Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111621\
Data File : BN017467.D
Acq On : 16 Nov 2021 09:30
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Nov 16 11:42:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN111621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 16 11:40:41 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.874	152	26091	0.400	ng	0.00
7) Naphthalene-d8	10.662	136	117814	0.400	ng	# 0.00
13) Acenaphthene-d10	14.498	164	61092	0.400	ng	0.00
19) Phenanthrene-d10	17.238	188	105383	0.400	ng	0.00
29) Chrysene-d12	21.420	240	82737	0.400	ng	# 0.00
35) Perylene-d12	23.801	264	60257	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.449	112	11250	0.187	ng	0.00
5) Phenol-d6	7.035	99	11921	0.180	ng	0.00
8) Nitrobenzene-d5	9.014	82	11880	0.168	ng	0.00
11) 2-Methylnaphthalene-d10	12.253	152	36157	0.208	ng	0.00
14) 2,4,6-Tribromophenol	15.983	330	2328	0.102	ng	0.00
15) 2-Fluorobiphenyl	13.128	172	42955	0.185	ng	0.00
27) Fluoranthene-d10	19.273	212	56239	0.209	ng	0.00
31) Terphenyl-d14	19.873	244	38591	0.209	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	1823	0.125	ng	# 67
3) n-Nitrosodimethylamine	3.725	42	3527	0.157	ng	# 1
6) bis(2-Chloroethyl)ether	7.293	93	13630	0.195	ng	95
9) Naphthalene	10.712	128	55963	0.180	ng	99
10) Hexachlorobutadiene	11.016	225	11455	0.188	ng	# 100
12) 2-Methylnaphthalene	12.324	142	35559	0.174	ng	98
16) Acenaphthylene	14.207	152	36362	0.146	ng	100
17) Acenaphthene	14.562	154	30047	0.175	ng	99
18) Fluorene	15.539	166	34281	0.167	ng	100
20) 4,6-Dinitro-2-methylph...	15.615	198	317	0.029	ng	# 50
21) 4-Bromophenyl-phenylether	16.435	248	10465	0.177	ng	# 75
22) Hexachlorobenzene	16.556	284	12253	0.185	ng	95
23) Atrazine	16.703	200	5528	0.139	ng	# 93
24) Pentachlorophenol	16.897	266	1885	0.081	ng	99
25) Phenanthrene	17.274	178	53238	0.176	ng	100
26) Anthracene	17.372	178	40141	0.160	ng	100
28) Fluoranthene	19.303	202	56184	0.172	ng	100
30) Pyrene	19.660	202	55741	0.209	ng	100
32) Benzo(a)anthracene	21.409	228	45410	0.181	ng	100
33) Chrysene	21.462	228	47121	0.176	ng	100
34) Bis(2-ethylhexyl)phtha...	21.346	149	20879	0.236	ng	98
36) Indeno(1,2,3-cd)pyrene	26.258	276	21726	0.103	ng	98
37) Benzo(b)fluoranthene	23.078	252	39586	0.201	ng	# 93
38) Benzo(k)fluoranthene	23.126	252	38021	0.193	ng	# 91
39) Benzo(a)pyrene	23.698	252	29422	0.169	ng	# 90
40) Dibenzo(a,h)anthracene	26.279	278	16224	0.096	ng	# 87
41) Benzo(g,h,i)perylene	27.005	276	21421	0.117	ng	96

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

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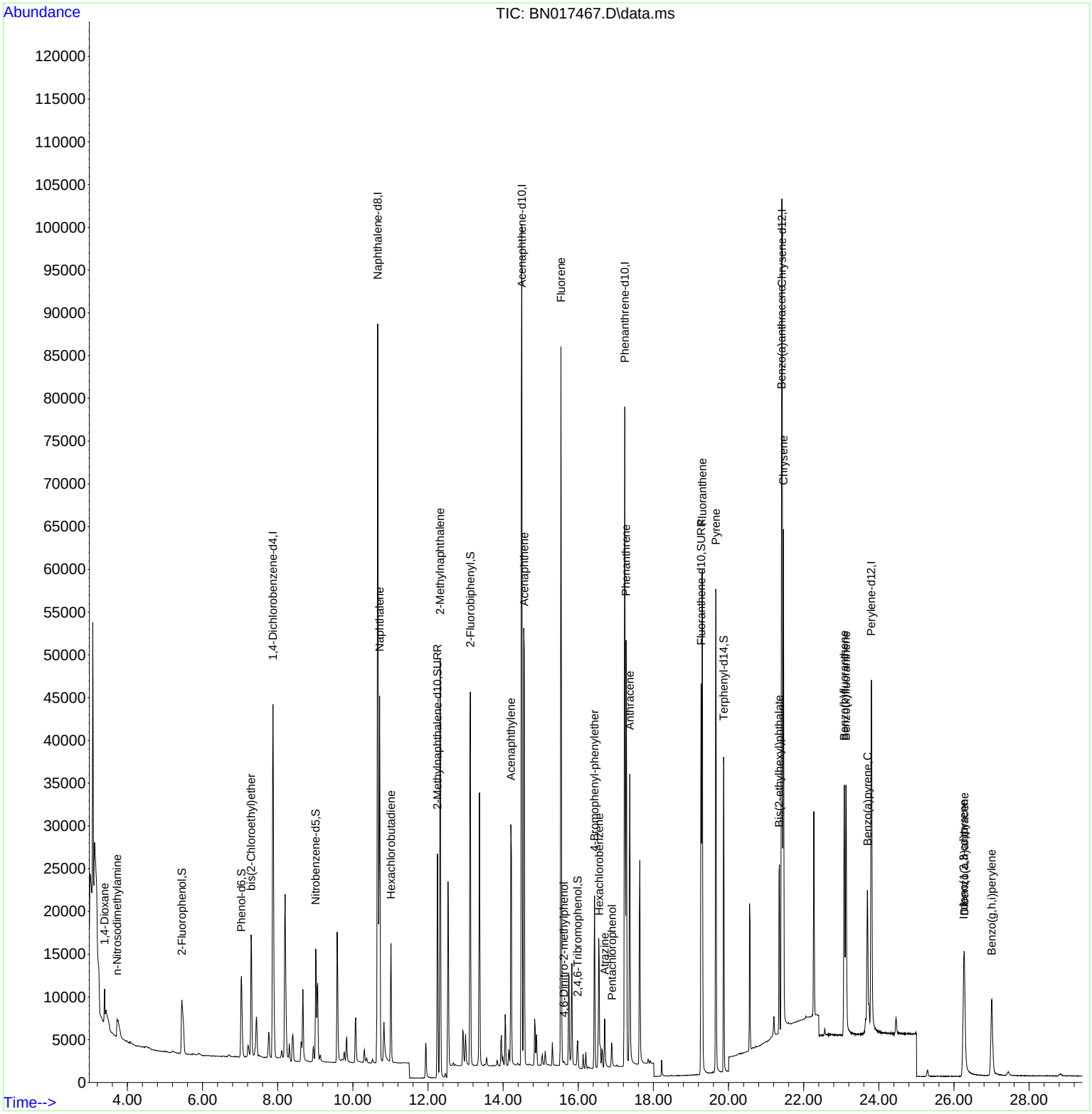
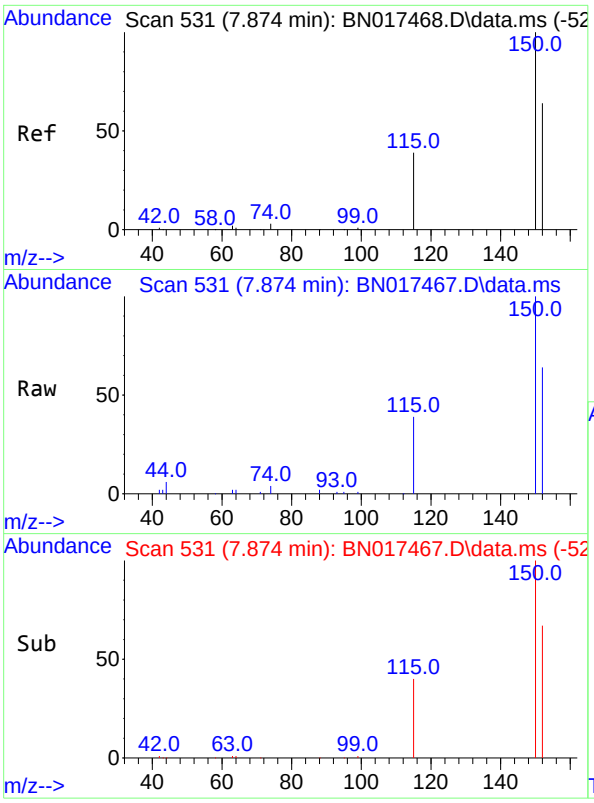
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Nov 16 11:42:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN111621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 16 11:40:41 2021
Response via : Initial Calibration



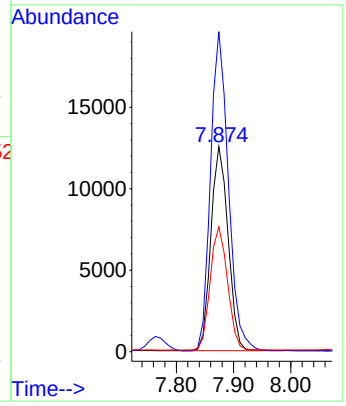


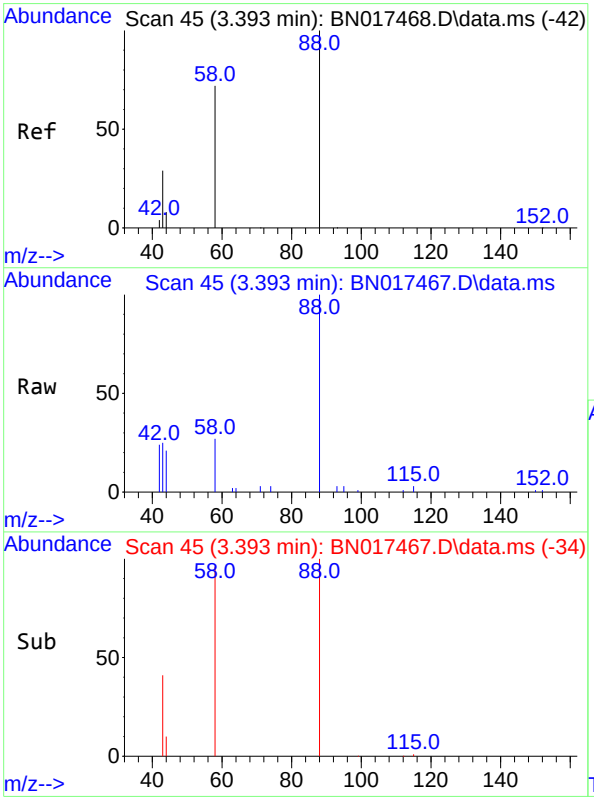
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.874 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN017467.D
Acq: 16 Nov 2021 09:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 26091

Ion	Ratio	Lower	Upper
152	100		
150	156.0	123.0	184.4
115	60.8	45.6	68.4

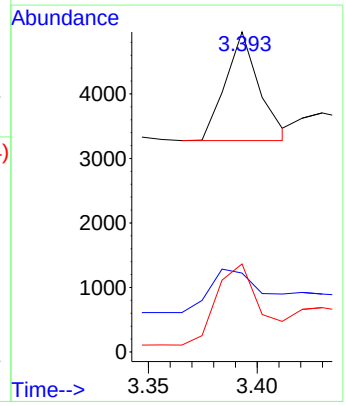


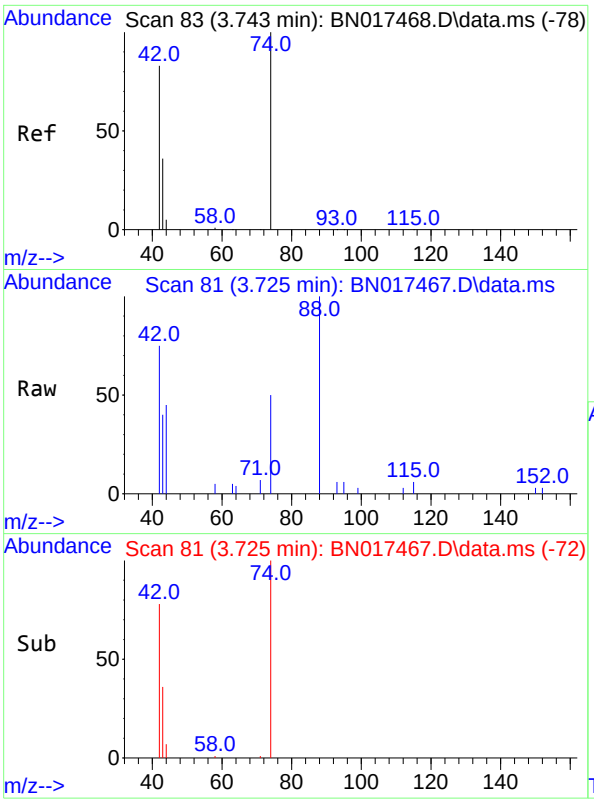


#2
1,4-Dioxane
Concen: 0.125 ng
RT: 3.393 min Scan# 45
Delta R.T. 0.000 min
Lab File: BN017467.D
Acq: 16 Nov 2021 09:30

Tgt Ion: 88 Resp: 1823

Ion	Ratio	Lower	Upper
88	100		
43	62.6	24.7	37.1#
58	98.7	63.0	94.6#



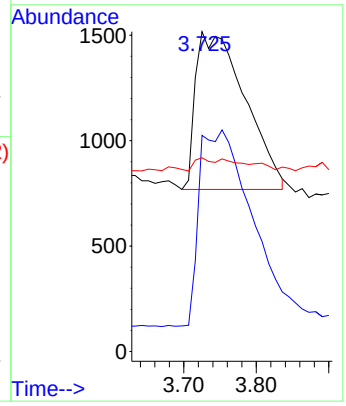


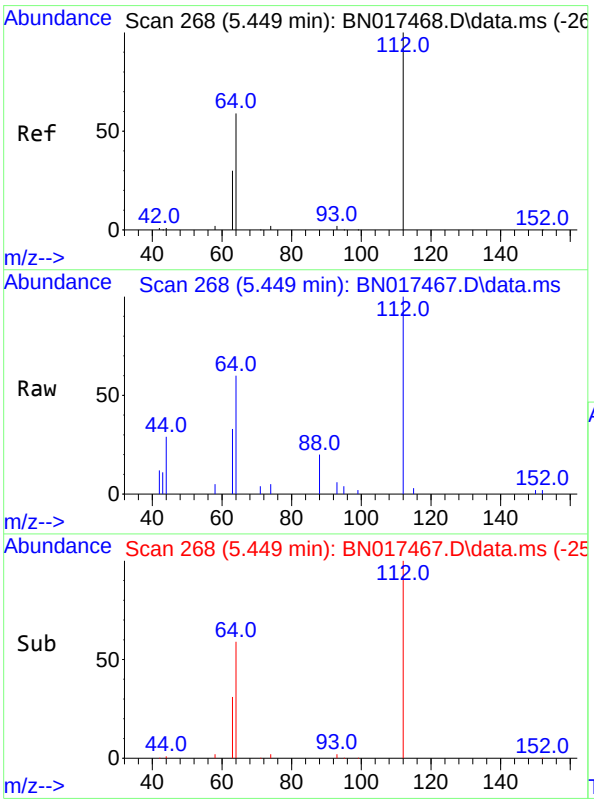
#3
n-Nitrosodimethylamine
Concen: 0.157 ng
RT: 3.725 min Scan# 8
Delta R.T. -0.018 min
Lab File: BN017467.D
Acq: 16 Nov 2021 09:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 3527

Ion	Ratio	Lower	Upper
42	100		
74	0.0	97.8	146.6#
44	3.2	5.5	8.3#

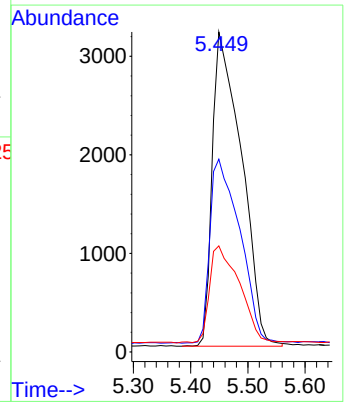


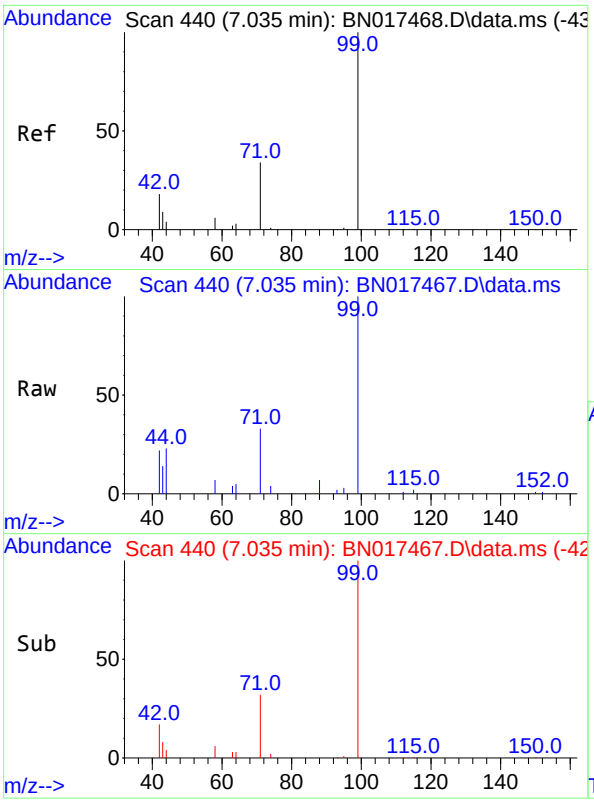


#4
2-Fluorophenol
Concen: 0.187 ng
RT: 5.449 min Scan# 268
Delta R.T. 0.000 min
Lab File: BN017467.D
Acq: 16 Nov 2021 09:30

Tgt Ion:112 Resp: 11250

Ion	Ratio	Lower	Upper
112	100		
64	60.3	47.6	71.4
63	31.9	24.6	37.0



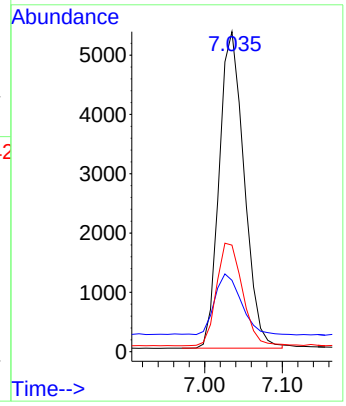


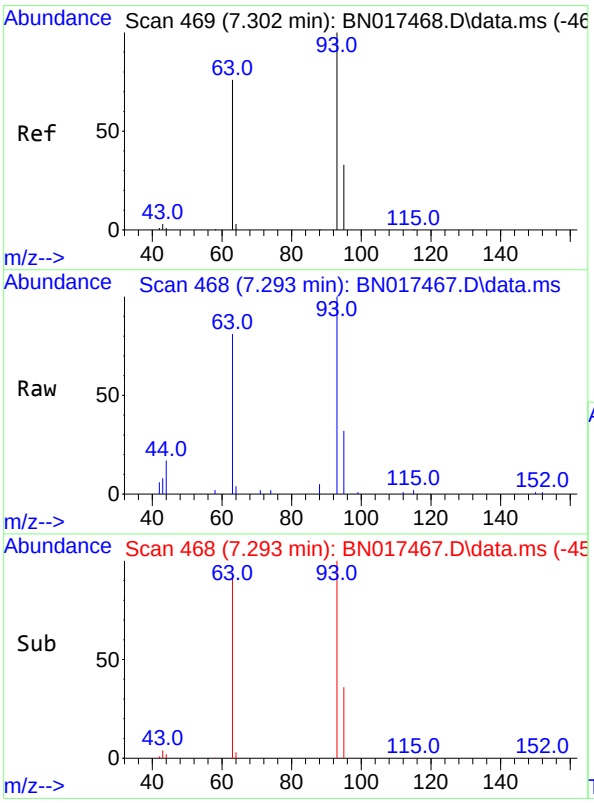
#5
Phenol-d6
Concen: 0.180 ng
RT: 7.035 min Scan# 44
Delta R.T. 0.000 min
Lab File: BN017467.D
Acq: 16 Nov 2021 09:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 11921

Ion	Ratio	Lower	Upper
99	100		
42	19.7	17.0	25.6
71	33.5	24.8	37.2

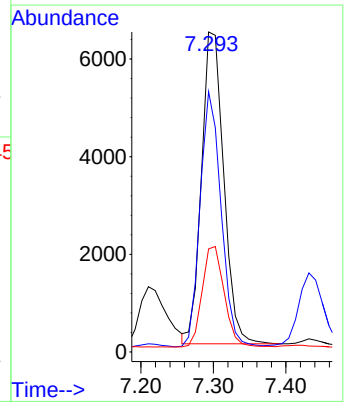


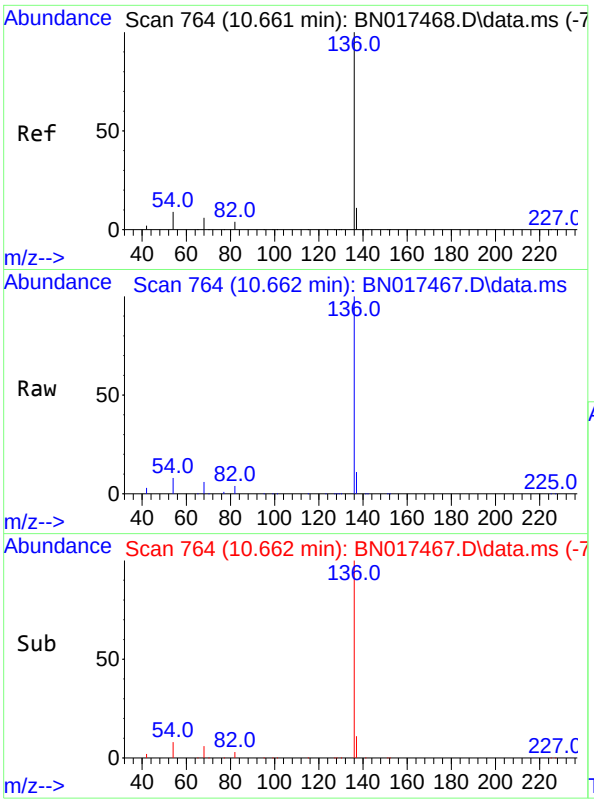


#6
bis(2-Chloroethyl)ether
Concen: 0.195 ng
RT: 7.293 min Scan# 468
Delta R.T. -0.009 min
Lab File: BN017467.D
Acq: 16 Nov 2021 09:30

Tgt Ion: 93 Resp: 13630

Ion	Ratio	Lower	Upper
93	100		
63	77.2	65.8	98.6
95	32.0	26.6	39.8



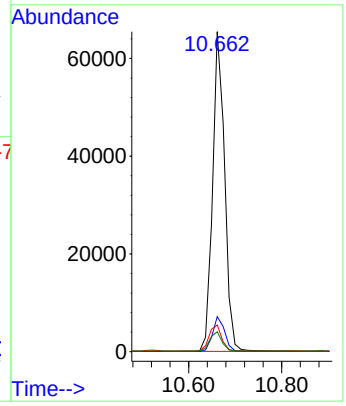


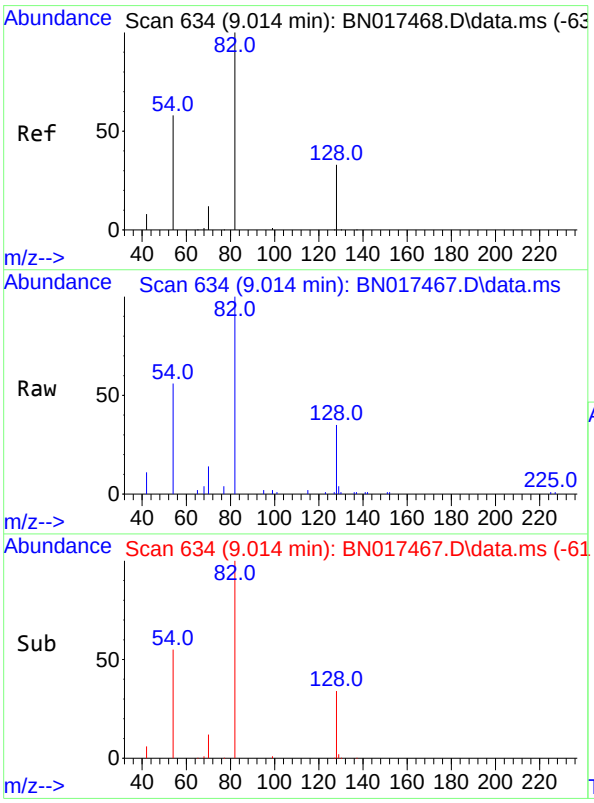
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.662 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN017467.D
Acq: 16 Nov 2021 09:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 117814

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.4	4.0	6.0#
68	6.2	3.0	4.6#

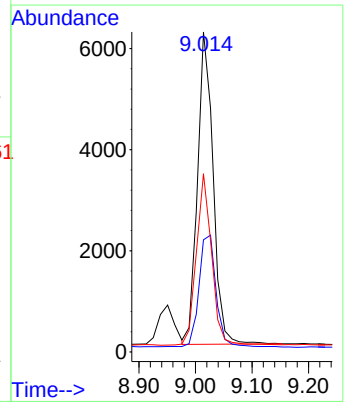


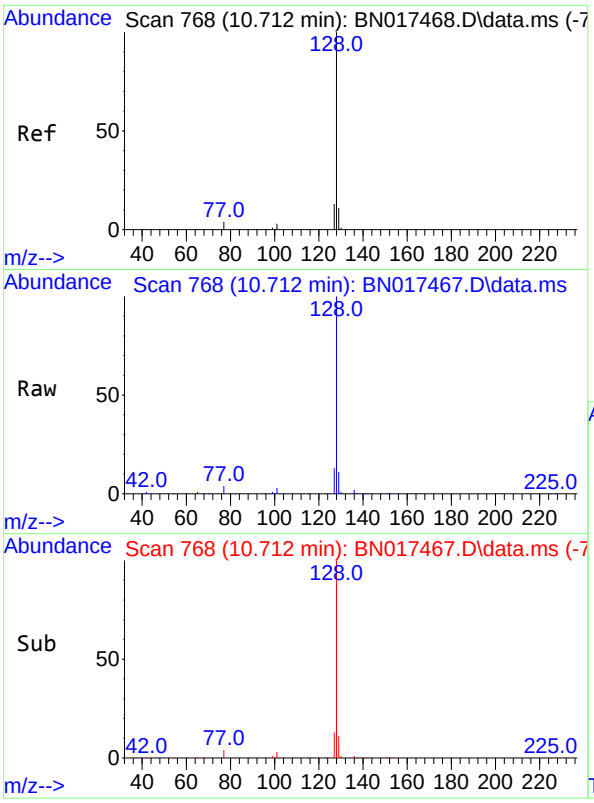


#8
Nitrobenzene-d5
Concen: 0.168 ng
RT: 9.014 min Scan# 634
Delta R.T. 0.000 min
Lab File: BN017467.D
Acq: 16 Nov 2021 09:30

Tgt Ion: 82 Resp: 11880

Ion	Ratio	Lower	Upper
82	100		
128	35.0	27.7	41.5
54	55.7	49.2	73.8



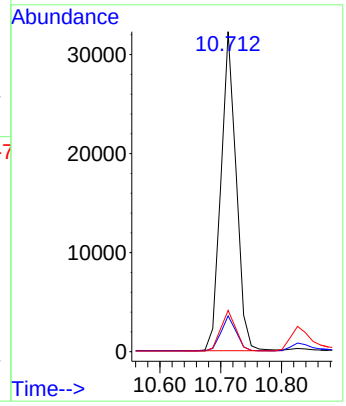


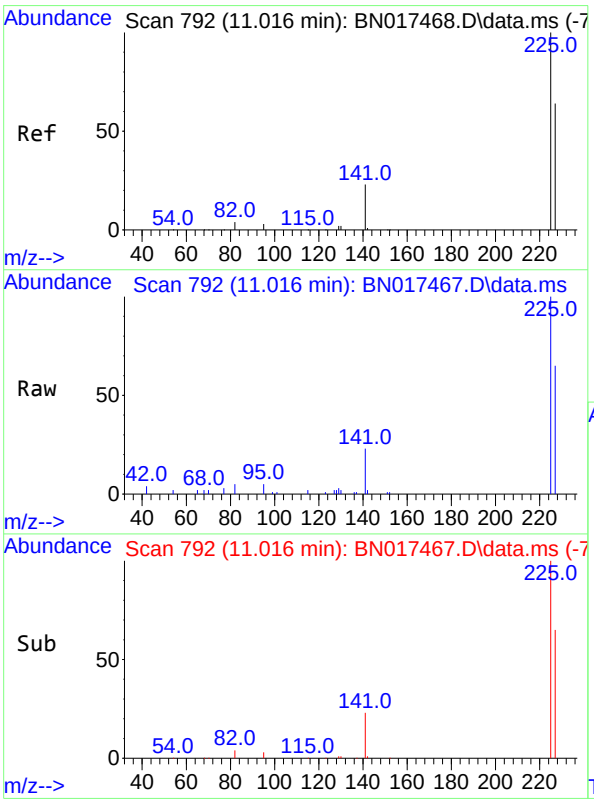
#9
Naphthalene
Concen: 0.180 ng
RT: 10.712 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN017467.D
Acq: 16 Nov 2021 09:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 55963

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	12.9	10.6	15.8

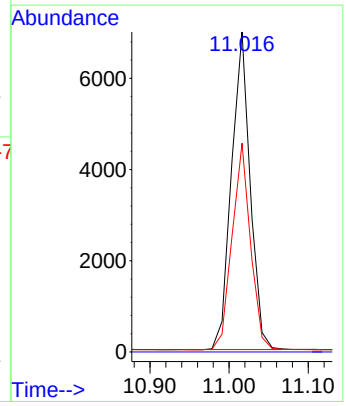


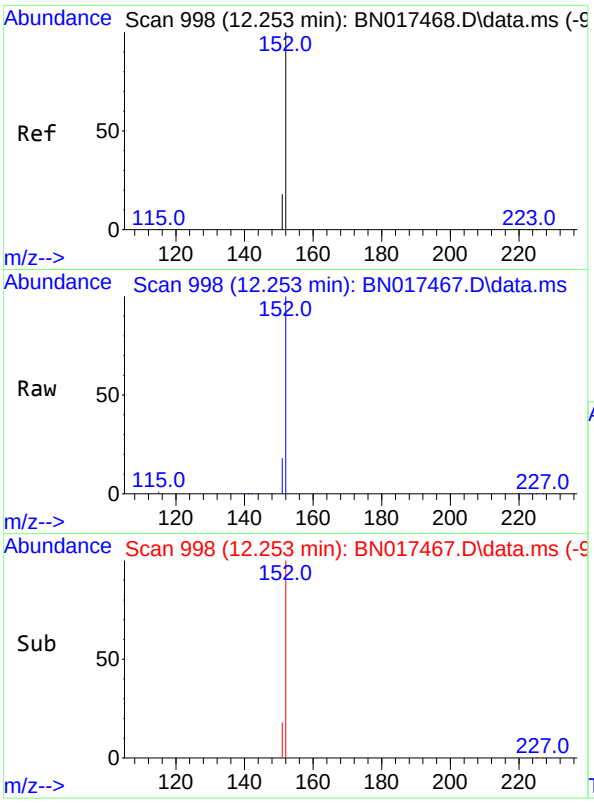


#10
Hexachlorobutadiene
Concen: 0.188 ng
RT: 11.016 min Scan# 792
Delta R.T. 0.000 min
Lab File: BN017467.D
Acq: 16 Nov 2021 09:30

Tgt Ion:225 Resp: 11455

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.2	51.1	76.7



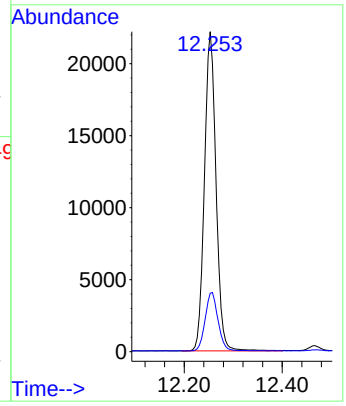


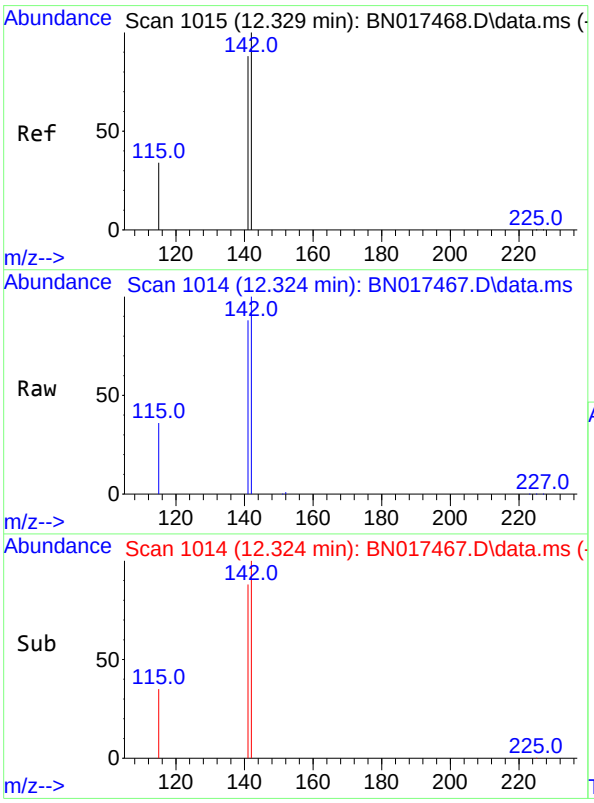
#11
2-Methylnaphthalene-d10
Concen: 0.208 ng
RT: 12.253 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN017467.D
Acq: 16 Nov 2021 09:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 36157

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4

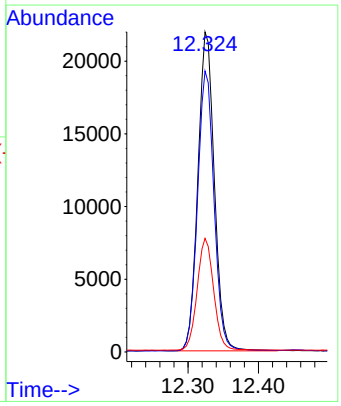


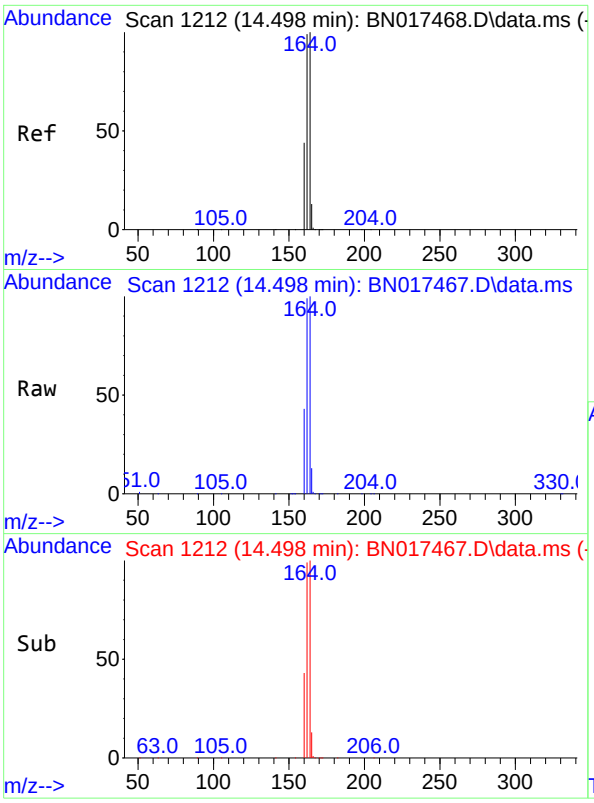


#12
2-Methylnaphthalene
Concen: 0.174 ng
RT: 12.324 min Scan# 1014
Delta R.T. -0.004 min
Lab File: BN017467.D
Acq: 16 Nov 2021 09:30

Tgt Ion:142 Resp: 35559

Ion	Ratio	Lower	Upper
142	100		
141	87.8	70.6	106.0
115	35.5	25.8	38.6



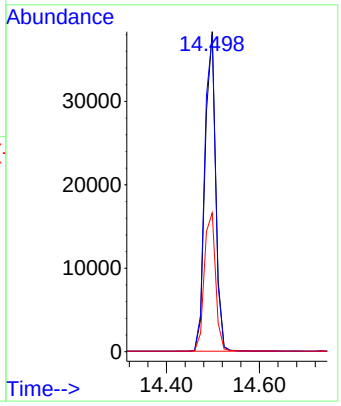


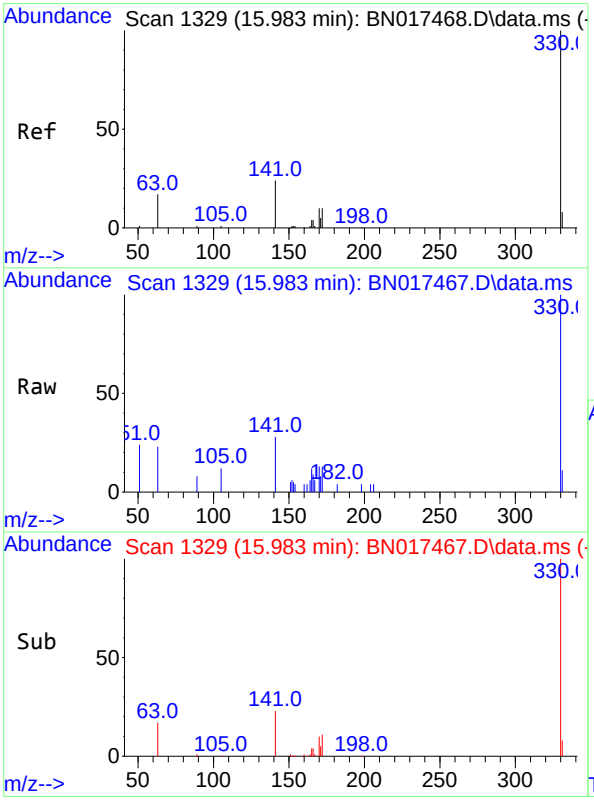
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.498 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017467.D
Acq: 16 Nov 2021 09:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 61092

Ion	Ratio	Lower	Upper
164	100		
162	98.9	81.4	122.2
160	43.4	36.8	55.2

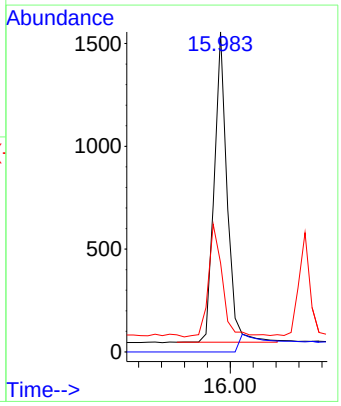


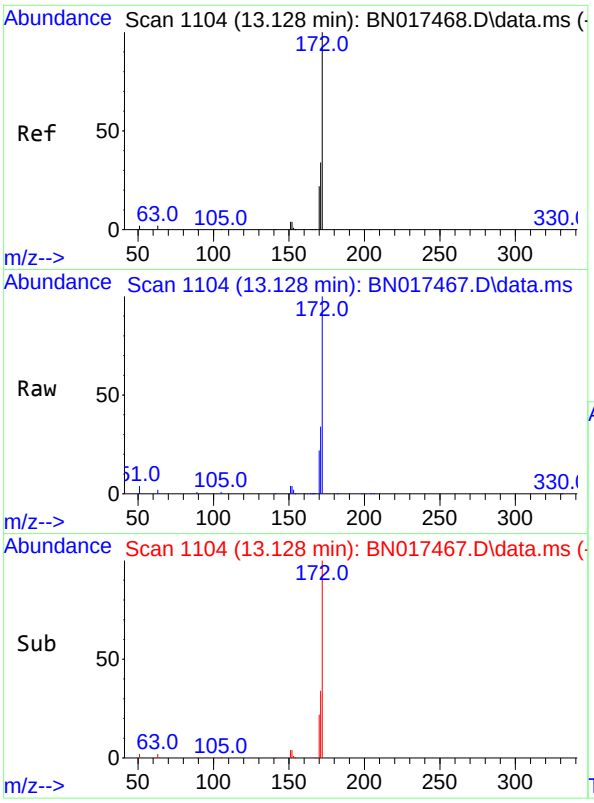


#14
2,4,6-Tribromophenol
Concen: 0.102 ng
RT: 15.983 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BN017467.D
Acq: 16 Nov 2021 09:30

Tgt Ion:330 Resp: 2328

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	39.6	28.9	43.3



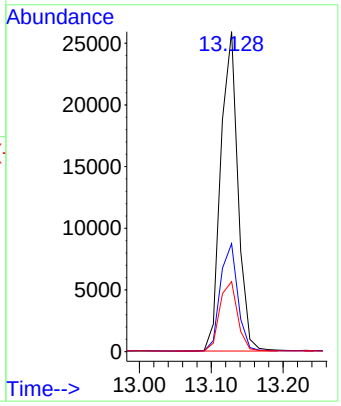


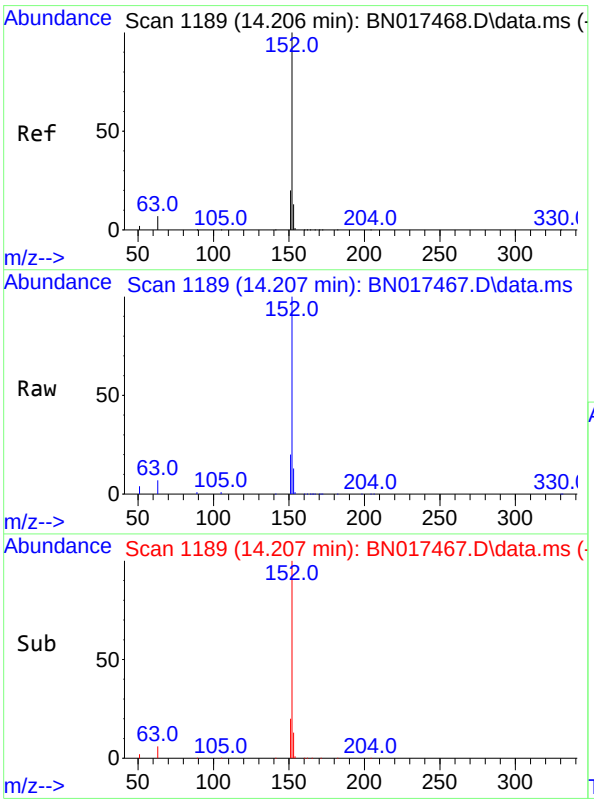
#15
2-Fluorobiphenyl
Concen: 0.185 ng
RT: 13.128 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017467.D
Acq: 16 Nov 2021 09:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 42955

Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.7	43.1
170	21.9	19.4	29.2

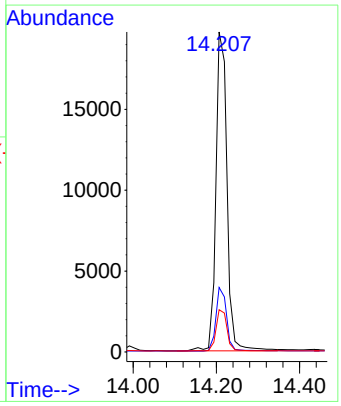


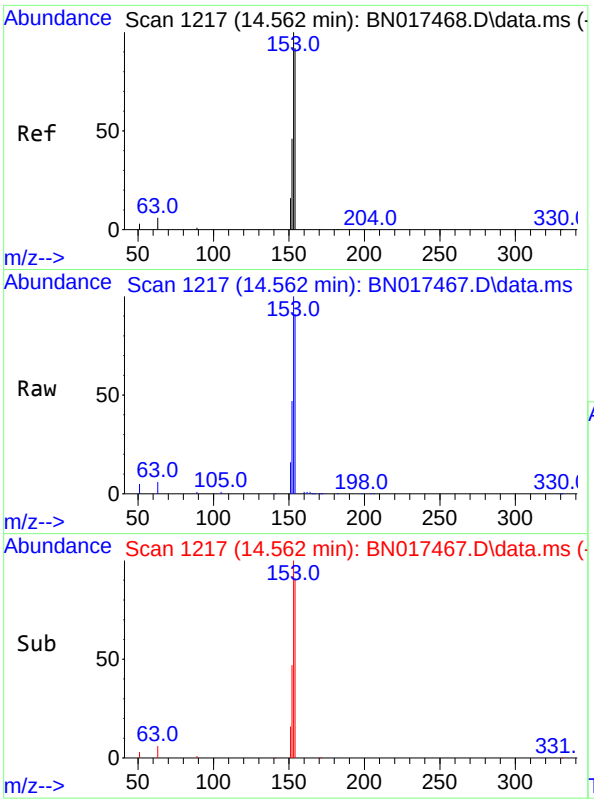


#16
Acenaphthylene
Concen: 0.146 ng
RT: 14.207 min Scan# 1189
Delta R.T. 0.000 min
Lab File: BN017467.D
Acq: 16 Nov 2021 09:30

Tgt Ion:152 Resp: 36362

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3
153	13.0	10.4	15.6



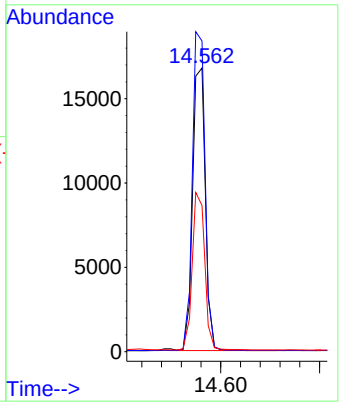


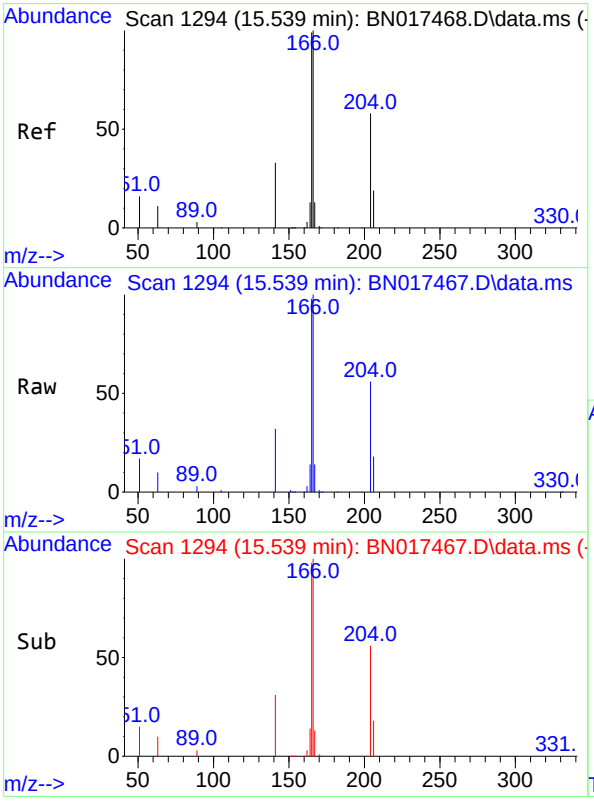
#17
Acenaphthene
Concen: 0.175 ng
RT: 14.562 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017467.D
Acq: 16 Nov 2021 09:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 30047

Ion	Ratio	Lower	Upper
154	100		
153	112.8	91.2	136.8
152	54.7	44.3	66.5

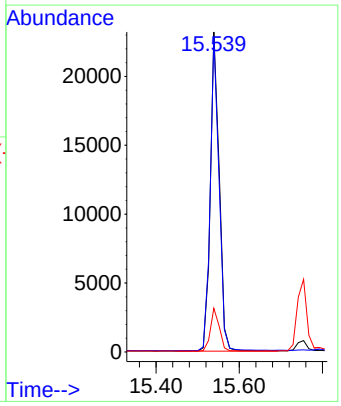


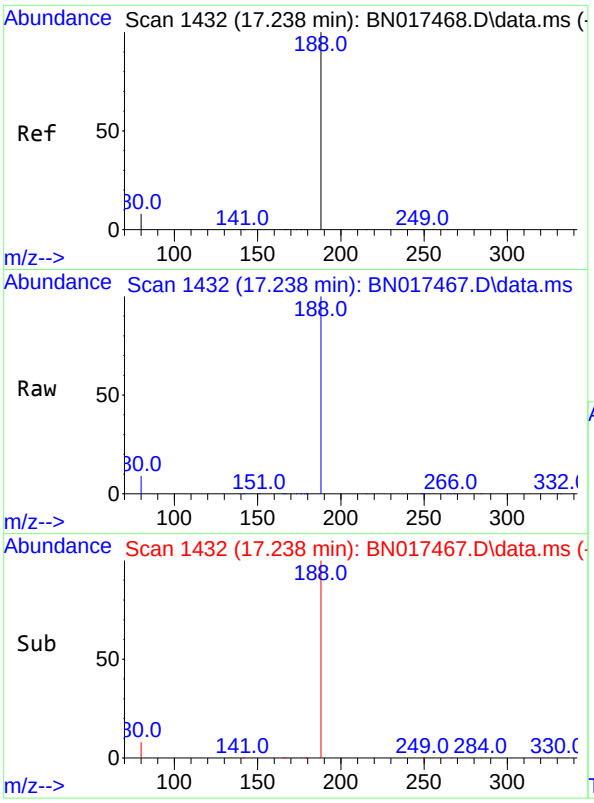


#18
Fluorene
Concen: 0.167 ng
RT: 15.539 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BN017467.D
Acq: 16 Nov 2021 09:30

Tgt Ion:166 Resp: 34281

Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.9	116.9
167	13.4	10.9	16.3



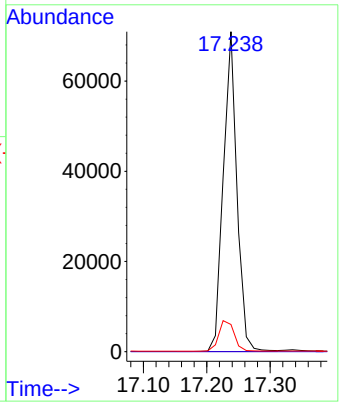


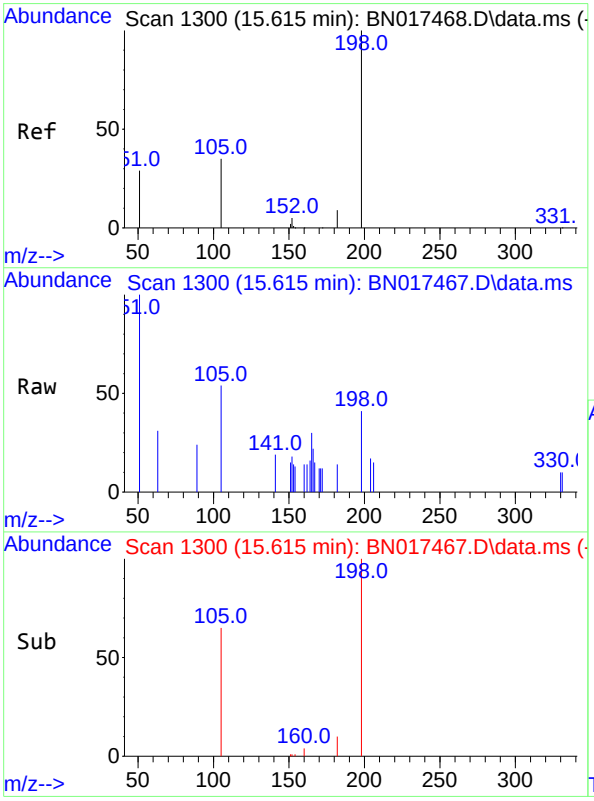
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.238 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN017467.D
Acq: 16 Nov 2021 09:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 105383

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.5	6.1	9.1

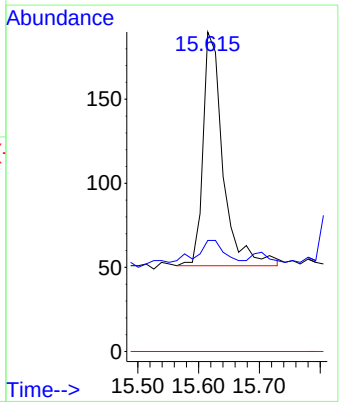


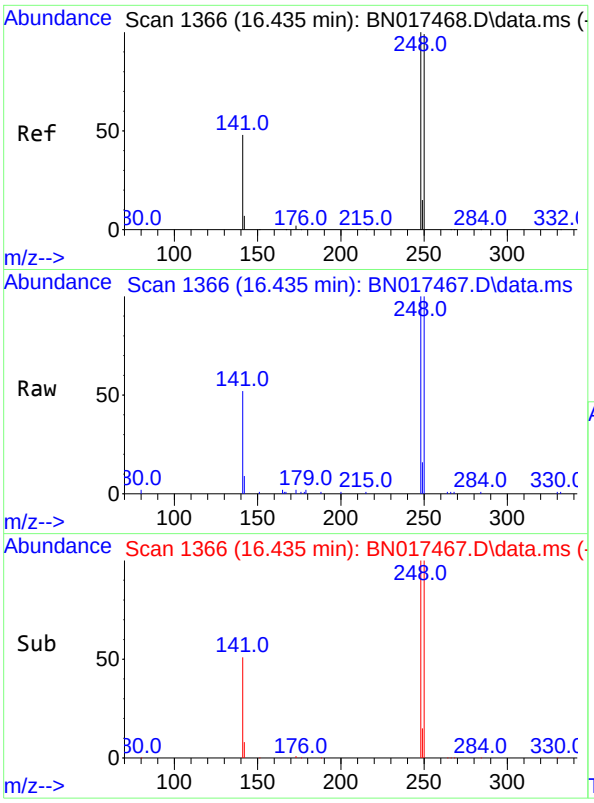


#20
4,6-Dinitro-2-methylphenol
Concen: 0.029 ng
RT: 15.615 min Scan# 1300
Delta R.T. 0.000 min
Lab File: BN017467.D
Acq: 16 Nov 2021 09:30

Tgt Ion:198 Resp: 317

Ion	Ratio	Lower	Upper
198	100		
182	34.7	11.4	17.2#
77	0.0	0.0	0.0



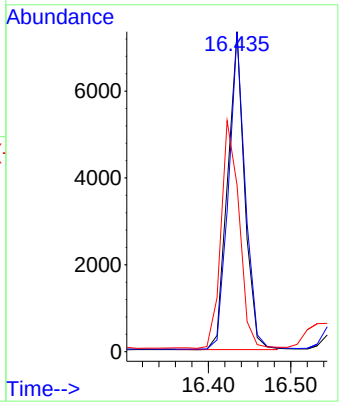


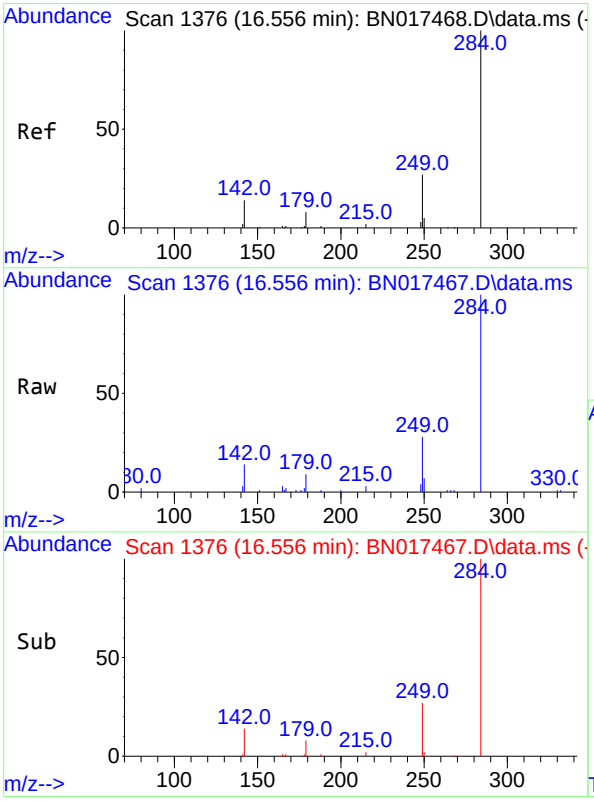
#21
4-Bromophenyl-phenylether
Concen: 0.177 ng
RT: 16.435 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017467.D
Acq: 16 Nov 2021 09:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:248 Resp: 10465

Ion	Ratio	Lower	Upper
248	100		
250	99.8	71.8	107.8
141	52.1	70.9	106.3#

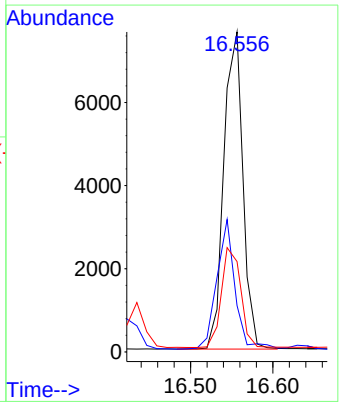


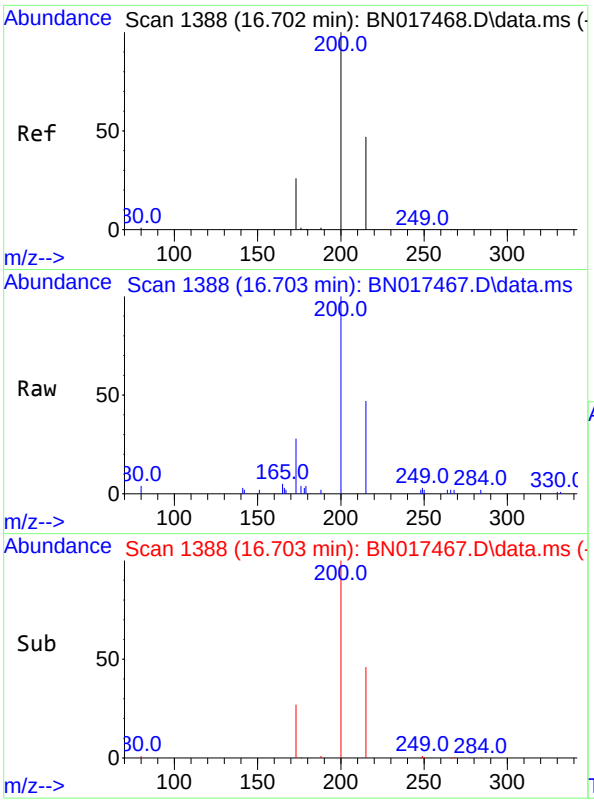


#22
Hexachlorobenzene
Concen: 0.185 ng
RT: 16.556 min Scan# 1376
Delta R.T. 0.000 min
Lab File: BN017467.D
Acq: 16 Nov 2021 09:30

Tgt Ion:284 Resp: 12253

Ion	Ratio	Lower	Upper
284	100		
142	39.0	28.2	42.2
249	31.8	24.4	36.6



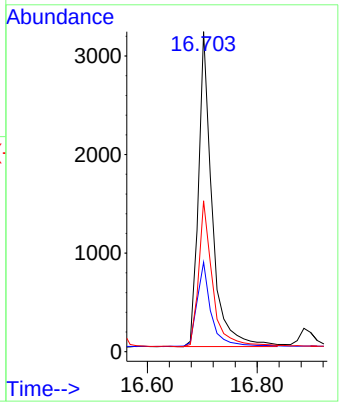


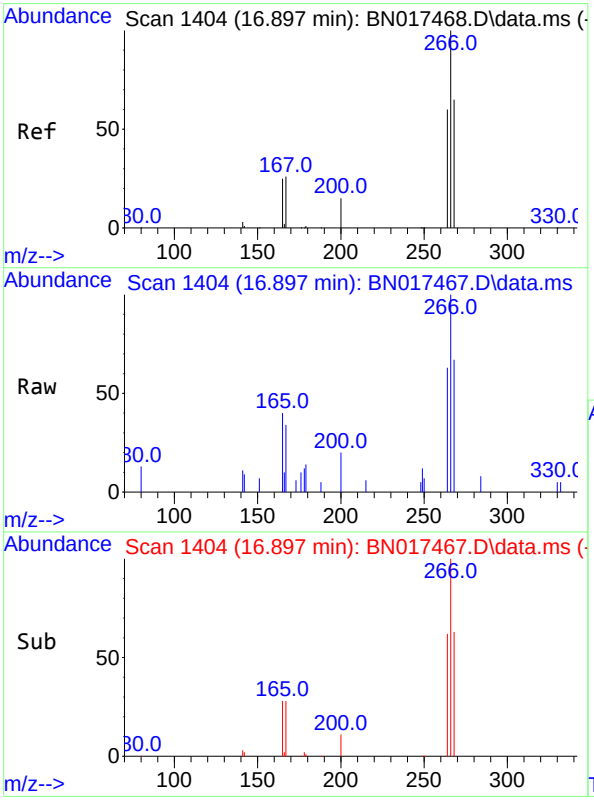
#23
Atrazine
Concen: 0.139 ng
RT: 16.703 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017467.D
Acq: 16 Nov 2021 09:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:200 Resp: 5528

Ion	Ratio	Lower	Upper
200	100		
173	28.0	17.6	26.4#
215	47.2	40.2	60.4

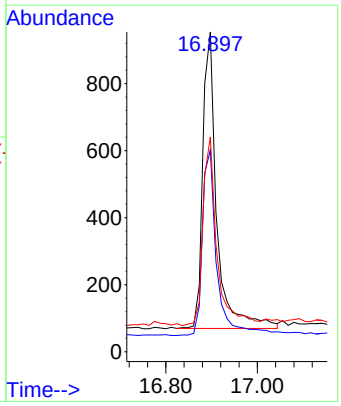


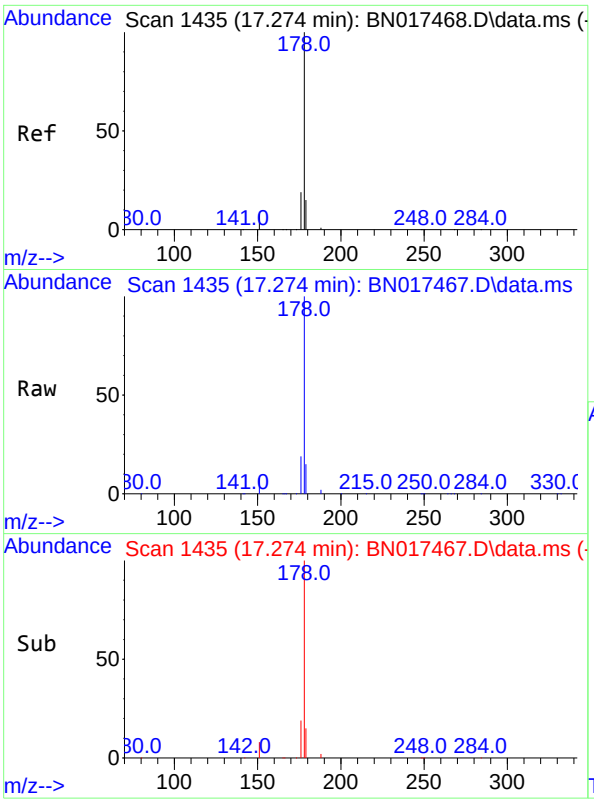


#24
Pentachlorophenol
Concen: 0.081 ng
RT: 16.897 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BN017467.D
Acq: 16 Nov 2021 09:30

Tgt Ion:266 Resp: 1885

Ion	Ratio	Lower	Upper
266	100		
264	63.9	49.8	74.8
268	63.6	51.3	76.9



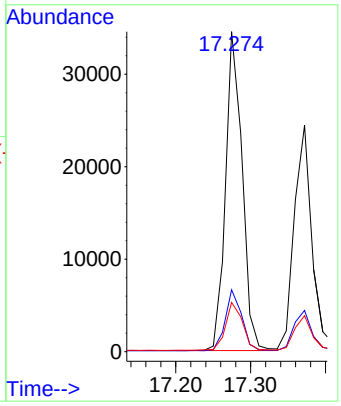


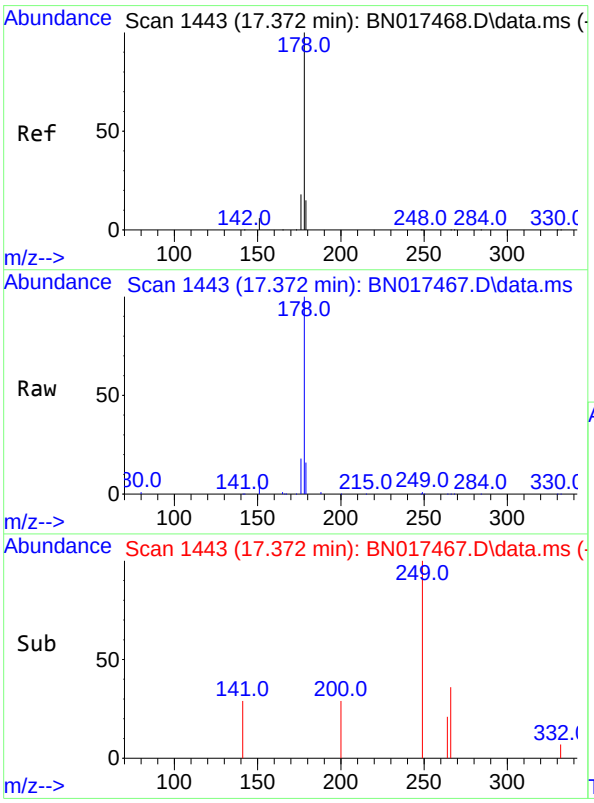
#25
Phenanthrene
Concen: 0.176 ng
RT: 17.274 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN017467.D
Acq: 16 Nov 2021 09:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 53238

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	15.5	12.3	18.5

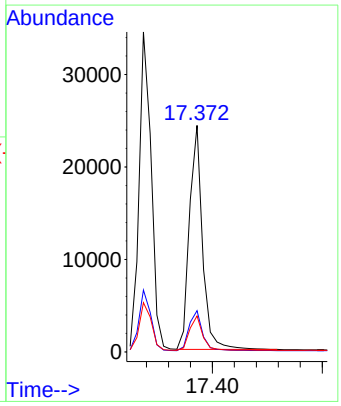


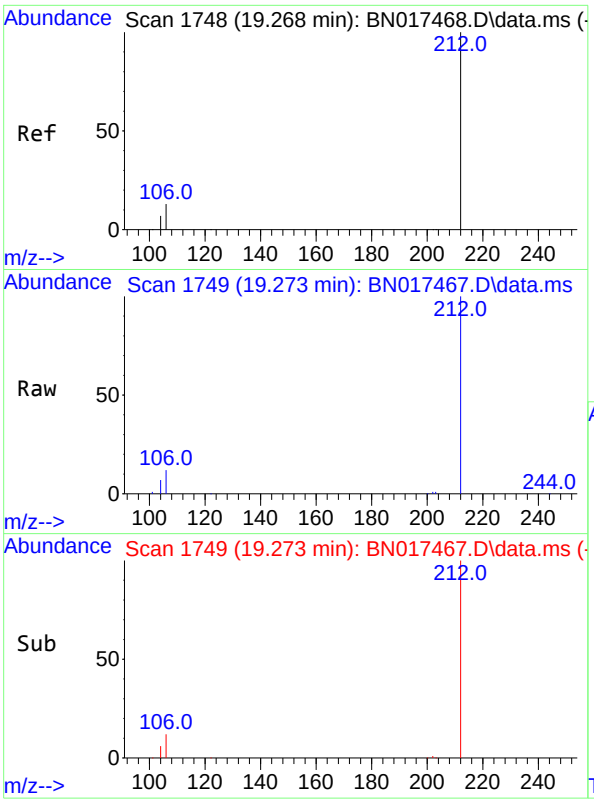


#26
Anthracene
Concen: 0.160 ng
RT: 17.372 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BN017467.D
Acq: 16 Nov 2021 09:30

Tgt Ion:178 Resp: 40141

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	22.0
179	15.5	12.2	18.4



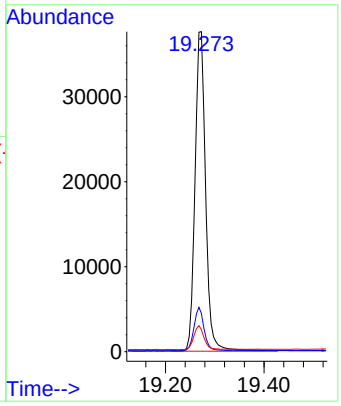


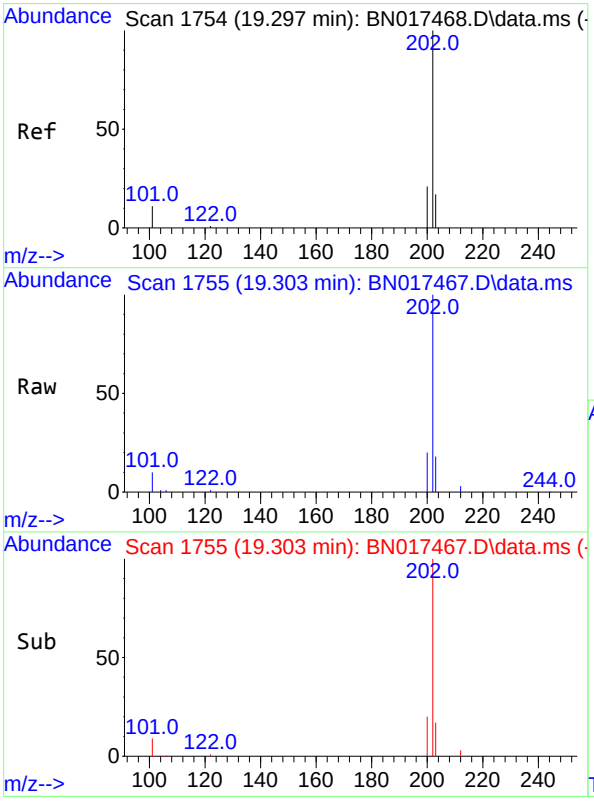
#27
Fluoranthene-d10
Concen: 0.209 ng
RT: 19.273 min Scan# 1
Delta R.T. 0.005 min
Lab File: BN017467.D
Acq: 16 Nov 2021 09:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 56239

Ion	Ratio	Lower	Upper
212	100		
106	12.8	10.5	15.7
104	7.1	5.8	8.6

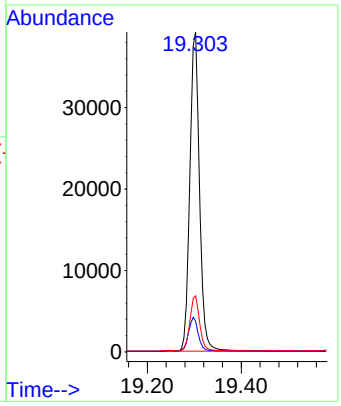


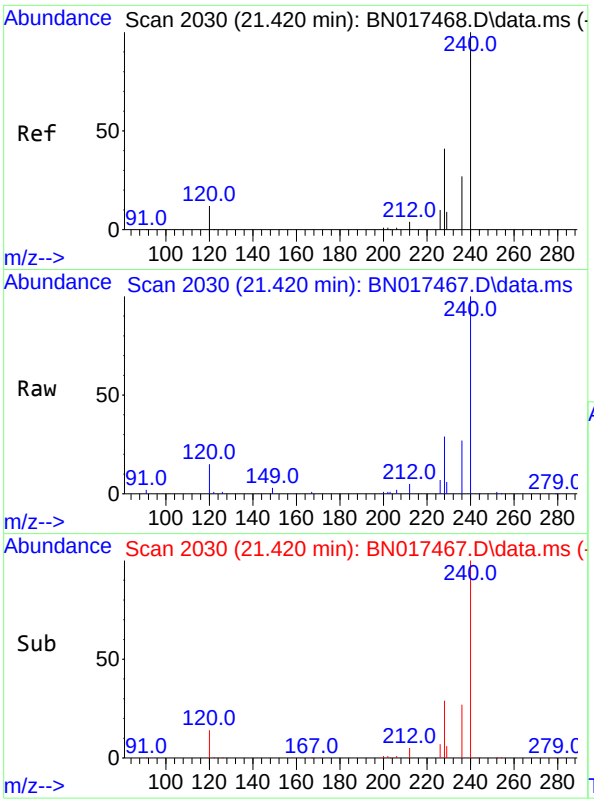


#28
Fluoranthene
Concen: 0.172 ng
RT: 19.303 min Scan# 1755
Delta R.T. 0.005 min
Lab File: BN017467.D
Acq: 16 Nov 2021 09:30

Tgt Ion:202 Resp: 56184

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.9	13.3
203	17.1	13.8	20.6



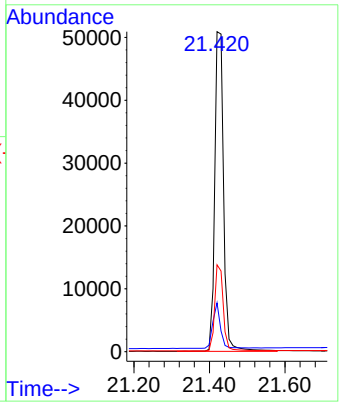


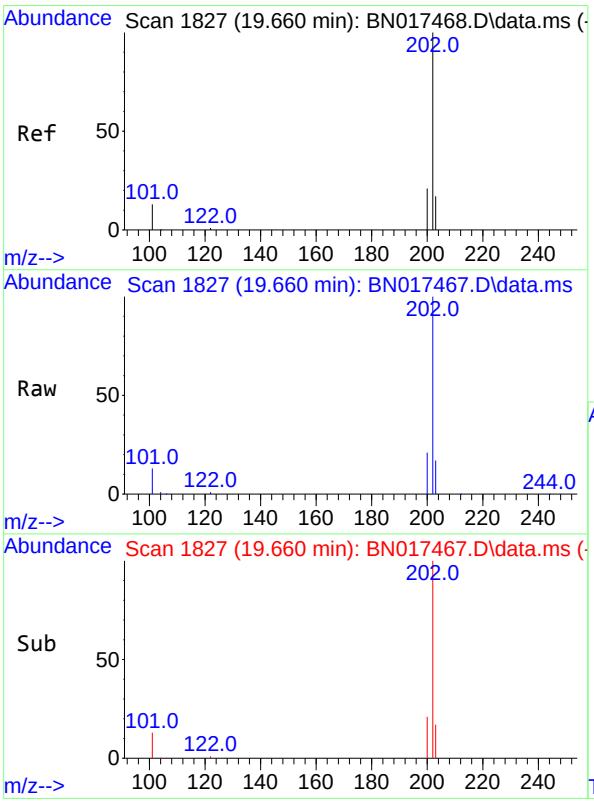
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.420 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BN017467.D
Acq: 16 Nov 2021 09:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 82737

Ion	Ratio	Lower	Upper
240	100		
120	15.3	4.2	6.2#
236	27.2	20.0	30.0

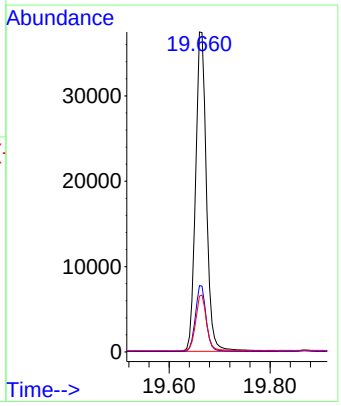


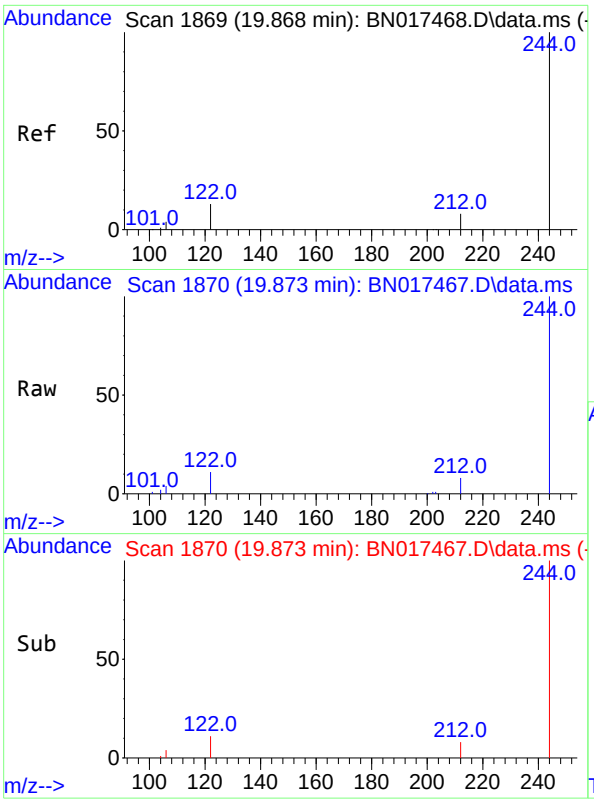


#30
Pyrene
Concen: 0.209 ng
RT: 19.660 min Scan# 1827
Delta R.T. 0.000 min
Lab File: BN017467.D
Acq: 16 Nov 2021 09:30

Tgt Ion:202 Resp: 55741

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.5	24.7
203	17.6	14.0	21.0



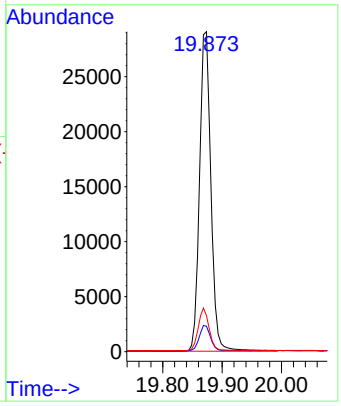


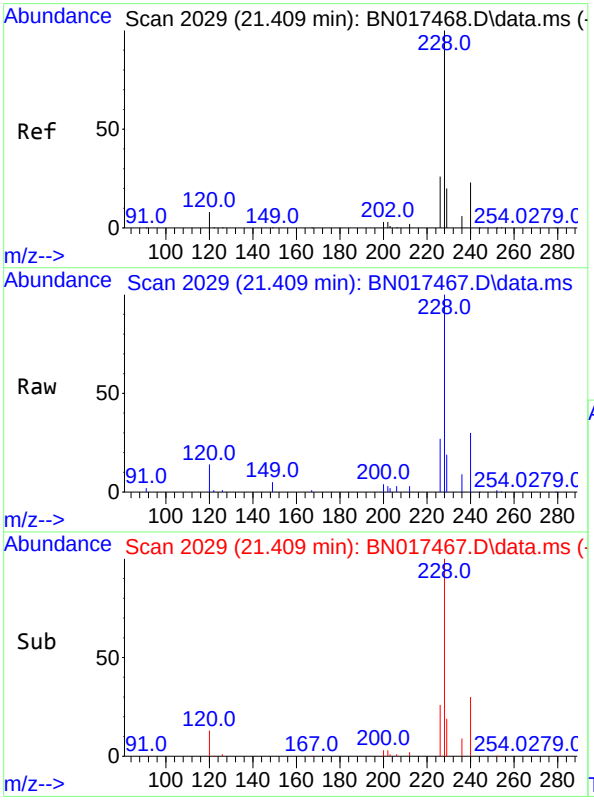
#31
Terphenyl-d14
Concen: 0.209 ng
RT: 19.873 min Scan# 1
Delta R.T. 0.005 min
Lab File: BN017467.D
Acq: 16 Nov 2021 09:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 38591

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.7	8.5
122	11.2	8.6	13.0

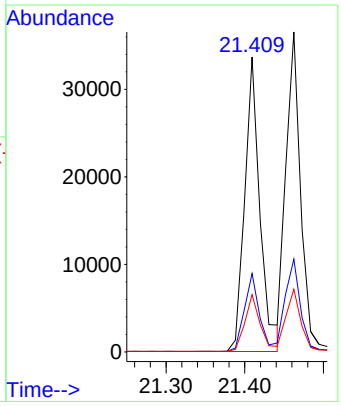


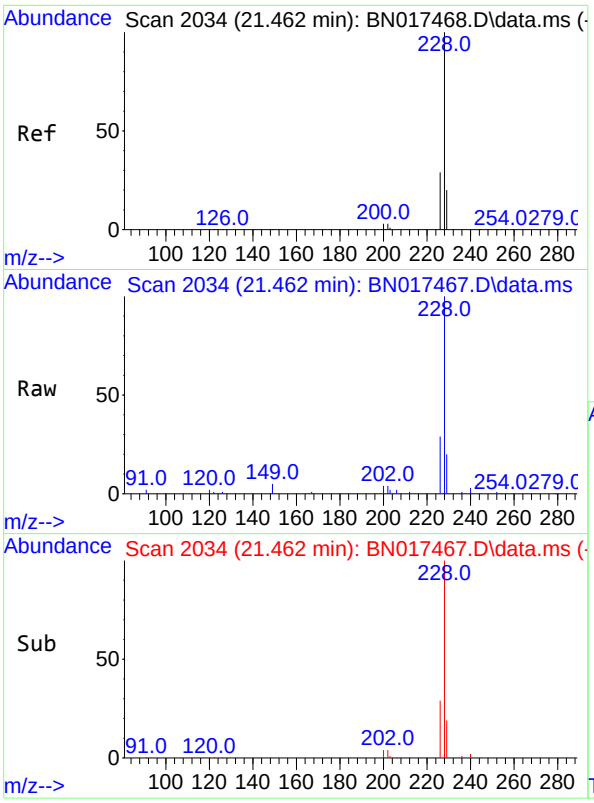


#32
Benzo(a)anthracene
Concen: 0.181 ng
RT: 21.409 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BN017467.D
Acq: 16 Nov 2021 09:30

Tgt Ion:228 Resp: 45410

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.3	31.9
229	19.4	15.7	23.5



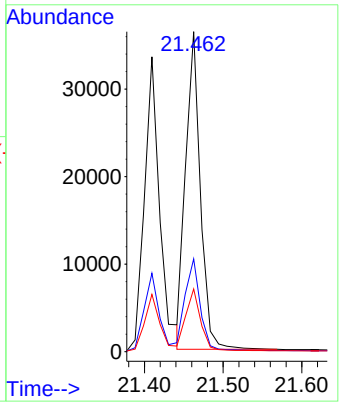


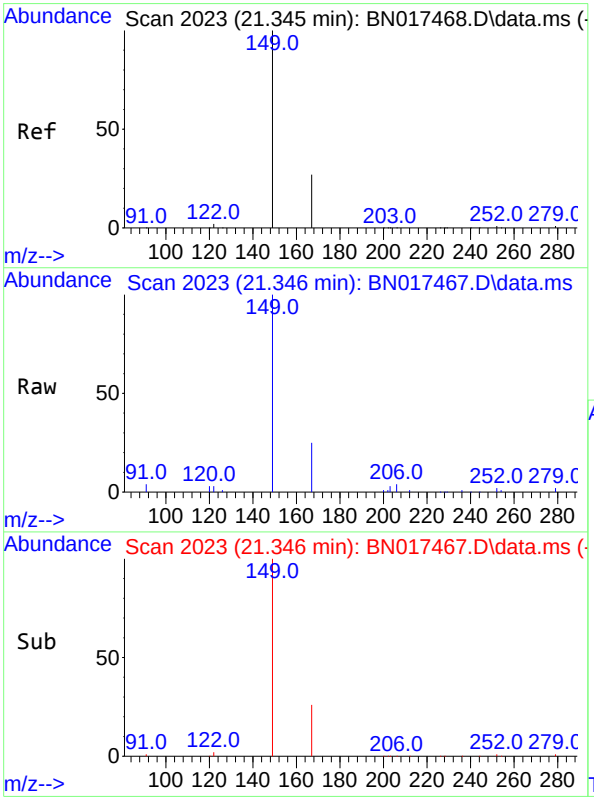
#33
Chrysene
Concen: 0.176 ng
RT: 21.462 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN017467.D
Acq: 16 Nov 2021 09:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 47121

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.3	34.9
229	19.6	15.6	23.4

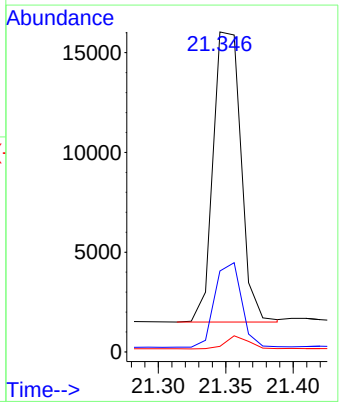


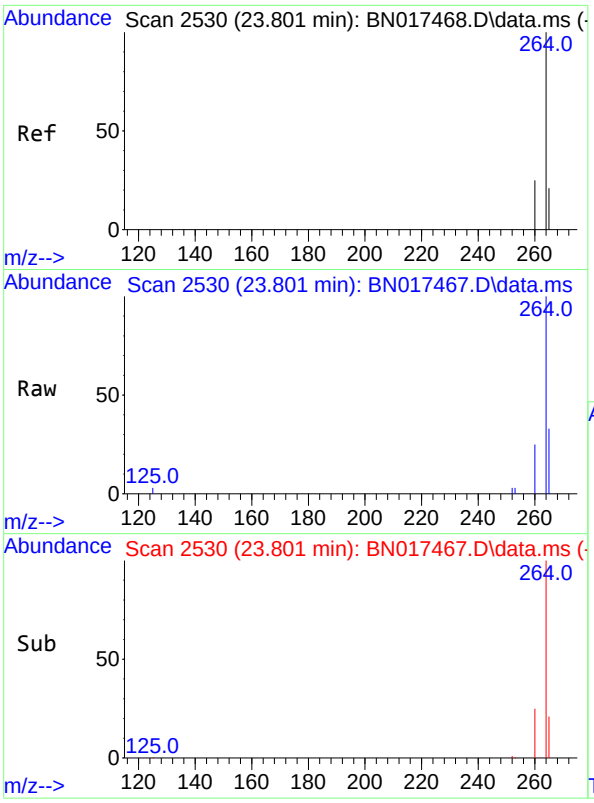


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.236 ng
RT: 21.346 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BN017467.D
Acq: 16 Nov 2021 09:30

Tgt Ion:149 Resp: 20879

Ion	Ratio	Lower	Upper
149	100		
167	28.1	21.8	32.6
279	3.7	3.4	5.0



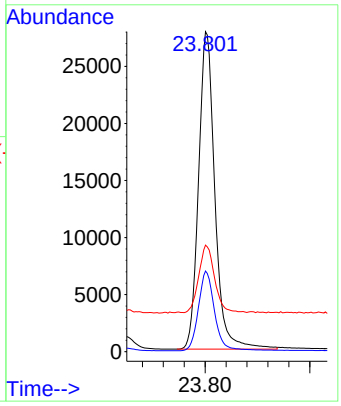


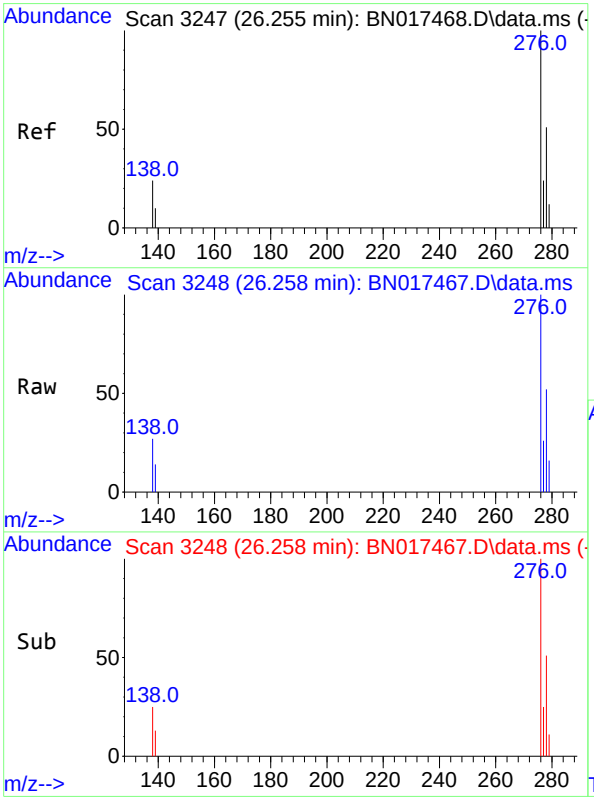
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.801 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN017467.D
Acq: 16 Nov 2021 09:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:264 Resp: 60257

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.4	29.2
265	33.3	18.6	28.0#

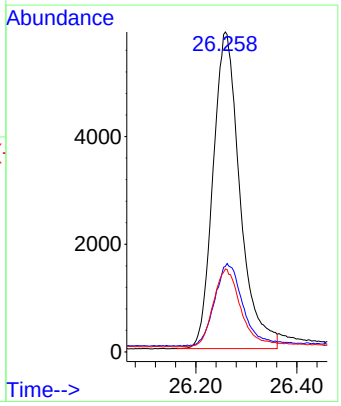


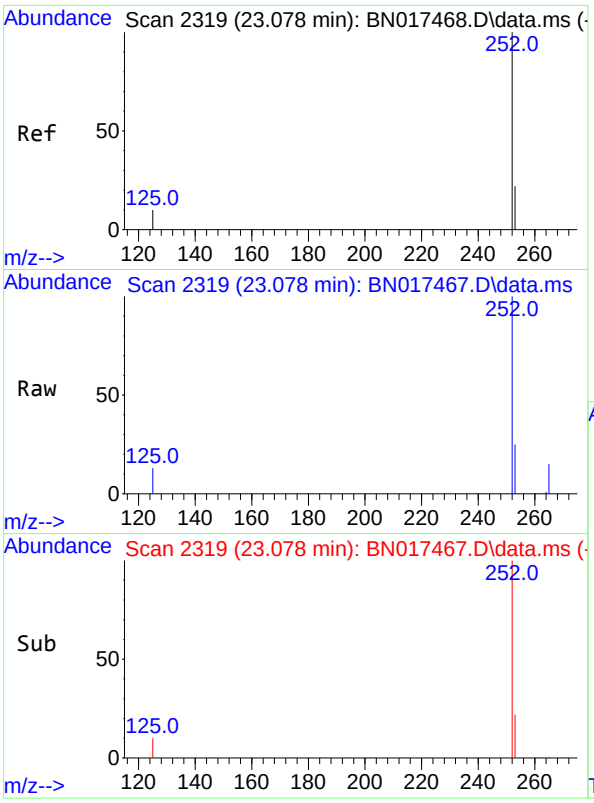


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.103 ng
RT: 26.258 min Scan# 3248
Delta R.T. 0.004 min
Lab File: BN017467.D
Acq: 16 Nov 2021 09:30

Tgt Ion:276 Resp: 21726

Ion	Ratio	Lower	Upper
276	100		
138	27.0	19.7	29.5
277	25.0	20.0	30.0



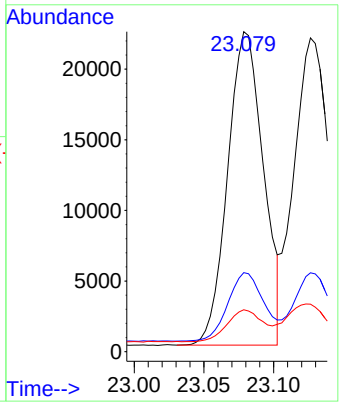


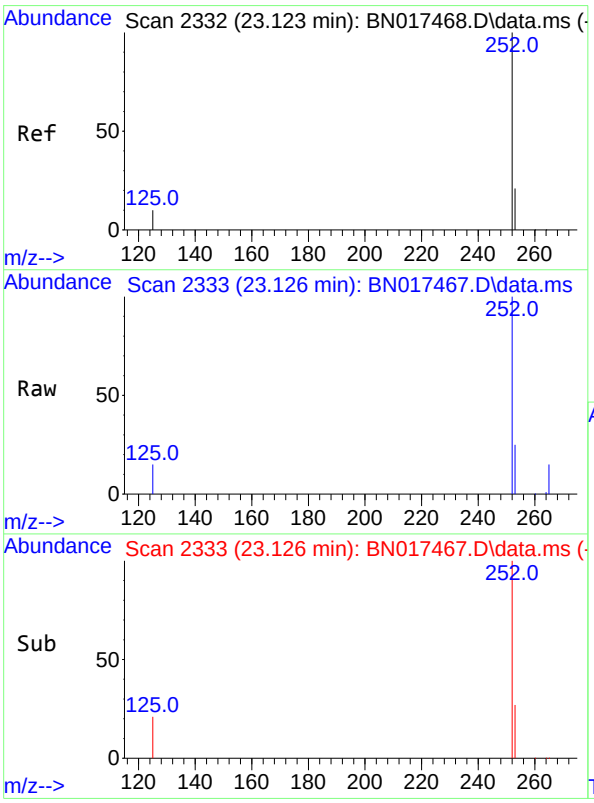
#37
Benzo(b)fluoranthene
Concen: 0.201 ng
RT: 23.078 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN017467.D
Acq: 16 Nov 2021 09:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 39586

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.7	26.5
125	13.1	7.8	11.8#

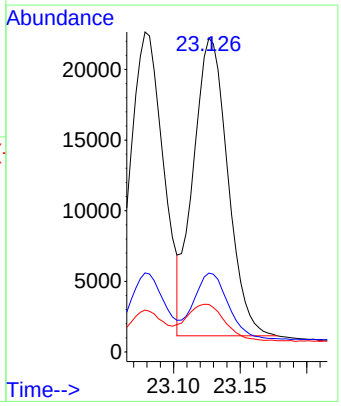


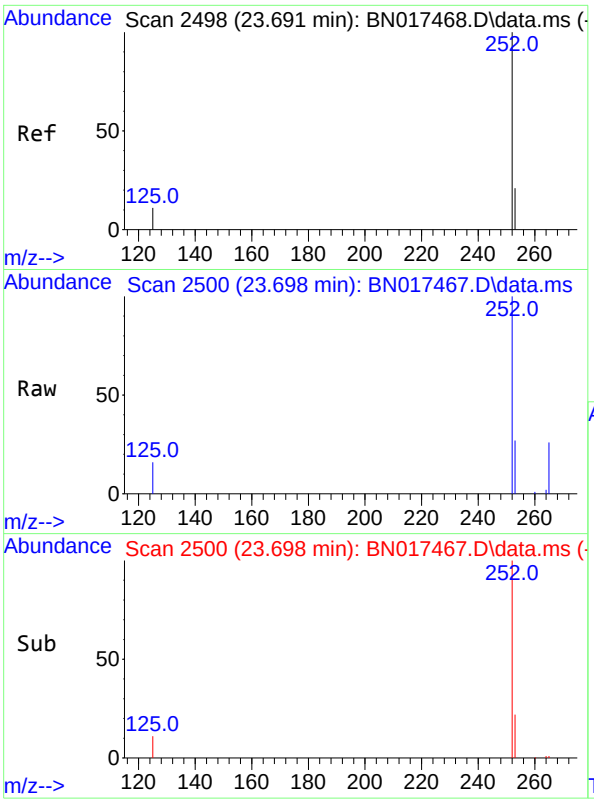


#38
Benzo(k)fluoranthene
Concen: 0.193 ng
RT: 23.126 min Scan# 2333
Delta R.T. 0.004 min
Lab File: BN017467.D
Acq: 16 Nov 2021 09:30

Tgt Ion:252 Resp: 38021

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.7	26.5
125	15.1	8.2	12.2#



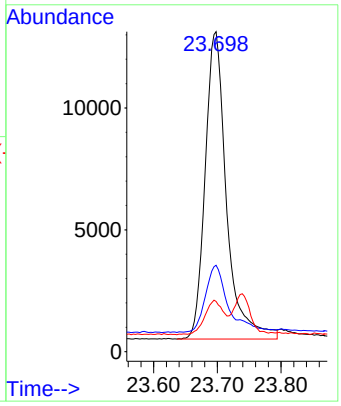


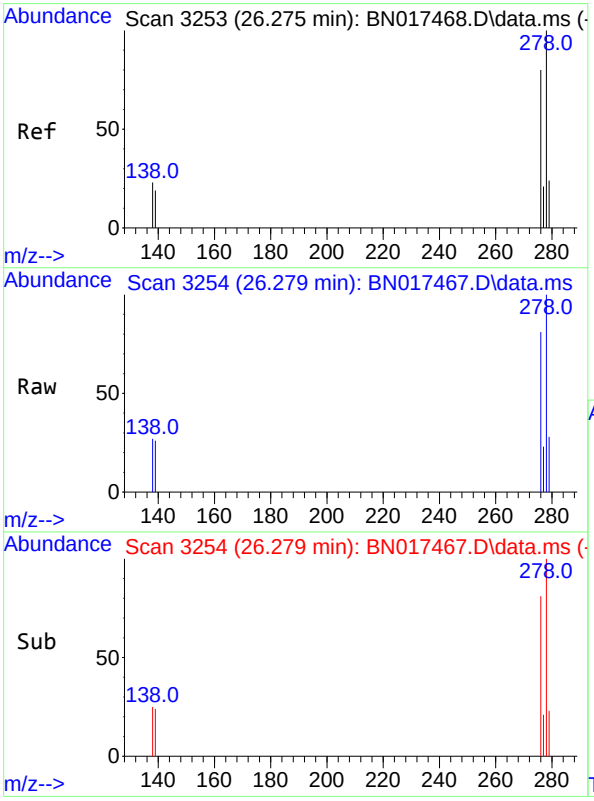
#39
Benzo(a)pyrene
Concen: 0.169 ng
RT: 23.698 min Scan# 2
Delta R.T. 0.007 min
Lab File: BN017467.D
Acq: 16 Nov 2021 09:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 29422

Ion	Ratio	Lower	Upper
252	100		
253	27.0	17.9	26.9#
125	15.7	9.2	13.8#

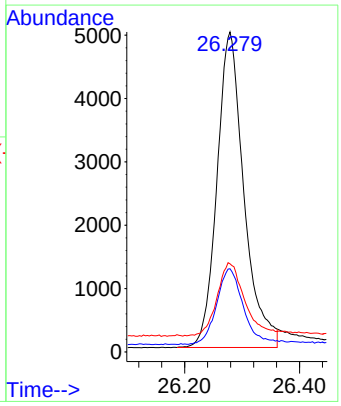


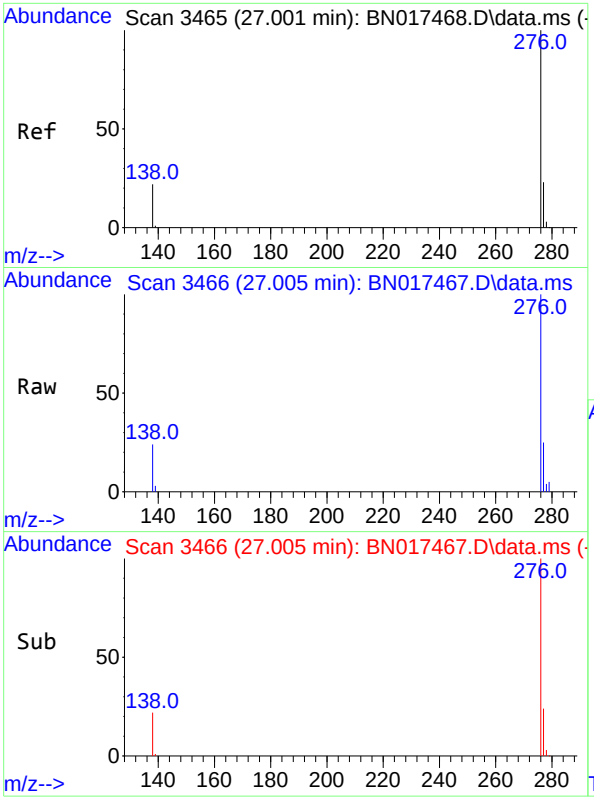


#40
Dibenzo(a,h)anthracene
Concen: 0.096 ng
RT: 26.279 min Scan# 3254
Delta R.T. 0.004 min
Lab File: BN017467.D
Acq: 16 Nov 2021 09:30

Tgt Ion:278 Resp: 16224

Ion	Ratio	Lower	Upper
278	100		
139	26.0	13.0	19.6#
279	27.6	19.2	28.8





#41
Benzo(g,h,i)perylene
Concen: 0.117 ng
RT: 27.005 min Scan# 34
Delta R.T. 0.004 min
Lab File: BN017467.D
Acq: 16 Nov 2021 09:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 21421

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.0	28.4
138	23.8	17.1	25.7