Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050922\
Data File : BN019711.D
Acq On : 09 May 2022 20:16
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: May 10 01:07:17 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 01:02:35 2022
Response via : Initial Calibration

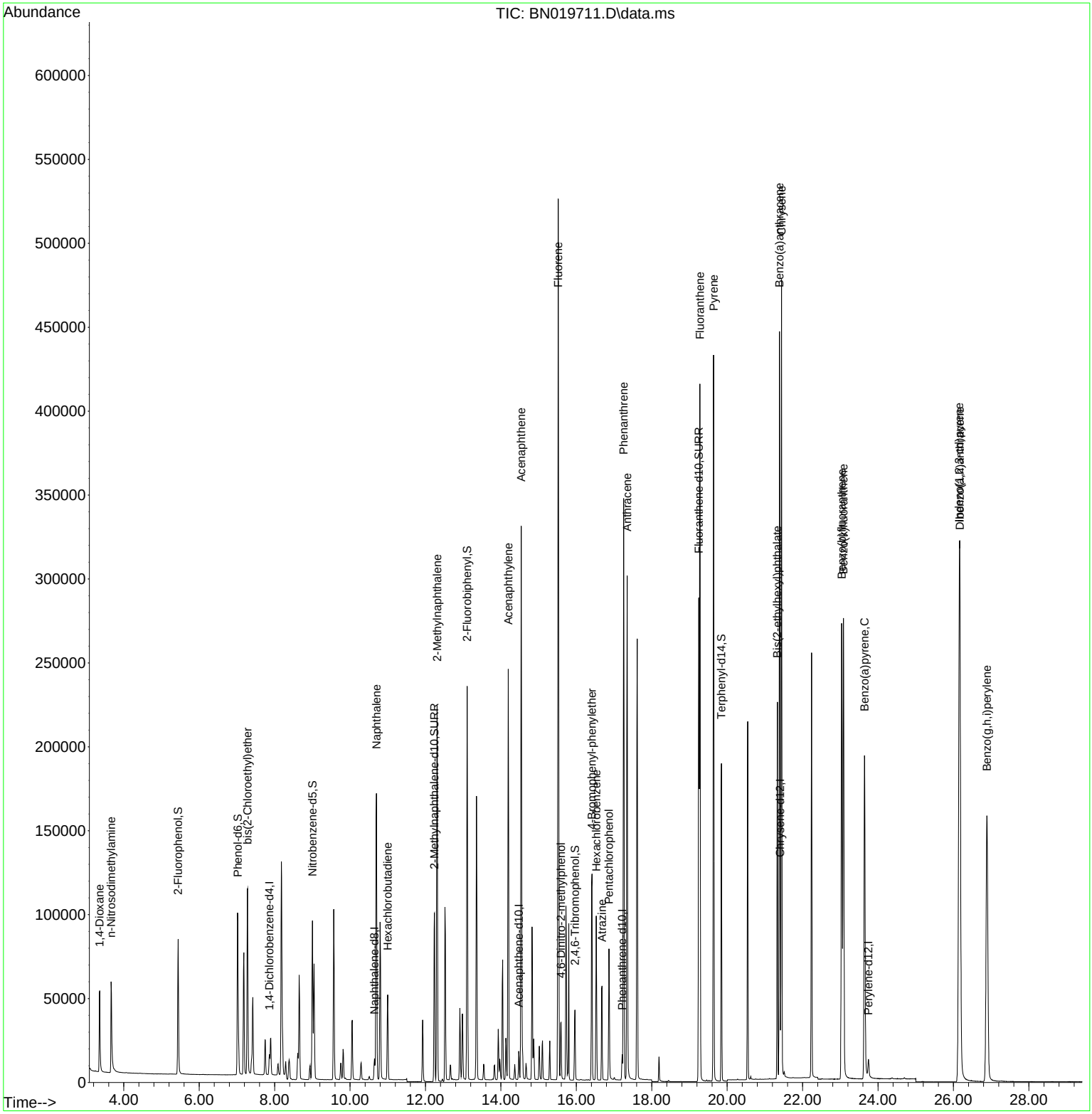
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.862	152	5915	0.400	ng		0.00
7) Naphthalene-d8	10.648	136	16185	0.400	ng		0.00
13) Acenaphthene-d10	14.474	164	9543	0.400	ng		0.00
19) Phenanthrene-d10	17.215	188	19579	0.400	ng		0.00
29) Chrysene-d12	21.404	240	19415	0.400	ng		0.00
35) Perylene-d12	23.747	264	15566	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.442	112	65171	4.722	ng		0.00
5) Phenol-d6	7.024	99	87599	5.177	ng		0.00
8) Nitrobenzene-d5	9.003	82	70506	5.372	ng		0.00
11) 2-Methylnaphthalene-d10	12.234	152	138881	5.264	ng		0.00
14) 2,4,6-Tribromophenol	15.964	330	22475	6.369	ng		0.00
15) 2-Fluorobiphenyl	13.105	172	200804	4.881	ng		0.00
27) Fluoranthene-d10	19.248	212	301509	5.552	ng		0.00
31) Terphenyl-d14	19.847	244	207787	4.569	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.362	88	31465	4.592	ng		96
3) n-Nitrosodimethylamine	3.665	42	39329	5.559	ng	#	94
6) bis(2-Chloroethyl)ether	7.284	93	83483	4.877	ng		99
9) Naphthalene	10.701	128	238912	5.160	ng		99
10) Hexachlorobutadiene	11.000	225	42818	4.798	ng	#	100
12) 2-Methylnaphthalene	12.310	142	162659	5.357	ng		99
16) Acenaphthylene	14.196	152	258670	5.618	ng		99
17) Acenaphthene	14.538	154	170304	5.376	ng		96
18) Fluorene	15.521	166	210233	5.402	ng		100
20) 4,6-Dinitro-2-methylph...	15.596	198	24751	8.313	ng	#	75
21) 4-Bromophenyl-phenylether	16.415	248	64466	5.100	ng		97
22) Hexachlorobenzene	16.528	284	70306	5.015	ng		98
23) Atrazine	16.682	200	48798	6.029	ng	#	91
24) Pentachlorophenol	16.866	266	33776	6.441	ng		99
25) Phenanthrene	17.256	178	345223	5.321	ng		100
26) Anthracene	17.349	178	314667	5.710	ng		100
28) Fluoranthene	19.278	202	389055	5.739	ng		99
30) Pyrene	19.640	202	393279	4.900	ng		100
32) Benzo(a)anthracene	21.386	228	378430	5.500	ng		99
33) Chrysene	21.440	228	386456	5.137	ng		100
34) Bis(2-ethylhexyl)phtha...	21.333	149	190738	5.238	ng		99
36) Indeno(1,2,3-cd)pyrene	26.156	276	403267	5.700	ng		99
37) Benzo(b)fluoranthene	23.036	252	353034	5.488	ng		95
38) Benzo(k)fluoranthene	23.083	252	366554	5.383	ng		95
39) Benzo(a)pyrene	23.641	252	292790	6.000	ng	#	91
40) Dibenzo(a,h)anthracene	26.170	278	325710	5.651	ng		97
41) Benzo(g,h,i)perylene	26.887	276	338944	5.941	ng		98

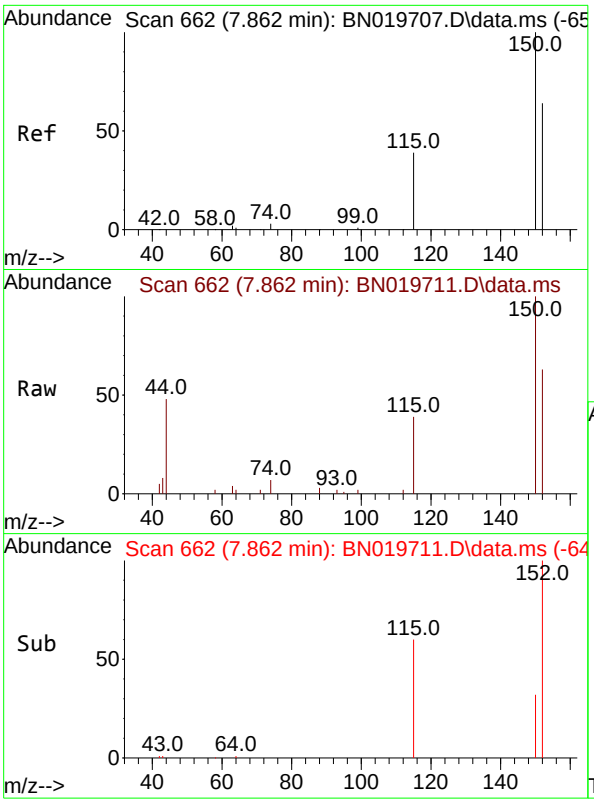
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050922\
Data File : BN019711.D
Acq On : 09 May 2022 20:16
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: May 10 01:07:17 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 01:02:35 2022
Response via : Initial Calibration



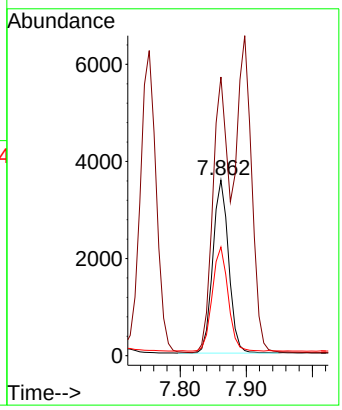


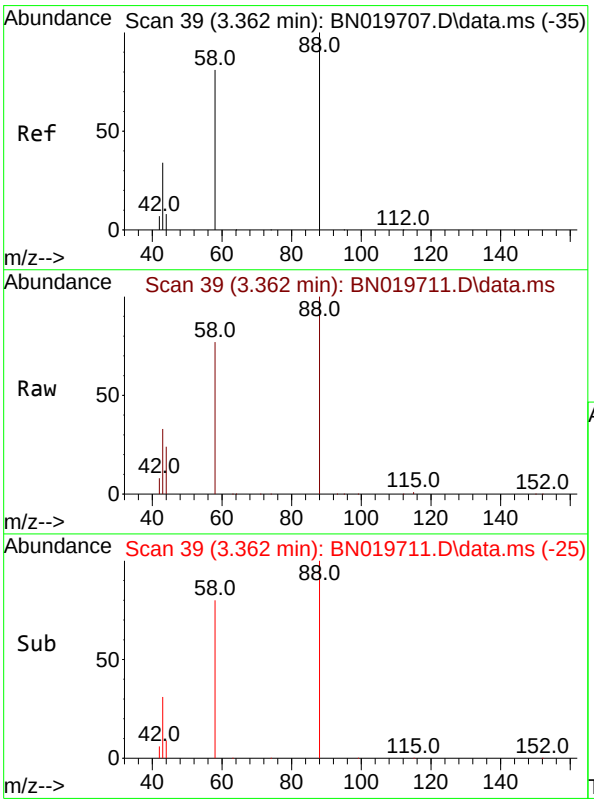
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.862 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN019711.D
Acq: 09 May 2022 20:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 5915

Ion	Ratio	Lower	Upper
152	100		
150	158.8	125.0	187.4
115	61.9	50.6	76.0

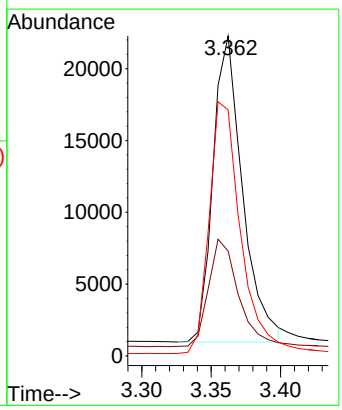


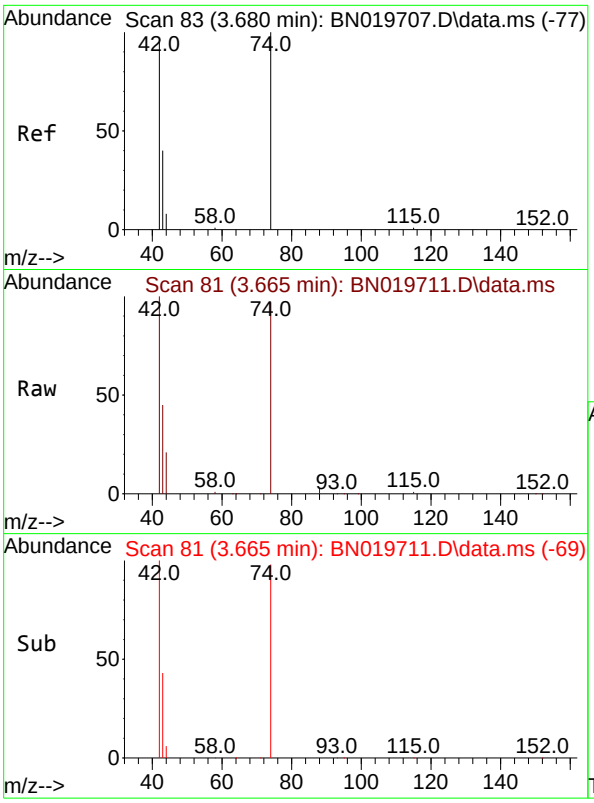


#2
1,4-Dioxane
Concen: 4.592 ng
RT: 3.362 min Scan# 39
Delta R.T. -0.000 min
Lab File: BN019711.D
Acq: 09 May 2022 20:16

Tgt Ion: 88 Resp: 31465

Ion	Ratio	Lower	Upper
88	100		
43	35.7	29.0	43.6
58	86.8	73.1	109.7



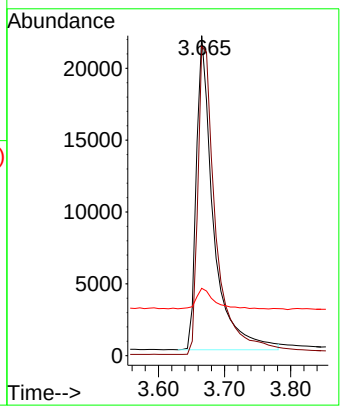


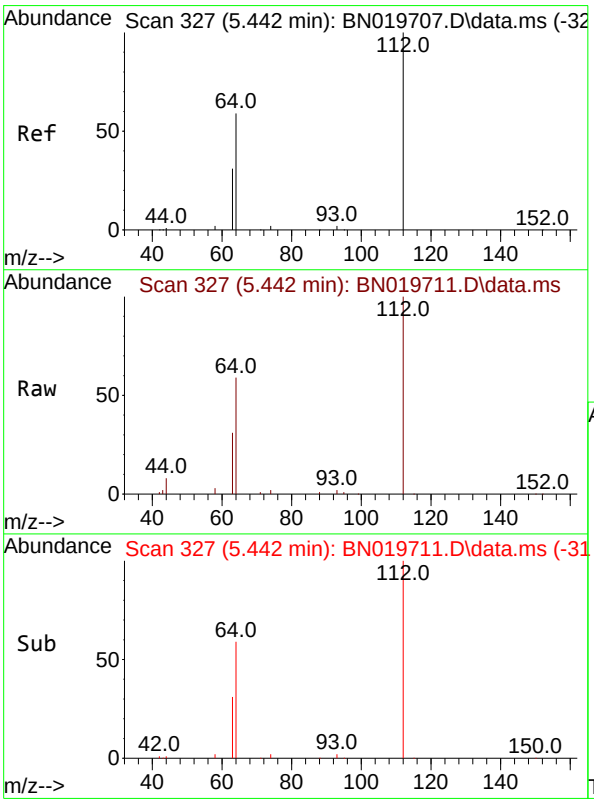
#3
n-Nitrosodimethylamine
Concen: 5.559 ng
RT: 3.665 min Scan# 8
Delta R.T. -0.015 min
Lab File: BN019711.D
Acq: 09 May 2022 20:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion: 42 Resp: 39329

Ion	Ratio	Lower	Upper
42	100		
74	105.2	87.8	131.6
44	6.7	12.5	18.7#

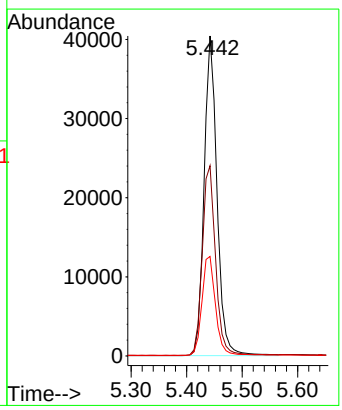


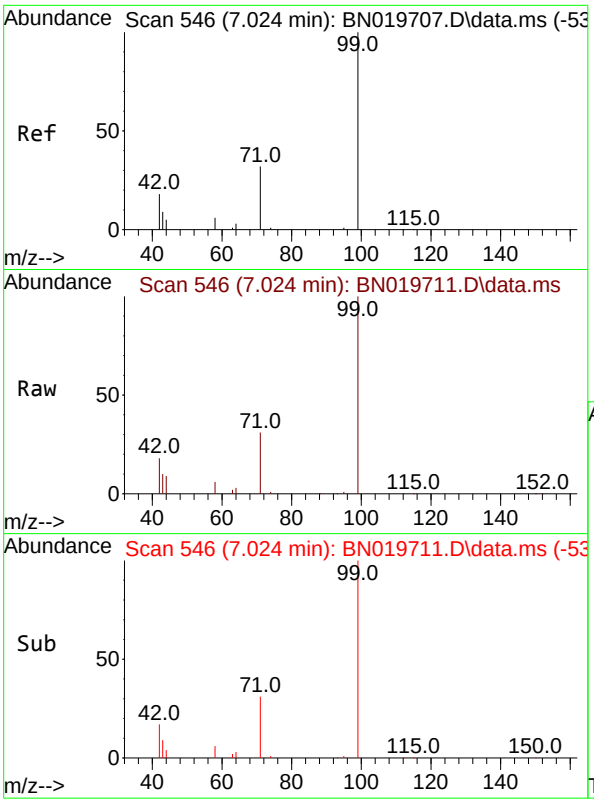


#4
2-Fluorophenol
Concen: 4.722 ng
RT: 5.442 min Scan# 327
Delta R.T. -0.000 min
Lab File: BN019711.D
Acq: 09 May 2022 20:16

Tgt Ion:112 Resp: 65171

Ion	Ratio	Lower	Upper
112	100		
64	61.5	49.1	73.7
63	32.7	26.4	39.6



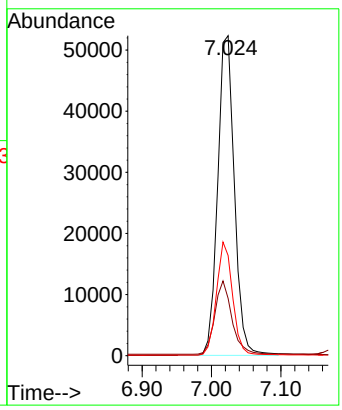


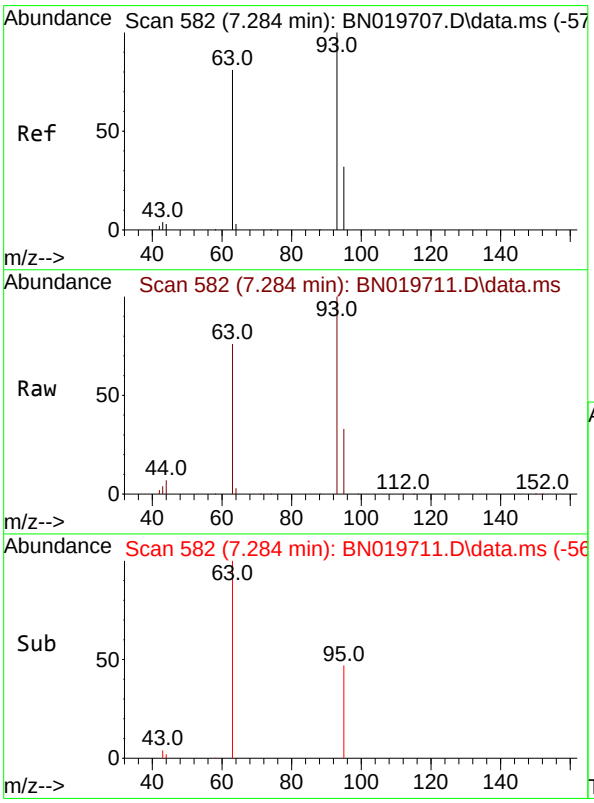
#5
Phenol-d6
Concen: 5.177 ng
RT: 7.024 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN019711.D
Acq: 09 May 2022 20:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion: 99 Resp: 87599

Ion	Ratio	Lower	Upper
99	100		
42	23.4	19.6	29.4
71	34.2	27.3	40.9

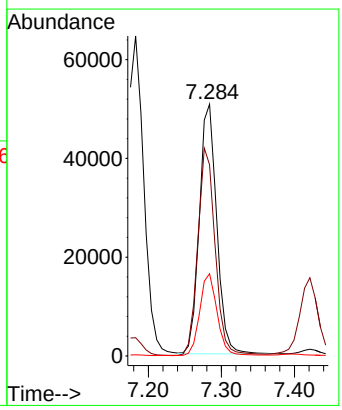


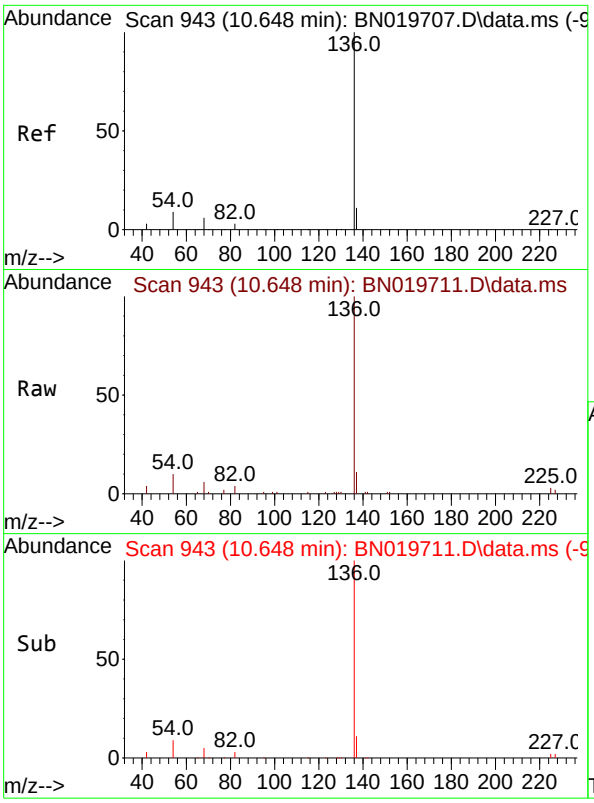


#6
bis(2-Chloroethyl)ether
Concen: 4.877 ng
RT: 7.284 min Scan# 582
Delta R.T. -0.000 min
Lab File: BN019711.D
Acq: 09 May 2022 20:16

Tgt Ion: 93 Resp: 83483

Ion	Ratio	Lower	Upper
93	100		
63	83.0	66.8	100.2
95	32.8	26.6	40.0



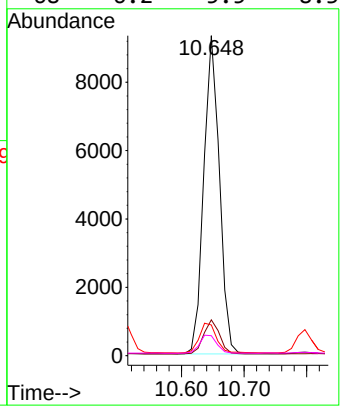


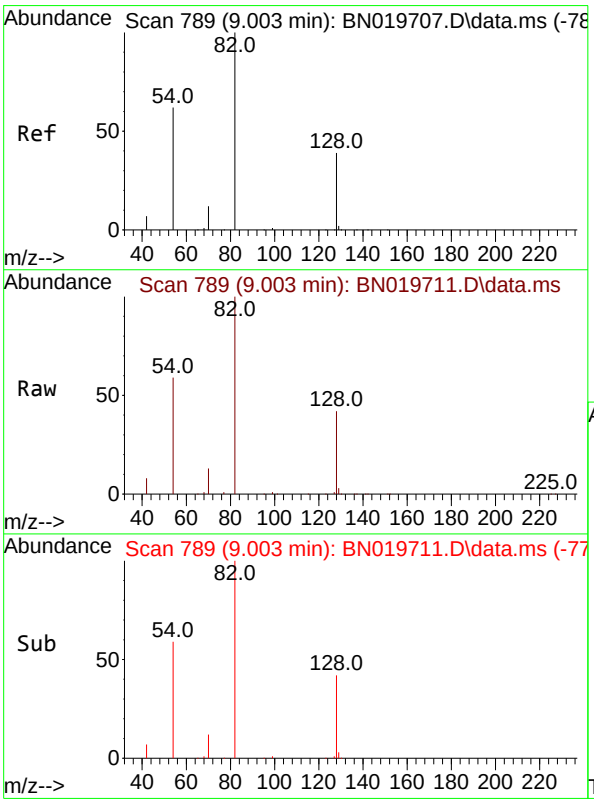
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN019711.D
Acq: 09 May 2022 20:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:136 Resp: 16185

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	9.6	8.2	12.4
68	6.2	5.5	8.3

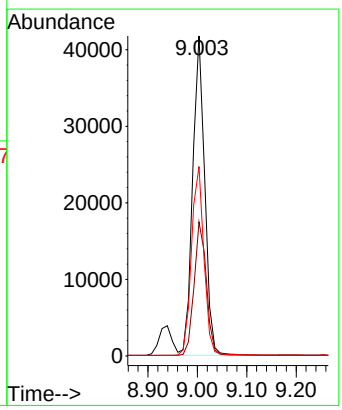


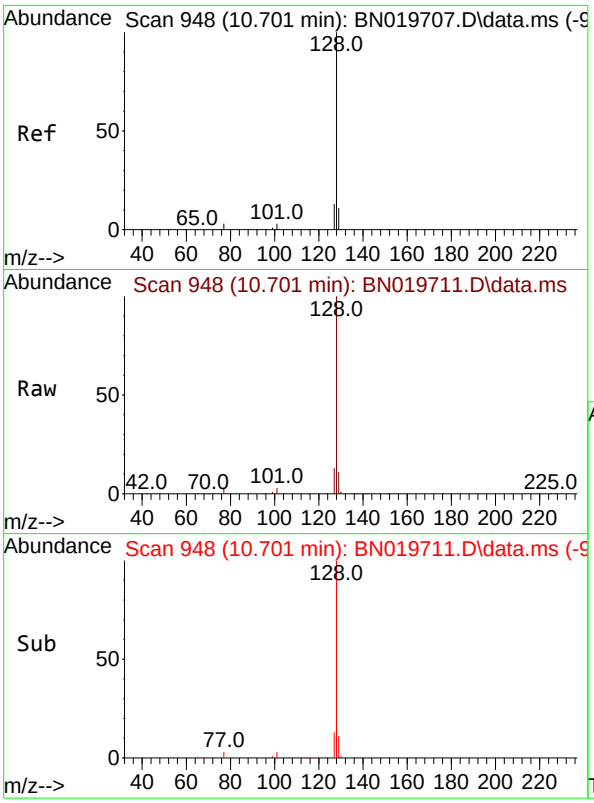


#8
Nitrobenzene-d5
Concen: 5.372 ng
RT: 9.003 min Scan# 789
Delta R.T. -0.000 min
Lab File: BN019711.D
Acq: 09 May 2022 20:16

Tgt Ion: 82 Resp: 70506

Ion	Ratio	Lower	Upper
82	100		
128	41.9	32.4	48.6
54	59.2	50.7	76.1



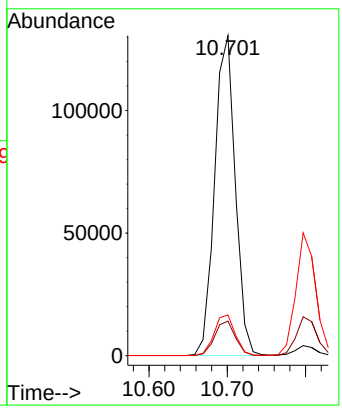


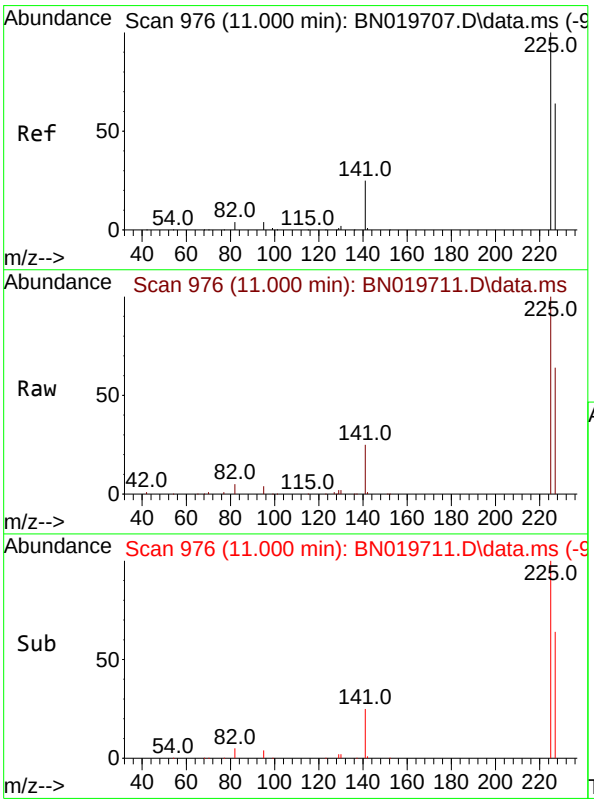
#9
Naphthalene
Concen: 5.160 ng
RT: 10.701 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN019711.D
Acq: 09 May 2022 20:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:128 Resp: 238912

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.6
127	12.8	10.7	16.1

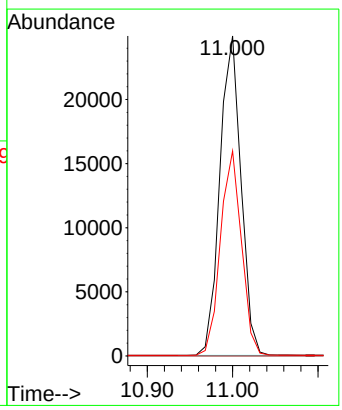


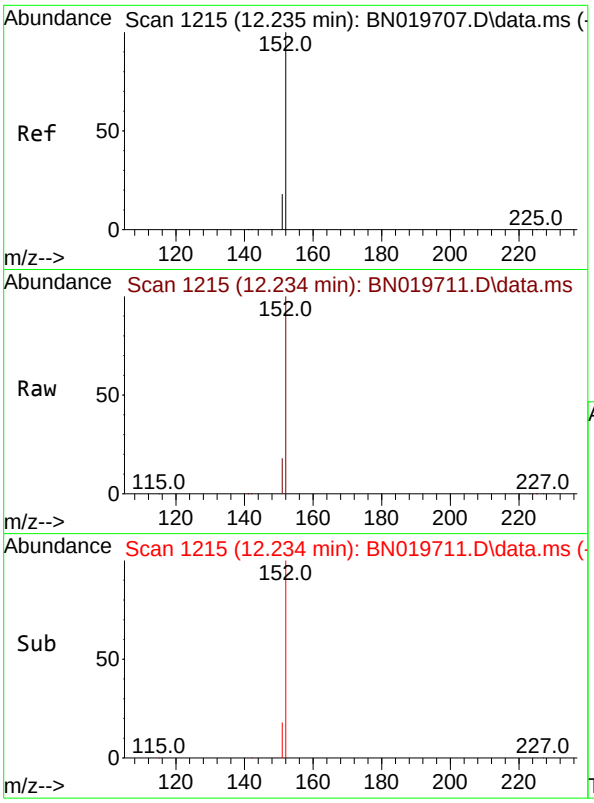


#10
Hexachlorobutadiene
Concen: 4.798 ng
RT: 11.000 min Scan# 976
Delta R.T. -0.000 min
Lab File: BN019711.D
Acq: 09 May 2022 20:16

Tgt Ion:225 Resp: 42818

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



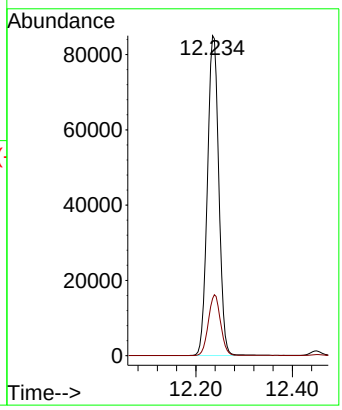


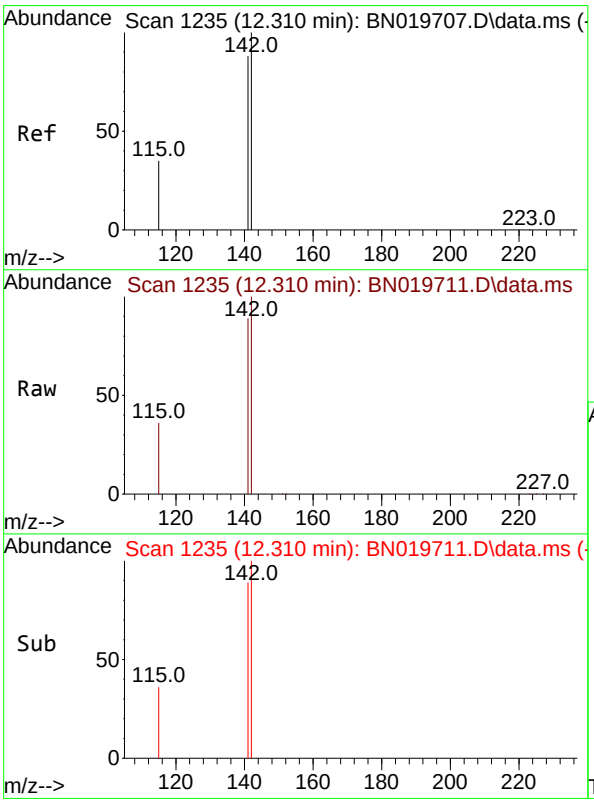
#11
2-Methylnaphthalene-d10
Concen: 5.264 ng
RT: 12.234 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019711.D
Acq: 09 May 2022 20:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 138881

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.4	24.6

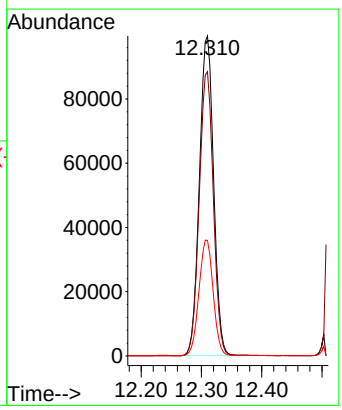


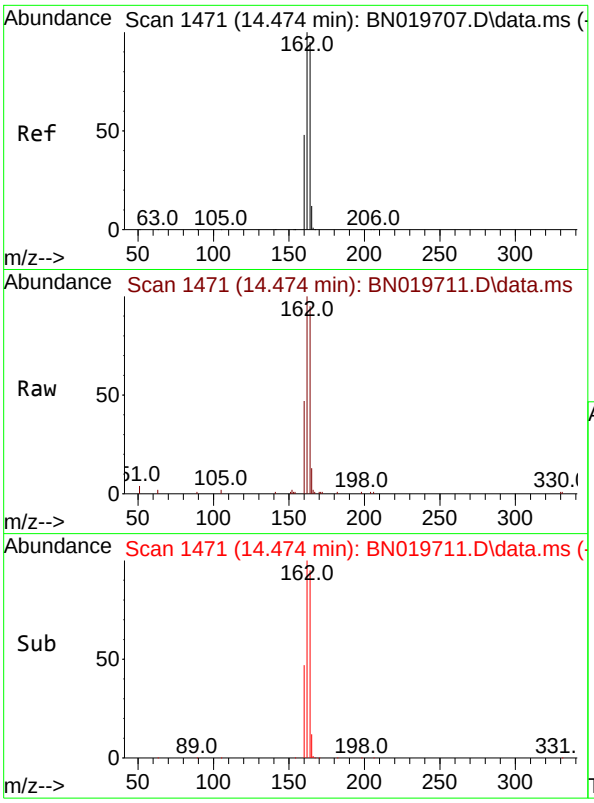


#12
2-Methylnaphthalene
Concen: 5.357 ng
RT: 12.310 min Scan# 1235
Delta R.T. -0.000 min
Lab File: BN019711.D
Acq: 09 May 2022 20:16

Tgt Ion:142 Resp: 162659

Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.1	105.1
115	36.1	28.8	43.2



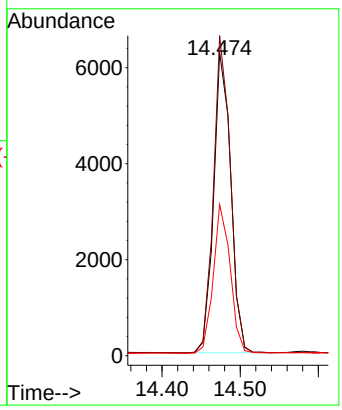


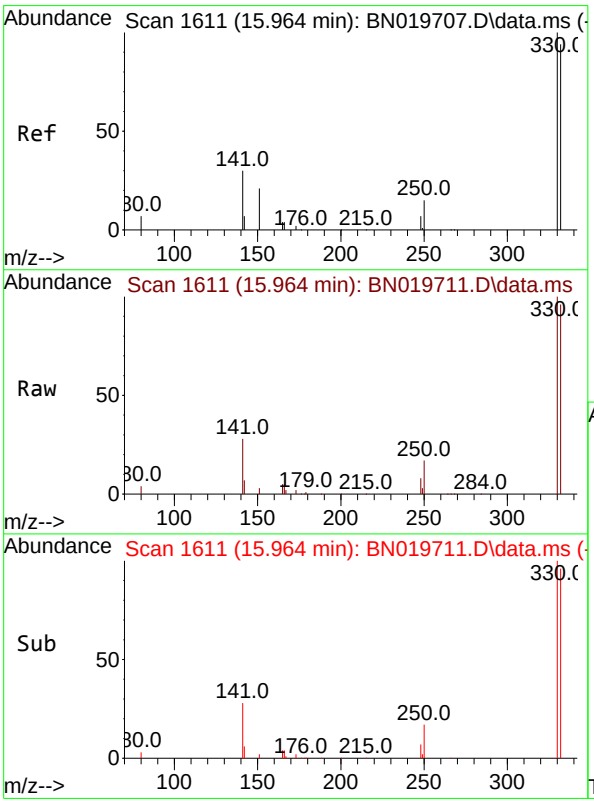
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN019711.D
Acq: 09 May 2022 20:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:164 Resp: 9543

Ion	Ratio	Lower	Upper
164	100		
162	105.5	84.0	126.0
160	49.8	41.1	61.7

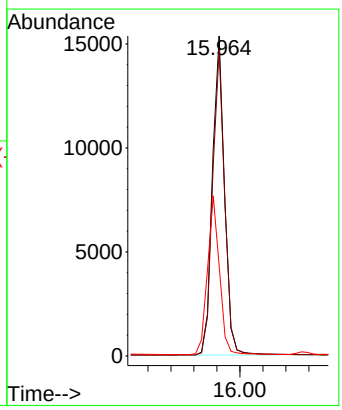


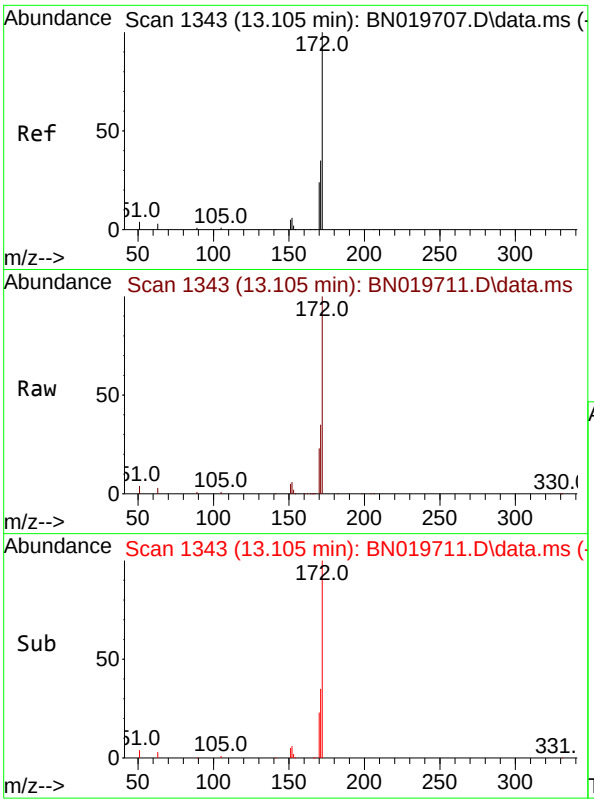


#14
2,4,6-Tribromophenol
Concen: 6.369 ng
RT: 15.964 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BN019711.D
Acq: 09 May 2022 20:16

Tgt Ion:330 Resp: 22475

Ion	Ratio	Lower	Upper
330	100		
332	95.6	75.7	113.5
141	49.2	40.2	60.2



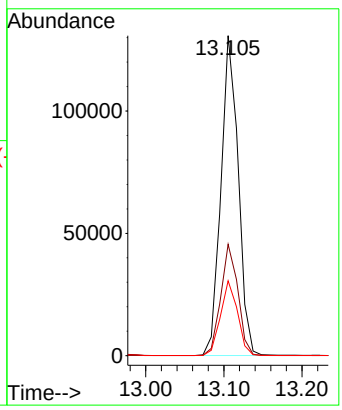


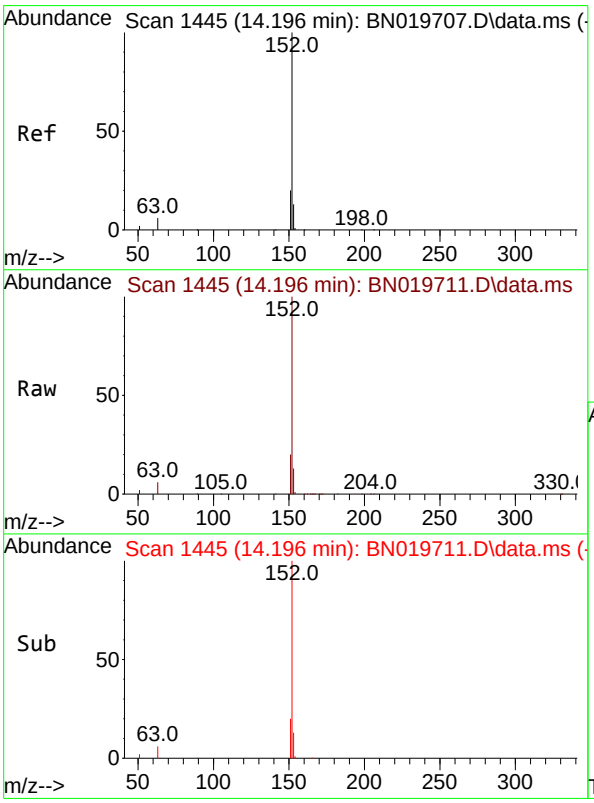
#15
2-Fluorobiphenyl
Concen: 4.881 ng
RT: 13.105 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019711.D
Acq: 09 May 2022 20:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:172 Resp: 200804

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.5	42.7
170	23.4	19.4	29.2

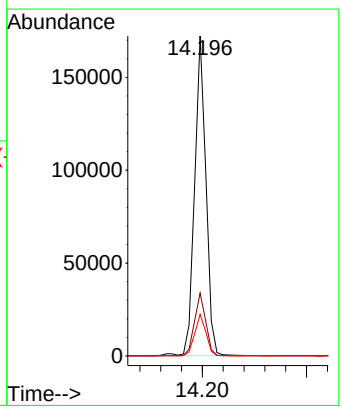


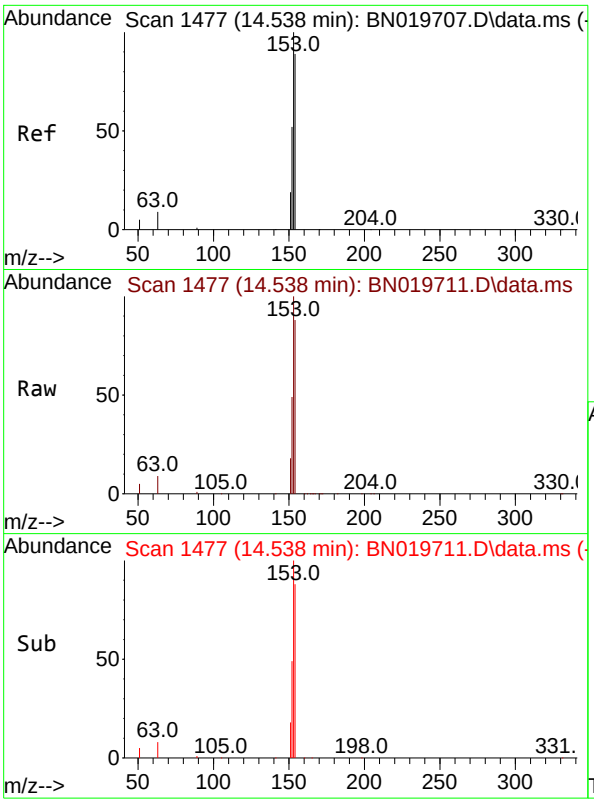


#16
Acenaphthylene
Concen: 5.618 ng
RT: 14.196 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BN019711.D
Acq: 09 May 2022 20:16

Tgt Ion:152 Resp: 258670

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.4	23.2
153	13.2	10.0	15.0



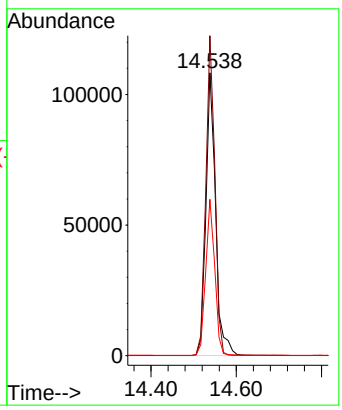


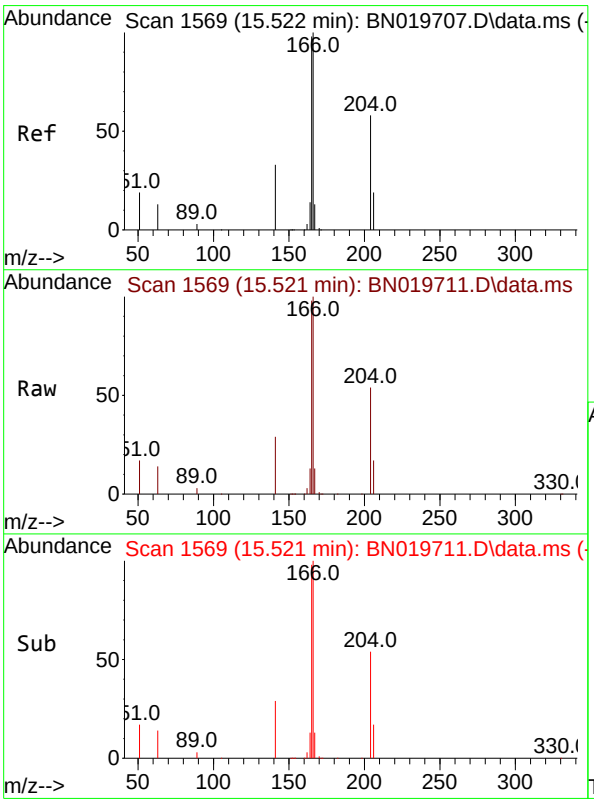
#17
Acenaphthene
Concen: 5.376 ng
RT: 14.538 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN019711.D
Acq: 09 May 2022 20:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:154 Resp: 170304

Ion	Ratio	Lower	Upper
154	100		
153	106.0	87.1	130.7
152	52.2	45.5	68.3

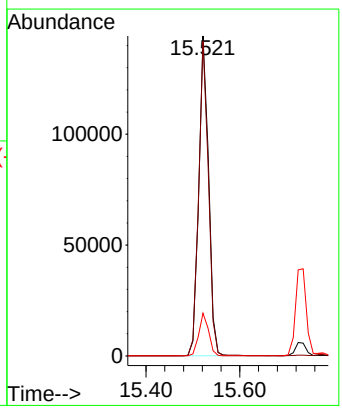


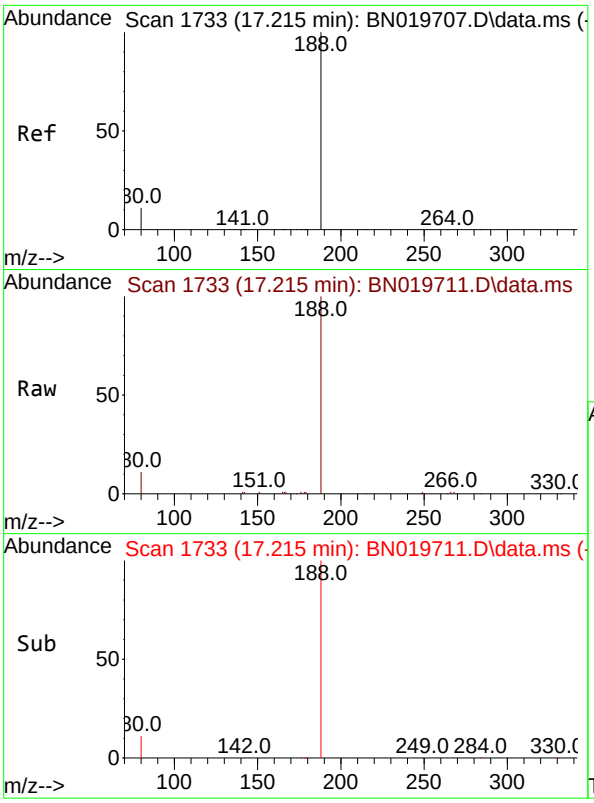


#18
Fluorene
Concen: 5.402 ng
RT: 15.521 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BN019711.D
Acq: 09 May 2022 20:16

Tgt Ion:166 Resp: 210233

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.0	117.0
167	13.4	10.8	16.2



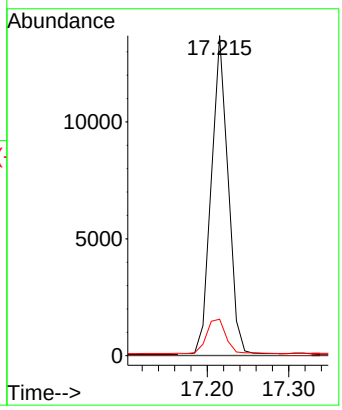


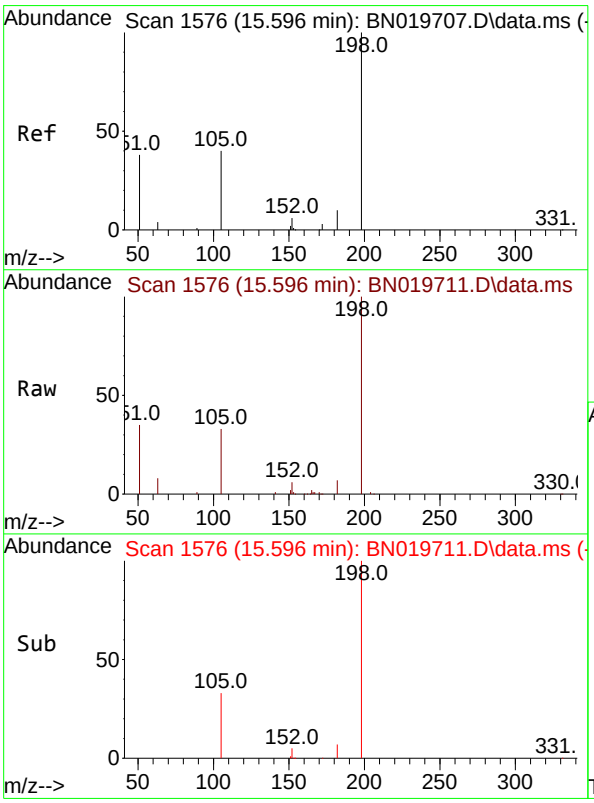
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.215 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019711.D
Acq: 09 May 2022 20:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:188 Resp: 19579

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.4	9.6	14.4

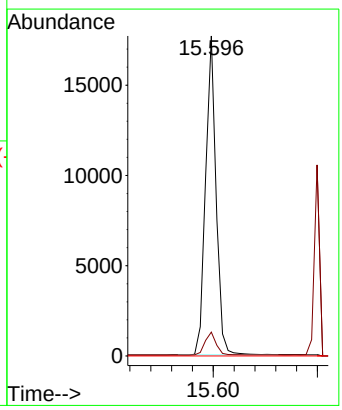


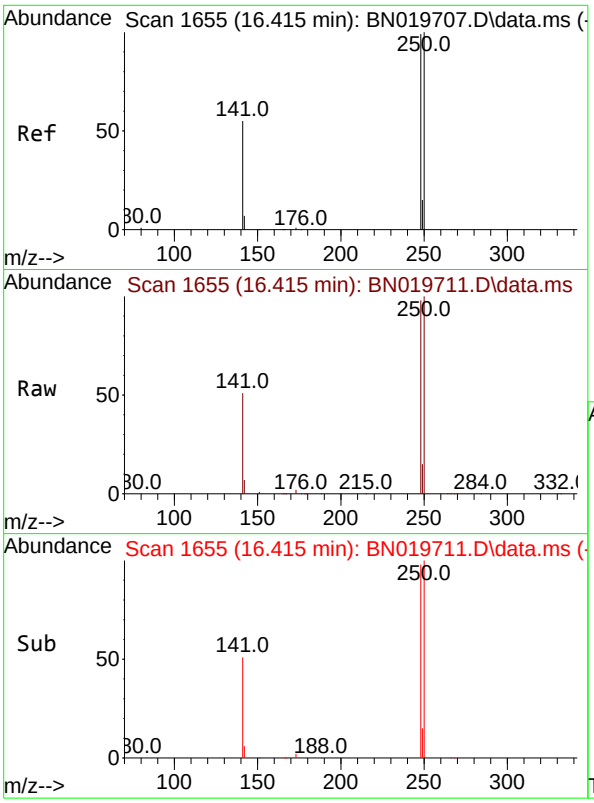


#20
4,6-Dinitro-2-methylphenol
Concen: 8.313 ng
RT: 15.596 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BN019711.D
Acq: 09 May 2022 20:16

Tgt Ion:198 Resp: 24751

Ion	Ratio	Lower	Upper
198	100		
182	7.4	14.9	22.3#
77	0.0	0.0	0.0



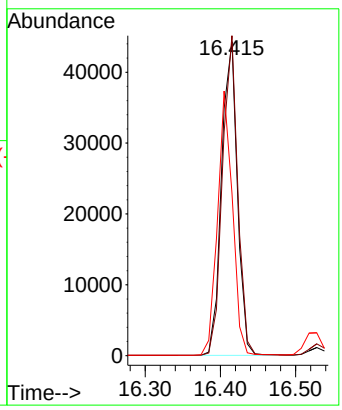


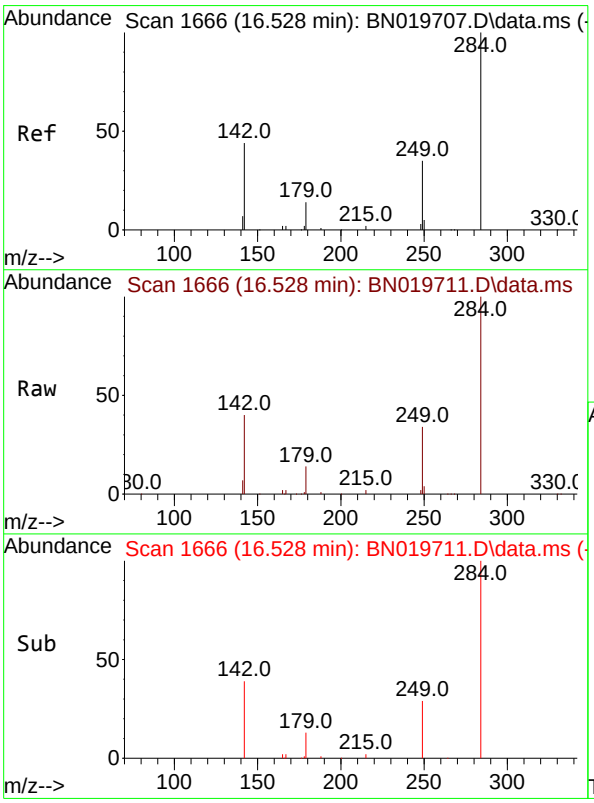
#21
4-Bromophenyl-phenylether
Concen: 5.100 ng
RT: 16.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019711.D
Acq: 09 May 2022 20:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:248 Resp: 64466

Ion	Ratio	Lower	Upper
248	100		
250	101.9	80.6	121.0
141	51.8	45.4	68.2

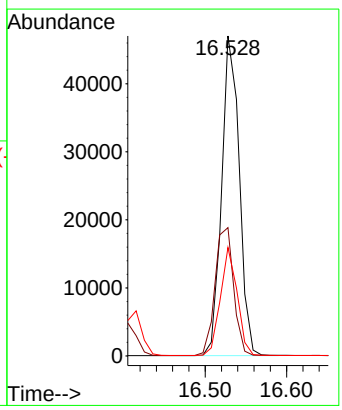


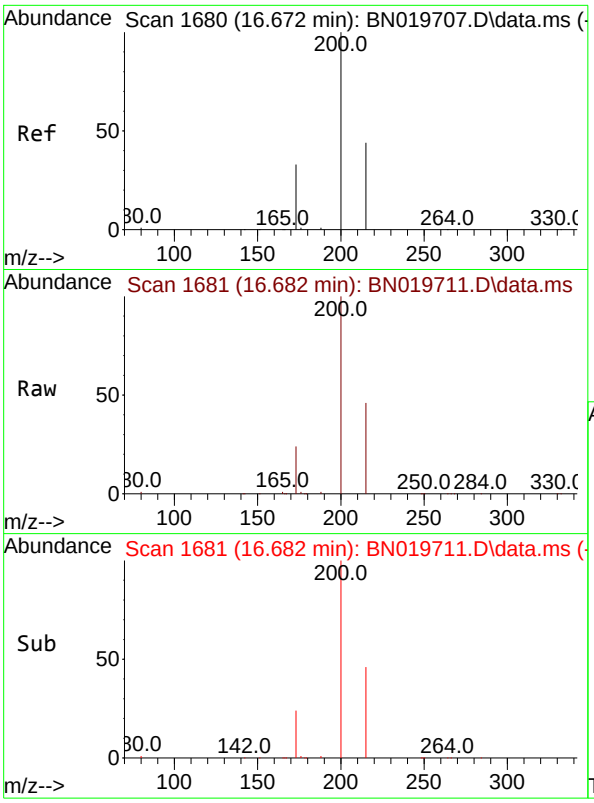


#22
Hexachlorobenzene
Concen: 5.015 ng
RT: 16.528 min Scan# 1666
Delta R.T. -0.000 min
Lab File: BN019711.D
Acq: 09 May 2022 20:16

Tgt Ion:284 Resp: 70306

Ion	Ratio	Lower	Upper
284	100		
142	42.5	35.4	53.2
249	32.3	26.1	39.1



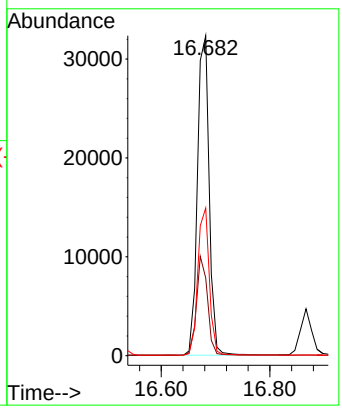


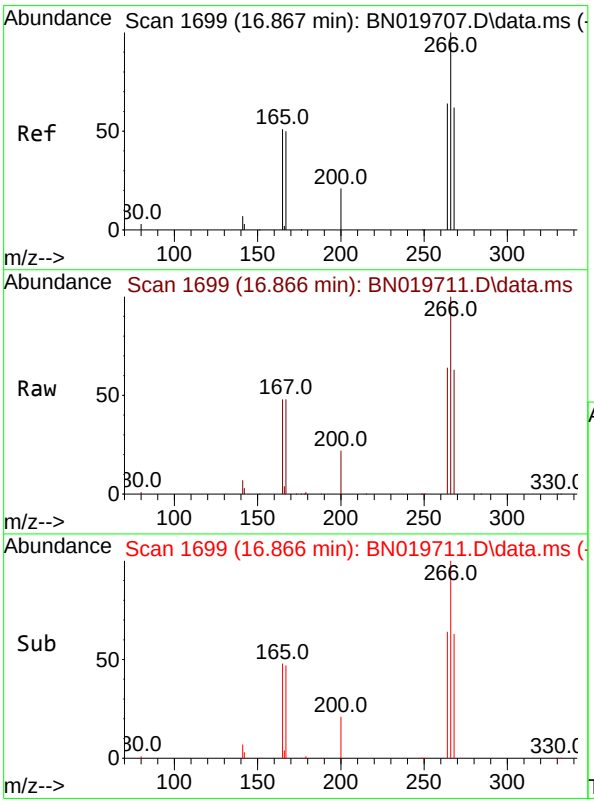
#23
Atrazine
Concen: 6.029 ng
RT: 16.682 min Scan# 1
Delta R.T. 0.010 min
Lab File: BN019711.D
Acq: 09 May 2022 20:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:200 Resp: 48798

Ion	Ratio	Lower	Upper
200	100		
173	24.3	28.4	42.6#
215	46.2	36.3	54.5

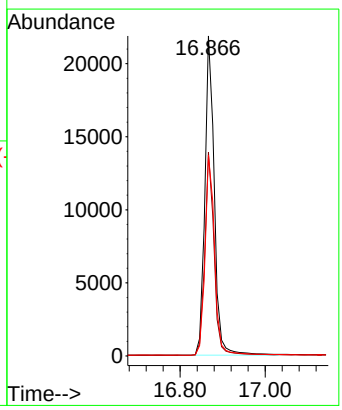


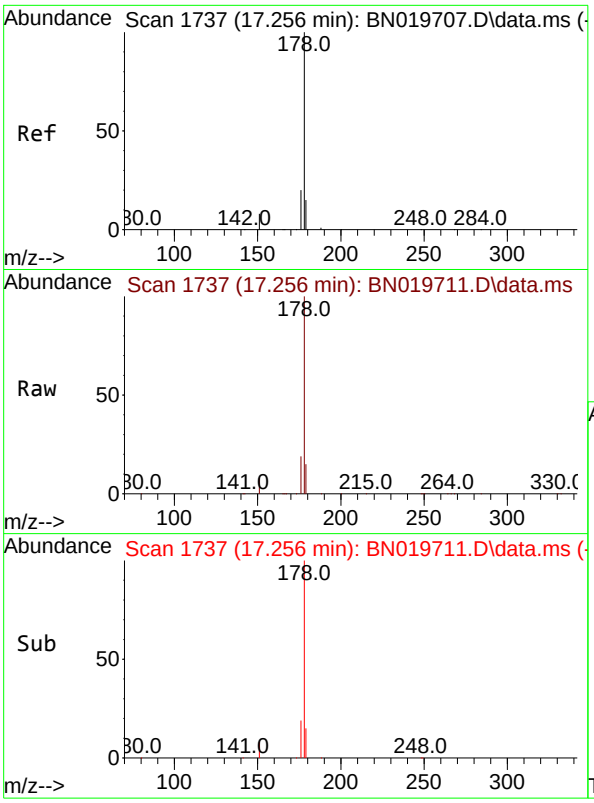


#24
Pentachlorophenol
Concen: 6.441 ng
RT: 16.866 min Scan# 1699
Delta R.T. -0.000 min
Lab File: BN019711.D
Acq: 09 May 2022 20:16

Tgt Ion:266 Resp: 33776

Ion	Ratio	Lower	Upper
266	100		
264	62.7	49.3	73.9
268	63.7	51.3	76.9



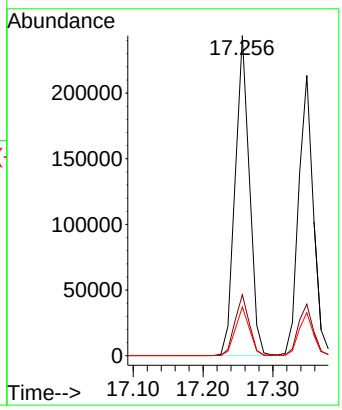


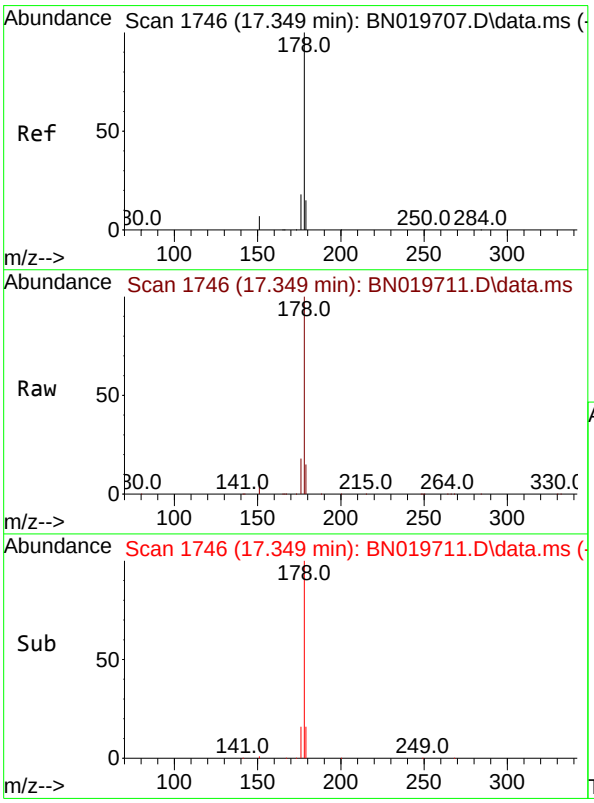
#25
Phenanthrene
Concen: 5.321 ng
RT: 17.256 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019711.D
Acq: 09 May 2022 20:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:178 Resp: 345223

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.1	12.2	18.2

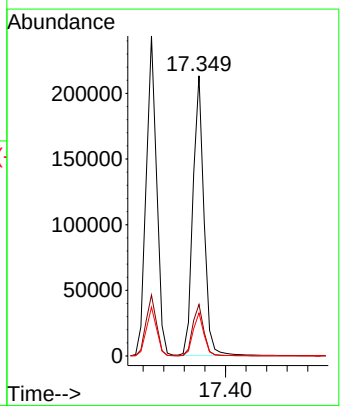


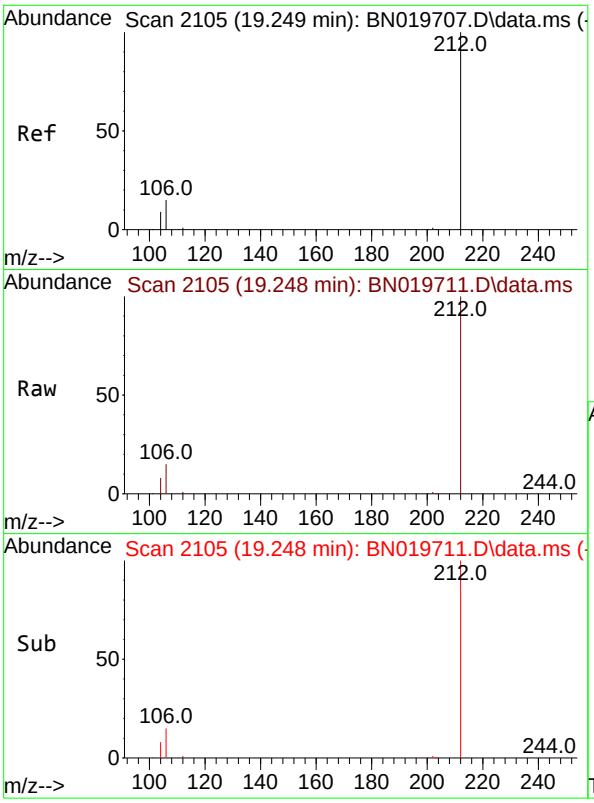


#26
Anthracene
Concen: 5.710 ng
RT: 17.349 min Scan# 1746
Delta R.T. -0.000 min
Lab File: BN019711.D
Acq: 09 May 2022 20:16

Tgt Ion:178 Resp: 314667

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.8	22.2
179	15.2	12.0	18.0



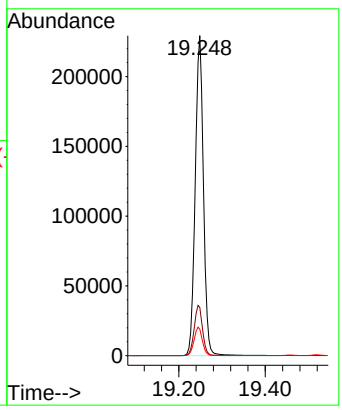


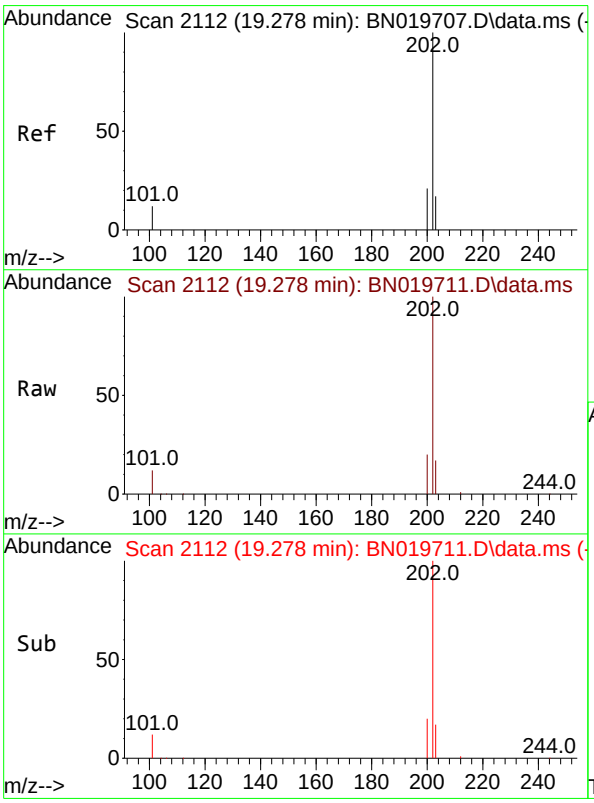
#27
Fluoranthene-d10
Concen: 5.552 ng
RT: 19.248 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN019711.D
Acq: 09 May 2022 20:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:212 Resp: 301509

Ion	Ratio	Lower	Upper
212	100		
106	15.9	13.0	19.4
104	8.9	7.3	10.9

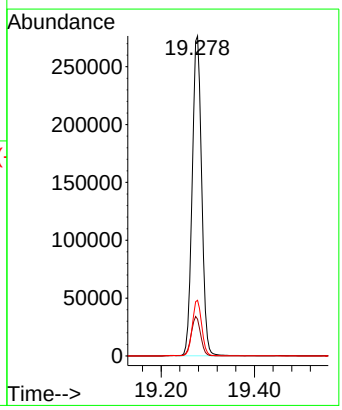


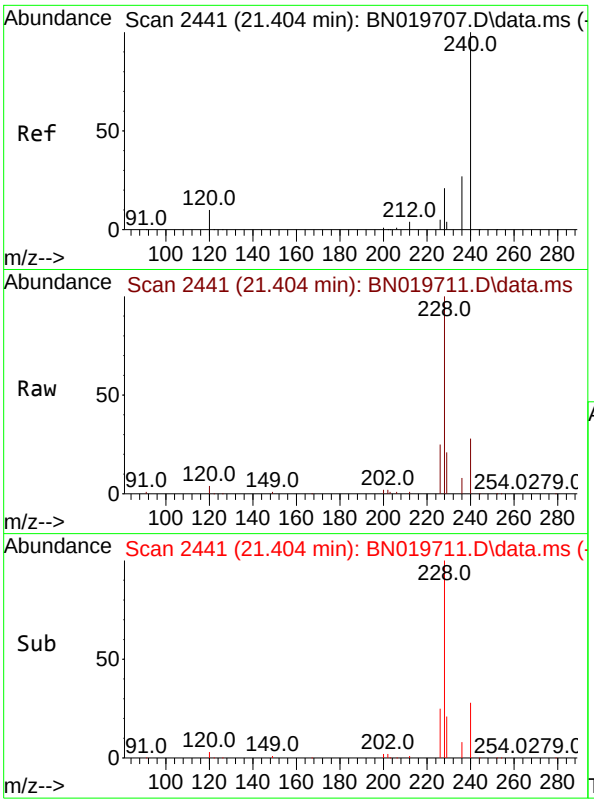


#28
Fluoranthene
Concen: 5.739 ng
RT: 19.278 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BN019711.D
Acq: 09 May 2022 20:16

Tgt Ion:202 Resp: 389055

Ion	Ratio	Lower	Upper
202	100		
101	12.4	10.2	15.2
203	17.3	13.6	20.4



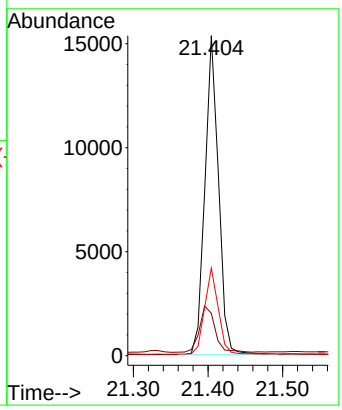


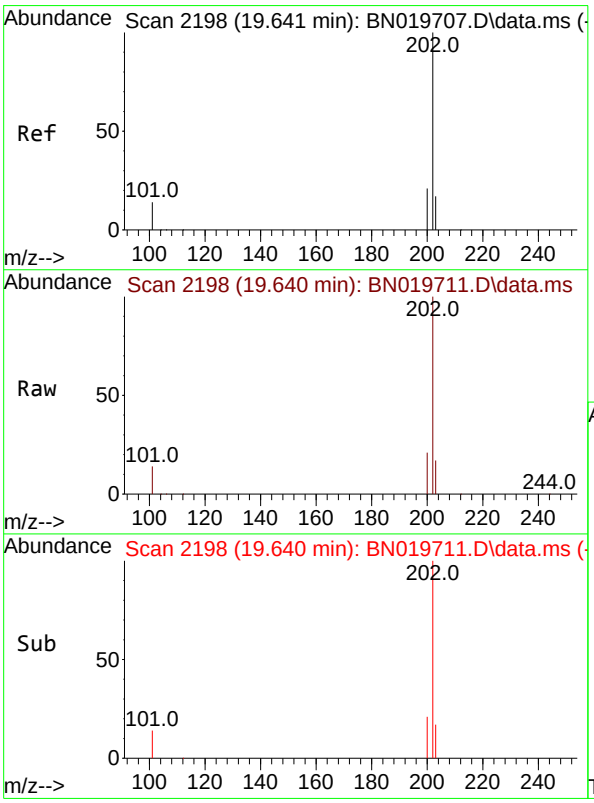
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.404 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN019711.D
Acq: 09 May 2022 20:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:240 Resp: 19415

Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.0	13.6
236	27.4	22.0	33.0

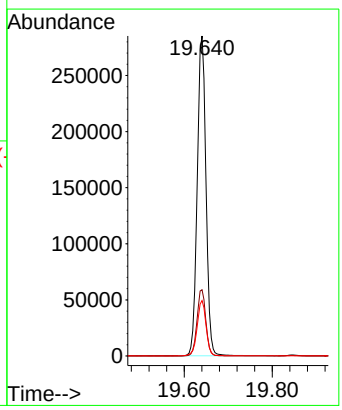


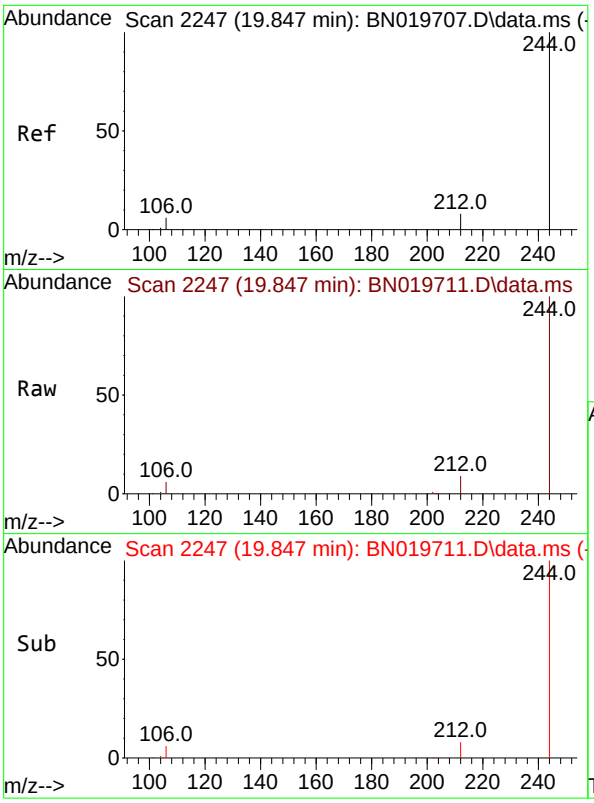


#30
Pyrene
Concen: 4.900 ng
RT: 19.640 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BN019711.D
Acq: 09 May 2022 20:16

Tgt Ion:202 Resp: 393279

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.7	25.1
203	17.6	14.2	21.2



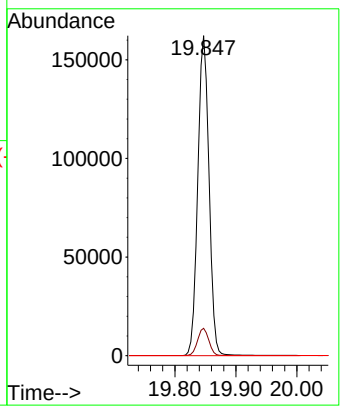


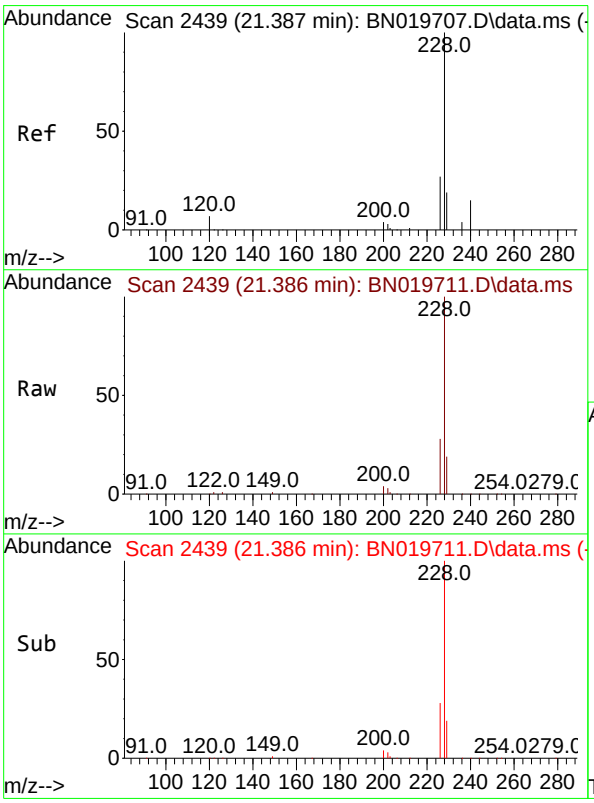
#31
Terphenyl-d14
Concen: 4.569 ng
RT: 19.847 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN019711.D
Acq: 09 May 2022 20:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:244 Resp: 207787

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.6
122	0.0	0.0	0.0

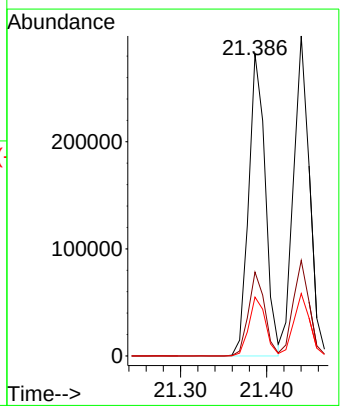


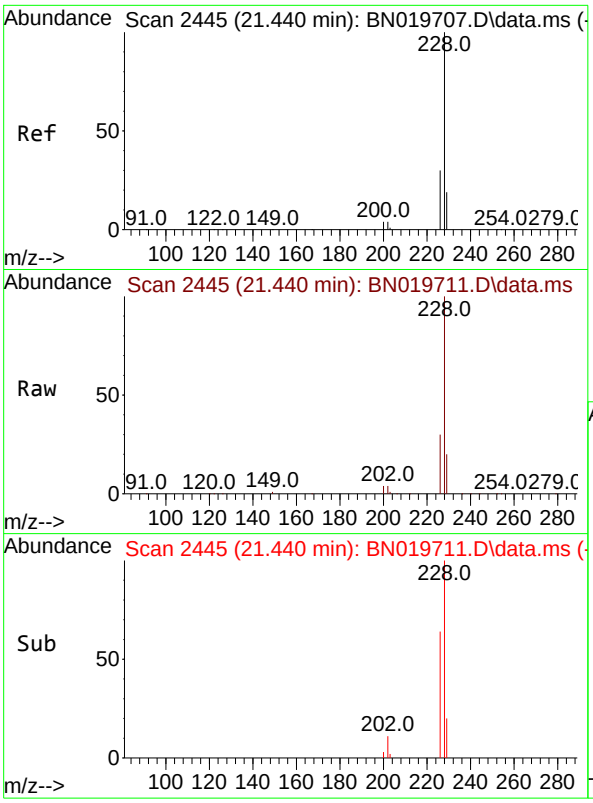


#32
Benzo(a)anthracene
Concen: 5.500 ng
RT: 21.386 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BN019711.D
Acq: 09 May 2022 20:16

Tgt Ion:228 Resp: 378430

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.8	32.8
229	19.5	15.7	23.5



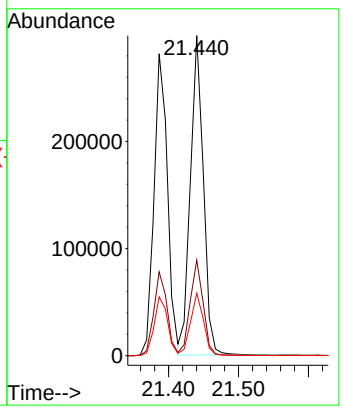


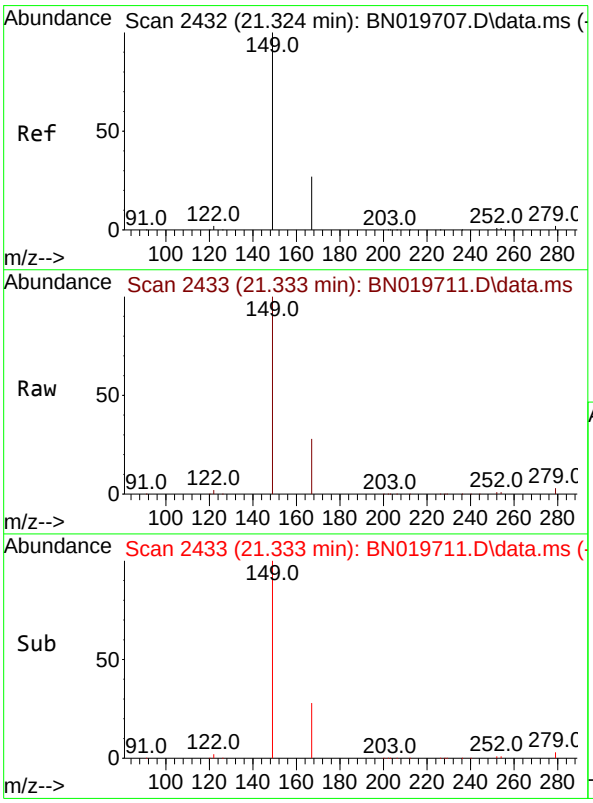
#33
Chrysene
Concen: 5.137 ng
RT: 21.440 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN019711.D
Acq: 09 May 2022 20:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:228 Resp: 386456

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.0	36.0
229	19.5	15.8	23.6

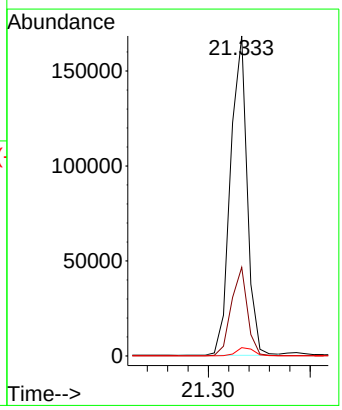


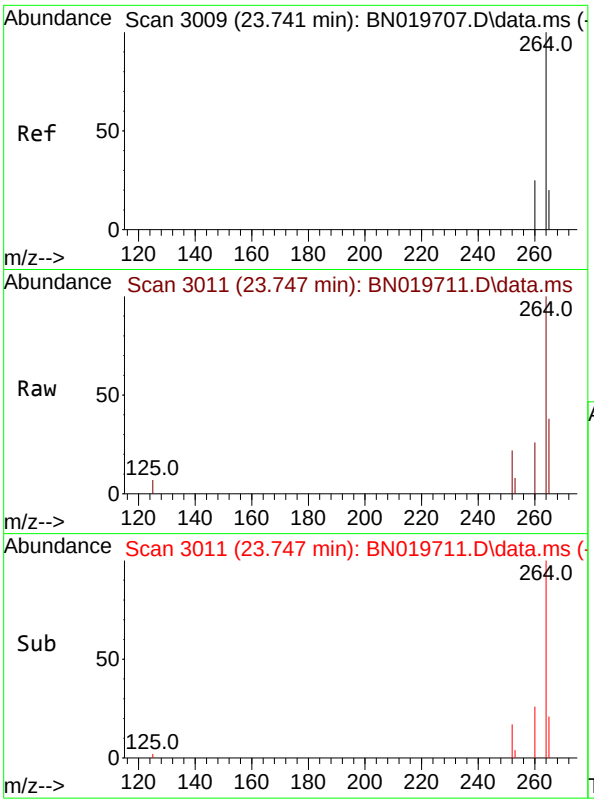


#34
Bis(2-ethylhexyl)phthalate
Concen: 5.238 ng
RT: 21.333 min Scan# 2433
Delta R.T. 0.009 min
Lab File: BN019711.D
Acq: 09 May 2022 20:16

Tgt Ion:149 Resp: 190738

Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.0	31.6
279	2.7	2.2	3.2



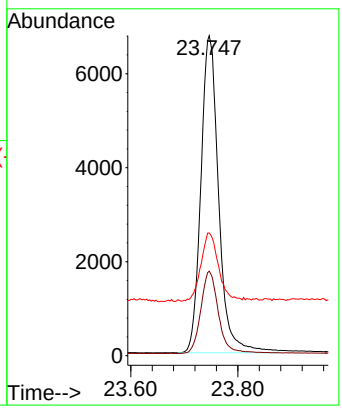


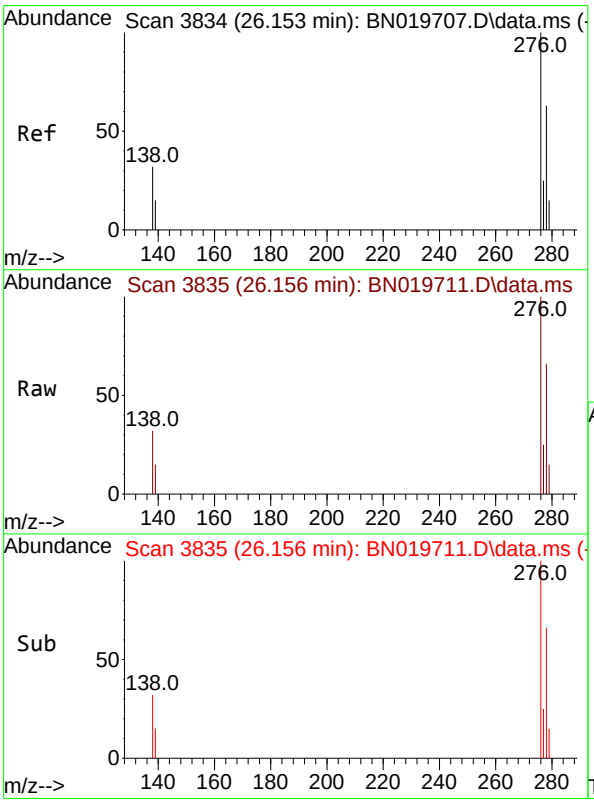
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.747 min Scan# 3
Delta R.T. 0.006 min
Lab File: BN019711.D
Acq: 09 May 2022 20:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:264 Resp: 15566

Ion	Ratio	Lower	Upper
264	100		
260	26.4	20.8	31.2
265	38.3	35.6	53.4

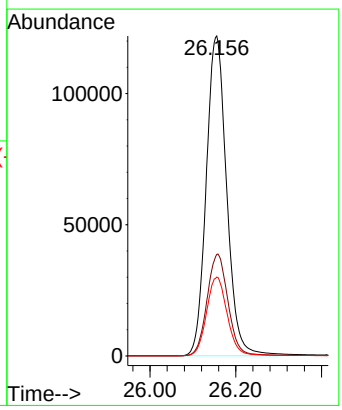


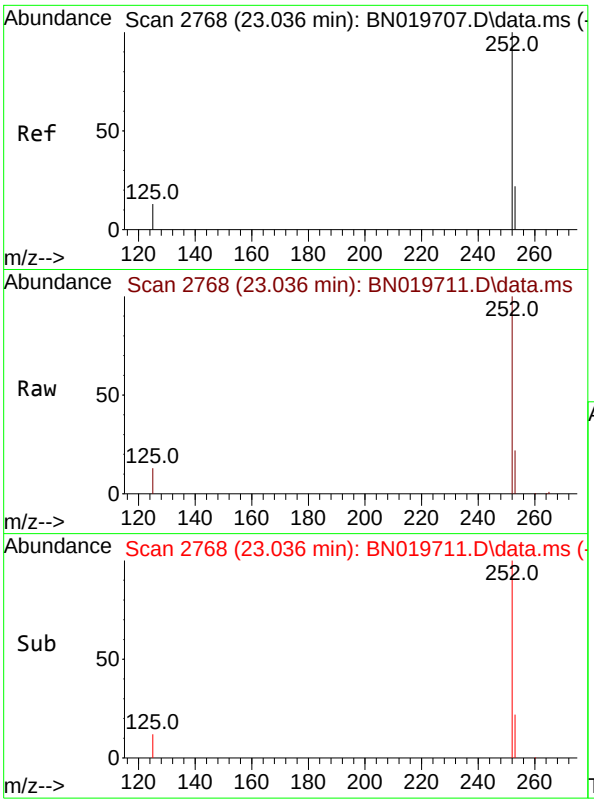


#36
Indeno(1,2,3-cd)pyrene
Concen: 5.700 ng
RT: 26.156 min Scan# 3835
Delta R.T. 0.003 min
Lab File: BN019711.D
Acq: 09 May 2022 20:16

Tgt Ion:276 Resp: 403267

Ion	Ratio	Lower	Upper
276	100		
138	32.7	27.1	40.7
277	24.9	20.0	30.0



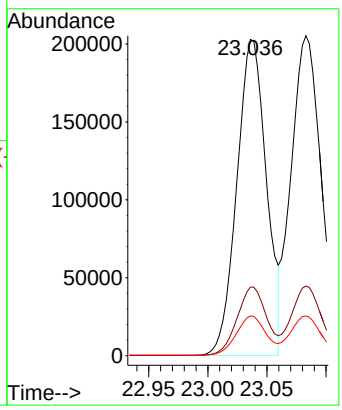


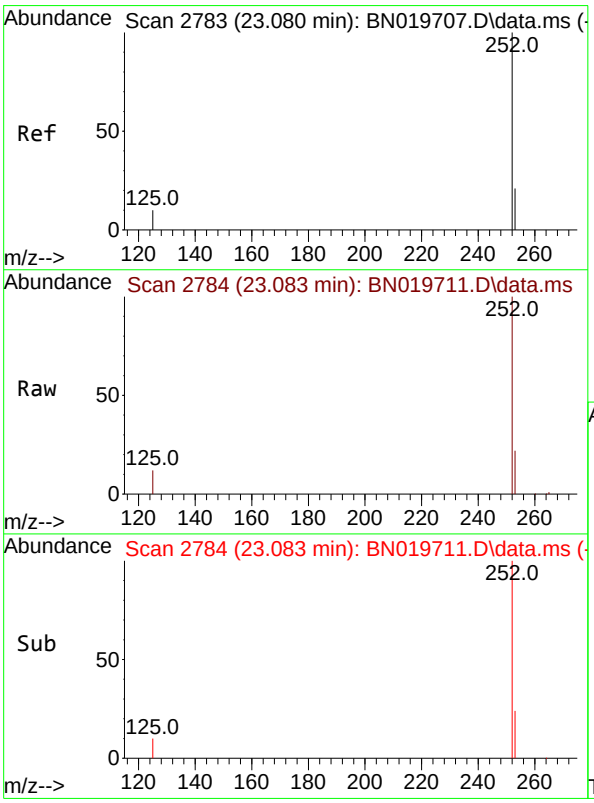
#37
Benzo(b)fluoranthene
Concen: 5.488 ng
RT: 23.036 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN019711.D
Acq: 09 May 2022 20:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:252 Resp: 353034

Ion	Ratio	Lower	Upper
252	100		
253	21.7	19.0	28.4
125	12.5	12.3	18.5

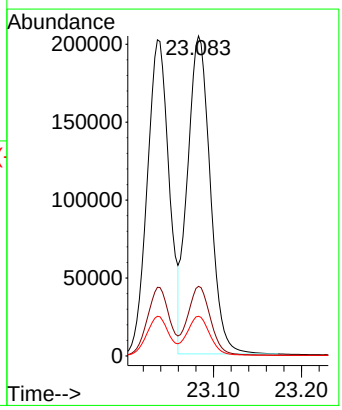


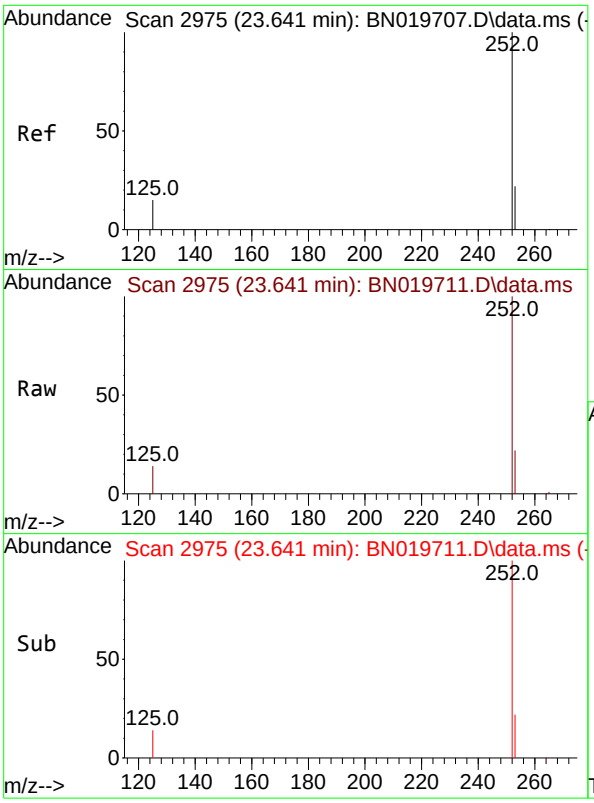


#38
Benzo(k)fluoranthene
Concen: 5.383 ng
RT: 23.083 min Scan# 2784
Delta R.T. 0.003 min
Lab File: BN019711.D
Acq: 09 May 2022 20:16

Tgt Ion:252 Resp: 366554

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.6	27.8
125	12.4	12.3	18.5



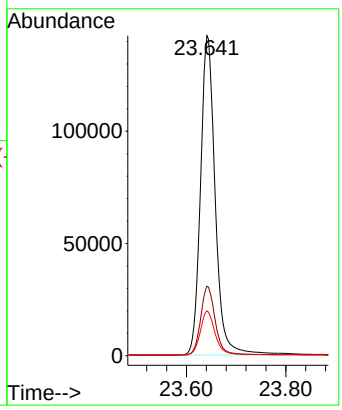


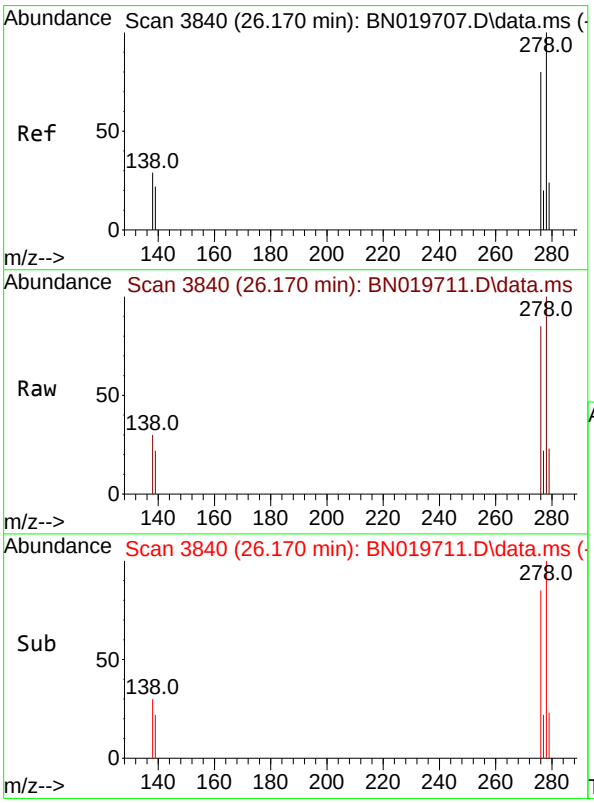
#39
Benzo(a)pyrene
Concen: 6.000 ng
RT: 23.641 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN019711.D
Acq: 09 May 2022 20:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:252 Resp: 292790

Ion	Ratio	Lower	Upper
252	100		
253	21.7	20.0	30.0
125	14.0	15.5	23.3#

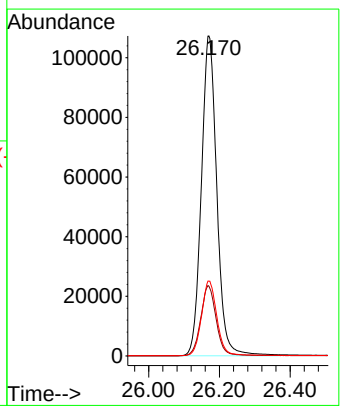


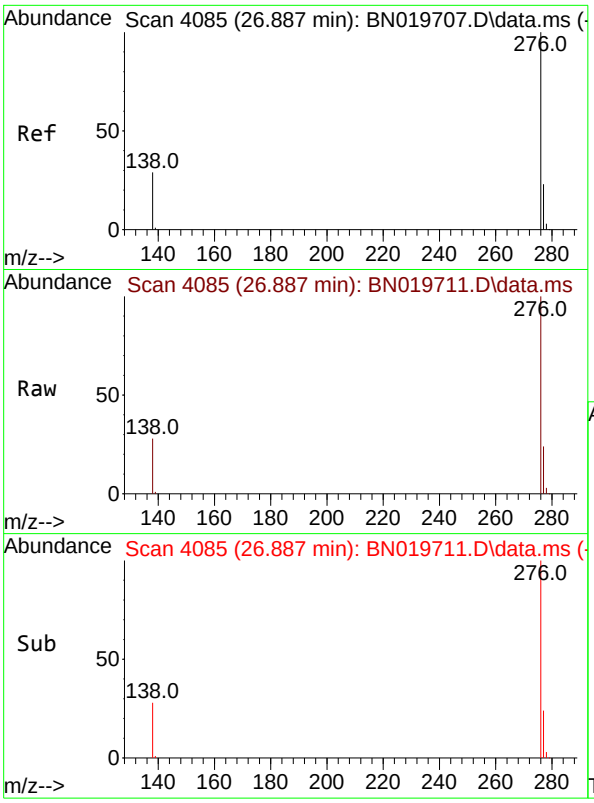


#40
Dibenzo(a,h)anthracene
Concen: 5.651 ng
RT: 26.170 min Scan# 3840
Delta R.T. -0.000 min
Lab File: BN019711.D
Acq: 09 May 2022 20:16

Tgt Ion:278 Resp: 325710

Ion	Ratio	Lower	Upper
278	100		
139	21.8	18.5	27.7
279	23.4	20.2	30.4





#41
Benzo(g,h,i)perylene
Concen: 5.941 ng
RT: 26.887 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN019711.D
Acq: 09 May 2022 20:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:276 Resp: 338944

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.4	29.0
138	28.1	24.1	36.1