Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050422\
Data File : BN019659.D
Acq On : 04 May 2022 11:34
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: May 04 14:32:28 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN050422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 14:30:32 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.869	152	5574	0.400	ng		0.00
7) Naphthalene-d8	10.648	136	15812	0.400	ng		# 0.00
13) Acenaphthene-d10	14.484	164	8718	0.400	ng		0.00
19) Phenanthrene-d10	17.215	188	18165	0.400	ng		0.00
29) Chrysene-d12	21.404	240	14429	0.400	ng		# 0.00
35) Perylene-d12	23.747	264	12306	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.449	112	2683	0.195	ng		0.00
5) Phenol-d6	7.024	99	3209	0.195	ng		0.00
8) Nitrobenzene-d5	9.003	82	2597	0.231	ng		0.00
11) 2-Methylnaphthalene-d10	12.238	152	4820	0.196	ng		0.00
14) 2,4,6-Tribromophenol	15.964	330	563	0.202	ng		0.00
15) 2-Fluorobiphenyl	13.116	172	7639	0.205	ng		0.01
27) Fluoranthene-d10	19.248	212	9143	0.177	ng		0.00
31) Terphenyl-d14	19.847	244	6654	0.210	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.369	88	1290	0.198	ng		97
3) n-Nitrosodimethylamine	3.680	42	1291	0.254	ng	#	85
6) bis(2-Chloroethyl)ether	7.291	93	3225	0.230	ng		99
9) Naphthalene	10.701	128	8756	0.194	ng		99
10) Hexachlorobutadiene	11.000	225	1688	0.197	ng	#	100
12) 2-Methylnaphthalene	12.310	142	5636	0.198	ng		99
16) Acenaphthylene	14.196	152	7622	0.194	ng		99
17) Acenaphthene	14.538	154	5382	0.191	ng		99
18) Fluorene	15.521	166	6612	0.192	ng		100
20) 4,6-Dinitro-2-methylph...	15.596	198	486	0.209	ng		93
21) 4-Bromophenyl-phenylether	16.415	248	2169	0.195	ng	#	82
22) Hexachlorobenzene	16.528	284	2474	0.190	ng		98
23) Atrazine	16.682	200	1388	0.211	ng		93
24) Pentachlorophenol	16.866	266	792	0.181	ng		96
25) Phenanthrene	17.256	178	11319	0.186	ng		100
26) Anthracene	17.349	178	9111	0.181	ng		99
28) Fluoranthene	19.278	202	11278	0.172	ng		99
30) Pyrene	19.640	202	11490	0.194	ng		100
32) Benzo(a)anthracene	21.386	228	9183	0.176	ng		99
33) Chrysene	21.440	228	10590	0.186	ng		99
34) Bis(2-ethylhexyl)phtha...	21.324	149	5215	0.219	ng	#	98
36) Indeno(1,2,3-cd)pyrene	26.156	276	10130	0.171	ng		99
37) Benzo(b)fluoranthene	23.033	252	9033	0.180	ng		100
38) Benzo(k)fluoranthene	23.080	252	9883	0.195	ng		99
39) Benzo(a)pyrene	23.641	252	6710	0.171	ng		100
40) Dibenzo(a,h)anthracene	26.170	278	8224	0.171	ng		98
41) Benzo(g,h,i)perylene	26.881	276	8043	0.158	ng		98

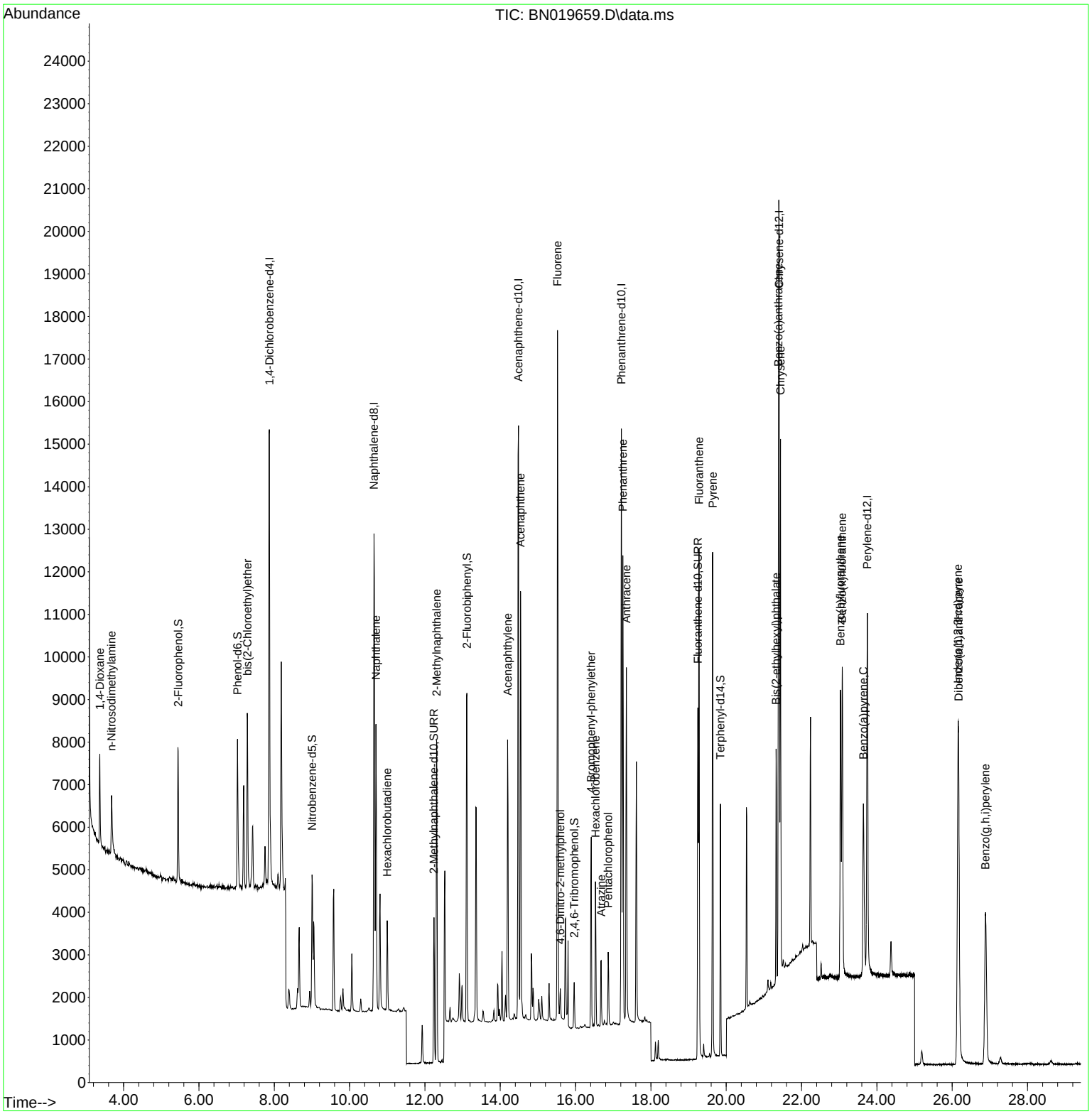
(#) = qualifier out of range (m) = manual integration (+) = signals summed

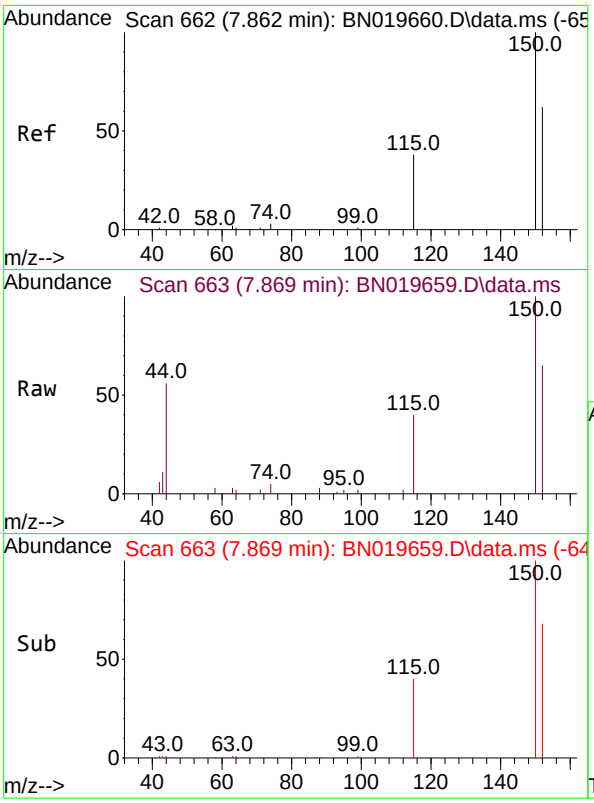
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050422\
Data File : BN019659.D
Acq On : 04 May 2022 11:34
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: May 04 14:32:28 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN050422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 14:30:32 2022
Response via : Initial Calibration



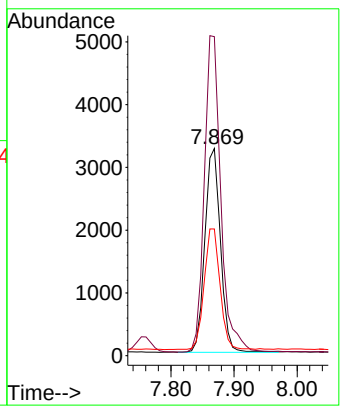


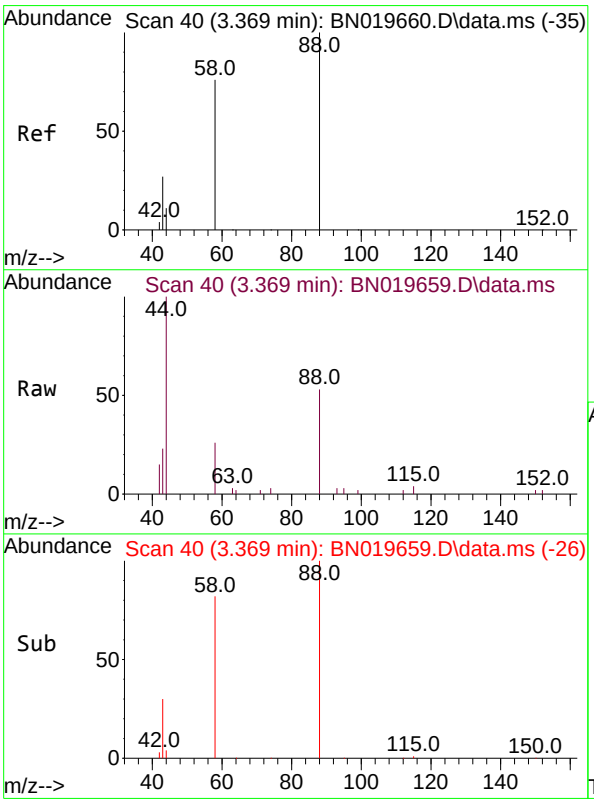
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.869 min Scan# 6
Delta R.T. 0.007 min
Lab File: BN019659.D
Acq: 04 May 2022 11:34

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 5574

Ion	Ratio	Lower	Upper
152	100		
150	154.0	122.6	183.8
115	61.2	49.0	73.6

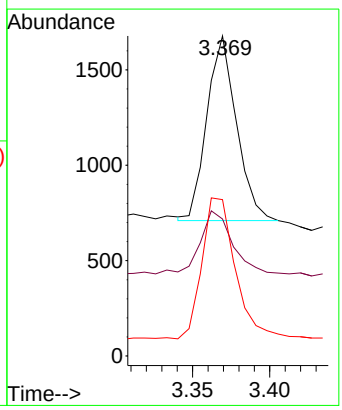


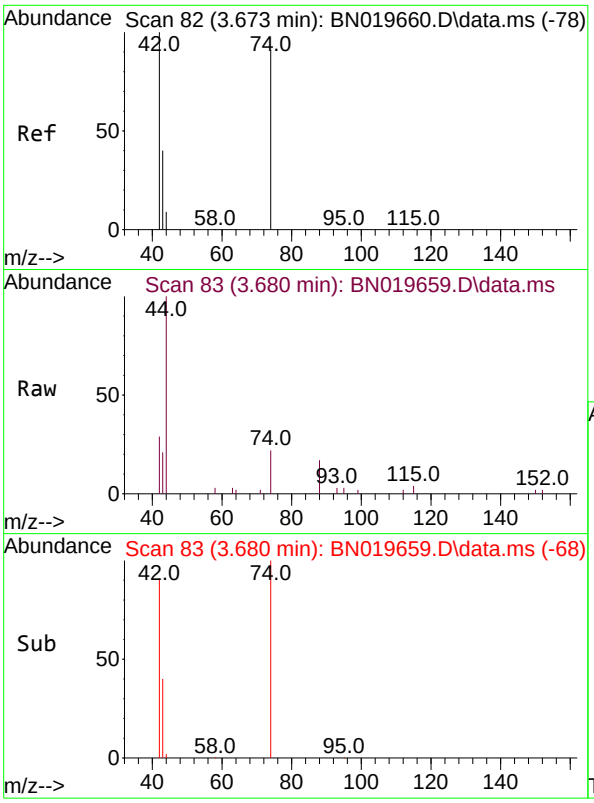


#2
1,4-Dioxane
Concen: 0.198 ng
RT: 3.369 min Scan# 40
Delta R.T. -0.000 min
Lab File: BN019659.D
Acq: 04 May 2022 11:34

Tgt Ion: 88 Resp: 1290

Ion	Ratio	Lower	Upper
88	100		
43	36.5	25.2	37.8
58	85.3	67.6	101.4



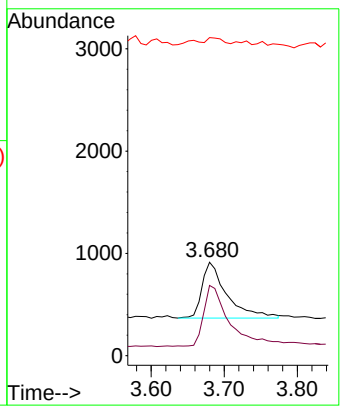


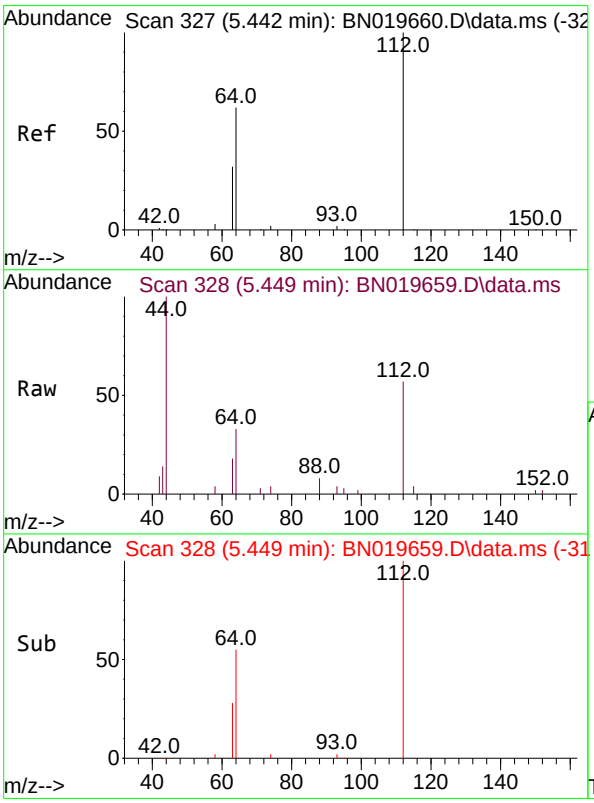
#3
n-Nitrosodimethylamine
Concen: 0.254 ng
RT: 3.680 min Scan# 8
Delta R.T. 0.007 min
Lab File: BN019659.D
Acq: 04 May 2022 11:34

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 1291

Ion	Ratio	Lower	Upper
42	100		
74	110.0	101.8	152.6
44	6.7	8.4	12.6#

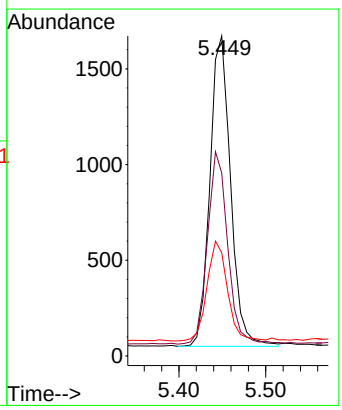


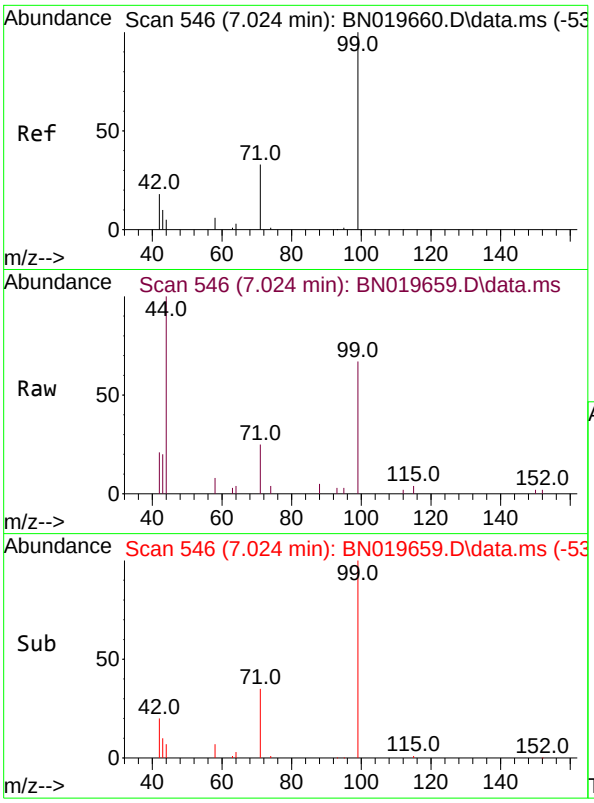


#4
2-Fluorophenol
Concen: 0.195 ng
RT: 5.449 min Scan# 328
Delta R.T. 0.007 min
Lab File: BN019659.D
Acq: 04 May 2022 11:34

Tgt Ion:112 Resp: 2683

Ion	Ratio	Lower	Upper
112	100		
64	61.1	47.3	70.9
63	31.6	24.6	36.8



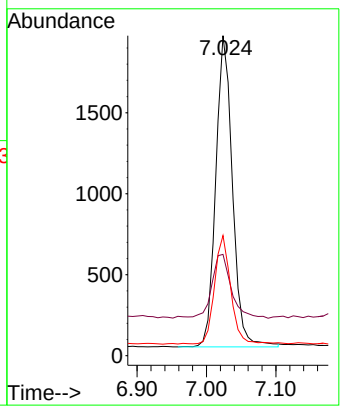


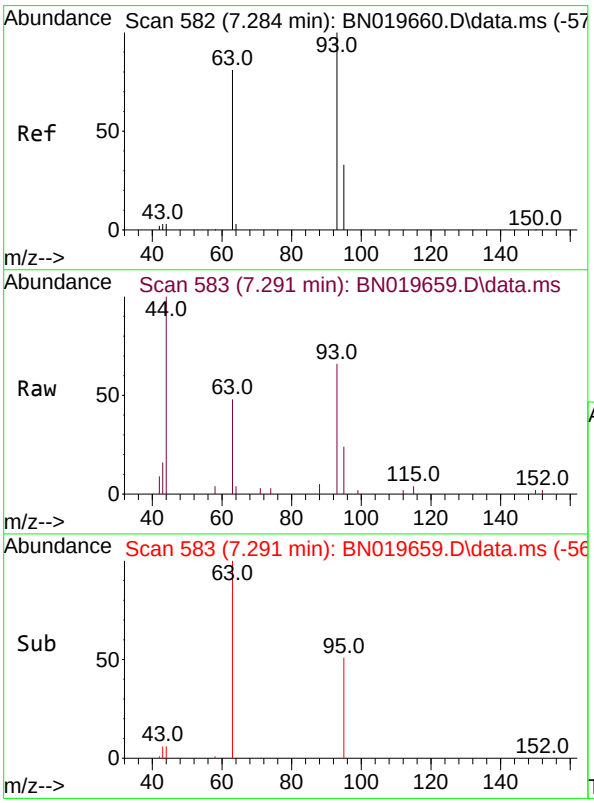
#5
Phenol-d6
Concen: 0.195 ng
RT: 7.024 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN019659.D
Acq: 04 May 2022 11:34

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 3209

Ion	Ratio	Lower	Upper
99	100		
42	24.2	15.8	23.8#
71	33.6	26.5	39.7

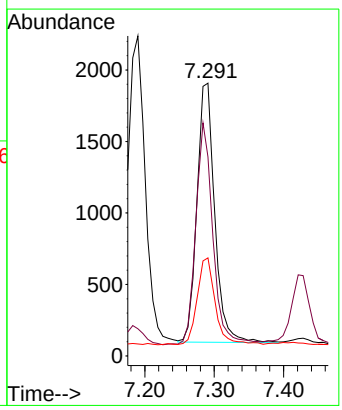


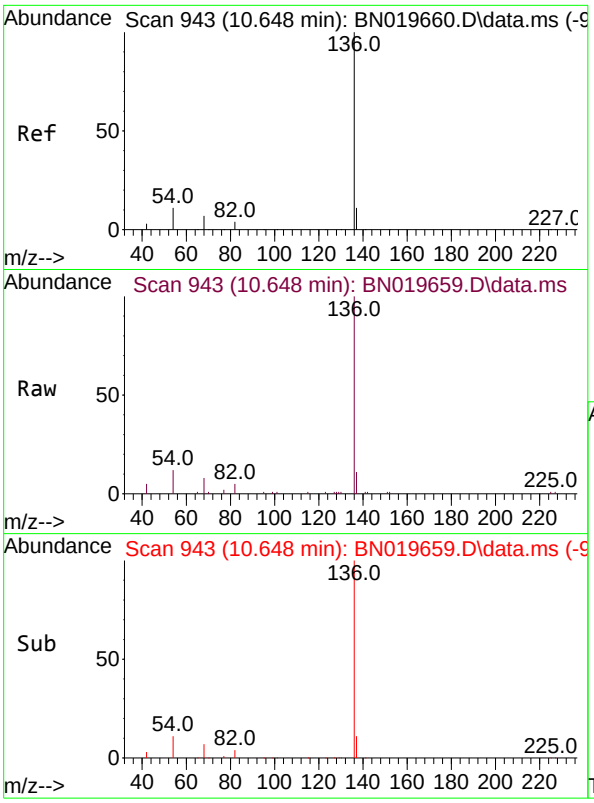


#6
bis(2-Chloroethyl)ether
Concen: 0.230 ng
RT: 7.291 min Scan# 583
Delta R.T. 0.007 min
Lab File: BN019659.D
Acq: 04 May 2022 11:34

Tgt Ion: 93 Resp: 3225

Ion	Ratio	Lower	Upper
93	100		
63	83.1	65.8	98.8
95	33.6	27.4	41.2



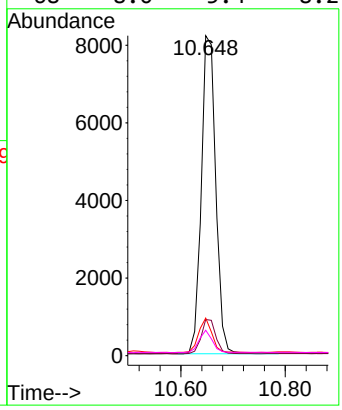


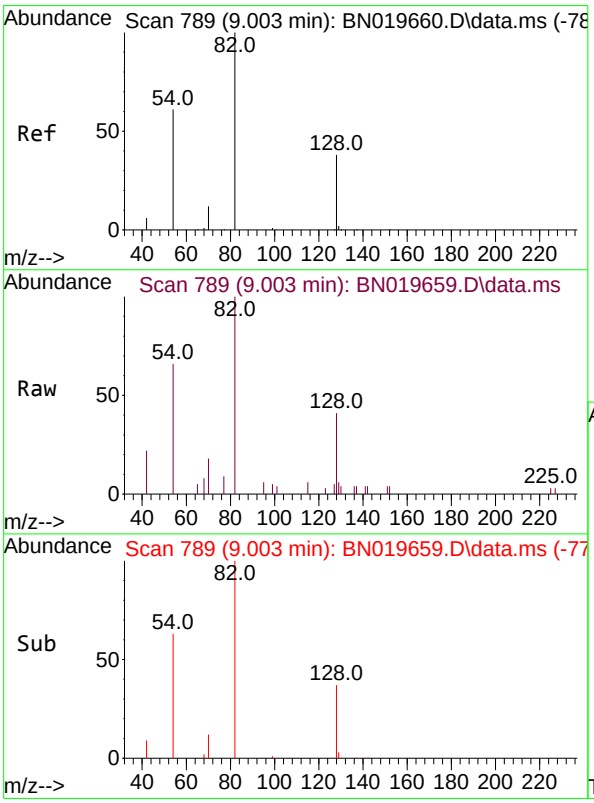
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN019659.D
Acq: 04 May 2022 11:34

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 15812

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	11.8	7.8	11.6#
68	8.0	5.4	8.2

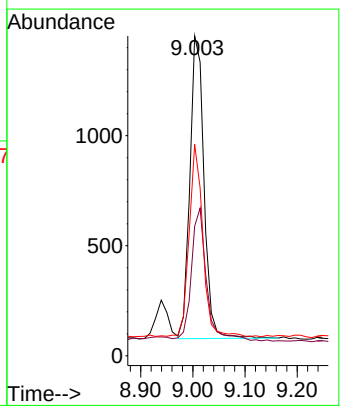


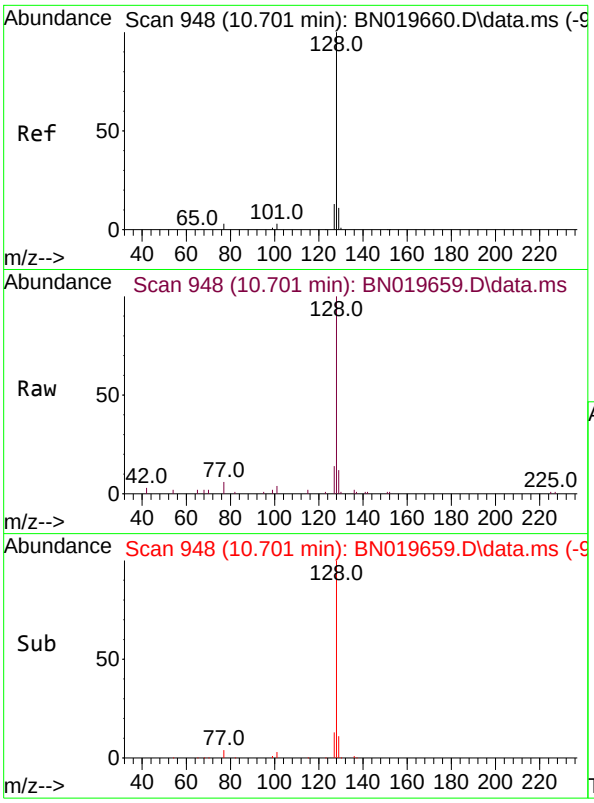


#8
Nitrobenzene-d5
Concen: 0.231 ng
RT: 9.003 min Scan# 789
Delta R.T. 0.000 min
Lab File: BN019659.D
Acq: 04 May 2022 11:34

Tgt Ion: 82 Resp: 2597

Ion	Ratio	Lower	Upper
82	100		
128	40.5	32.4	48.6
54	66.1	44.4	66.6



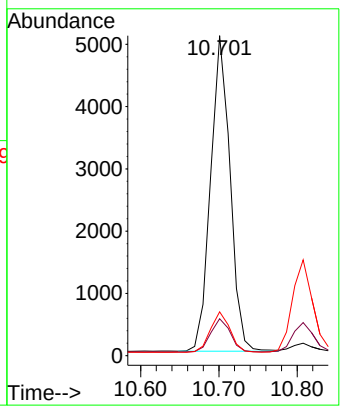


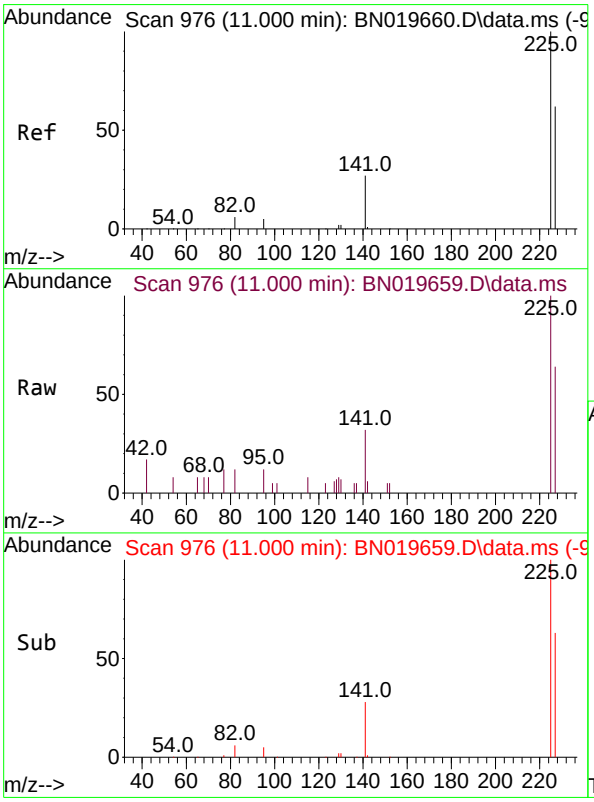
#9
Naphthalene
Concen: 0.194 ng
RT: 10.701 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN019659.D
Acq: 04 May 2022 11:34

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 8756

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.4
127	13.7	10.8	16.2

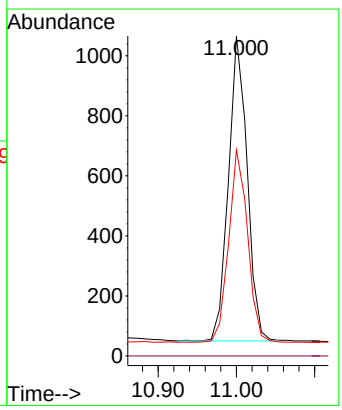


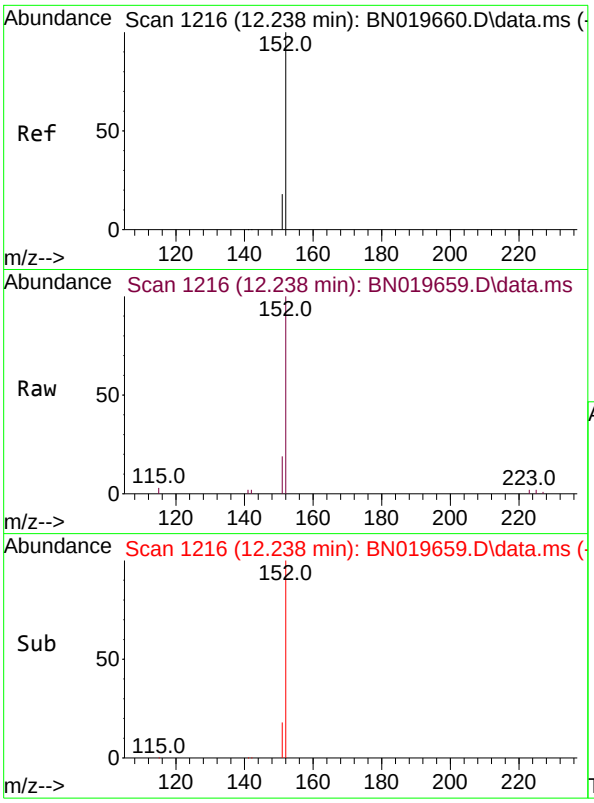


#10
Hexachlorobutadiene
Concen: 0.197 ng
RT: 11.000 min Scan# 976
Delta R.T. -0.000 min
Lab File: BN019659.D
Acq: 04 May 2022 11:34

Tgt Ion:225 Resp: 1688

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	50.8	76.2



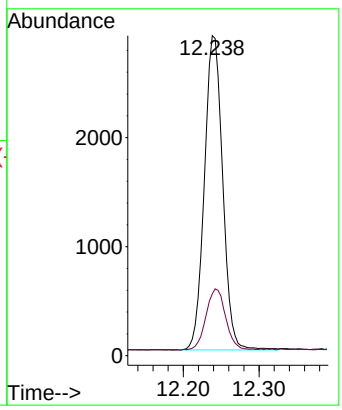


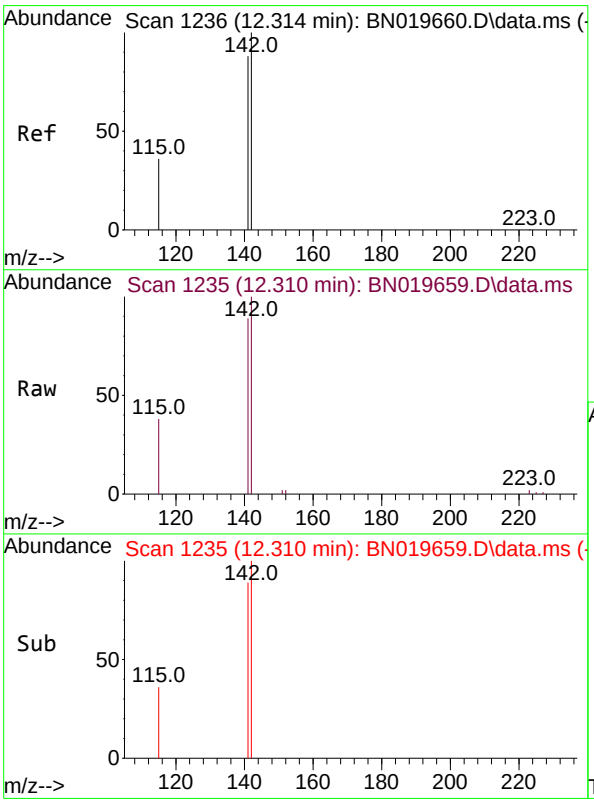
#11
2-Methylnaphthalene-d10
Concen: 0.196 ng
RT: 12.238 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019659.D
Acq: 04 May 2022 11:34

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 4820

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.2	24.4

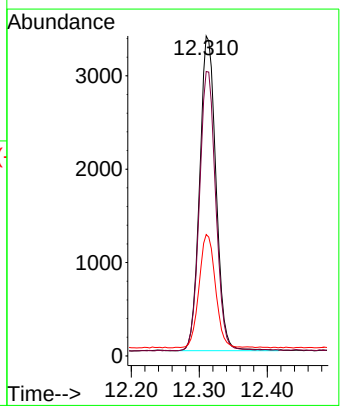


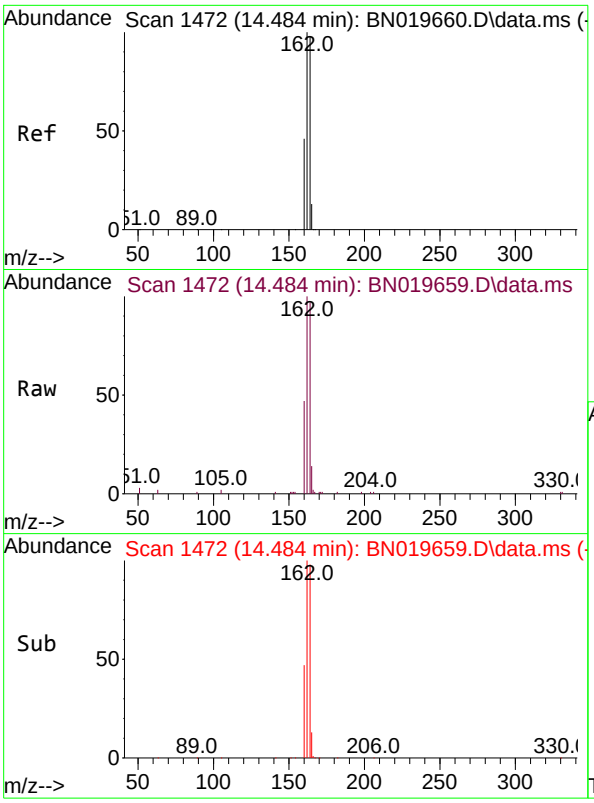


#12
2-Methylnaphthalene
Concen: 0.198 ng
RT: 12.310 min Scan# 1235
Delta R.T. -0.004 min
Lab File: BN019659.D
Acq: 04 May 2022 11:34

Tgt Ion:142 Resp: 5636

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.0	106.6
115	37.9	29.6	44.4



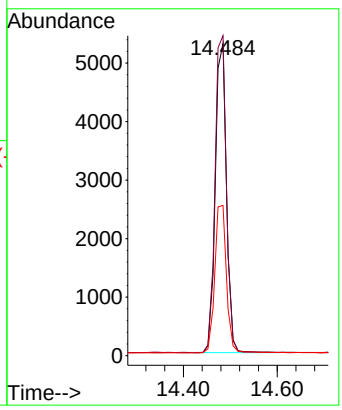


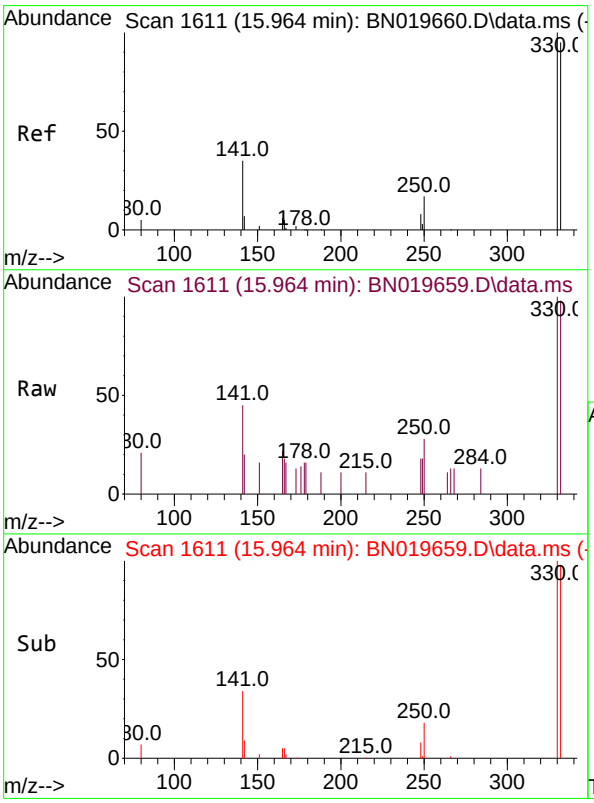
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN019659.D
Acq: 04 May 2022 11:34

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 8718

Ion	Ratio	Lower	Upper
164	100		
162	102.6	81.8	122.6
160	48.2	38.3	57.5

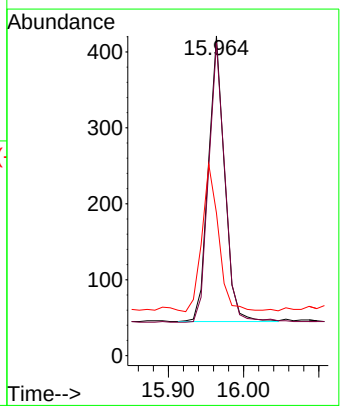


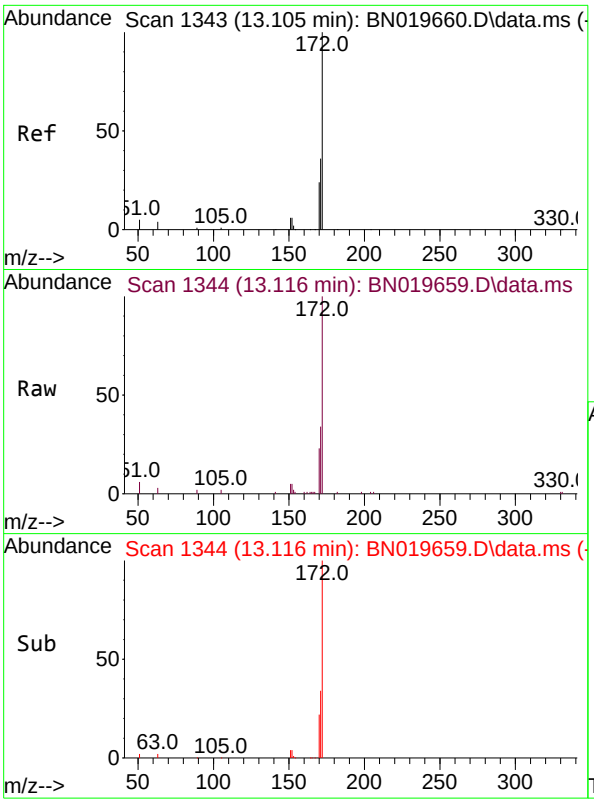


#14
2,4,6-Tribromophenol
Concen: 0.202 ng
RT: 15.964 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BN019659.D
Acq: 04 May 2022 11:34

Tgt Ion:330 Resp: 563

Ion	Ratio	Lower	Upper
330	100		
332	98.2	76.2	114.4
141	53.3	39.7	59.5



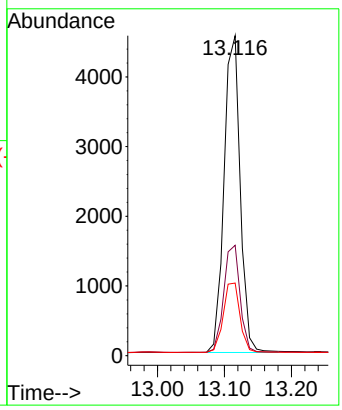


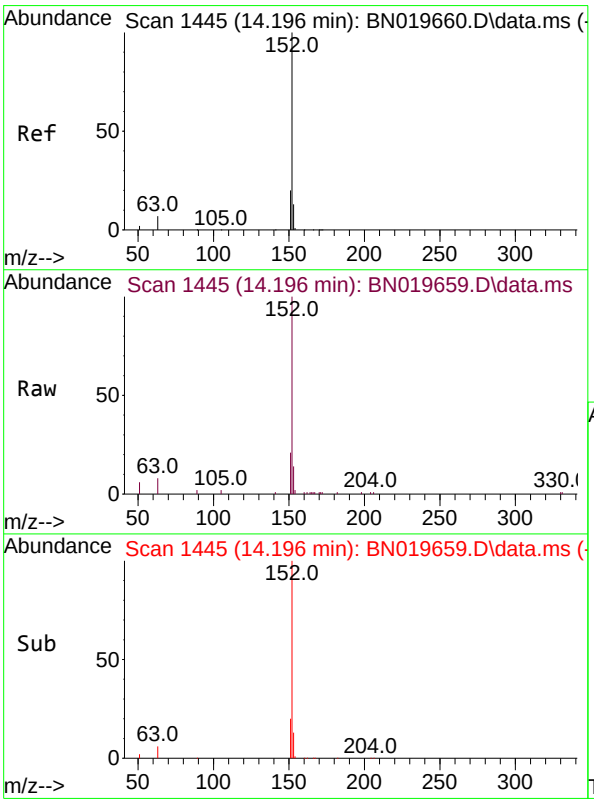
#15
2-Fluorobiphenyl
Concen: 0.205 ng
RT: 13.116 min Scan# 1
Delta R.T. 0.011 min
Lab File: BN019659.D
Acq: 04 May 2022 11:34

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 7639

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.0	42.0
170	22.7	19.0	28.4

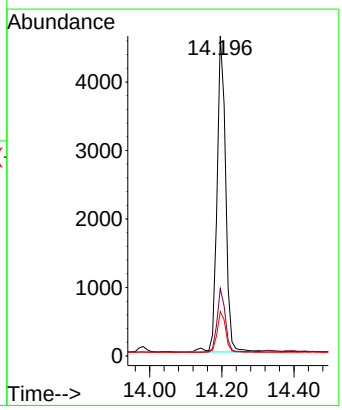


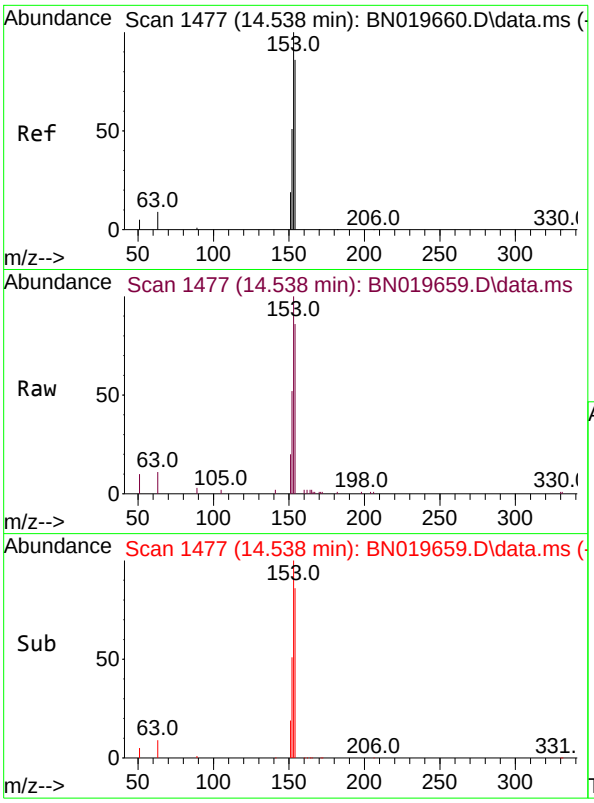


#16
Acenaphthylene
Concen: 0.194 ng
RT: 14.196 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BN019659.D
Acq: 04 May 2022 11:34

Tgt Ion:152 Resp: 7622

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.2	24.4
153	12.8	10.5	15.7



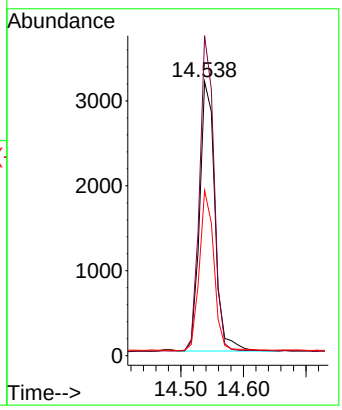


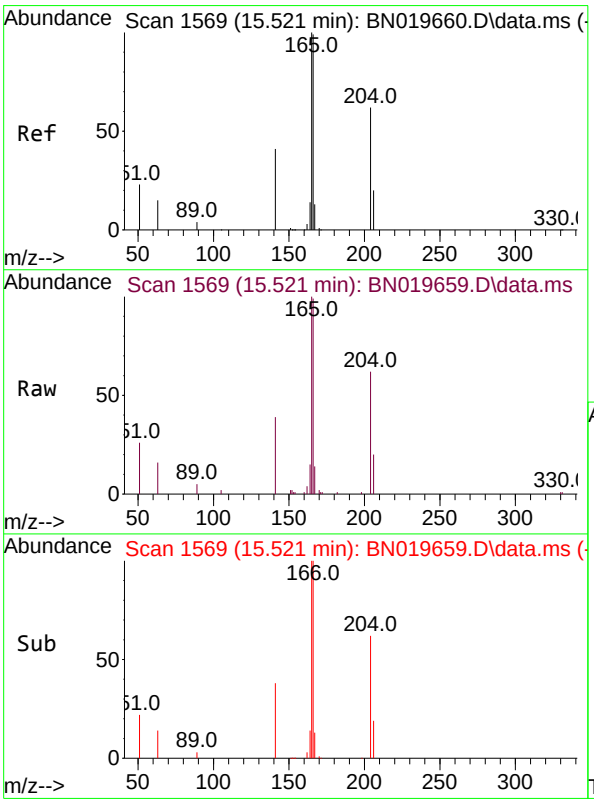
#17
Acenaphthene
Concen: 0.191 ng
RT: 14.538 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN019659.D
Acq: 04 May 2022 11:34

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 5382

Ion	Ratio	Lower	Upper
154	100		
153	110.4	89.3	133.9
152	56.6	44.1	66.1

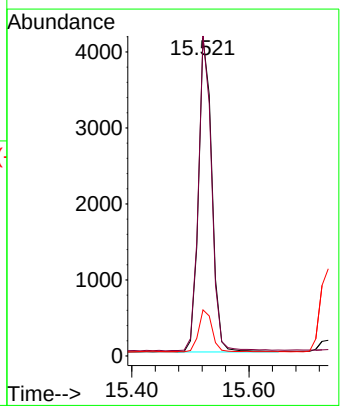


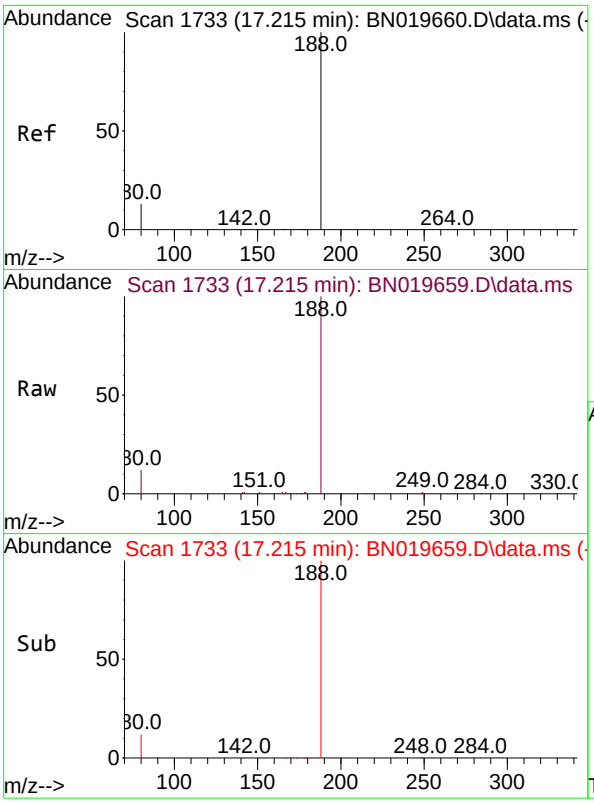


#18
Fluorene
Concen: 0.192 ng
RT: 15.521 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BN019659.D
Acq: 04 May 2022 11:34

Tgt Ion:166 Resp: 6612

Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.1	118.7
167	13.2	10.7	16.1



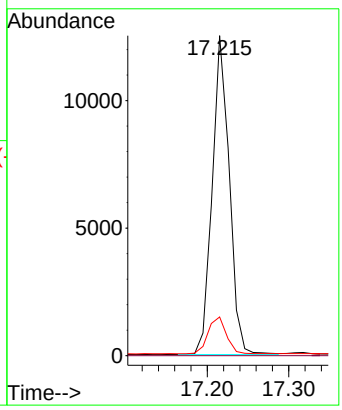


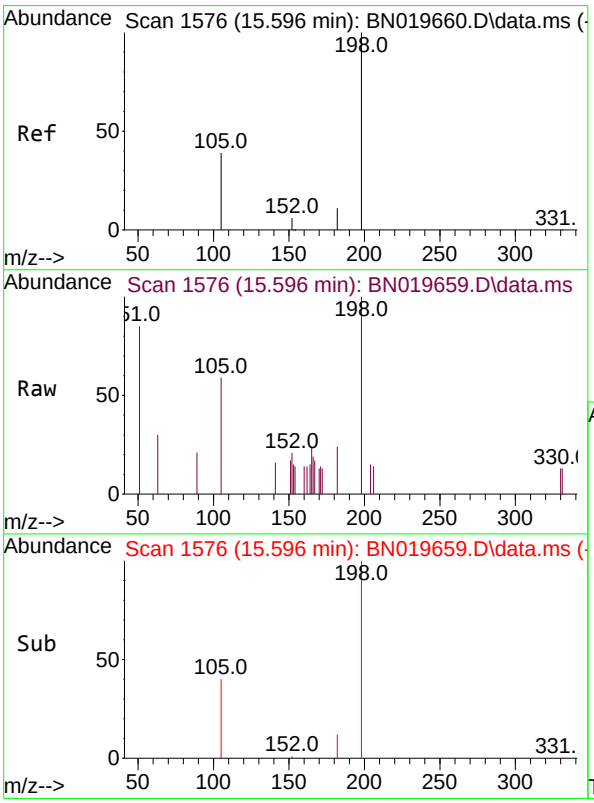
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.215 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019659.D
Acq: 04 May 2022 11:34

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 18165

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.1	8.6	12.8

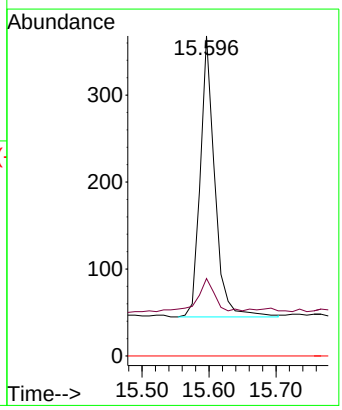


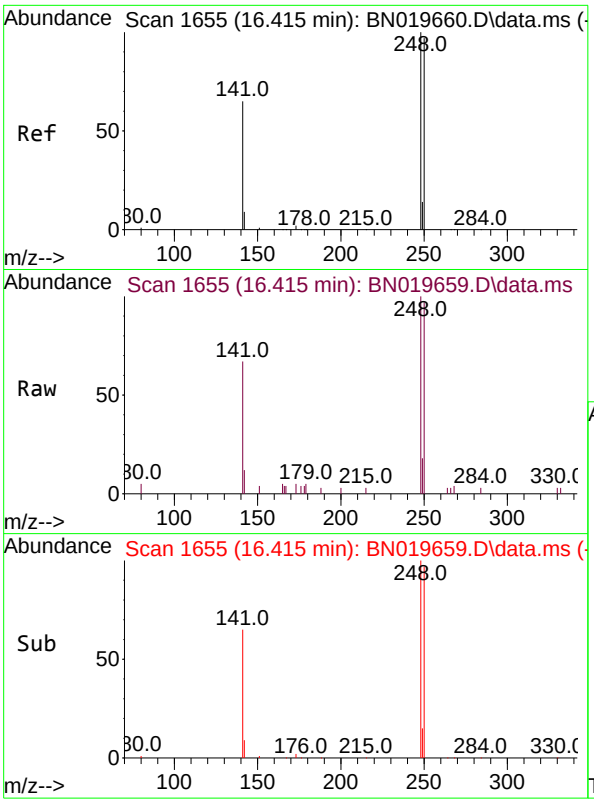


#20
4,6-Dinitro-2-methylphenol
Concen: 0.209 ng
RT: 15.596 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BN019659.D
Acq: 04 May 2022 11:34

Tgt Ion:198 Resp: 486

Ion	Ratio	Lower	Upper
198	100		
182	24.2	16.9	25.3
77	0.0	0.0	0.0



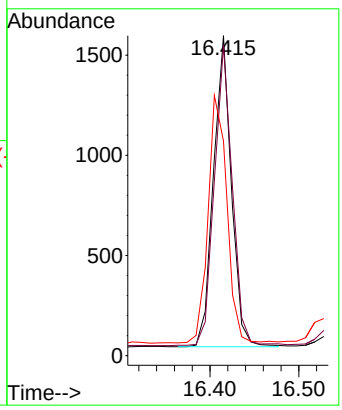


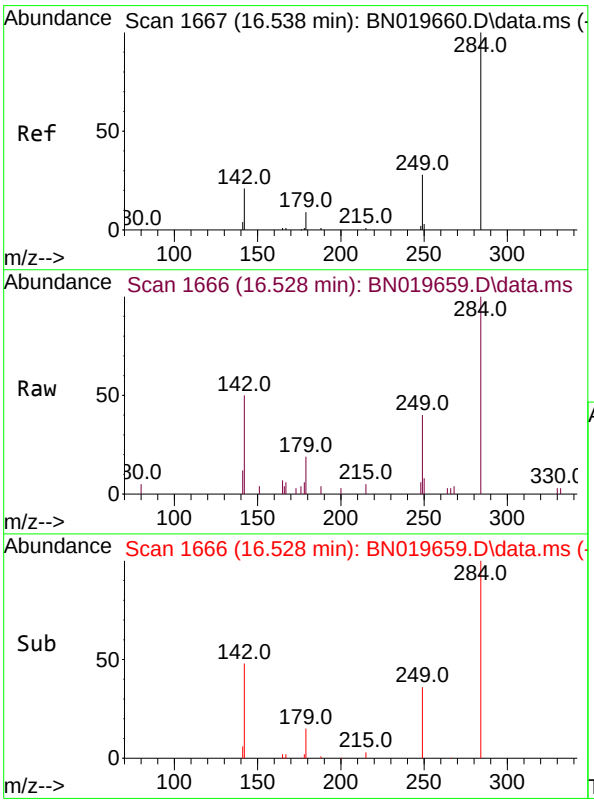
#21
4-Bromophenyl-phenylether
Concen: 0.195 ng
RT: 16.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019659.D
Acq: 04 May 2022 11:34

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:248 Resp: 2169

Ion	Ratio	Lower	Upper
248	100		
250	97.0	75.5	113.3
141	67.1	79.9	119.9#

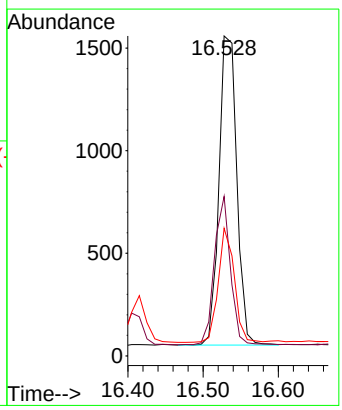


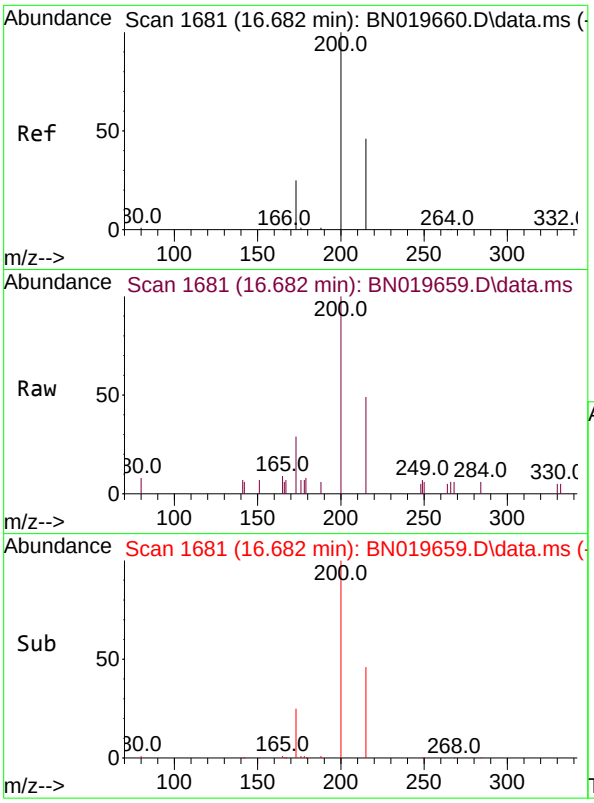


#22
Hexachlorobenzene
Concen: 0.190 ng
RT: 16.528 min Scan# 1666
Delta R.T. -0.010 min
Lab File: BN019659.D
Acq: 04 May 2022 11:34

Tgt Ion:284 Resp: 2474

Ion	Ratio	Lower	Upper
284	100		
142	43.2	33.2	49.8
249	33.2	26.4	39.6



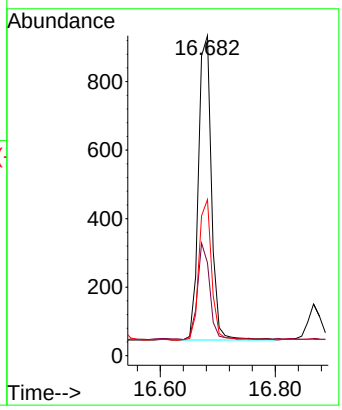


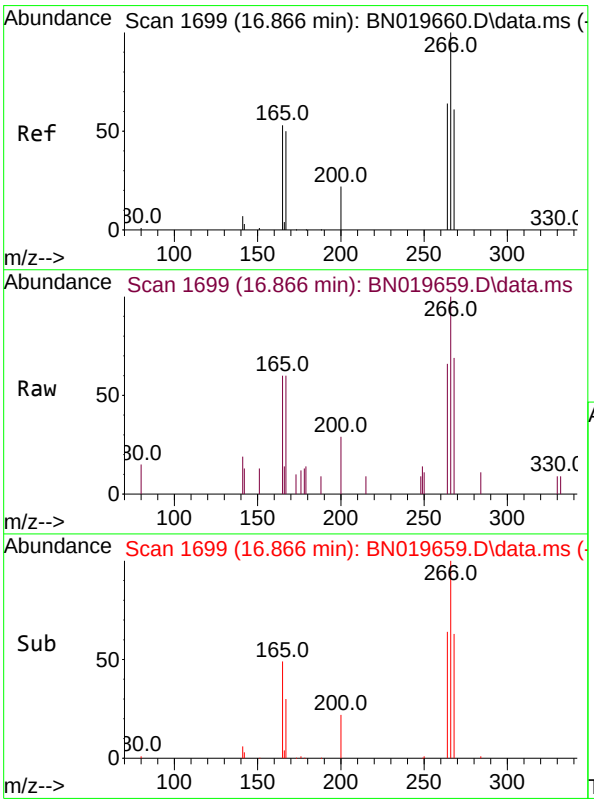
#23
Atrazine
Concen: 0.211 ng
RT: 16.682 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN019659.D
Acq: 04 May 2022 11:34

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:200 Resp: 1388

Ion	Ratio	Lower	Upper
200	100		
173	29.0	28.5	42.7
215	48.8	37.0	55.4

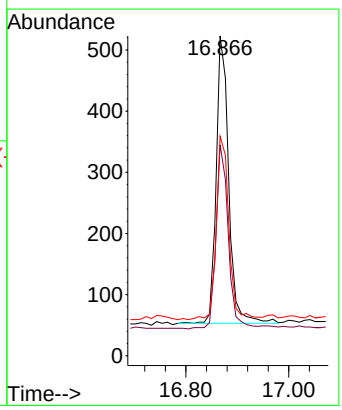


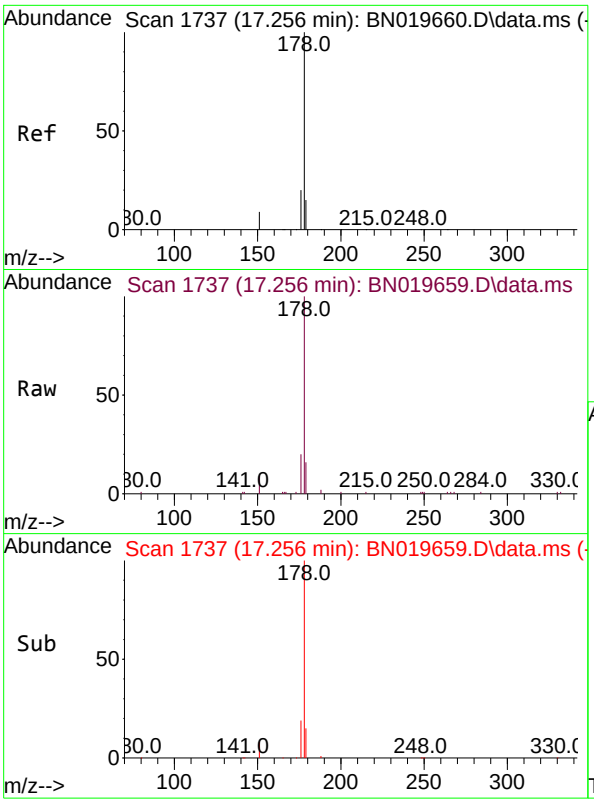


#24
Pentachlorophenol
Concen: 0.181 ng
RT: 16.866 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BN019659.D
Acq: 04 May 2022 11:34

Tgt Ion:266 Resp: 792

Ion	Ratio	Lower	Upper
266	100		
264	62.9	48.0	72.0
268	64.1	54.2	81.2



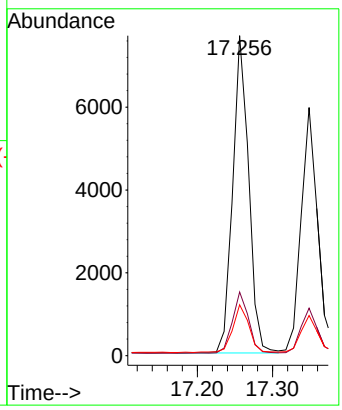


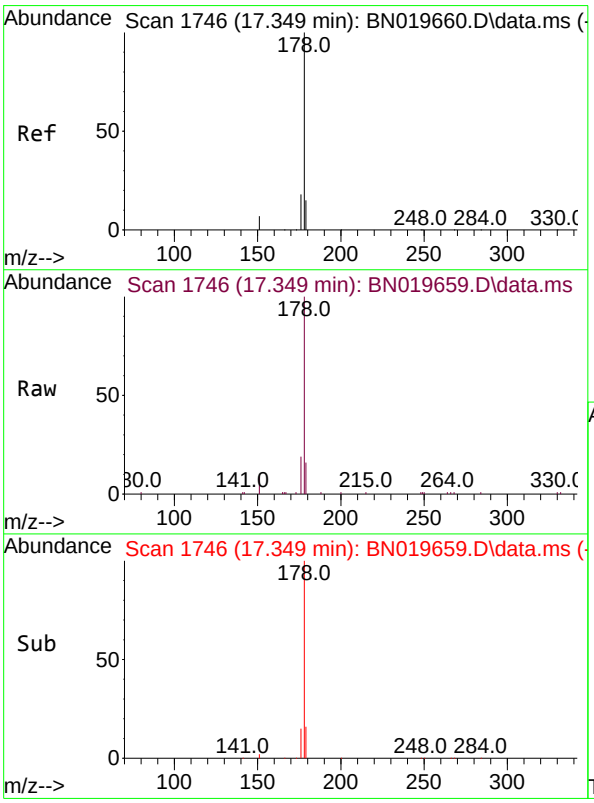
#25
Phenanthrene
Concen: 0.186 ng
RT: 17.256 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019659.D
Acq: 04 May 2022 11:34

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 11319

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.4	12.1	18.1

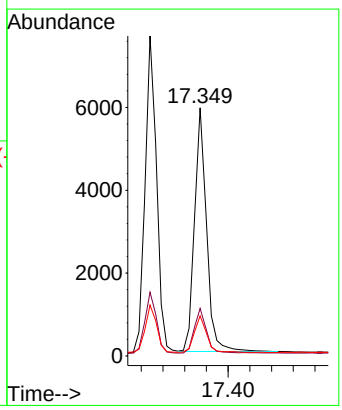


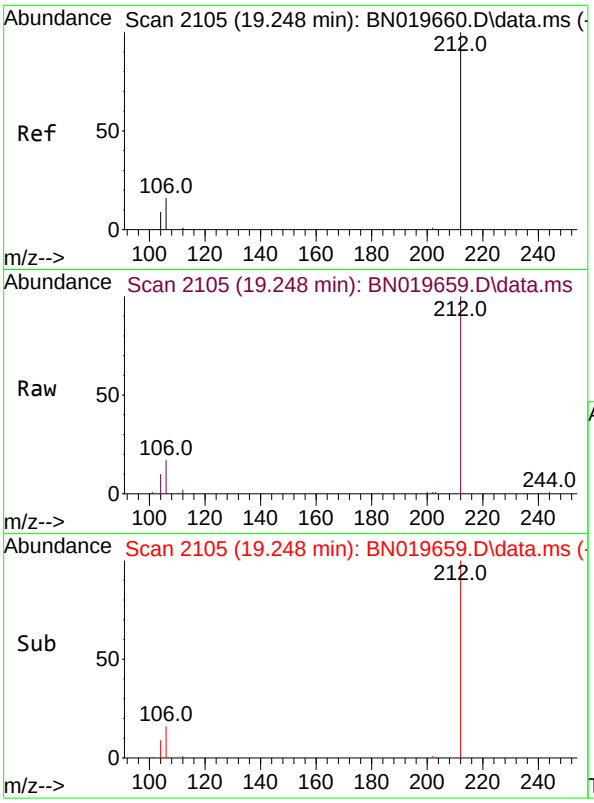


#26
Anthracene
Concen: 0.181 ng
RT: 17.349 min Scan# 1746
Delta R.T. -0.000 min
Lab File: BN019659.D
Acq: 04 May 2022 11:34

Tgt Ion:178 Resp: 9111

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.3	21.5
179	15.0	12.2	18.4



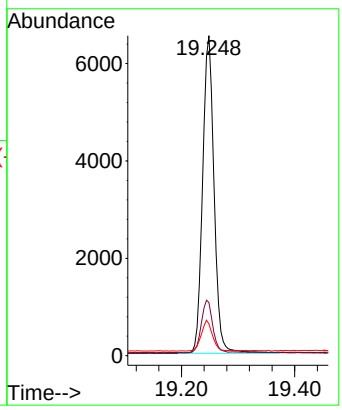


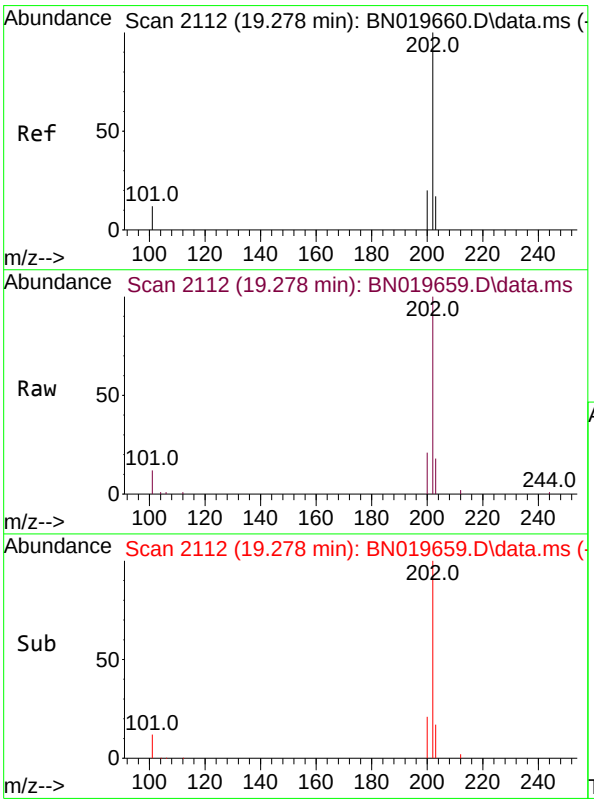
#27
Fluoranthene-d10
Concen: 0.177 ng
RT: 19.248 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN019659.D
Acq: 04 May 2022 11:34

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 9143

Ion	Ratio	Lower	Upper
212	100		
106	16.4	13.5	20.3
104	9.4	7.6	11.4

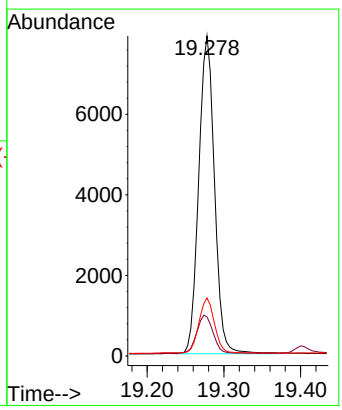


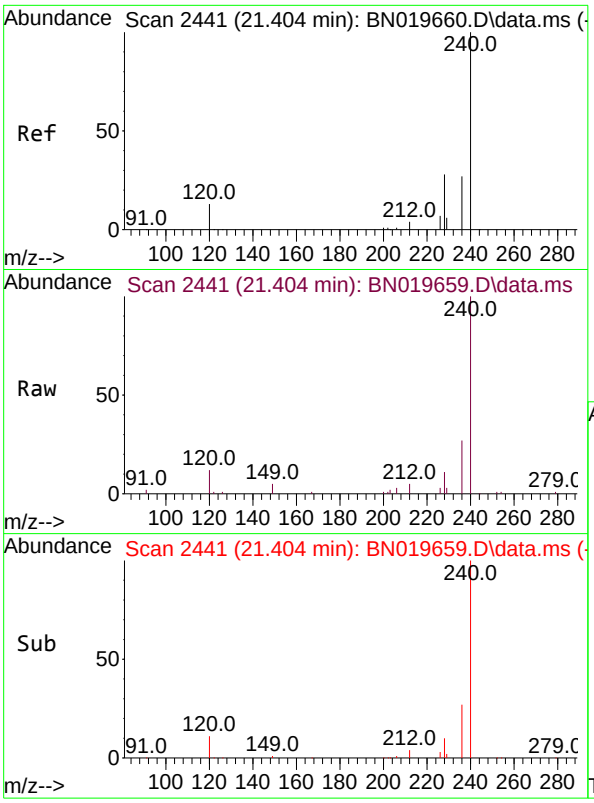


#28
Fluoranthene
Concen: 0.172 ng
RT: 19.278 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BN019659.D
Acq: 04 May 2022 11:34

Tgt Ion:202 Resp: 11278

Ion	Ratio	Lower	Upper
202	100		
101	12.7	10.6	15.8
203	16.8	13.6	20.4



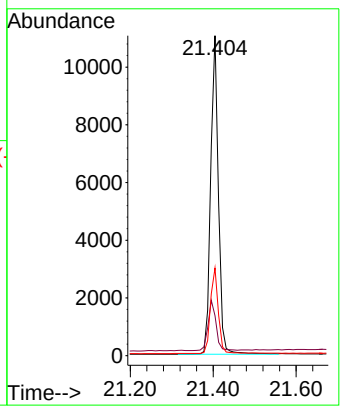


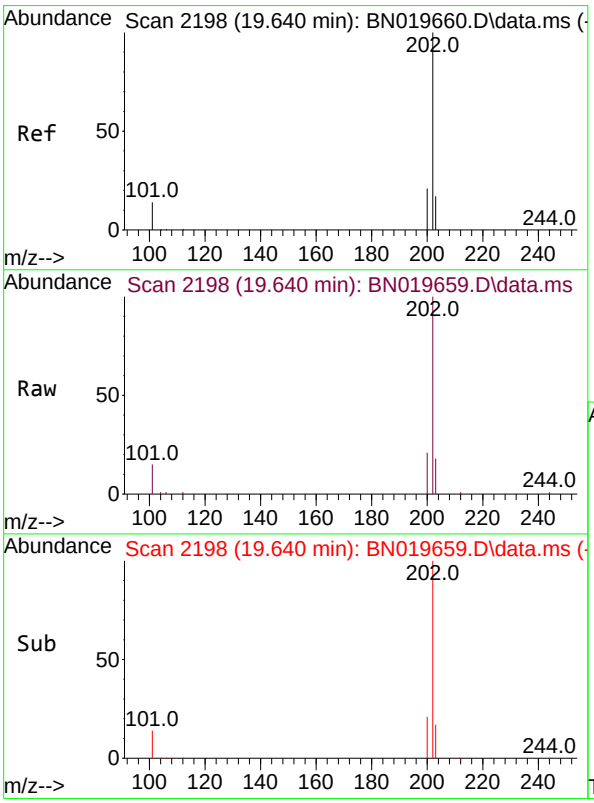
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.404 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN019659.D
Acq: 04 May 2022 11:34

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 14429

Ion	Ratio	Lower	Upper
240	100		
120	12.5	17.4	26.2#
236	27.4	23.0	34.4

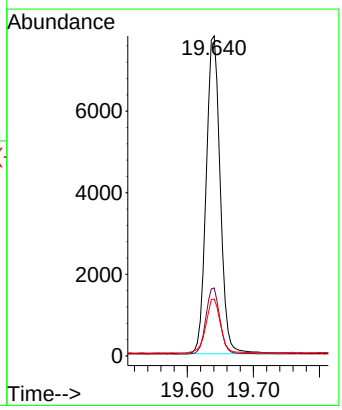


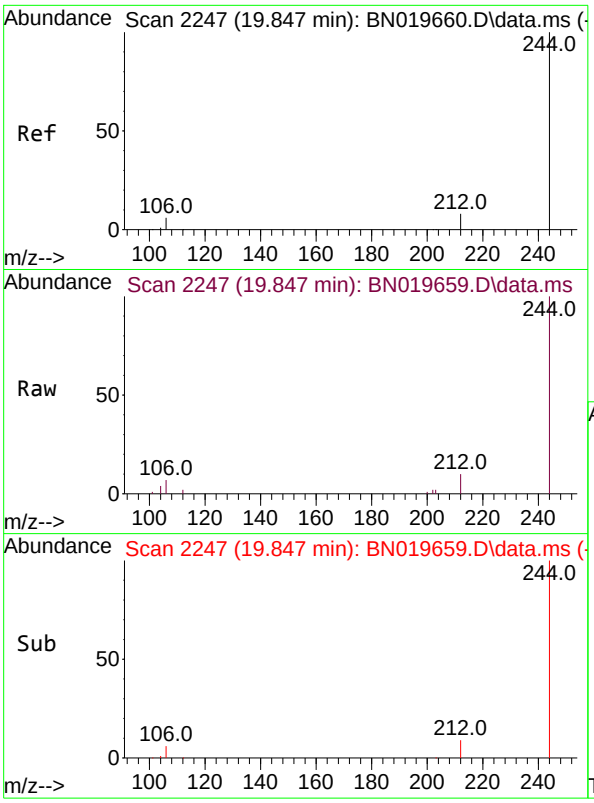


#30
Pyrene
Concen: 0.194 ng
RT: 19.640 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BN019659.D
Acq: 04 May 2022 11:34

Tgt Ion:202 Resp: 11490

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.7	25.1
203	17.6	14.2	21.4



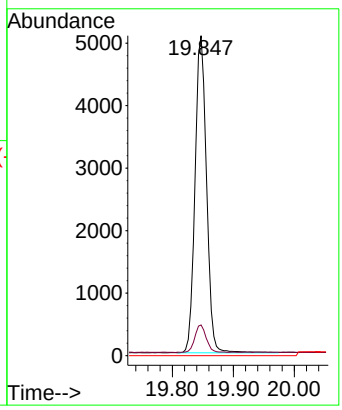


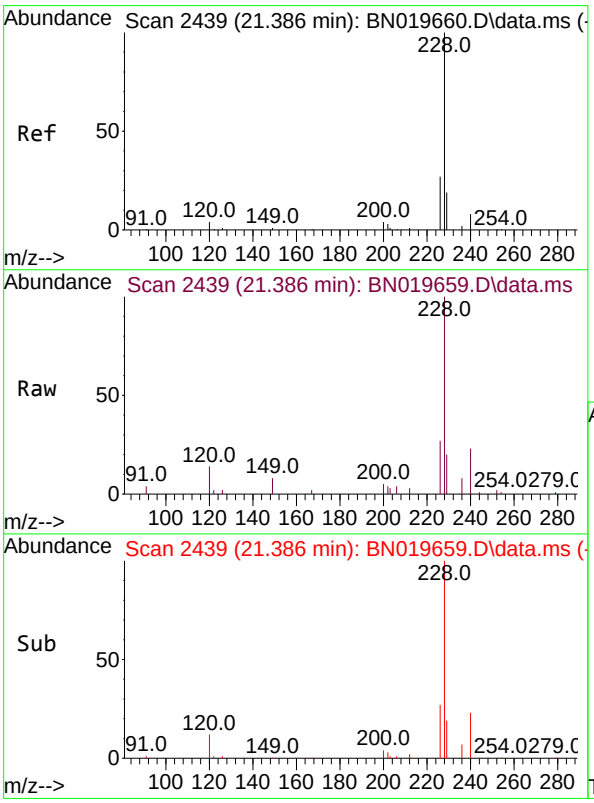
#31
Terphenyl-d14
Concen: 0.210 ng
RT: 19.847 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN019659.D
Acq: 04 May 2022 11:34

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 6654

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.6	11.4
122	0.0	0.0	0.0

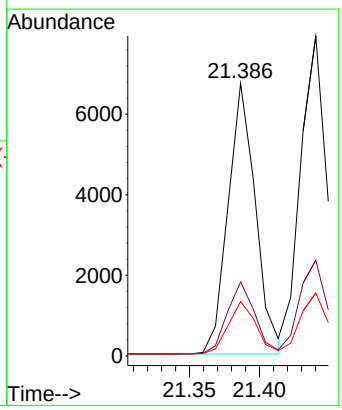


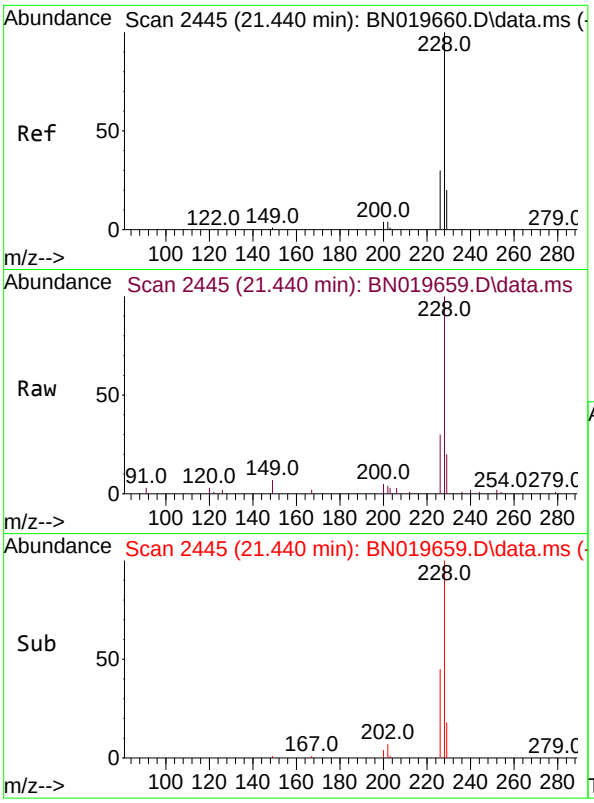


#32
Benzo(a)anthracene
Concen: 0.176 ng
RT: 21.386 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BN019659.D
Acq: 04 May 2022 11:34

Tgt Ion:228 Resp: 9183

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.6	32.4
229	20.0	16.5	24.7



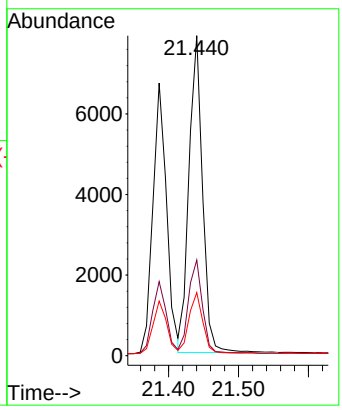


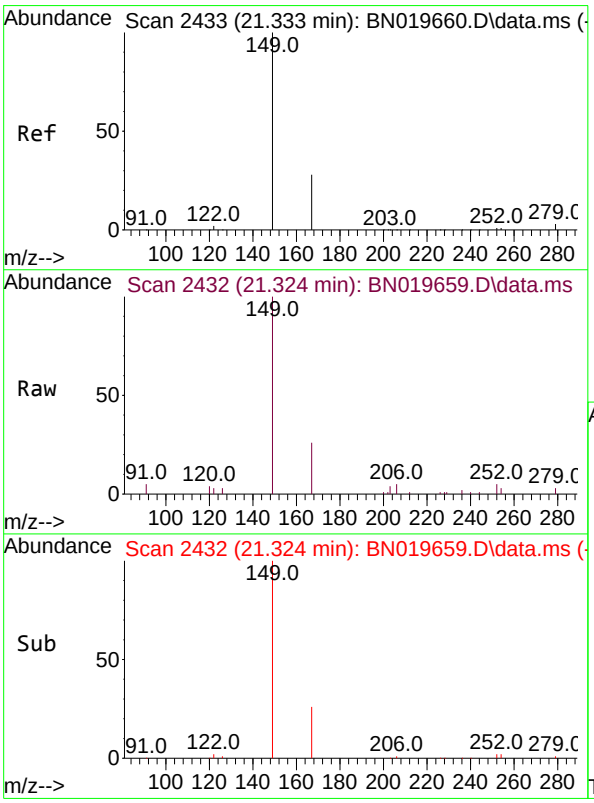
#33
Chrysene
Concen: 0.186 ng
RT: 21.440 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN019659.D
Acq: 04 May 2022 11:34

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 10590

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.6	36.8
229	19.7	15.9	23.9

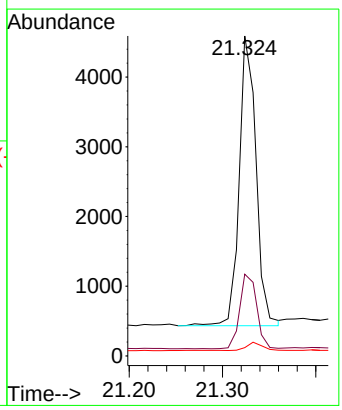


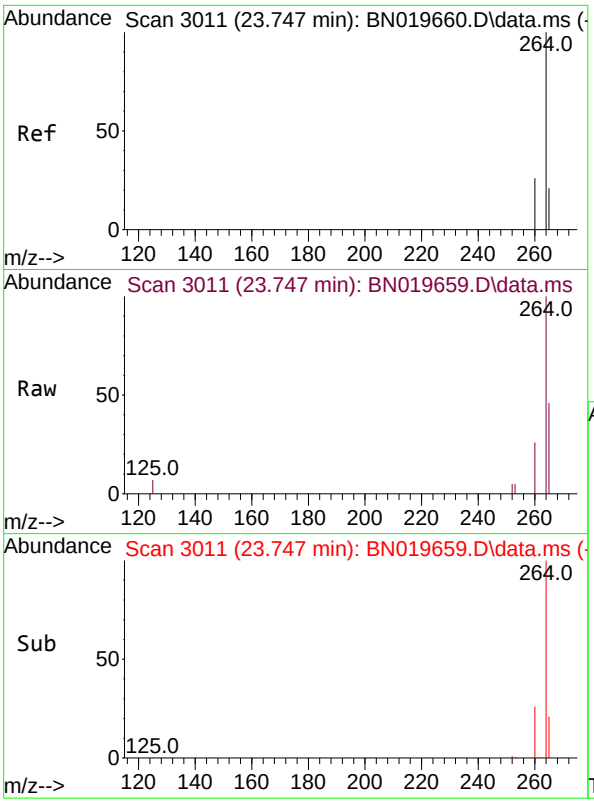


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.219 ng
RT: 21.324 min Scan# 2432
Delta R.T. -0.009 min
Lab File: BN019659.D
Acq: 04 May 2022 11:34

Tgt Ion:149 Resp: 5215

Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.7	32.5
279	2.7	2.8	4.2#



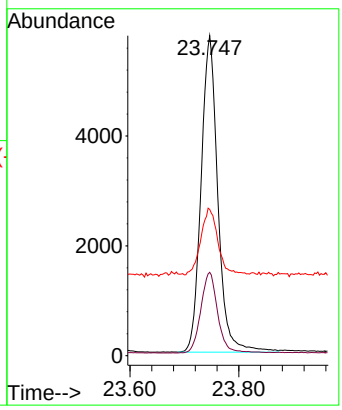


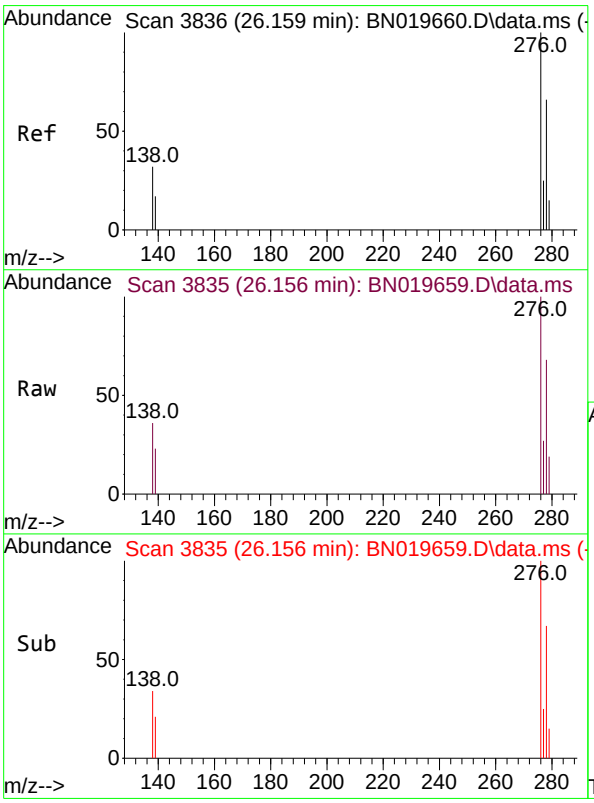
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.747 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN019659.D
Acq: 04 May 2022 11:34

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:264 Resp: 12306

Ion	Ratio	Lower	Upper
264	100		
260	26.1	21.0	31.6
265	45.7	67.9	101.9#

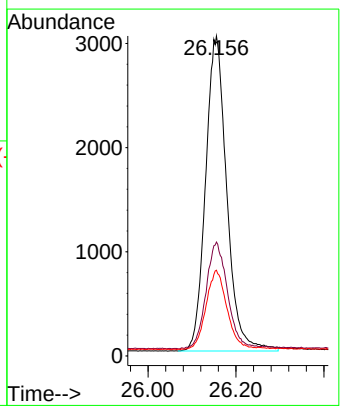


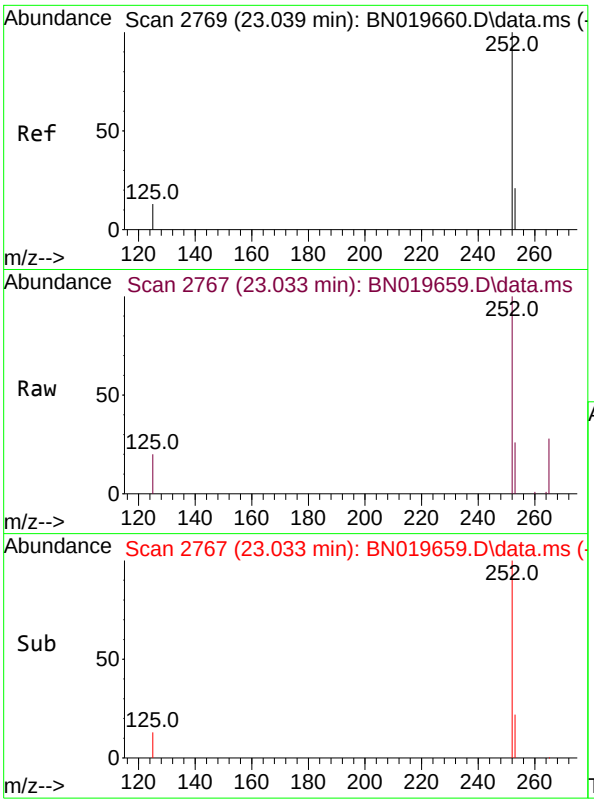


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.171 ng
RT: 26.156 min Scan# 3835
Delta R.T. -0.003 min
Lab File: BN019659.D
Acq: 04 May 2022 11:34

Tgt Ion:276 Resp: 10130

Ion	Ratio	Lower	Upper
276	100		
138	34.6	26.6	40.0
277	25.2	20.0	30.0



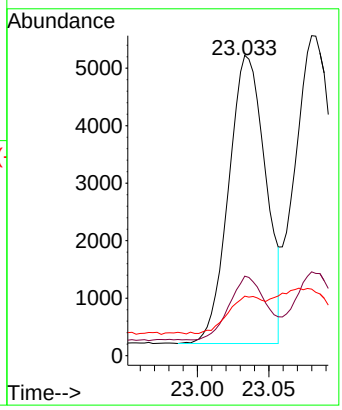


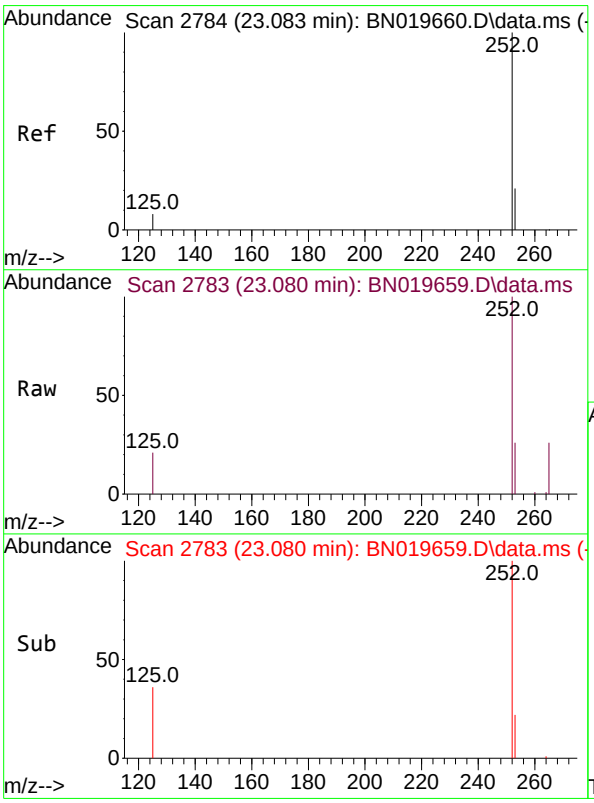
#37
Benzo(b)fluoranthene
Concen: 0.180 ng
RT: 23.033 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN019659.D
Acq: 04 May 2022 11:34

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 9033

Ion	Ratio	Lower	Upper
252	100		
253	26.4	21.2	31.8
125	19.8	15.9	23.9

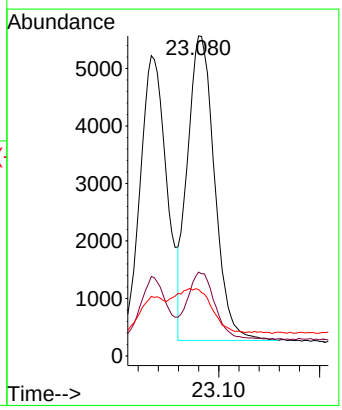


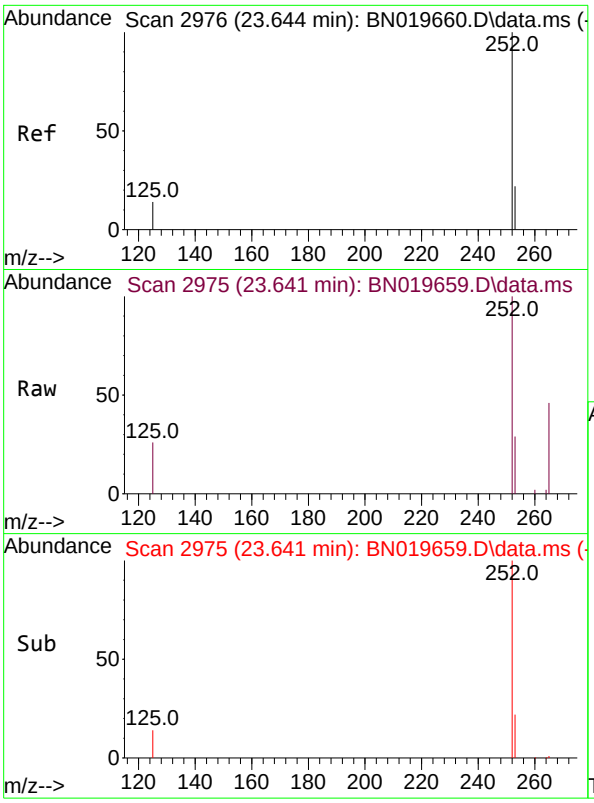


#38
Benzo(k)fluoranthene
Concen: 0.195 ng
RT: 23.080 min Scan# 2783
Delta R.T. -0.003 min
Lab File: BN019659.D
Acq: 04 May 2022 11:34

Tgt Ion:252 Resp: 9883

Ion	Ratio	Lower	Upper
252	100		
253	26.2	21.7	32.5
125	20.8	17.0	25.4



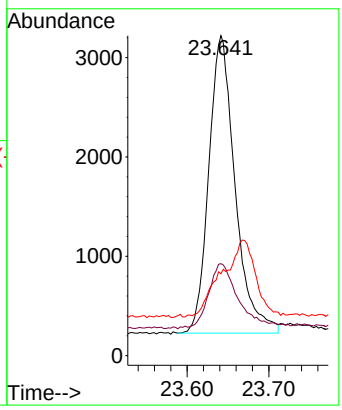


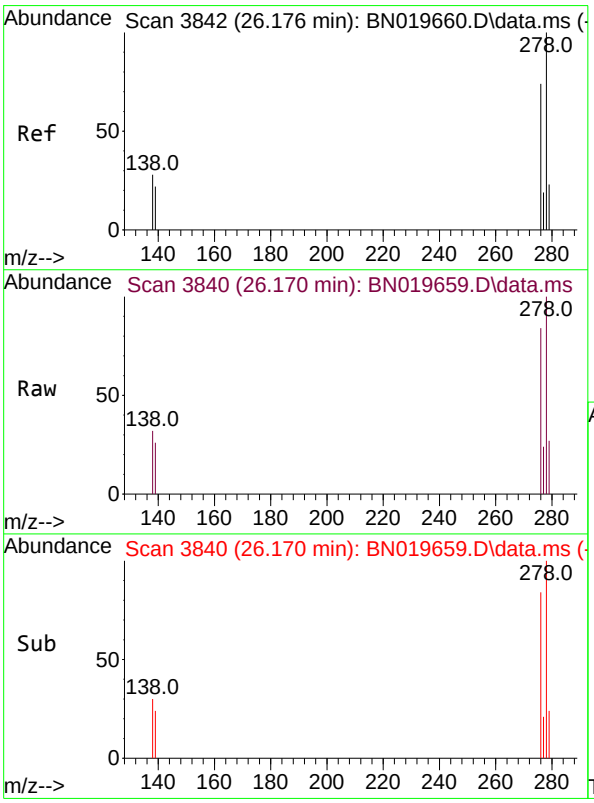
#39
Benzo(a)pyrene
Concen: 0.171 ng
RT: 23.641 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN019659.D
Acq: 04 May 2022 11:34

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 6710

Ion	Ratio	Lower	Upper
252	100		
253	28.7	23.1	34.7
125	25.6	20.4	30.6

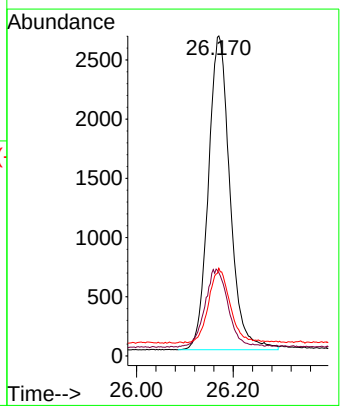


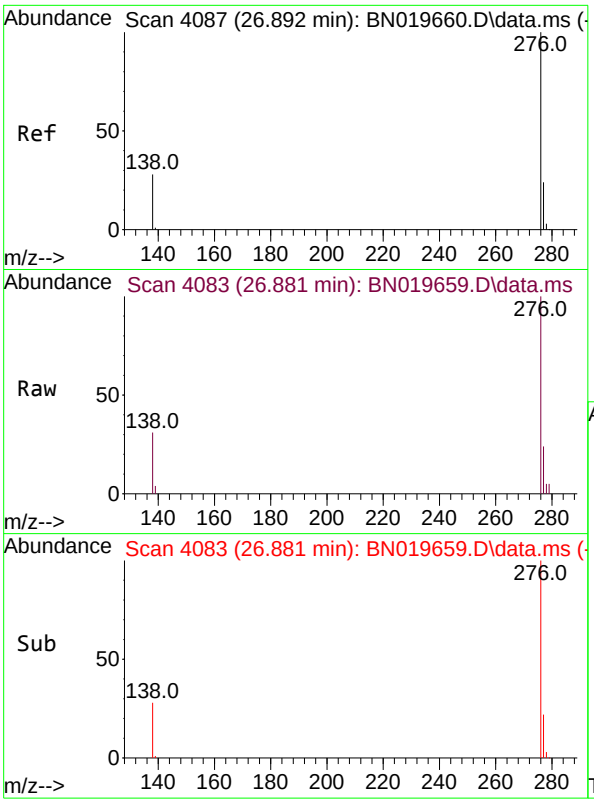


#40
Dibenzo(a,h)anthracene
Concen: 0.171 ng
RT: 26.170 min Scan# 3840
Delta R.T. -0.006 min
Lab File: BN019659.D
Acq: 04 May 2022 11:34

Tgt Ion:278 Resp: 8224

Ion	Ratio	Lower	Upper
278	100		
139	26.0	19.4	29.2
279	27.4	21.8	32.8





#41
Benzo(g,h,i)perylene
Concen: 0.158 ng
RT: 26.881 min Scan# 4
Delta R.T. -0.012 min
Lab File: BN019659.D
Acq: 04 May 2022 11:34

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 8043

Ion	Ratio	Lower	Upper
276	100		
277	24.4	20.2	30.2
138	30.6	23.5	35.3