Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051122\
Data File : BN019733.D
Acq On : 11 May 2022 22:51
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: May 12 05:52:36 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 10 01:35:26 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.862	152	4649	0.400	ng		0.00
7) Naphthalene-d8	10.648	136	14100	0.400	ng		0.00
13) Acenaphthene-d10	14.474	164	8139	0.400	ng		0.00
19) Phenanthrene-d10	17.215	188	18139	0.400	ng		0.00
29) Chrysene-d12	21.404	240	15991	0.400	ng		0.00
35) Perylene-d12	23.744	264	14873	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.442	112	4594	0.437	ng		0.00
5) Phenol-d6	7.024	99	5754	0.435	ng		0.00
8) Nitrobenzene-d5	9.003	82	3971	0.337	ng		0.00
11) 2-Methylnaphthalene-d10	12.235	152	9306	0.386	ng		0.00
14) 2,4,6-Tribromophenol	15.964	330	1137	0.385	ng		0.00
15) 2-Fluorobiphenyl	13.105	172	14584	0.397	ng		0.00
27) Fluoranthene-d10	19.249	212	19788	0.378	ng		0.00
31) Terphenyl-d14	19.847	244	14902	0.401	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.362	88	2176	0.367	ng		98
3) n-Nitrosodimethylamine	3.673	42	2201	0.361	ng	#	92
6) bis(2-Chloroethyl)ether	7.284	93	5409	0.379	ng		100
9) Naphthalene	10.701	128	16620	0.386	ng		99
10) Hexachlorobutadiene	11.000	225	3060	0.380	ng	#	100
12) 2-Methylnaphthalene	12.306	142	11003	0.381	ng		97
16) Acenaphthylene	14.196	152	14318	0.350	ng		99
17) Acenaphthene	14.538	154	10937	0.383	ng		99
18) Fluorene	15.521	166	13570	0.374	ng		99
20) 4,6-Dinitro-2-methylph...	15.596	198	956	0.380	ng		95
21) 4-Bromophenyl-phenylether	16.415	248	4254	0.358	ng		99
22) Hexachlorobenzene	16.528	284	4856	0.360	ng		98
23) Atrazine	16.672	200	2465	0.338	ng		97
24) Pentachlorophenol	16.867	266	1587	0.390	ng		98
25) Phenanthrene	17.256	178	24114	0.375	ng		99
26) Anthracene	17.349	178	19062	0.359	ng		100
28) Fluoranthene	19.278	202	25819	0.377	ng		100
30) Pyrene	19.641	202	26248	0.386	ng		100
32) Benzo(a)anthracene	21.387	228	21807	0.377	ng		100
33) Chrysene	21.440	228	26413	0.391	ng		100
34) Bis(2-ethylhexyl)phtha...	21.324	149	8790	0.338	ng		100
36) Indeno(1,2,3-cd)pyrene	26.150	276	27248	0.362	ng		99
37) Benzo(b)fluoranthene	23.033	252	23484	0.352	ng		99
38) Benzo(k)fluoranthene	23.080	252	25443	0.367	ng		99
39) Benzo(a)pyrene	23.641	252	18955	0.367	ng		99
40) Dibenzo(a,h)anthracene	26.167	278	22037	0.358	ng		99
41) Benzo(g,h,i)perylene	26.887	276	21913	0.341	ng		98

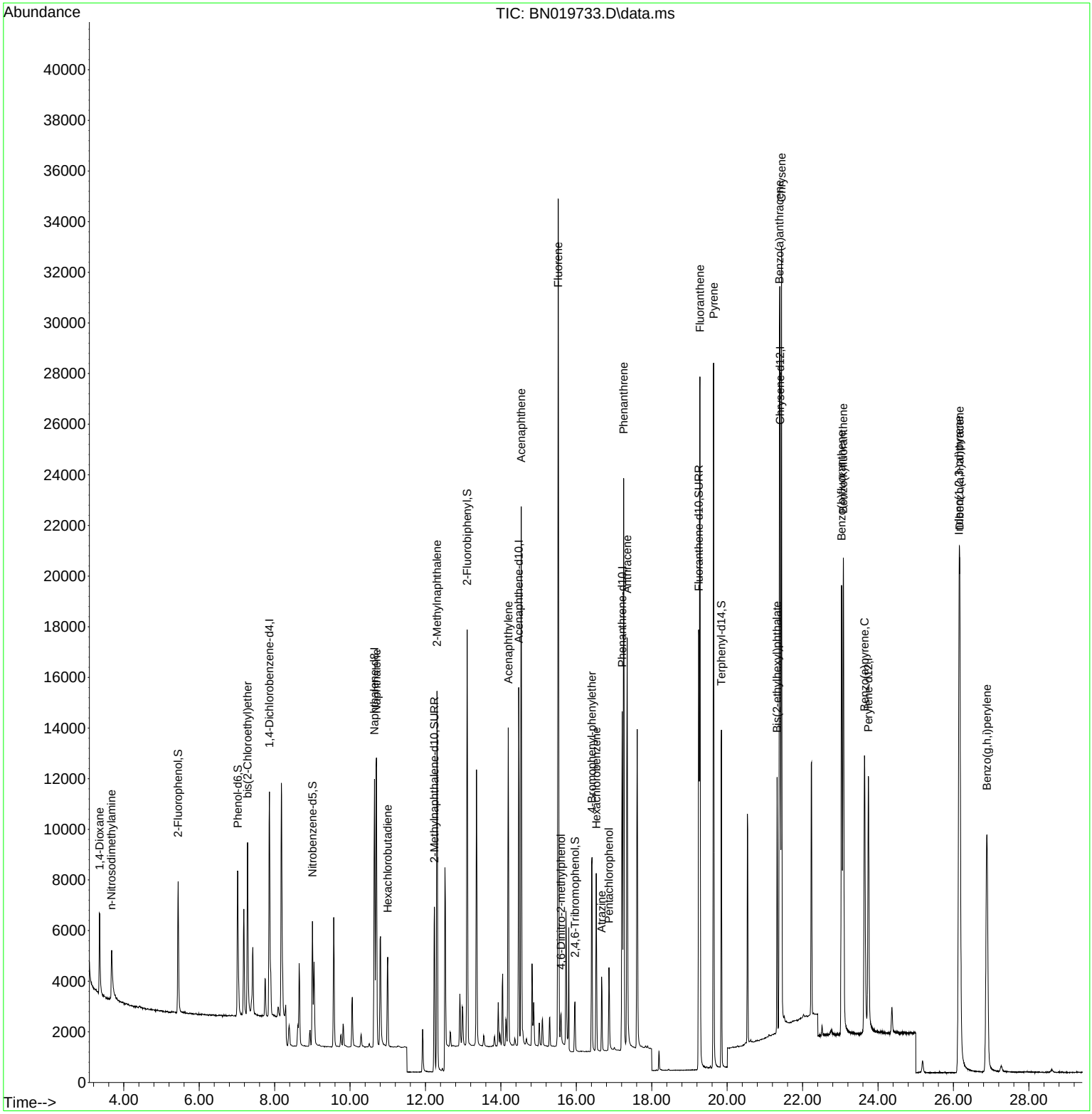
(#) = qualifier out of range (m) = manual integration (+) = signals summed

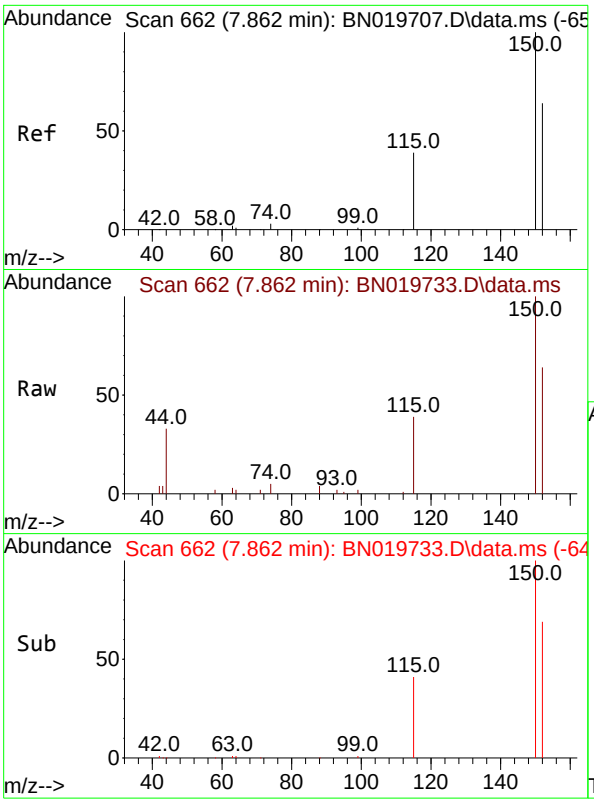
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051122\
Data File : BN019733.D
Acq On : 11 May 2022 22:51
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: May 12 05:52:36 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 10 01:35:26 2022
Response via : Initial Calibration



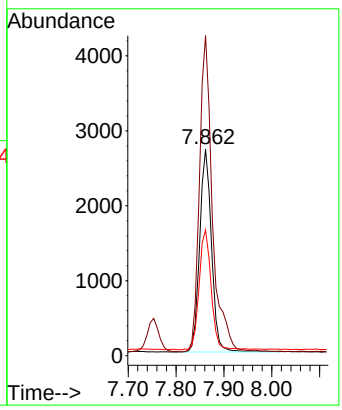


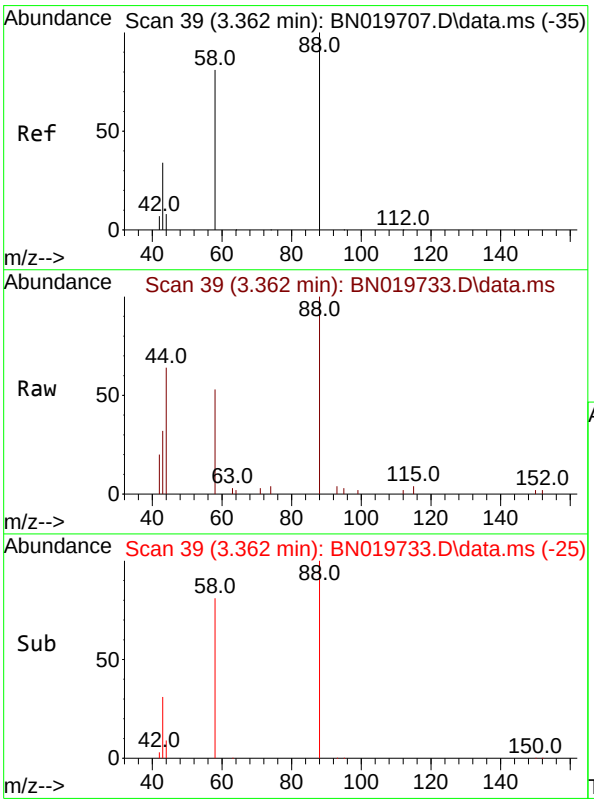
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.862 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN019733.D
Acq: 11 May 2022 22:51

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 4649

Ion	Ratio	Lower	Upper
152	100		
150	155.0	125.0	187.4
115	61.0	50.6	76.0

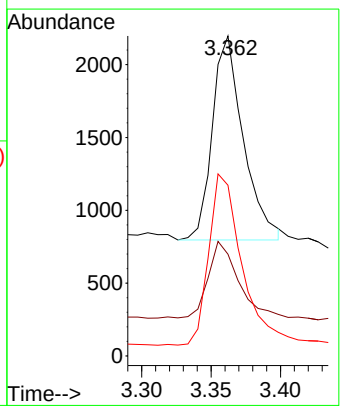


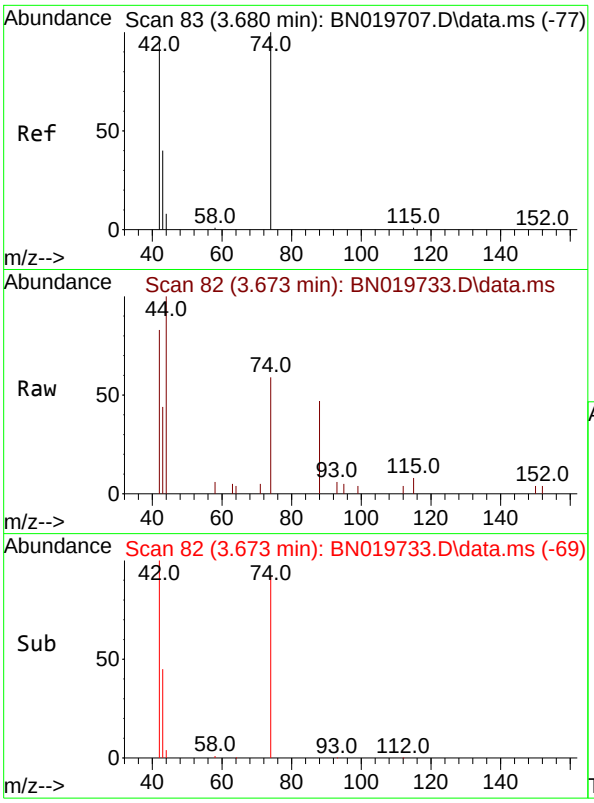


#2
1,4-Dioxane
Concen: 0.367 ng
RT: 3.362 min Scan# 39
Delta R.T. -0.000 min
Lab File: BN019733.D
Acq: 11 May 2022 22:51

Tgt Ion: 88 Resp: 2176

Ion	Ratio	Lower	Upper
88	100		
43	36.8	29.0	43.6
58	88.6	73.1	109.7



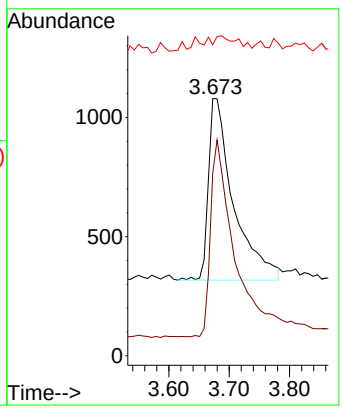


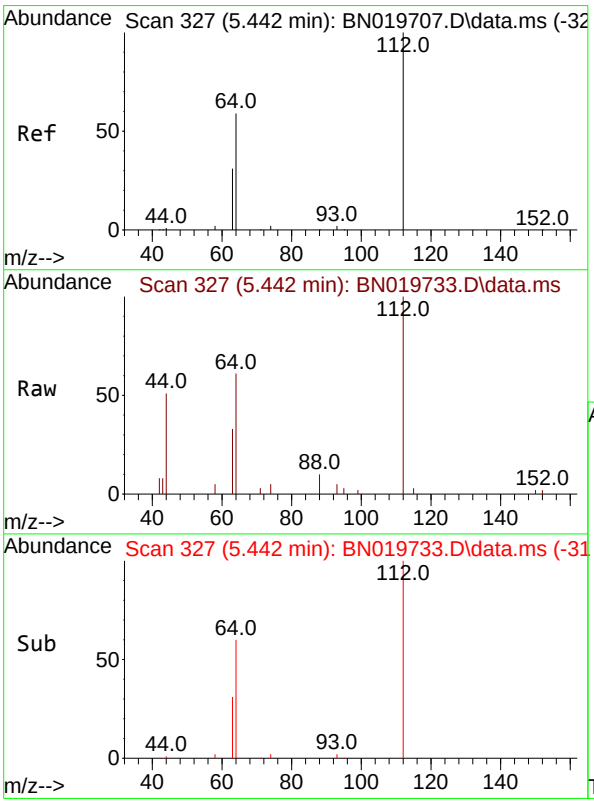
#3
n-Nitrosodimethylamine
Concen: 0.361 ng
RT: 3.673 min Scan# 8
Delta R.T. -0.007 min
Lab File: BN019733.D
Acq: 11 May 2022 22:51

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 2201

Ion	Ratio	Lower	Upper
42	100		
74	103.7	87.8	131.6
44	6.7	12.5	18.7#

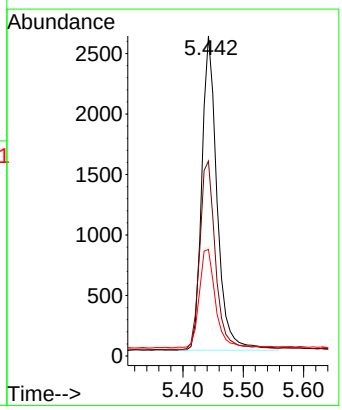


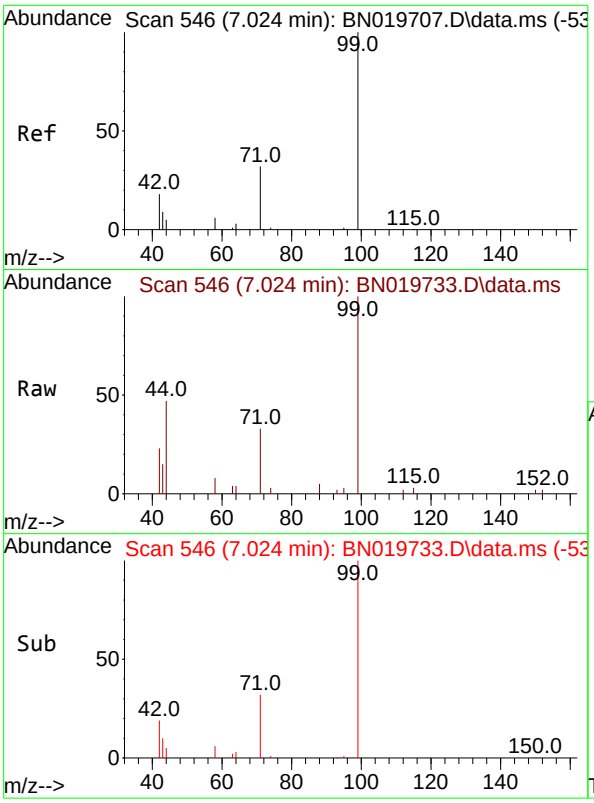


#4
2-Fluorophenol
Concen: 0.437 ng
RT: 5.442 min Scan# 327
Delta R.T. -0.000 min
Lab File: BN019733.D
Acq: 11 May 2022 22:51

Tgt Ion:112 Resp: 4594

Ion	Ratio	Lower	Upper
112	100		
64	62.0	49.1	73.7
63	33.1	26.4	39.6



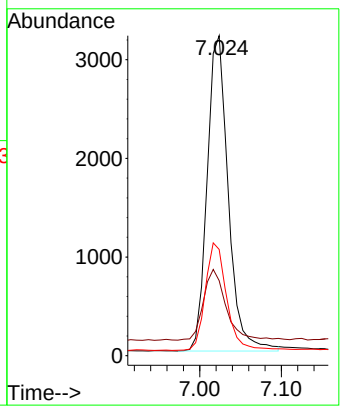


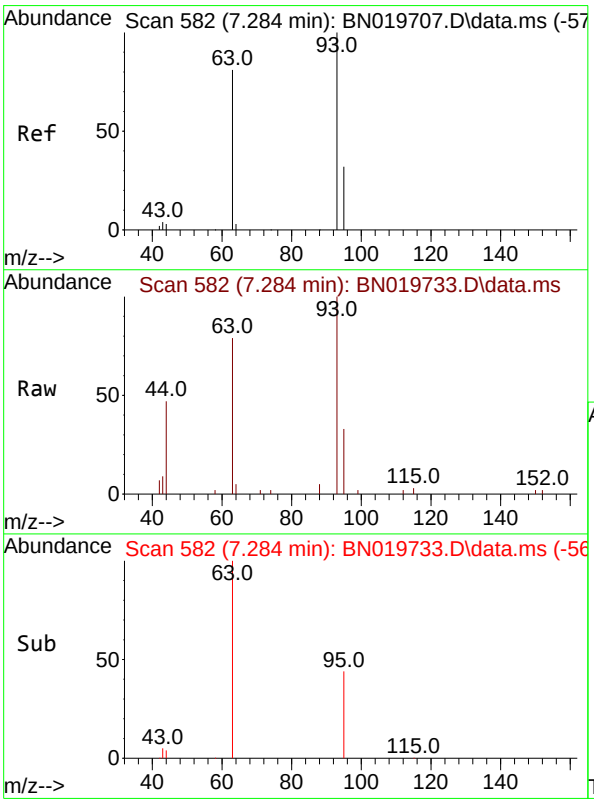
#5
Phenol-d6
Concen: 0.435 ng
RT: 7.024 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN019733.D
Acq: 11 May 2022 22:51

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 5754

Ion	Ratio	Lower	Upper
99	100		
42	24.0	19.6	29.4
71	34.4	27.3	40.9

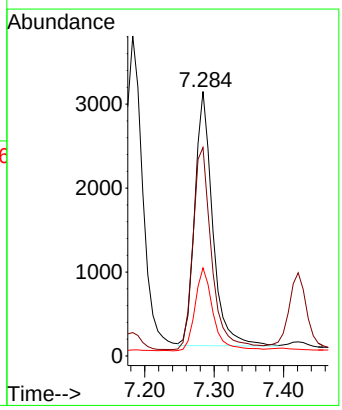


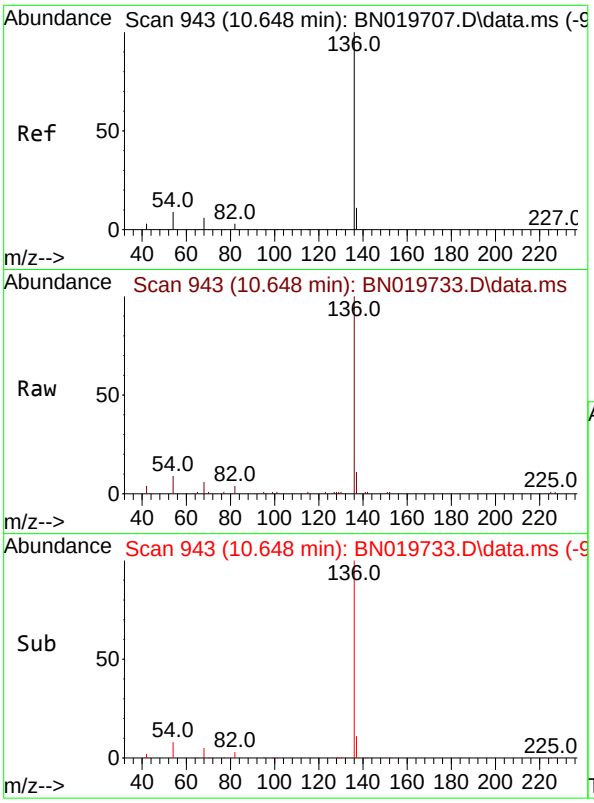


#6
bis(2-Chloroethyl)ether
Concen: 0.379 ng
RT: 7.284 min Scan# 582
Delta R.T. -0.000 min
Lab File: BN019733.D
Acq: 11 May 2022 22:51

Tgt Ion: 93 Resp: 5409

Ion	Ratio	Lower	Upper
93	100		
63	84.0	66.8	100.2
95	33.3	26.6	40.0



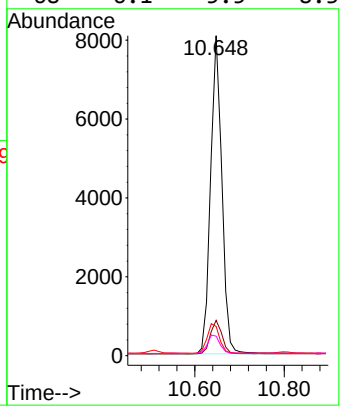


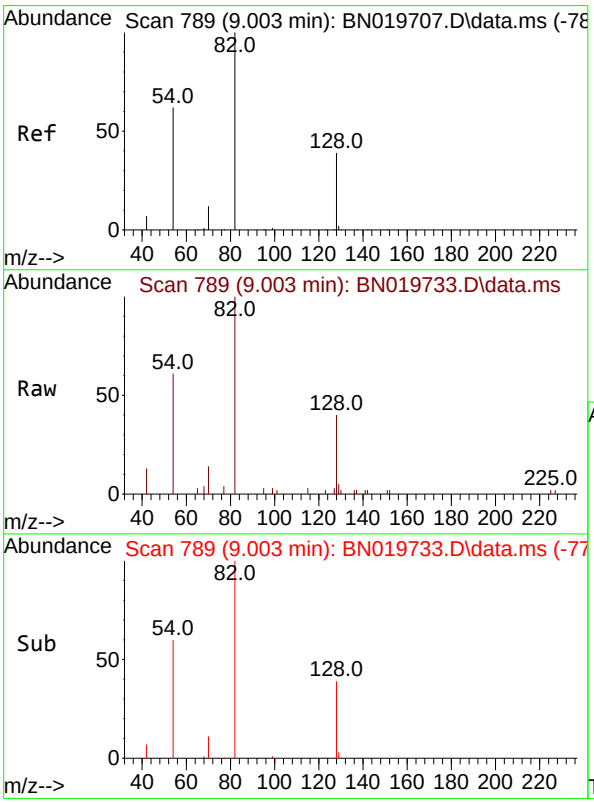
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN019733.D
Acq: 11 May 2022 22:51

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 14100

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	9.2	8.2	12.4
68	6.1	5.5	8.3

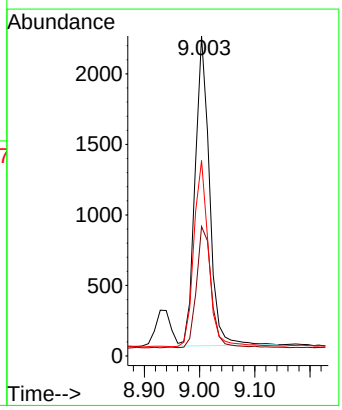


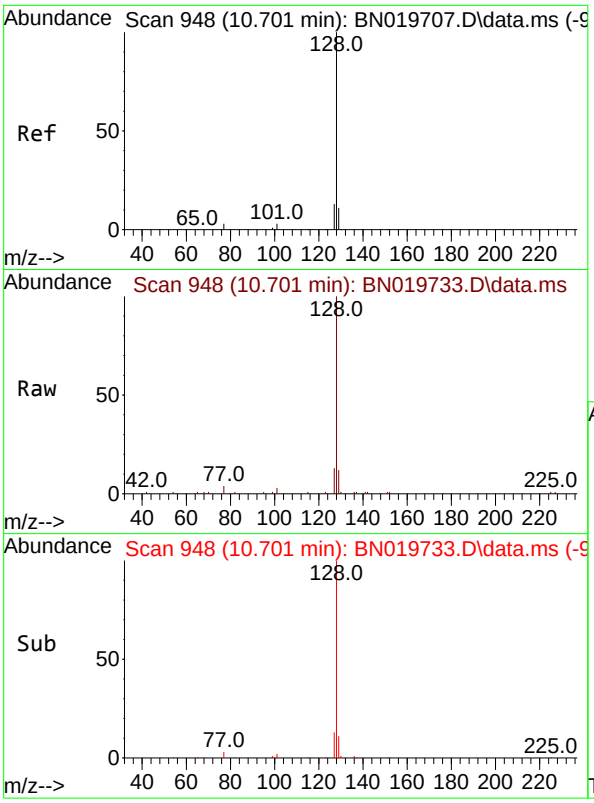


#8
Nitrobenzene-d5
Concen: 0.337 ng
RT: 9.003 min Scan# 789
Delta R.T. -0.000 min
Lab File: BN019733.D
Acq: 11 May 2022 22:51

Tgt Ion: 82 Resp: 3971

Ion	Ratio	Lower	Upper
82	100		
128	40.5	32.4	48.6
54	61.0	50.7	76.1



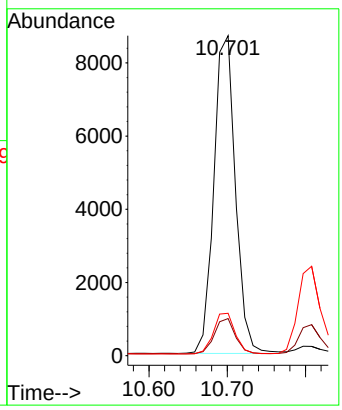


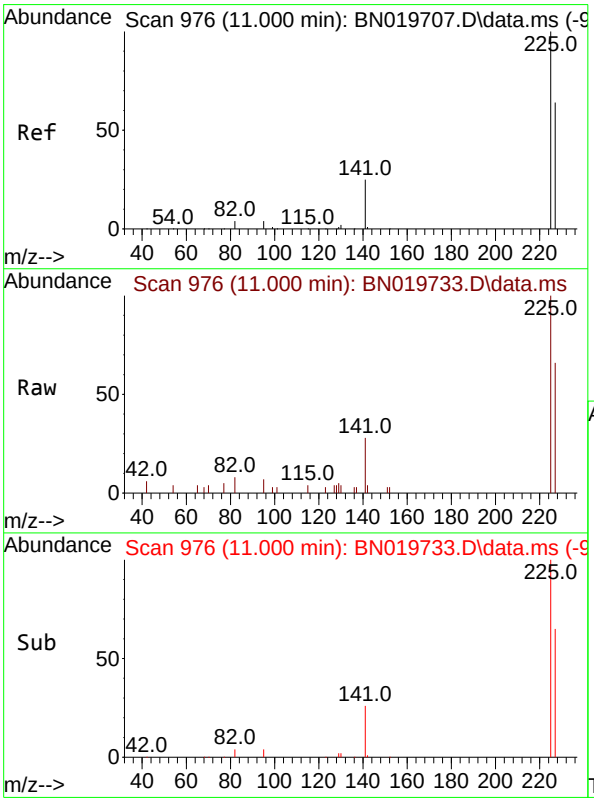
#9
Naphthalene
Concen: 0.386 ng
RT: 10.701 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN019733.D
Acq: 11 May 2022 22:51

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 16620

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.6
127	13.2	10.7	16.1

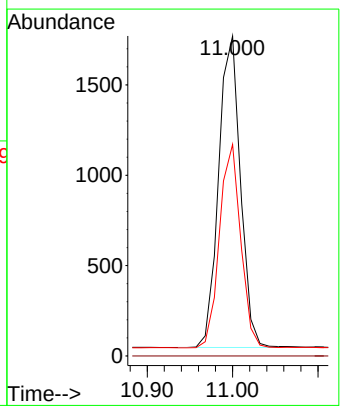


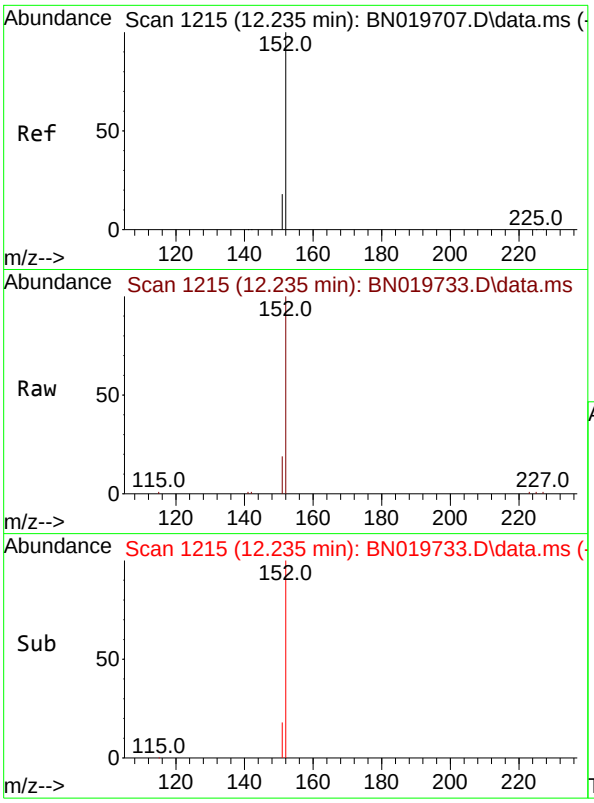


#10
Hexachlorobutadiene
Concen: 0.380 ng
RT: 11.000 min Scan# 976
Delta R.T. -0.000 min
Lab File: BN019733.D
Acq: 11 May 2022 22:51

Tgt Ion:225 Resp: 3060

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.5	51.0	76.4



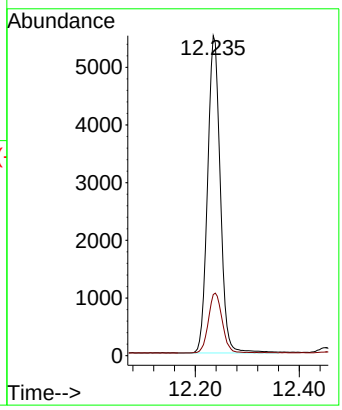


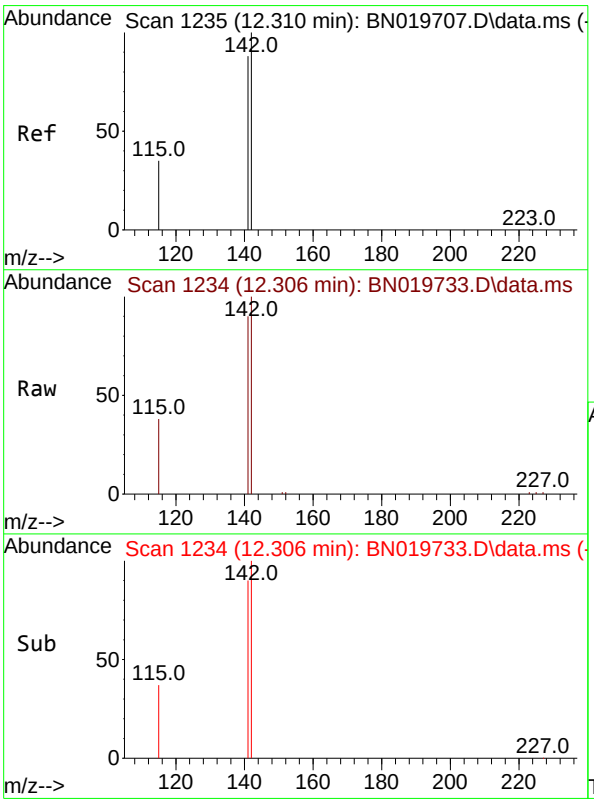
#11
2-Methylnaphthalene-d10
Concen: 0.386 ng
RT: 12.235 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019733.D
Acq: 11 May 2022 22:51

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 9306

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.4	24.6

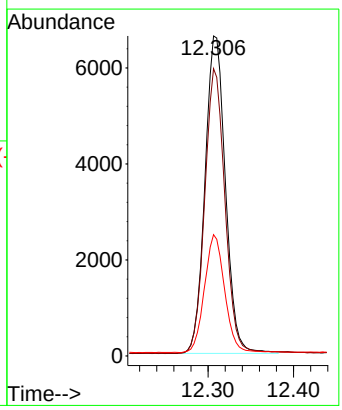


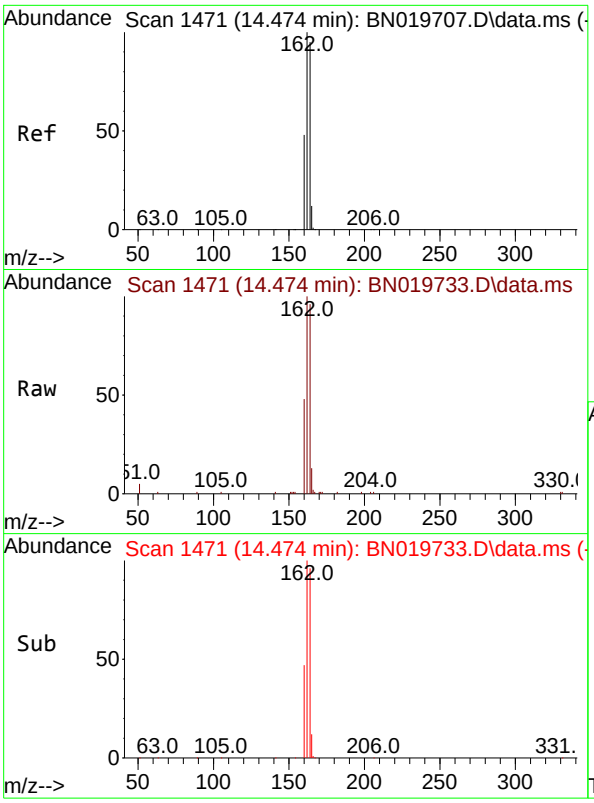


#12
2-Methylnaphthalene
Concen: 0.381 ng
RT: 12.306 min Scan# 1234
Delta R.T. -0.004 min
Lab File: BN019733.D
Acq: 11 May 2022 22:51

Tgt Ion:142 Resp: 11003

Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.1	105.1
115	37.9	28.8	43.2



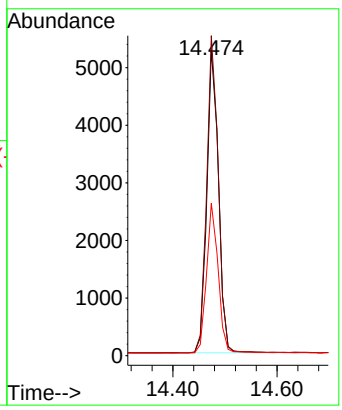


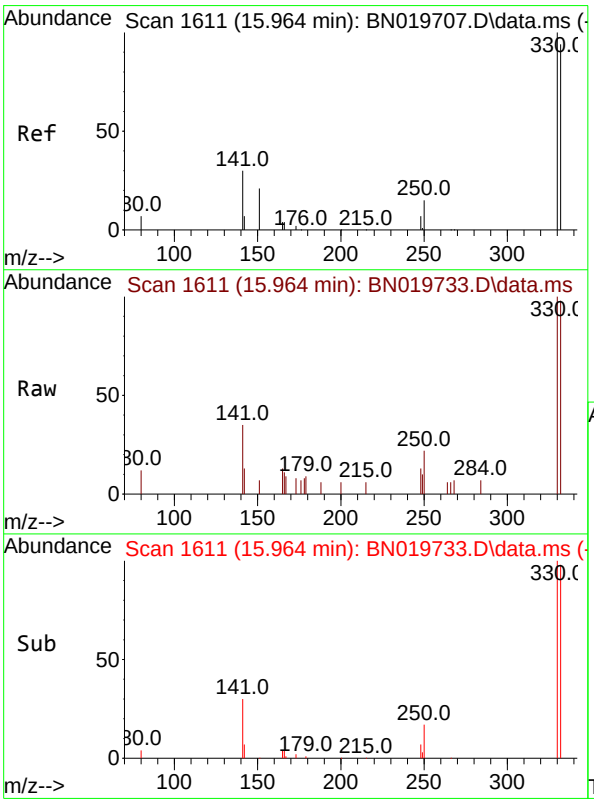
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN019733.D
Acq: 11 May 2022 22:51

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 8139

Ion	Ratio	Lower	Upper
164	100		
162	104.6	84.0	126.0
160	49.8	41.1	61.7

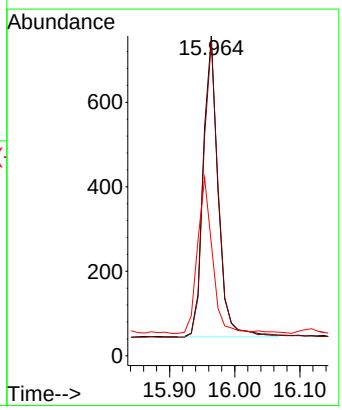


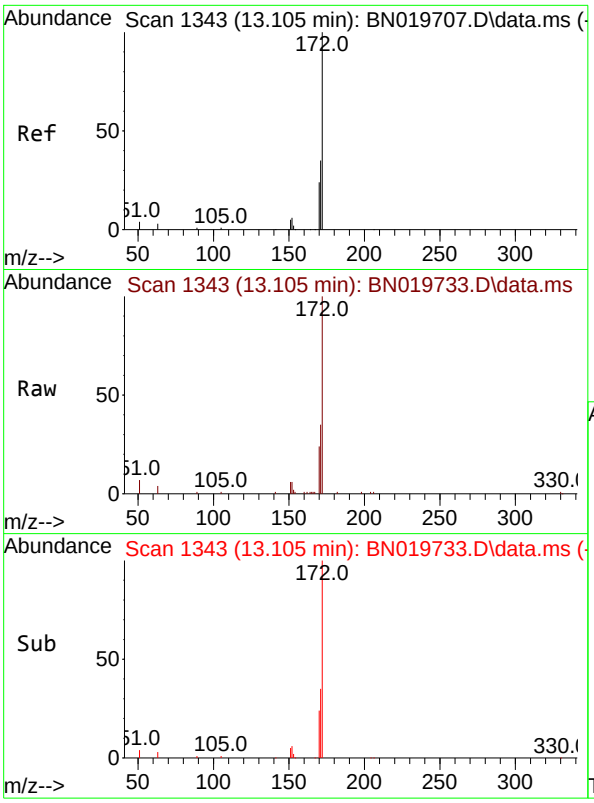


#14
2,4,6-Tribromophenol
Concen: 0.385 ng
RT: 15.964 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BN019733.D
Acq: 11 May 2022 22:51

Tgt Ion:330 Resp: 1137

Ion	Ratio	Lower	Upper
330	100		
332	99.4	75.7	113.5
141	52.7	40.2	60.2



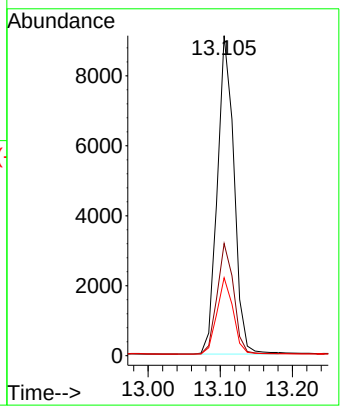


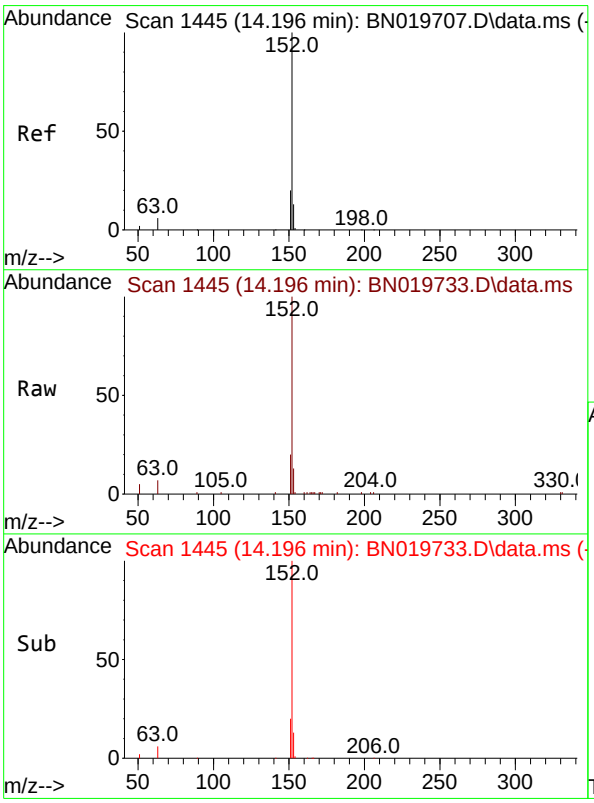
#15
2-Fluorobiphenyl
Concen: 0.397 ng
RT: 13.105 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019733.D
Acq: 11 May 2022 22:51

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 14584

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	24.4	19.4	29.2

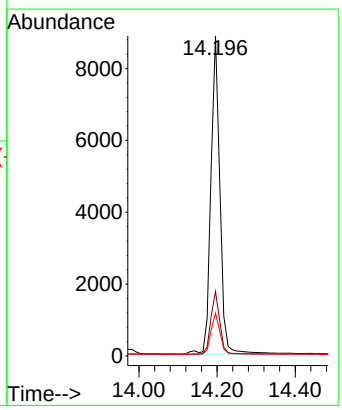


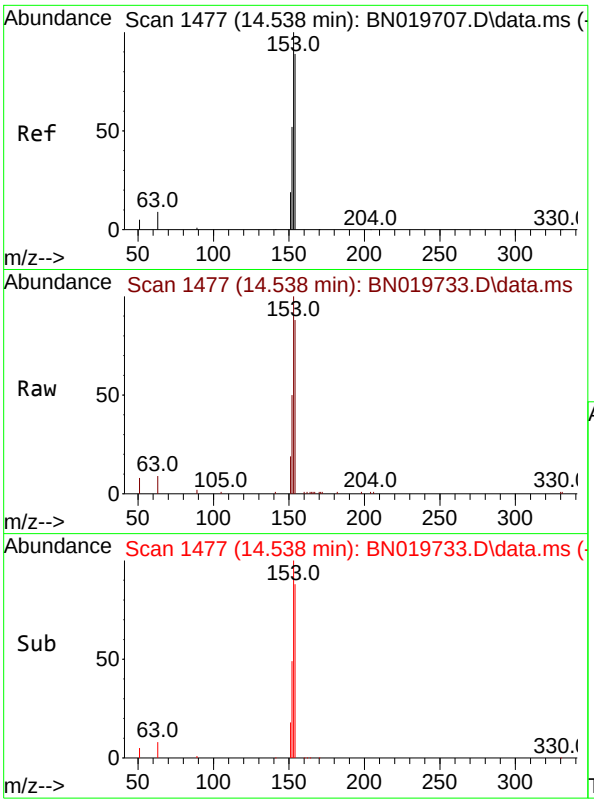


#16
Acenaphthylene
Concen: 0.350 ng
RT: 14.196 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BN019733.D
Acq: 11 May 2022 22:51

Tgt Ion:152 Resp: 14318

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.2
153	13.1	10.0	15.0



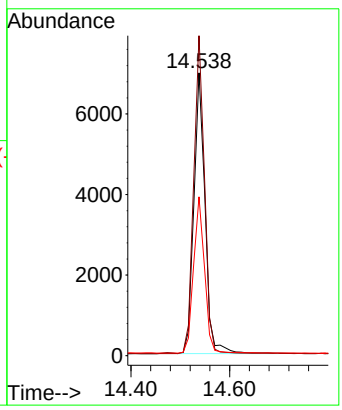


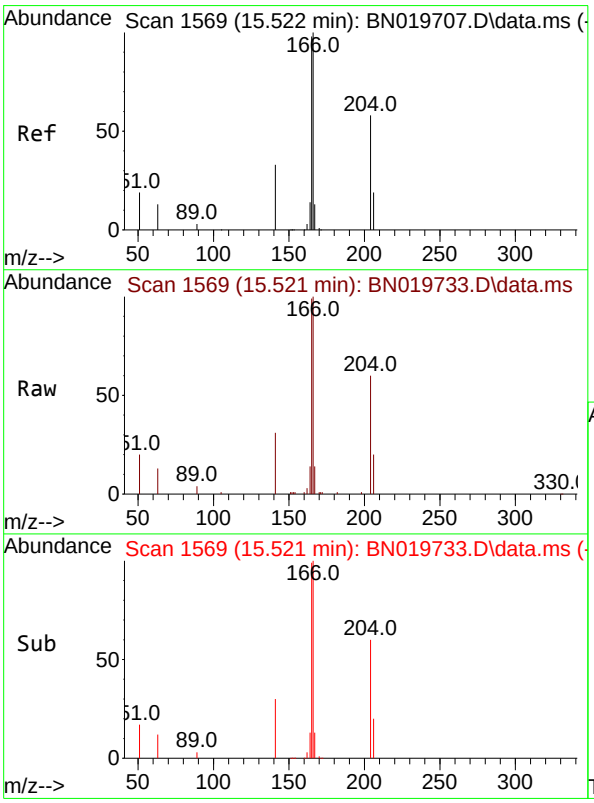
#17
Acenaphthene
Concen: 0.383 ng
RT: 14.538 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN019733.D
Acq: 11 May 2022 22:51

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 10937

Ion	Ratio	Lower	Upper
154	100		
153	109.6	87.1	130.7
152	54.8	45.5	68.3

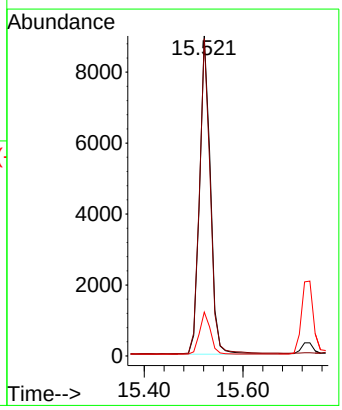


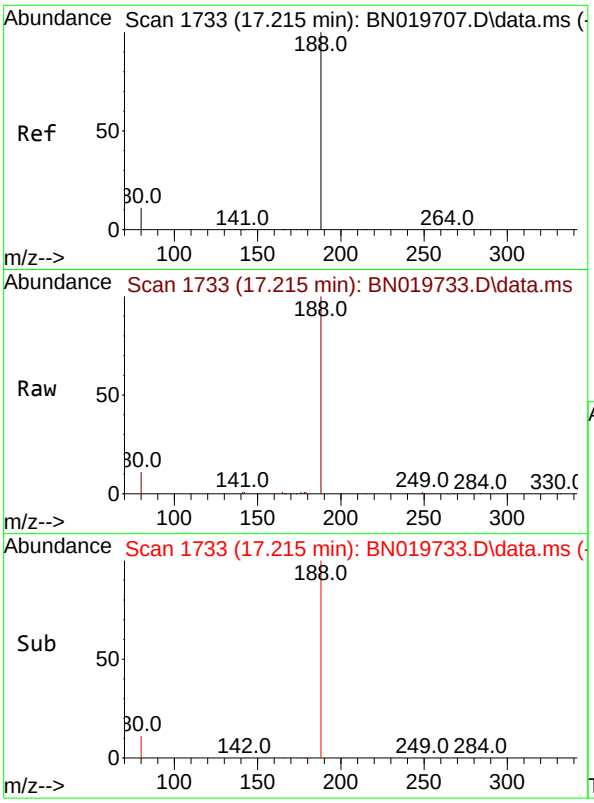


#18
Fluorene
Concen: 0.374 ng
RT: 15.521 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BN019733.D
Acq: 11 May 2022 22:51

Tgt Ion:166 Resp: 13570

Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.0	117.0
167	13.5	10.8	16.2





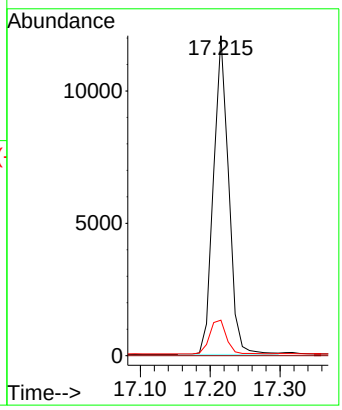
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.215 min Scan# 1

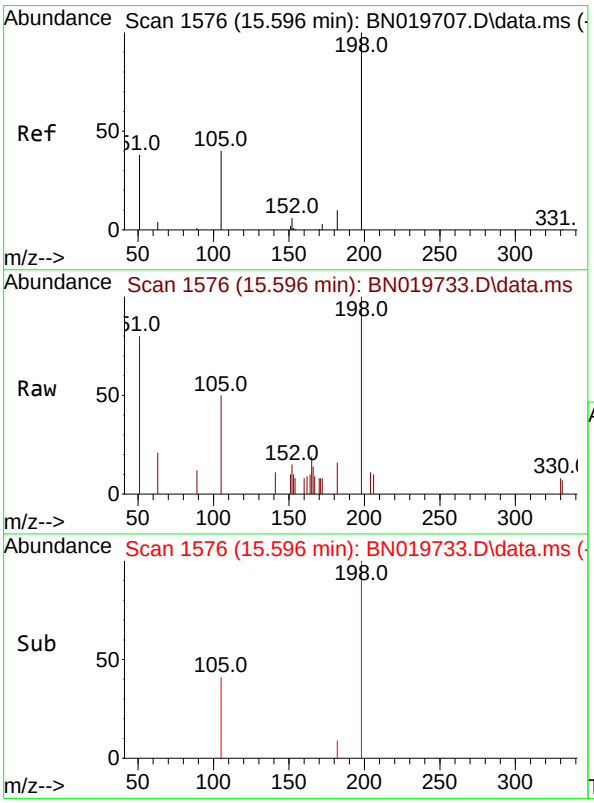
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Delta R.T. -0.000 min
Lab File: BN019733.D
Acq: 11 May 2022 22:51

Tgt Ion:188 Resp: 18139

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.1	9.6	14.4

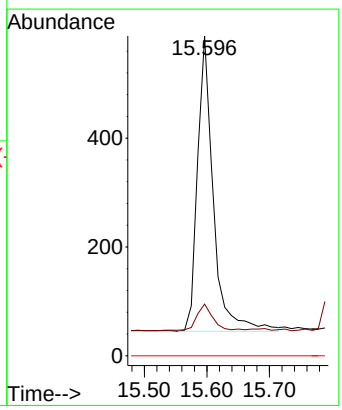


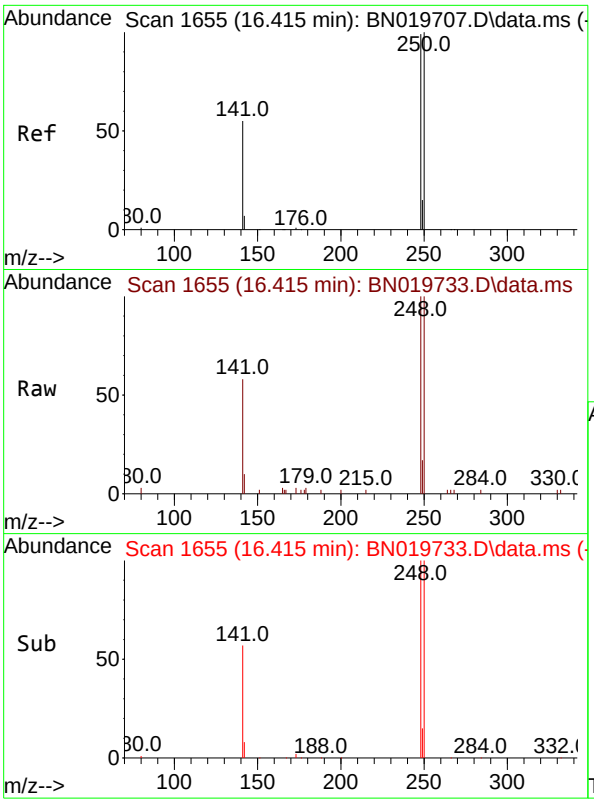


#20
4,6-Dinitro-2-methylphenol
Concen: 0.380 ng
RT: 15.596 min Scan# 1576
Delta R.T. 0.000 min
Lab File: BN019733.D
Acq: 11 May 2022 22:51

Tgt Ion:198 Resp: 956

Ion	Ratio	Lower	Upper
198	100		
182	16.2	14.9	22.3
77	0.0	0.0	0.0



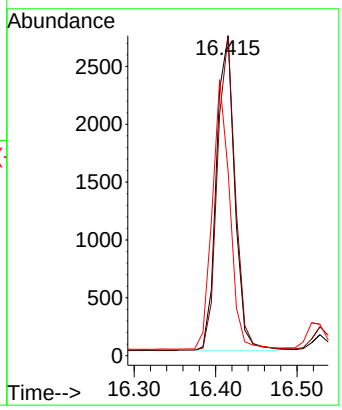


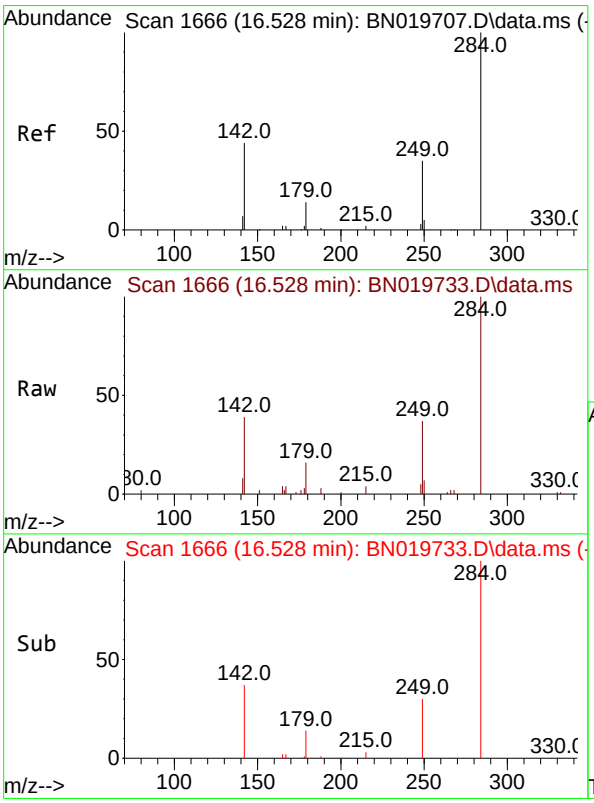
#21
4-Bromophenyl-phenylether
Concen: 0.358 ng
RT: 16.415 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN019733.D
Acq: 11 May 2022 22:51

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:248 Resp: 4254

Ion	Ratio	Lower	Upper
248	100		
250	100.0	80.6	121.0
141	57.7	45.4	68.2

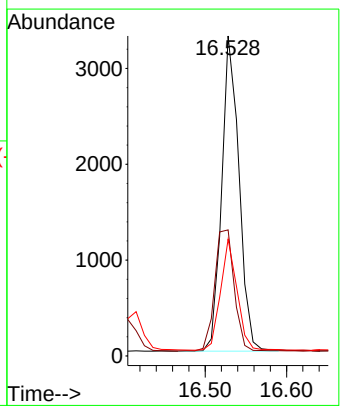


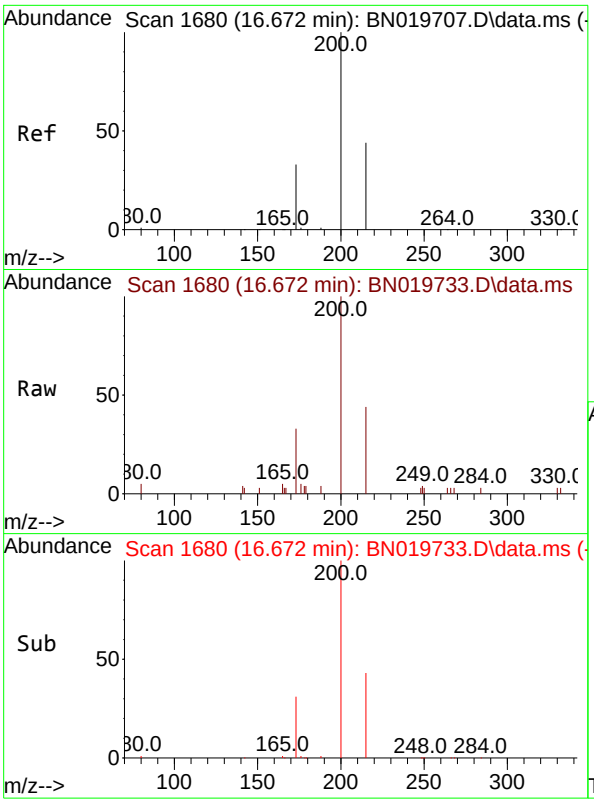


#22
Hexachlorobenzene
Concen: 0.360 ng
RT: 16.528 min Scan# 1666
Delta R.T. -0.000 min
Lab File: BN019733.D
Acq: 11 May 2022 22:51

Tgt Ion:284 Resp: 4856

Ion	Ratio	Lower	Upper
284	100		
142	43.2	35.4	53.2
249	33.6	26.1	39.1



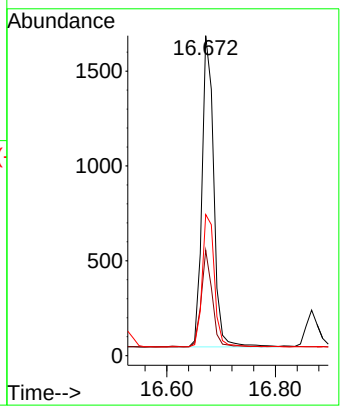


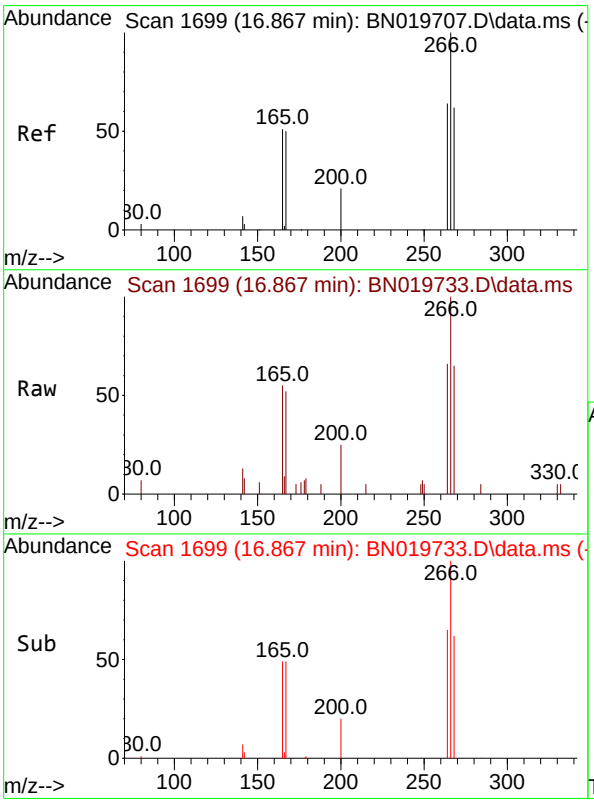
#23
Atrazine
Concen: 0.338 ng
RT: 16.672 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019733.D
Acq: 11 May 2022 22:51

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:200 Resp: 2465

Ion	Ratio	Lower	Upper
200	100		
173	33.0	28.4	42.6
215	44.1	36.3	54.5

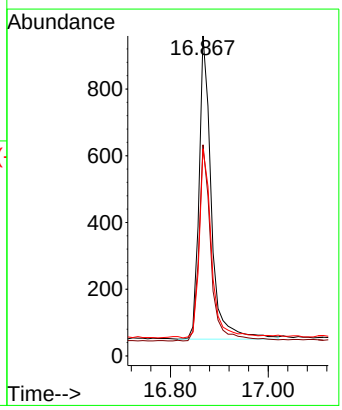


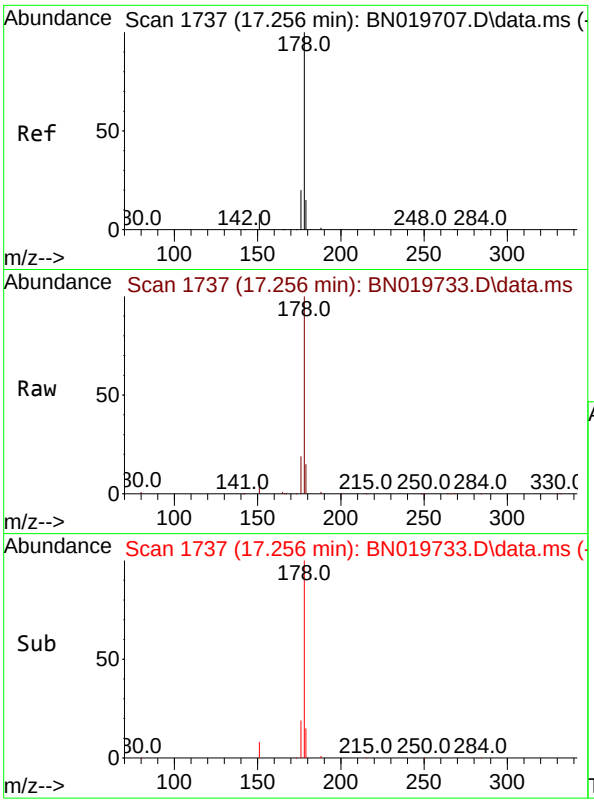


#24
Pentachlorophenol
Concen: 0.390 ng
RT: 16.867 min Scan# 1699
Delta R.T. -0.000 min
Lab File: BN019733.D
Acq: 11 May 2022 22:51

Tgt Ion:266 Resp: 1587

Ion	Ratio	Lower	Upper
266	100		
264	63.4	49.3	73.9
268	62.1	51.3	76.9



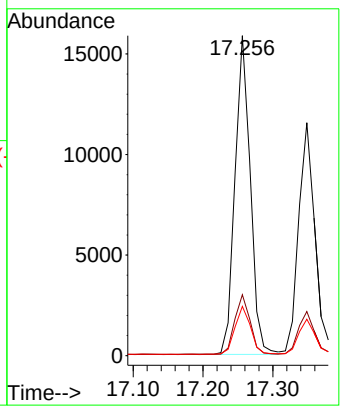


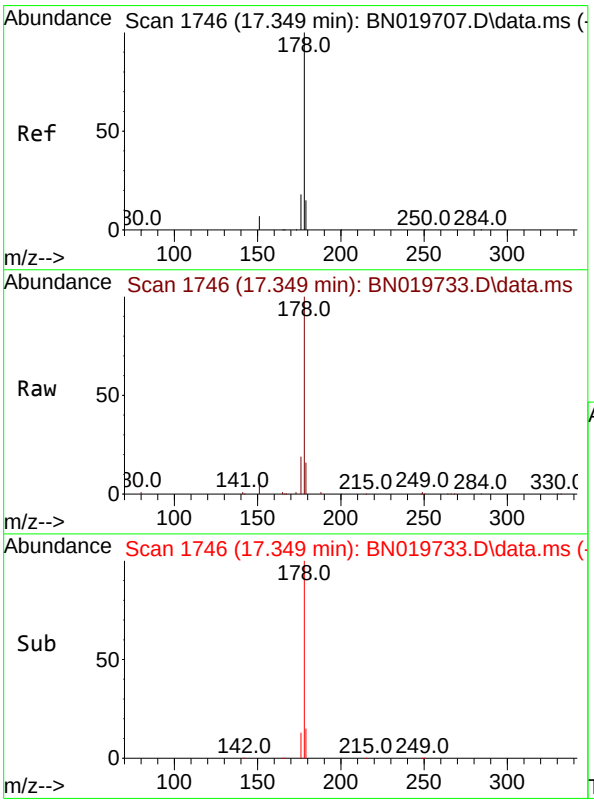
#25
Phenanthrene
Concen: 0.375 ng
RT: 17.256 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019733.D
Acq: 11 May 2022 22:51

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 24114

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.5	12.2	18.2

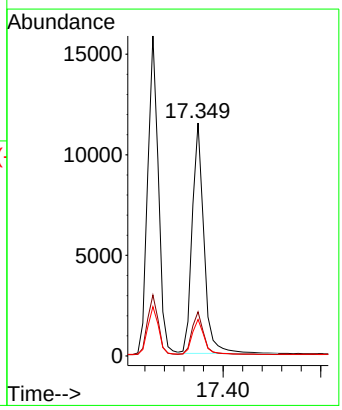


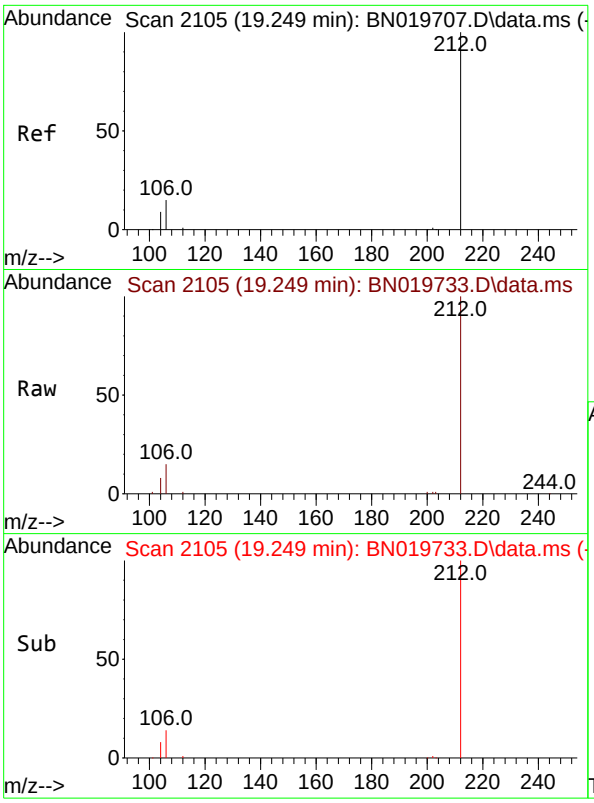


#26
Anthracene
Concen: 0.359 ng
RT: 17.349 min Scan# 1746
Delta R.T. -0.000 min
Lab File: BN019733.D
Acq: 11 May 2022 22:51

Tgt Ion:178 Resp: 19062

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	15.0	12.0	18.0



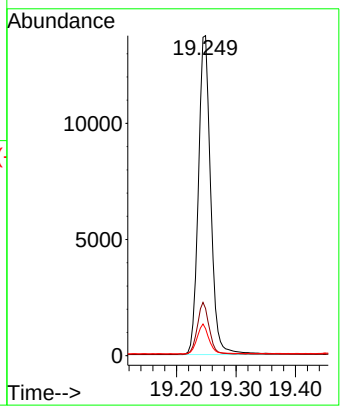


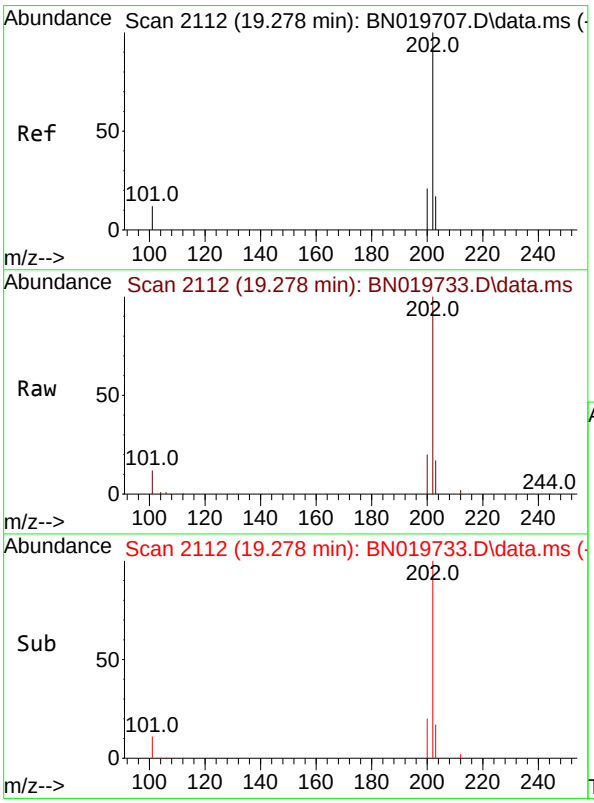
#27
Fluoranthene-d10
Concen: 0.378 ng
RT: 19.249 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN019733.D
Acq: 11 May 2022 22:51

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 19788

Ion	Ratio	Lower	Upper
212	100		
106	15.6	13.0	19.4
104	8.9	7.3	10.9

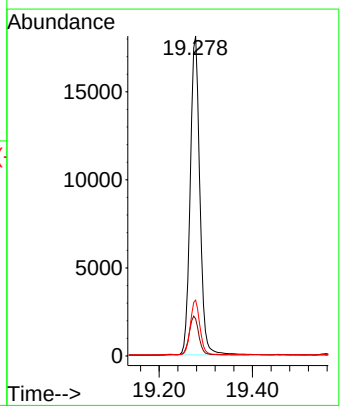


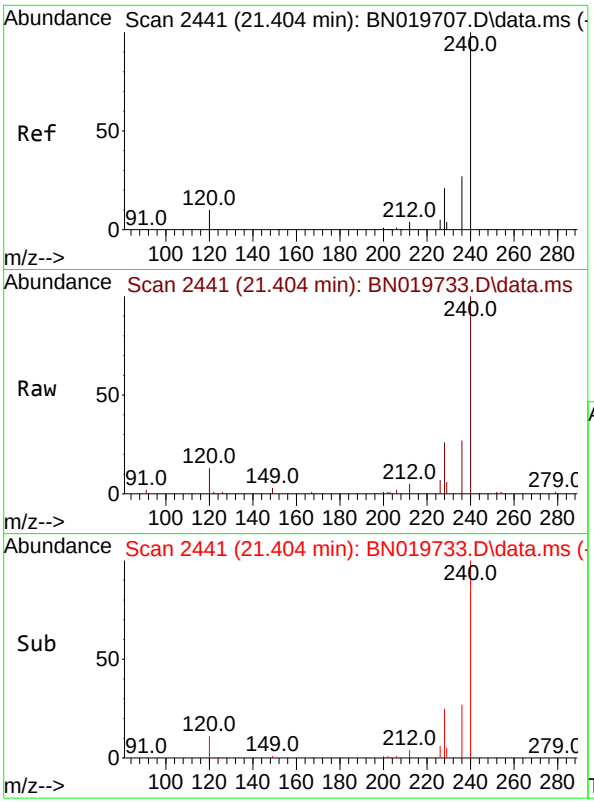


#28
Fluoranthene
Concen: 0.377 ng
RT: 19.278 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BN019733.D
Acq: 11 May 2022 22:51

Tgt Ion:202 Resp: 25819

Ion	Ratio	Lower	Upper
202	100		
101	12.5	10.2	15.2
203	17.0	13.6	20.4



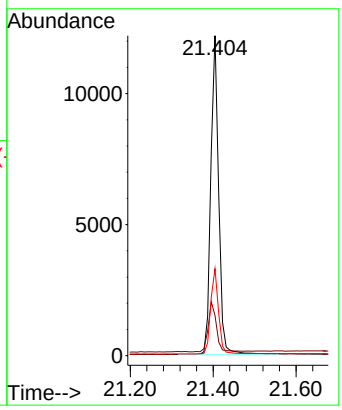


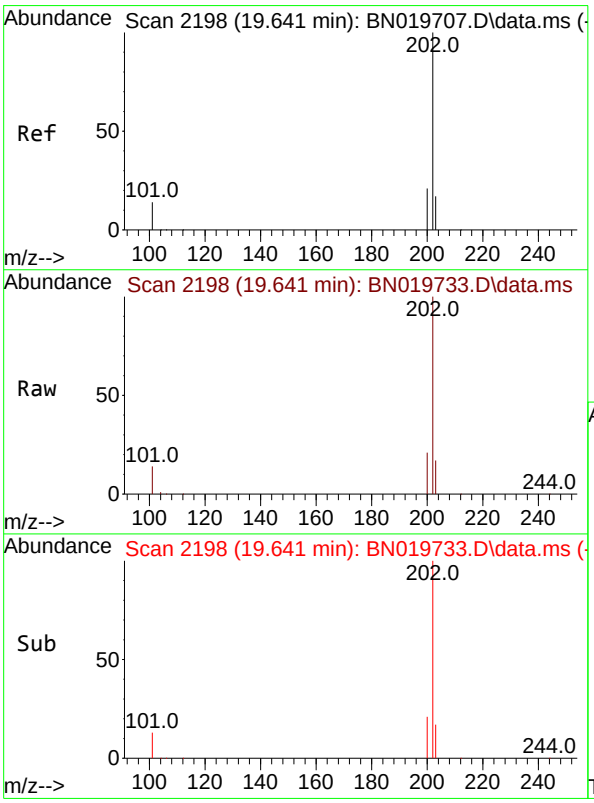
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.404 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN019733.D
Acq: 11 May 2022 22:51

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 15991

Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.0	13.6
236	27.2	22.0	33.0

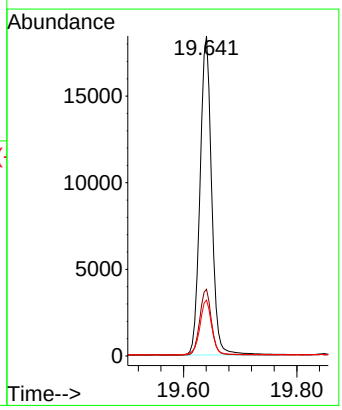


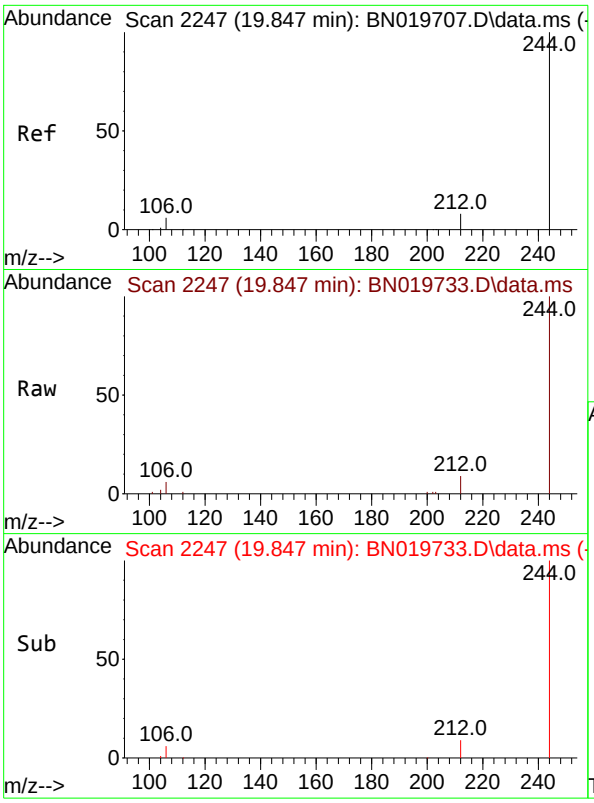


#30
Pyrene
Concen: 0.386 ng
RT: 19.641 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BN019733.D
Acq: 11 May 2022 22:51

Tgt Ion:202 Resp: 26248

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	17.6	14.2	21.2



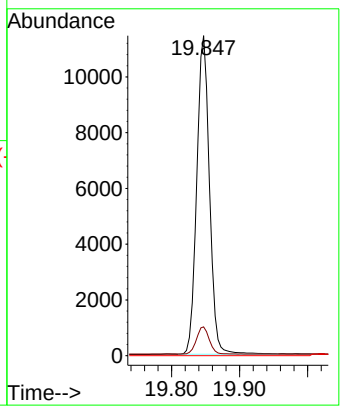


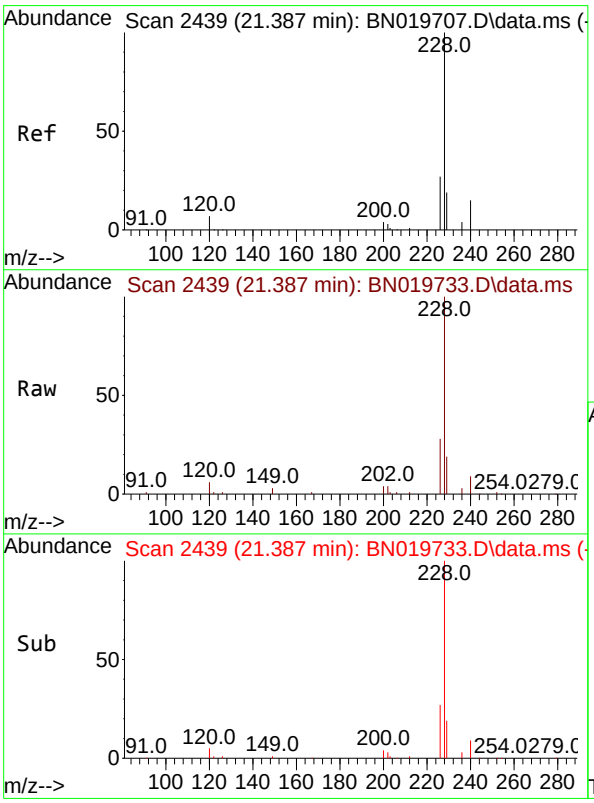
#31
Terphenyl-d14
Concen: 0.401 ng
RT: 19.847 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN019733.D
Acq: 11 May 2022 22:51

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 14902

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.0	10.6
122	0.0	0.0	0.0

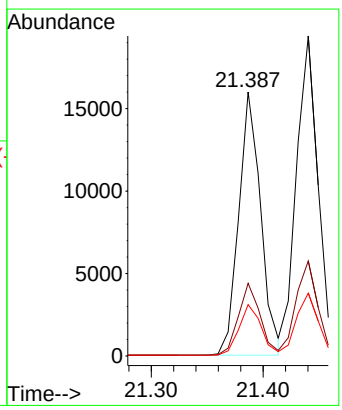


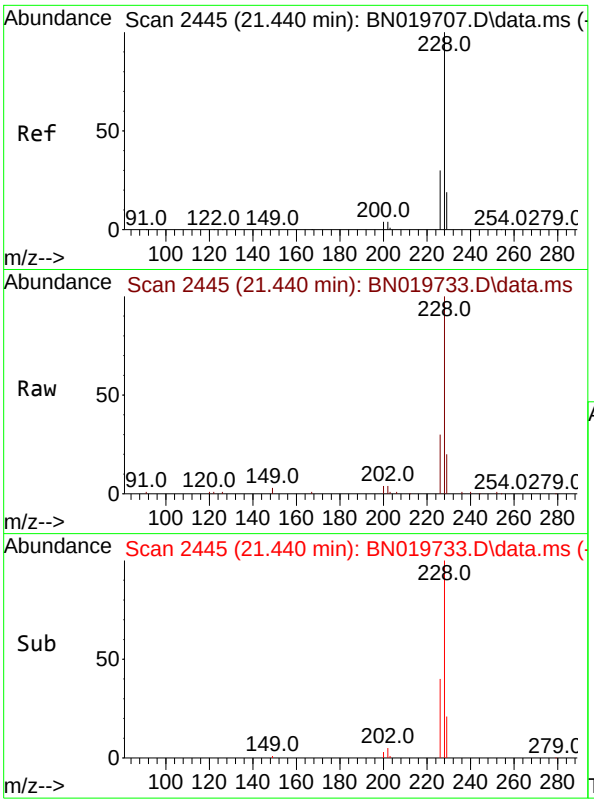


#32
Benzo(a)anthracene
Concen: 0.377 ng
RT: 21.387 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BN019733.D
Acq: 11 May 2022 22:51

Tgt Ion:228 Resp: 21807

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.8	32.8
229	19.4	15.7	23.5



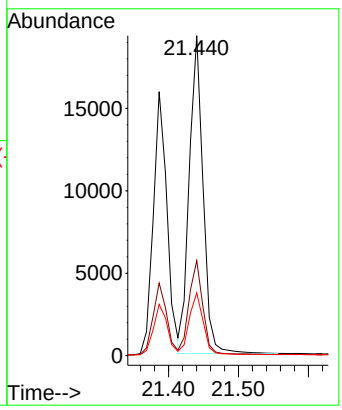


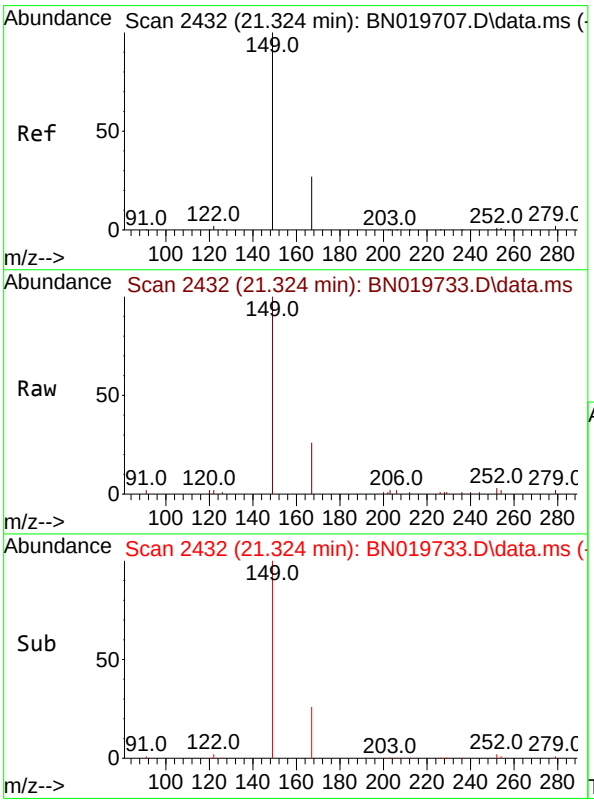
#33
Chrysene
Concen: 0.391 ng
RT: 21.440 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN019733.D
Acq: 11 May 2022 22:51

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 26413

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.0	36.0
229	19.7	15.8	23.6

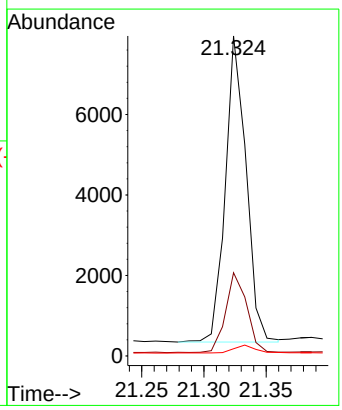


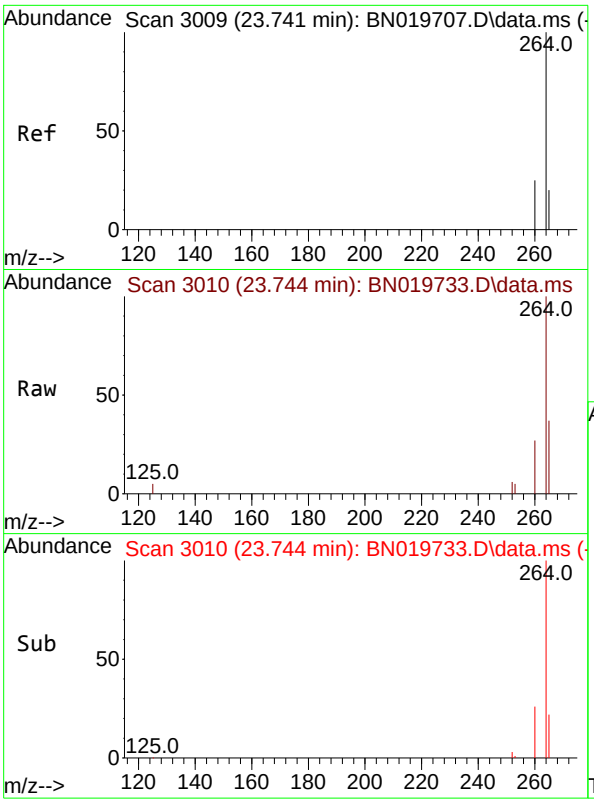


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.338 ng
RT: 21.324 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BN019733.D
Acq: 11 May 2022 22:51

Tgt Ion:149 Resp: 8790

Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.0	31.6
279	2.8	2.2	3.2



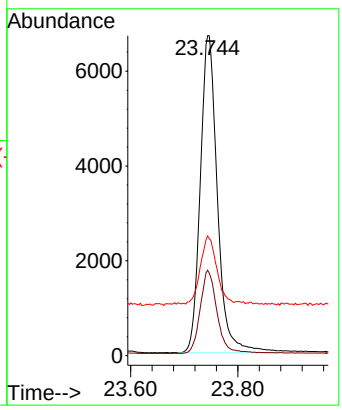


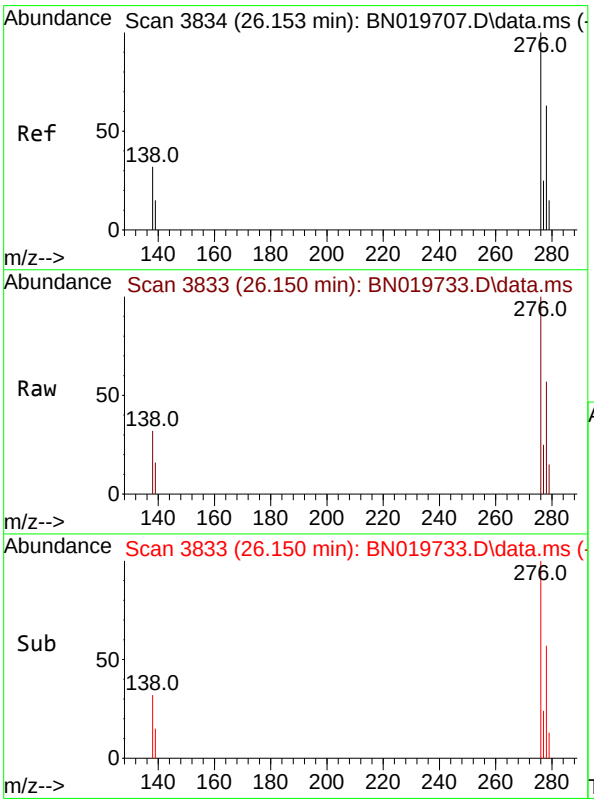
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.744 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN019733.D
Acq: 11 May 2022 22:51

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 14873

Ion	Ratio	Lower	Upper
264	100		
260	26.7	20.8	31.2
265	37.4	35.6	53.4

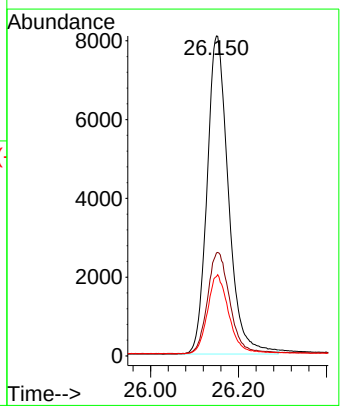


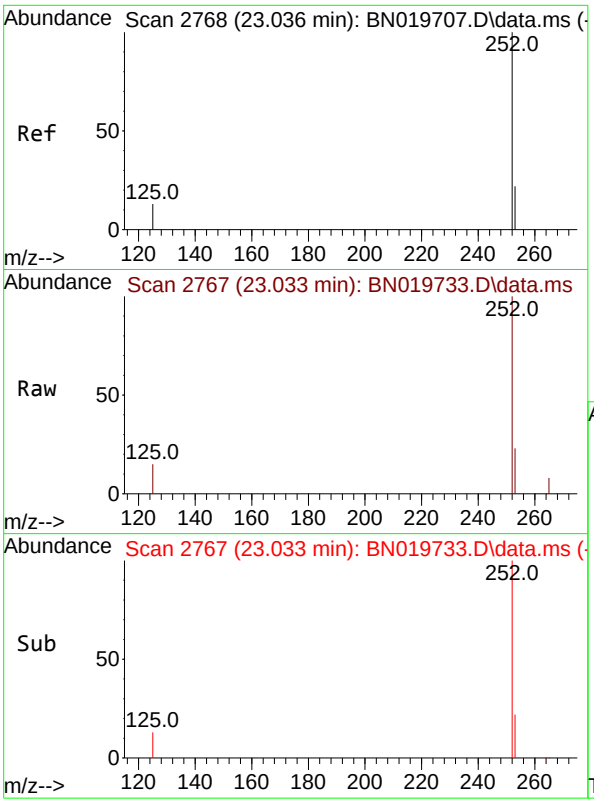


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.362 ng
RT: 26.150 min Scan# 3833
Delta R.T. -0.003 min
Lab File: BN019733.D
Acq: 11 May 2022 22:51

Tgt Ion:276 Resp: 27248

Ion	Ratio	Lower	Upper
276	100		
138	33.5	27.1	40.7
277	24.7	20.0	30.0



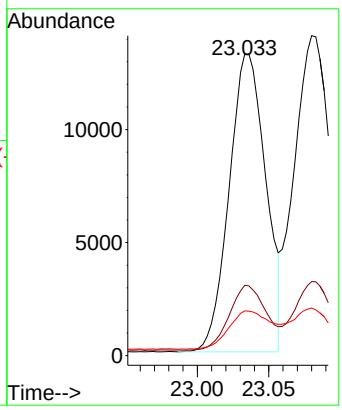


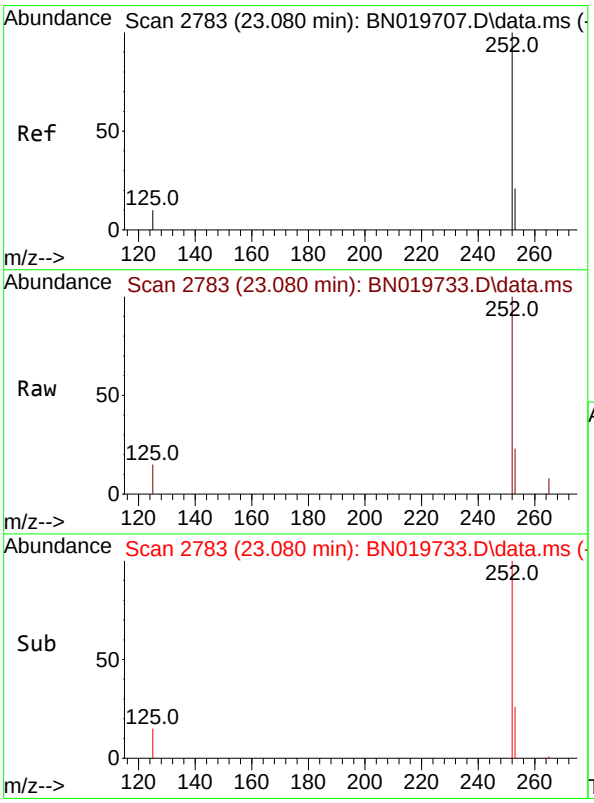
#37
Benzo(b)fluoranthene
Concen: 0.352 ng
RT: 23.033 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN019733.D
Acq: 11 May 2022 22:51

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 23484

Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.0	28.4
125	14.8	12.3	18.5

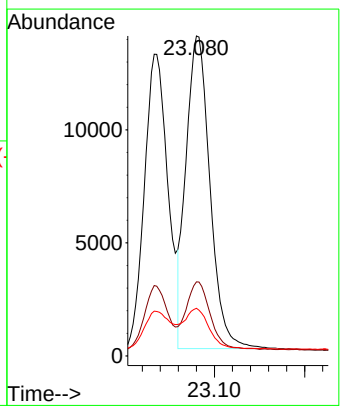


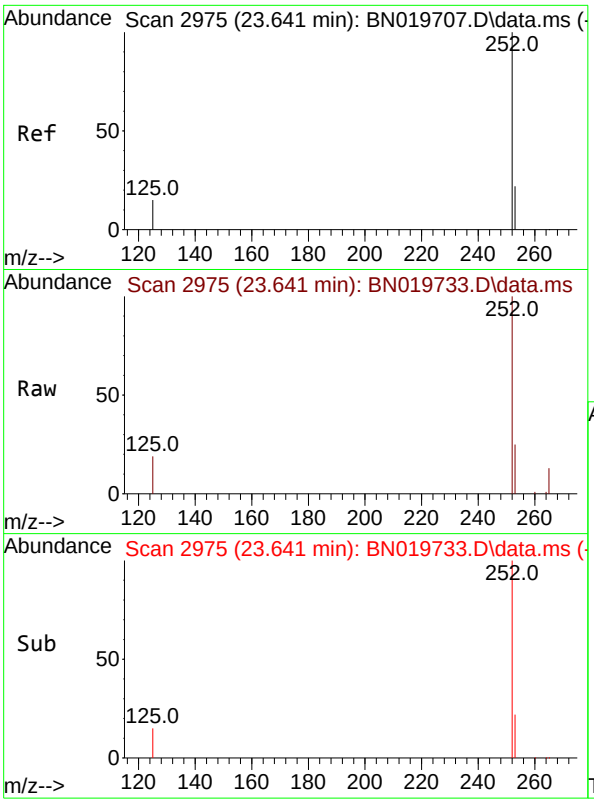


#38
Benzo(k)fluoranthene
Concen: 0.367 ng
RT: 23.080 min Scan# 2783
Delta R.T. 0.000 min
Lab File: BN019733.D
Acq: 11 May 2022 22:51

Tgt Ion:252 Resp: 25443

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.6	27.8
125	14.9	12.3	18.5



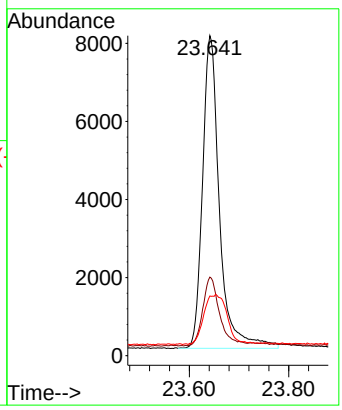


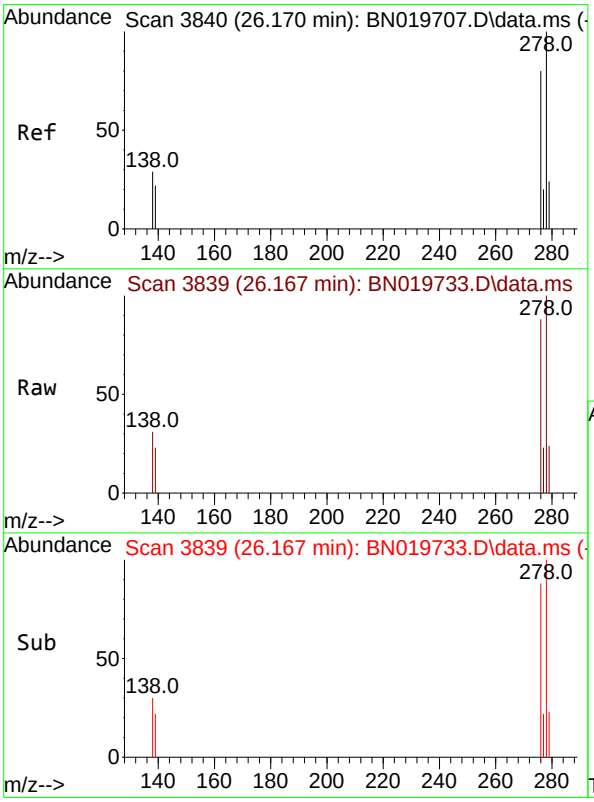
#39
Benzo(a)pyrene
Concen: 0.367 ng
RT: 23.641 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN019733.D
Acq: 11 May 2022 22:51

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 18955

Ion	Ratio	Lower	Upper
252	100		
253	24.6	20.0	30.0
125	18.6	15.5	23.3

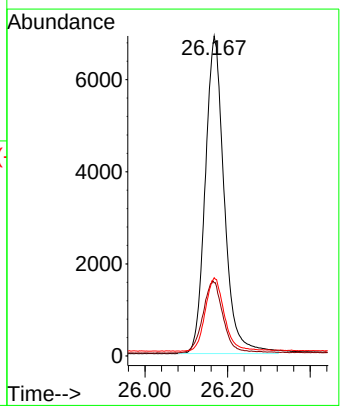


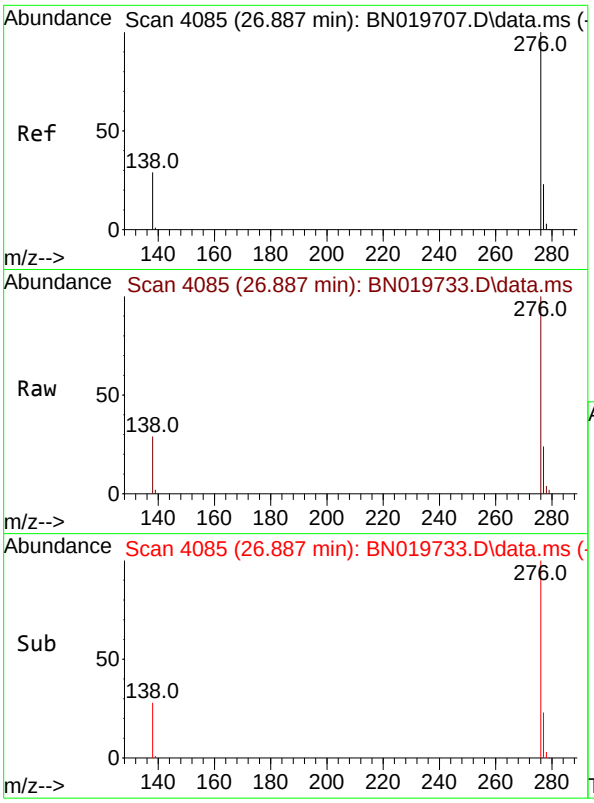


#40
Dibenzo(a,h)anthracene
Concen: 0.358 ng
RT: 26.167 min Scan# 3839
Delta R.T. -0.003 min
Lab File: BN019733.D
Acq: 11 May 2022 22:51

Tgt Ion:278 Resp: 22037

Ion	Ratio	Lower	Upper
278	100		
139	22.9	18.5	27.7
279	24.5	20.2	30.4





#41
Benzo(g,h,i)perylene
Concen: 0.341 ng
RT: 26.887 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN019733.D
Acq: 11 May 2022 22:51

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 21913

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.4	29.0
138	28.8	24.1	36.1