Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050422\
Data File : BN019658.D
Acq On : 04 May 2022 10:59
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: May 04 14:32:03 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	5935	0.400	ng		0.00
7) Naphthalene-d8	10.648	136	16966	0.400	ng		# 0.00
13) Acenaphthene-d10	14.484	164	9464	0.400	ng		0.00
19) Phenanthrene-d10	17.215	188	19818	0.400	ng		0.00
29) Chrysene-d12	21.404	240	15612	0.400	ng		# 0.00
35) Perylene-d12	23.747	264	13291	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.449	112	1439	0.098	ng		0.00
5) Phenol-d6	7.024	99	1776	0.101	ng		0.00
8) Nitrobenzene-d5	9.003	82	1327	0.110	ng		0.00
11) 2-Methylnaphthalene-d10	12.238	152	2600	0.099	ng		0.00
14) 2,4,6-Tribromophenol	15.964	330	313	0.103	ng		0.00
15) 2-Fluorobiphenyl	13.105	172	3949	0.097	ng		0.00
27) Fluoranthene-d10	19.248	212	4987	0.088	ng		0.00
31) Terphenyl-d14	19.847	244	3621	0.105	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.369	88	730	0.105	ng		96
3) n-Nitrosodimethylamine	3.680	42	623	0.115	ng	#	95
6) bis(2-Chloroethyl)ether	7.284	93	1739	0.116	ng		98
9) Naphthalene	10.701	128	4632	0.095	ng		96
10) Hexachlorobutadiene	11.000	225	894	0.097	ng	#	99
12) 2-Methylnaphthalene	12.314	142	2943	0.097	ng		98
16) Acenaphthylene	14.196	152	3999	0.094	ng		100
17) Acenaphthene	14.538	154	2937	0.096	ng		97
18) Fluorene	15.521	166	3551	0.095	ng		99
20) 4,6-Dinitro-2-methylph...	15.596	198	243	0.096	ng	#	65
21) 4-Bromophenyl-phenylether	16.415	248	1185	0.098	ng	#	80
22) Hexachlorobenzene	16.528	284	1340	0.095	ng		96
23) Atrazine	16.682	200	753	0.105	ng		96
24) Pentachlorophenol	16.866	266	477	0.100	ng		97
25) Phenanthrene	17.256	178	6237	0.094	ng		99
26) Anthracene	17.349	178	4927	0.090	ng		99
28) Fluoranthene	19.278	202	6076	0.085	ng		99
30) Pyrene	19.640	202	6267	0.098	ng		100
32) Benzo(a)anthracene	21.386	228	5135	0.091	ng		99
33) Chrysene	21.440	228	5800	0.094	ng		99
34) Bis(2-ethylhexyl)phtha...	21.324	149	3160	0.123	ng		99
36) Indeno(1,2,3-cd)pyrene	26.153	276	5298	0.083	ng		98
37) Benzo(b)fluoranthene	23.036	252	5096	0.094	ng	#	90
38) Benzo(k)fluoranthene	23.083	252	5242	0.096	ng	#	94
39) Benzo(a)pyrene	23.641	252	3713	0.088	ng	#	85
40) Dibenzo(a,h)anthracene	26.173	278	4355	0.084	ng	#	90
41) Benzo(g,h,i)perylene	26.887	276	4250	0.077	ng		93

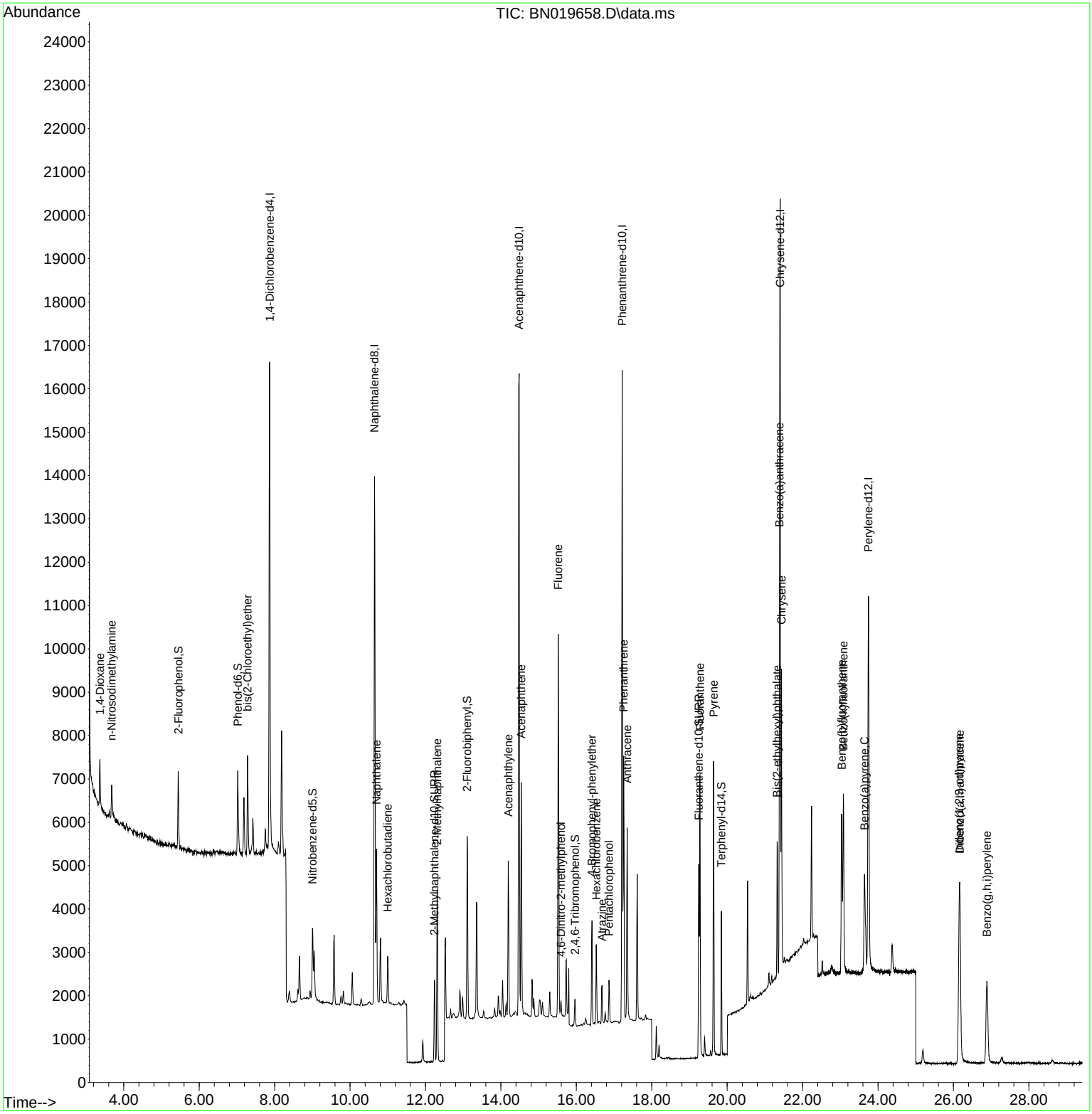
(#) = qualifier out of range (m) = manual integration (+) = signals summed

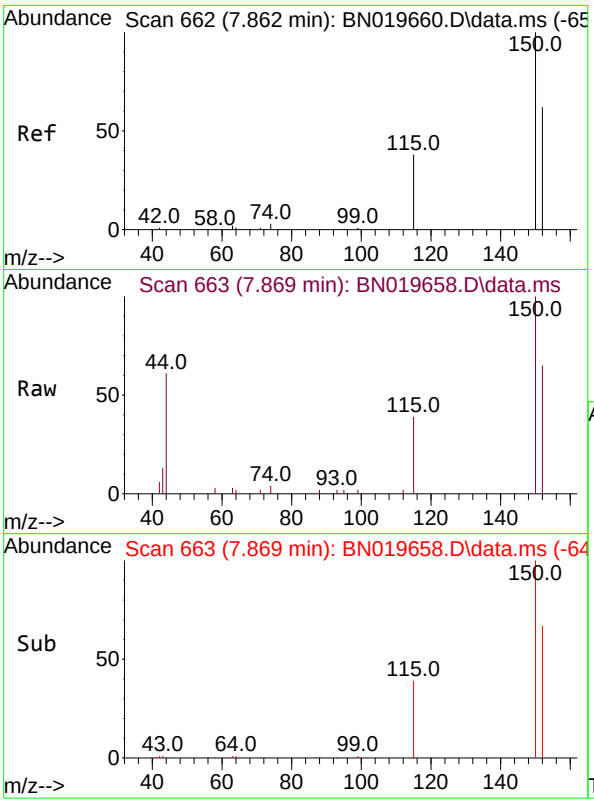
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050422\
Data File : BN019658.D
Acq On : 04 May 2022 10:59
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: May 04 14:32:03 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



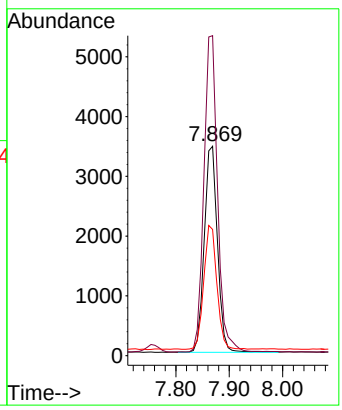


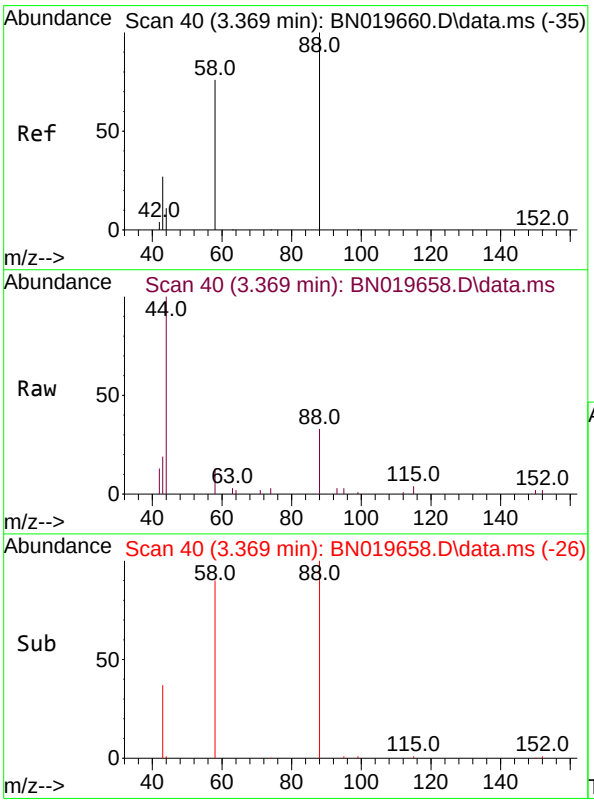
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.869 min Scan# 6
Delta R.T. 0.007 min
Lab File: BN019658.D
Acq: 04 May 2022 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 5935

Ion	Ratio	Lower	Upper
152	100		
150	152.8	122.6	183.8
115	60.3	49.0	73.6

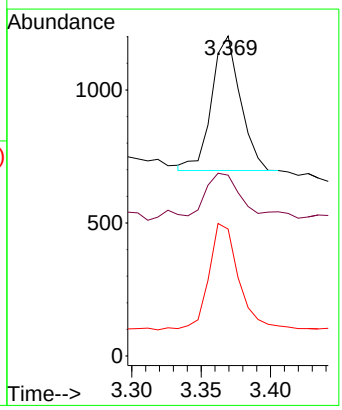


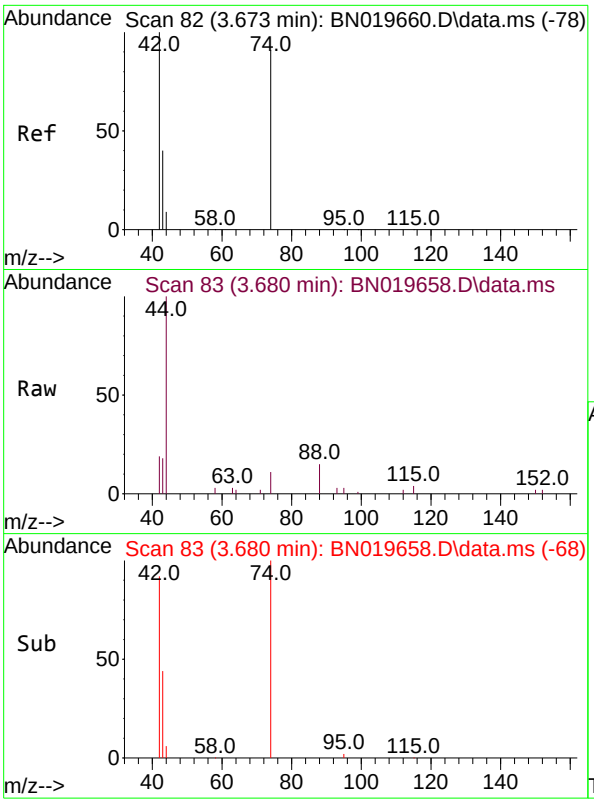


#2
1,4-Dioxane
Concen: 0.105 ng
RT: 3.369 min Scan# 40
Delta R.T. 0.000 min
Lab File: BN019658.D
Acq: 04 May 2022 10:59

Tgt Ion: 88 Resp: 730

Ion	Ratio	Lower	Upper
88	100		
43	37.0	25.2	37.8
58	82.3	67.6	101.4



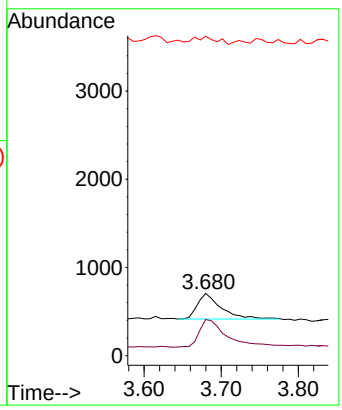


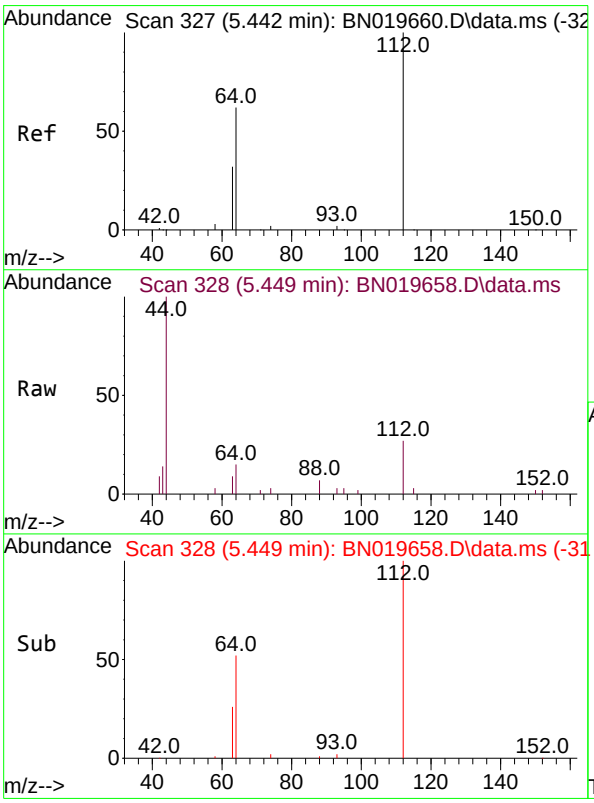
#3
n-Nitrosodimethylamine
Concen: 0.115 ng
RT: 3.680 min Scan# 8
Delta R.T. 0.007 min
Lab File: BN019658.D
Acq: 04 May 2022 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 42 Resp: 623

Ion	Ratio	Lower	Upper
42	100		
74	126.0	101.8	152.6
44	28.1	8.4	12.6#

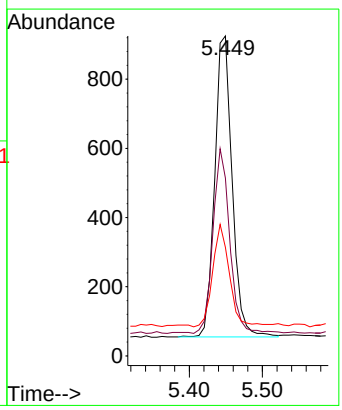


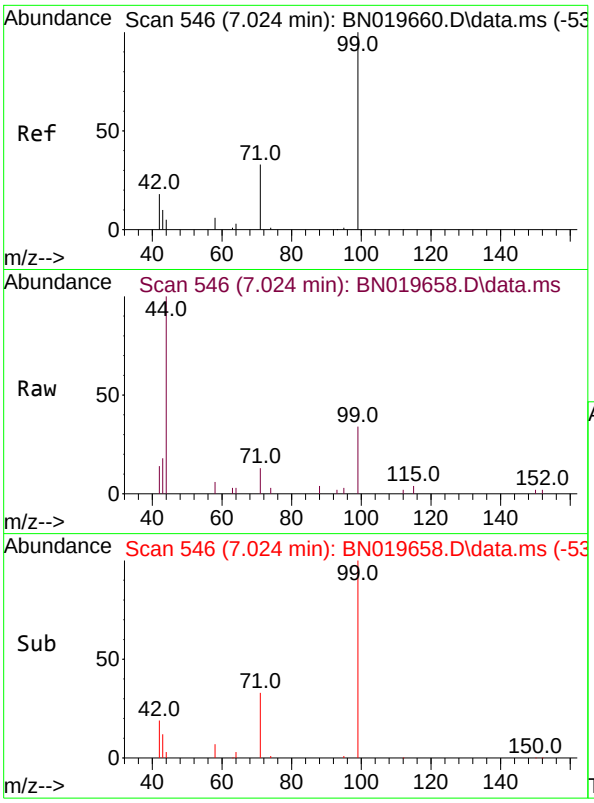


#4
2-Fluorophenol
Concen: 0.098 ng
RT: 5.449 min Scan# 328
Delta R.T. 0.007 min
Lab File: BN019658.D
Acq: 04 May 2022 10:59

Tgt Ion:112 Resp: 1439

Ion	Ratio	Lower	Upper
112	100		
64	58.2	47.3	70.9
63	32.8	24.6	36.8



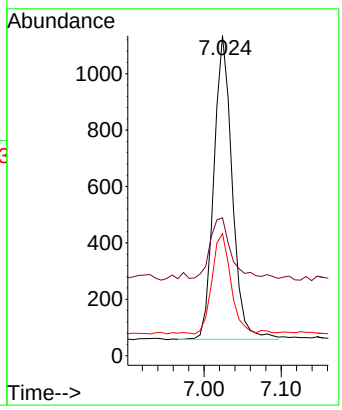


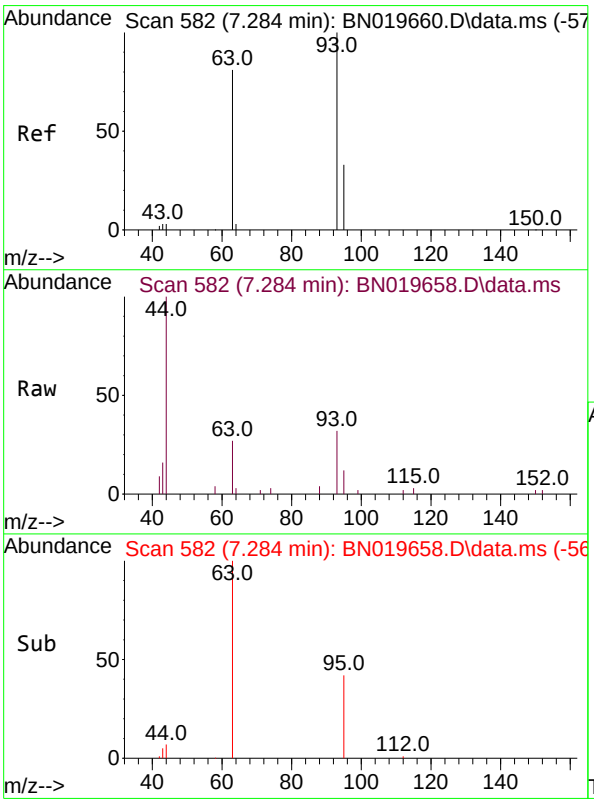
#5
Phenol-d6
Concen: 0.101 ng
RT: 7.024 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN019658.D
Acq: 04 May 2022 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 1776

Ion	Ratio	Lower	Upper
99	100		
42	23.6	15.8	23.8
71	34.0	26.5	39.7

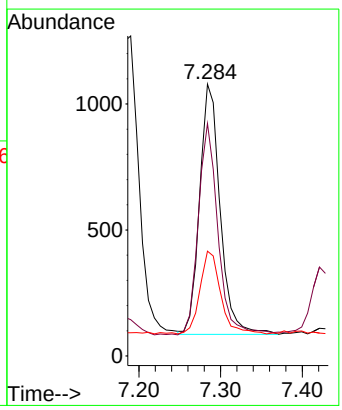


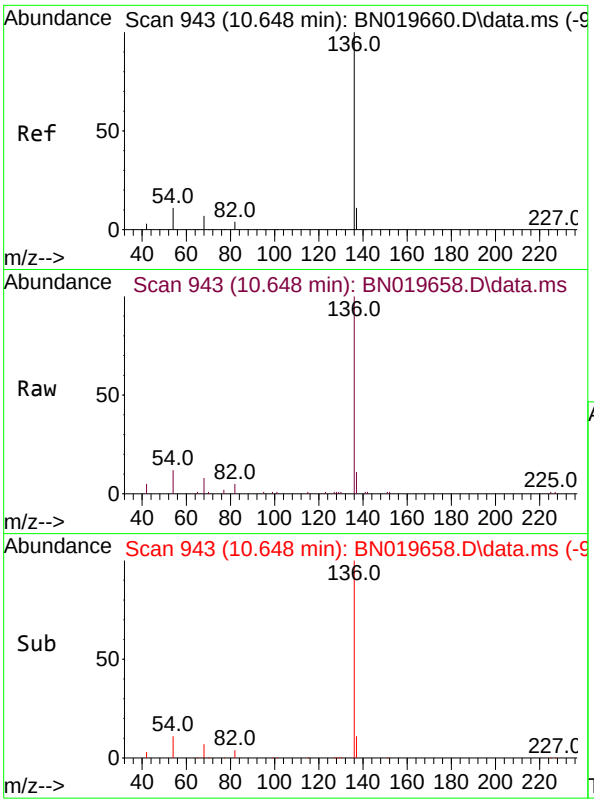


#6
bis(2-Chloroethyl)ether
Concen: 0.116 ng
RT: 7.284 min Scan# 582
Delta R.T. 0.000 min
Lab File: BN019658.D
Acq: 04 May 2022 10:59

Tgt Ion: 93 Resp: 1739

Ion	Ratio	Lower	Upper
93	100		
63	80.6	65.8	98.8
95	33.1	27.4	41.2



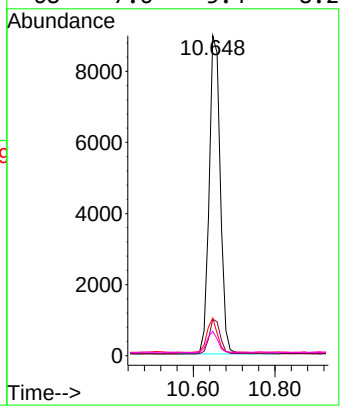


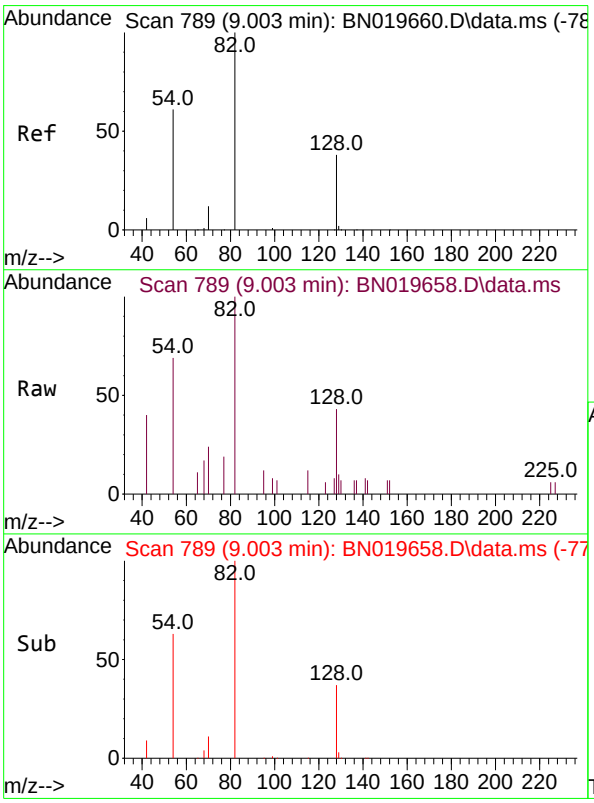
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN019658.D
Acq: 04 May 2022 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 16966

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	11.8	7.8	11.6#
68	7.6	5.4	8.2

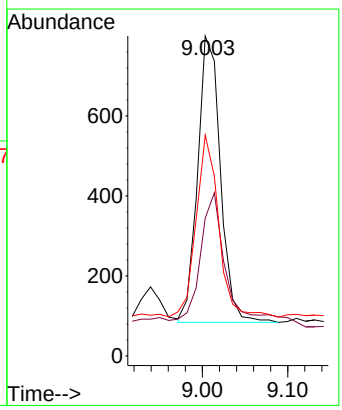


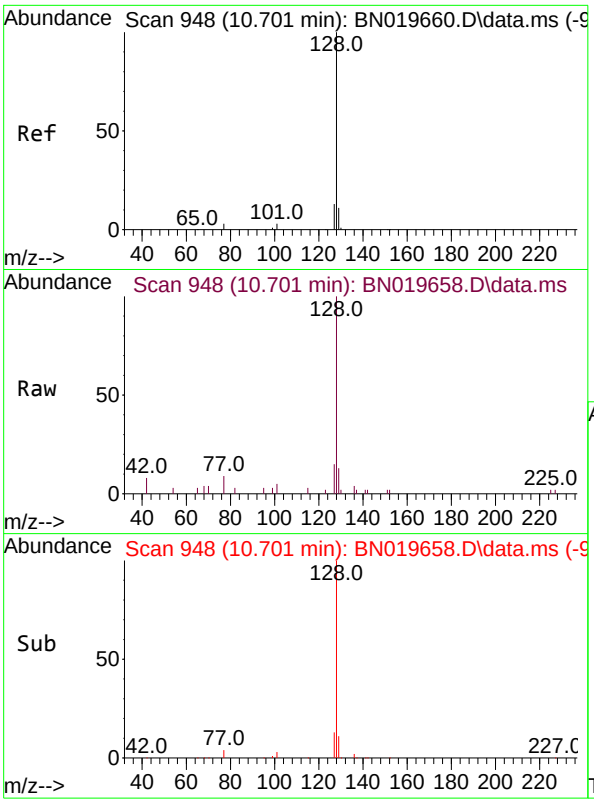


#8
Nitrobenzene-d5
Concen: 0.110 ng
RT: 9.003 min Scan# 789
Delta R.T. 0.000 min
Lab File: BN019658.D
Acq: 04 May 2022 10:59

Tgt Ion: 82 Resp: 1327

Ion	Ratio	Lower	Upper
82	100		
128	43.1	32.4	48.6
54	69.0	44.4	66.6#



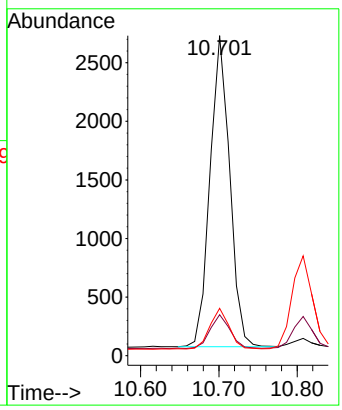


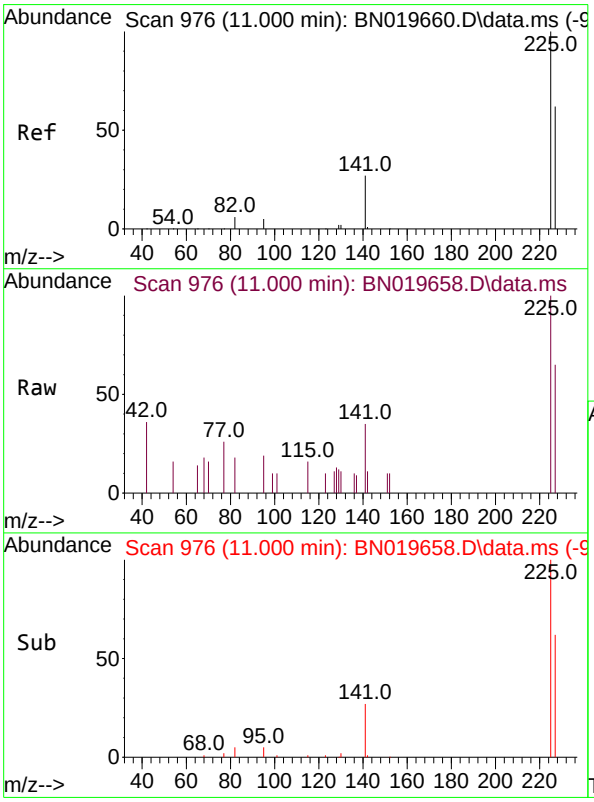
#9
Naphthalene
Concen: 0.095 ng
RT: 10.701 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN019658.D
Acq: 04 May 2022 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 4632

Ion	Ratio	Lower	Upper
128	100		
129	12.8	9.0	13.4
127	14.8	10.8	16.2

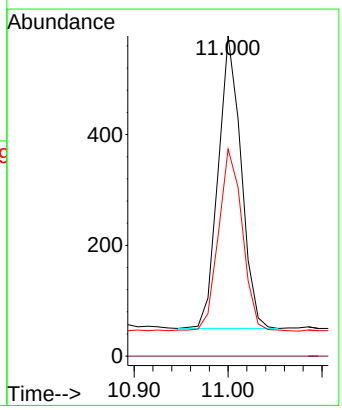


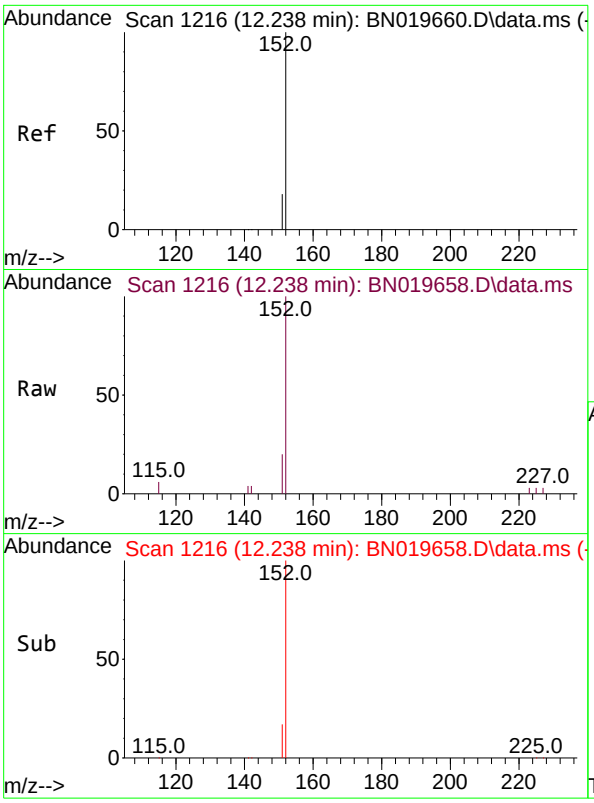


#10
Hexachlorobutadiene
Concen: 0.097 ng
RT: 11.000 min Scan# 976
Delta R.T. 0.000 min
Lab File: BN019658.D
Acq: 04 May 2022 10:59

Tgt Ion:225 Resp: 894

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.3	50.8	76.2



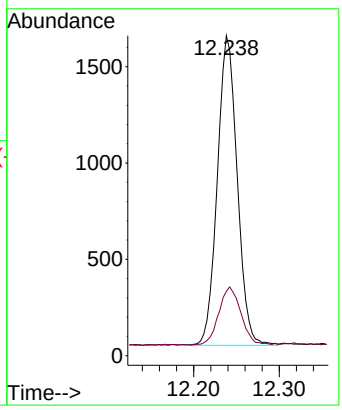


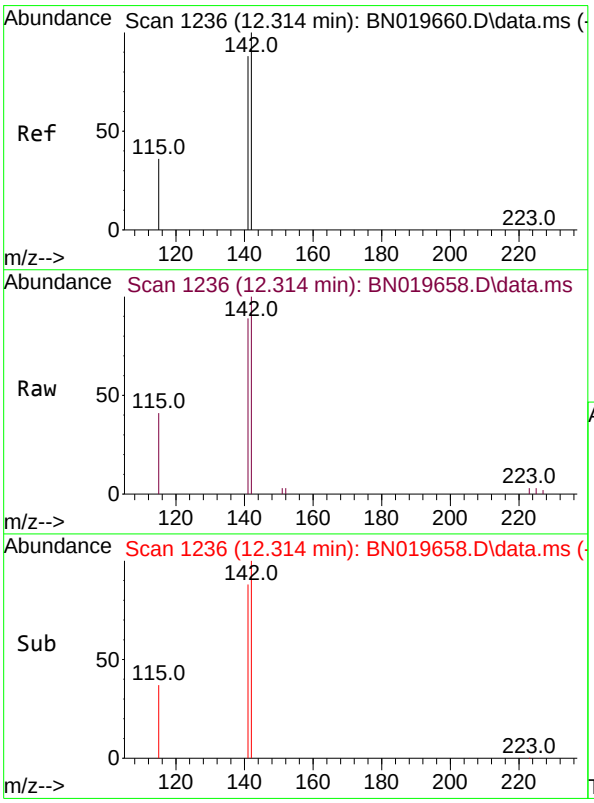
#11
2-Methylnaphthalene-d10
Concen: 0.099 ng
RT: 12.238 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019658.D
Acq: 04 May 2022 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 2600

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.2	24.4

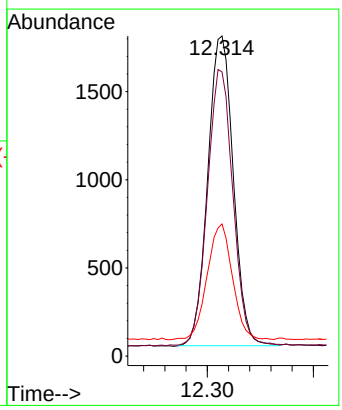


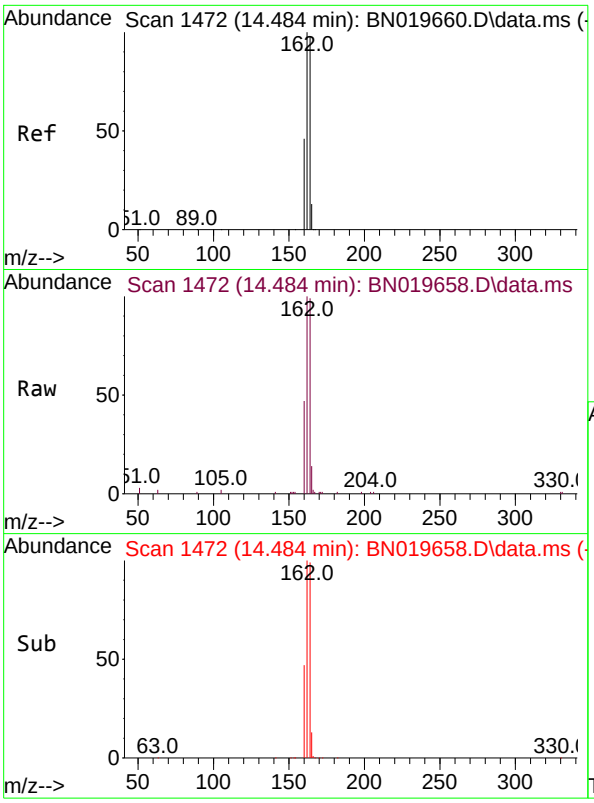


#12
2-Methylnaphthalene
Concen: 0.097 ng
RT: 12.314 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BN019658.D
Acq: 04 May 2022 10:59

Tgt Ion:142 Resp: 2943

Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.0	106.6
115	41.2	29.6	44.4



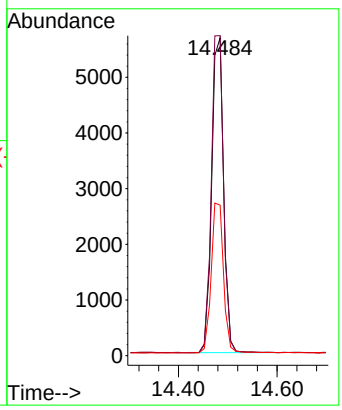


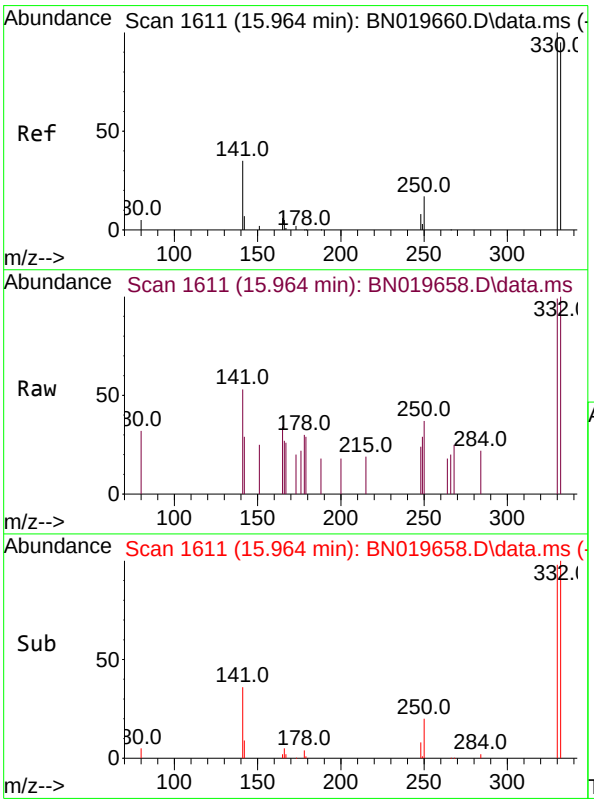
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN019658.D
Acq: 04 May 2022 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:164 Resp: 9464

Ion	Ratio	Lower	Upper
164	100		
162	100.7	81.8	122.6
160	47.4	38.3	57.5

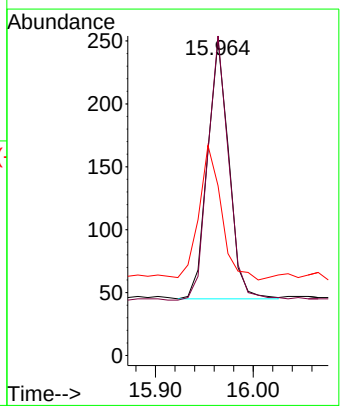


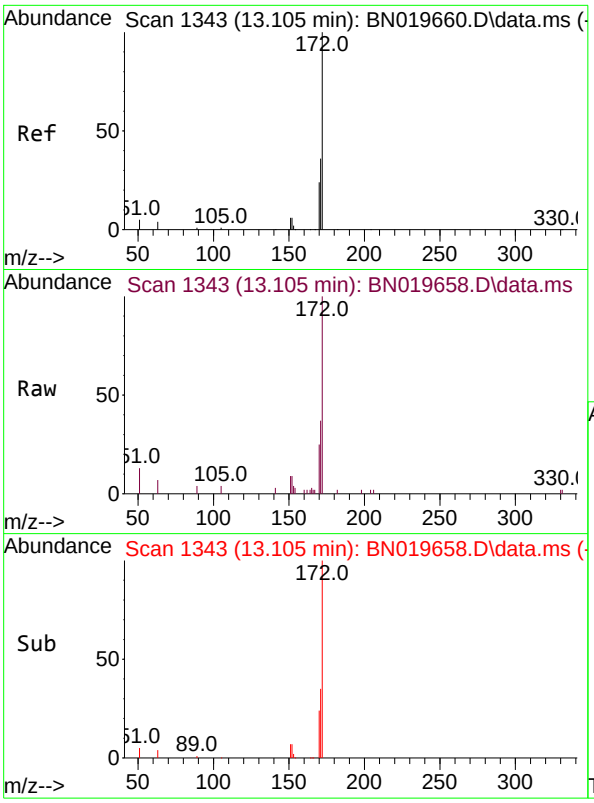


#14
2,4,6-Tribromophenol
Concen: 0.103 ng
RT: 15.964 min Scan# 1611
Delta R.T. 0.000 min
Lab File: BN019658.D
Acq: 04 May 2022 10:59

Tgt Ion:330 Resp: 313

Ion	Ratio	Lower	Upper
330	100		
332	101.3	76.2	114.4
141	54.6	39.7	59.5



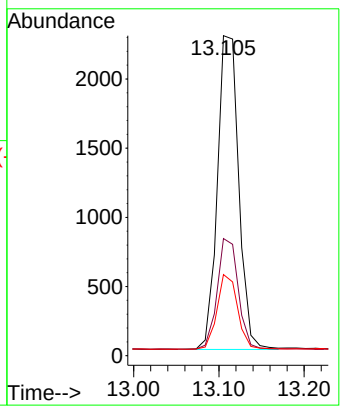


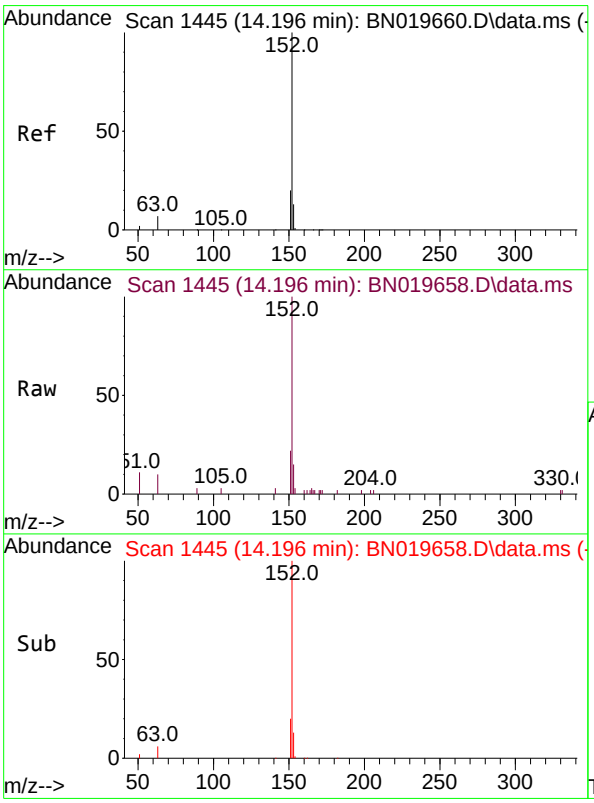
#15
2-Fluorobiphenyl
Concen: 0.097 ng
RT: 13.105 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019658.D
Acq: 04 May 2022 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 3949

Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.0	42.0
170	25.4	19.0	28.4

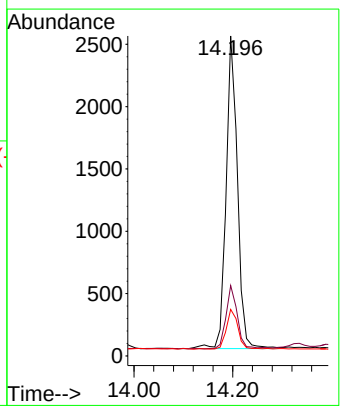


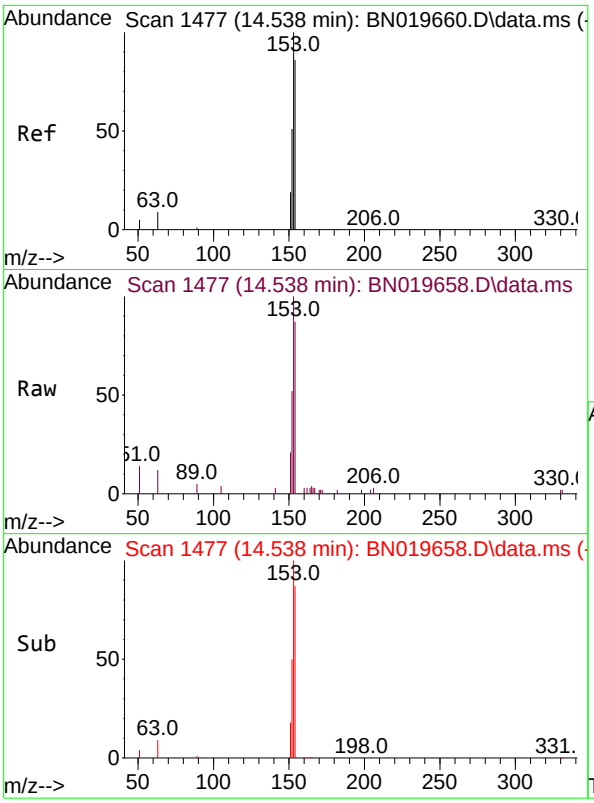


#16
Acenaphthylene
Concen: 0.094 ng
RT: 14.196 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BN019658.D
Acq: 04 May 2022 10:59

Tgt Ion:152 Resp: 3999

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.4
153	13.4	10.5	15.7



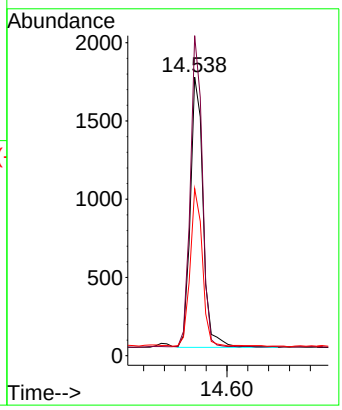


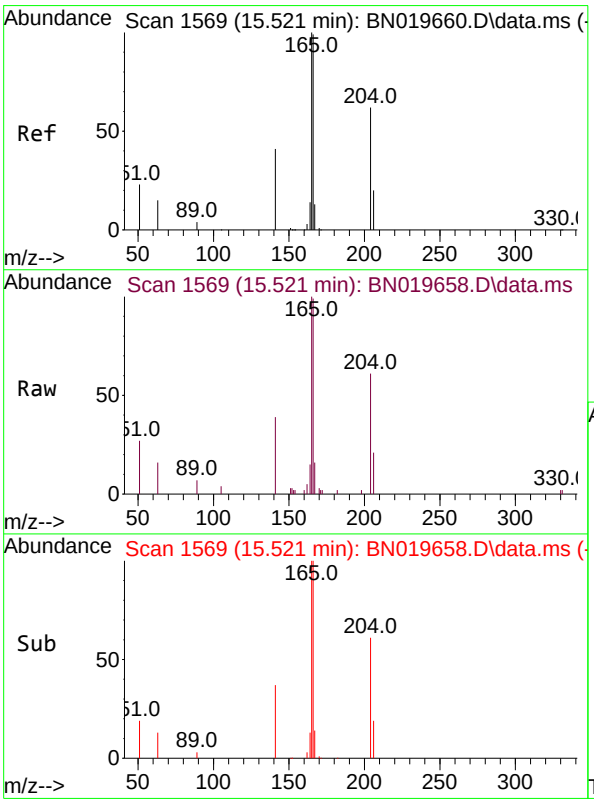
#17
Acenaphthene
Concen: 0.096 ng
RT: 14.538 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN019658.D
Acq: 04 May 2022 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:154 Resp: 2937

Ion	Ratio	Lower	Upper
154	100		
153	107.5	89.3	133.9
152	55.3	44.1	66.1

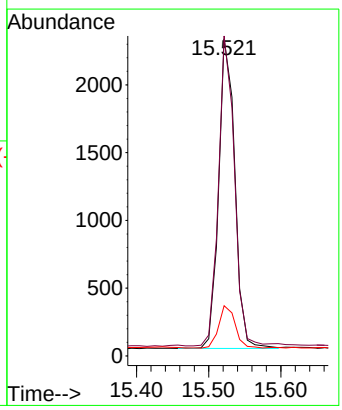


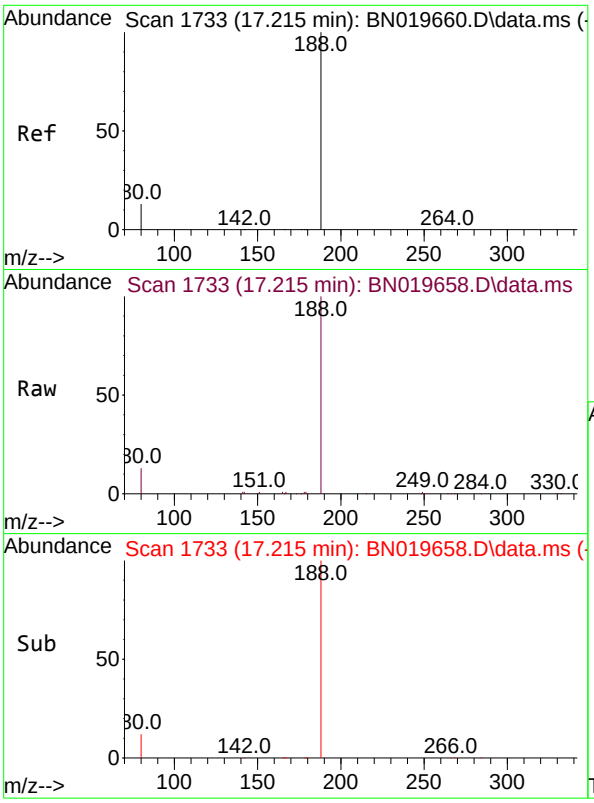


#18
Fluorene
Concen: 0.095 ng
RT: 15.521 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BN019658.D
Acq: 04 May 2022 10:59

Tgt Ion:166 Resp: 3551

Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.1	118.7
167	14.0	10.7	16.1



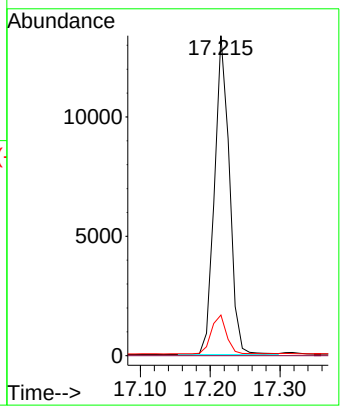


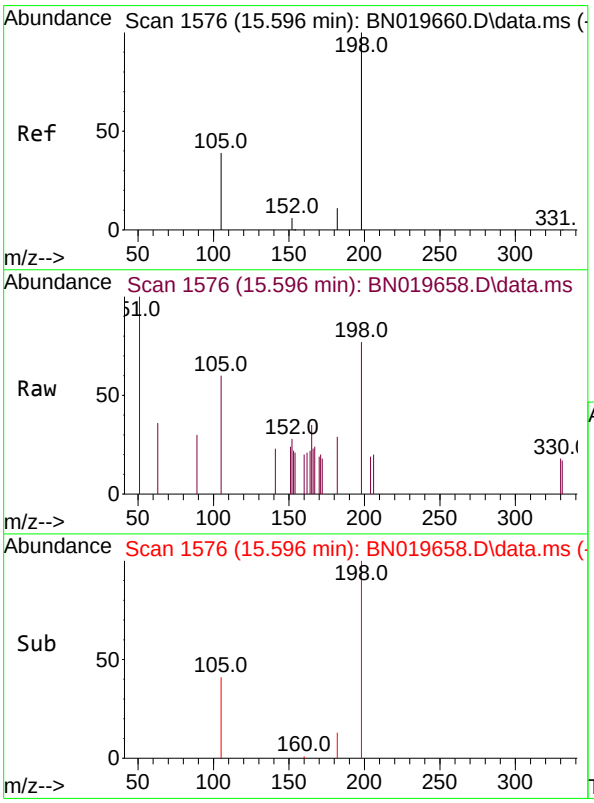
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.215 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019658.D
Acq: 04 May 2022 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:188 Resp: 19818

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.7	8.6	12.8

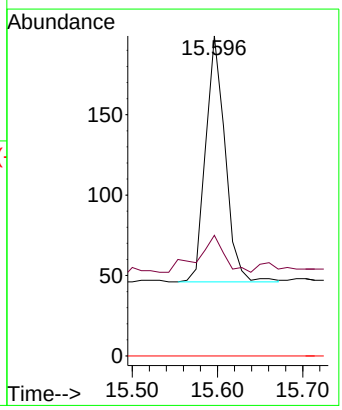


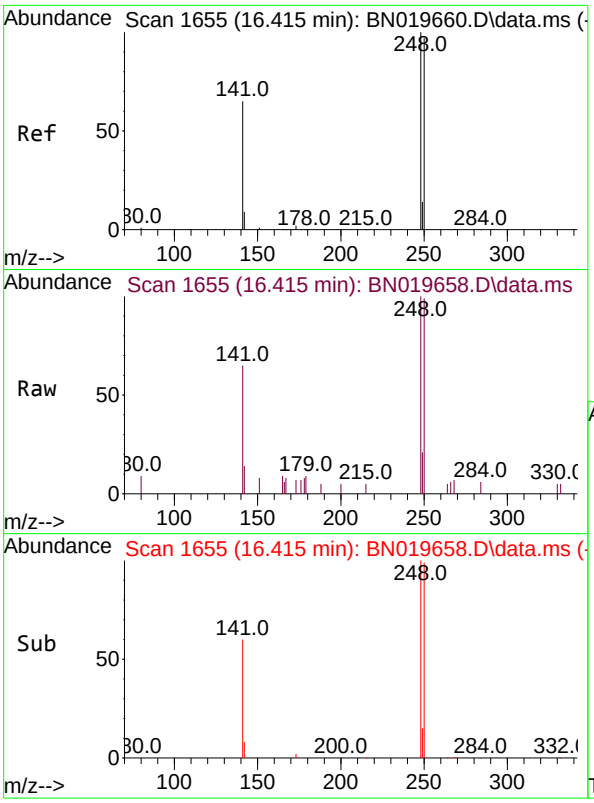


#20
4,6-Dinitro-2-methylphenol
Concen: 0.096 ng
RT: 15.596 min Scan# 1576
Delta R.T. 0.000 min
Lab File: BN019658.D
Acq: 04 May 2022 10:59

Tgt Ion:198 Resp: 243

Ion	Ratio	Lower	Upper
198	100		
182	37.7	16.9	25.3#
77	0.0	0.0	0.0



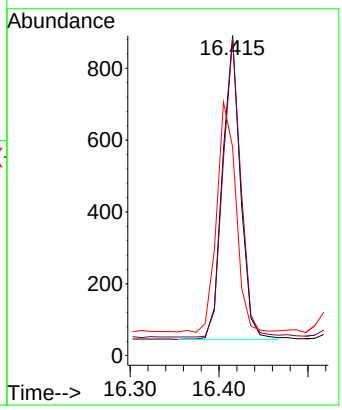


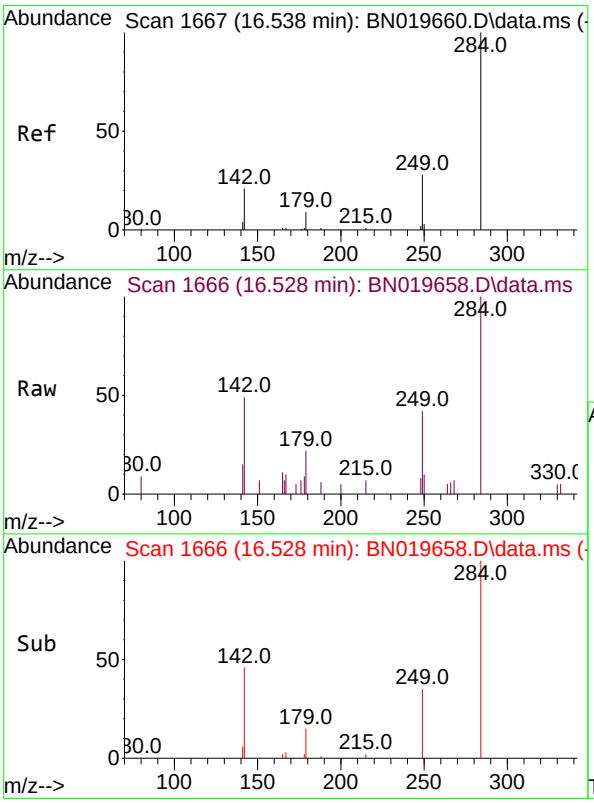
#21
4-Bromophenyl-phenylether
Concen: 0.098 ng
RT: 16.415 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN019658.D
Acq: 04 May 2022 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:248 Resp: 1185

Ion	Ratio	Lower	Upper
248	100		
250	99.1	75.5	113.3
141	65.2	79.9	119.9#

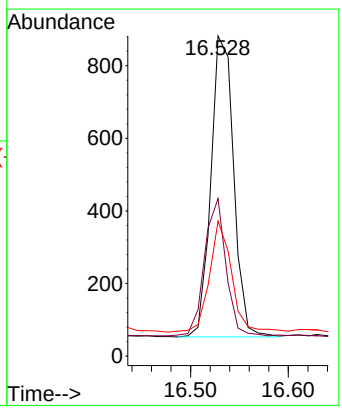


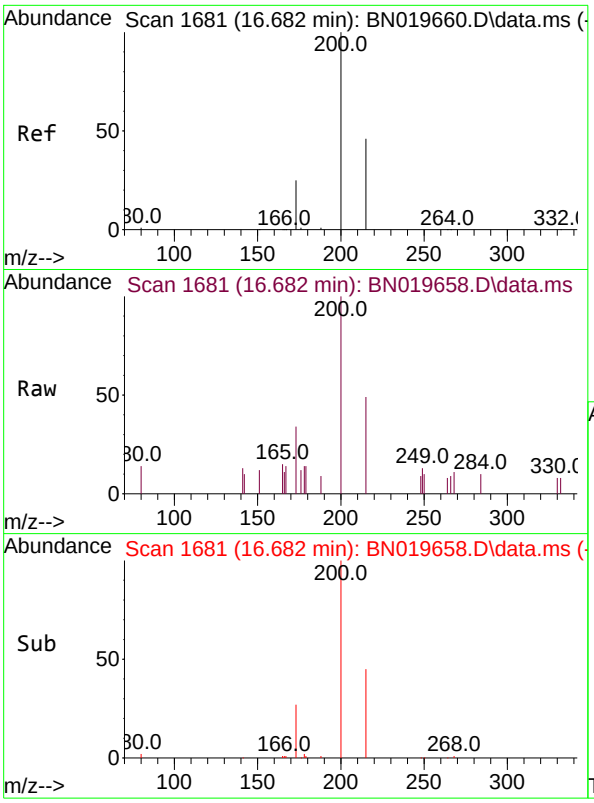


#22
Hexachlorobenzene
Concen: 0.095 ng
RT: 16.528 min Scan# 1666
Delta R.T. -0.010 min
Lab File: BN019658.D
Acq: 04 May 2022 10:59

Tgt Ion:284 Resp: 1340

Ion	Ratio	Lower	Upper
284	100		
142	42.9	33.2	49.8
249	36.0	26.4	39.6



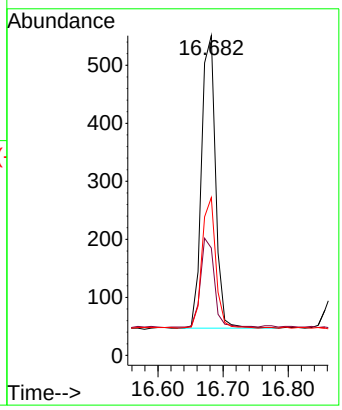


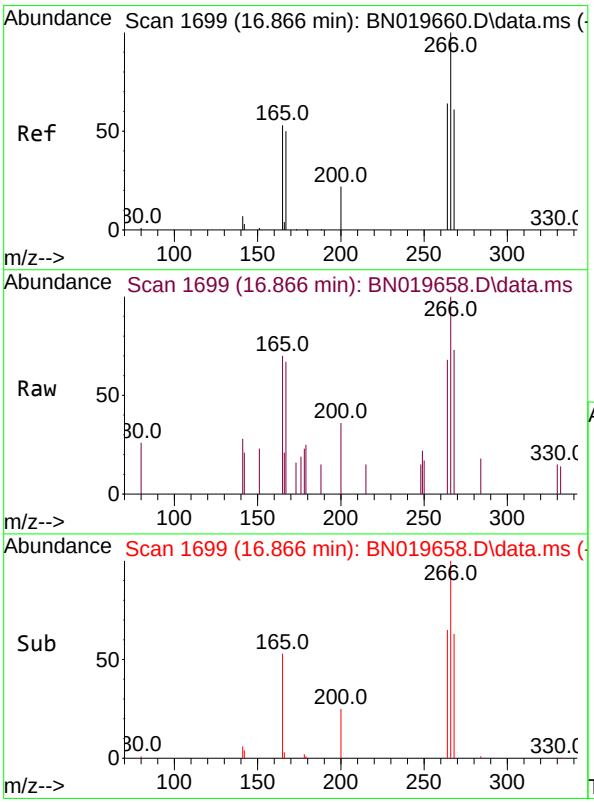
#23
Atrazine
Concen: 0.105 ng
RT: 16.682 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019658.D
Acq: 04 May 2022 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:200 Resp: 753

Ion	Ratio	Lower	Upper
200	100		
173	33.6	28.5	42.7
215	49.4	37.0	55.4

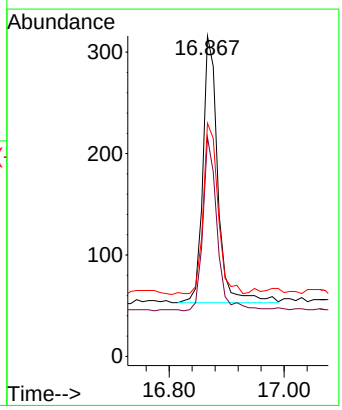


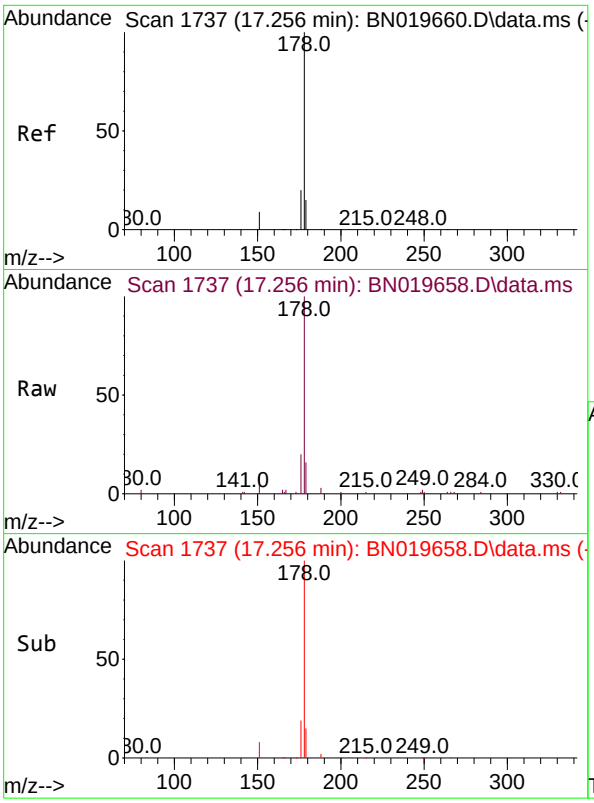


#24
Pentachlorophenol
Concen: 0.100 ng
RT: 16.866 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BN019658.D
Acq: 04 May 2022 10:59

Tgt Ion:266 Resp: 477

Ion	Ratio	Lower	Upper
266	100		
264	61.4	48.0	72.0
268	64.2	54.2	81.2



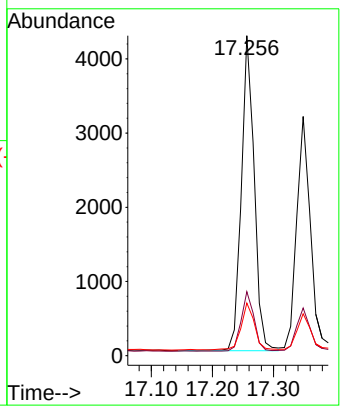


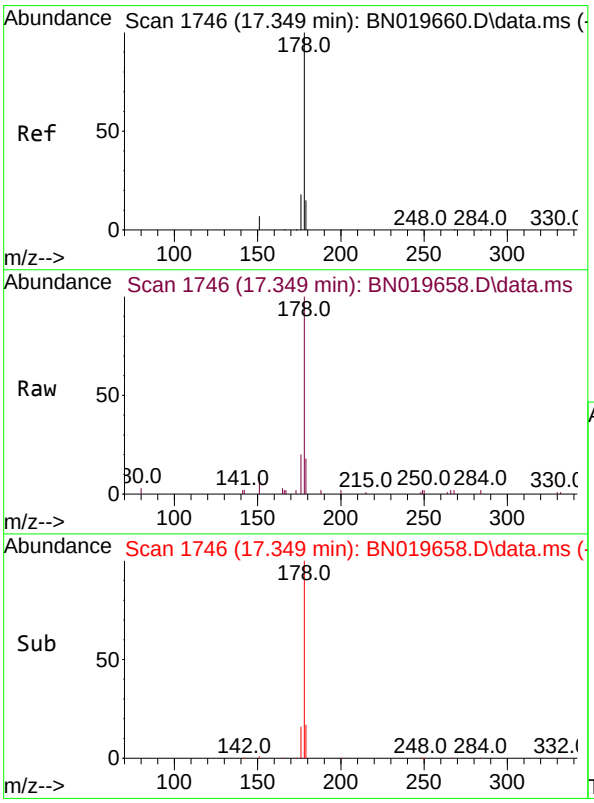
#25
Phenanthrene
Concen: 0.094 ng
RT: 17.256 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019658.D
Acq: 04 May 2022 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 6237

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.3	12.1	18.1

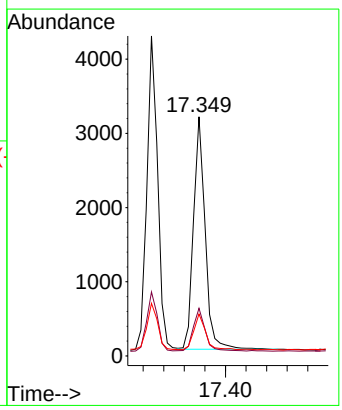


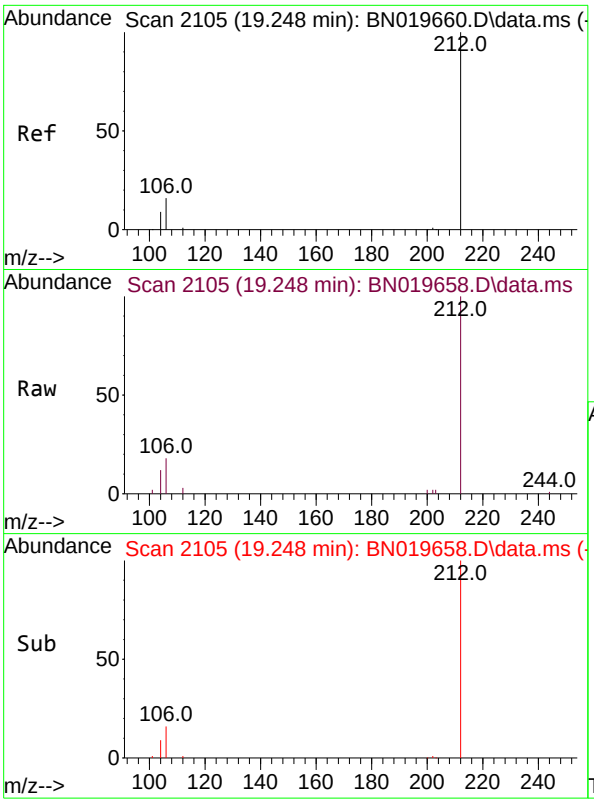


#26
Anthracene
Concen: 0.090 ng
RT: 17.349 min Scan# 1746
Delta R.T. 0.000 min
Lab File: BN019658.D
Acq: 04 May 2022 10:59

Tgt Ion:178 Resp: 4927

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



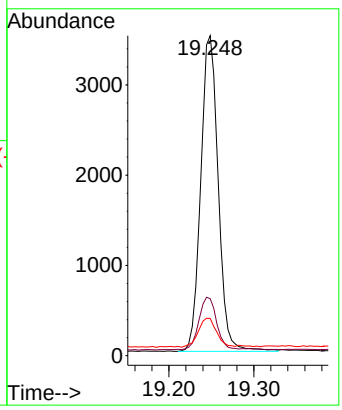


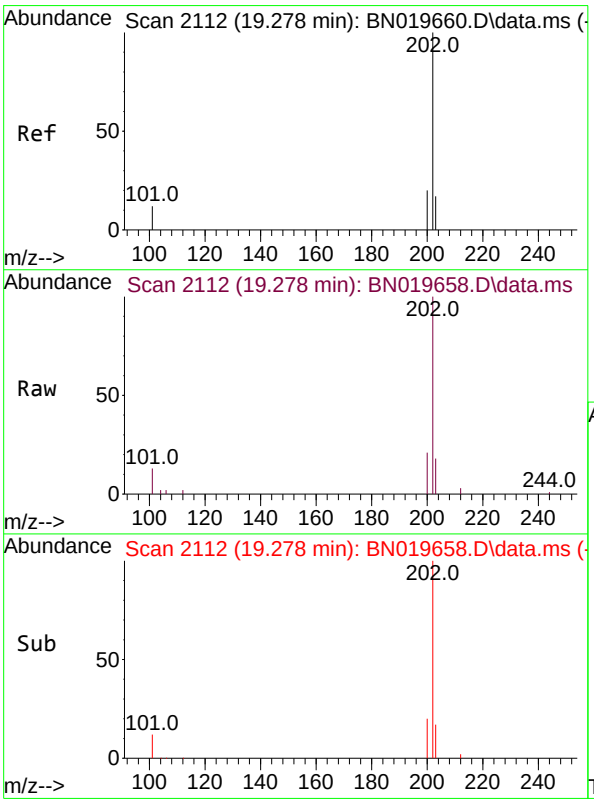
#27
Fluoranthene-d10
Concen: 0.088 ng
RT: 19.248 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN019658.D
Acq: 04 May 2022 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:212 Resp: 4987

Ion	Ratio	Lower	Upper
212	100		
106	16.9	13.5	20.3
104	9.6	7.6	11.4

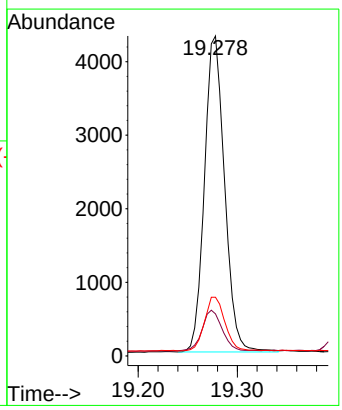


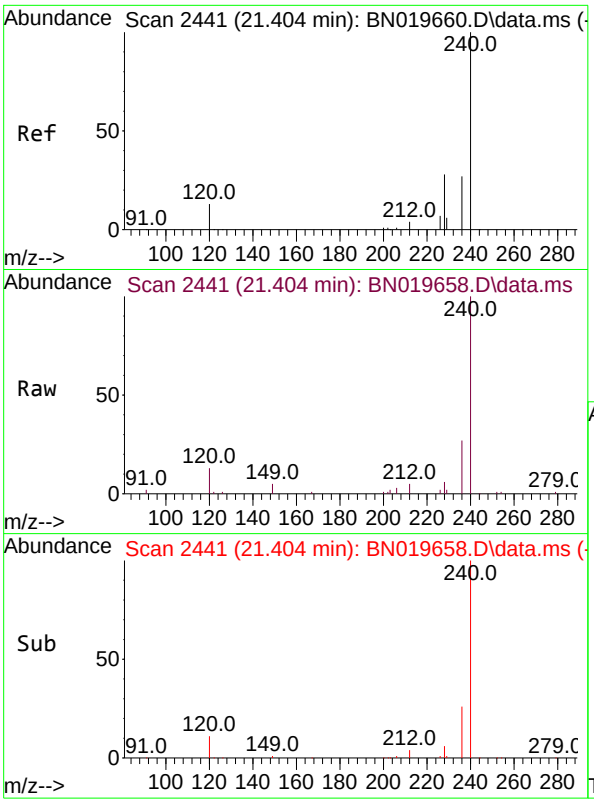


#28
Fluoranthene
Concen: 0.085 ng
RT: 19.278 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BN019658.D
Acq: 04 May 2022 10:59

Tgt Ion:202 Resp: 6076

Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.6	15.8
203	17.3	13.6	20.4



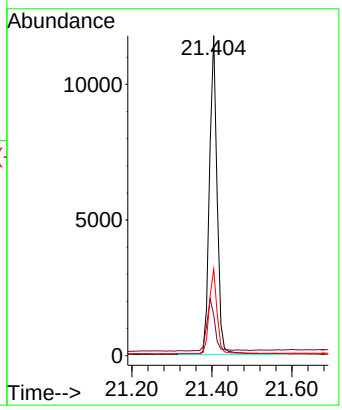


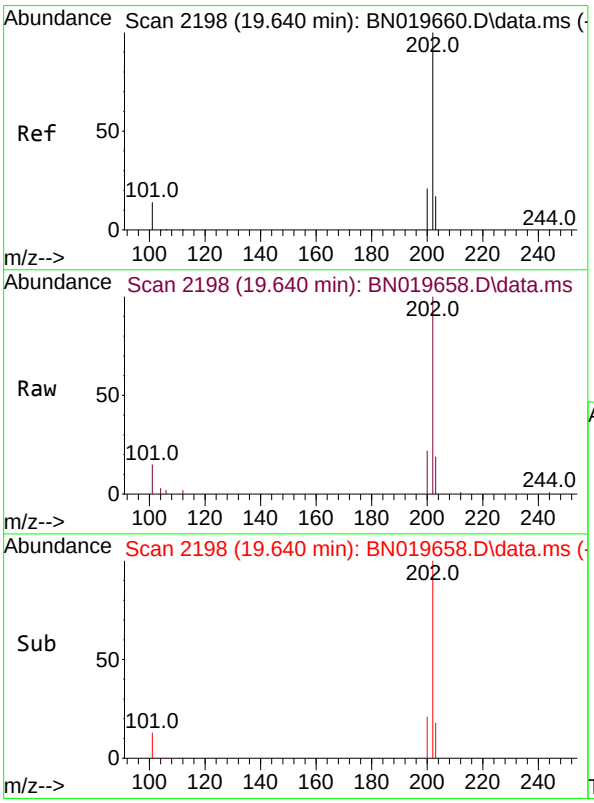
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.404 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN019658.D
Acq: 04 May 2022 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 15612

Ion	Ratio	Lower	Upper
240	100		
120	12.7	17.4	26.2#
236	27.1	23.0	34.4

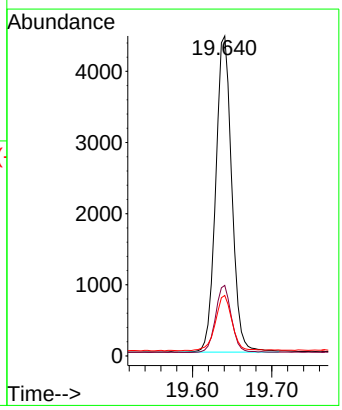


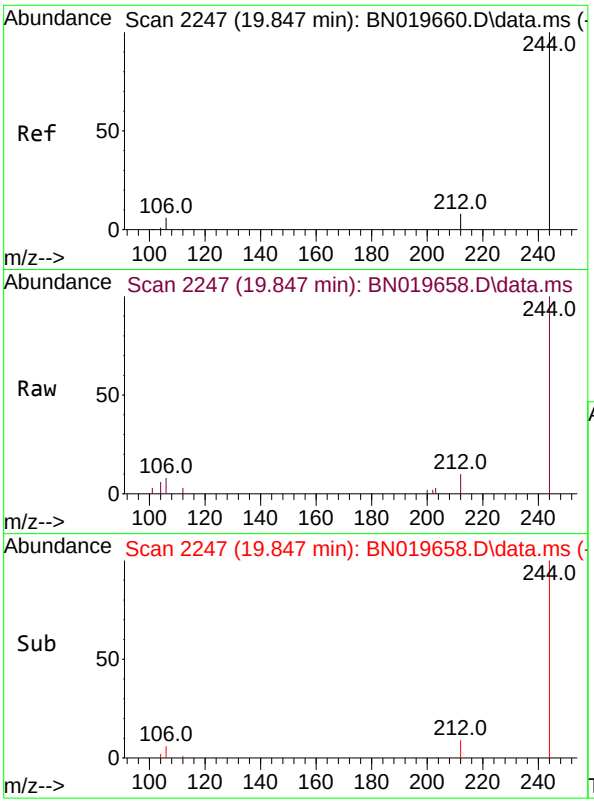


#30
Pyrene
Concen: 0.098 ng
RT: 19.640 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BN019658.D
Acq: 04 May 2022 10:59

Tgt Ion:202 Resp: 6267

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	18.2	14.2	21.4



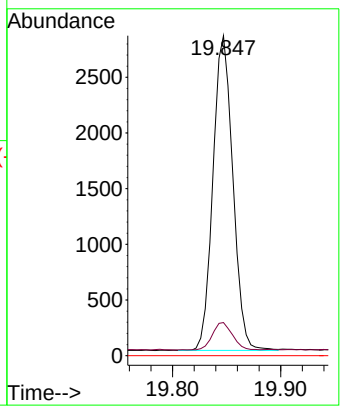


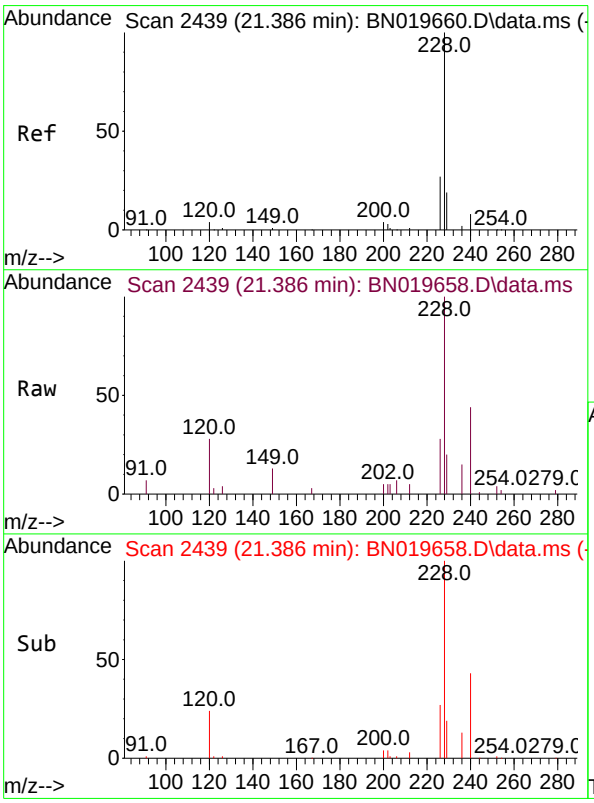
#31
Terphenyl-d14
Concen: 0.105 ng
RT: 19.847 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN019658.D
Acq: 04 May 2022 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 3621

Ion	Ratio	Lower	Upper
244	100		
212	10.3	7.6	11.4
122	0.0	0.0	0.0

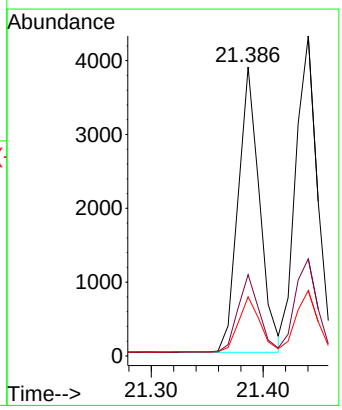


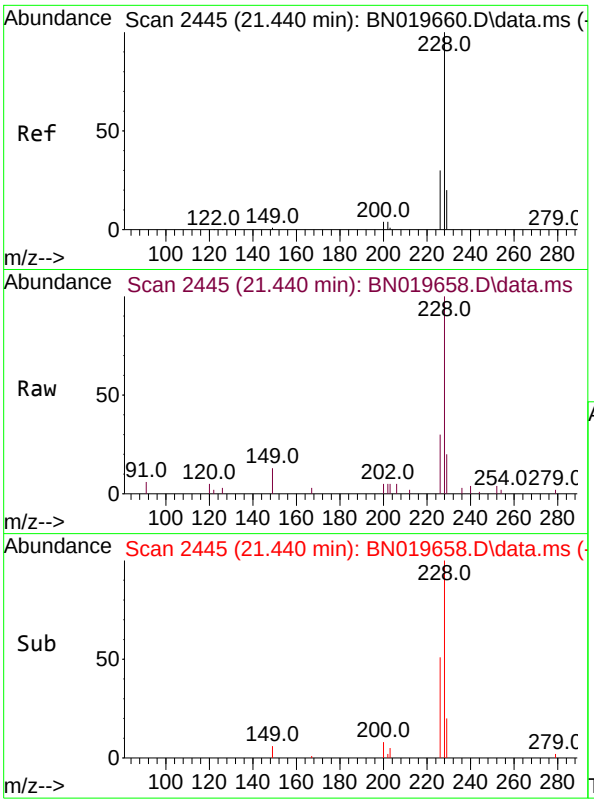


#32
Benzo(a)anthracene
Concen: 0.091 ng
RT: 21.386 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BN019658.D
Acq: 04 May 2022 10:59

Tgt Ion:228 Resp: 5135

Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.6	32.4
229	20.5	16.5	24.7



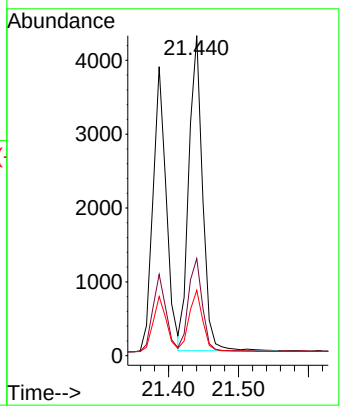


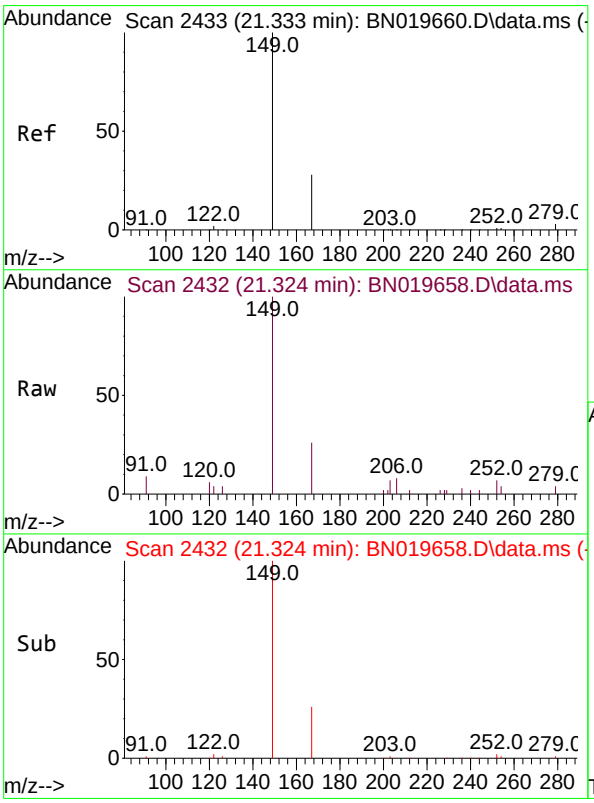
#33
Chrysene
Concen: 0.094 ng
RT: 21.440 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN019658.D
Acq: 04 May 2022 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 5800

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.6	36.8
229	20.4	15.9	23.9

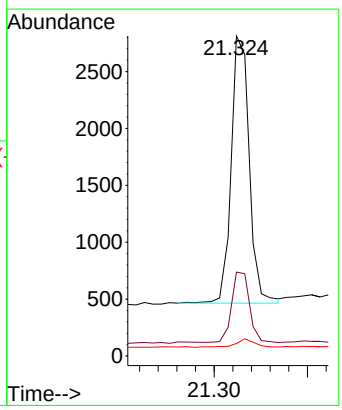


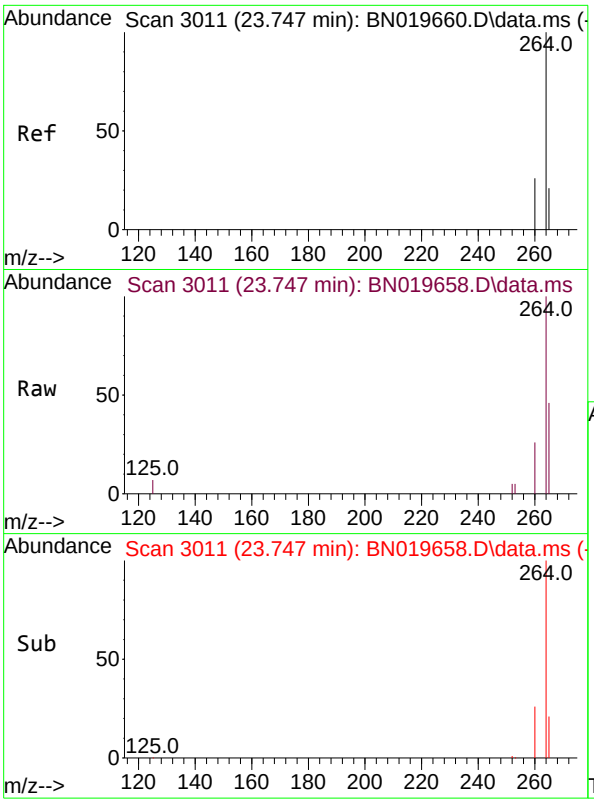


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.123 ng
RT: 21.324 min Scan# 2432
Delta R.T. -0.009 min
Lab File: BN019658.D
Acq: 04 May 2022 10:59

Tgt Ion:149 Resp: 3160

Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.7	32.5
279	3.3	2.8	4.2



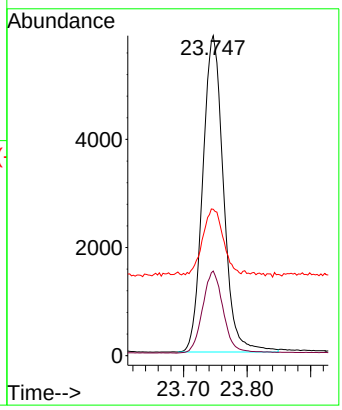


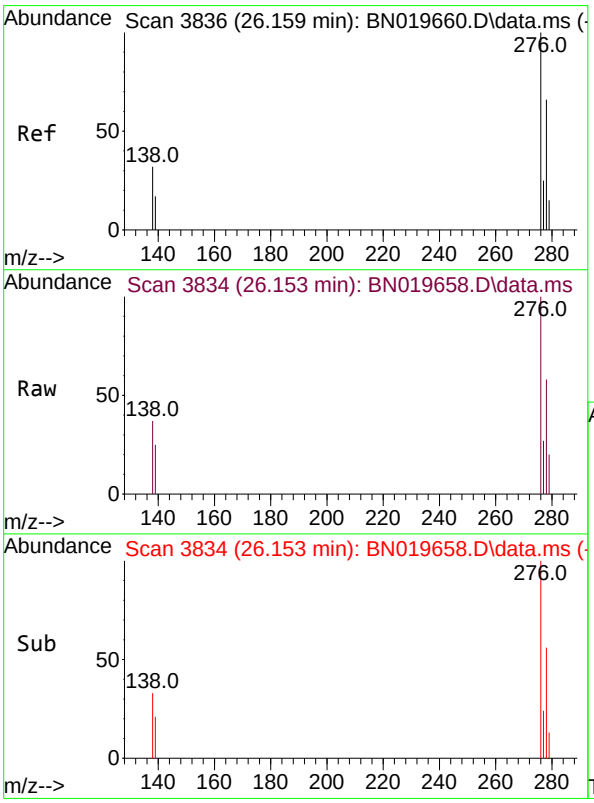
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.747 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN019658.D
Acq: 04 May 2022 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:264 Resp: 13291

Ion	Ratio	Lower	Upper
264	100		
260	26.4	21.0	31.6
265	45.8	67.9	101.9#

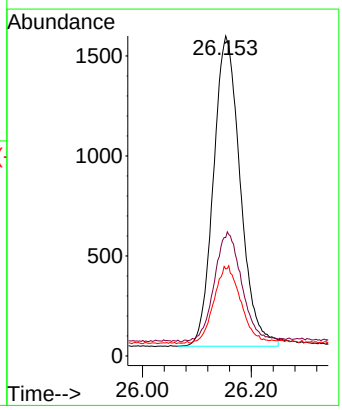


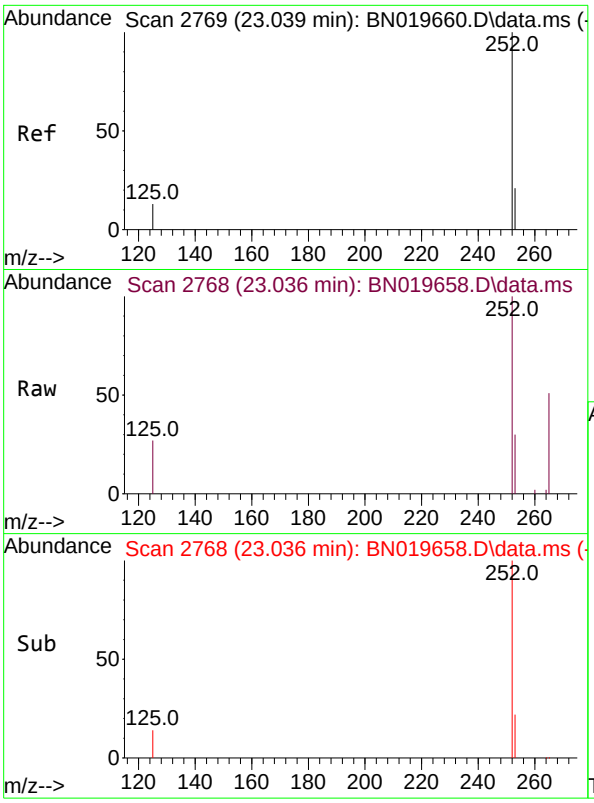


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.083 ng
RT: 26.153 min Scan# 3834
Delta R.T. -0.006 min
Lab File: BN019658.D
Acq: 04 May 2022 10:59

Tgt Ion:276 Resp: 5298

Ion	Ratio	Lower	Upper
276	100		
138	35.3	26.6	40.0
277	24.6	20.0	30.0



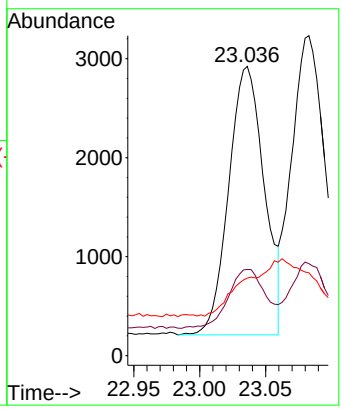


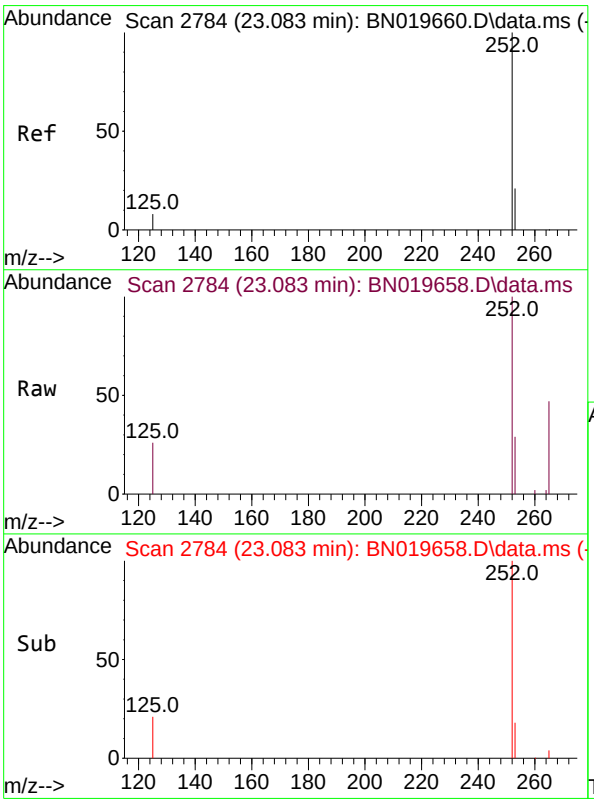
#37
Benzo(b)fluoranthene
Concen: 0.094 ng
RT: 23.036 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN019658.D
Acq: 04 May 2022 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 5096

Ion	Ratio	Lower	Upper
252	100		
253	29.8	21.2	31.8
125	26.8	15.9	23.9#

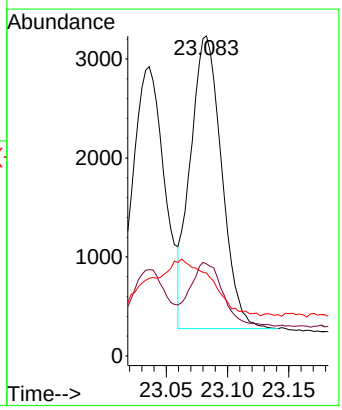


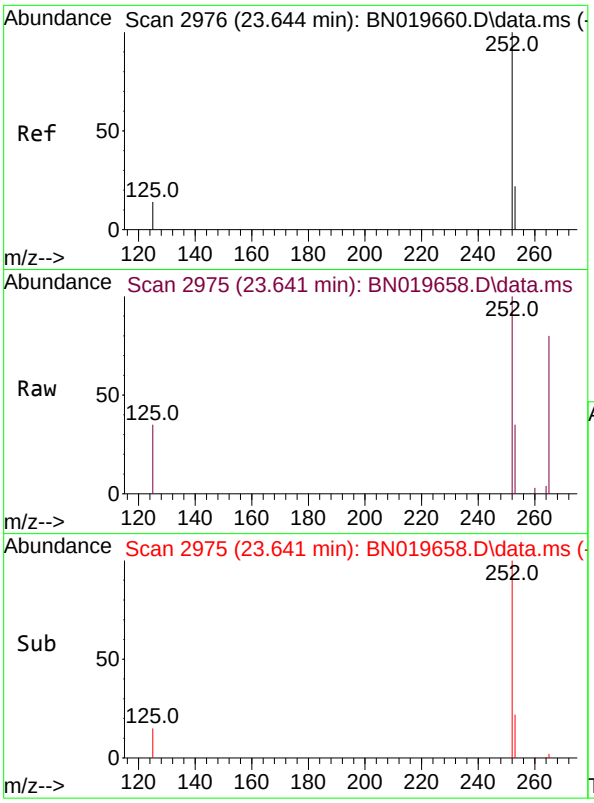


#38
Benzo(k)fluoranthene
Concen: 0.096 ng
RT: 23.083 min Scan# 2784
Delta R.T. 0.000 min
Lab File: BN019658.D
Acq: 04 May 2022 10:59

Tgt Ion:252 Resp: 5242

Ion	Ratio	Lower	Upper
252	100		
253	28.7	21.7	32.5
125	25.9	17.0	25.4#



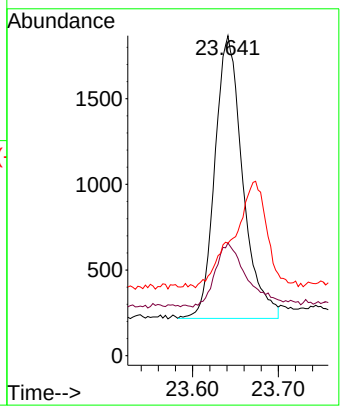


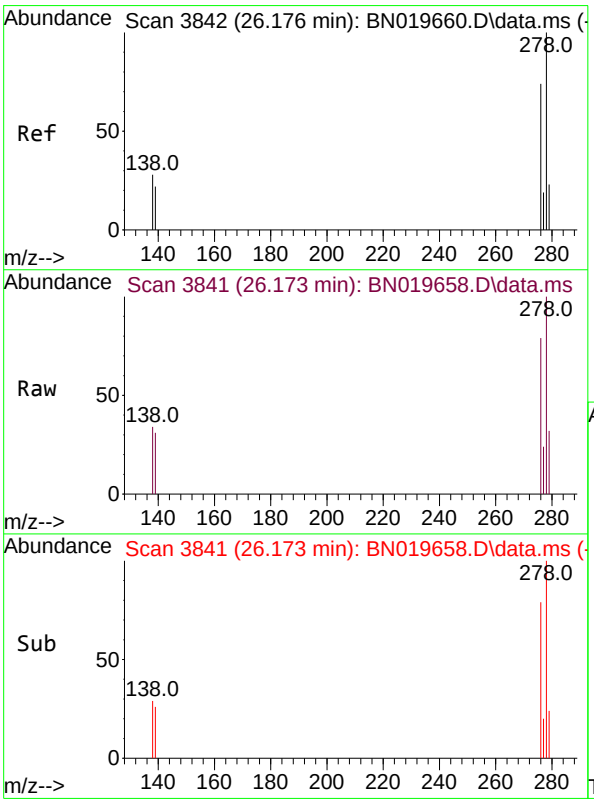
#39
Benzo(a)pyrene
Concen: 0.088 ng
RT: 23.641 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN019658.D
Acq: 04 May 2022 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 3713

Ion	Ratio	Lower	Upper
252	100		
253	35.2	23.1	34.7#
125	35.2	20.4	30.6#

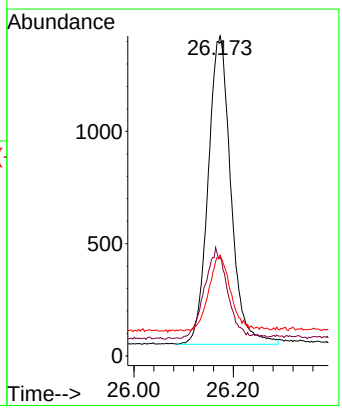


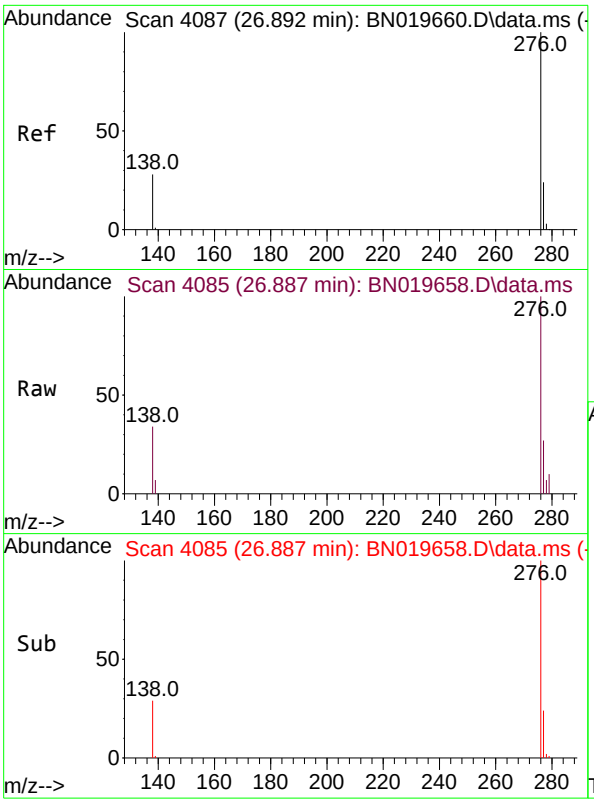


#40
Dibenzo(a,h)anthracene
Concen: 0.084 ng
RT: 26.173 min Scan# 3841
Delta R.T. -0.003 min
Lab File: BN019658.D
Acq: 04 May 2022 10:59

Tgt Ion:278 Resp: 4355

Ion	Ratio	Lower	Upper
278	100		
139	30.7	19.4	29.2#
279	31.5	21.8	32.8





#41
Benzo(g,h,i)perylene
Concen: 0.077 ng
RT: 26.887 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN019658.D
Acq: 04 May 2022 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 4250

Ion	Ratio	Lower	Upper
276	100		
277	27.5	20.2	30.2
138	33.9	23.5	35.3