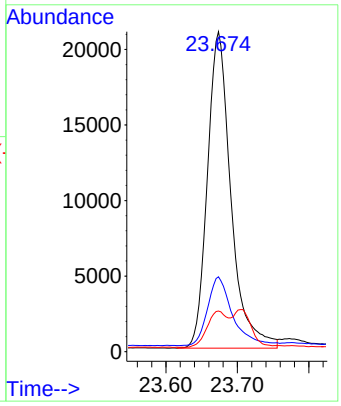


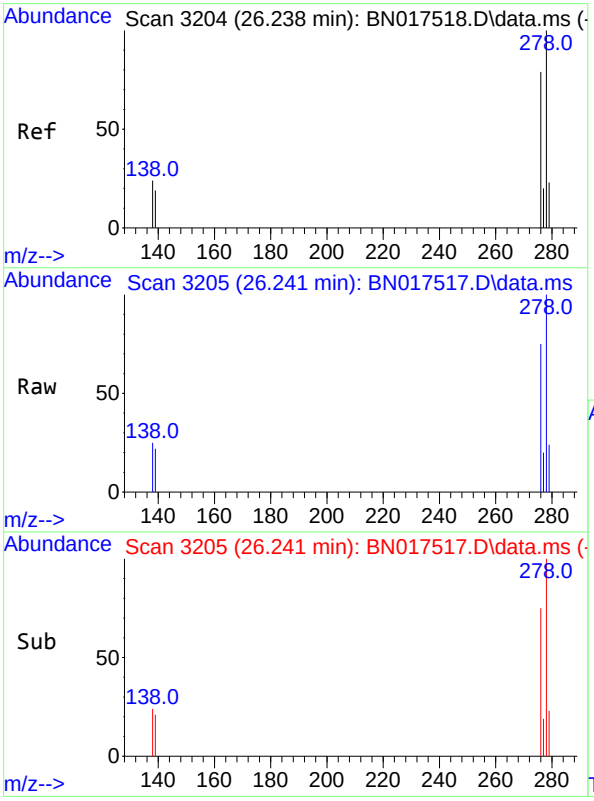
#39
Benzo(a)pyrene
Concen: 0.166 ng
RT: 23.674 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN017517.D
Acq: 19 Nov 2021 11:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 47936

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	12.7	9.2	13.8

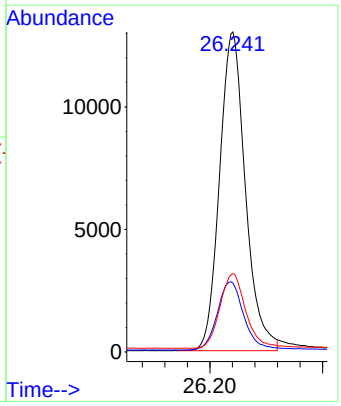


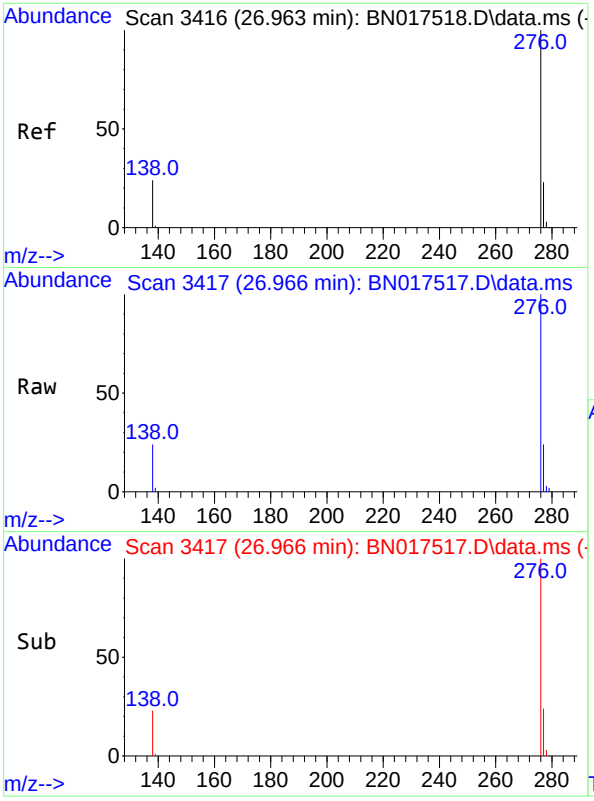


#40
Dibenzo(a,h)anthracene
Concen: 0.238 ng
RT: 26.241 min Scan# 3205
Delta R.T. 0.003 min
Lab File: BN017517.D
Acq: 19 Nov 2021 11:05

Tgt Ion:278 Resp: 41350

Ion	Ratio	Lower	Upper
278	100		
139	21.5	13.0	19.6#
279	24.5	19.2	28.8





#41
Benzo(g,h,i)perylene
Concen: 0.204 ng
RT: 26.966 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN017517.D
Acq: 19 Nov 2021 11:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 43777

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.0	28.4
138	23.8	17.1	25.7