Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111121\
Data File : BN017390.D
Acq On : 10 Nov 2021 20:52
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Nov 11 07:21:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN111121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 11 07:19:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.515	152	27889	0.400	ng	0.00
7) Naphthalene-d8	10.281	136	118601	0.400	ng	# 0.00
13) Acenaphthene-d10	14.156	164	64041	0.400	ng	0.00
19) Phenanthrene-d10	16.909	188	119668	0.400	ng	0.00
29) Chrysene-d12	21.123	240	126343	0.400	ng	# 0.00
35) Perylene-d12	23.311	264	132628	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.127	112	207853	3.232	ng	0.00
5) Phenol-d6	6.703	99	241409	3.409	ng	0.00
8) Nitrobenzene-d5	8.659	82	270315	3.798	ng	0.00
11) 2-Methylnaphthalene-d10	11.880	152	527864	3.023	ng	0.00
14) 2,4,6-Tribromophenol	15.653	330	92979	3.889	ng	-0.01
15) 2-Fluorobiphenyl	12.773	172	747411	3.068	ng	0.00
27) Fluoranthene-d10	18.955	212	1030891	3.379	ng	0.00
31) Terphenyl-d14	19.571	244	851668	3.026	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.107	88	36405	2.331	ng	91
3) n-Nitrosodimethylamine	3.430	42	88945	3.713	ng	99
6) bis(2-Chloroethyl)ether	6.961	93	227378	3.047	ng	99
9) Naphthalene	10.332	128	948795	3.036	ng	99
10) Hexachlorobutadiene	10.624	225	181199	2.958	ng	# 100
12) 2-Methylnaphthalene	11.955	142	608112	2.957	ng	99
16) Acenaphthylene	13.864	152	914349	3.503	ng	100
17) Acenaphthene	14.219	154	559923	3.115	ng	98
18) Fluorene	15.209	166	688153	3.205	ng	99
20) 4,6-Dinitro-2-methylph...	15.311	198	73609	6.007	ng	# 84
21) 4-Bromophenyl-phenylether	16.118	248	227353	3.392	ng	# 63
22) Hexachlorobenzene	16.216	284	232866	3.099	ng	99
23) Atrazine	16.398	200	186765	4.123	ng	97
24) Pentachlorophenol	16.569	266	112541	4.245	ng	99
25) Phenanthrene	16.946	178	1068668	3.117	ng	100
26) Anthracene	17.043	178	1003263	3.512	ng	100
28) Fluoranthene	18.985	202	1200141	3.244	ng	99
30) Pyrene	19.347	202	1246974	3.055	ng	100
32) Benzo(a)anthracene	21.101	228	1294082	3.376	ng	98
33) Chrysene	21.154	228	1260544	3.090	ng	99
34) Bis(2-ethylhexyl)phtha...	21.070	149	764915	5.655	ng	99
36) Indeno(1,2,3-cd)pyrene	25.512	276	1544718	3.327	ng	99
37) Benzo(b)fluoranthene	22.658	252	1317816	3.040	ng	100
38) Benzo(k)fluoranthene	22.702	252	1300565	2.999	ng	100
39) Benzo(a)pyrene	23.215	252	1234230	3.216	ng	99
40) Dibenzo(a,h)anthracene	25.533	278	1272471	3.407	ng	99
41) Benzo(g,h,i)perylene	26.183	276	1350722	3.353	ng	100

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

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Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Time: Nov 11 07:21:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN111121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 11 07:19:53 2021
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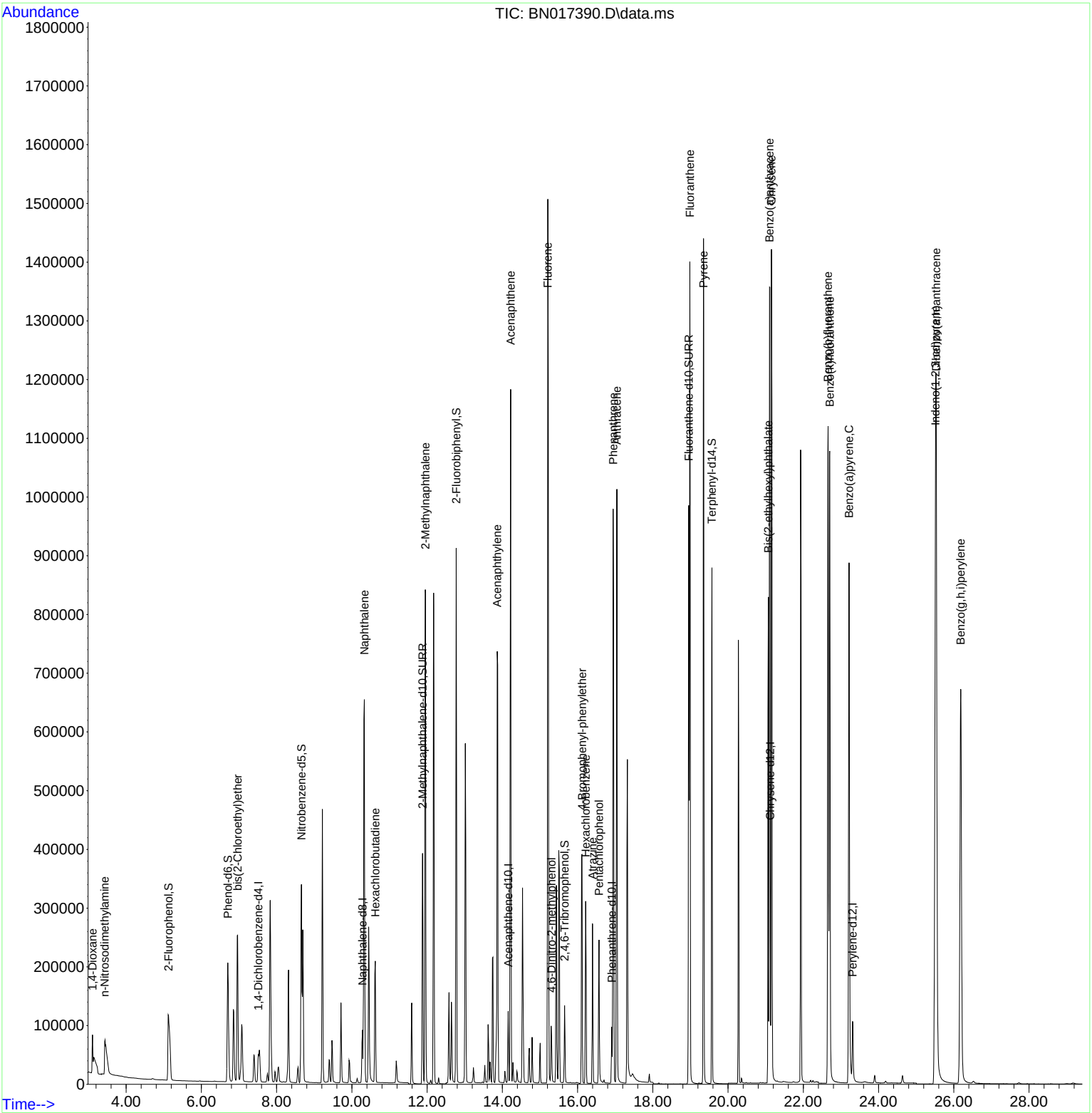
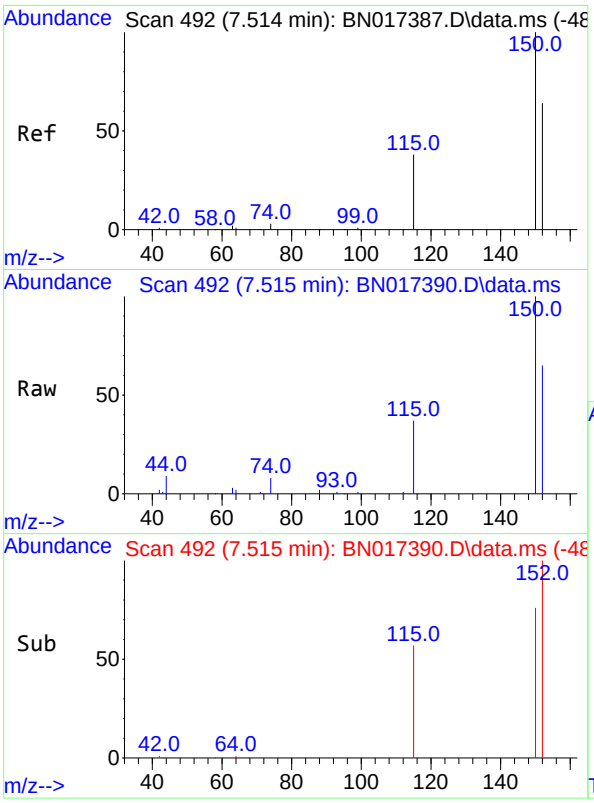


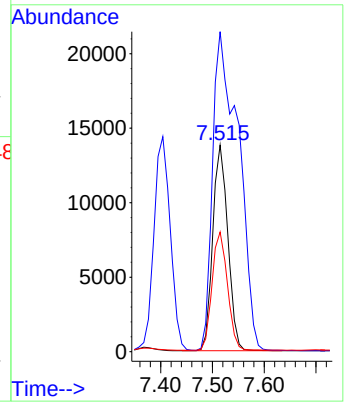


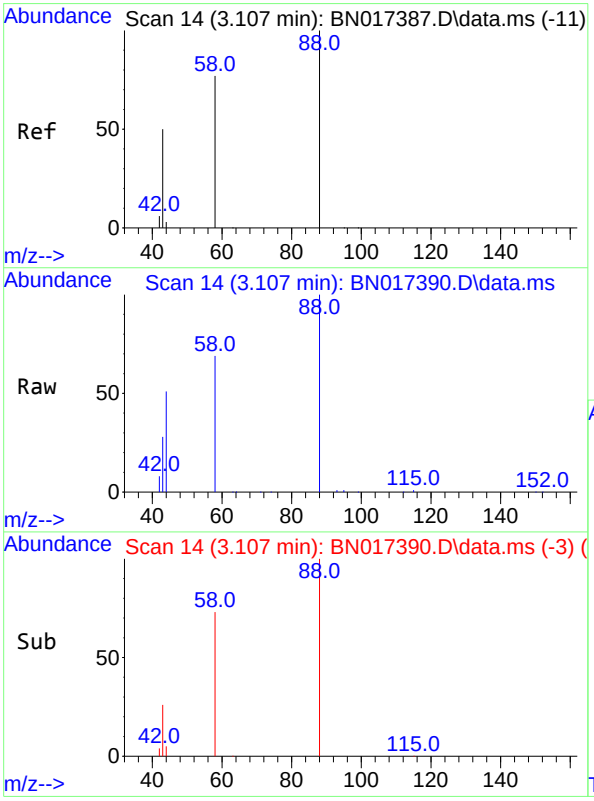
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.515 min Scan# 4
Delta R.T. 0.001 min
Lab File: BN017390.D
Acq: 10 Nov 2021 20:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 27889

Ion	Ratio	Lower	Upper
152	100		
150	154.9	123.0	184.4
115	58.0	45.6	68.4

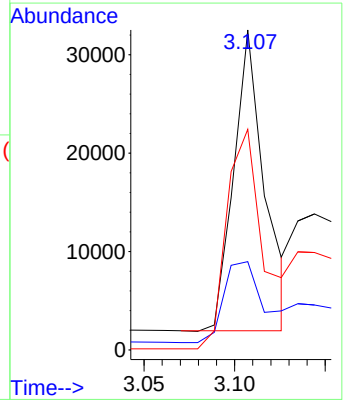


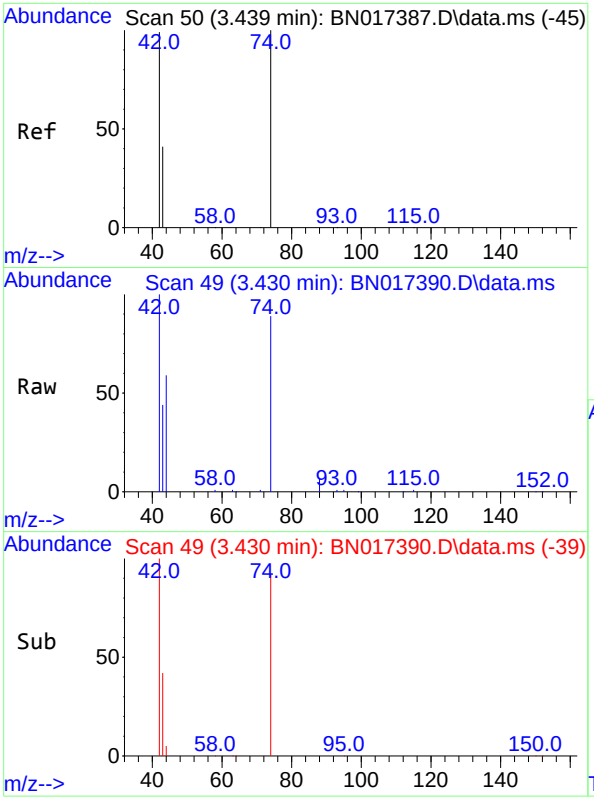


#2
1,4-Dioxane
Concen: 2.331 ng
RT: 3.107 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN017390.D
Acq: 10 Nov 2021 20:52

Tgt Ion: 88 Resp: 36405

Ion	Ratio	Lower	Upper
88	100		
43	35.6	24.7	37.1
58	87.1	63.0	94.6



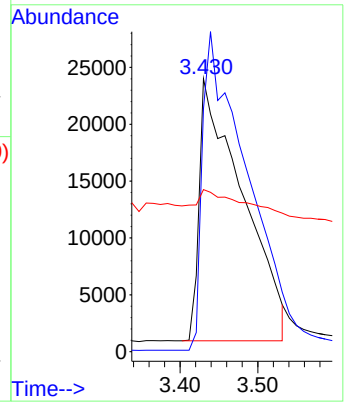


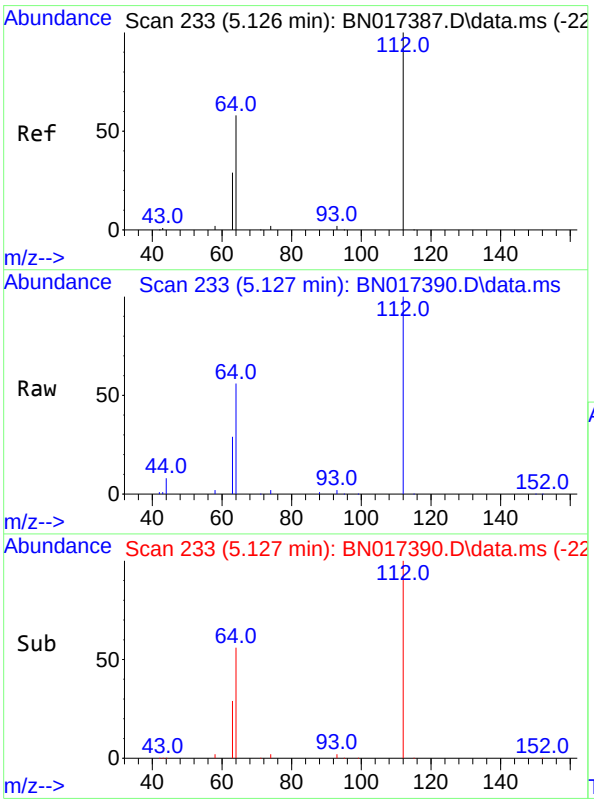
#3
n-Nitrosodimethylamine
Concen: 3.713 ng
RT: 3.430 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN017390.D
Acq: 10 Nov 2021 20:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion: 42 Resp: 88945

Ion	Ratio	Lower	Upper
42	100		
74	123.5	97.8	146.6
44	8.2	5.5	8.3

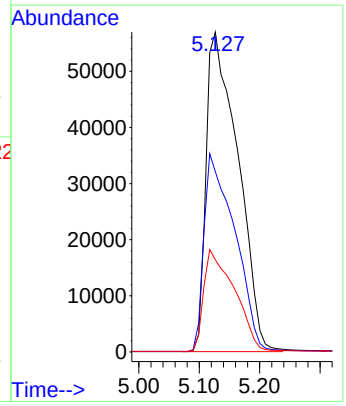


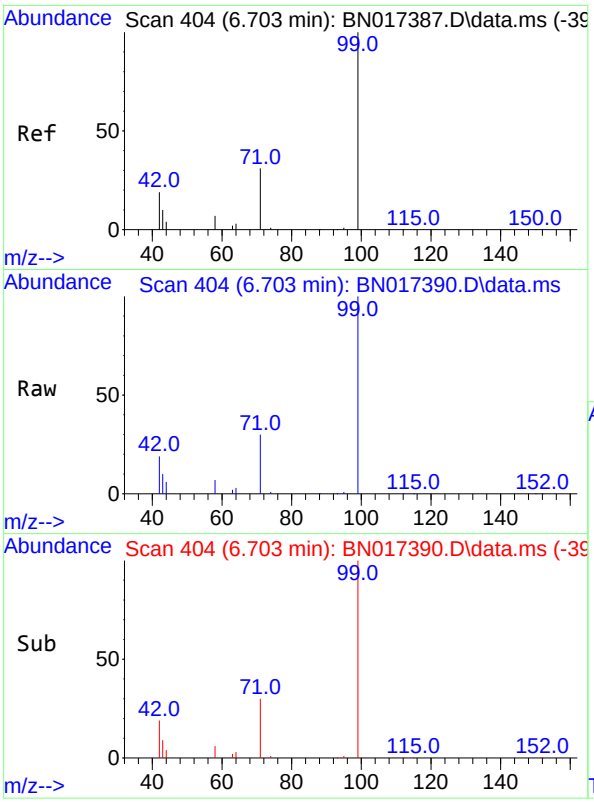


#4
2-Fluorophenol
Concen: 3.232 ng
RT: 5.127 min Scan# 233
Delta R.T. 0.000 min
Lab File: BN017390.D
Acq: 10 Nov 2021 20:52

Tgt Ion:112 Resp: 207853

Ion	Ratio	Lower	Upper
112	100		
64	60.1	47.6	71.4
63	30.8	24.6	37.0



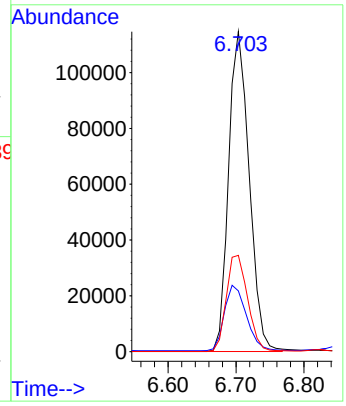


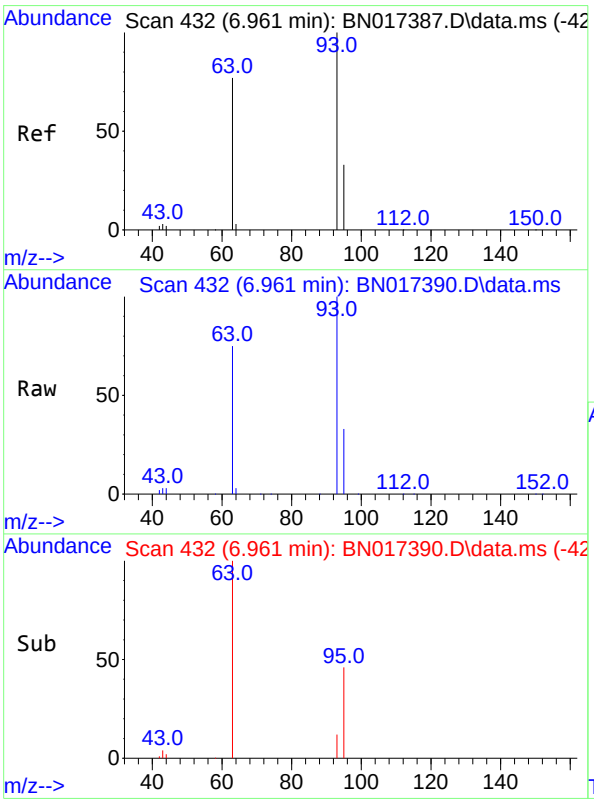
#5
Phenol-d6
Concen: 3.409 ng
RT: 6.703 min Scan# 4(
Delta R.T. 0.000 min
Lab File: BN017390.D
Acq: 10 Nov 2021 20:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion: 99 Resp: 241409

Ion	Ratio	Lower	Upper
99	100		
42	21.8	17.0	25.6
71	31.2	24.8	37.2

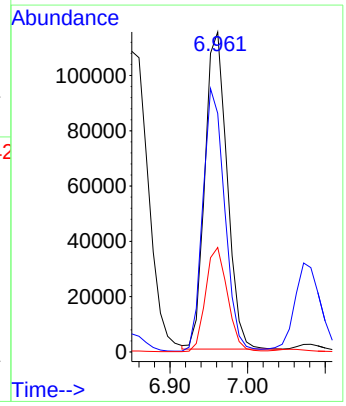


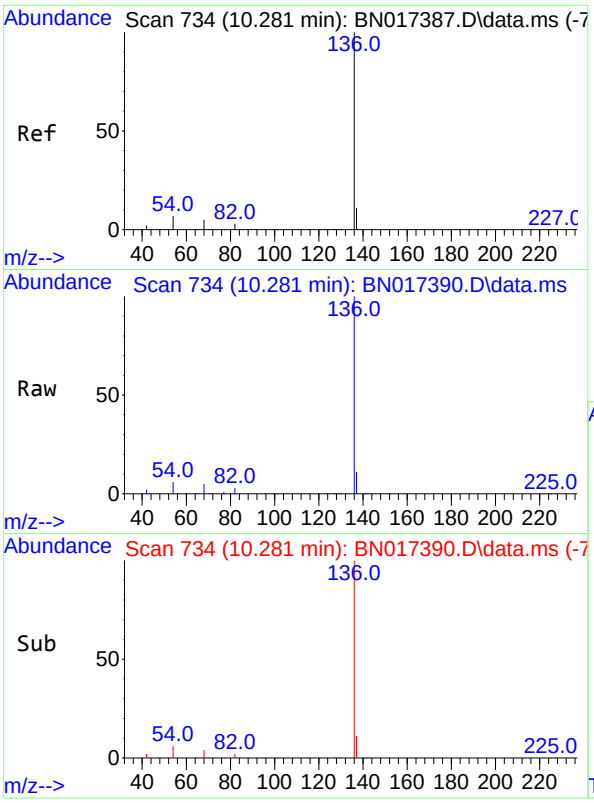


#6
bis(2-Chloroethyl)ether
Concen: 3.047 ng
RT: 6.961 min Scan# 432
Delta R.T. 0.000 min
Lab File: BN017390.D
Acq: 10 Nov 2021 20:52

Tgt Ion: 93 Resp: 227378

Ion	Ratio	Lower	Upper
93	100		
63	81.6	65.8	98.6
95	32.7	26.6	39.8



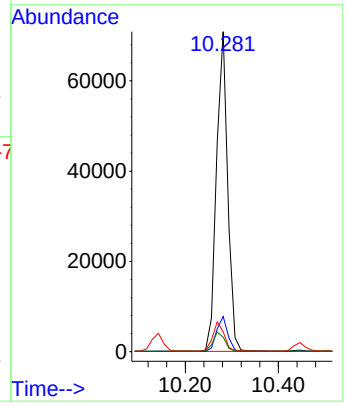


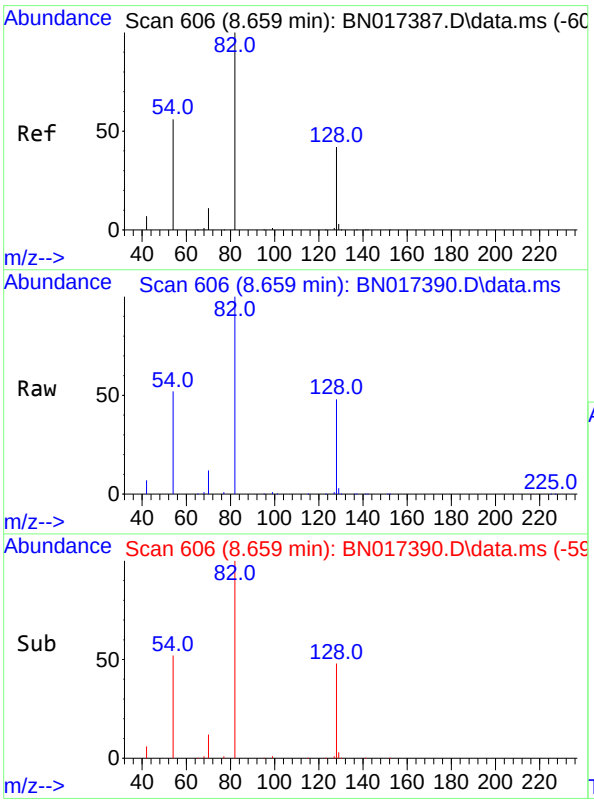
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.281 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN017390.D
Acq: 10 Nov 2021 20:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:136 Resp: 118601

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.2	4.0	6.0#
68	4.6	3.0	4.6#

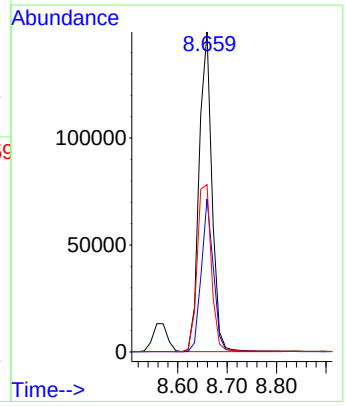


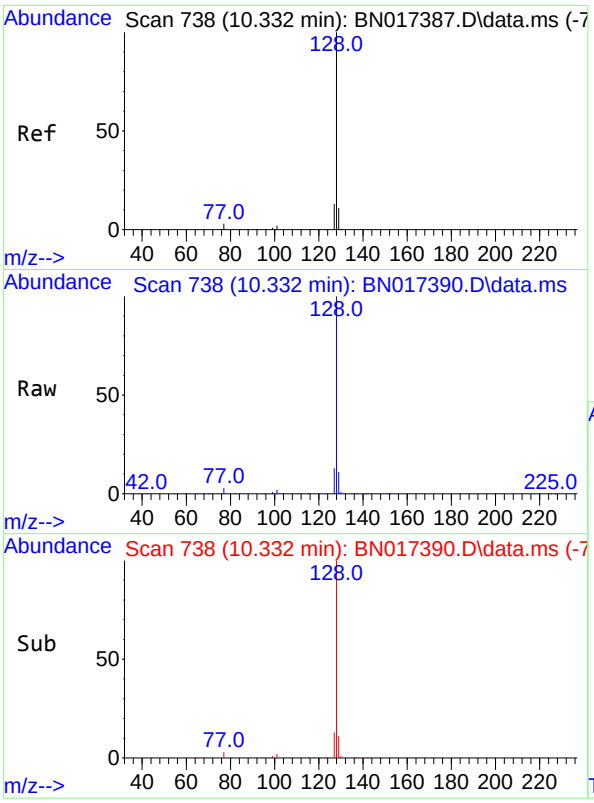


#8
Nitrobenzene-d5
Concen: 3.798 ng
RT: 8.659 min Scan# 606
Delta R.T. 0.000 min
Lab File: BN017390.D
Acq: 10 Nov 2021 20:52

Tgt Ion: 82 Resp: 270315

Ion	Ratio	Lower	Upper
82	100		
128	47.8	27.7	41.5#
54	52.3	49.2	73.8



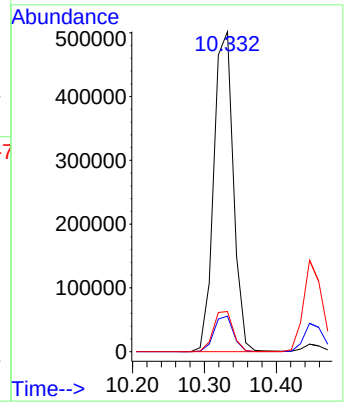


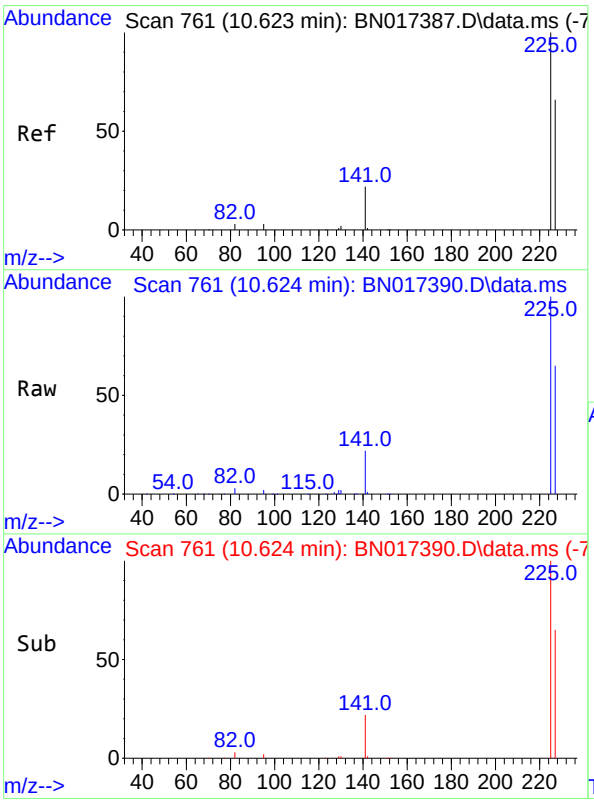
#9
Naphthalene
Concen: 3.036 ng
RT: 10.332 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN017390.D
Acq: 10 Nov 2021 20:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:128 Resp: 948795

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	12.5	10.6	15.8

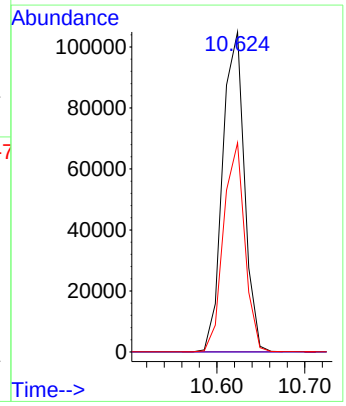


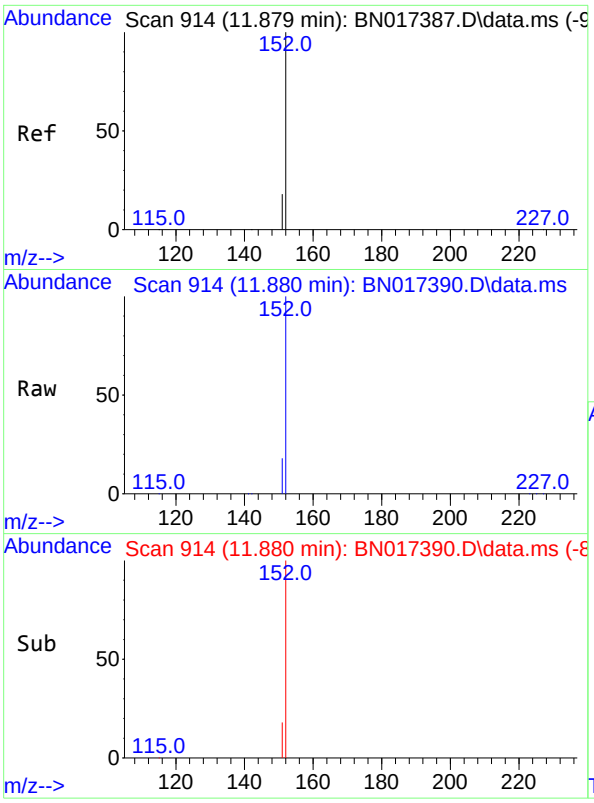


#10
Hexachlorobutadiene
Concen: 2.958 ng
RT: 10.624 min Scan# 761
Delta R.T. 0.000 min
Lab File: BN017390.D
Acq: 10 Nov 2021 20:52

Tgt Ion:225 Resp: 181199

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	51.1	76.7



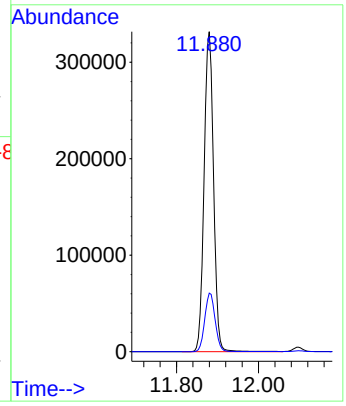


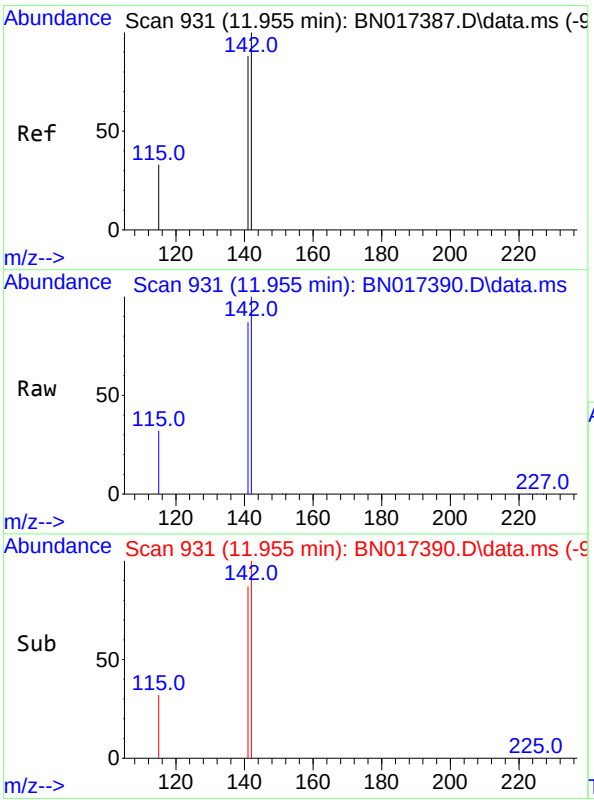
#11
2-Methylnaphthalene-d10
Concen: 3.023 ng
RT: 11.880 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN017390.D
Acq: 10 Nov 2021 20:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 527864

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.4

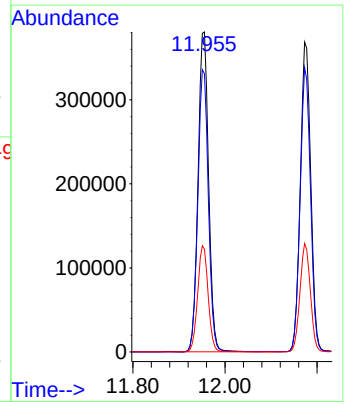


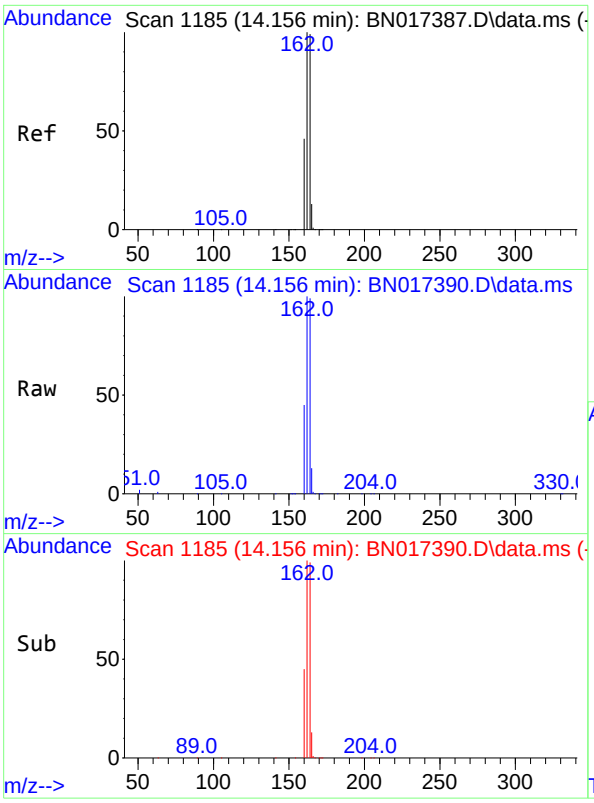


#12
2-Methylnaphthalene
Concen: 2.957 ng
RT: 11.955 min Scan# 931
Delta R.T. 0.000 min
Lab File: BN017390.D
Acq: 10 Nov 2021 20:52

Tgt Ion:142 Resp: 608112

Ion	Ratio	Lower	Upper
142	100		
141	87.0	70.6	106.0
115	32.1	25.8	38.6



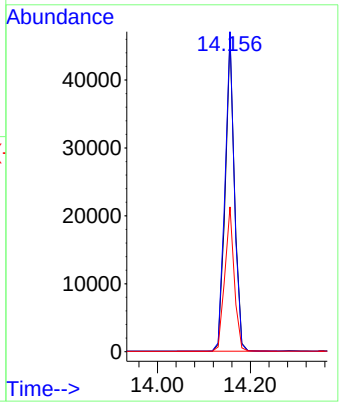


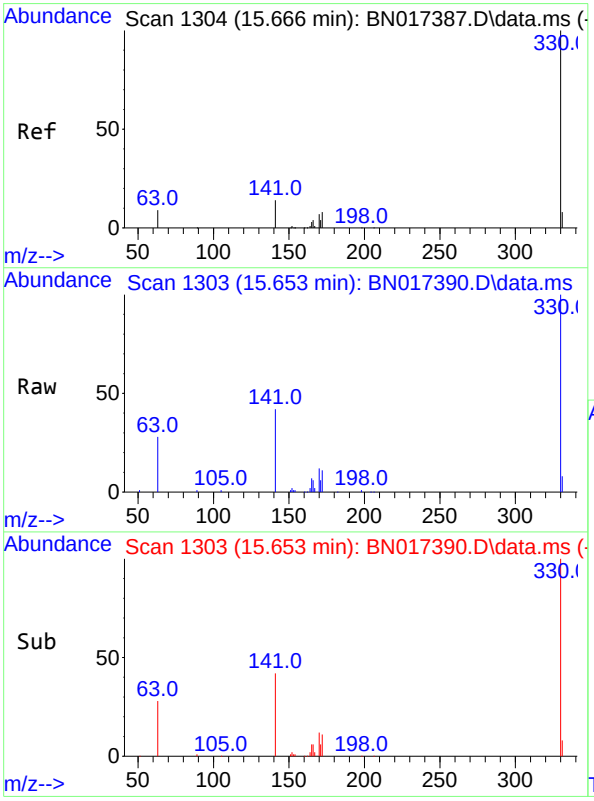
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.156 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017390.D
Acq: 10 Nov 2021 20:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:164 Resp: 64041

Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.4	122.2
160	45.9	36.8	55.2

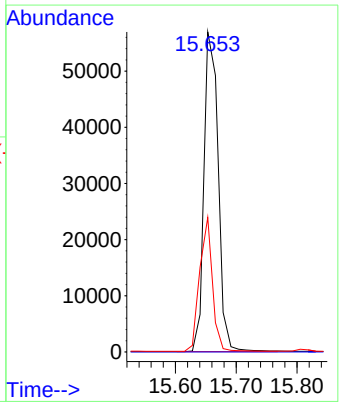


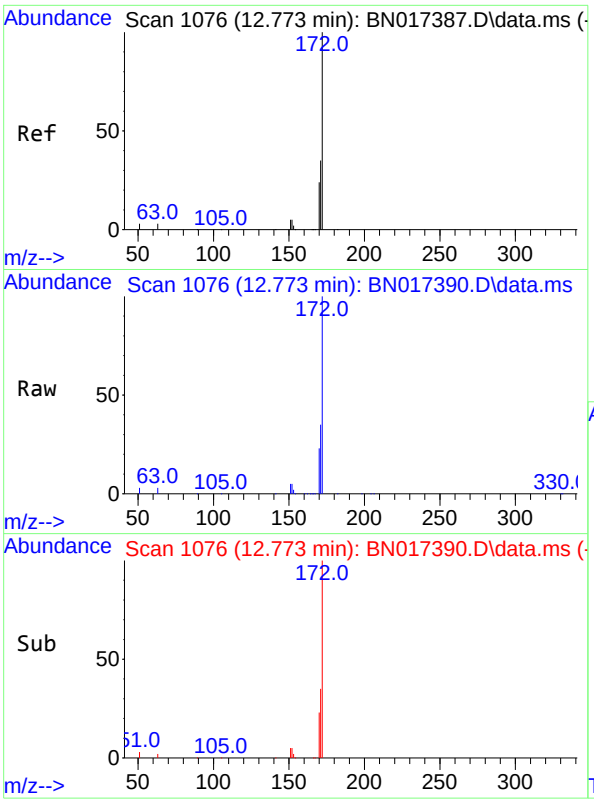


#14
2,4,6-Tribromophenol
Concen: 3.889 ng
RT: 15.653 min Scan# 1303
Delta R.T. -0.012 min
Lab File: BN017390.D
Acq: 10 Nov 2021 20:52

Tgt Ion:330 Resp: 92979

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	37.8	28.9	43.3



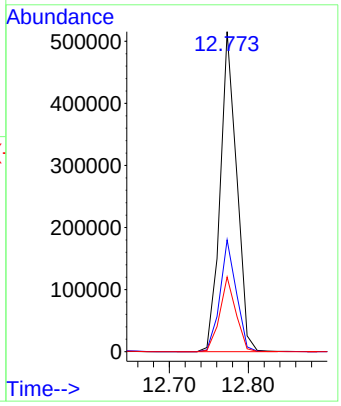


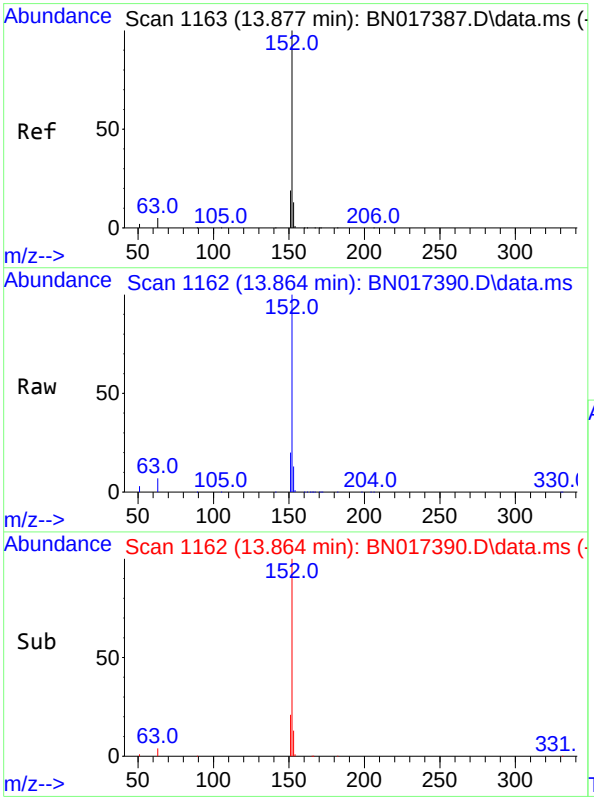
#15
2-Fluorobiphenyl
Concen: 3.068 ng
RT: 12.773 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017390.D
Acq: 10 Nov 2021 20:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:172 Resp: 747411

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.7	43.1
170	23.3	19.4	29.2

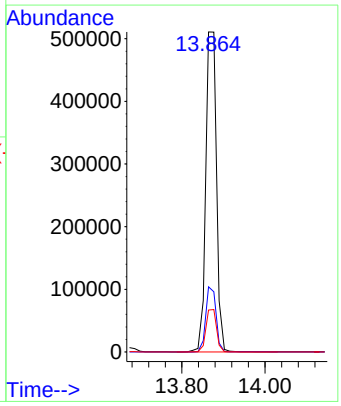


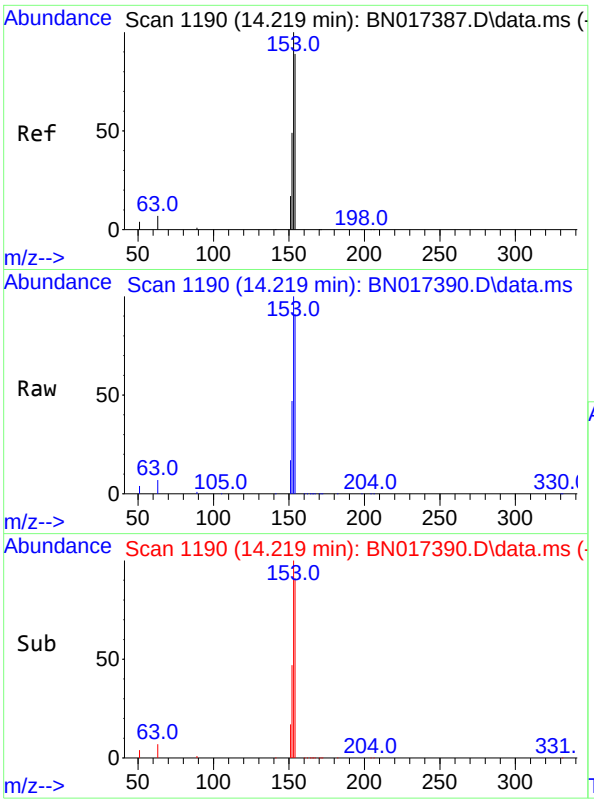


#16
Acenaphthylene
Concen: 3.503 ng
RT: 13.864 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BN017390.D
Acq: 10 Nov 2021 20:52

Tgt Ion:152 Resp: 914349

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.5	23.3
153	13.1	10.4	15.6



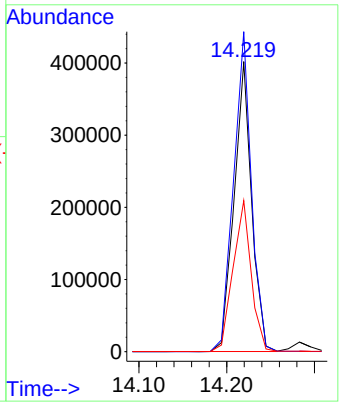


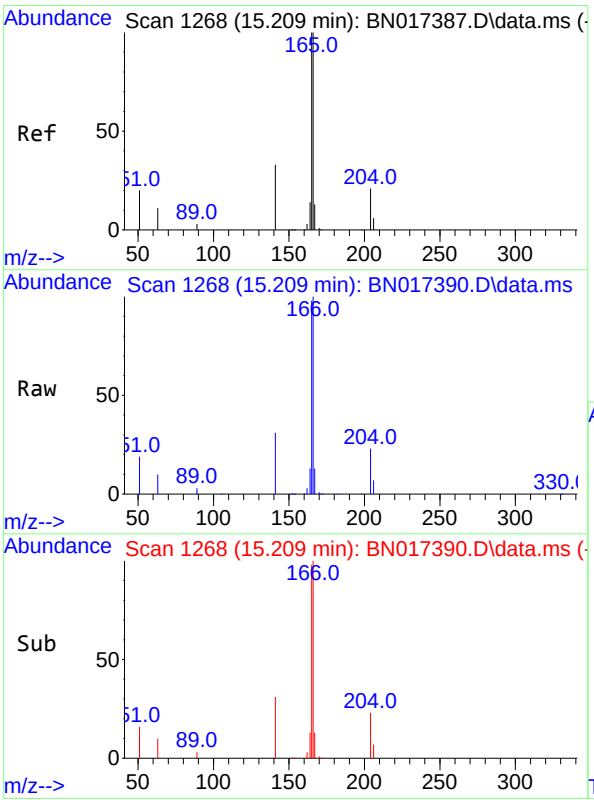
#17
Acenaphthene
Concen: 3.115 ng
RT: 14.219 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017390.D
Acq: 10 Nov 2021 20:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:154 Resp: 559923

Ion	Ratio	Lower	Upper
154	100		
153	112.0	91.2	136.8
152	54.0	44.3	66.5

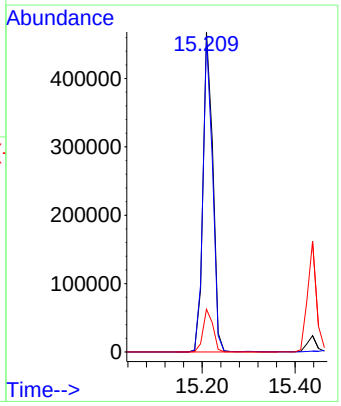


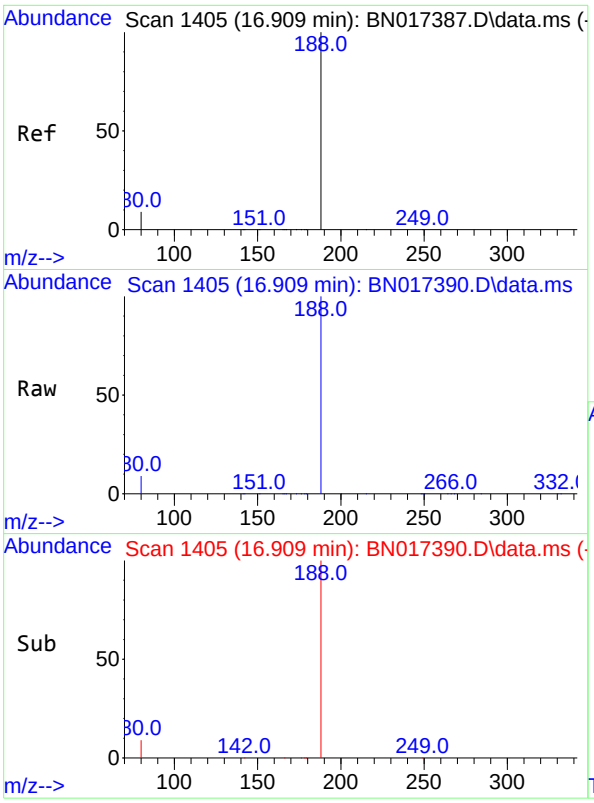


#18
Fluorene
Concen: 3.205 ng
RT: 15.209 min Scan# 1268
Delta R.T. 0.000 min
Lab File: BN017390.D
Acq: 10 Nov 2021 20:52

Tgt Ion:166 Resp: 688153

Ion	Ratio	Lower	Upper
166	100		
165	96.4	77.9	116.9
167	13.5	10.9	16.3



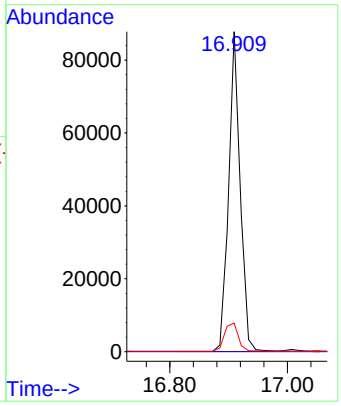


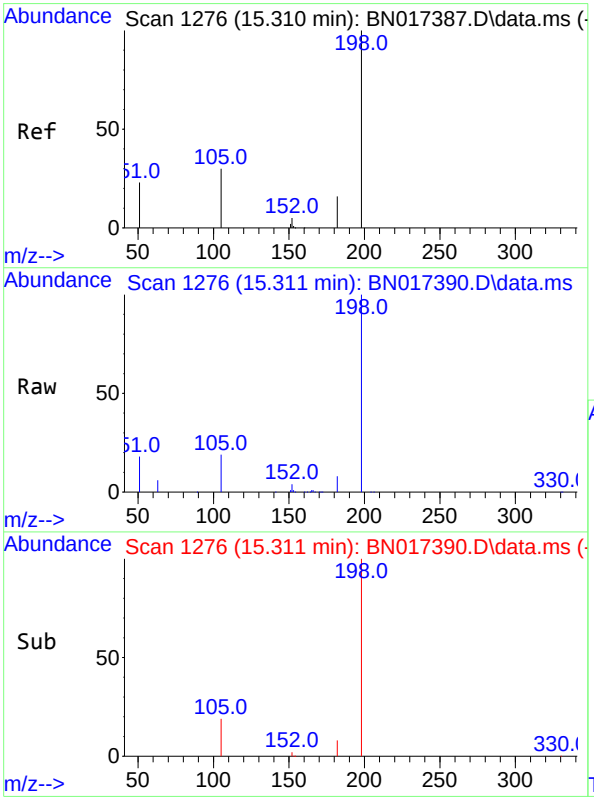
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.909 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN017390.D
Acq: 10 Nov 2021 20:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:188 Resp: 119668

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.9	6.1	9.1

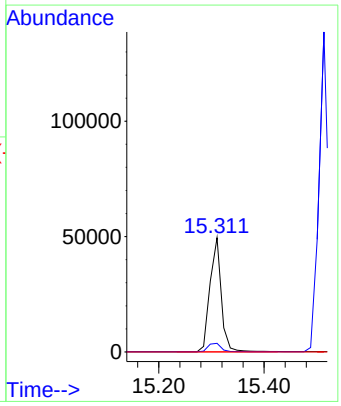


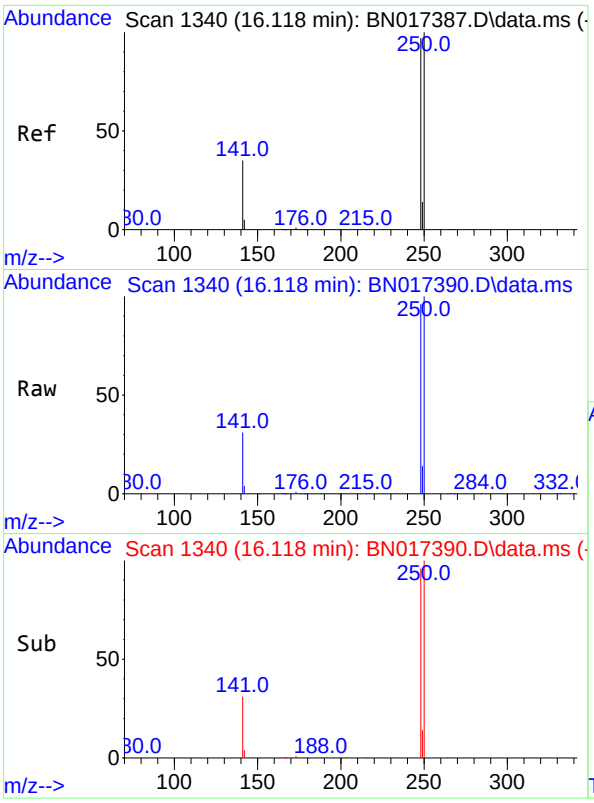


#20
4,6-Dinitro-2-methylphenol
Concen: 6.007 ng
RT: 15.311 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BN017390.D
Acq: 10 Nov 2021 20:52

Tgt Ion:198 Resp: 73609

Ion	Ratio	Lower	Upper
198	100		
182	7.6	11.4	17.2#
77	0.0	0.0	0.0



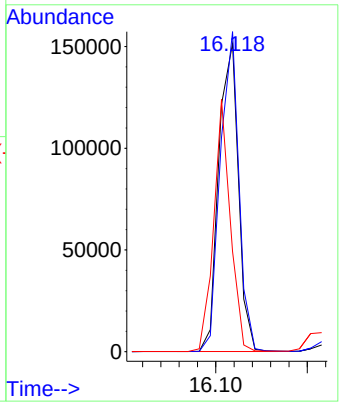


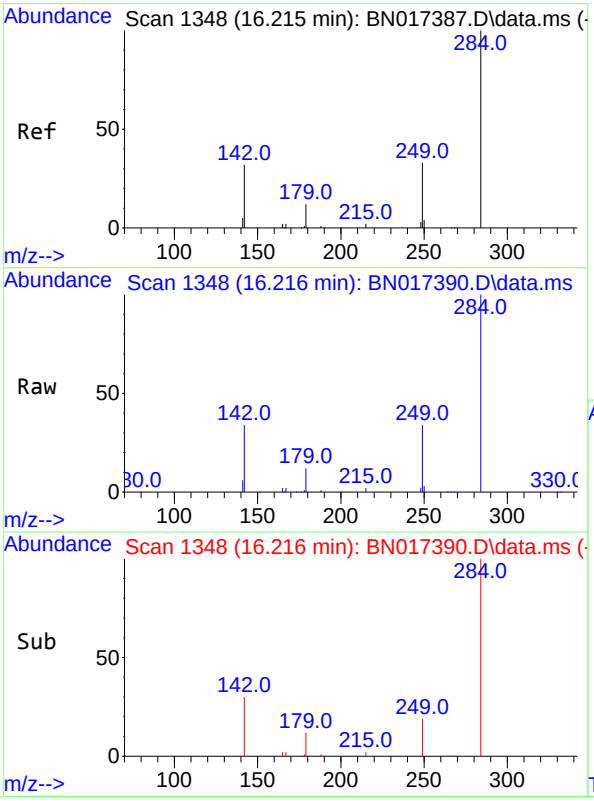
#21
4-Bromophenyl-phenylether
Concen: 3.392 ng
RT: 16.118 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017390.D
Acq: 10 Nov 2021 20:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:248 Resp: 227353

Ion	Ratio	Lower	Upper
248	100		
250	103.8	71.8	107.8
141	32.5	70.9	106.3#

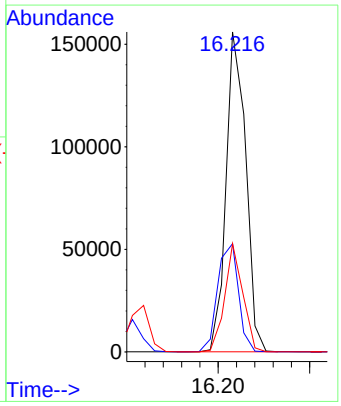


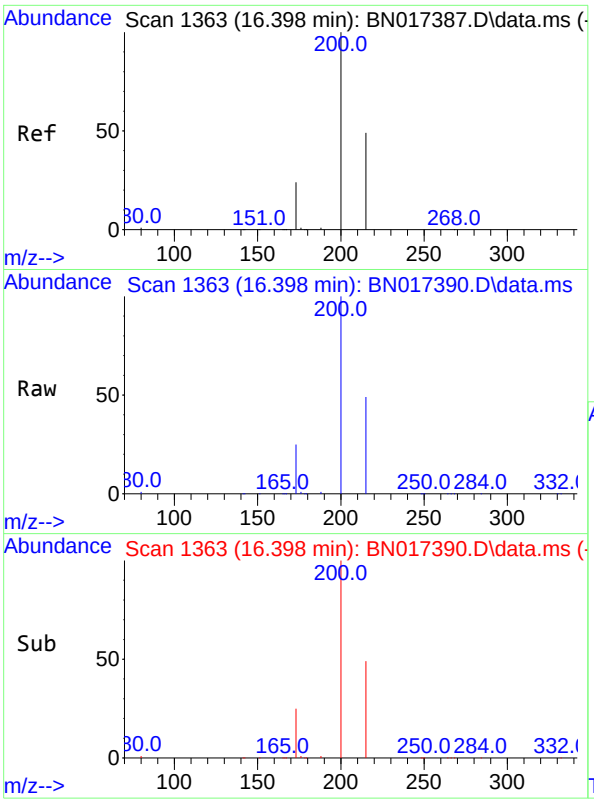


#22
Hexachlorobenzene
Concen: 3.099 ng
RT: 16.216 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BN017390.D
Acq: 10 Nov 2021 20:52

Tgt Ion:284 Resp: 232866

Ion	Ratio	Lower	Upper
284	100		
142	35.8	28.2	42.2
249	30.9	24.4	36.6



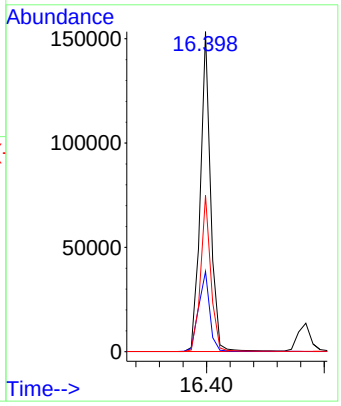


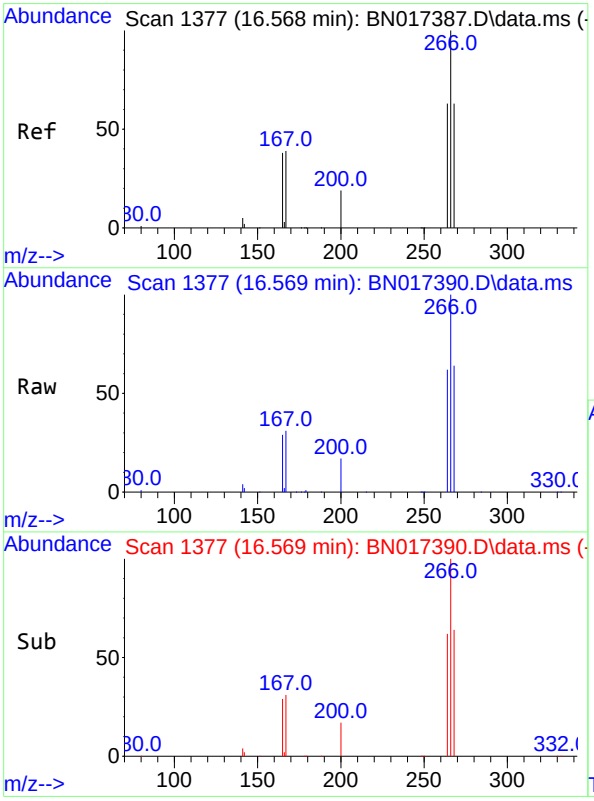
#23
Atrazine
Concen: 4.123 ng
RT: 16.398 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017390.D
Acq: 10 Nov 2021 20:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:200 Resp: 186765

Ion	Ratio	Lower	Upper
200	100		
173	25.1	17.6	26.4
215	48.8	40.2	60.4

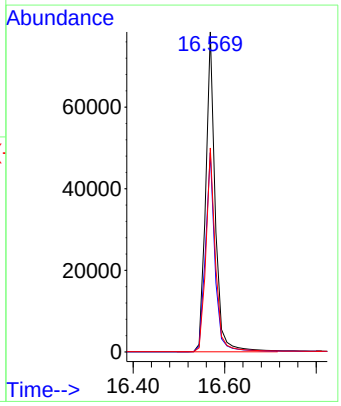


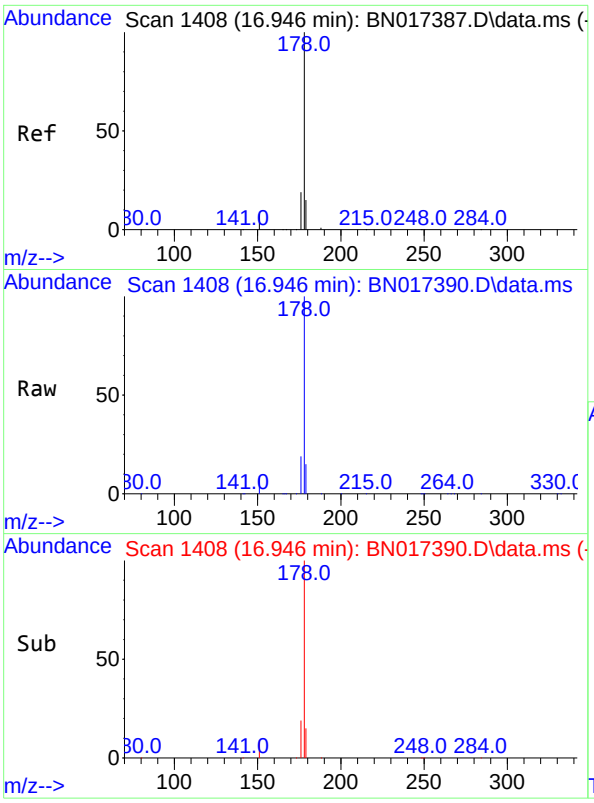


#24
Pentachlorophenol
Concen: 4.245 ng
RT: 16.569 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BN017390.D
Acq: 10 Nov 2021 20:52

Tgt Ion:266 Resp: 112541

Ion	Ratio	Lower	Upper
266	100		
264	62.8	49.8	74.8
268	63.7	51.3	76.9



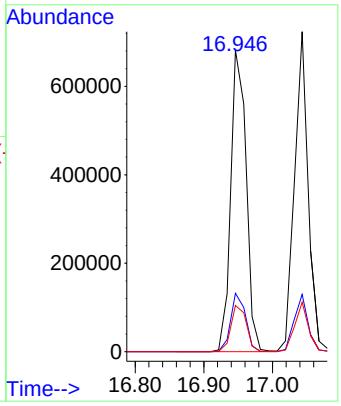


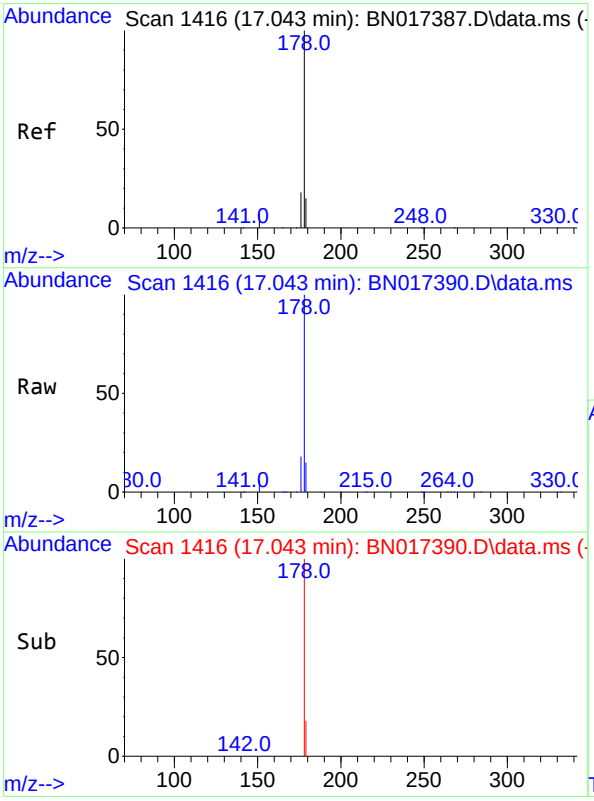
#25
Phenanthrene
Concen: 3.117 ng
RT: 16.946 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN017390.D
Acq: 10 Nov 2021 20:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:178 Resp: 1068668

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.4	12.3	18.5

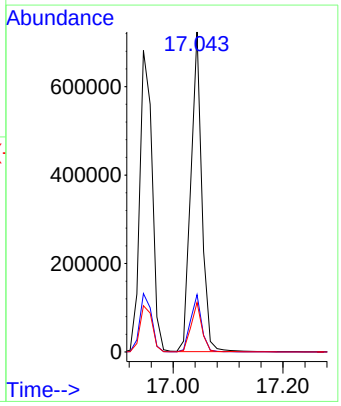


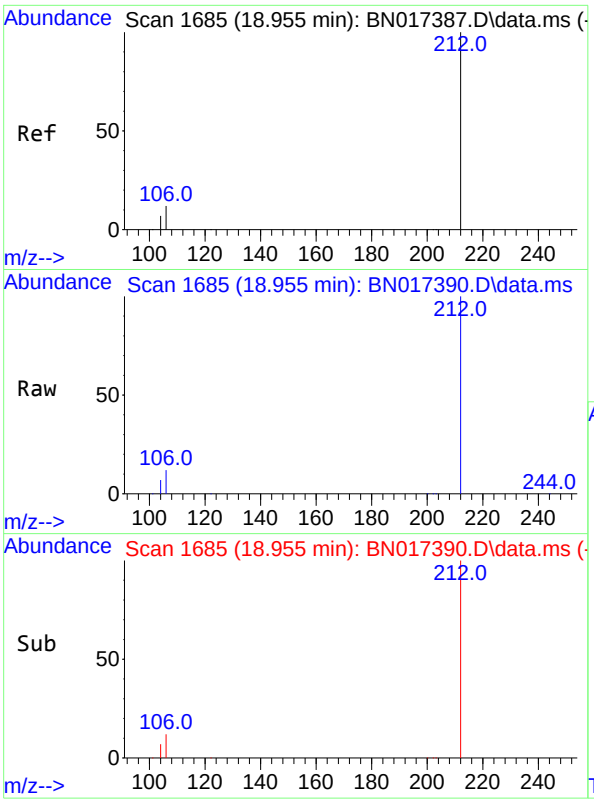


#26
Anthracene
Concen: 3.512 ng
RT: 17.043 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BN017390.D
Acq: 10 Nov 2021 20:52

Tgt Ion:178 Resp: 1003263

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	22.0
179	15.4	12.2	18.4



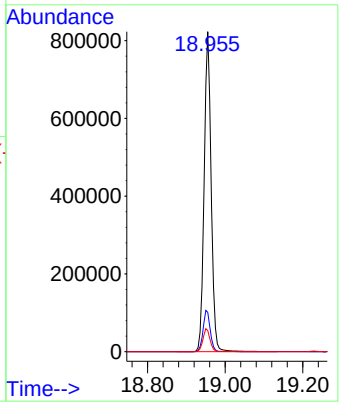


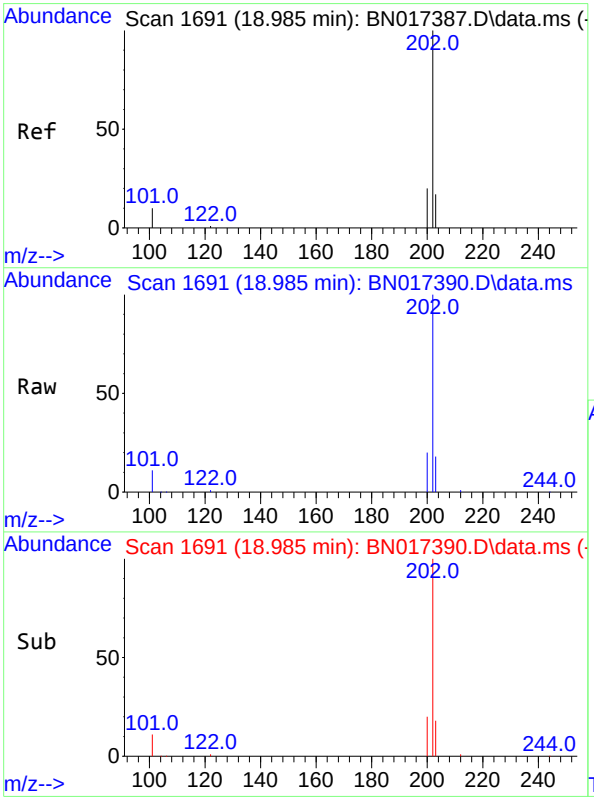
#27
Fluoranthene-d10
Concen: 3.379 ng
RT: 18.955 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017390.D
Acq: 10 Nov 2021 20:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:212 Resp: 1030891

Ion	Ratio	Lower	Upper
212	100		
106	13.2	10.5	15.7
104	7.3	5.8	8.6

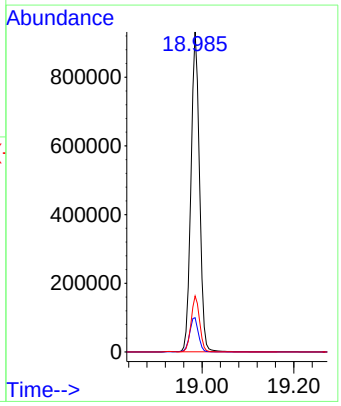


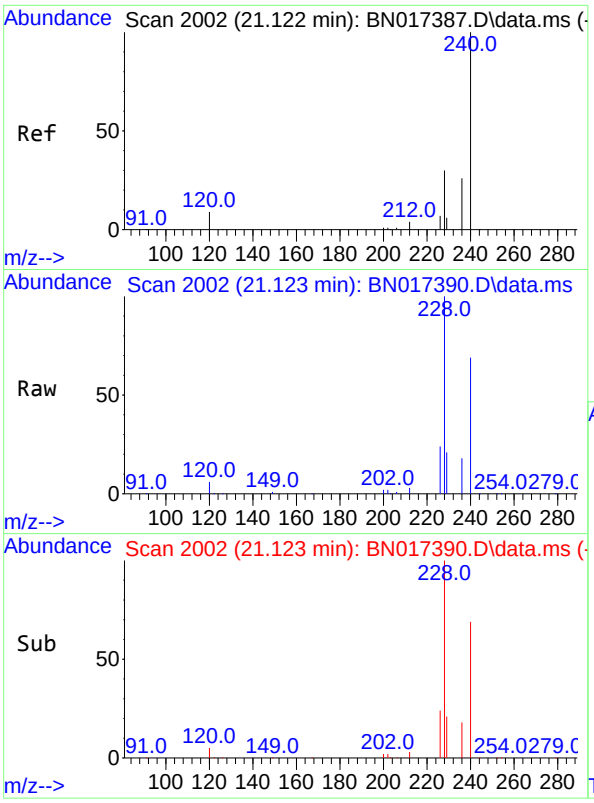


#28
Fluoranthene
Concen: 3.244 ng
RT: 18.985 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BN017390.D
Acq: 10 Nov 2021 20:52

Tgt Ion:202 Resp: 1200141

Ion	Ratio	Lower	Upper
202	100		
101	11.2	8.9	13.3
203	17.5	13.8	20.6



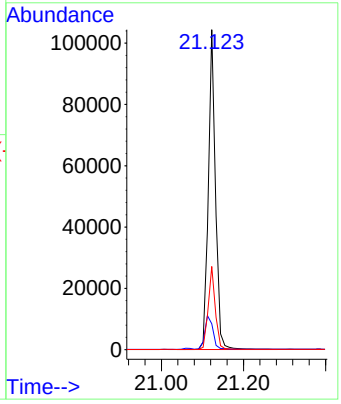


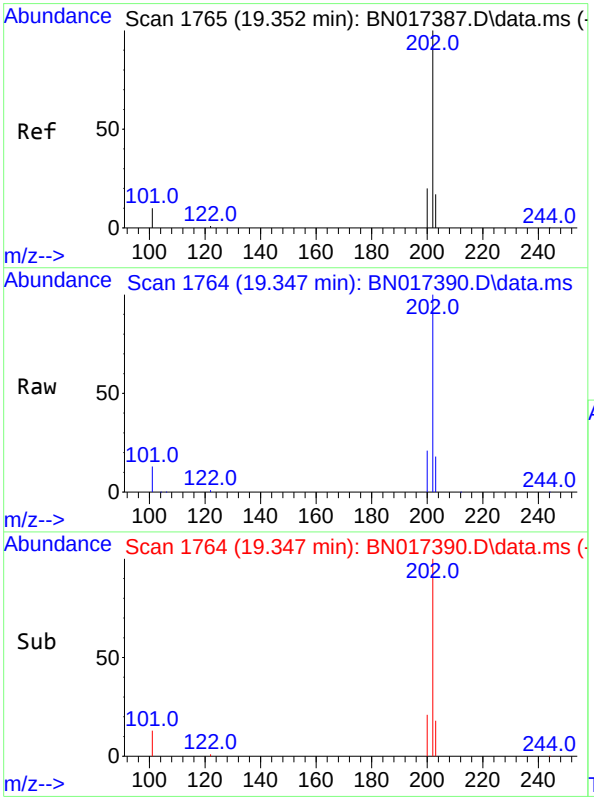
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.123 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BN017390.D
Acq: 10 Nov 2021 20:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:240 Resp: 126343

Ion	Ratio	Lower	Upper
240	100		
120	8.1	4.2	6.2#
236	26.0	20.0	30.0

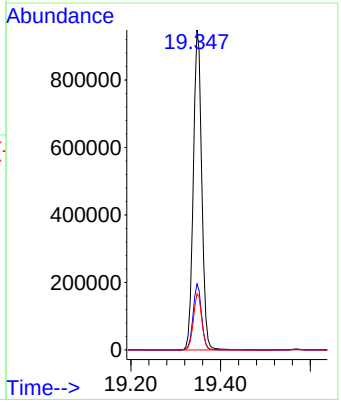


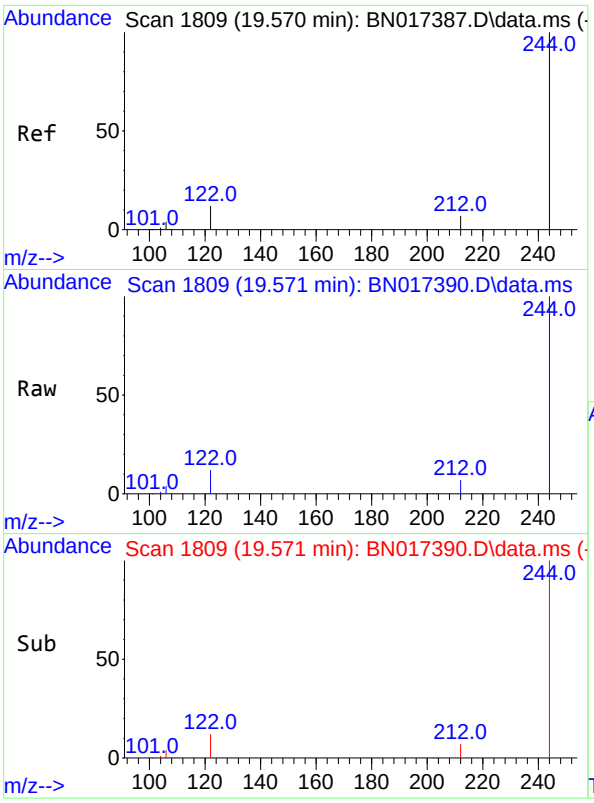


#30
Pyrene
Concen: 3.055 ng
RT: 19.347 min Scan# 1764
Delta R.T. -0.005 min
Lab File: BN017390.D
Acq: 10 Nov 2021 20:52

Tgt Ion:202 Resp: 1246974

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.5	24.7
203	17.7	14.0	21.0



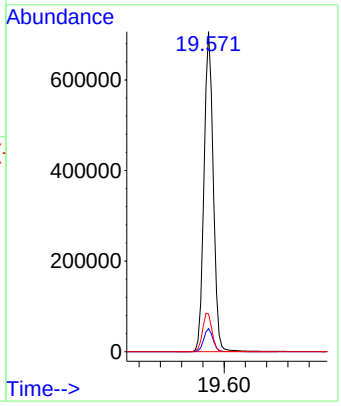


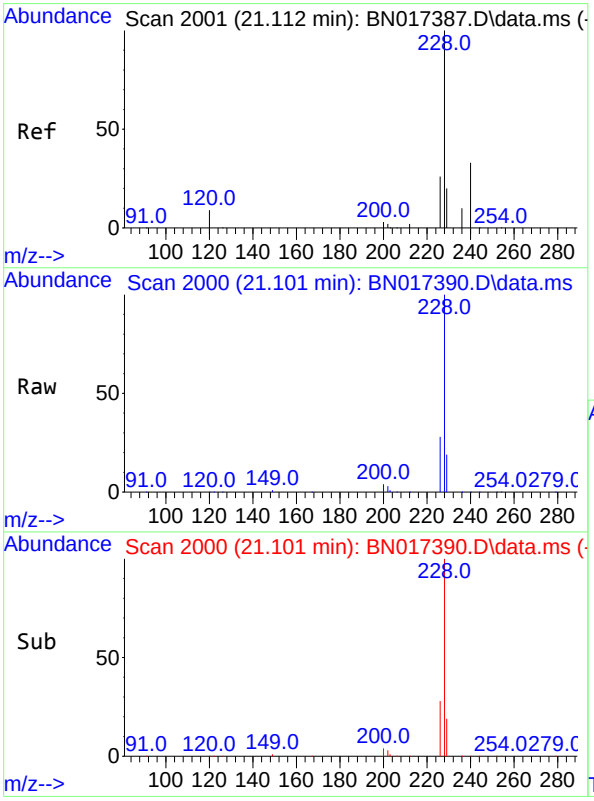
#31
Terphenyl-d14
Concen: 3.026 ng
RT: 19.571 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017390.D
Acq: 10 Nov 2021 20:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:244 Resp: 851668

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	11.8	8.6	13.0

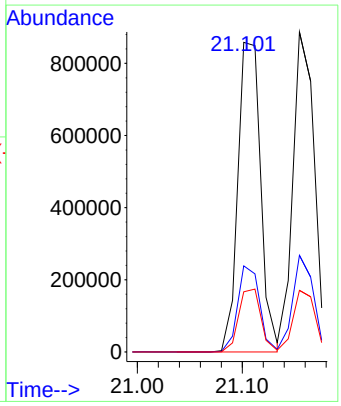


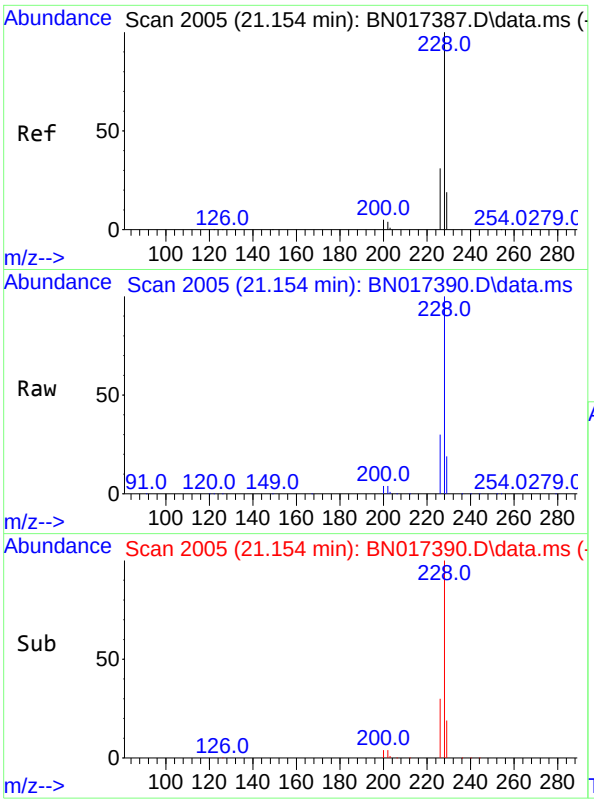


#32
Benzo(a)anthracene
Concen: 3.376 ng
RT: 21.101 min Scan# 2000
Delta R.T. -0.010 min
Lab File: BN017390.D
Acq: 10 Nov 2021 20:52

Tgt Ion:228 Resp: 1294082

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.3	31.9
229	19.4	15.7	23.5



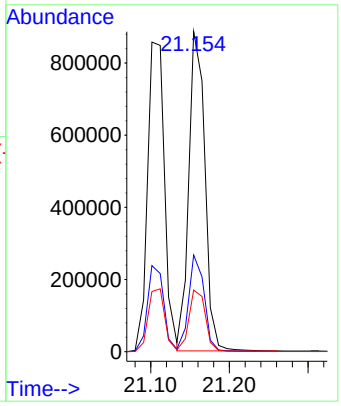


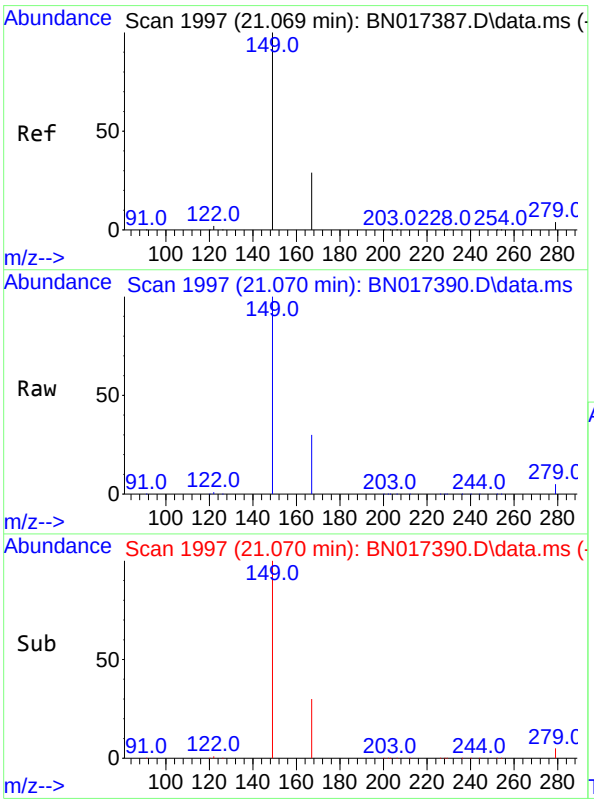
#33
Chrysene
Concen: 3.090 ng
RT: 21.154 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BN017390.D
Acq: 10 Nov 2021 20:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:228 Resp: 1260544

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.3	34.9
229	19.2	15.6	23.4

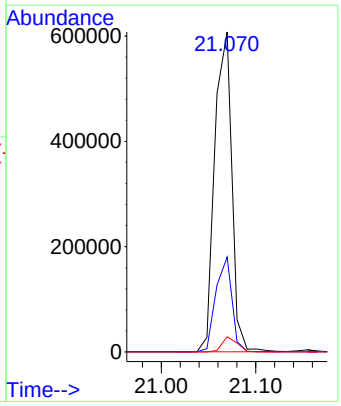


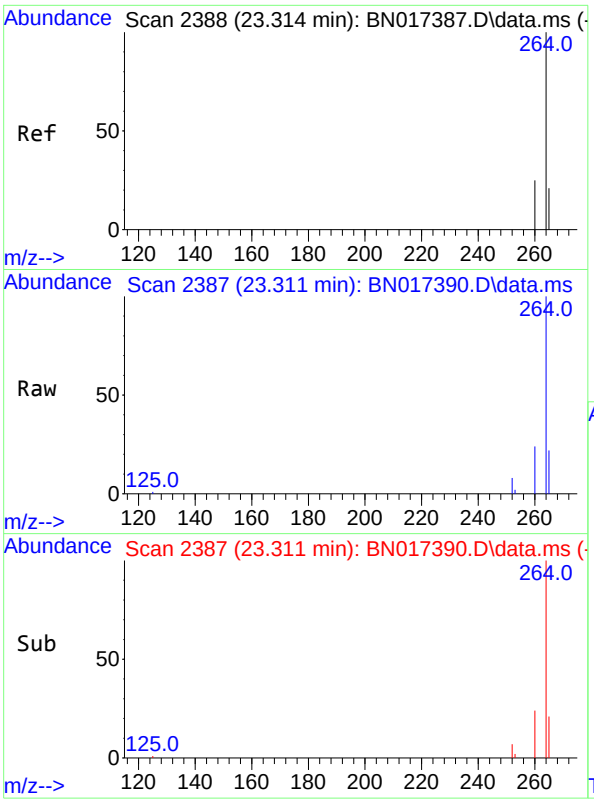


#34
Bis(2-ethylhexyl)phthalate
Concen: 5.655 ng
RT: 21.070 min Scan# 1997
Delta R.T. 0.000 min
Lab File: BN017390.D
Acq: 10 Nov 2021 20:52

Tgt Ion:149 Resp: 764915

Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.8	32.6
279	4.2	3.4	5.0



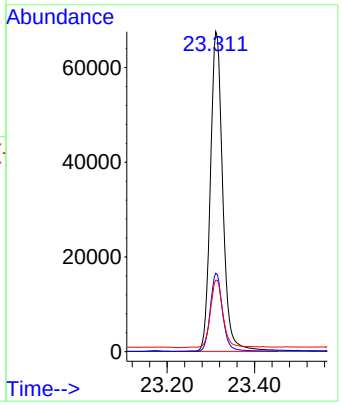


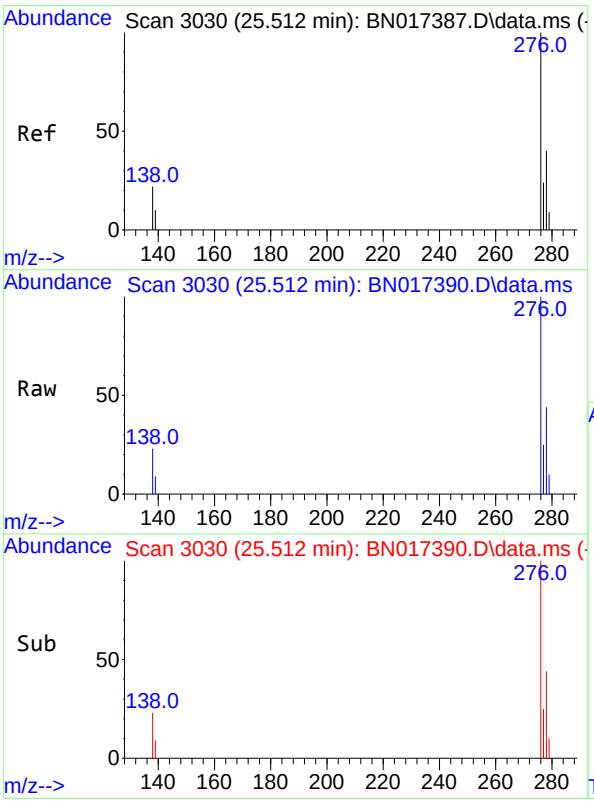
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.311 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN017390.D
Acq: 10 Nov 2021 20:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:264 Resp: 132628

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	22.3	18.6	28.0

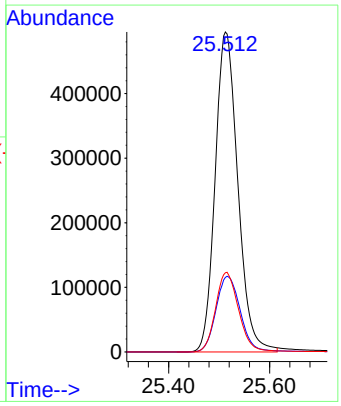


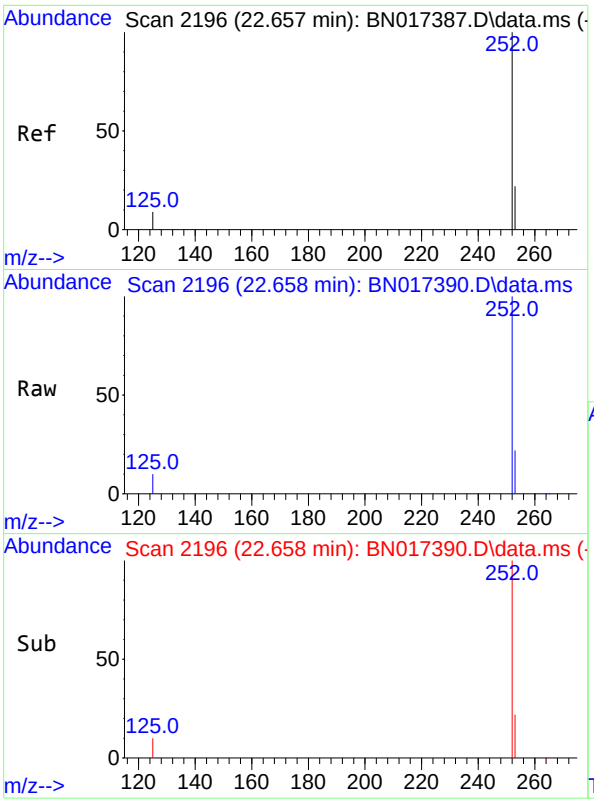


#36
Indeno(1,2,3-cd)pyrene
Concen: 3.327 ng
RT: 25.512 min Scan# 3030
Delta R.T. 0.000 min
Lab File: BN017390.D
Acq: 10 Nov 2021 20:52

Tgt Ion:276 Resp: 1544718

Ion	Ratio	Lower	Upper
276	100		
138	25.3	19.7	29.5
277	25.2	20.0	30.0



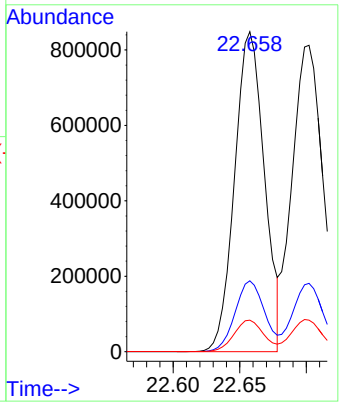


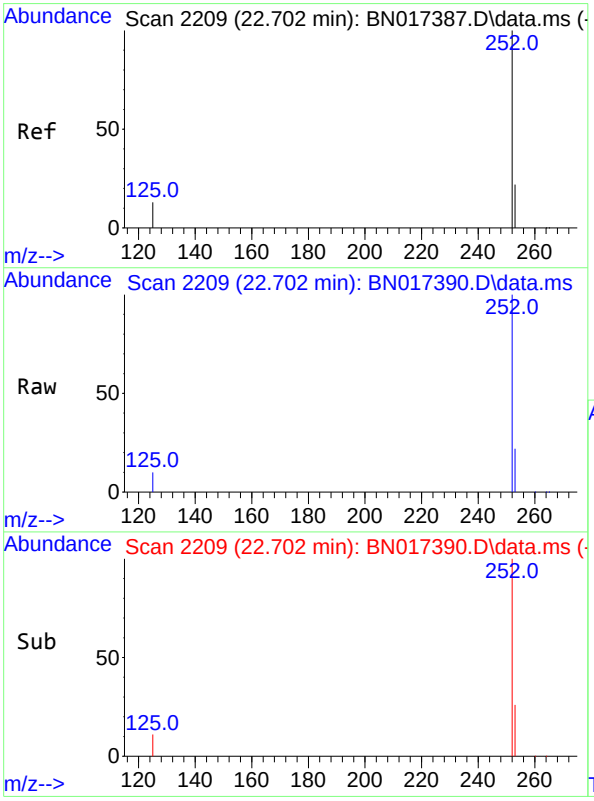
#37
Benzo(b)fluoranthene
Concen: 3.040 ng
RT: 22.658 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN017390.D
Acq: 10 Nov 2021 20:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 1317816

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	9.8	7.8	11.8

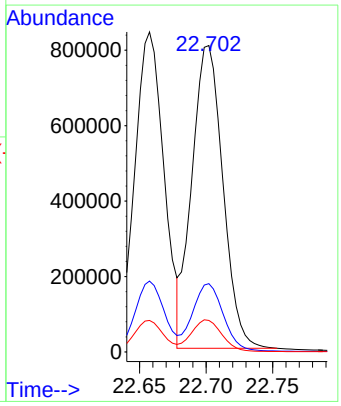


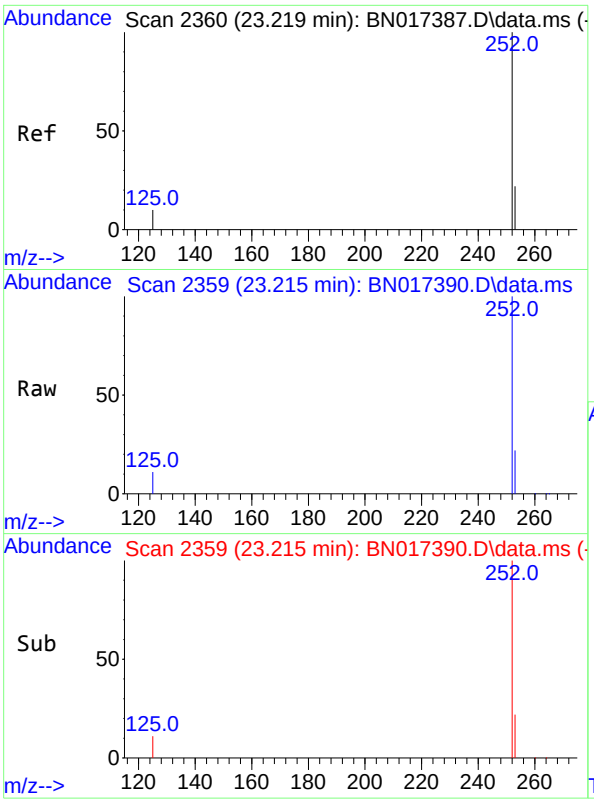


#38
Benzo(k)fluoranthene
Concen: 2.999 ng
RT: 22.702 min Scan# 2209
Delta R.T. 0.000 min
Lab File: BN017390.D
Acq: 10 Nov 2021 20:52

Tgt Ion:252 Resp: 1300565

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	10.3	8.2	12.2



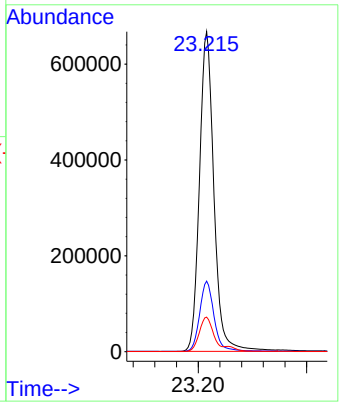


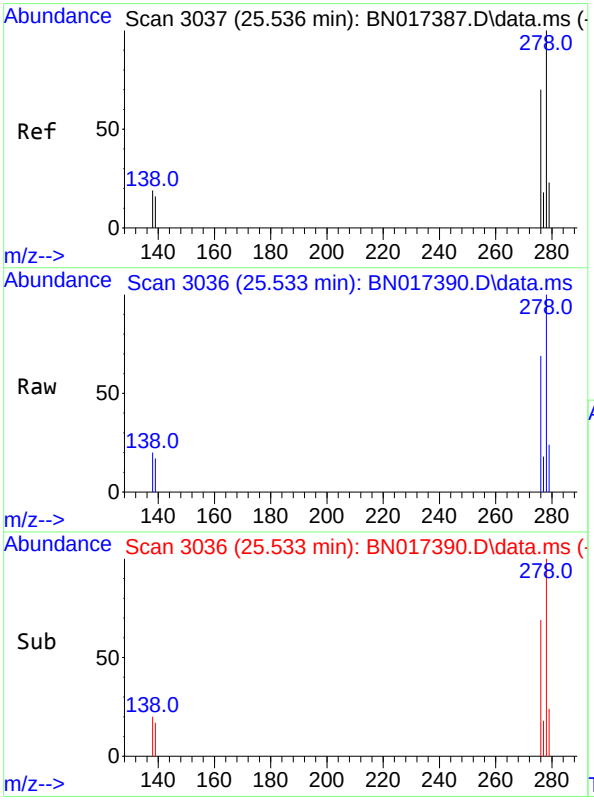
#39
Benzo(a)pyrene
Concen: 3.216 ng
RT: 23.215 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN017390.D
Acq: 10 Nov 2021 20:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 1234230

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	10.8	9.2	13.8

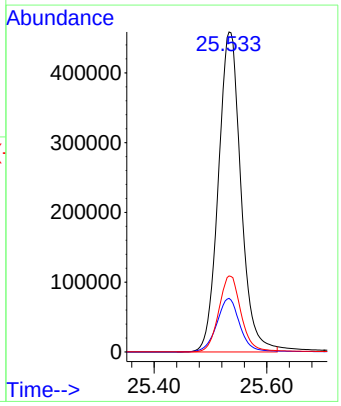


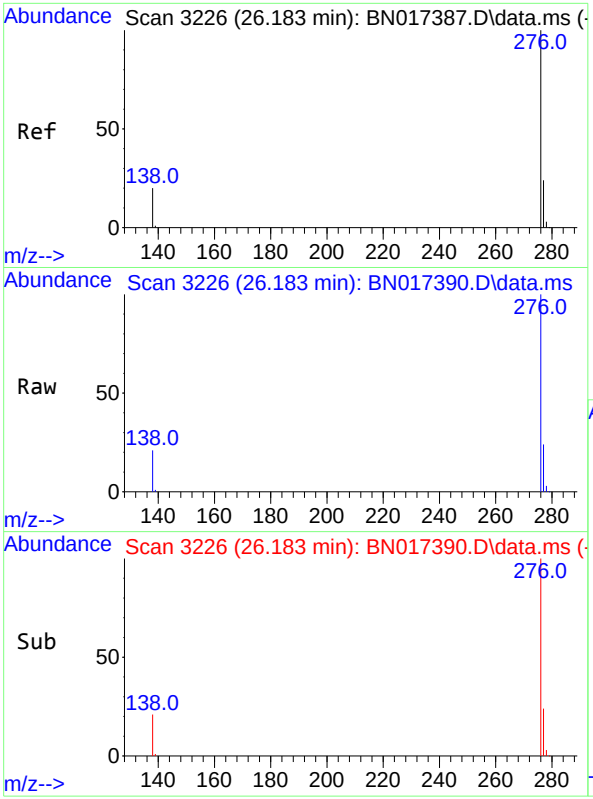


#40
Dibenzo(a,h)anthracene
Concen: 3.407 ng
RT: 25.533 min Scan# 3036
Delta R.T. -0.003 min
Lab File: BN017390.D
Acq: 10 Nov 2021 20:52

Tgt Ion:278 Resp: 1272471

Ion	Ratio	Lower	Upper
278	100		
139	16.8	13.0	19.6
279	23.7	19.2	28.8





#41
Benzo(g,h,i)perylene
Concen: 3.353 ng
RT: 26.183 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN017390.D
Acq: 10 Nov 2021 20:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 1350722

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	21.4	17.1	25.7