Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061422\
Data File : BN020155.D
Acq On : 14 Jun 2022 13:18
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Jun 14 16:01:55 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN061422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 14 15:58:25 2022
Response via : Initial Calibration

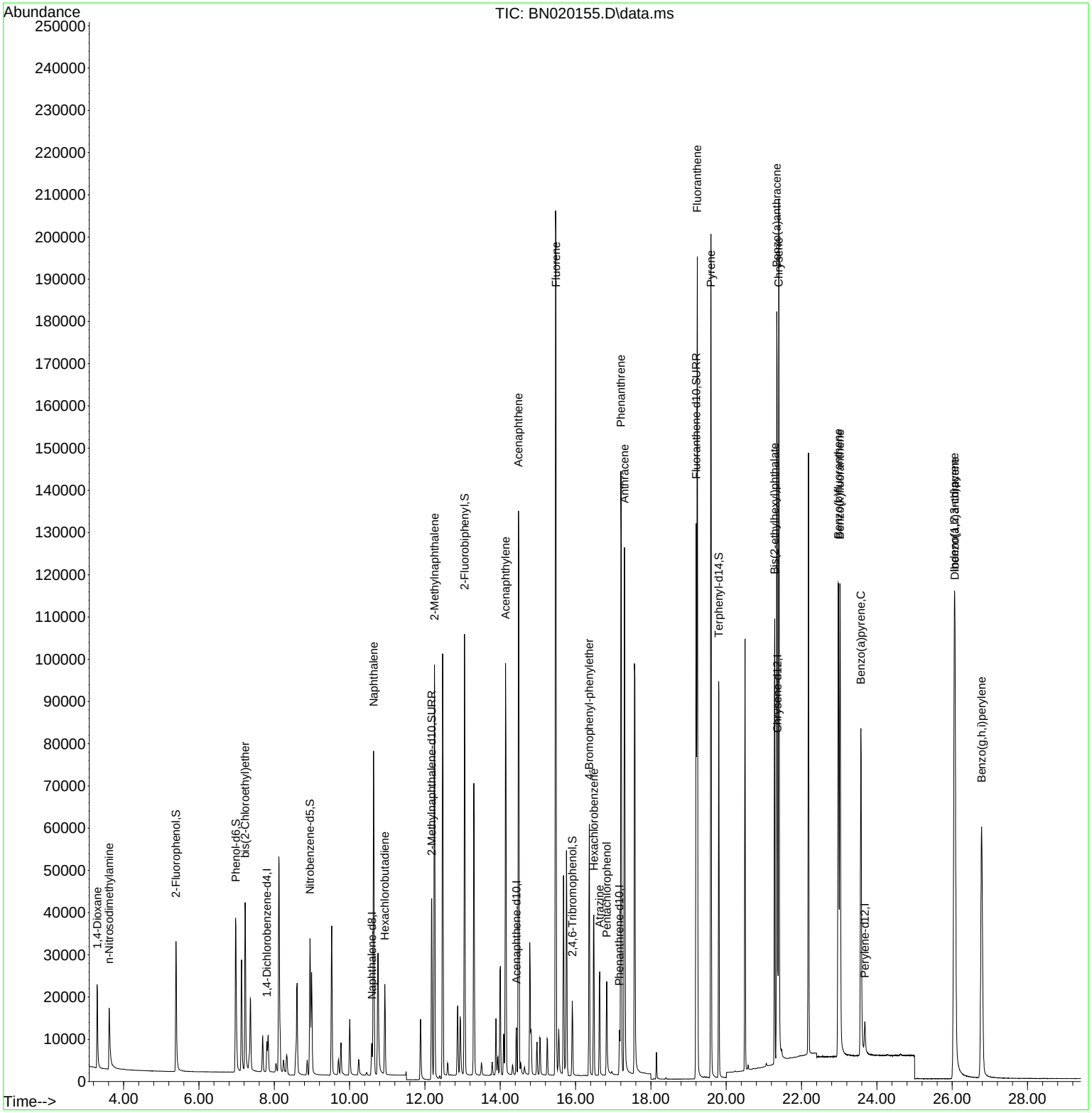
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	3587	0.400	ng	0.00
7) Naphthalene-d8	10.594	136	10966	0.400	ng	0.00
13) Acenaphthene-d10	14.431	164	7055	0.400	ng	0.00
19) Phenanthrene-d10	17.164	188	14893	0.400	ng	#-0.01
29) Chrysene-d12	21.360	240	14008	0.400	ng	0.00
35) Perylene-d12	23.679	264	11474	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	28297	2.865	ng	0.00
5) Phenol-d6	6.980	99	36653	3.254	ng	0.00
8) Nitrobenzene-d5	8.950	82	26738	3.391	ng	-0.01
11) 2-Methylnaphthalene-d10	12.178	152	61615	3.145	ng	0.00
14) 2,4,6-Tribromophenol	15.913	330	9103	3.391	ng	-0.01
15) 2-Fluorobiphenyl	13.052	172	89290	3.138	ng	0.00
27) Fluoranthene-d10	19.202	212	144681	3.128	ng	0.00
31) Terphenyl-d14	19.801	244	102557	3.015	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.304	88	13241	3.133	ng	91
3) n-Nitrosodimethylamine	3.615	42	13059	3.300	ng	# 89
6) bis(2-Chloroethyl)ether	7.226	93	32097	3.278	ng	98
9) Naphthalene	10.637	128	101768	3.071	ng	99
10) Hexachlorobutadiene	10.936	225	17437	2.972	ng	# 100
12) 2-Methylnaphthalene	12.253	142	71878	3.144	ng	99
16) Acenaphthylene	14.142	152	112947	3.392	ng	98
17) Acenaphthene	14.484	154	72458	3.099	ng	97
18) Fluorene	15.479	166	96195	3.067	ng	100
21) 4-Bromophenyl-phenylether	16.364	248	28209	3.231	ng	94
22) Hexachlorobenzene	16.487	284	30260	3.153	ng	99
23) Atrazine	16.641	200	21266	3.338	ng	96
24) Pentachlorophenol	16.825	266	12182	3.604	ng	98
25) Phenanthrene	17.205	178	157964	3.098	ng	100
26) Anthracene	17.297	178	142950	3.289	ng	100
28) Fluoranthene	19.232	202	179935	3.140	ng	99
30) Pyrene	19.594	202	182756	3.020	ng	100
32) Benzo(a)anthracene	21.342	228	163794	3.133	ng	99
33) Chrysene	21.395	228	171574	3.048	ng	98
34) Bis(2-ethylhexyl)phtha...	21.288	149	94350	3.045	ng	100
36) Indeno(1,2,3-cd)pyrene	26.056	276	152738	3.161	ng	99
37) Benzo(b)fluoranthene	22.975	252	151786	3.248	ng	98
38) Benzo(k)fluoranthene	23.021	252	149506	3.169	ng	99
39) Benzo(a)pyrene	23.577	252	123858	3.160	ng	96
40) Dibenzo(a,h)anthracene	26.074	278	124102	3.201	ng	97
41) Benzo(g,h,i)perylene	26.781	276	131302	3.094	ng	99

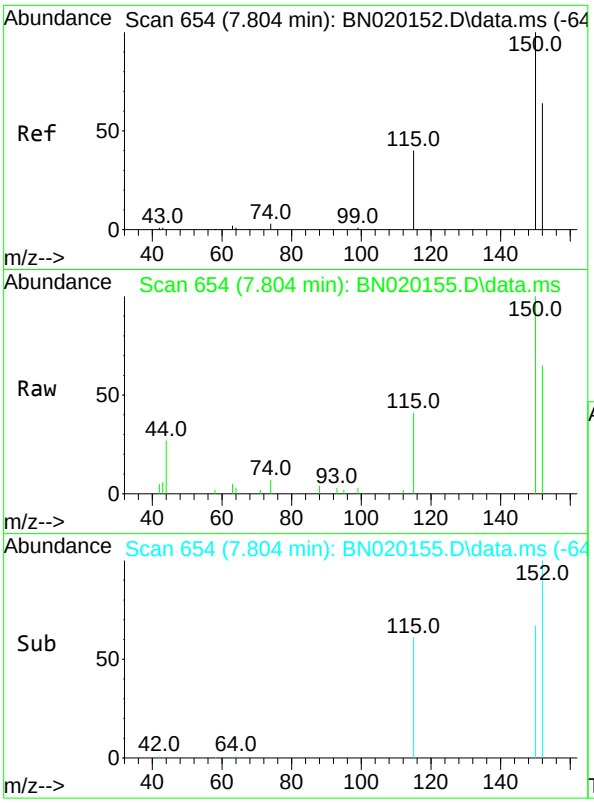
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061422\
Data File : BN020155.D
Acq On : 14 Jun 2022 13:18
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Jun 14 16:01:55 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN061422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 14 15:58:25 2022
Response via : Initial Calibration



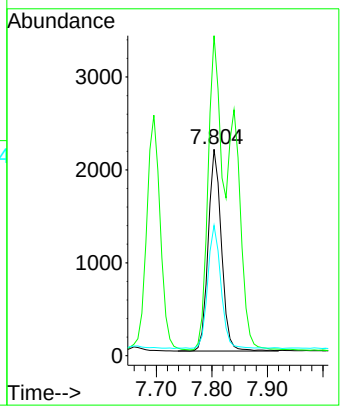


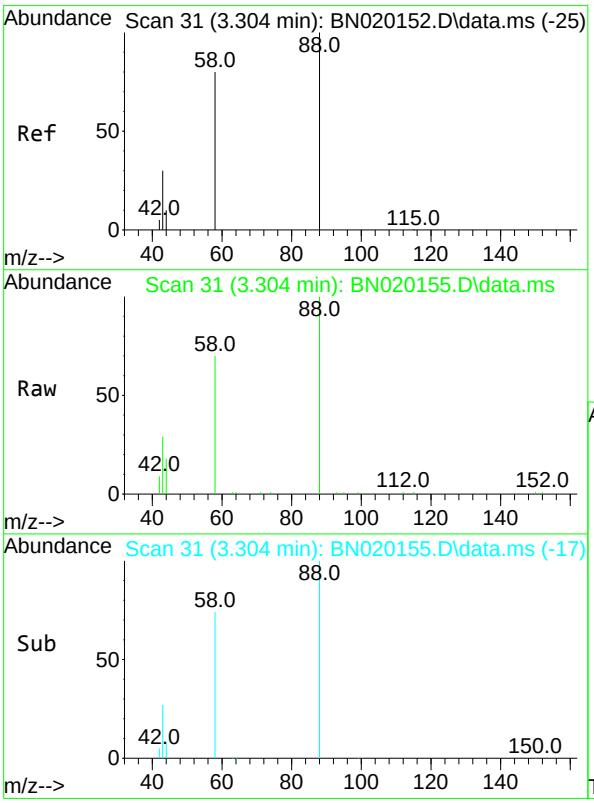
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.804 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN020155.D
Acq: 14 Jun 2022 13:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 3587

Ion	Ratio	Lower	Upper
152	100		
150	155.0	127.9	191.9
115	63.1	51.4	77.2

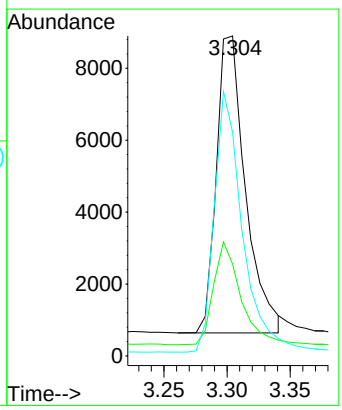


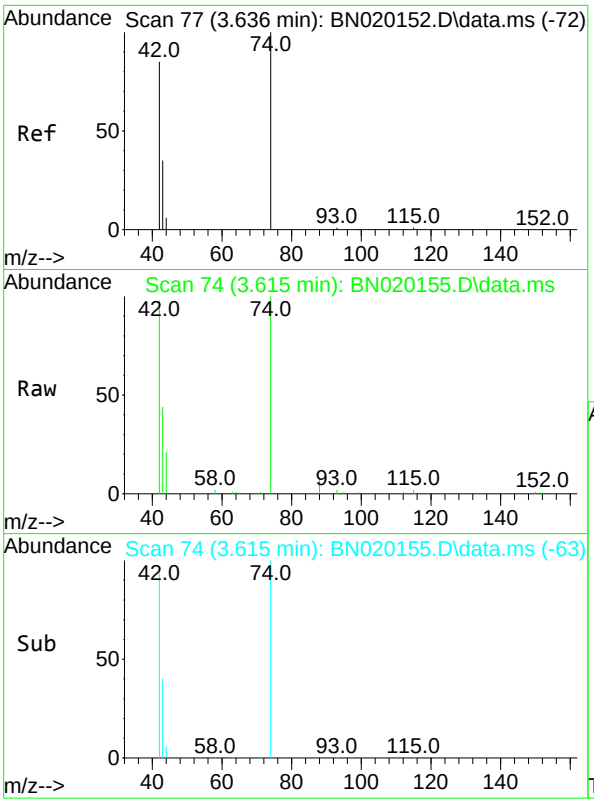


#2
1,4-Dioxane
Concen: 3.133 ng
RT: 3.304 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN020155.D
Acq: 14 Jun 2022 13:18

Tgt Ion: 88 Resp: 13241

Ion	Ratio	Lower	Upper
88	100		
43	32.1	30.2	45.2
58	83.2	73.0	109.6



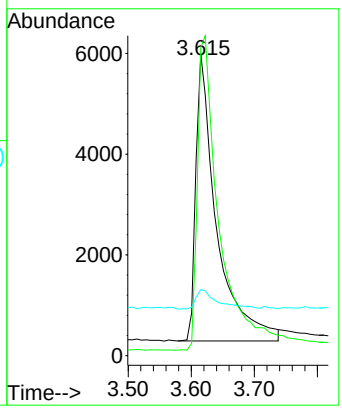


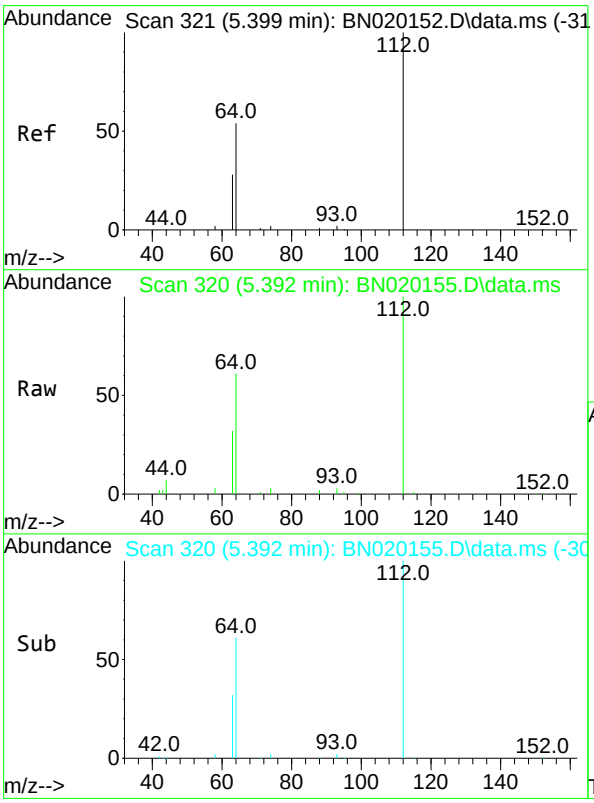
#3
n-Nitrosodimethylamine
Concen: 3.300 ng
RT: 3.615 min Scan# 7
Delta R.T. -0.022 min
Lab File: BN020155.D
Acq: 14 Jun 2022 13:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion: 42 Resp: 13059

Ion	Ratio	Lower	Upper
42	100		
74	115.4	84.0	126.0
44	6.8	9.8	14.8#

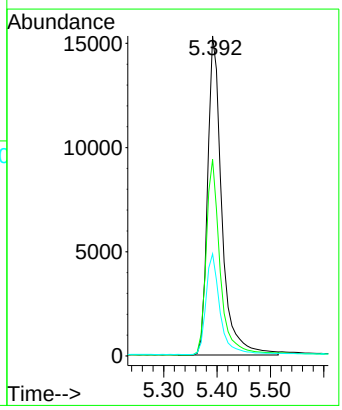


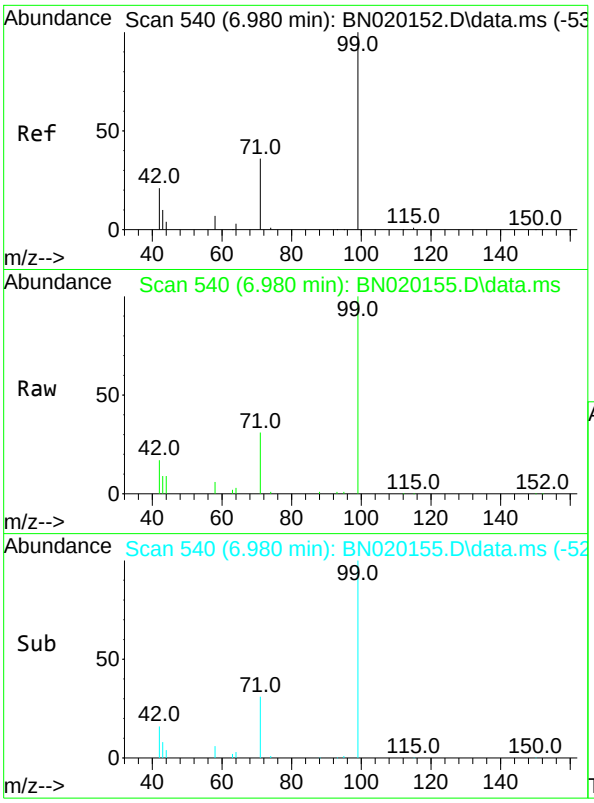


#4
2-Fluorophenol
Concen: 2.865 ng
RT: 5.392 min Scan# 320
Delta R.T. -0.007 min
Lab File: BN020155.D
Acq: 14 Jun 2022 13:18

Tgt Ion:112 Resp: 28297

Ion	Ratio	Lower	Upper
112	100		
64	60.3	49.1	73.7
63	31.5	26.3	39.5



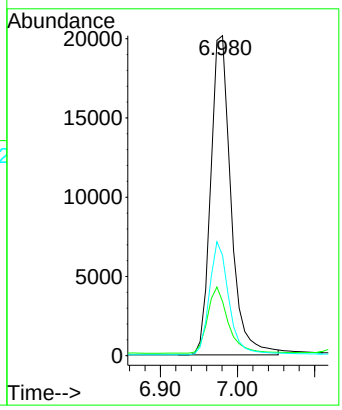


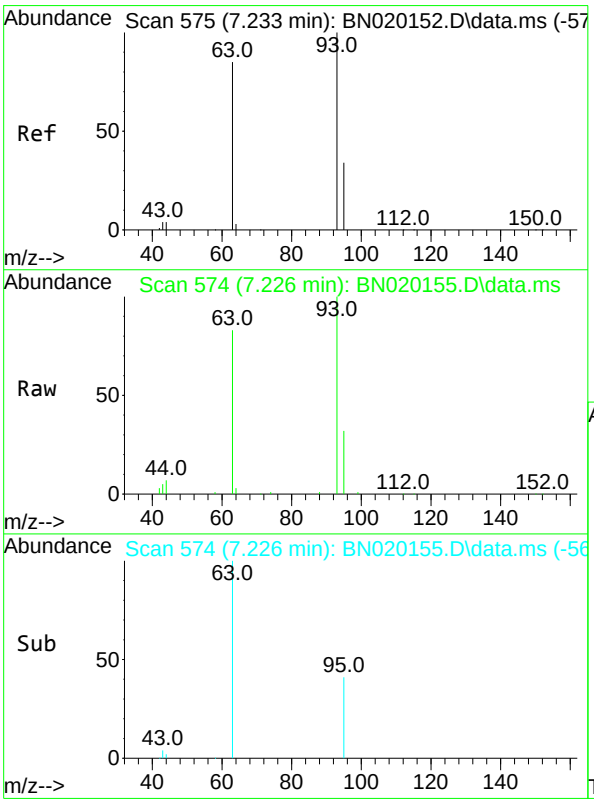
#5
Phenol-d6
Concen: 3.254 ng
RT: 6.980 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN020155.D
Acq: 14 Jun 2022 13:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion: 99 Resp: 36653

Ion	Ratio	Lower	Upper
99	100		
42	21.1	19.3	28.9
71	34.1	27.5	41.3

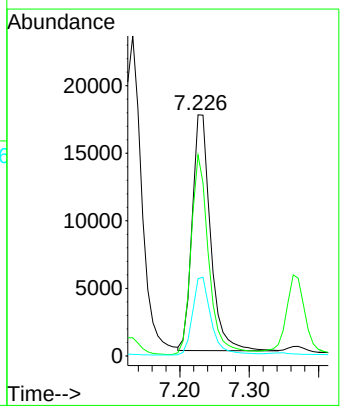


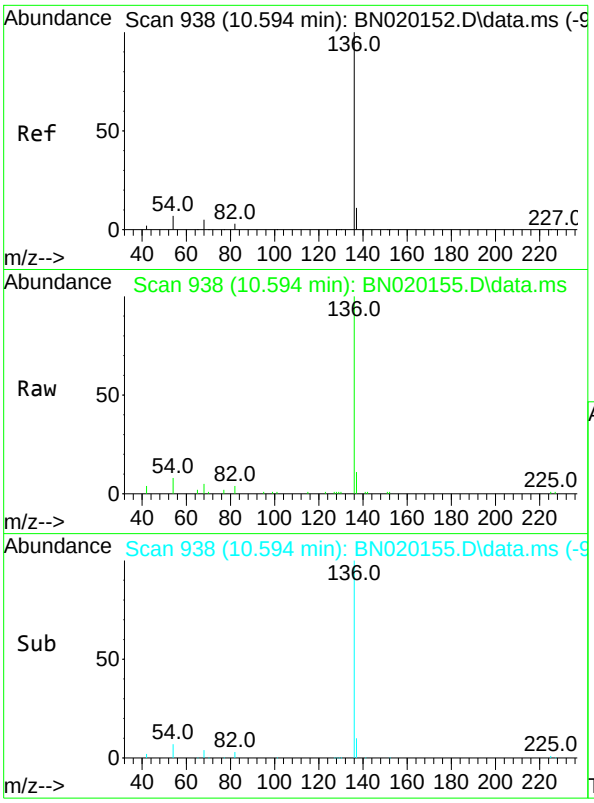


#6
bis(2-Chloroethyl)ether
Concen: 3.278 ng
RT: 7.226 min Scan# 574
Delta R.T. -0.007 min
Lab File: BN020155.D
Acq: 14 Jun 2022 13:18

Tgt Ion: 93 Resp: 32097

Ion	Ratio	Lower	Upper
93	100		
63	81.4	67.4	101.0
95	33.3	26.5	39.7



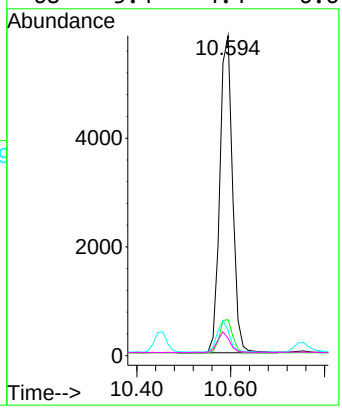


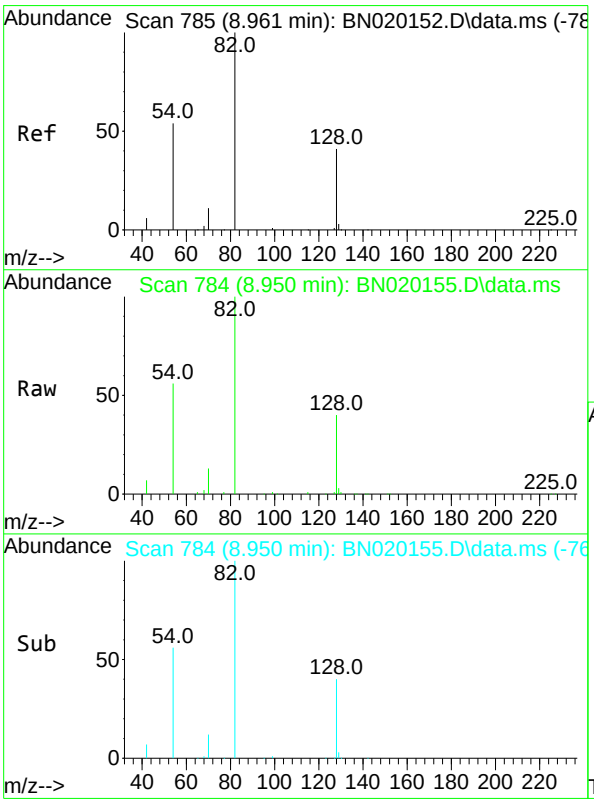
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.594 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN020155.D
Acq: 14 Jun 2022 13:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:136 Resp: 10966

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	7.8	6.2	9.2
68	5.4	4.4	6.6

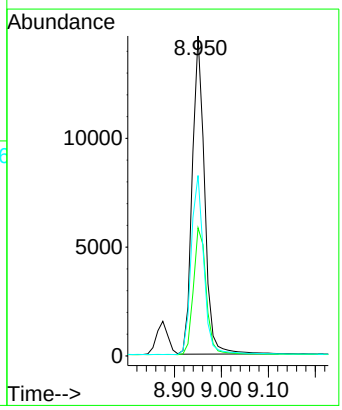


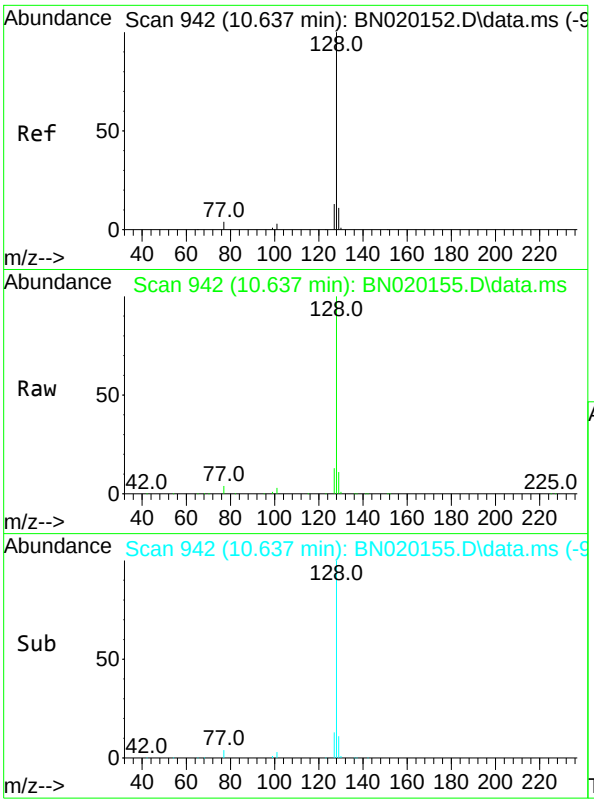


#8
Nitrobenzene-d5
Concen: 3.391 ng
RT: 8.950 min Scan# 784
Delta R.T. -0.011 min
Lab File: BN020155.D
Acq: 14 Jun 2022 13:18

Tgt Ion: 82 Resp: 26738

Ion	Ratio	Lower	Upper
82	100		
128	40.1	35.0	52.6
54	56.4	46.2	69.4



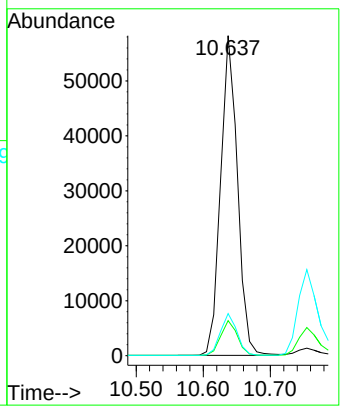


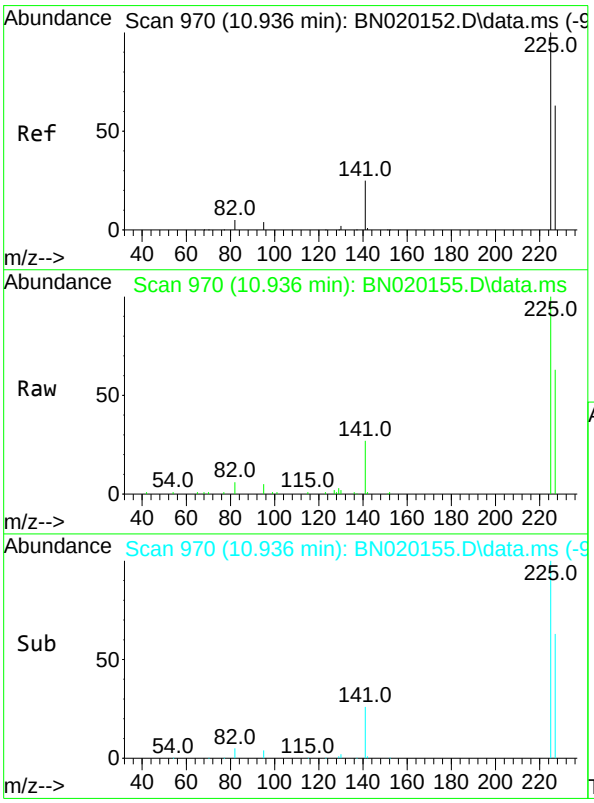
#9
Naphthalene
Concen: 3.071 ng
RT: 10.637 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN020155.D
Acq: 14 Jun 2022 13:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:128 Resp: 101768

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	13.1	10.8	16.2

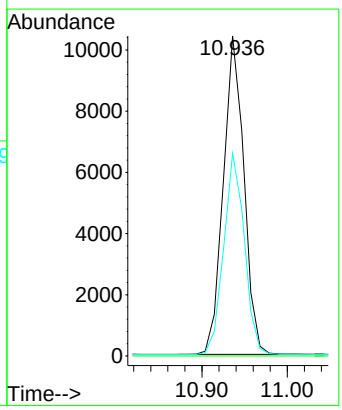


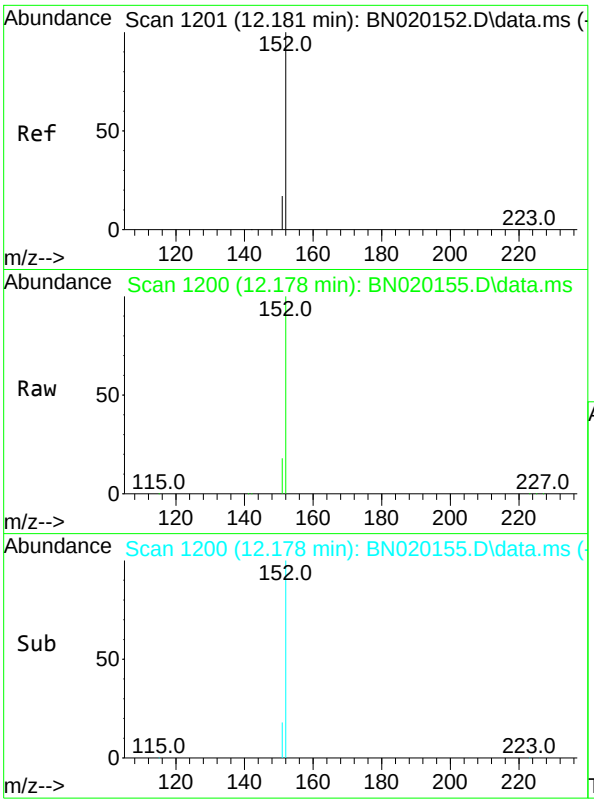


#10
Hexachlorobutadiene
Concen: 2.972 ng
RT: 10.936 min Scan# 970
Delta R.T. 0.000 min
Lab File: BN020155.D
Acq: 14 Jun 2022 13:18

Tgt Ion:225 Resp: 17437

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.4	50.9	76.3



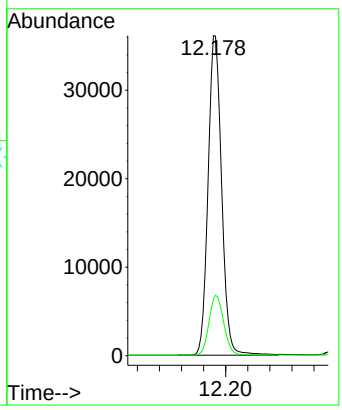


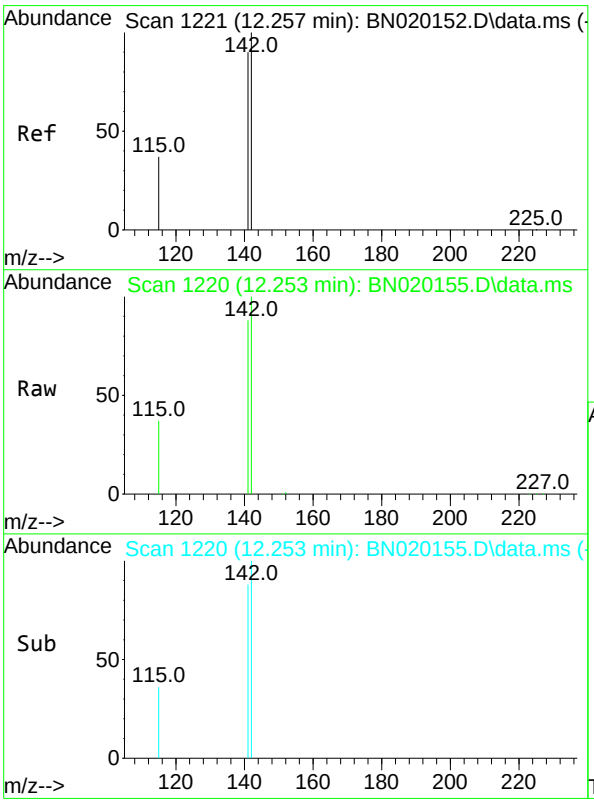
#11
2-Methylnaphthalene-d10
Concen: 3.145 ng
RT: 12.178 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN020155.D
Acq: 14 Jun 2022 13:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 61615

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.4

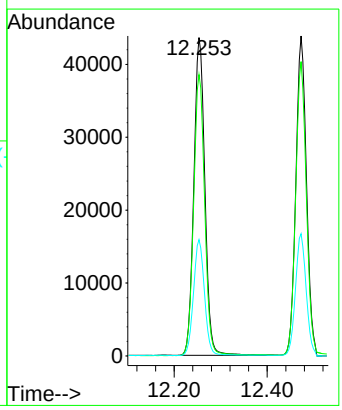


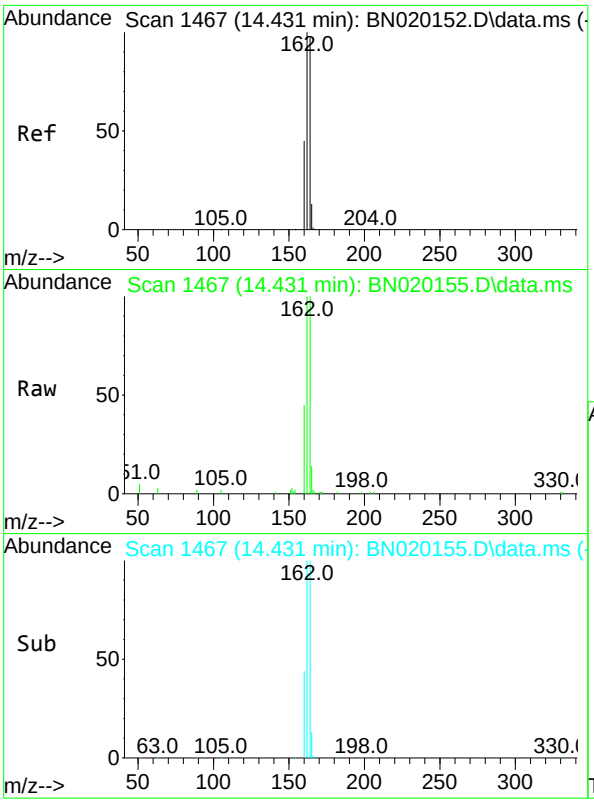


#12
2-Methylnaphthalene
Concen: 3.144 ng
RT: 12.253 min Scan# 1220
Delta R.T. -0.004 min
Lab File: BN020155.D
Acq: 14 Jun 2022 13:18

Tgt Ion:142 Resp: 71878

Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.6	107.4
115	36.5	29.8	44.8



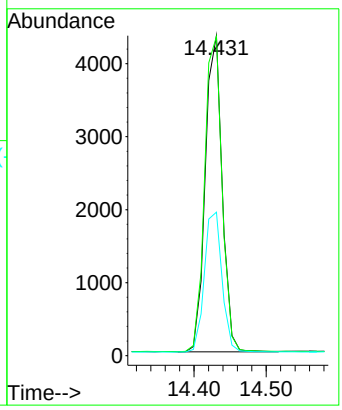


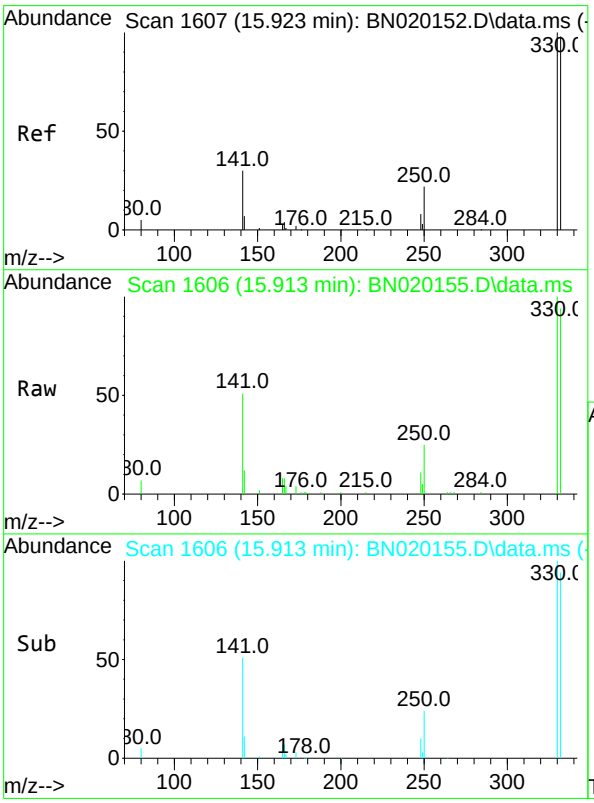
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.431 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN020155.D
Acq: 14 Jun 2022 13:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:164 Resp: 7055

Ion	Ratio	Lower	Upper
164	100		
162	99.8	82.1	123.1
160	44.8	38.6	58.0

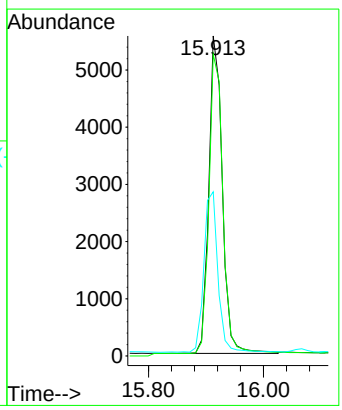


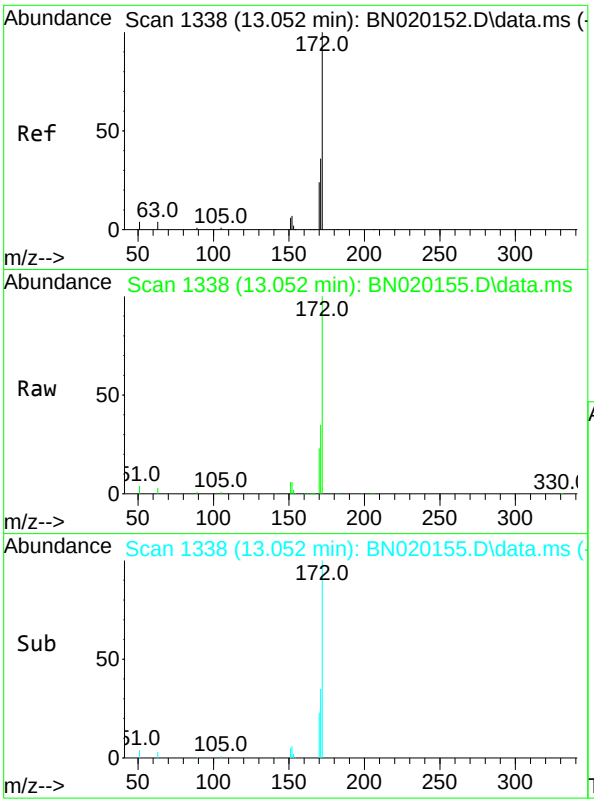


#14
2,4,6-Tribromophenol
Concen: 3.391 ng
RT: 15.913 min Scan# 1606
Delta R.T. -0.010 min
Lab File: BN020155.D
Acq: 14 Jun 2022 13:18

Tgt Ion:330 Resp: 9103

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.6	116.4
141	52.5	41.0	61.4



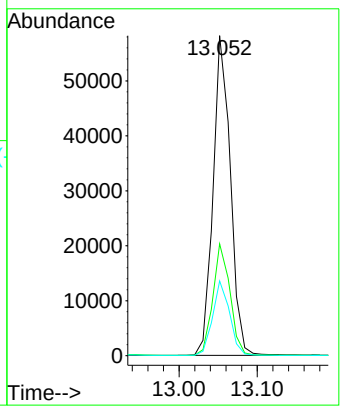


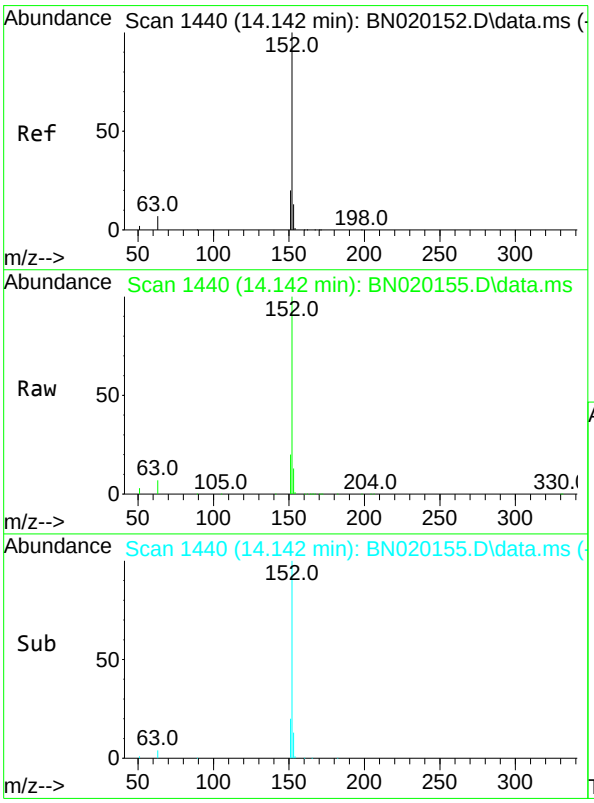
#15
2-Fluorobiphenyl
Concen: 3.138 ng
RT: 13.052 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN020155.D
Acq: 14 Jun 2022 13:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:172 Resp: 89290

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.2	40.8
170	23.3	18.2	27.4

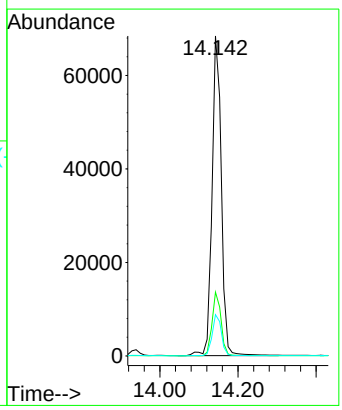


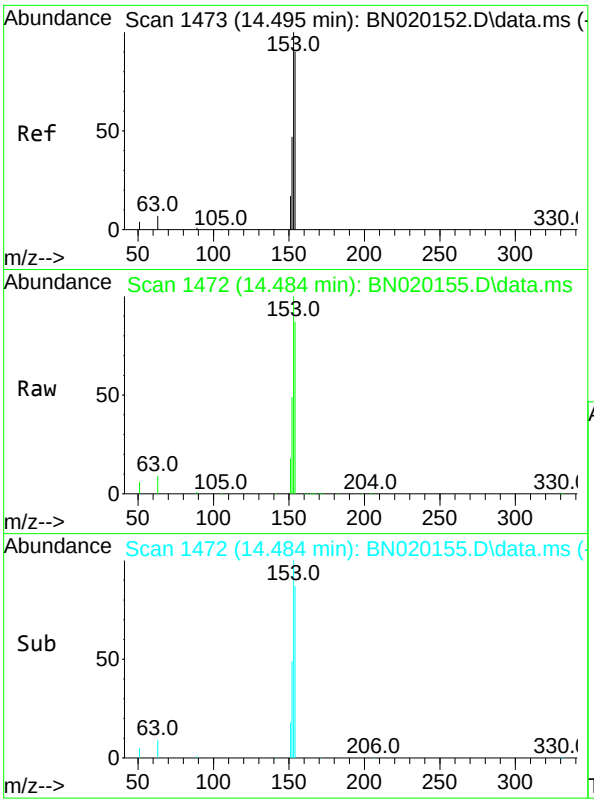


#16
Acenaphthylene
Concen: 3.392 ng
RT: 14.142 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BN020155.D
Acq: 14 Jun 2022 13:18

Tgt Ion:152 Resp: 112947

Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.2	24.4
153	12.9	10.7	16.1



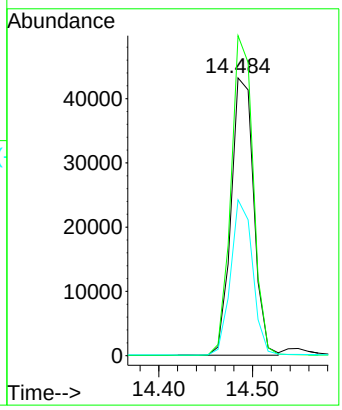


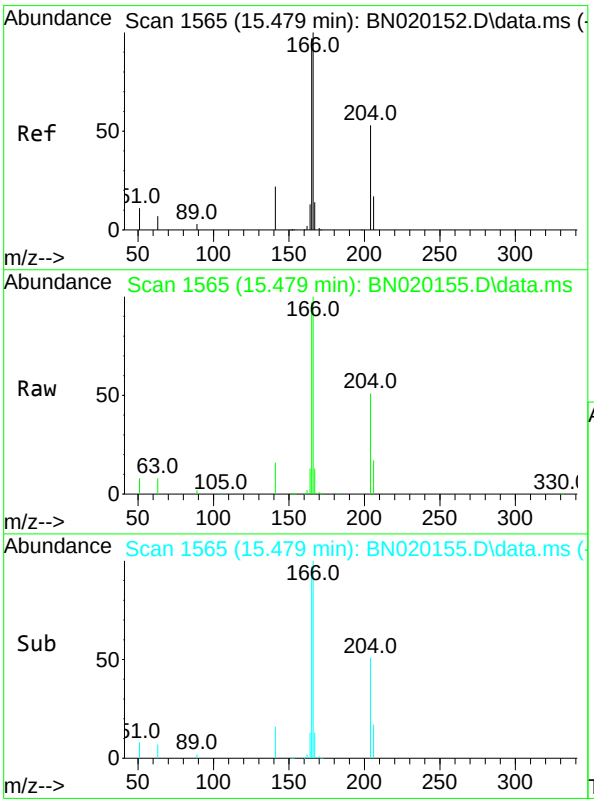
#17
Acenaphthene
Concen: 3.099 ng
RT: 14.484 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN020155.D
Acq: 14 Jun 2022 13:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:154 Resp: 72458

Ion	Ratio	Lower	Upper
154	100		
153	113.5	87.5	131.3
152	54.5	43.8	65.6

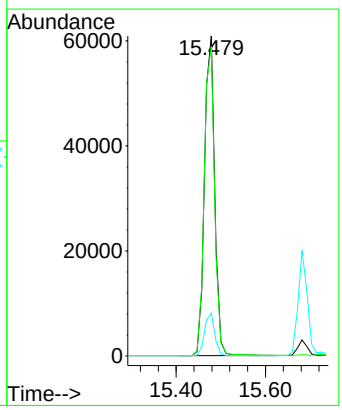


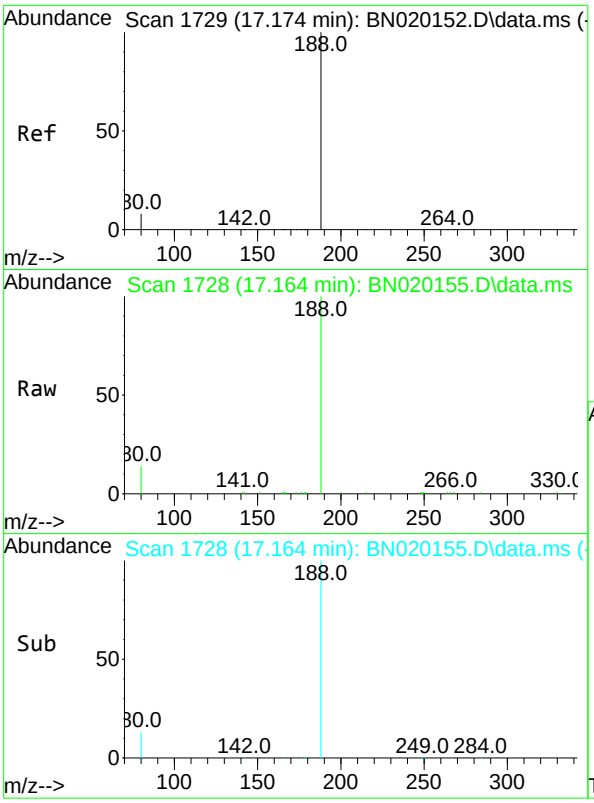


#18
Fluorene
Concen: 3.067 ng
RT: 15.479 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BN020155.D
Acq: 14 Jun 2022 13:18

Tgt Ion:166 Resp: 96195

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.6	118.0
167	13.3	10.8	16.2



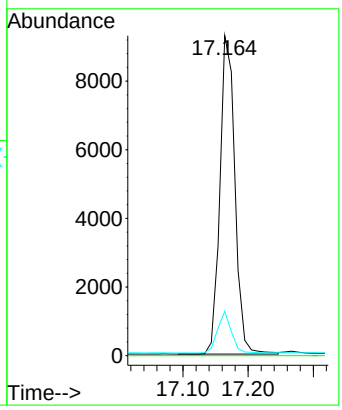


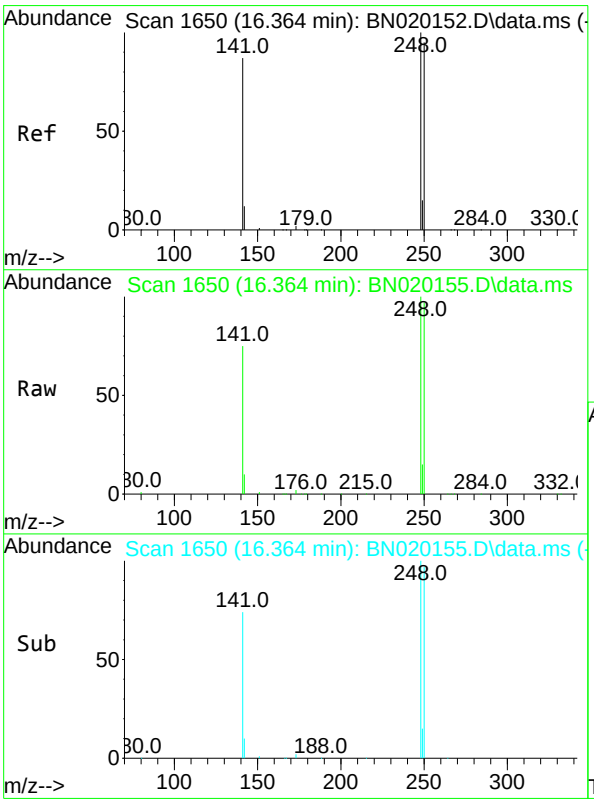
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.164 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN020155.D
Acq: 14 Jun 2022 13:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:188 Resp: 14893

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.8	7.4	11.2#

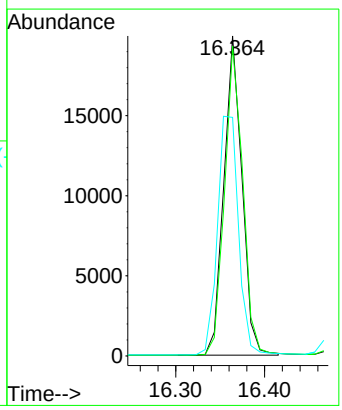


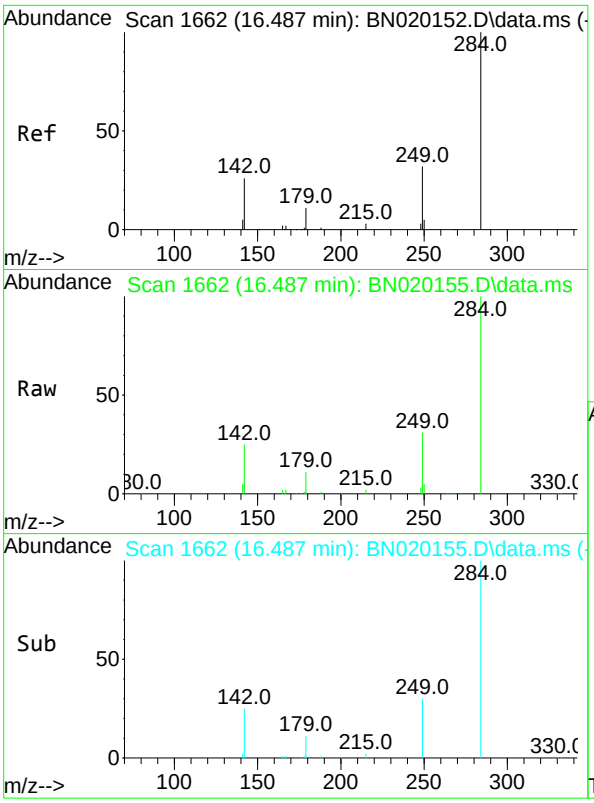


#21
4-Bromophenyl-phenylether
Concen: 3.231 ng
RT: 16.364 min Scan# 1650
Delta R.T. 0.000 min
Lab File: BN020155.D
Acq: 14 Jun 2022 13:18

Tgt Ion:248 Resp: 28209

Ion	Ratio	Lower	Upper
248	100		
250	96.9	75.3	112.9
141	74.5	67.3	100.9



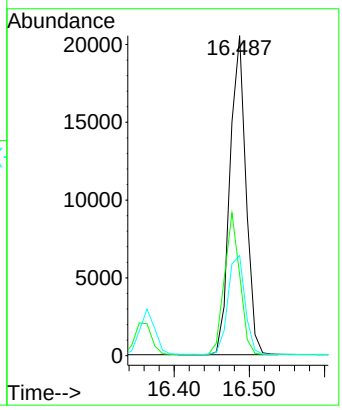


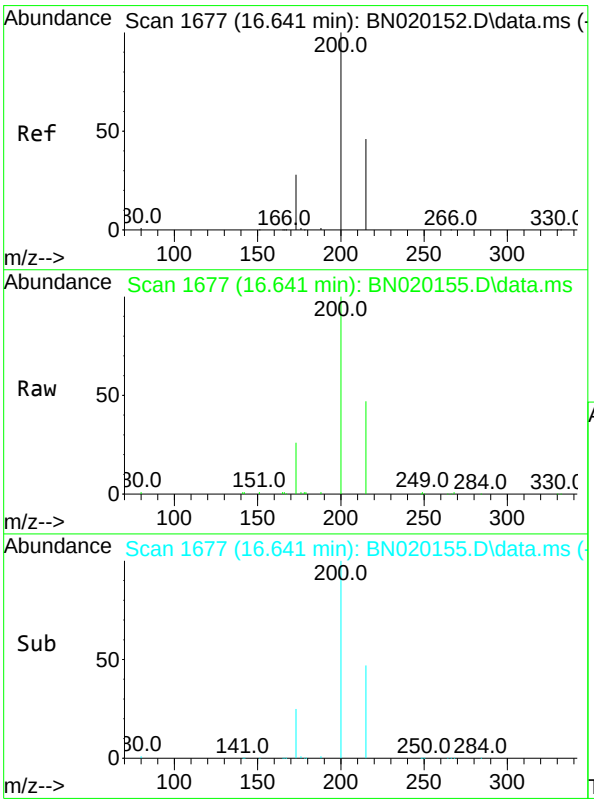
#22
Hexachlorobenzene
Concen: 3.153 ng
RT: 16.487 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN020155.D
Acq: 14 Jun 2022 13:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:284 Resp: 30260

Ion	Ratio	Lower	Upper
284	100		
142	42.7	35.2	52.8
249	33.3	26.6	40.0

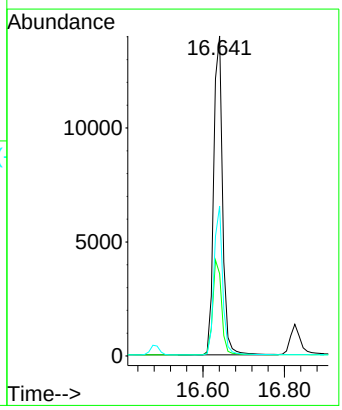


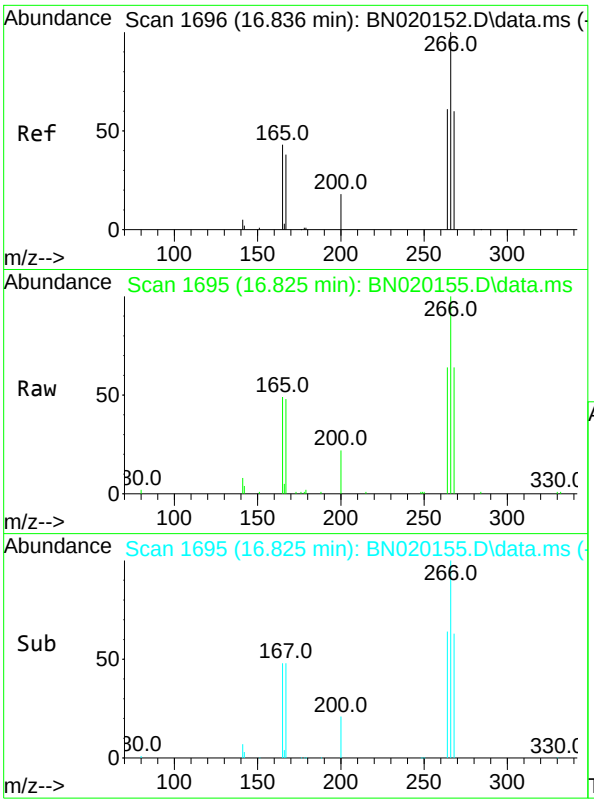


#23
Atrazine
Concen: 3.338 ng
RT: 16.641 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BN020155.D
Acq: 14 Jun 2022 13:18

Tgt Ion:200 Resp: 21266

Ion	Ratio	Lower	Upper
200	100		
173	25.7	23.6	35.4
215	46.9	36.6	54.8



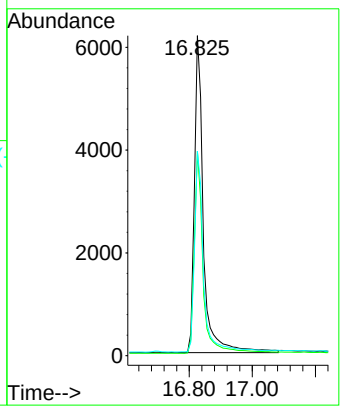


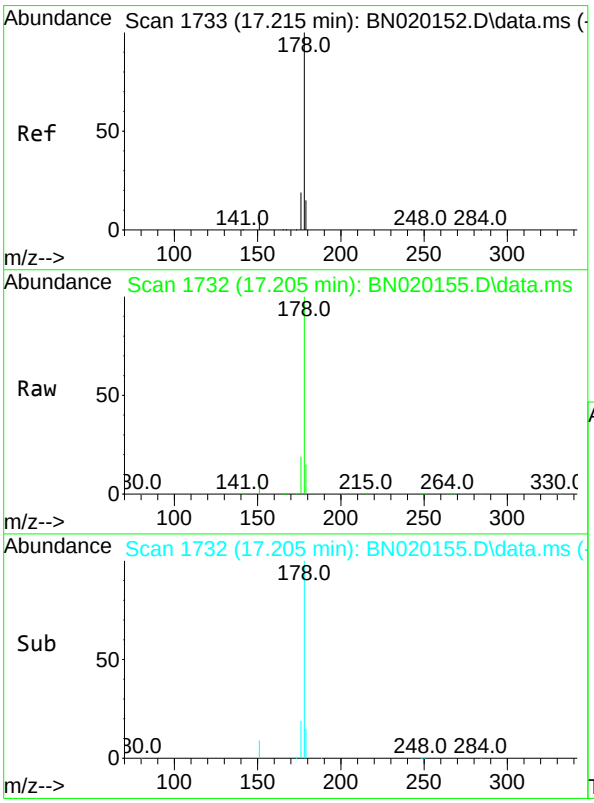
#24
Pentachlorophenol
Concen: 3.604 ng
RT: 16.825 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN020155.D
Acq: 14 Jun 2022 13:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:266 Resp: 12182

Ion	Ratio	Lower	Upper
266	100		
264	62.9	51.3	76.9
268	64.2	52.6	79.0

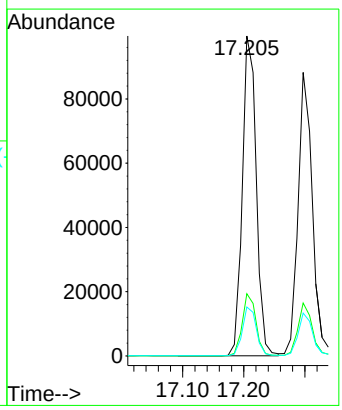


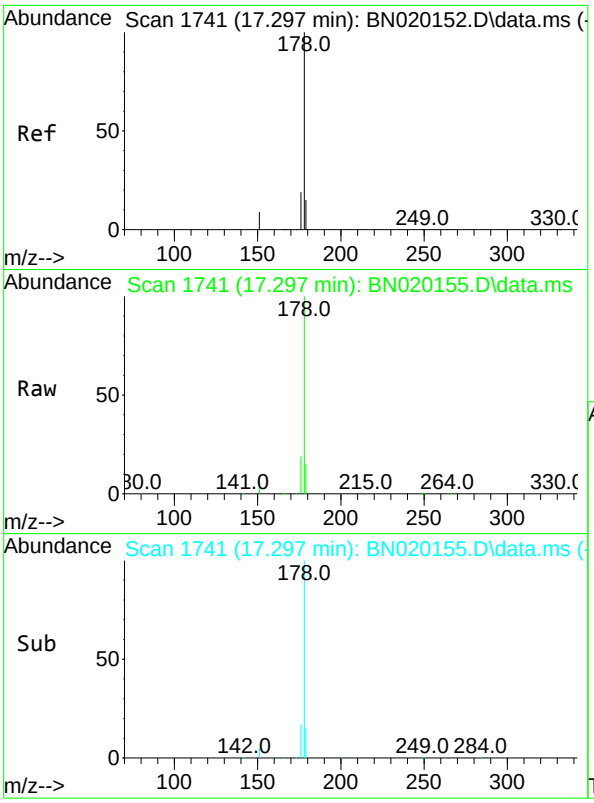


#25
Phenanthrene
Concen: 3.098 ng
RT: 17.205 min Scan# 1732
Delta R.T. -0.010 min
Lab File: BN020155.D
Acq: 14 Jun 2022 13:18

Tgt Ion:178 Resp: 157964

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.2	12.2	18.4



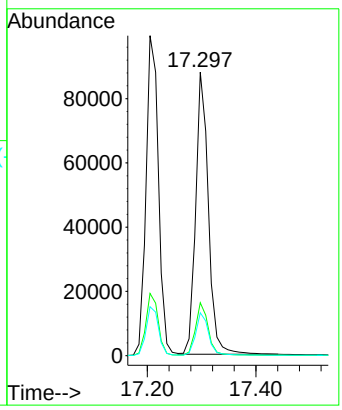


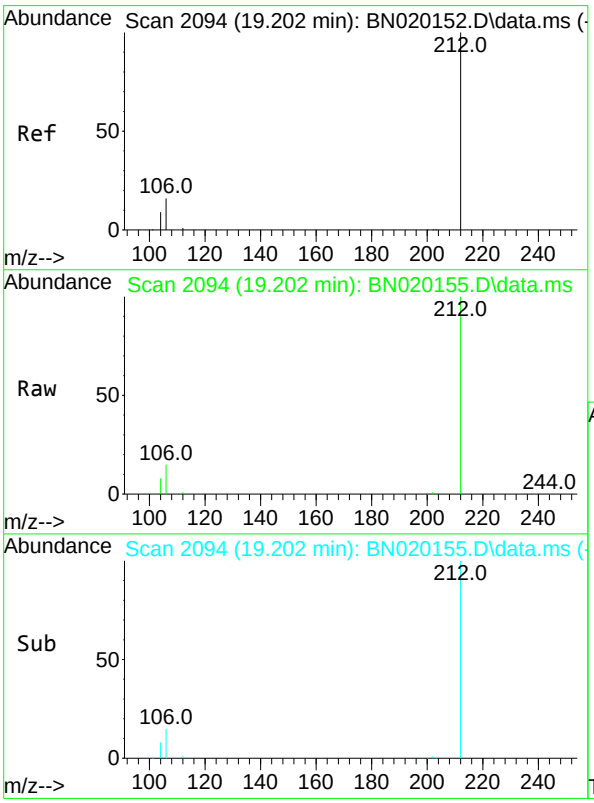
#26
Anthracene
Concen: 3.289 ng
RT: 17.297 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN020155.D
Acq: 14 Jun 2022 13:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:178 Resp: 142950

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.9	22.3
179	15.1	12.2	18.4

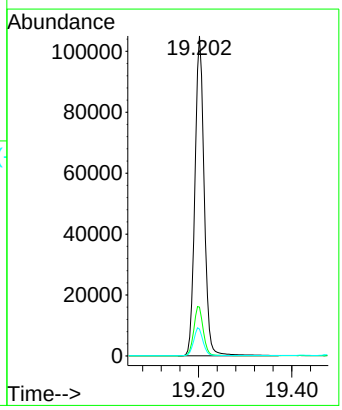


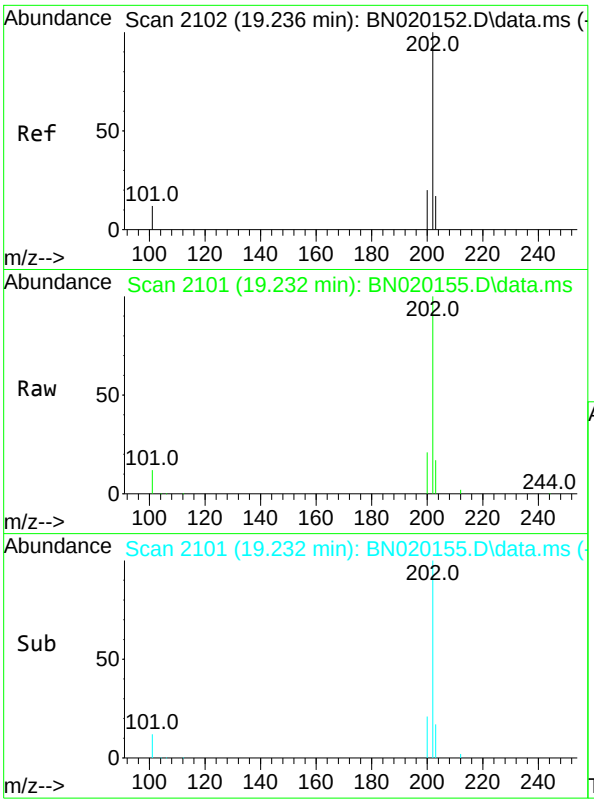


#27
Fluoranthene-d10
Concen: 3.128 ng
RT: 19.202 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BN020155.D
Acq: 14 Jun 2022 13:18

Tgt Ion:212 Resp: 144681

Ion	Ratio	Lower	Upper
212	100		
106	15.8	12.6	19.0
104	8.7	7.2	10.8



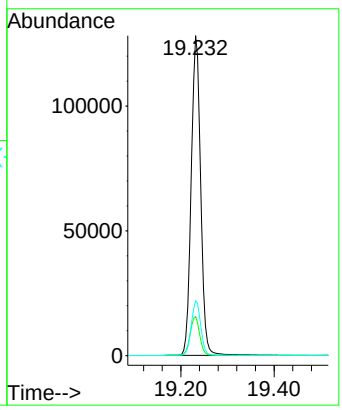


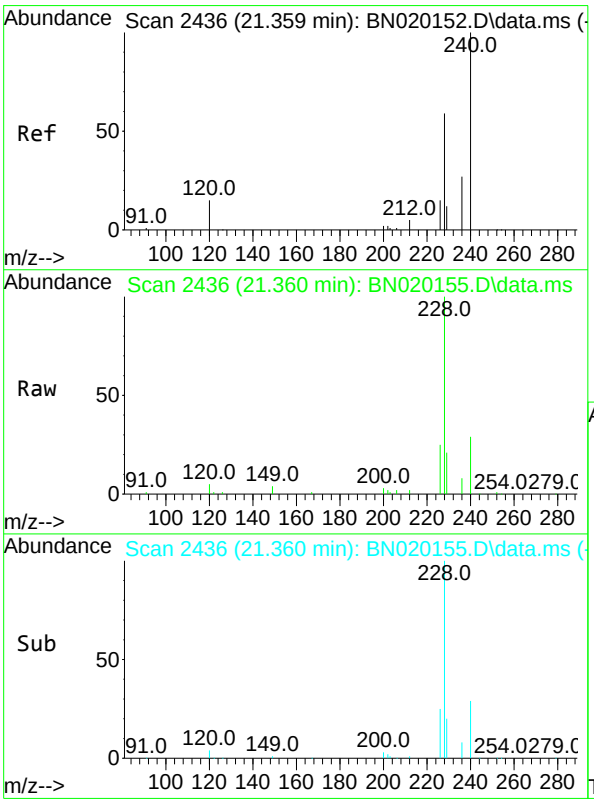
#28
Fluoranthene
Concen: 3.140 ng
RT: 19.232 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN020155.D
Acq: 14 Jun 2022 13:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:202 Resp: 179935

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.6	14.4
203	17.1	13.5	20.3

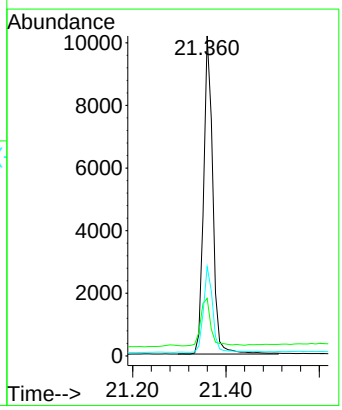


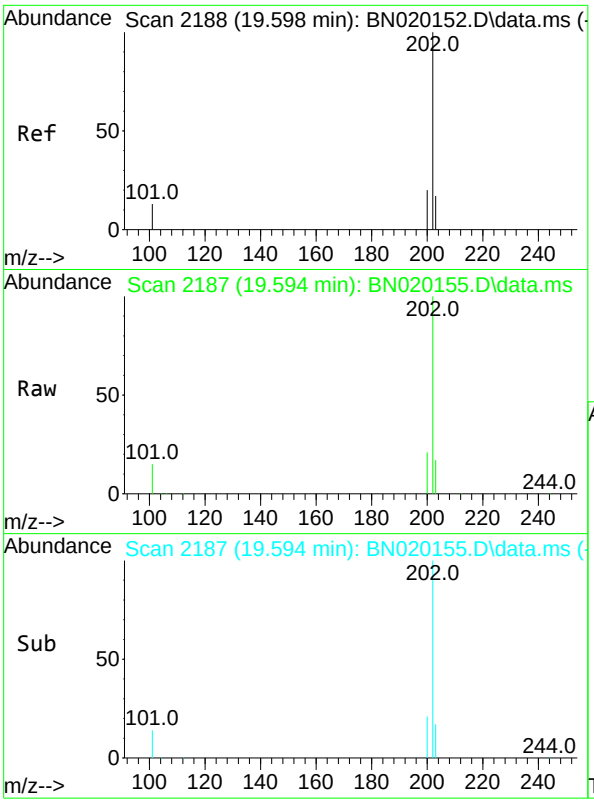


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.360 min Scan# 2436
Delta R.T. 0.000 min
Lab File: BN020155.D
Acq: 14 Jun 2022 13:18

Tgt Ion:240 Resp: 14008

Ion	Ratio	Lower	Upper
240	100		
120	18.0	14.6	21.8
236	27.9	22.6	33.8



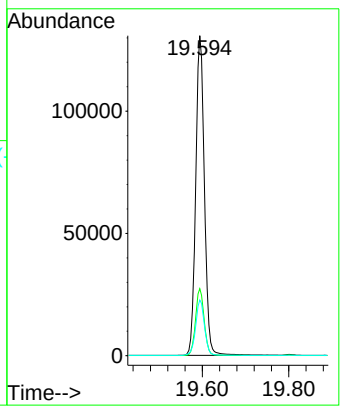


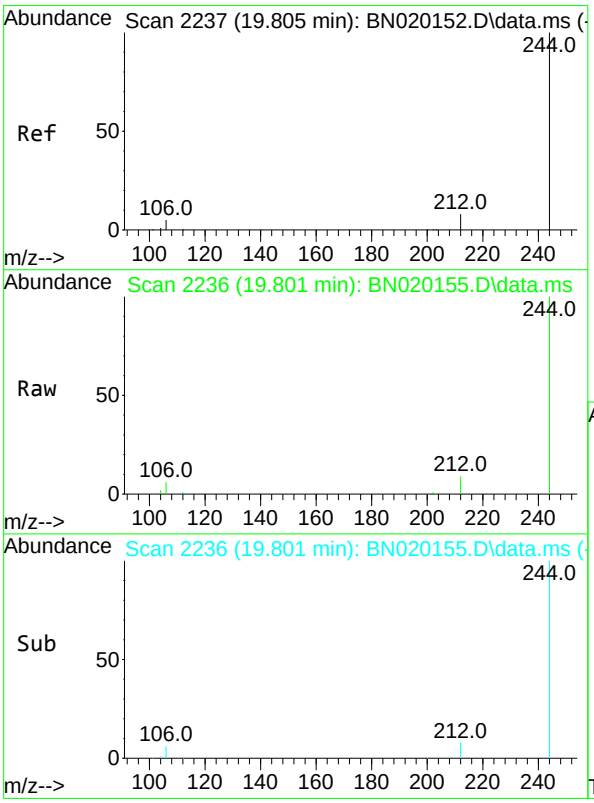
#30
Pyrene
Concen: 3.020 ng
RT: 19.594 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN020155.D
Acq: 14 Jun 2022 13:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:202 Resp: 182756

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	17.7	14.2	21.2

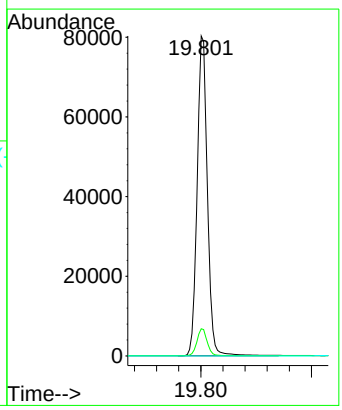


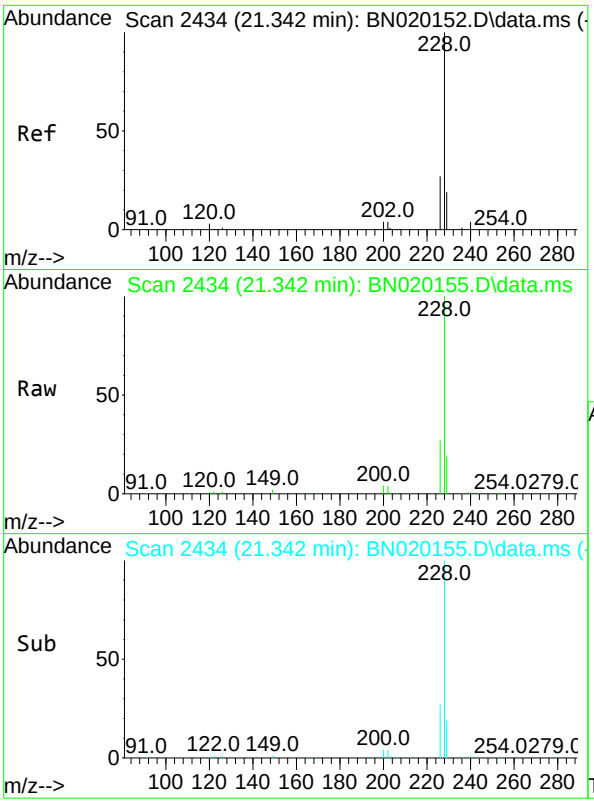


#31
Terphenyl-d14
Concen: 3.015 ng
RT: 19.801 min Scan# 2236
Delta R.T. -0.004 min
Lab File: BN020155.D
Acq: 14 Jun 2022 13:18

Tgt Ion:244 Resp: 102557

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.1	10.7
122	0.0	0.0	0.0



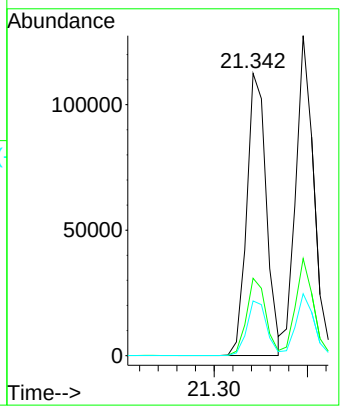


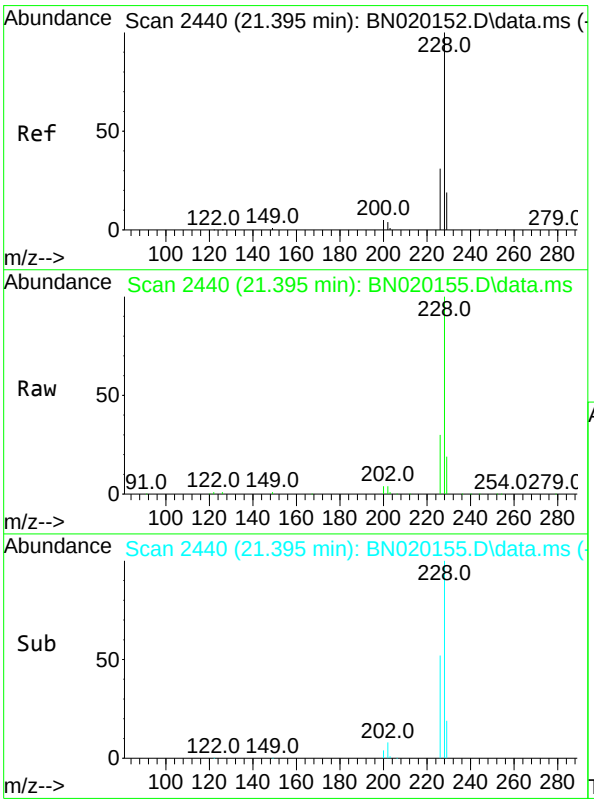
#32
Benzo(a)anthracene
Concen: 3.133 ng
RT: 21.342 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN020155.D
Acq: 14 Jun 2022 13:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:228 Resp: 163794

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.2	31.8
229	19.4	15.6	23.4

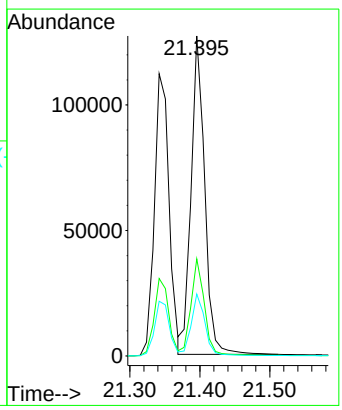


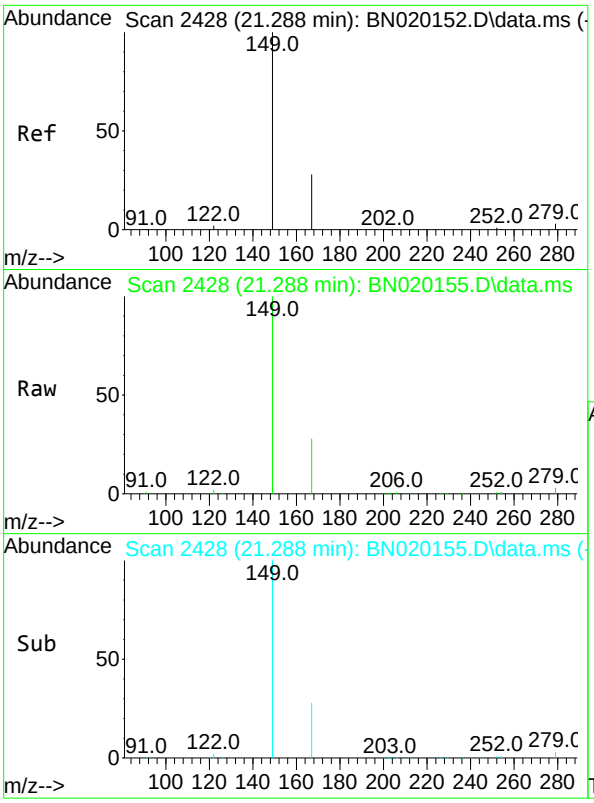


#33
Chrysene
Concen: 3.048 ng
RT: 21.395 min Scan# 2440
Delta R.T. 0.000 min
Lab File: BN020155.D
Acq: 14 Jun 2022 13:18

Tgt Ion:228 Resp: 171574

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.4	35.0
229	19.4	15.7	23.5



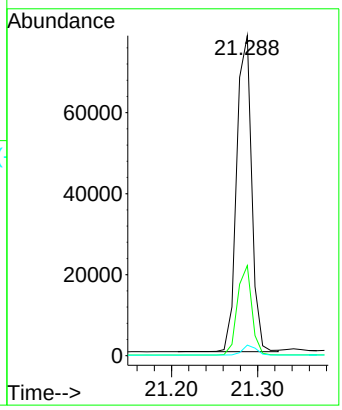


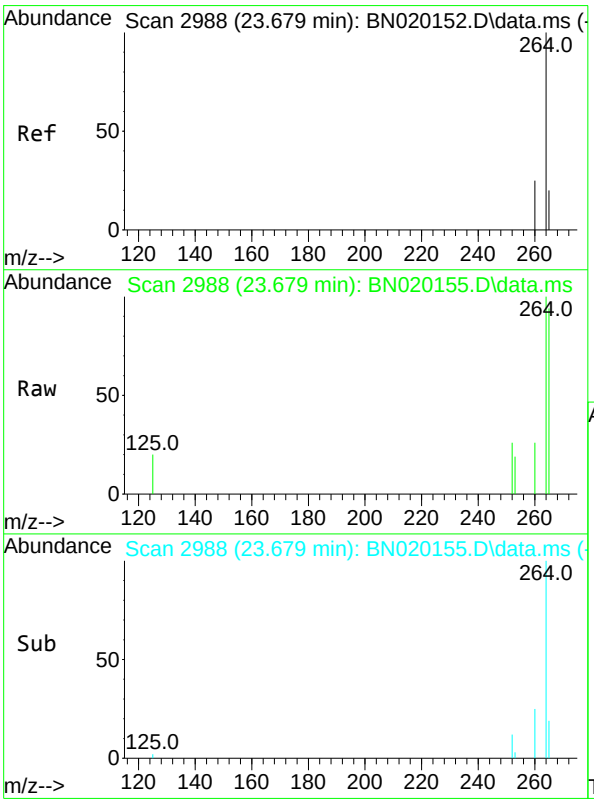
#34
Bis(2-ethylhexyl)phthalate
Concen: 3.045 ng
RT: 21.288 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN020155.D
Acq: 14 Jun 2022 13:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:149 Resp: 94350

Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.7	32.5
279	3.0	2.2	3.2

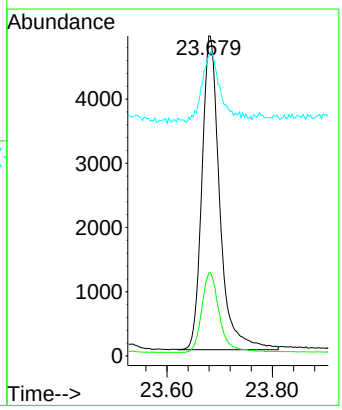


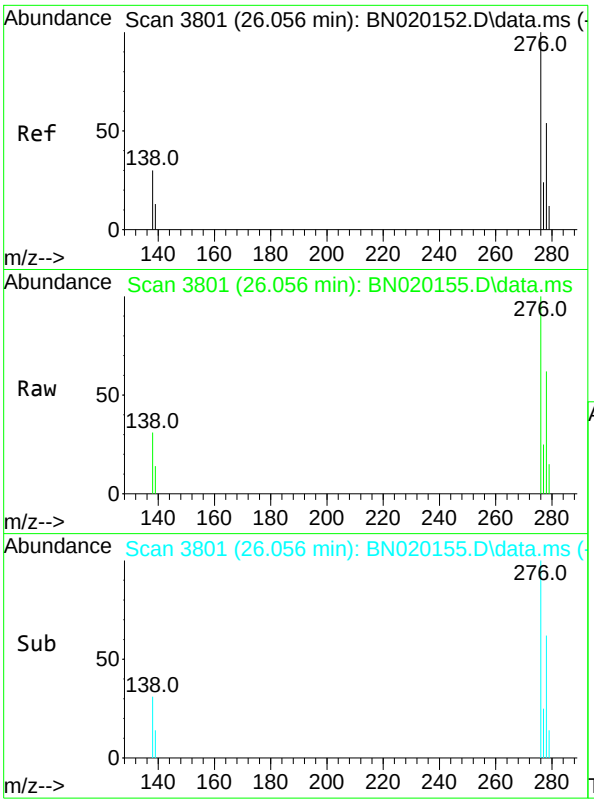


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.679 min Scan# 2988
Delta R.T. 0.000 min
Lab File: BN020155.D
Acq: 14 Jun 2022 13:18

Tgt Ion:264 Resp: 11474

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.9	31.3
265	93.6	28.0	42.0#



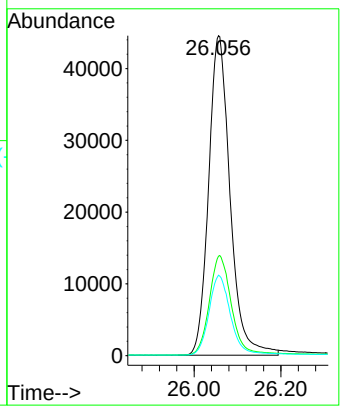


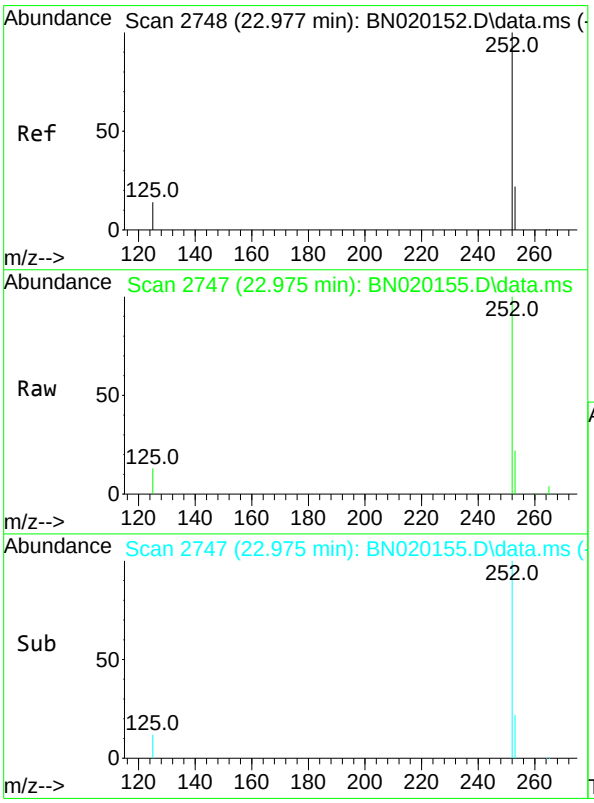
#36
Indeno(1,2,3-cd)pyrene
Concen: 3.161 ng
RT: 26.056 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN020155.D
Acq: 14 Jun 2022 13:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 152738

Ion	Ratio	Lower	Upper
276	100		
138	31.9	25.9	38.9
277	25.1	19.8	29.8

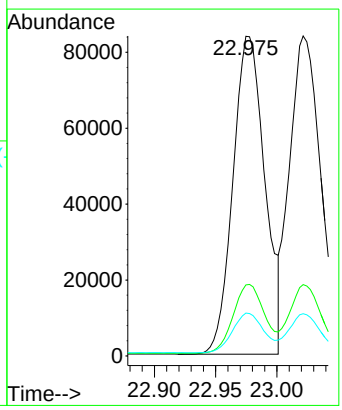


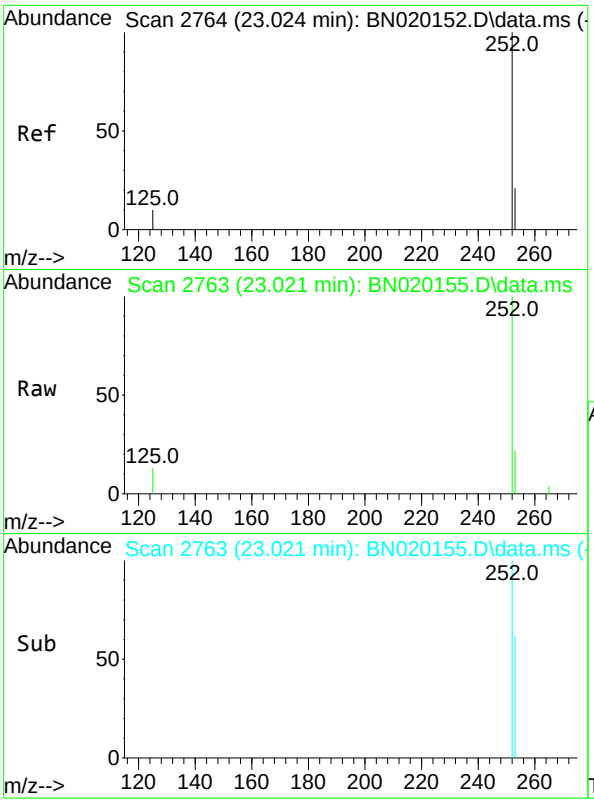


#37
Benzo(b)fluoranthene
Concen: 3.248 ng
RT: 22.975 min Scan# 2747
Delta R.T. -0.003 min
Lab File: BN020155.D
Acq: 14 Jun 2022 13:18

Tgt Ion:252 Resp: 151786

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.5	27.7
125	13.4	11.4	17.0



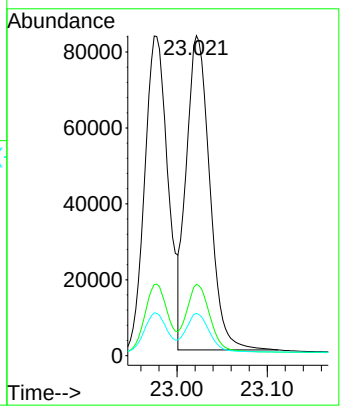


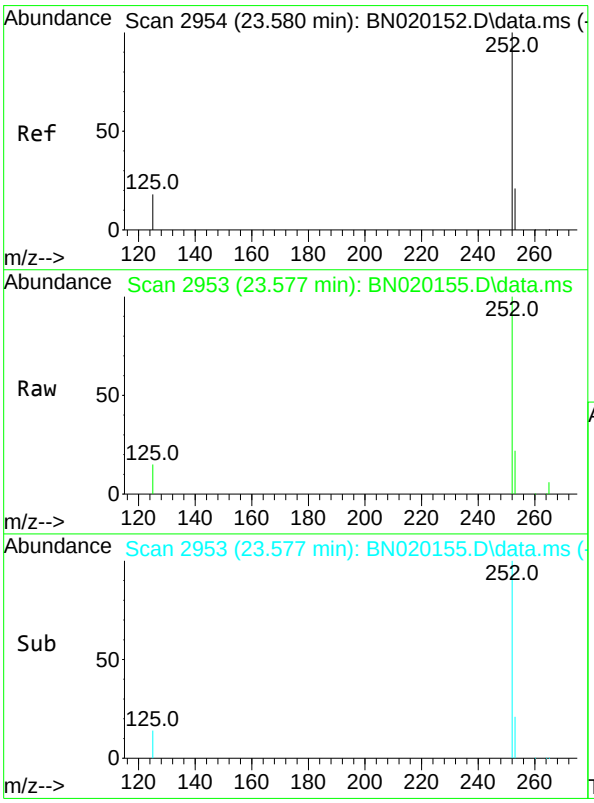
#38
Benzo(k)fluoranthene
Concen: 3.169 ng
RT: 23.021 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN020155.D
Acq: 14 Jun 2022 13:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 149506

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	13.2	11.0	16.4

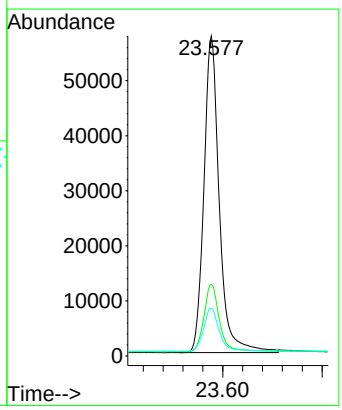


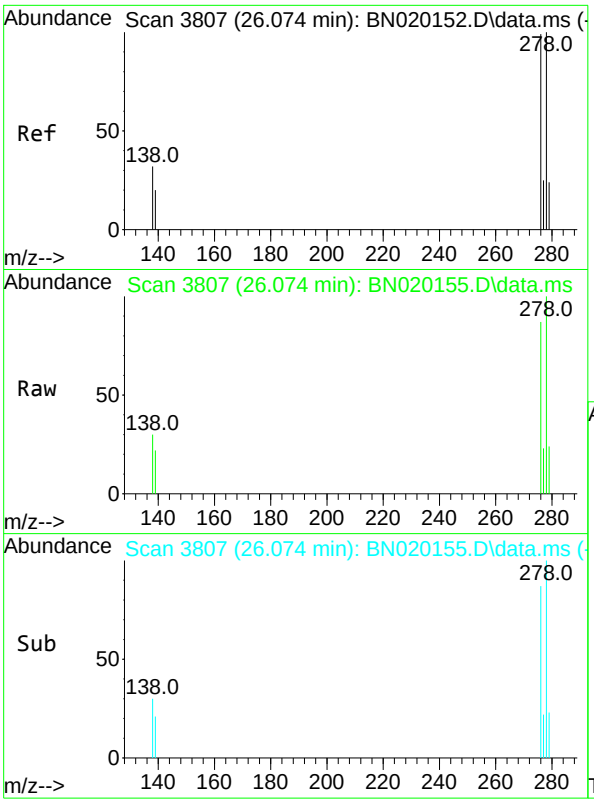


#39
Benzo(a)pyrene
Concen: 3.160 ng
RT: 23.577 min Scan# 2953
Delta R.T. -0.003 min
Lab File: BN020155.D
Acq: 14 Jun 2022 13:18

Tgt Ion:252 Resp: 123858

Ion	Ratio	Lower	Upper
252	100		
253	22.4	19.0	28.4
125	14.9	13.8	20.8



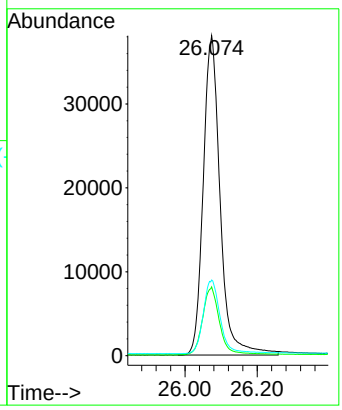


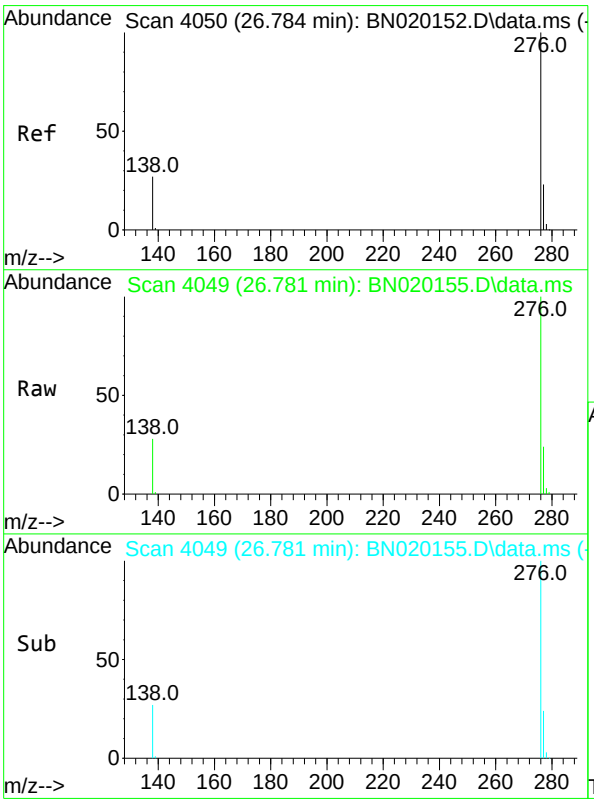
#40
Dibenzo(a,h)anthracene
Concen: 3.201 ng
RT: 26.074 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN020155.D
Acq: 14 Jun 2022 13:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:278 Resp: 124102

Ion	Ratio	Lower	Upper
278	100		
139	21.5	18.6	28.0
279	23.6	19.7	29.5





#41
Benzo(g,h,i)perylene
Concen: 3.094 ng
RT: 26.781 min Scan# 4049
Delta R.T. -0.003 min
Lab File: BN020155.D
Acq: 14 Jun 2022 13:18

Tgt Ion:276 Resp: 131302

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.5	29.3
138	27.5	22.6	34.0