Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071222\
Data File : BN020712.D
Acq On : 12 Jul 2022 12:08
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Jul 13 02:41:07 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 02 03:10:12 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.818	152	4380	0.400	ng		0.00
7) Naphthalene-d8	10.616	136	13183	0.400	ng		#-0.01
13) Acenaphthene-d10	14.463	164	7255	0.400	ng		-0.01
19) Phenanthrene-d10	17.215	188	14307	0.400	ng		#-0.01
29) Chrysene-d12	21.431	240	9329	0.400	ng		# 0.00
35) Perylene-d12	23.782	264	6641	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.406	112	3677	0.302	ng		0.00
5) Phenol-d6	7.017	99	4599	0.317	ng		-0.01
8) Nitrobenzene-d5	8.982	82	3656	0.342	ng		-0.01
11) 2-Methylnaphthalene-d10	12.219	152	8187	0.362	ng		0.00
14) 2,4,6-Tribromophenol	15.974	330	742	0.271	ng		0.00
15) 2-Fluorobiphenyl	13.095	172	11687	0.390	ng		-0.01
27) Fluoranthene-d10	19.261	212	14353	0.338	ng		0.00
31) Terphenyl-d14	19.868	244	9749	0.437	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.254	88	2192	0.382	ng		99
3) n-Nitrosodimethylamine	3.608	42	1637	0.313	ng	#	98
6) bis(2-Chloroethyl)ether	7.248	93	4215	0.337	ng		93
9) Naphthalene	10.669	128	15229	0.387	ng		99
10) Hexachlorobutadiene	10.957	225	2663	0.371	ng	#	99
12) 2-Methylnaphthalene	12.291	142	9580	0.366	ng		99
16) Acenaphthylene	14.185	152	12292	0.353	ng		99
17) Acenaphthene	14.527	154	9027	0.380	ng		96
18) Fluorene	15.522	166	11231	0.363	ng		100
20) 4,6-Dinitro-2-methylph...	15.639	198	429	0.378	ng	#	59
21) 4-Bromophenyl-phenylether	16.415	248	3242	0.390	ng		91
22) Hexachlorobenzene	16.538	284	3749	0.407	ng		96
23) Atrazine	16.692	200	1952	0.298	ng		98
24) Pentachlorophenol	16.887	266	721	0.428	ng		94
25) Phenanthrene	17.256	178	17772	0.368	ng		100
26) Anthracene	17.359	178	13695	0.329	ng		99
28) Fluoranthene	19.291	202	18426	0.350	ng		99
30) Pyrene	19.657	202	18339	0.464	ng		99
32) Benzo(a)anthracene	21.413	228	10936	0.328	ng		97
33) Chrysene	21.467	228	14964	0.405	ng		99
34) Bis(2-ethylhexyl)phtha...	21.351	149	6692	0.356	ng		99
36) Indeno(1,2,3-cd)pyrene	26.220	276	10052	0.340	ng		99
37) Benzo(b)fluoranthene	23.068	252	10564	0.413	ng		97
38) Benzo(k)fluoranthene	23.115	252	10956	0.402	ng		95
39) Benzo(a)pyrene	23.679	252	8159	0.368	ng		93
40) Dibenzo(a,h)anthracene	26.238	278	8080	0.341	ng		95
41) Benzo(g,h,i)perylene	26.963	276	9666	0.373	ng		98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071222\
Data File : BN020712.D
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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
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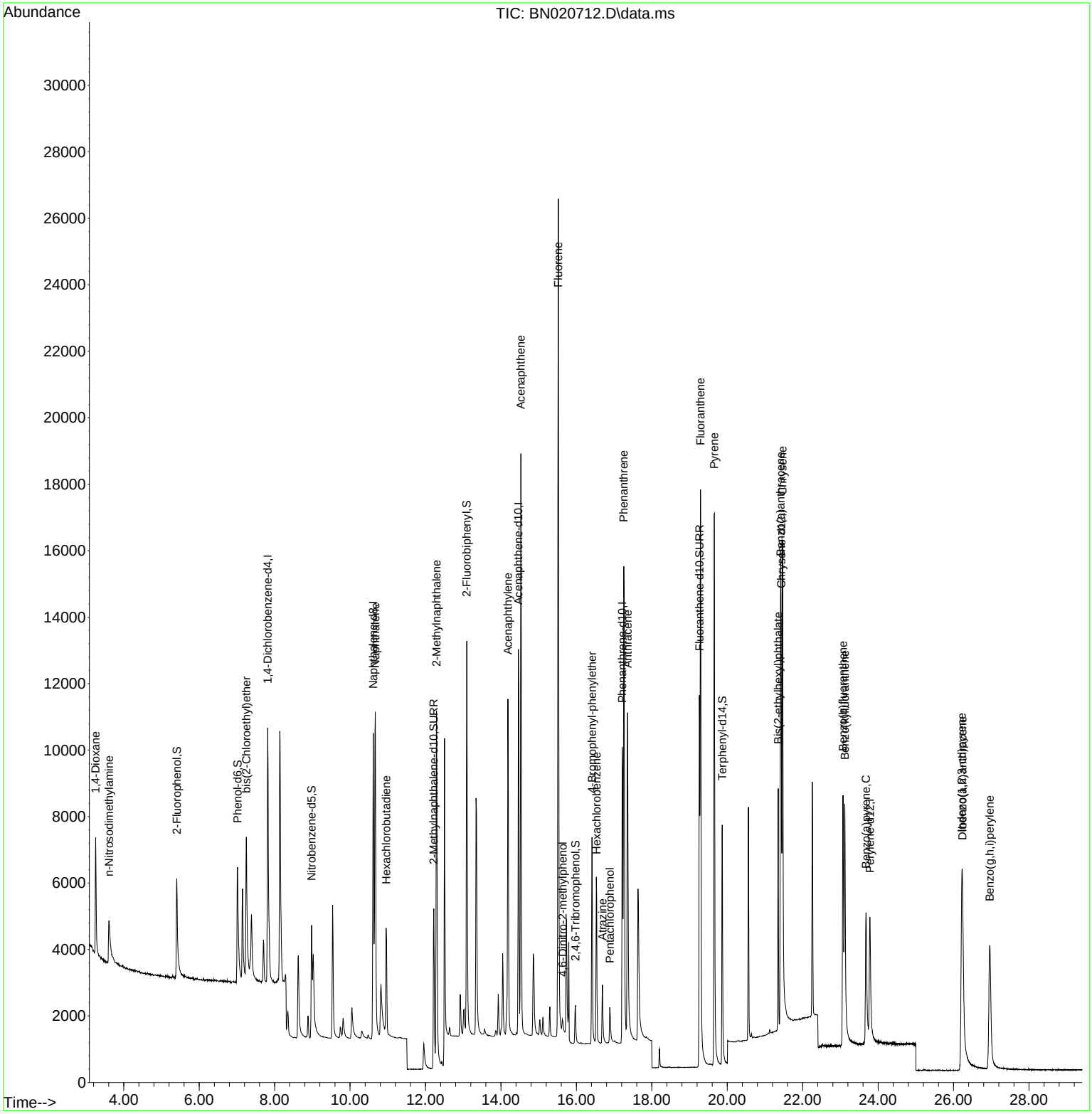
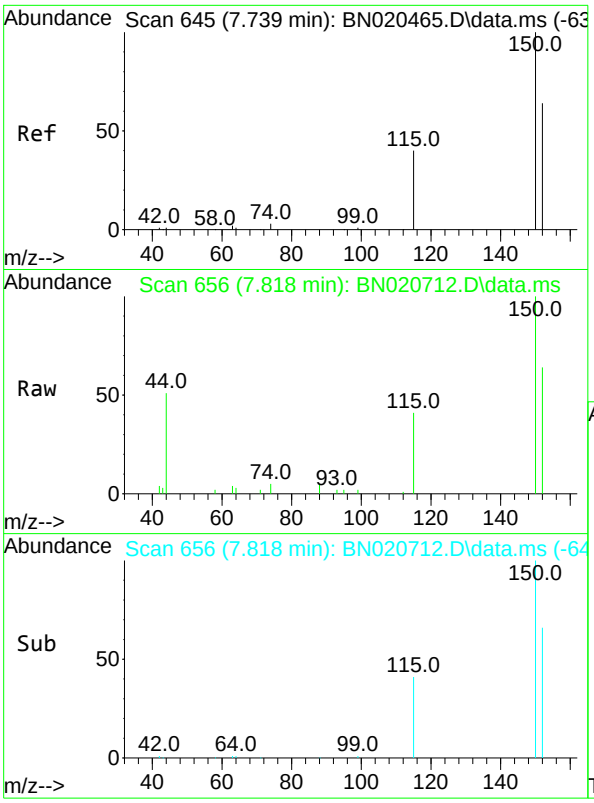
SSTDCCC0.4

Quant Time: Jul 13 02:41:07 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 02 03:10:12 2022
Response via : Initial Calibration



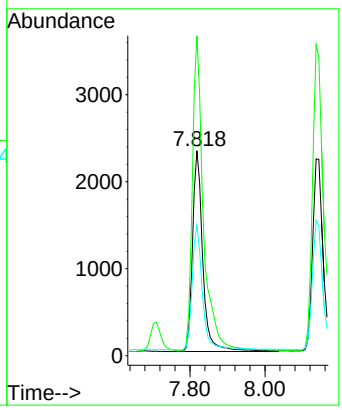


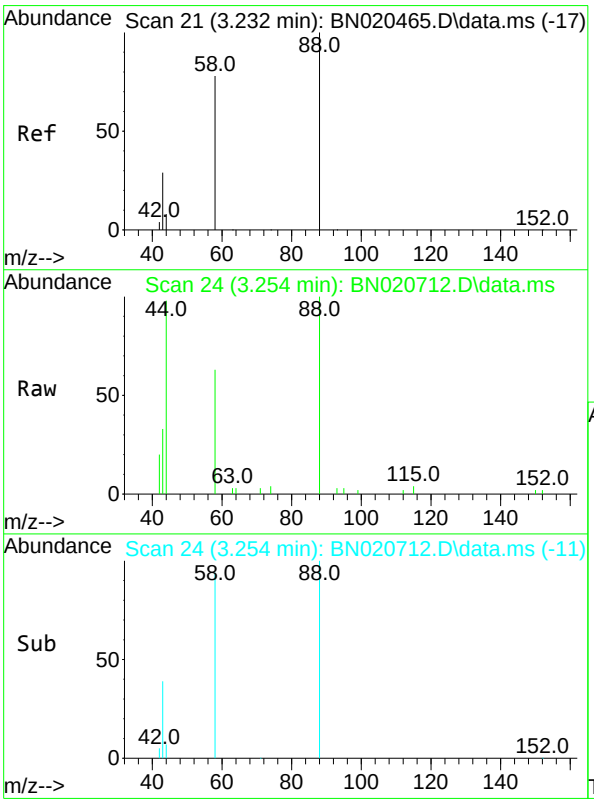
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.818 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN020712.D
Acq: 12 Jul 2022 12:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 4380

Ion	Ratio	Lower	Upper
152	100		
150	156.1	127.9	191.9
115	63.7	51.4	77.2

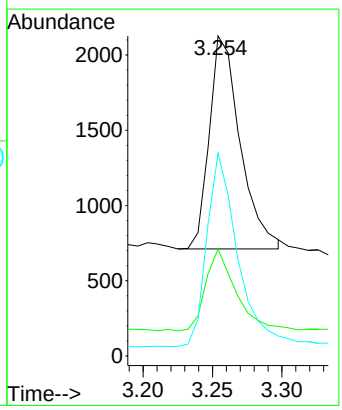


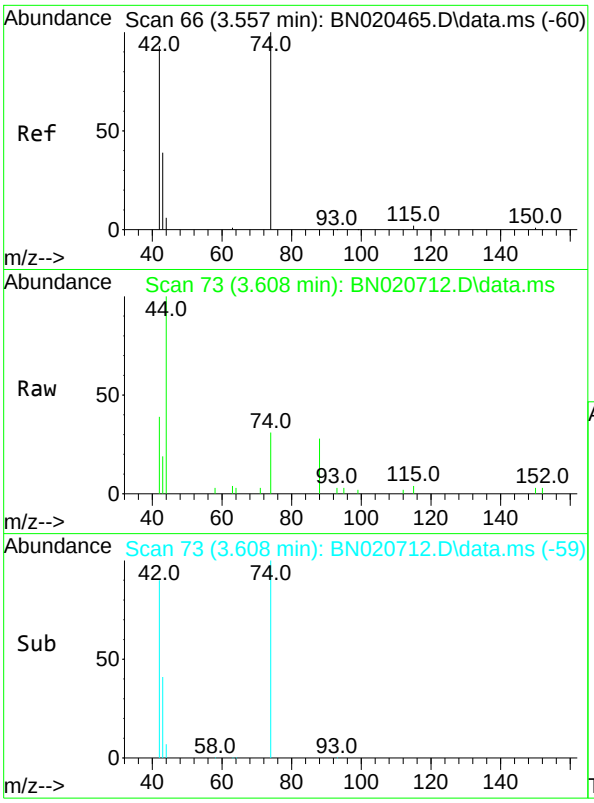


#2
1,4-Dioxane
Concen: 0.382 ng
RT: 3.254 min Scan# 24
Delta R.T. -0.007 min
Lab File: BN020712.D
Acq: 12 Jul 2022 12:08

Tgt Ion: 88 Resp: 2192

Ion	Ratio	Lower	Upper
88	100		
43	37.4	30.2	45.2
58	89.7	73.0	109.6



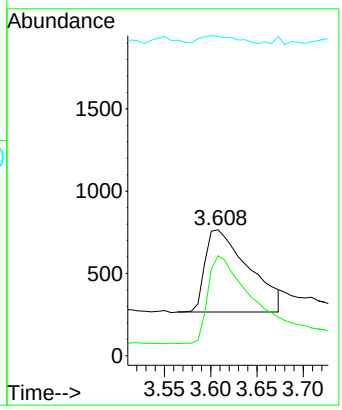


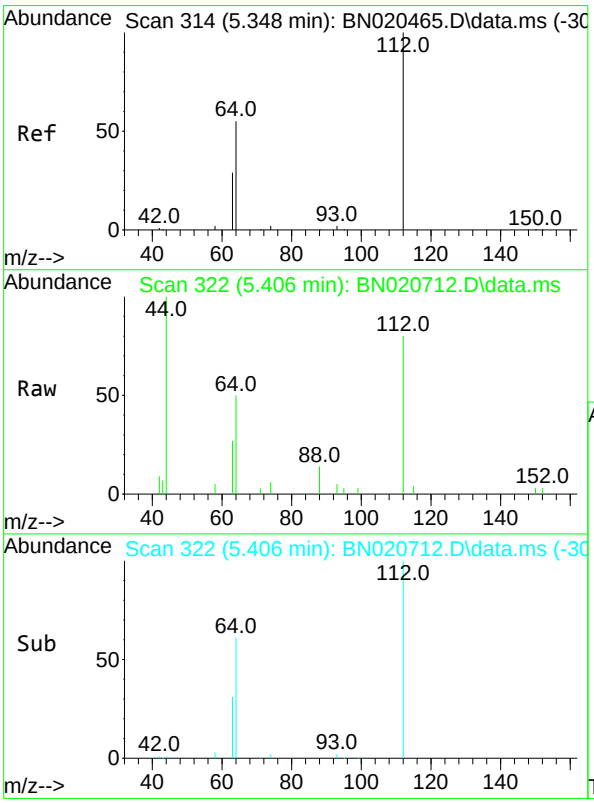
#3
n-Nitrosodimethylamine
Concen: 0.313 ng
RT: 3.608 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN020712.D
Acq: 12 Jul 2022 12:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 1637

Ion	Ratio	Lower	Upper
42	100		
74	104.5	84.0	126.0
44	8.2	9.8	14.8#

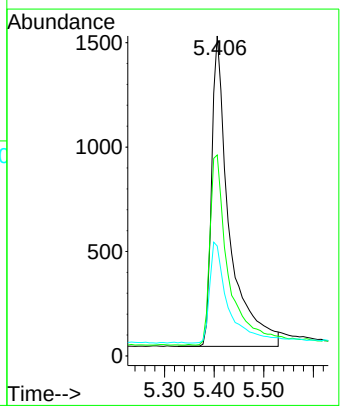


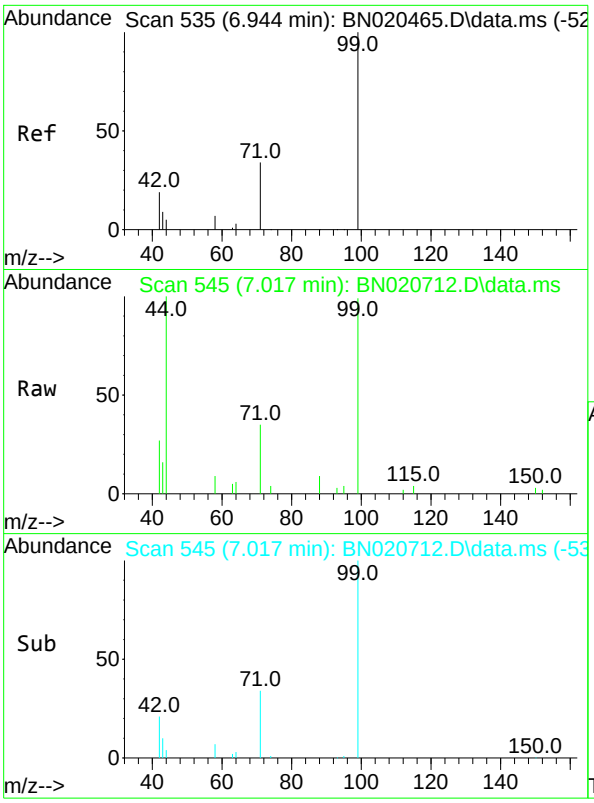


#4
2-Fluorophenol
Concen: 0.302 ng
RT: 5.406 min Scan# 322
Delta R.T. -0.007 min
Lab File: BN020712.D
Acq: 12 Jul 2022 12:08

Tgt Ion:112 Resp: 3677

Ion	Ratio	Lower	Upper
112	100		
64	64.6	49.1	73.7
63	34.1	26.3	39.5



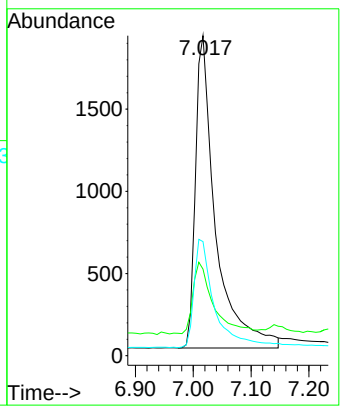


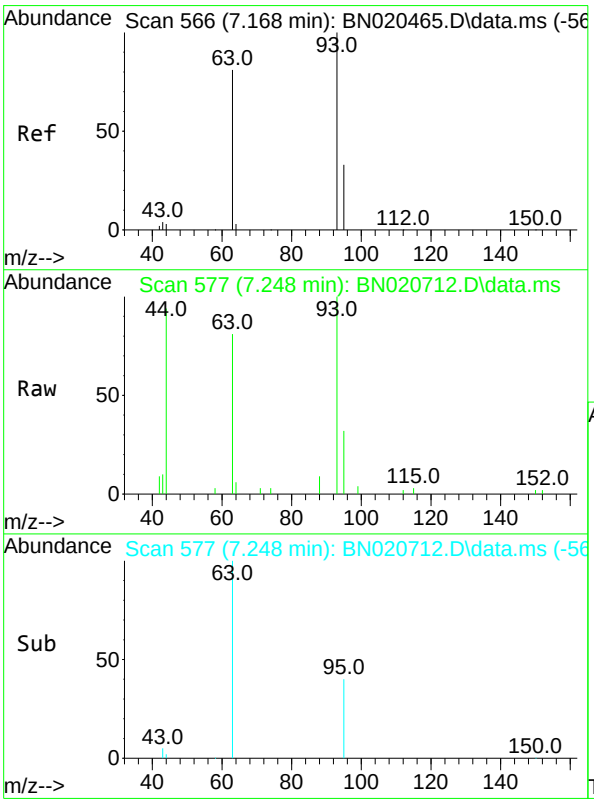
#5
Phenol-d6
Concen: 0.317 ng
RT: 7.017 min Scan# 54
Delta R.T. -0.014 min
Lab File: BN020712.D
Acq: 12 Jul 2022 12:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 4599

Ion	Ratio	Lower	Upper
99	100		
42	22.8	19.3	28.9
71	35.4	27.5	41.3

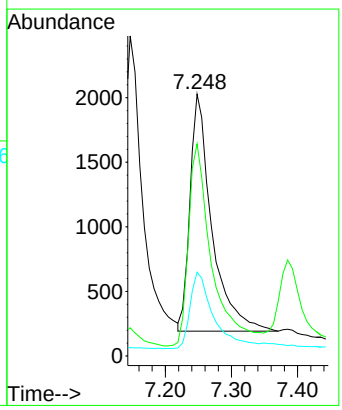


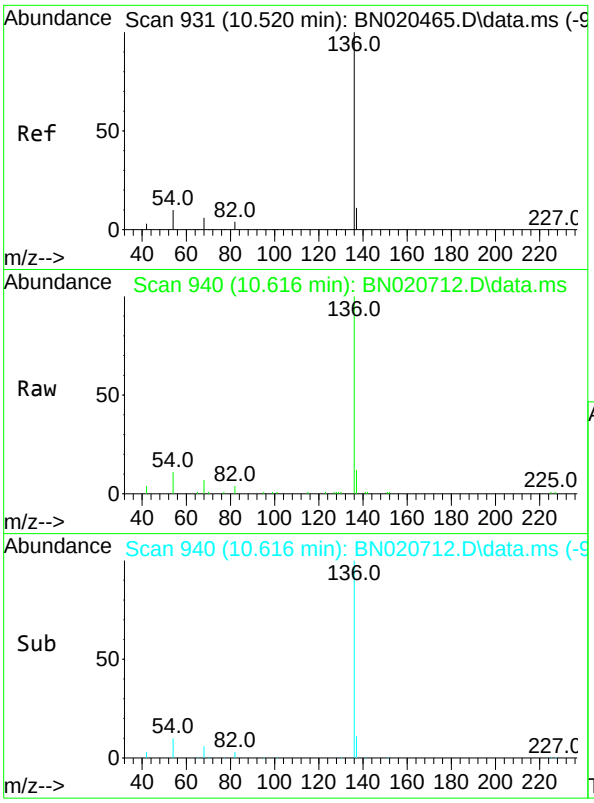


#6
bis(2-Chloroethyl)ether
Concen: 0.337 ng
RT: 7.248 min Scan# 577
Delta R.T. -0.007 min
Lab File: BN020712.D
Acq: 12 Jul 2022 12:08

Tgt Ion: 93 Resp: 4215

Ion	Ratio	Lower	Upper
93	100		
63	91.6	67.4	101.0
95	35.0	26.5	39.7



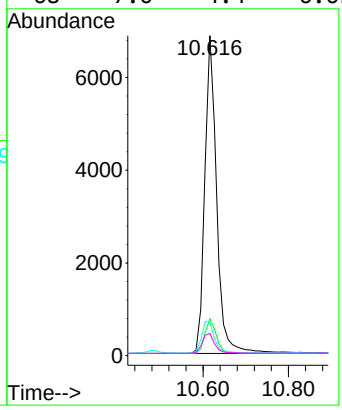


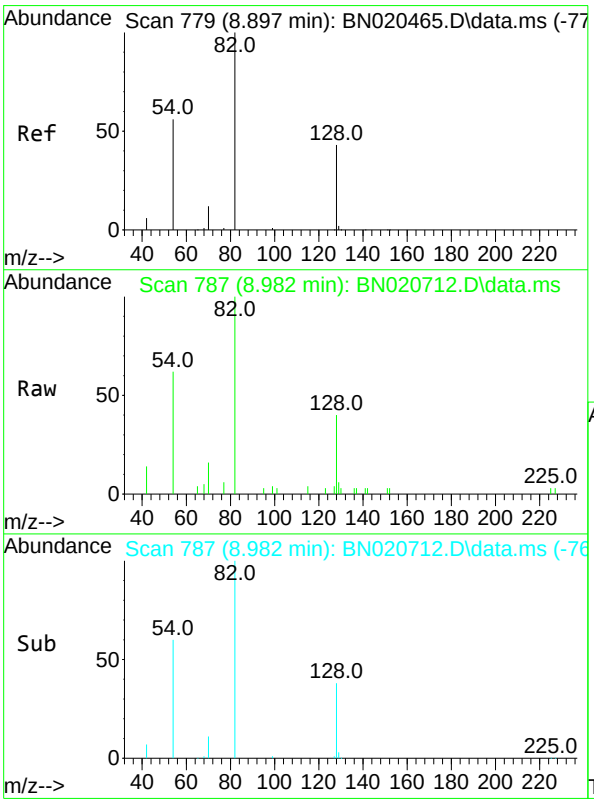
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.616 min Scan# 94
Delta R.T. -0.010 min
Lab File: BN020712.D
Acq: 12 Jul 2022 12:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 13183

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	10.6	6.2	9.2#
68	7.0	4.4	6.6#

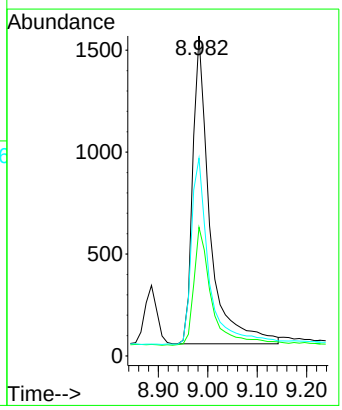


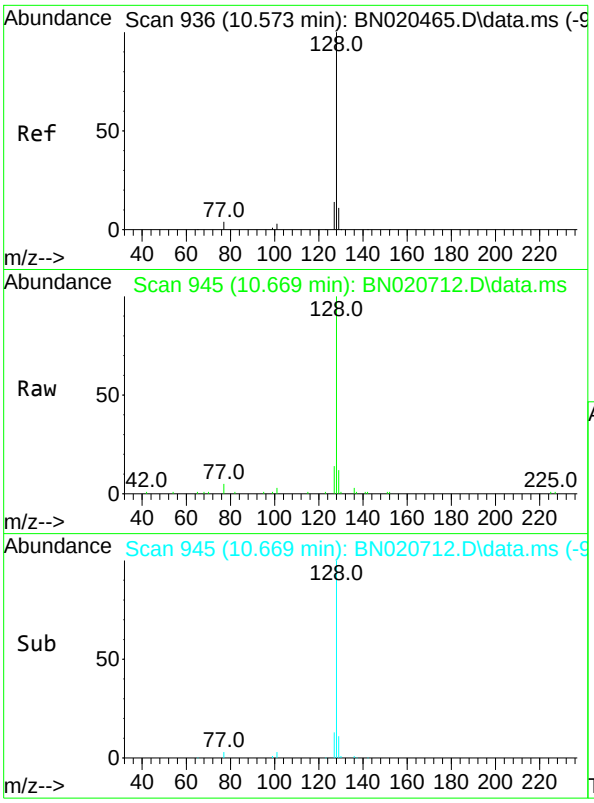


#8
Nitrobenzene-d5
Concen: 0.342 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.010 min
Lab File: BN020712.D
Acq: 12 Jul 2022 12:08

Tgt Ion: 82 Resp: 3656

Ion	Ratio	Lower	Upper
82	100		
128	40.2	35.0	52.6
54	61.8	46.2	69.4



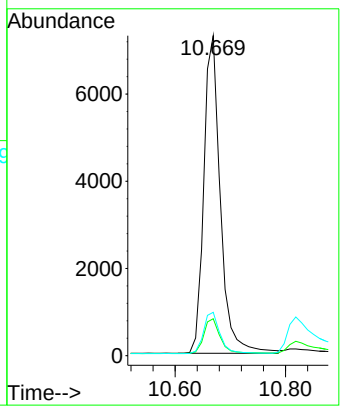


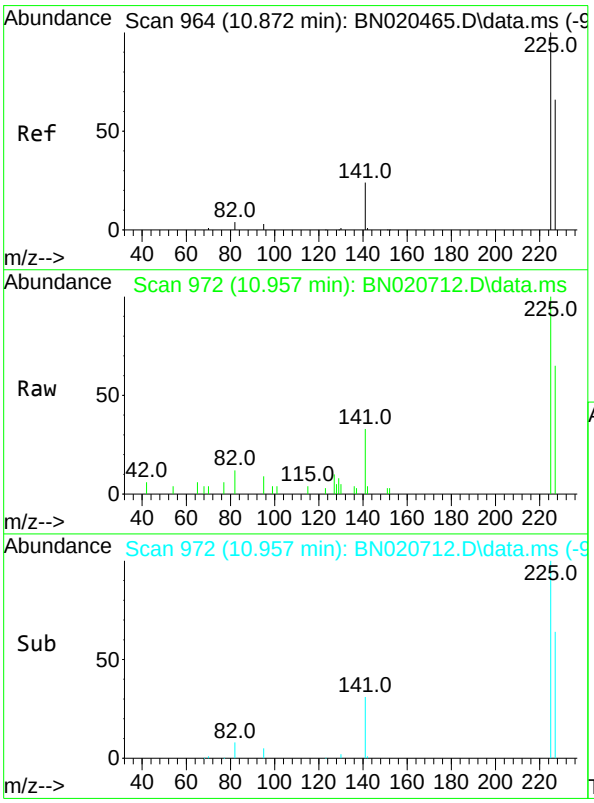
#9
Naphthalene
Concen: 0.387 ng
RT: 10.669 min Scan# 94
Delta R.T. -0.010 min
Lab File: BN020712.D
Acq: 12 Jul 2022 12:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 15229

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.9	13.3
127	13.6	10.8	16.2

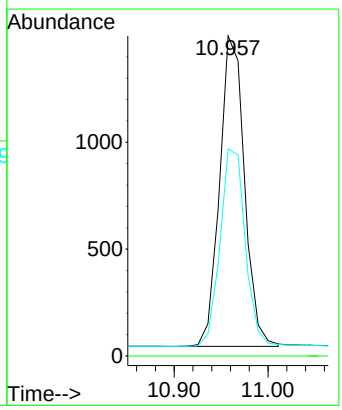


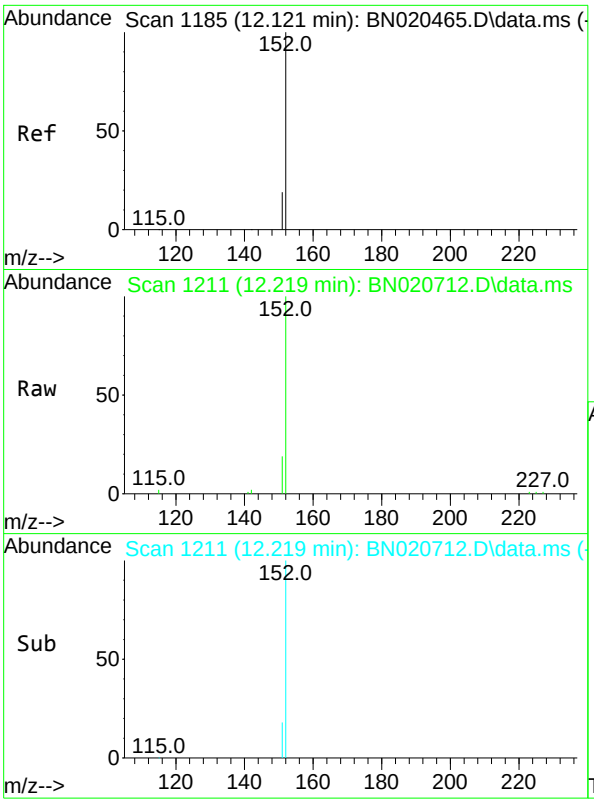


#10
Hexachlorobutadiene
Concen: 0.371 ng
RT: 10.957 min Scan# 972
Delta R.T. -0.010 min
Lab File: BN020712.D
Acq: 12 Jul 2022 12:08

Tgt Ion:225 Resp: 2663

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.6	50.9	76.3



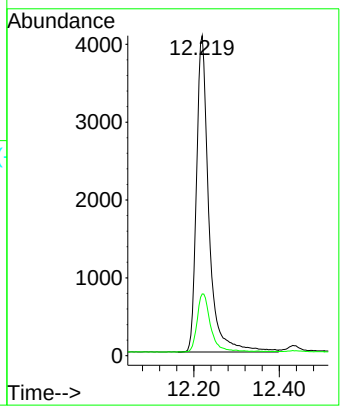


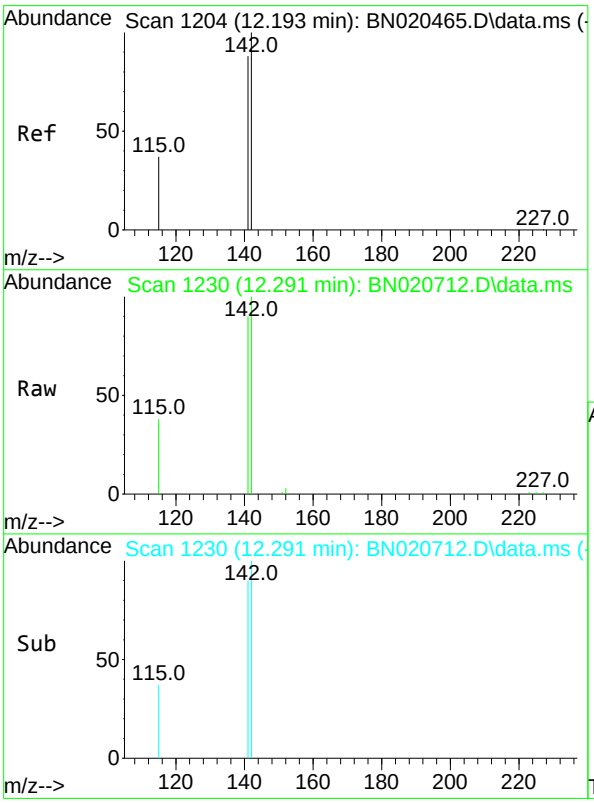
#11
2-Methylnaphthalene-d10
Concen: 0.362 ng
RT: 12.219 min Scan# 1
Delta R.T. -0.007 min
Lab File: BN020712.D
Acq: 12 Jul 2022 12:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 8187

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.4

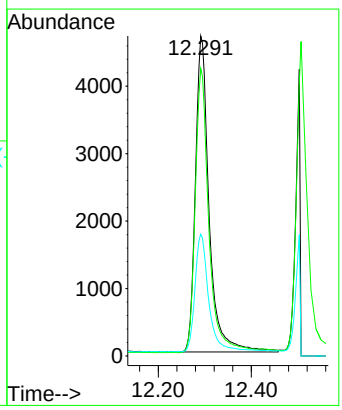


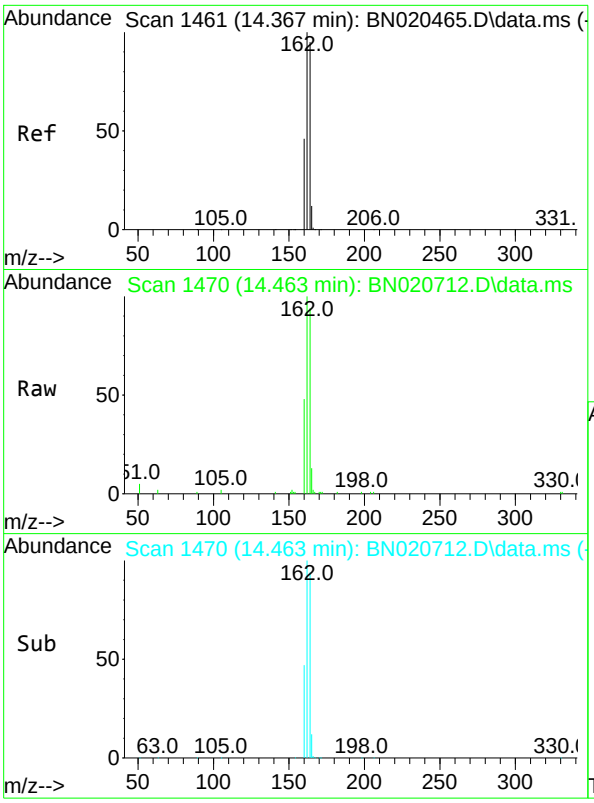


#12
2-Methylnaphthalene
Concen: 0.366 ng
RT: 12.291 min Scan# 1230
Delta R.T. -0.007 min
Lab File: BN020712.D
Acq: 12 Jul 2022 12:08

Tgt Ion:142 Resp: 9580

Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.6	107.4
115	38.1	29.8	44.8



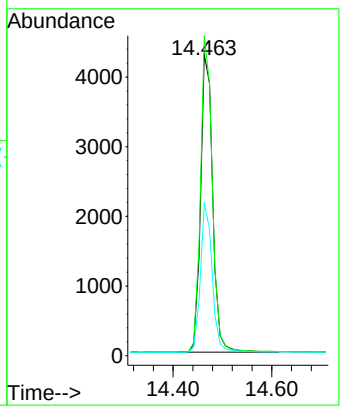


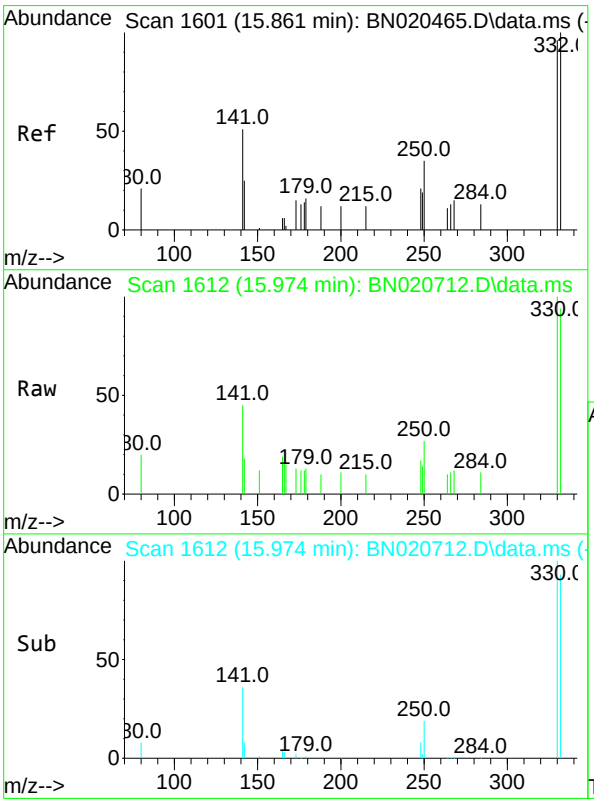
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.463 min Scan# 14
Delta R.T. -0.010 min
Lab File: BN020712.D
Acq: 12 Jul 2022 12:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 7255

Ion	Ratio	Lower	Upper
164	100		
162	106.3	82.1	123.1
160	50.6	38.6	58.0

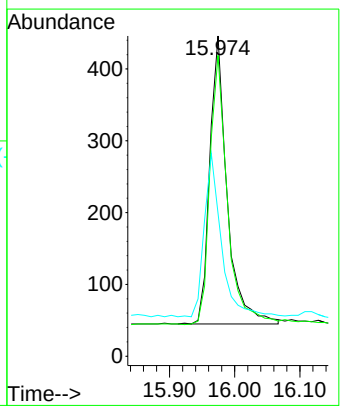


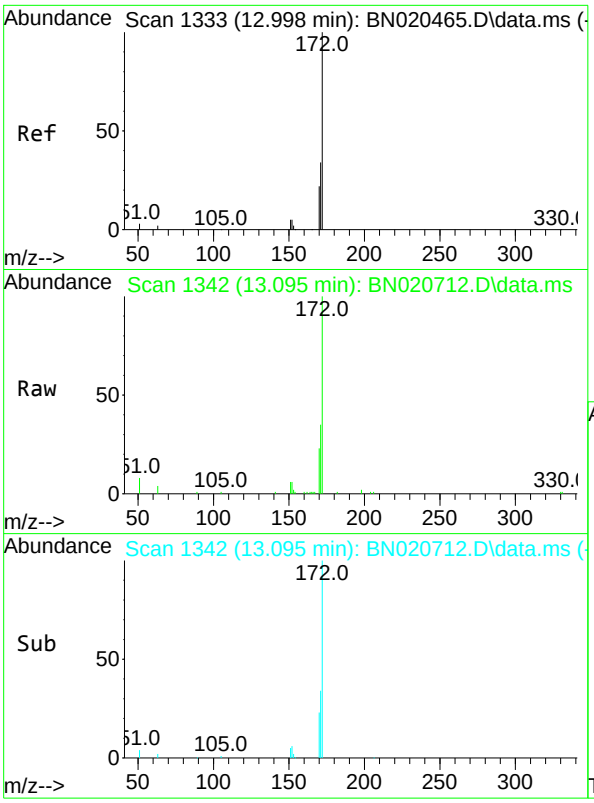


#14
2,4,6-Tribromophenol
Concen: 0.271 ng
RT: 15.974 min Scan# 1612
Delta R.T. 0.000 min
Lab File: BN020712.D
Acq: 12 Jul 2022 12:08

Tgt Ion:330 Resp: 742

Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.6	116.4
141	55.9	41.0	61.4



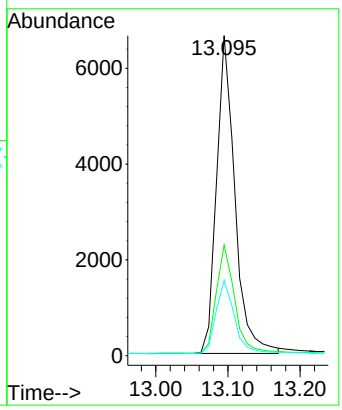


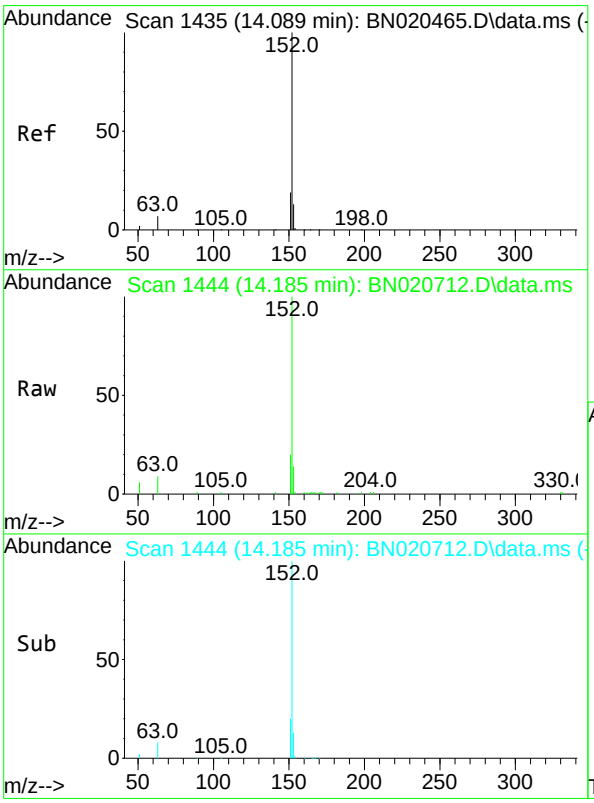
#15
2-Fluorobiphenyl
Concen: 0.390 ng
RT: 13.095 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN020712.D
Acq: 12 Jul 2022 12:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 11687

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.2	40.8
170	23.5	18.2	27.4

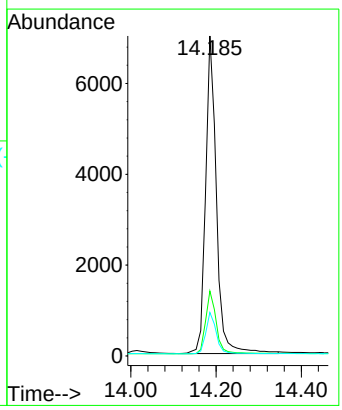


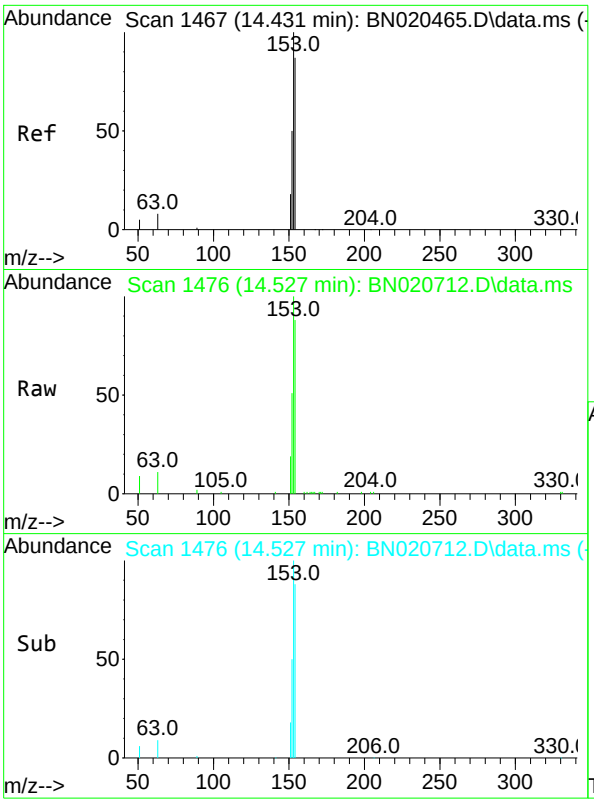


#16
Acenaphthylene
Concen: 0.353 ng
RT: 14.185 min Scan# 1444
Delta R.T. -0.010 min
Lab File: BN020712.D
Acq: 12 Jul 2022 12:08

Tgt Ion:152 Resp: 12292

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.2	24.4
153	12.8	10.7	16.1



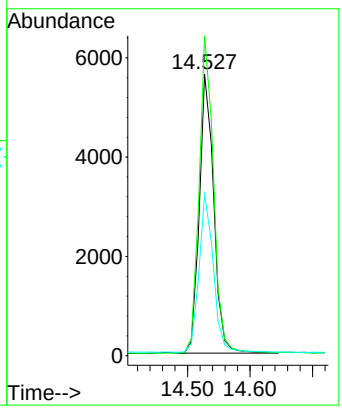


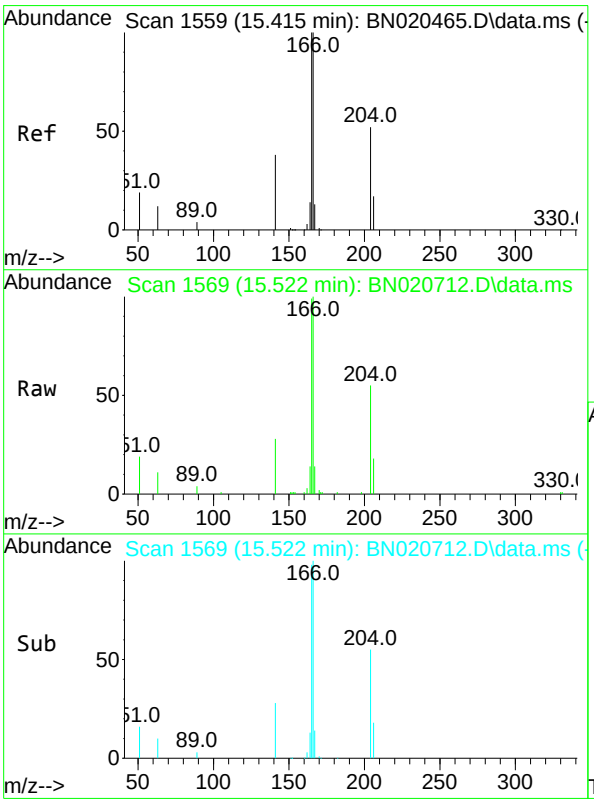
#17
Acenaphthene
Concen: 0.380 ng
RT: 14.527 min Scan# 14
Delta R.T. -0.010 min
Lab File: BN020712.D
Acq: 12 Jul 2022 12:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 9027

Ion	Ratio	Lower	Upper
154	100		
153	114.5	87.5	131.3
152	57.0	43.8	65.6

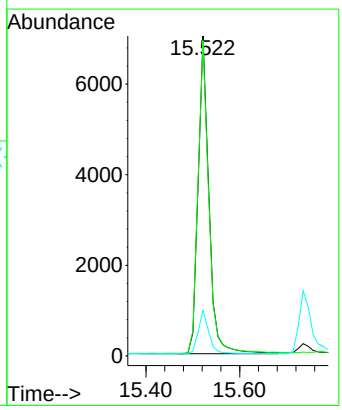


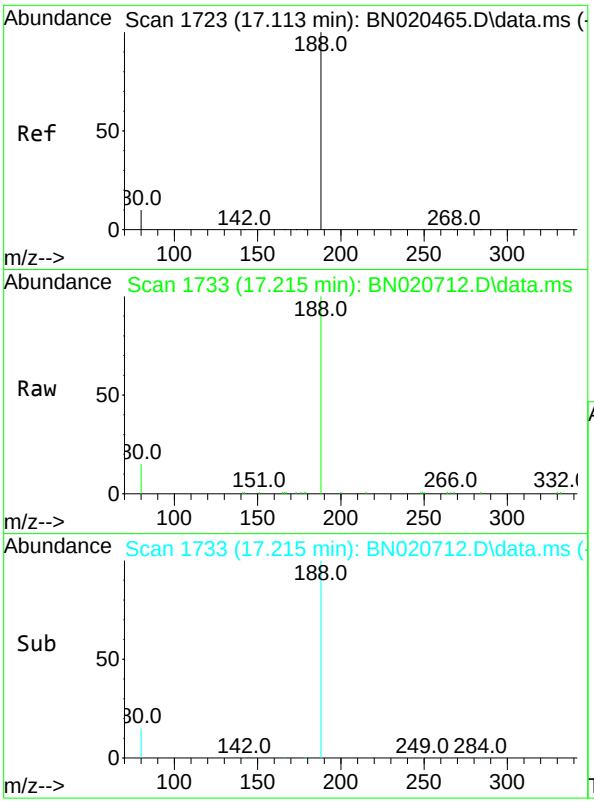


#18
Fluorene
Concen: 0.363 ng
RT: 15.522 min Scan# 1569
Delta R.T. -0.010 min
Lab File: BN020712.D
Acq: 12 Jul 2022 12:08

Tgt Ion:166 Resp: 11231

Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.6	118.0
167	13.6	10.8	16.2



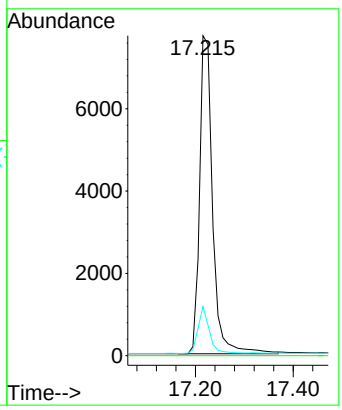


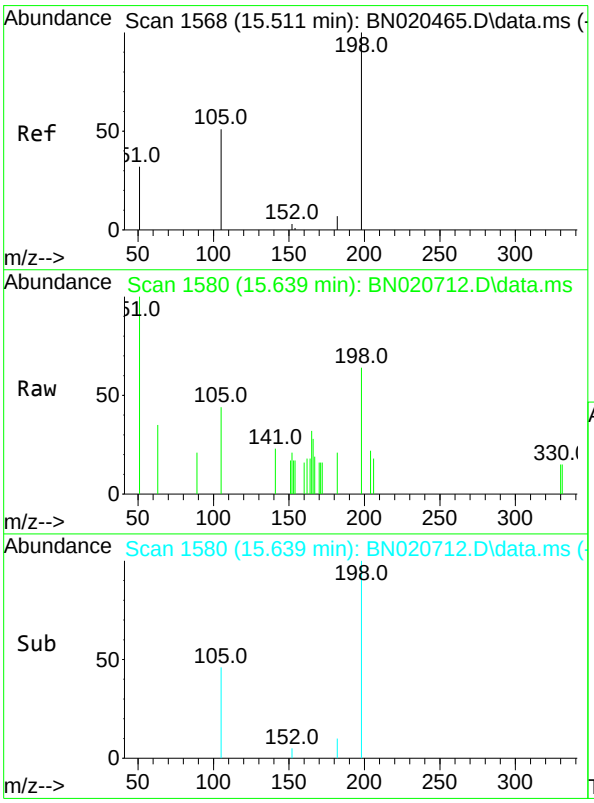
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.215 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN020712.D
Acq: 12 Jul 2022 12:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 14307

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.3	7.4	11.2#

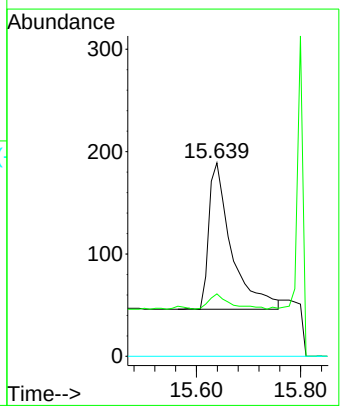


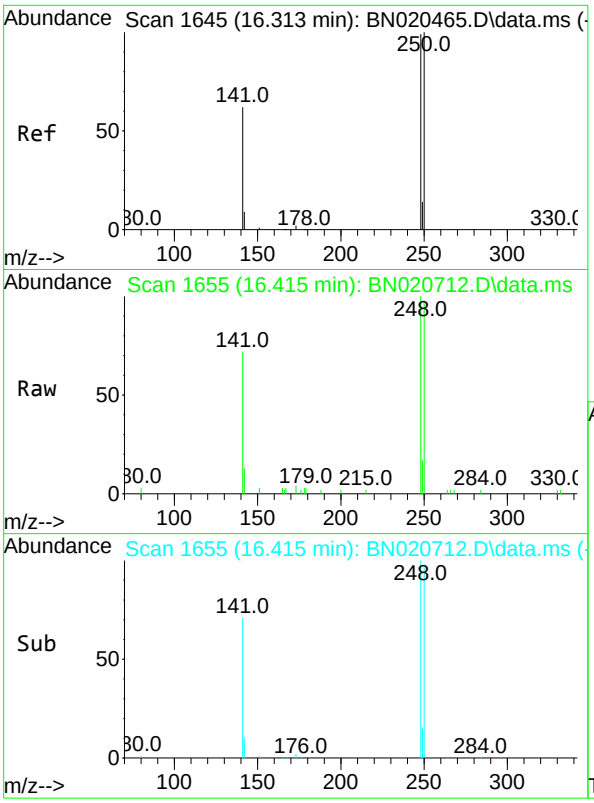


#20
4,6-Dinitro-2-methylphenol
Concen: 0.378 ng
RT: 15.639 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BN020712.D
Acq: 12 Jul 2022 12:08

Tgt Ion:198 Resp: 429

Ion	Ratio	Lower	Upper
198	100		
182	32.3	12.1	18.1#
77	0.0	0.0	0.0



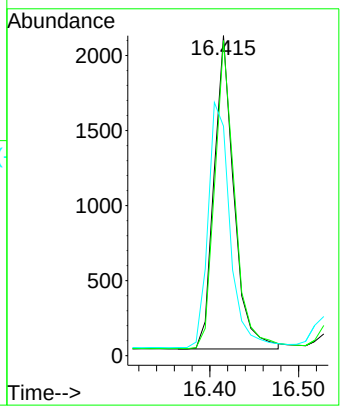


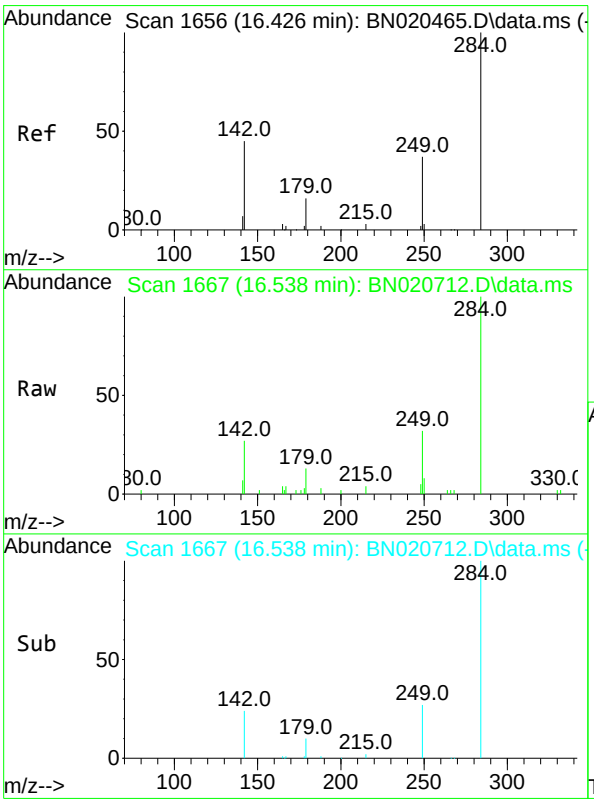
#21
4-Bromophenyl-phenylether
Concen: 0.390 ng
RT: 16.415 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN020712.D
Acq: 12 Jul 2022 12:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:248 Resp: 3242

Ion	Ratio	Lower	Upper
248	100		
250	98.5	75.3	112.9
141	71.8	67.3	100.9

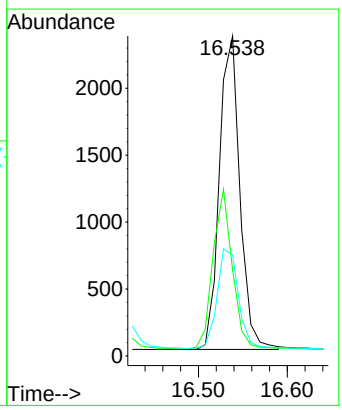


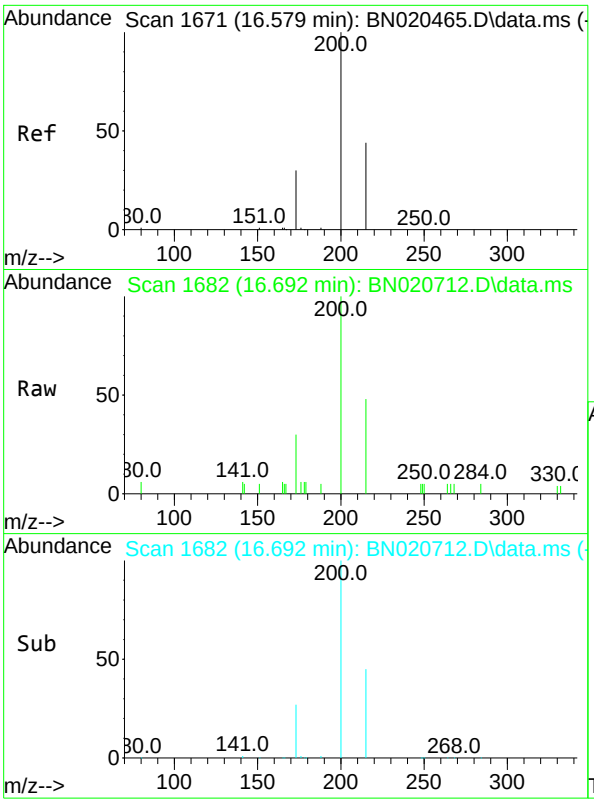


#22
Hexachlorobenzene
Concen: 0.407 ng
RT: 16.538 min Scan# 1667
Delta R.T. 0.000 min
Lab File: BN020712.D
Acq: 12 Jul 2022 12:08

Tgt Ion:284 Resp: 3749

Ion	Ratio	Lower	Upper
284	100		
142	47.9	35.2	52.8
249	33.1	26.6	40.0



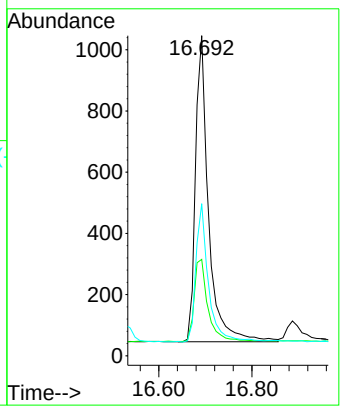


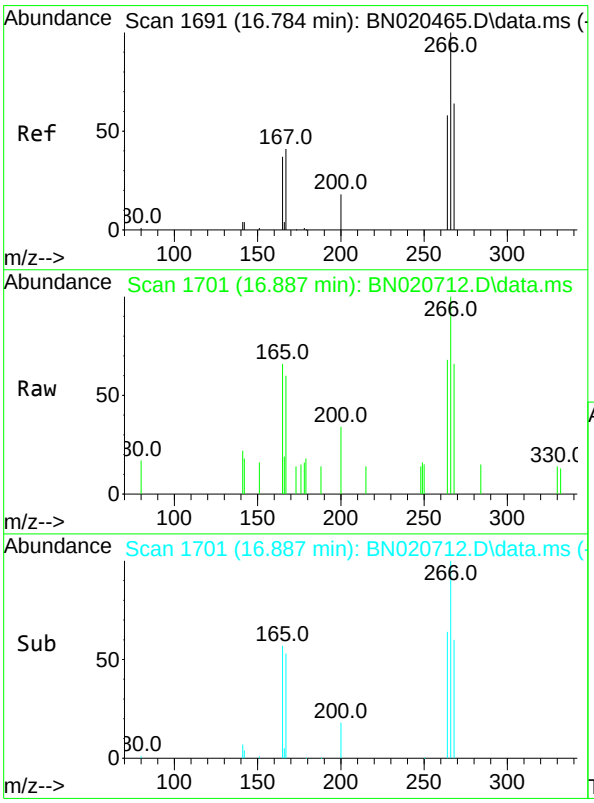
#23
Atrazine
Concen: 0.298 ng
RT: 16.692 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN020712.D
Acq: 12 Jul 2022 12:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:200 Resp: 1952

Ion	Ratio	Lower	Upper
200	100		
173	30.1	23.6	35.4
215	47.5	36.6	54.8

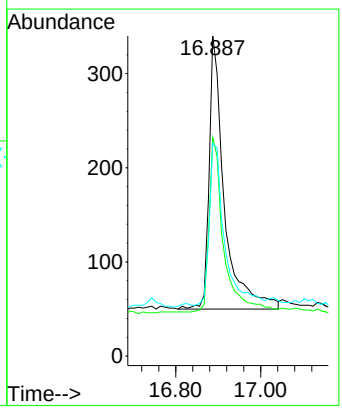


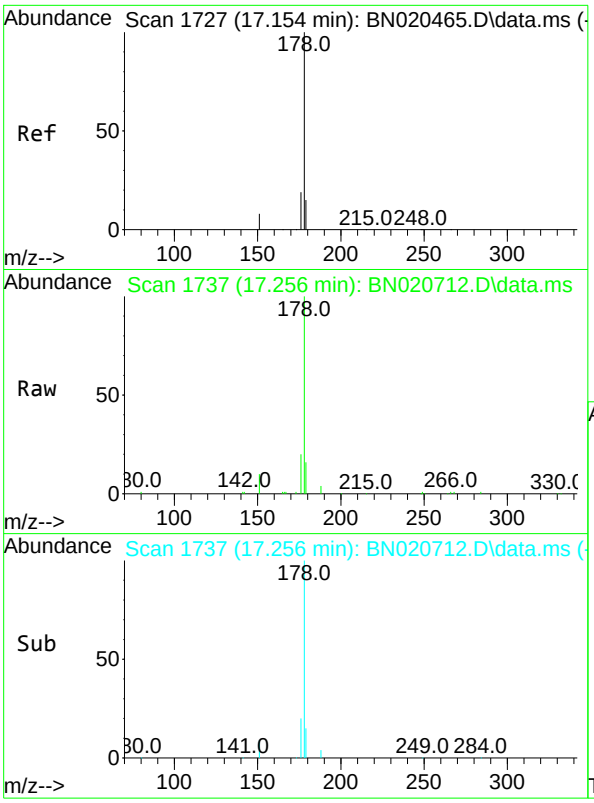


#24
Pentachlorophenol
Concen: 0.428 ng
RT: 16.887 min Scan# 1701
Delta R.T. -0.010 min
Lab File: BN020712.D
Acq: 12 Jul 2022 12:08

Tgt Ion:266 Resp: 721

Ion	Ratio	Lower	Upper
266	100		
264	60.7	51.3	76.9
268	59.4	52.6	79.0



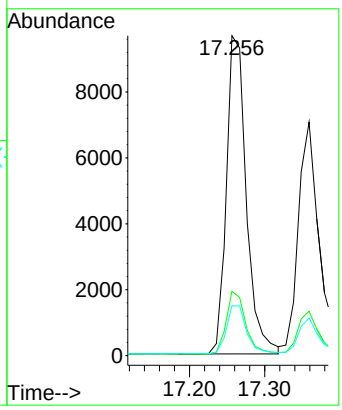


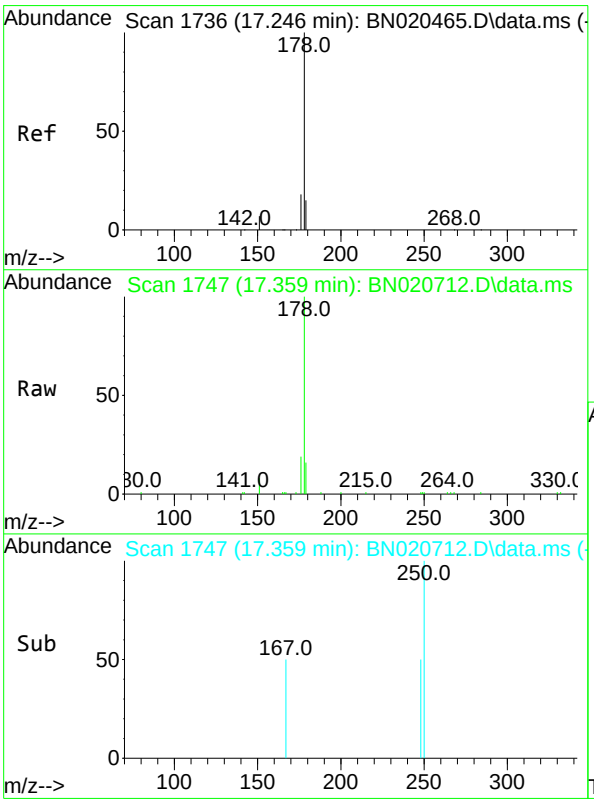
#25
Phenanthrene
Concen: 0.368 ng
RT: 17.256 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN020712.D
Acq: 12 Jul 2022 12:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 17772

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.4	12.2	18.4

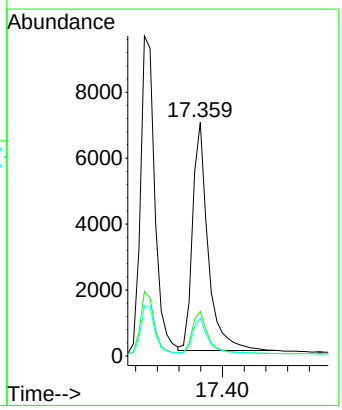


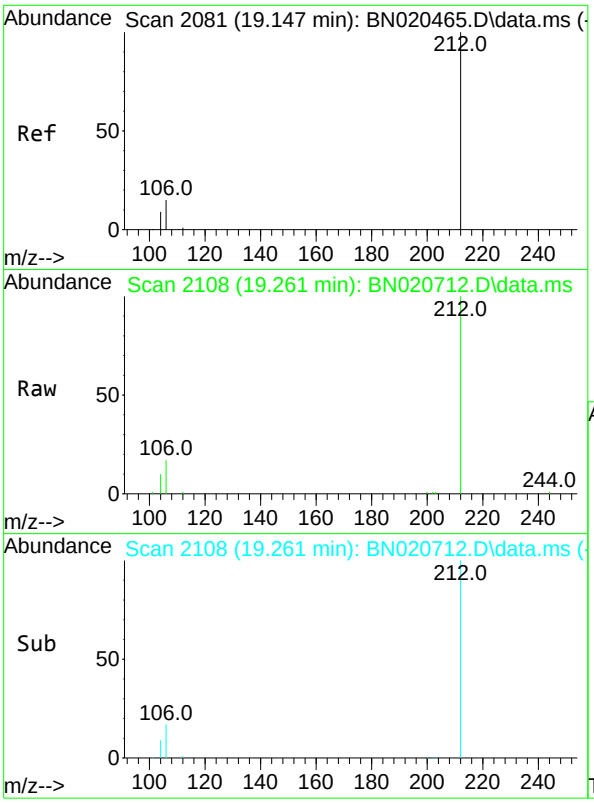


#26
Anthracene
Concen: 0.329 ng
RT: 17.359 min Scan# 1747
Delta R.T. 0.000 min
Lab File: BN020712.D
Acq: 12 Jul 2022 12:08

Tgt Ion:178 Resp: 13695

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.9	22.3
179	15.1	12.2	18.4



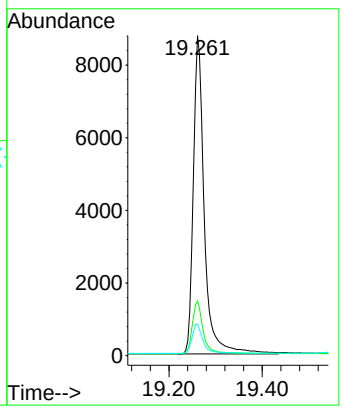


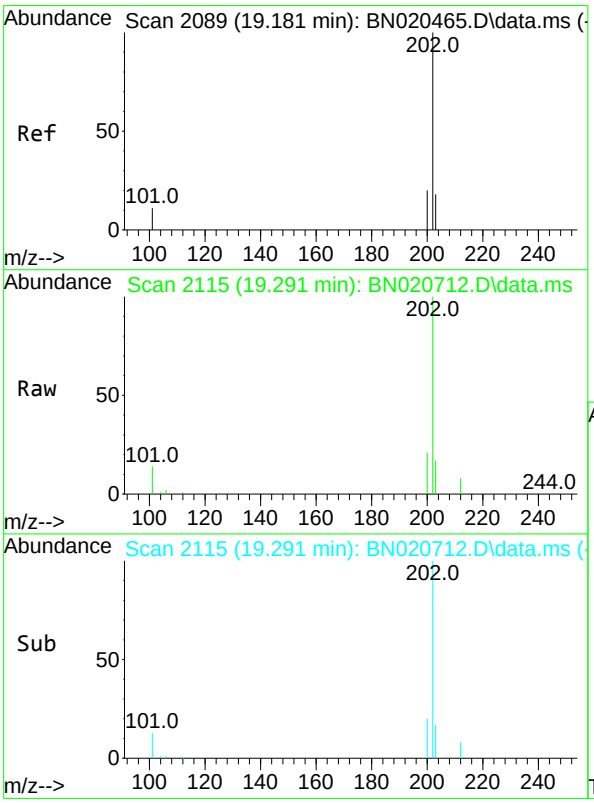
#27
Fluoranthene-d10
Concen: 0.338 ng
RT: 19.261 min Scan# 21
Delta R.T. -0.008 min
Lab File: BN020712.D
Acq: 12 Jul 2022 12:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 14353

Ion	Ratio	Lower	Upper
212	100		
106	16.4	12.6	19.0
104	9.1	7.2	10.8

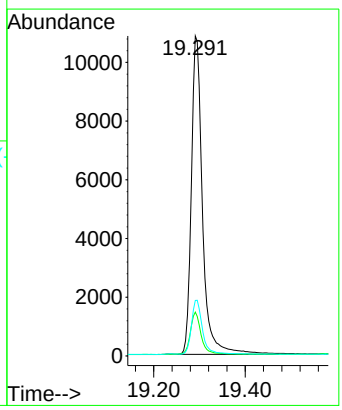


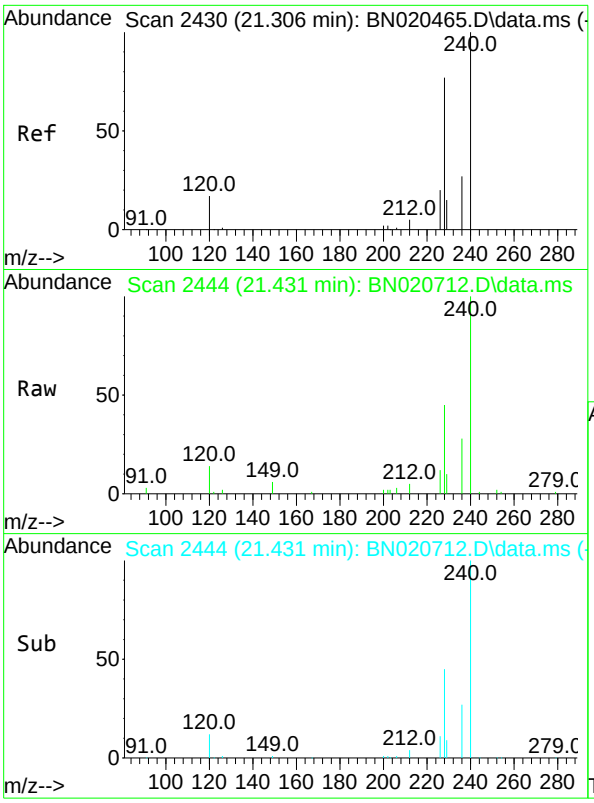


#28
Fluoranthene
Concen: 0.350 ng
RT: 19.291 min Scan# 2115
Delta R.T. -0.008 min
Lab File: BN020712.D
Acq: 12 Jul 2022 12:08

Tgt Ion:202 Resp: 18426

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.6	14.4
203	16.6	13.5	20.3



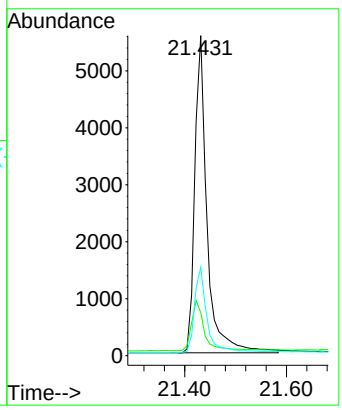


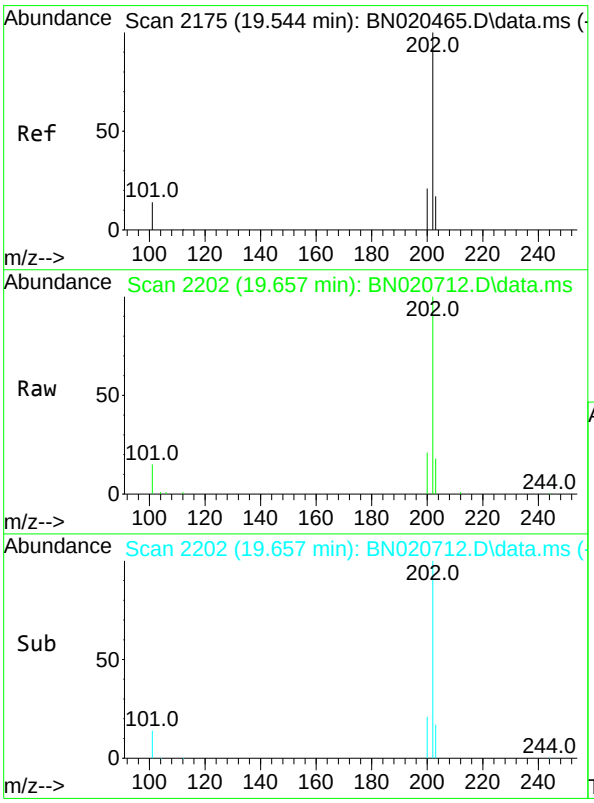
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.431 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN020712.D
Acq: 12 Jul 2022 12:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 9329

Ion	Ratio	Lower	Upper
240	100		
120	13.5	14.6	21.8#
236	27.6	22.6	33.8

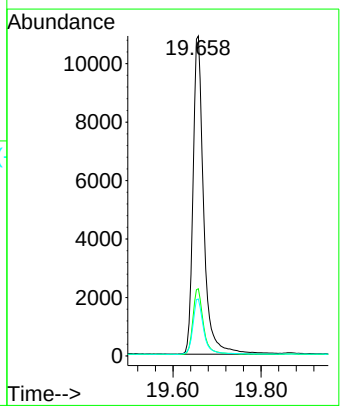


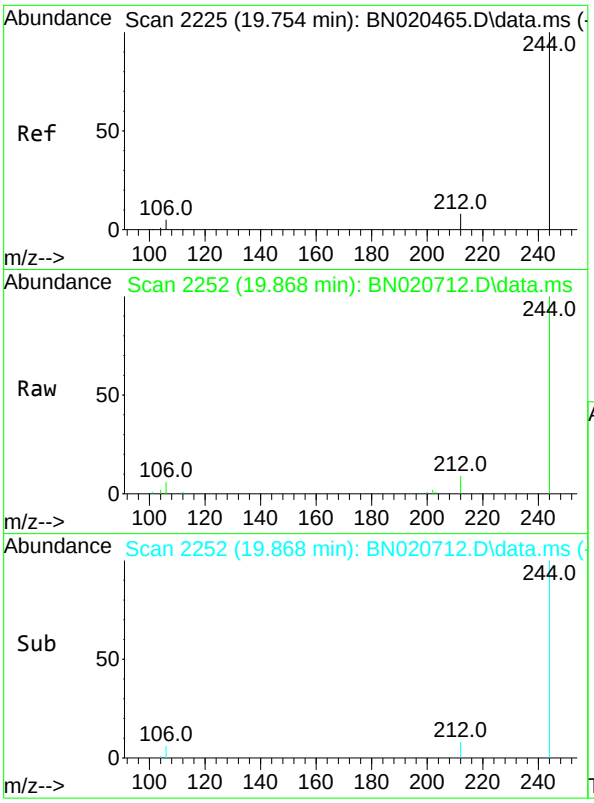


#30
Pyrene
Concen: 0.464 ng
RT: 19.657 min Scan# 2202
Delta R.T. -0.004 min
Lab File: BN020712.D
Acq: 12 Jul 2022 12:08

Tgt Ion:202 Resp: 18339

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	25.0
203	17.4	14.2	21.2



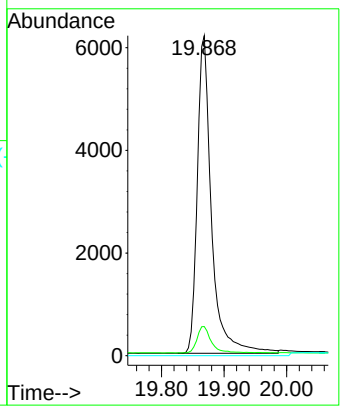


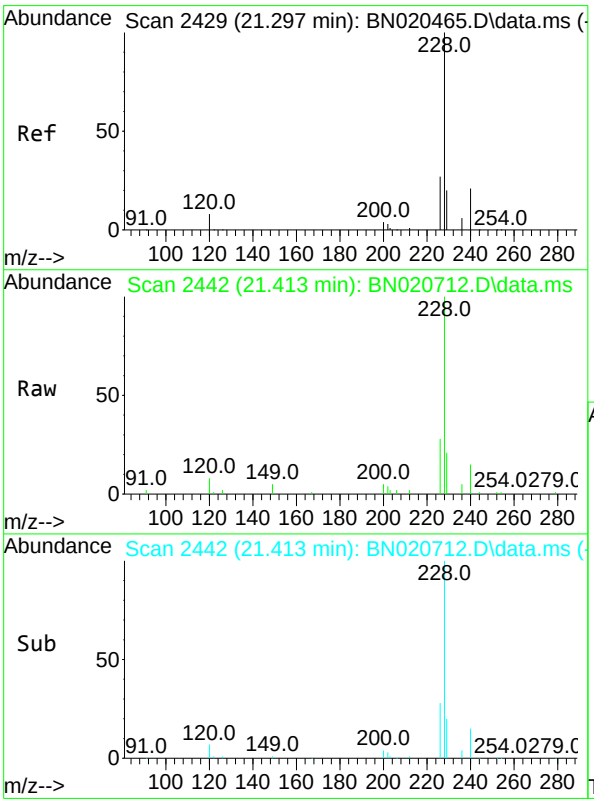
#31
Terphenyl-d14
Concen: 0.437 ng
RT: 19.868 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN020712.D
Acq: 12 Jul 2022 12:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 9749

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.1	10.7
122	0.0	0.0	0.0

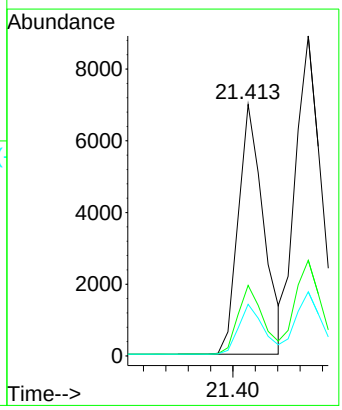


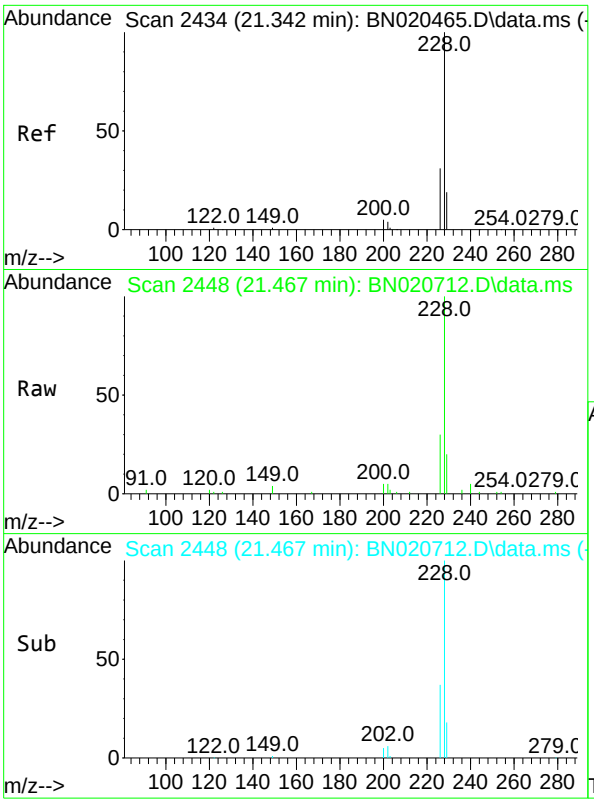


#32
Benzo(a)anthracene
Concen: 0.328 ng
RT: 21.413 min Scan# 2442
Delta R.T. -0.009 min
Lab File: BN020712.D
Acq: 12 Jul 2022 12:08

Tgt Ion:228 Resp: 10936

Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.2	31.8
229	20.5	15.6	23.4



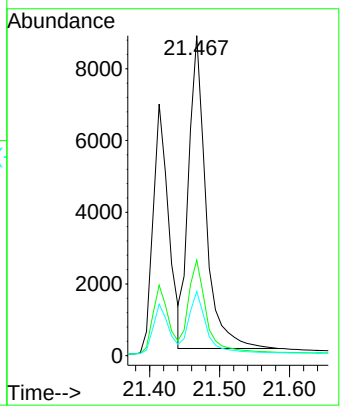


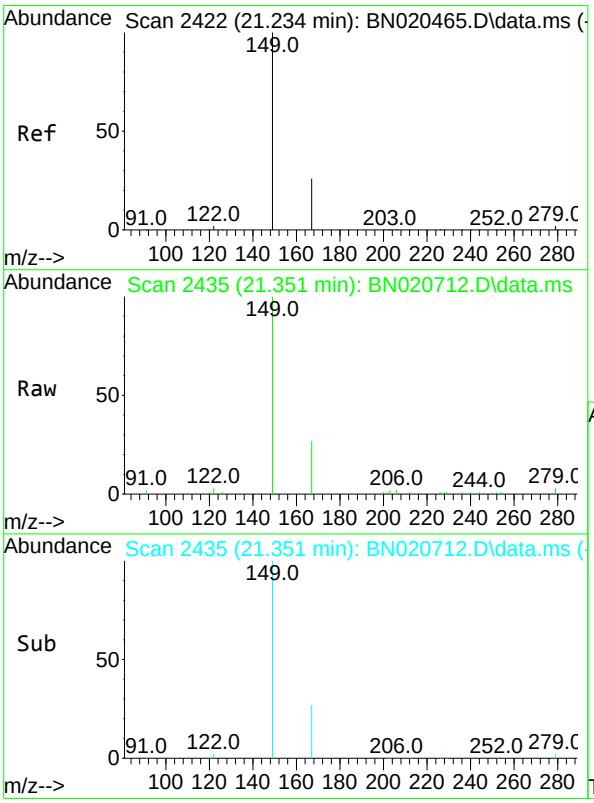
#33
Chrysene
Concen: 0.405 ng
RT: 21.467 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN020712.D
Acq: 12 Jul 2022 12:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 14964

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.4	35.0
229	20.0	15.7	23.5

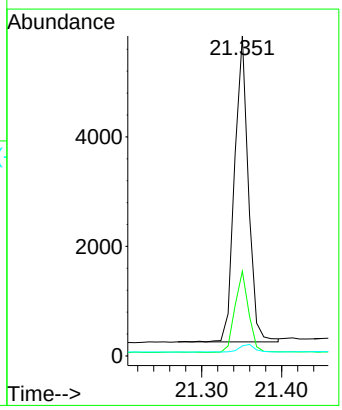


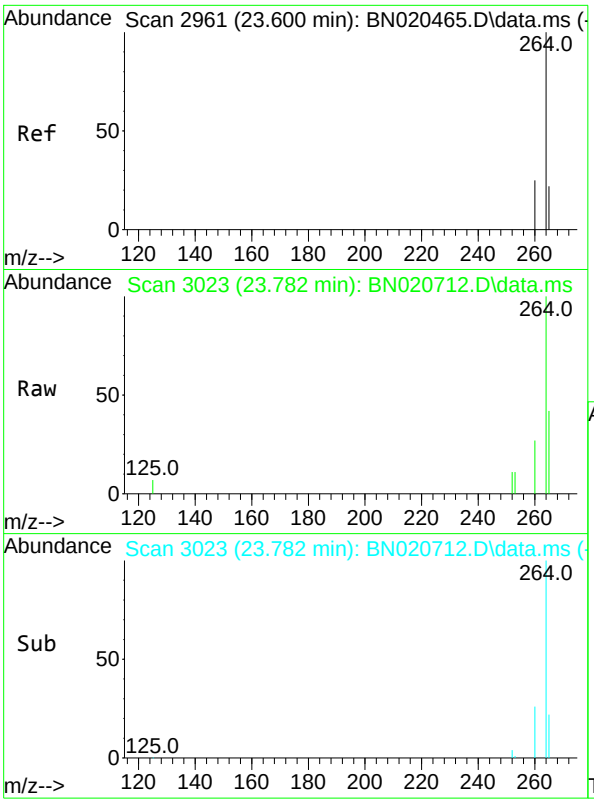


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.356 ng
RT: 21.351 min Scan# 2435
Delta R.T. 0.000 min
Lab File: BN020712.D
Acq: 12 Jul 2022 12:08

Tgt Ion:149 Resp: 6692

Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.7	32.5
279	2.7	2.2	3.2



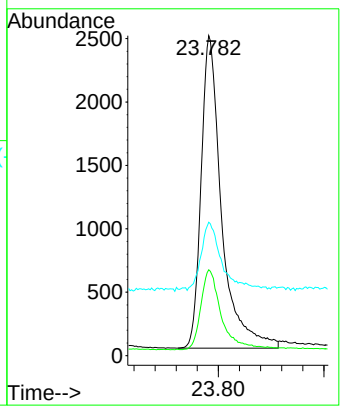


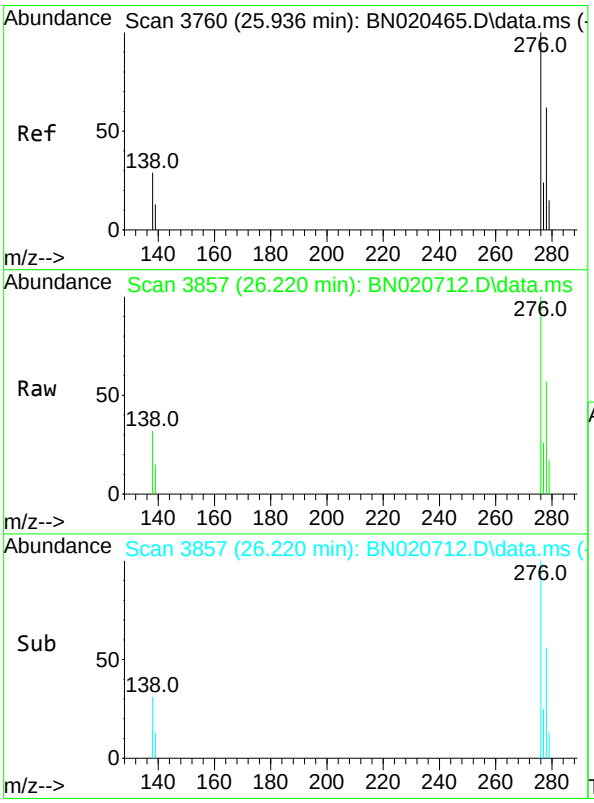
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.782 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN020712.D
Acq: 12 Jul 2022 12:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 6641

Ion	Ratio	Lower	Upper
264	100		
260	26.8	20.9	31.3
265	41.7	28.0	42.0

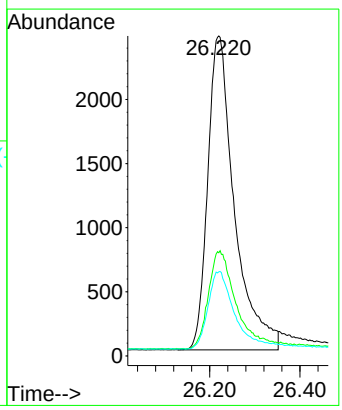


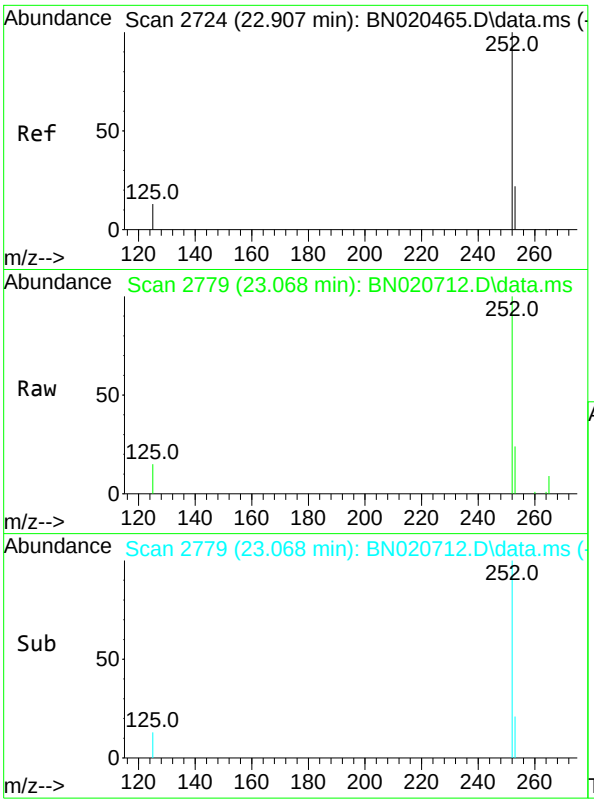


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.340 ng
RT: 26.220 min Scan# 3857
Delta R.T. -0.003 min
Lab File: BN020712.D
Acq: 12 Jul 2022 12:08

Tgt Ion:276 Resp: 10052

Ion	Ratio	Lower	Upper
276	100		
138	31.4	25.9	38.9
277	24.6	19.8	29.8



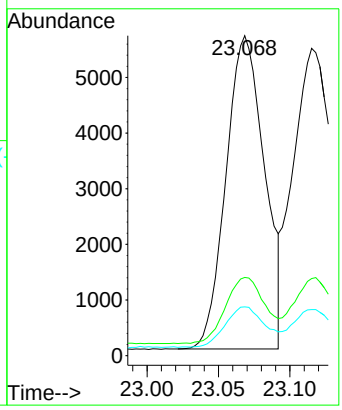


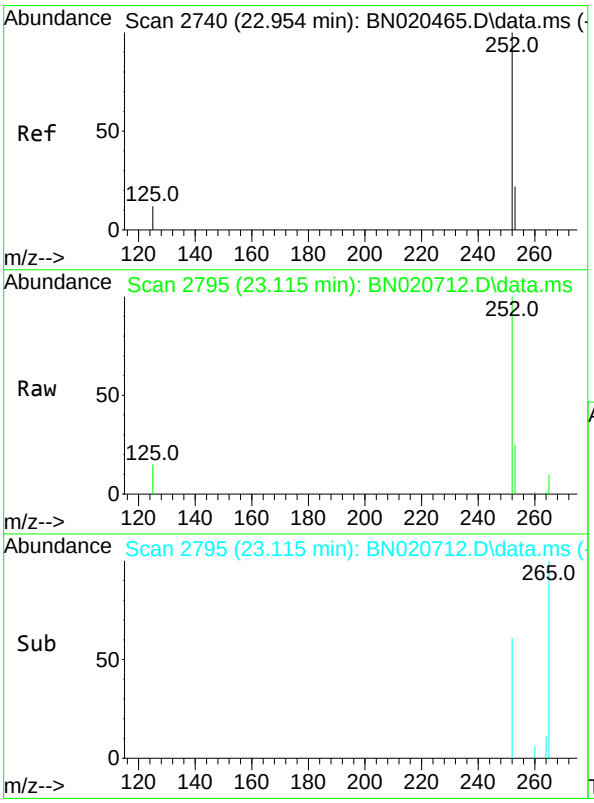
#37
Benzo(b)fluoranthene
Concen: 0.413 ng
RT: 23.068 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN020712.D
Acq: 12 Jul 2022 12:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 10564

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.5	27.7
125	15.2	11.4	17.0

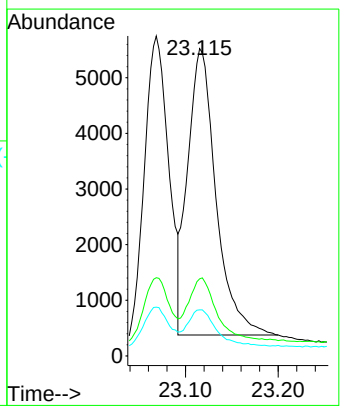


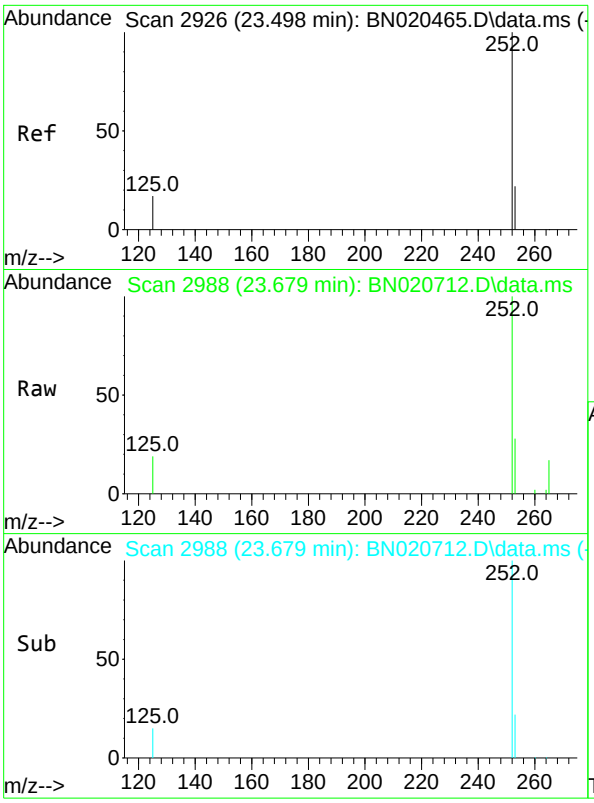


#38
Benzo(k)fluoranthene
Concen: 0.402 ng
RT: 23.115 min Scan# 2795
Delta R.T. -0.006 min
Lab File: BN020712.D
Acq: 12 Jul 2022 12:08

Tgt Ion:252 Resp: 10956

Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.0	27.0
125	15.0	11.0	16.4



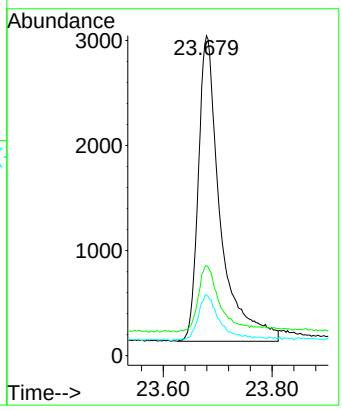


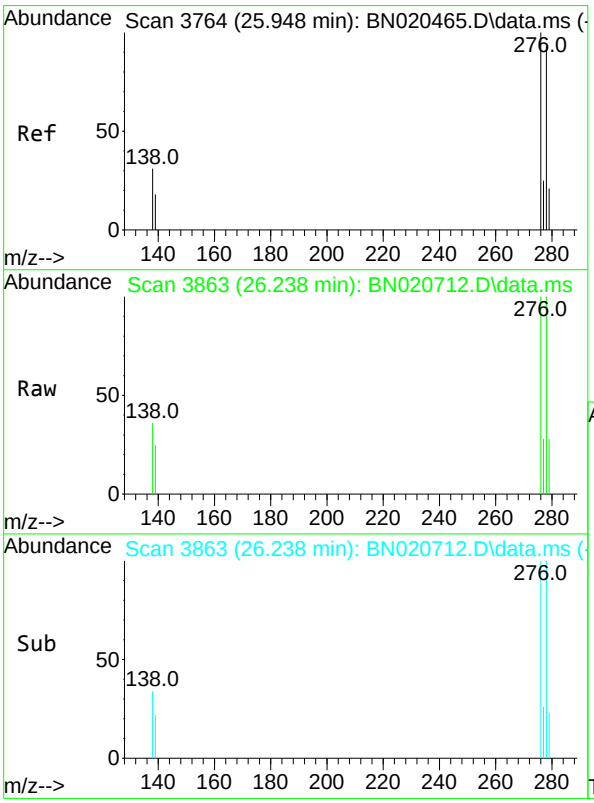
#39
Benzo(a)pyrene
Concen: 0.368 ng
RT: 23.679 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN020712.D
Acq: 12 Jul 2022 12:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 8159

Ion	Ratio	Lower	Upper
252	100		
253	28.2	19.0	28.4
125	19.0	13.8	20.8

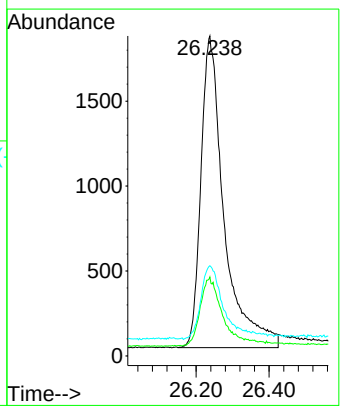


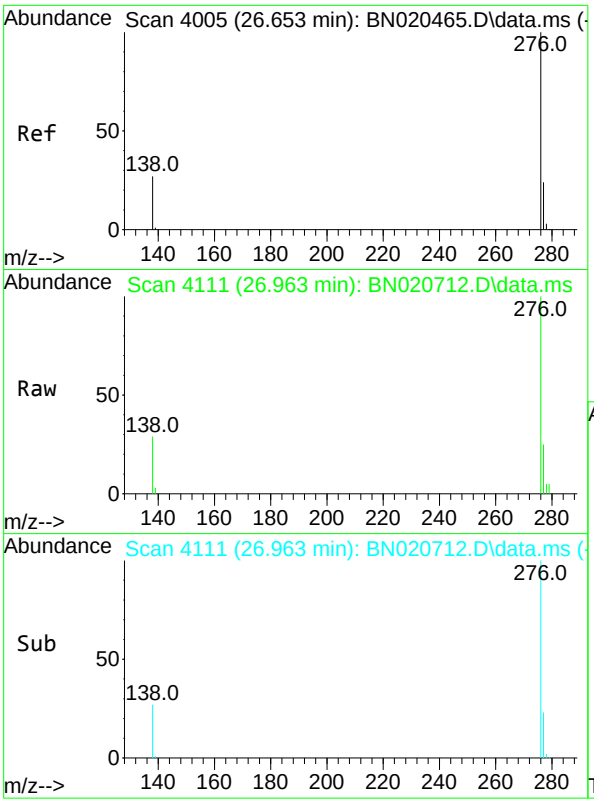


#40
Dibenzo(a,h)anthracene
Concen: 0.341 ng
RT: 26.238 min Scan# 3863
Delta R.T. -0.009 min
Lab File: BN020712.D
Acq: 12 Jul 2022 12:08

Tgt Ion:278 Resp: 8080

Ion	Ratio	Lower	Upper
278	100		
139	24.7	18.6	28.0
279	28.2	19.7	29.5





#41
Benzo(g,h,i)perylene
Concen: 0.373 ng
RT: 26.963 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN020712.D
Acq: 12 Jul 2022 12:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 9666

Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.5	29.3
138	29.2	22.6	34.0