Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032522\
Data File : BN019162.D
Acq On : 25 Mar 2022 18:08
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Mar 25 18:50:36 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 25 17:03:54 2022
Response via : Initial Calibration

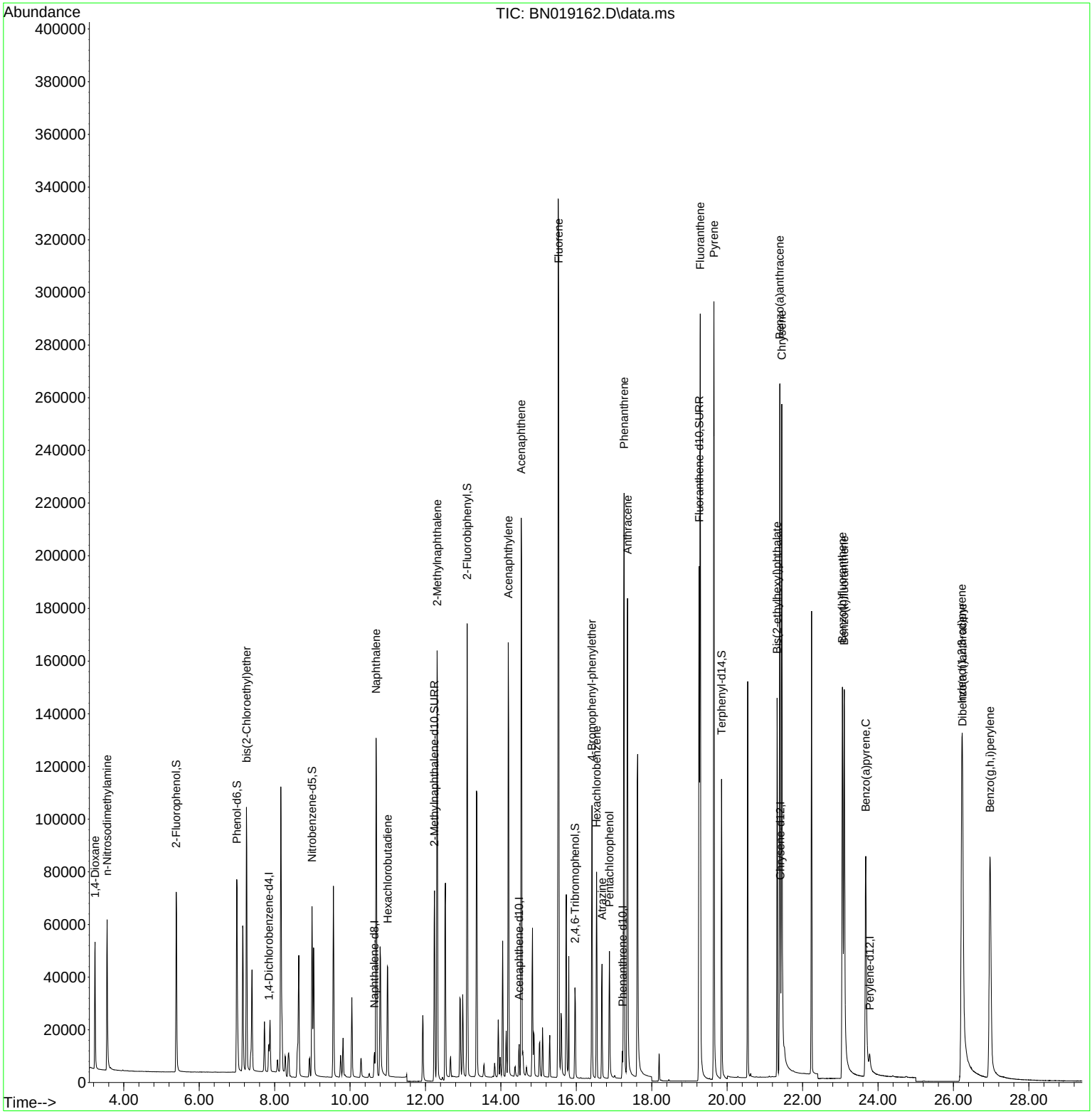
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.847	152	5062	0.400	ng		0.00
7) Naphthalene-d8	10.648	136	12072	0.400	ng	#	0.00
13) Acenaphthene-d10	14.484	164	6997	0.400	ng		0.00
19) Phenanthrene-d10	17.225	188	14072	0.400	ng	#	0.00
29) Chrysene-d12	21.413	240	12243	0.400	ng		0.00
35) Perylene-d12	23.782	264	9212	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.392	112	53201	4.690	ng		0.00
5) Phenol-d6	7.002	99	67558	5.679	ng		0.00
8) Nitrobenzene-d5	8.993	82	50499	5.800	ng		0.00
11) 2-Methylnaphthalene-d10	12.238	152	98442	4.916	ng		0.00
14) 2,4,6-Tribromophenol	15.964	330	19092	5.655	ng		-0.01
15) 2-Fluorobiphenyl	13.105	172	147144	5.246	ng		0.00
27) Fluoranthene-d10	19.257	212	220114	5.271	ng		0.00
31) Terphenyl-d14	19.851	244	128413	4.270	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	28246	4.515	ng		99
3) n-Nitrosodimethylamine	3.557	42	32537	4.460	ng	#	98
6) bis(2-Chloroethyl)ether	7.255	93	68572	4.846	ng		97
9) Naphthalene	10.690	128	170832	4.974	ng		100
10) Hexachlorobutadiene	11.000	225	36899	4.391	ng	#	100
12) 2-Methylnaphthalene	12.310	142	113936	4.880	ng		99
16) Acenaphthylene	14.196	152	182707	5.628	ng		99
17) Acenaphthene	14.538	154	118613	5.207	ng		96
18) Fluorene	15.532	166	147524	5.140	ng		99
21) 4-Bromophenyl-phenylether	16.415	248	48810	5.500	ng	#	91
22) Hexachlorobenzene	16.538	284	55647	4.866	ng		99
23) Atrazine	16.682	200	35124	5.297	ng		96
24) Pentachlorophenol	16.877	266	22915	6.528	ng		99
25) Phenanthrene	17.266	178	235617	5.354	ng		100
26) Anthracene	17.359	178	212647	5.718	ng		100
28) Fluoranthene	19.286	202	271844	5.265	ng		99
30) Pyrene	19.649	202	274086	4.494	ng		100
32) Benzo(a)anthracene	21.395	228	223361	5.919	ng		99
33) Chrysene	21.449	228	248424	4.882	ng		99
34) Bis(2-ethylhexyl)phtha...	21.324	149	123241	4.928	ng		100
36) Indeno(1,2,3-cd)pyrene	26.223	276	209589	6.306	ng		99
37) Benzo(b)fluoranthene	23.056	252	196996	5.862	ng	#	95
38) Benzo(k)fluoranthene	23.103	252	236793	5.141	ng		96
39) Benzo(a)pyrene	23.673	252	169662	5.549	ng	#	91
40) Dibenzo(a,h)anthracene	26.243	278	166645	6.436	ng		98
41) Benzo(g,h,i)perylene	26.968	276	206892	6.339	ng		99

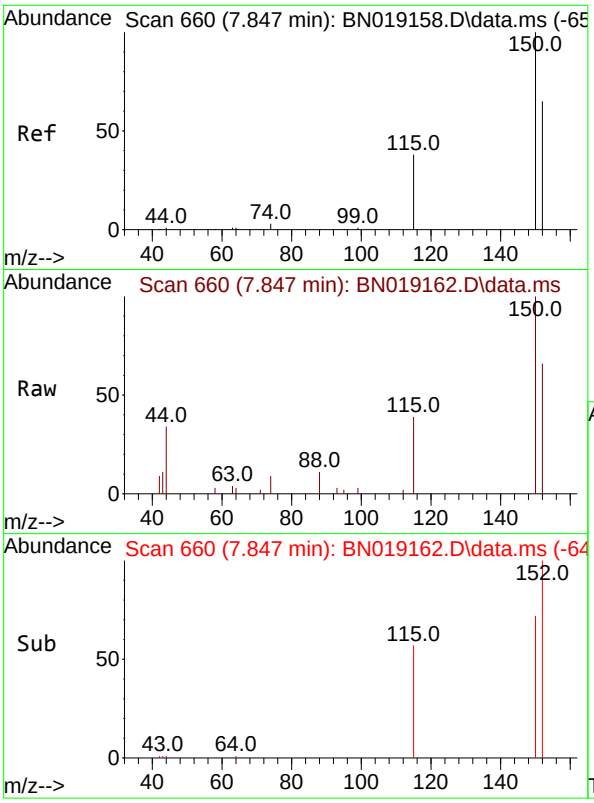
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032522\
Data File : BN019162.D
Acq On : 25 Mar 2022 18:08
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Mar 25 18:50:36 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 25 17:03:54 2022
Response via : Initial Calibration



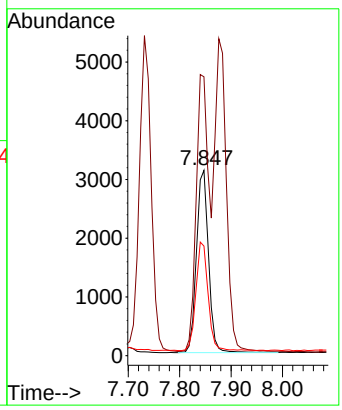


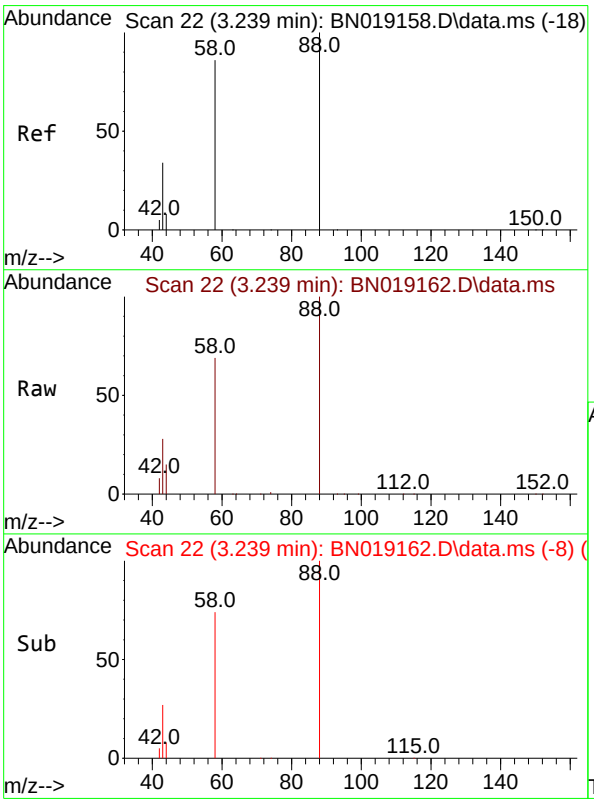
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.847 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN019162.D
Acq: 25 Mar 2022 18:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 5062

Ion	Ratio	Lower	Upper
152	100		
150	150.4	123.9	185.9
115	59.2	48.2	72.4

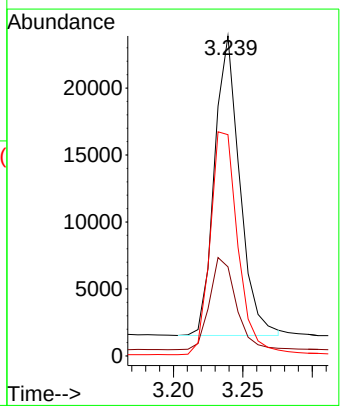


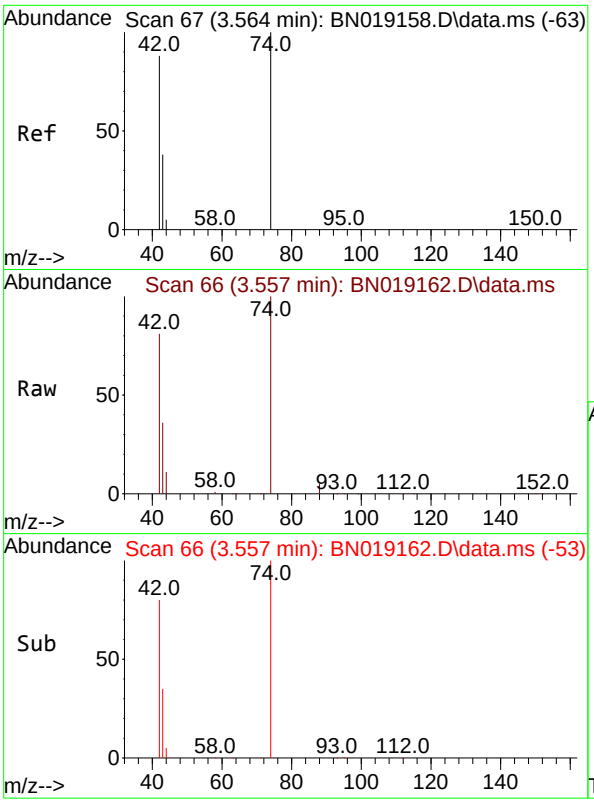


#2
1,4-Dioxane
Concen: 4.515 ng
RT: 3.239 min Scan# 22
Delta R.T. -0.000 min
Lab File: BN019162.D
Acq: 25 Mar 2022 18:08

Tgt Ion: 88 Resp: 28246

Ion	Ratio	Lower	Upper
88	100		
43	32.2	24.6	37.0
58	81.5	65.4	98.2



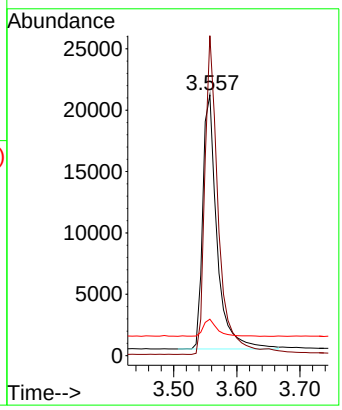


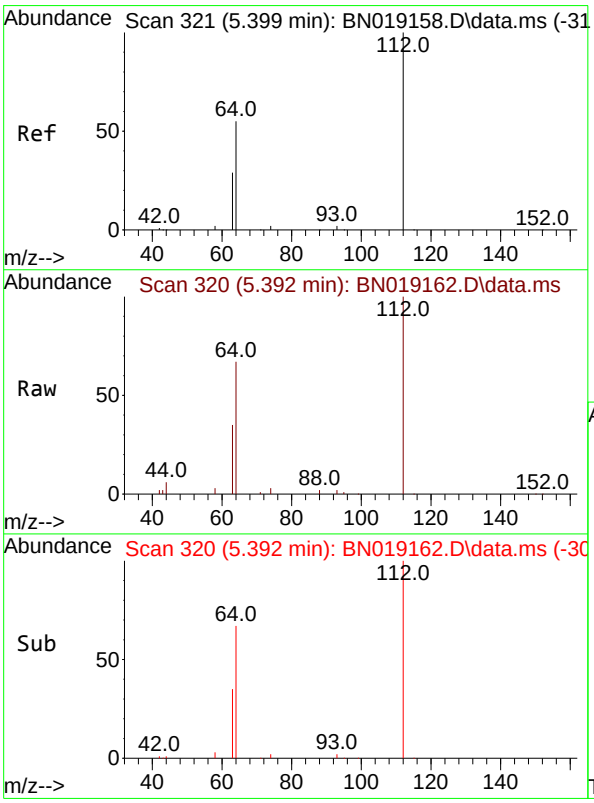
#3
n-Nitrosodimethylamine
Concen: 4.460 ng
RT: 3.557 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN019162.D
Acq: 25 Mar 2022 18:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion: 42 Resp: 32537

Ion	Ratio	Lower	Upper
42	100		
74	119.4	96.9	145.3
44	6.6	7.3	10.9#

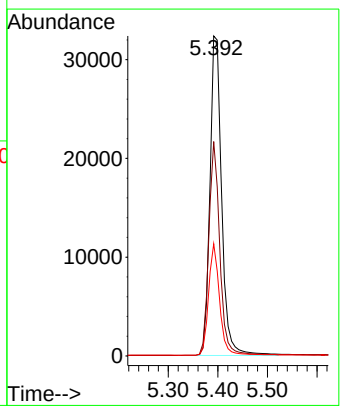


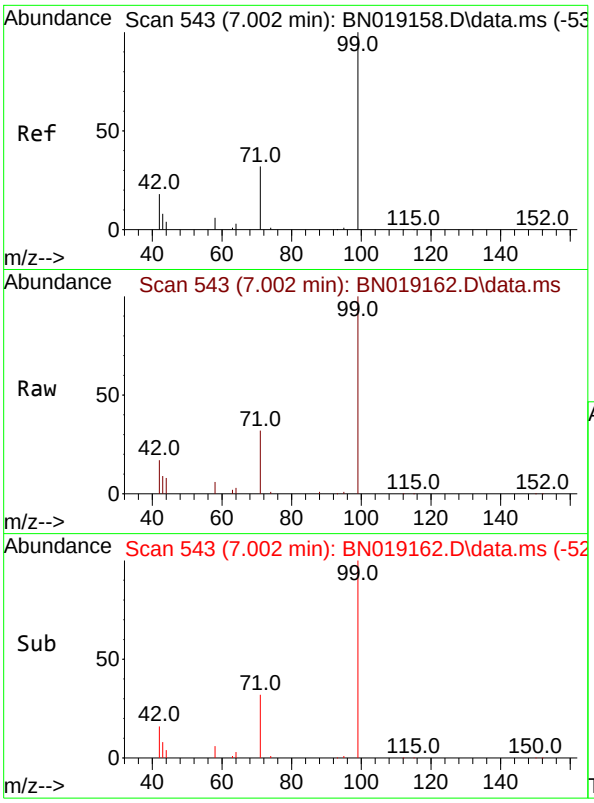


#4
2-Fluorophenol
Concen: 4.690 ng
RT: 5.392 min Scan# 320
Delta R.T. -0.007 min
Lab File: BN019162.D
Acq: 25 Mar 2022 18:08

Tgt Ion:112 Resp: 53201

Ion	Ratio	Lower	Upper
112	100		
64	63.0	47.8	71.8
63	32.8	25.7	38.5



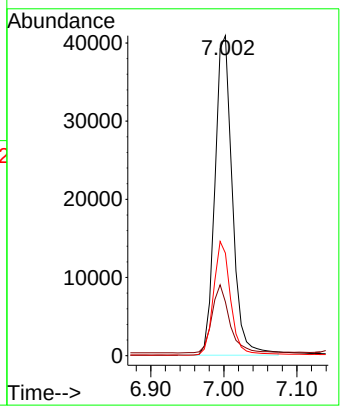


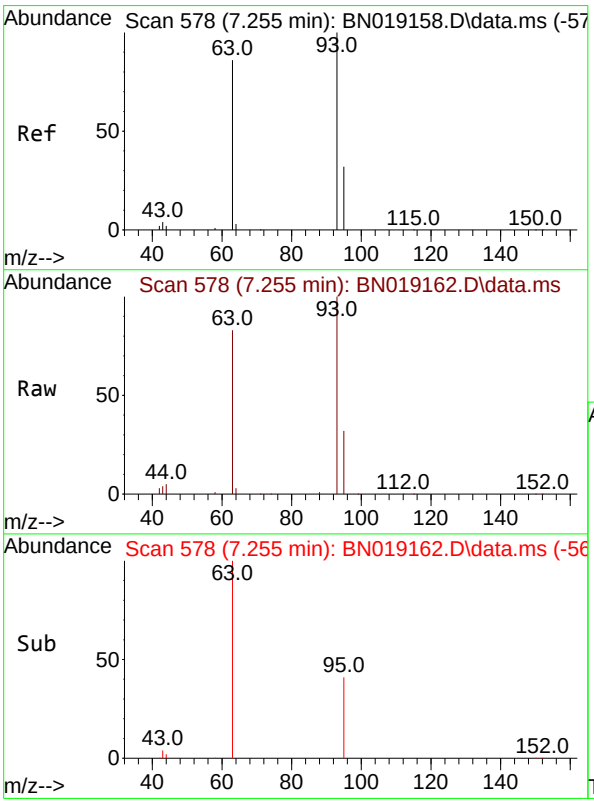
#5
Phenol-d6
Concen: 5.679 ng
RT: 7.002 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN019162.D
Acq: 25 Mar 2022 18:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion: 99 Resp: 67558

Ion	Ratio	Lower	Upper
99	100		
42	21.7	16.2	24.4
71	34.7	27.7	41.5

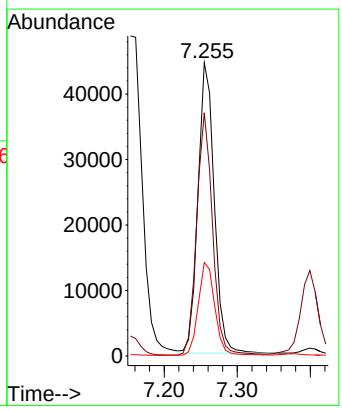


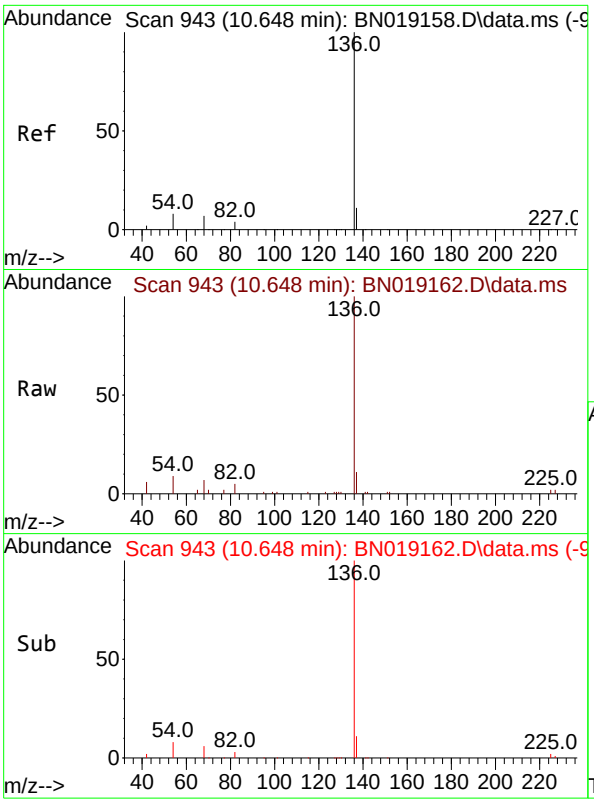


#6
bis(2-Chloroethyl)ether
Concen: 4.846 ng
RT: 7.255 min Scan# 578
Delta R.T. -0.000 min
Lab File: BN019162.D
Acq: 25 Mar 2022 18:08

Tgt Ion: 93 Resp: 68572

Ion	Ratio	Lower	Upper
93	100		
63	81.5	62.8	94.2
95	32.5	26.2	39.4



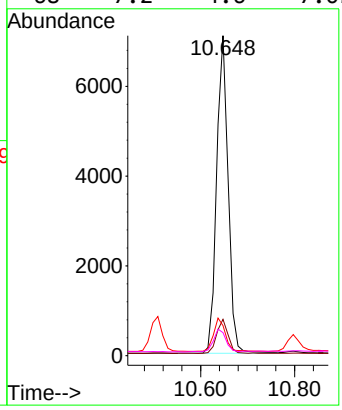


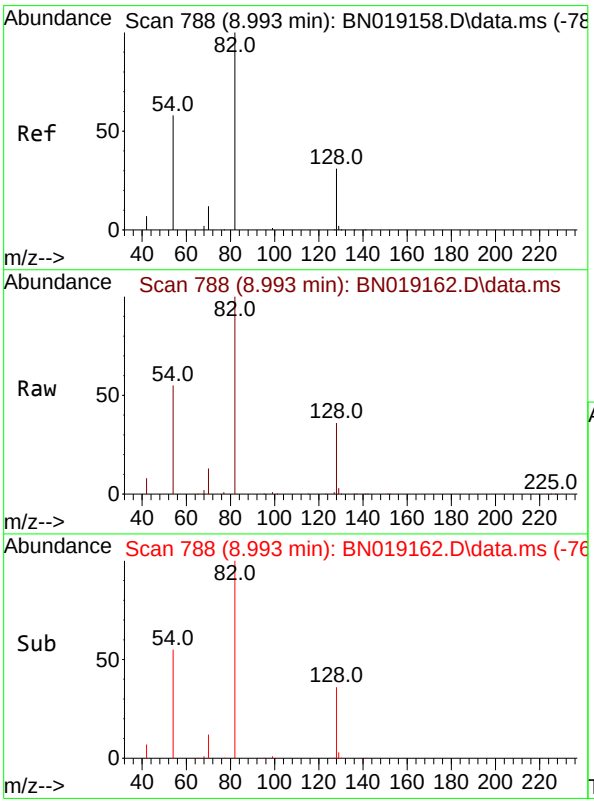
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN019162.D
Acq: 25 Mar 2022 18:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:136 Resp: 12072

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	9.4	5.8	8.6#
68	7.2	4.6	7.0#

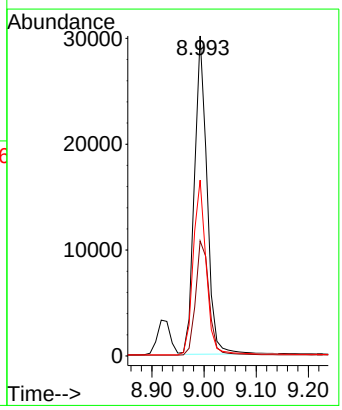


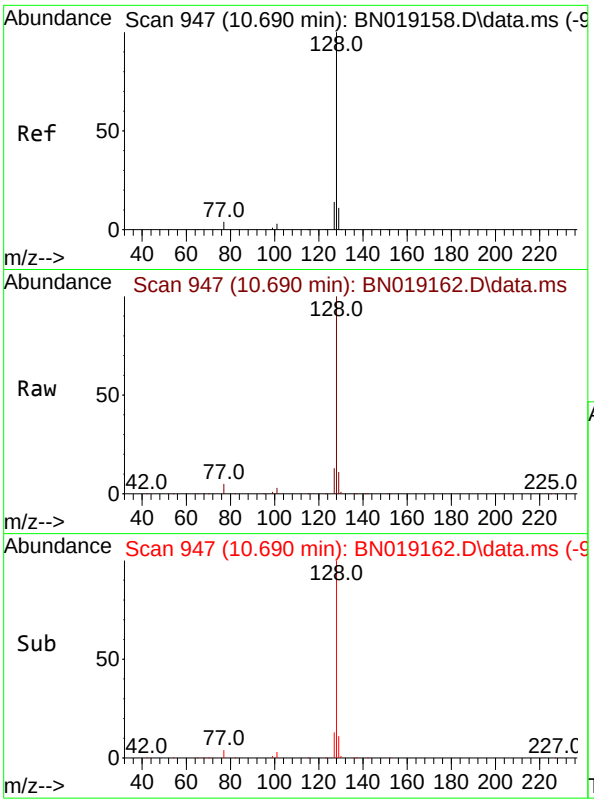


#8
Nitrobenzene-d5
Concen: 5.800 ng
RT: 8.993 min Scan# 788
Delta R.T. -0.000 min
Lab File: BN019162.D
Acq: 25 Mar 2022 18:08

Tgt Ion: 82 Resp: 50499

Ion	Ratio	Lower	Upper
82	100		
128	35.9	33.0	49.6
54	54.9	42.5	63.7



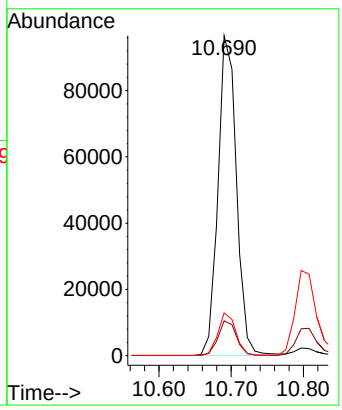


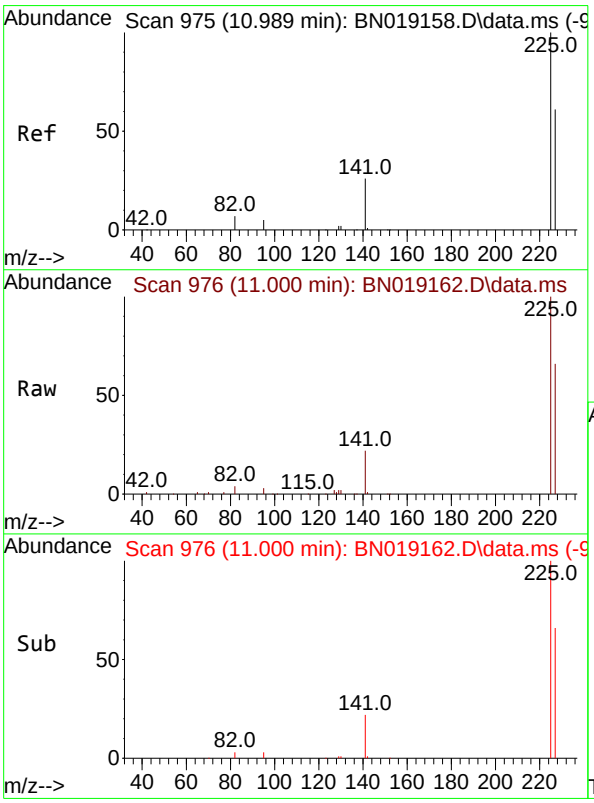
#9
Naphthalene
Concen: 4.974 ng
RT: 10.690 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN019162.D
Acq: 25 Mar 2022 18:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:128 Resp: 170832

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.4
127	13.3	10.7	16.1

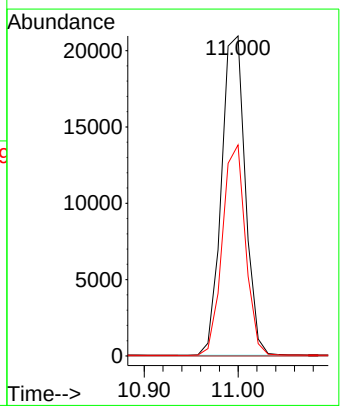


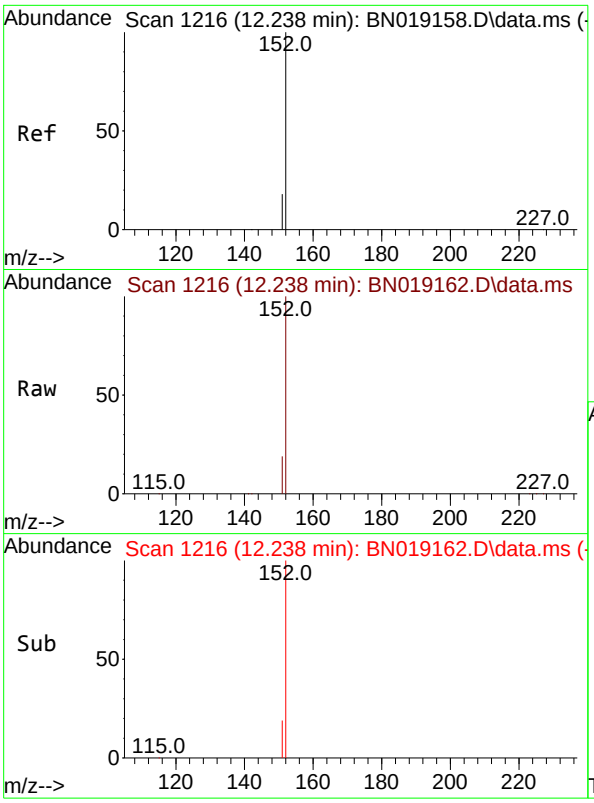


#10
Hexachlorobutadiene
Concen: 4.391 ng
RT: 11.000 min Scan# 976
Delta R.T. 0.011 min
Lab File: BN019162.D
Acq: 25 Mar 2022 18:08

Tgt Ion:225 Resp: 36899

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	51.0	76.6



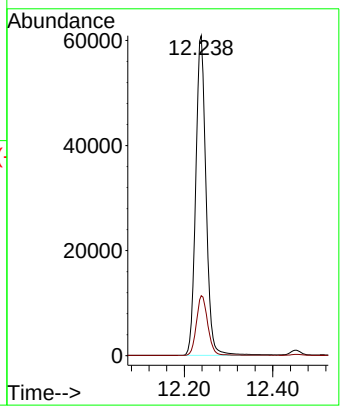


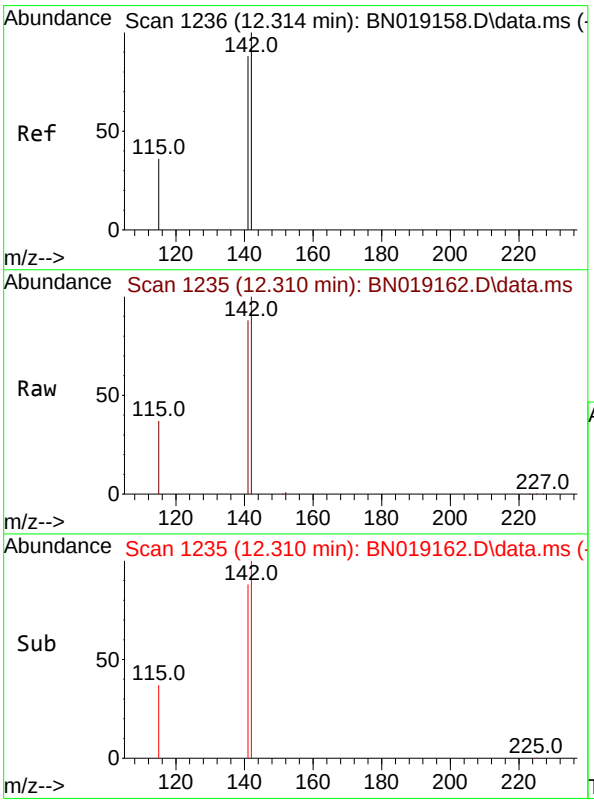
#11
2-Methylnaphthalene-d10
Concen: 4.916 ng
RT: 12.238 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019162.D
Acq: 25 Mar 2022 18:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 98442

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.5	24.7

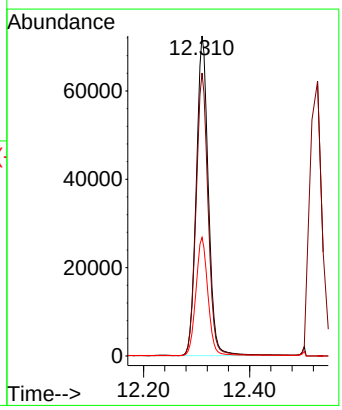


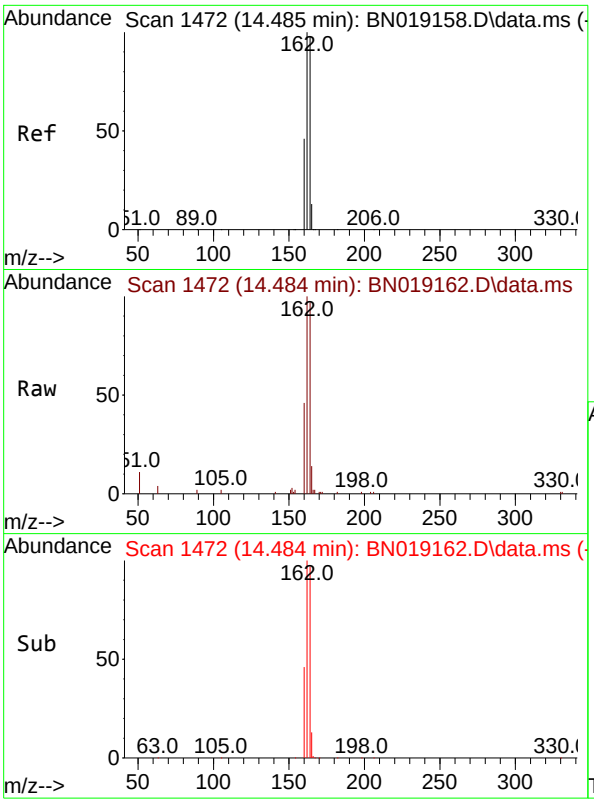


#12
2-Methylnaphthalene
Concen: 4.880 ng
RT: 12.310 min Scan# 1235
Delta R.T. -0.004 min
Lab File: BN019162.D
Acq: 25 Mar 2022 18:08

Tgt Ion:142 Resp: 113936

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.0	105.0
115	37.0	29.8	44.8



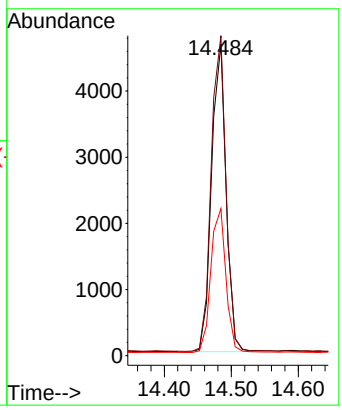


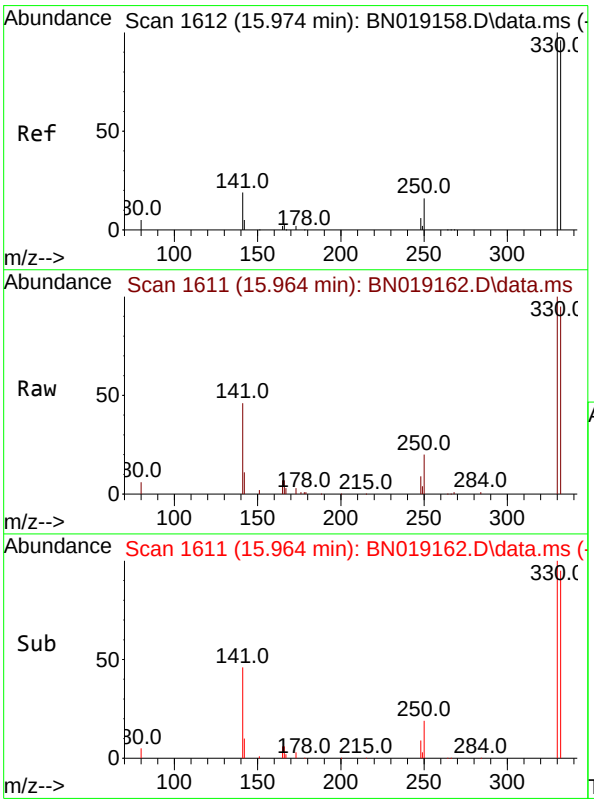
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN019162.D
Acq: 25 Mar 2022 18:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:164 Resp: 6997

Ion	Ratio	Lower	Upper
164	100		
162	102.7	85.2	127.8
160	47.2	41.5	62.3

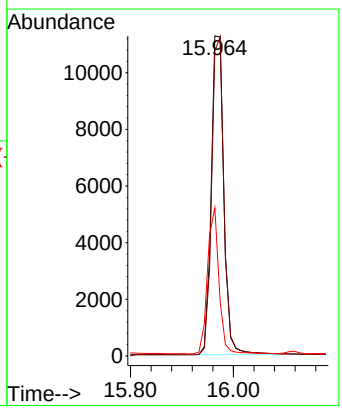


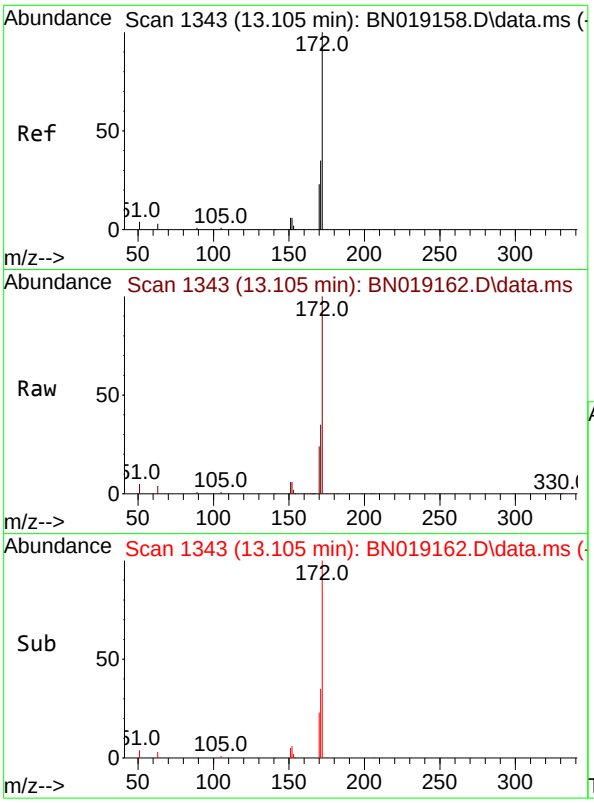


#14
2,4,6-Tribromophenol
Concen: 5.655 ng
RT: 15.964 min Scan# 1611
Delta R.T. -0.010 min
Lab File: BN019162.D
Acq: 25 Mar 2022 18:08

Tgt Ion:330 Resp: 19092

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.8	115.2
141	41.9	32.2	48.2



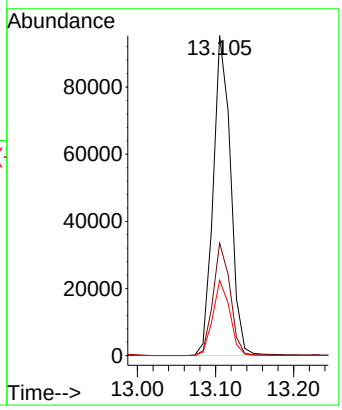


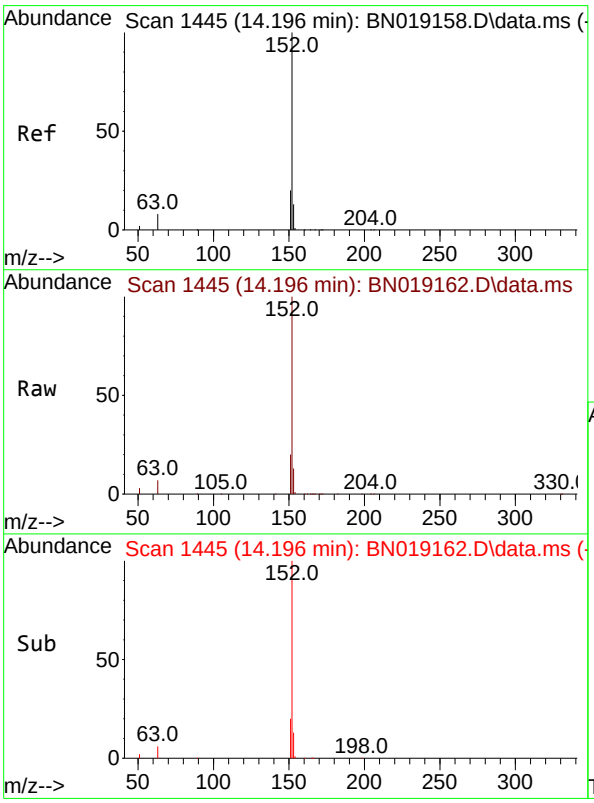
#15
2-Fluorobiphenyl
Concen: 5.246 ng
RT: 13.105 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019162.D
Acq: 25 Mar 2022 18:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:172 Resp: 147144

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.2
170	23.5	18.7	28.1

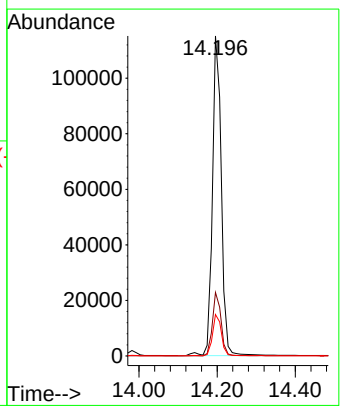


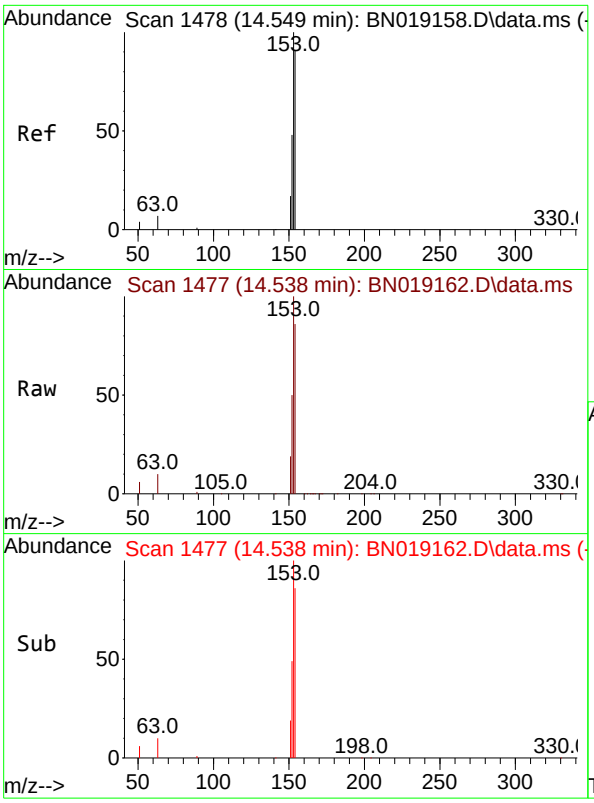


#16
Acenaphthylene
Concen: 5.628 ng
RT: 14.196 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BN019162.D
Acq: 25 Mar 2022 18:08

Tgt Ion:152 Resp: 182707

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.9	23.9
153	13.0	10.6	15.8



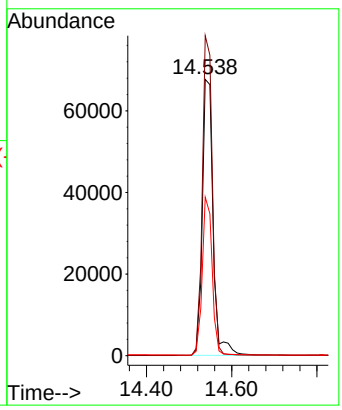


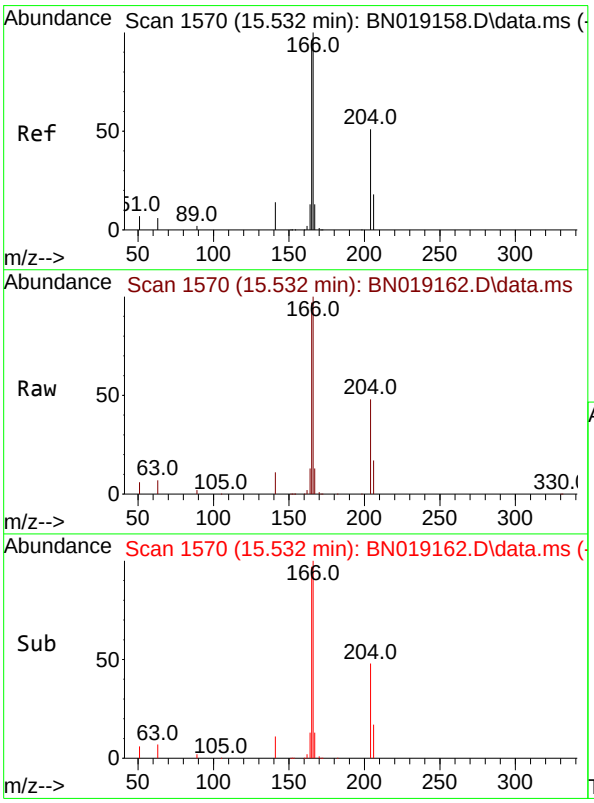
#17
Acenaphthene
Concen: 5.207 ng
RT: 14.538 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN019162.D
Acq: 25 Mar 2022 18:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:154 Resp: 118613

Ion	Ratio	Lower	Upper
154	100		
153	107.7	89.7	134.5
152	52.5	44.7	67.1

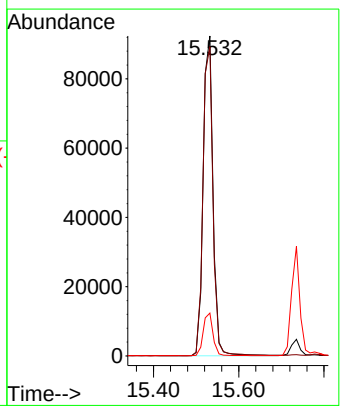


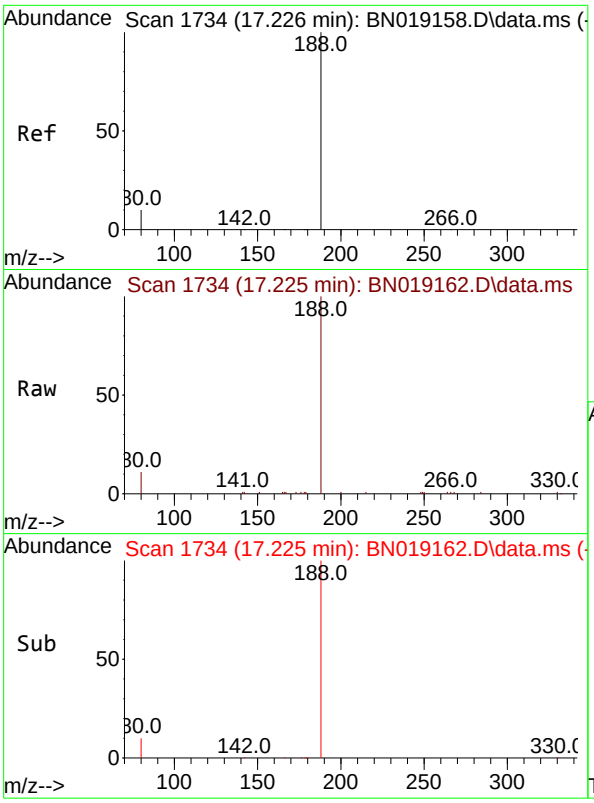


#18
Fluorene
Concen: 5.140 ng
RT: 15.532 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BN019162.D
Acq: 25 Mar 2022 18:08

Tgt Ion:166 Resp: 147524

Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.2	118.8
167	13.5	10.7	16.1



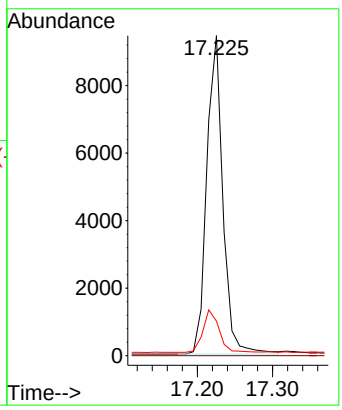


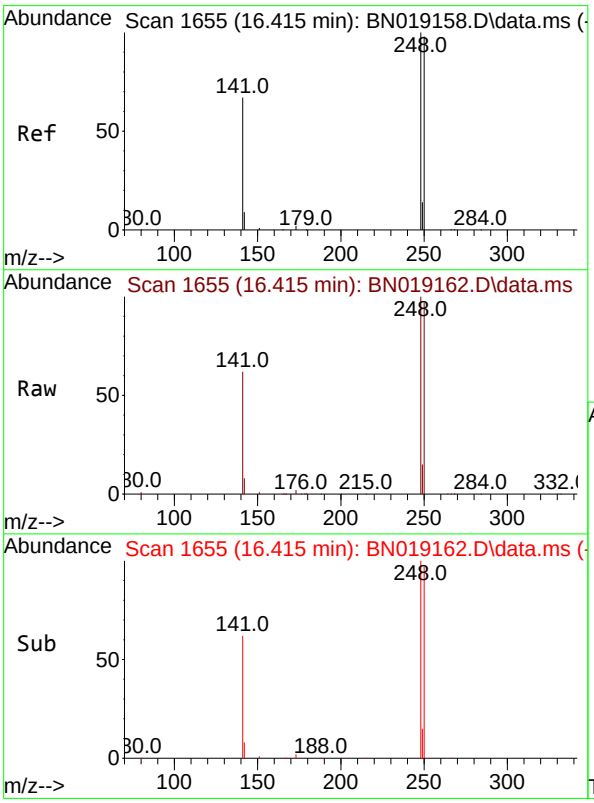
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.225 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019162.D
Acq: 25 Mar 2022 18:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:188 Resp: 14072

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.8	11.8	17.8#

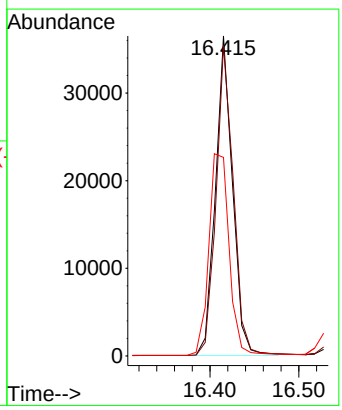


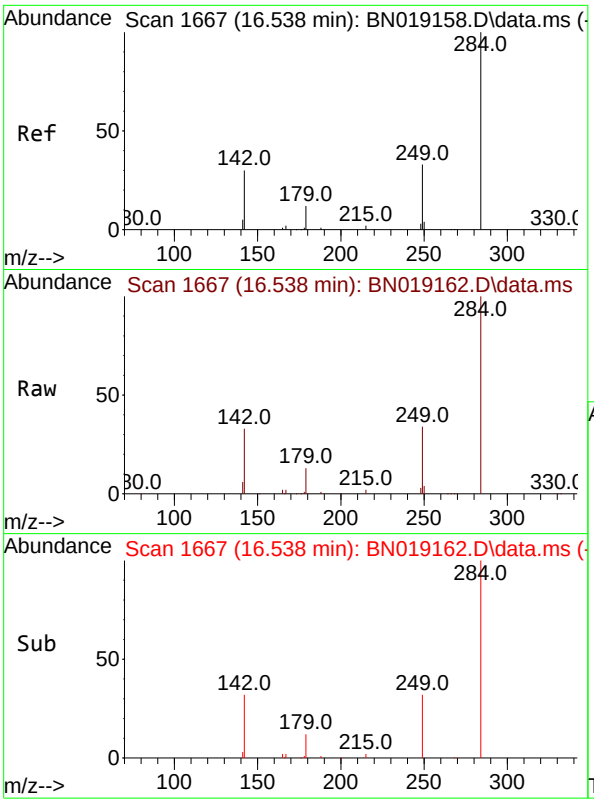


#21
4-Bromophenyl-phenylether
Concen: 5.500 ng
RT: 16.415 min Scan# 1655
Delta R.T. -0.000 min
Lab File: BN019162.D
Acq: 25 Mar 2022 18:08

Tgt Ion:248 Resp: 48810

Ion	Ratio	Lower	Upper
248	100		
250	97.0	80.7	121.1
141	62.1	39.6	59.4#



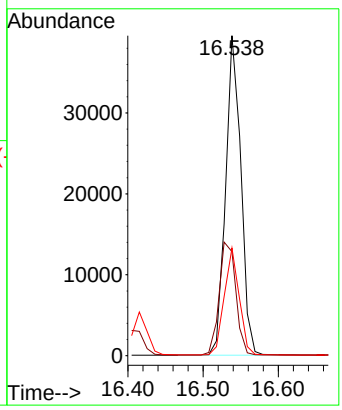


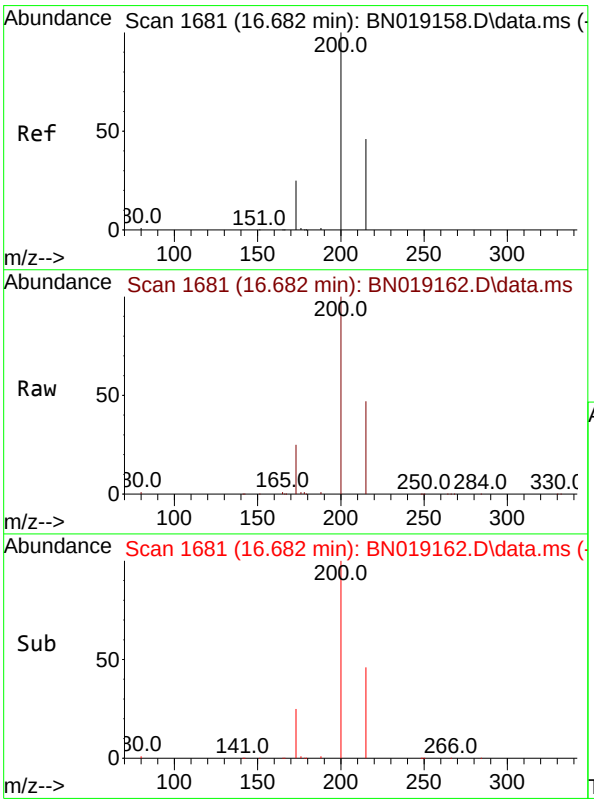
#22
Hexachlorobenzene
Concen: 4.866 ng
RT: 16.538 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019162.D
Acq: 25 Mar 2022 18:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:284 Resp: 55647

Ion	Ratio	Lower	Upper
284	100		
142	38.6	29.8	44.8
249	32.7	26.2	39.2

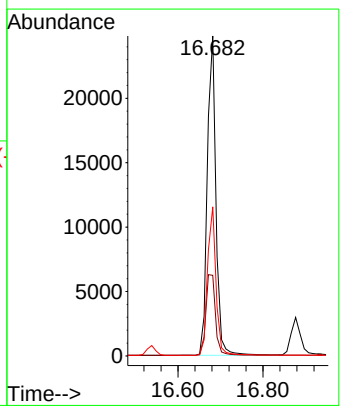


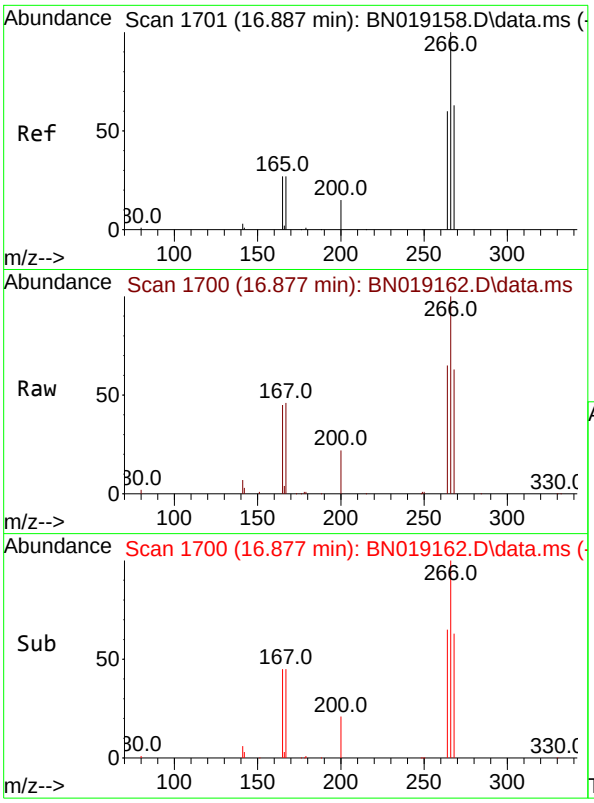


#23
Atrazine
Concen: 5.297 ng
RT: 16.682 min Scan# 1681
Delta R.T. -0.000 min
Lab File: BN019162.D
Acq: 25 Mar 2022 18:08

Tgt Ion:200 Resp: 35124

Ion	Ratio	Lower	Upper
200	100		
173	25.2	23.9	35.9
215	46.6	36.6	54.8



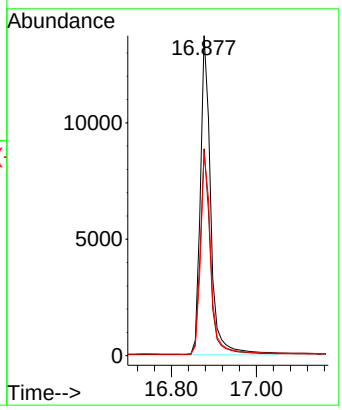


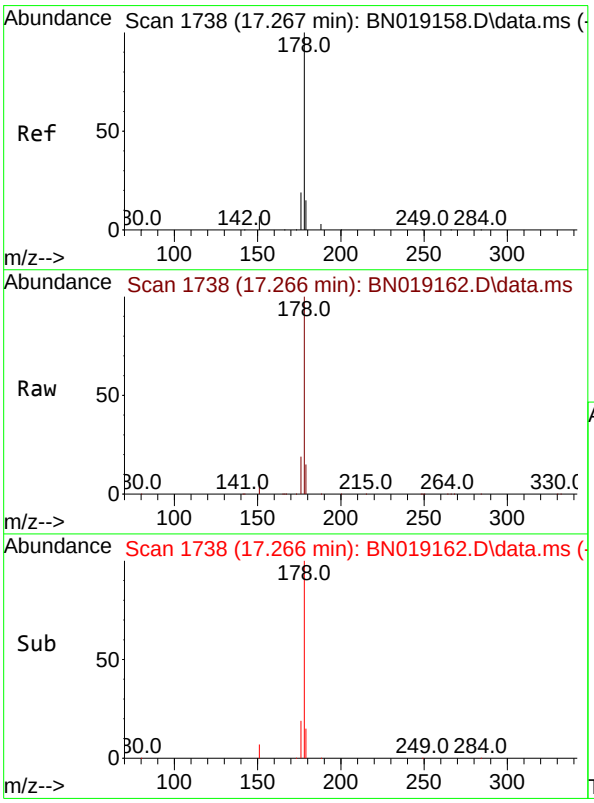
#24
Pentachlorophenol
Concen: 6.528 ng
RT: 16.877 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN019162.D
Acq: 25 Mar 2022 18:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:266 Resp: 22915

Ion	Ratio	Lower	Upper
266	100		
264	63.5	50.2	75.4
268	63.9	51.9	77.9

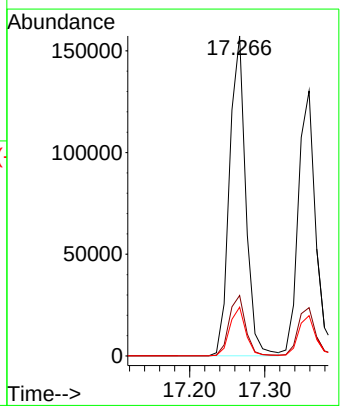


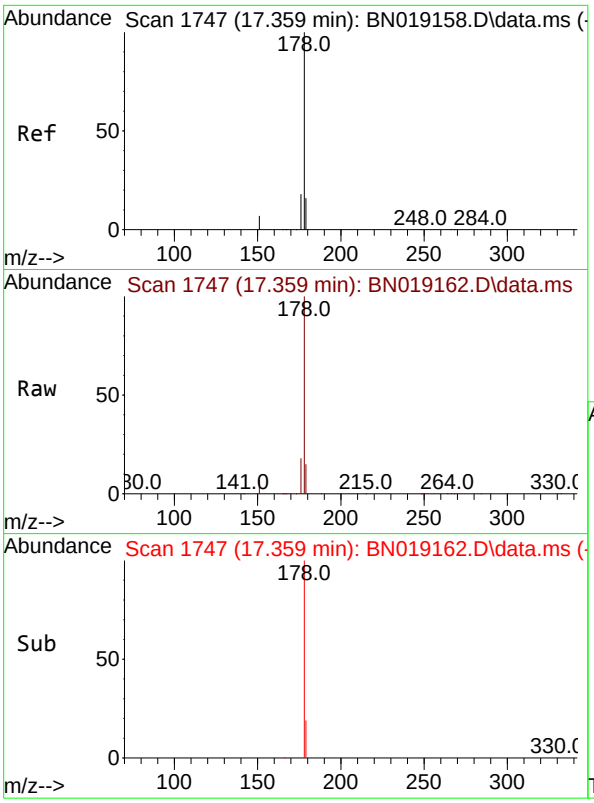


#25
Phenanthrene
Concen: 5.354 ng
RT: 17.266 min Scan# 1738
Delta R.T. -0.000 min
Lab File: BN019162.D
Acq: 25 Mar 2022 18:08

Tgt Ion:178 Resp: 235617

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.1	12.2	18.2



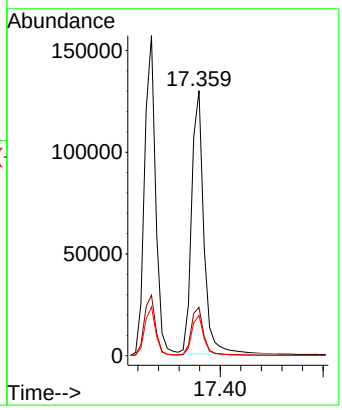


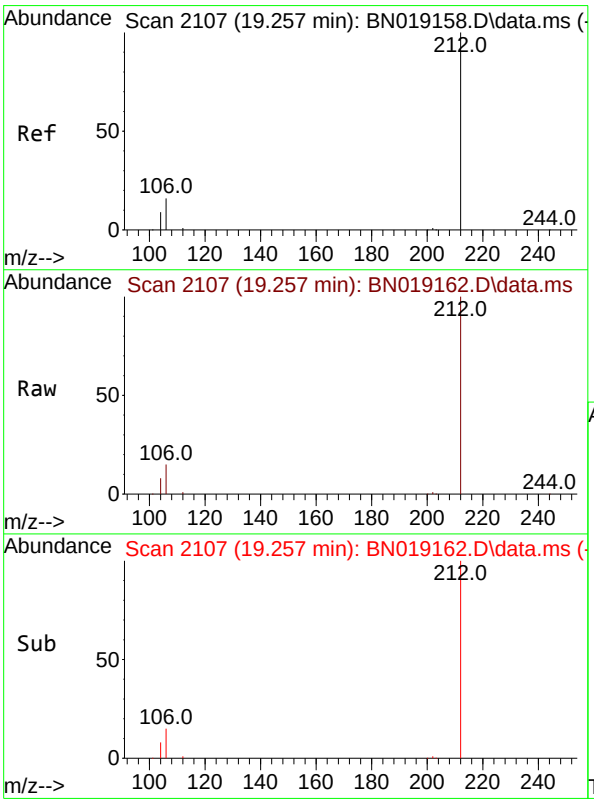
#26
Anthracene
Concen: 5.718 ng
RT: 17.359 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019162.D
Acq: 25 Mar 2022 18:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:178 Resp: 212647

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	15.1	12.2	18.4

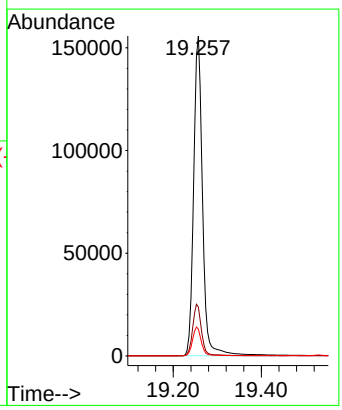


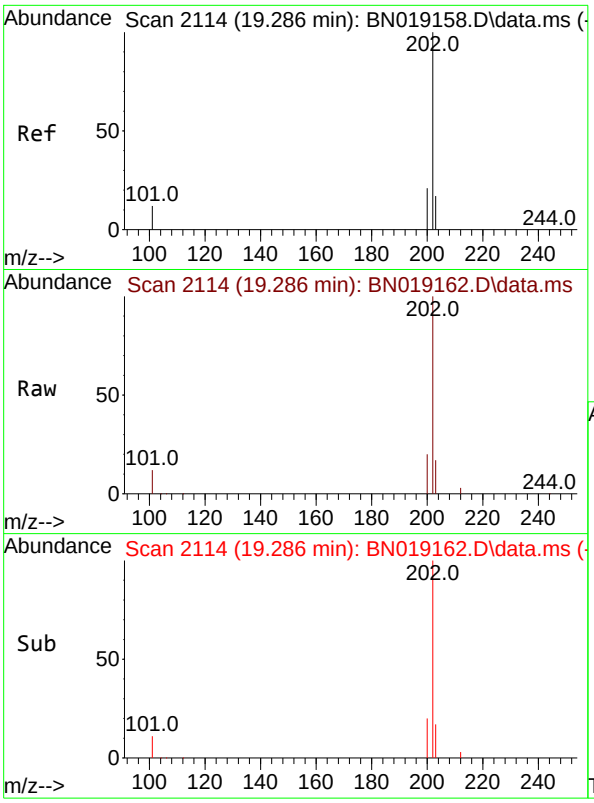


#27
Fluoranthene-d10
Concen: 5.271 ng
RT: 19.257 min Scan# 2107
Delta R.T. -0.000 min
Lab File: BN019162.D
Acq: 25 Mar 2022 18:08

Tgt Ion:212 Resp: 220114

Ion	Ratio	Lower	Upper
212	100		
106	16.0	12.7	19.1
104	8.9	7.1	10.7



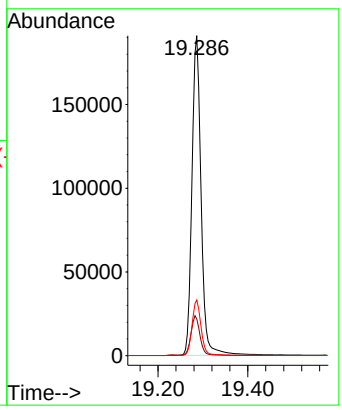


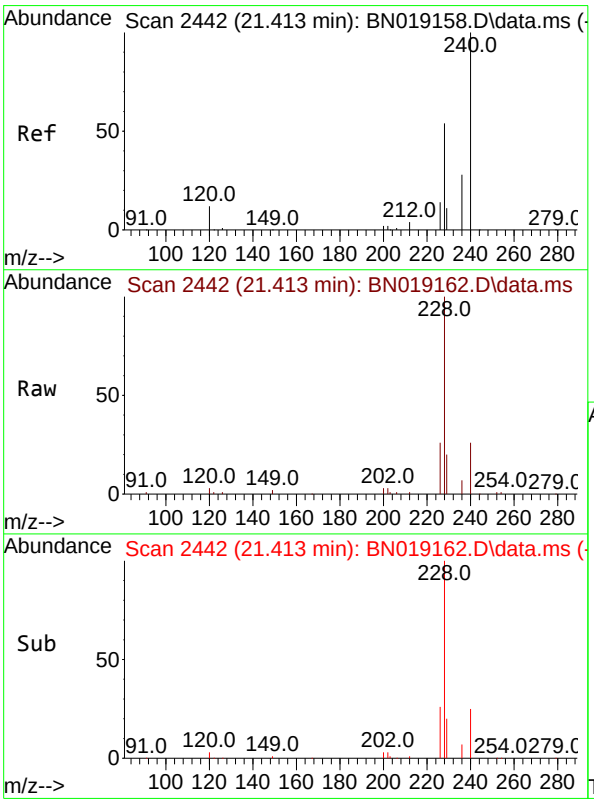
#28
Fluoranthene
Concen: 5.265 ng
RT: 19.286 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN019162.D
Acq: 25 Mar 2022 18:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:202 Resp: 271844

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.8	14.6
203	16.9	13.7	20.5

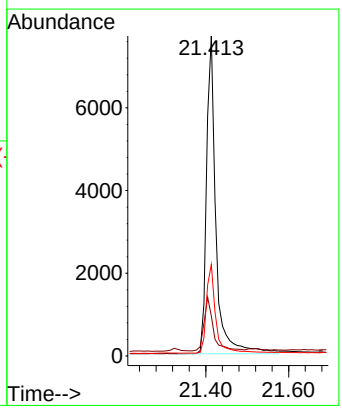


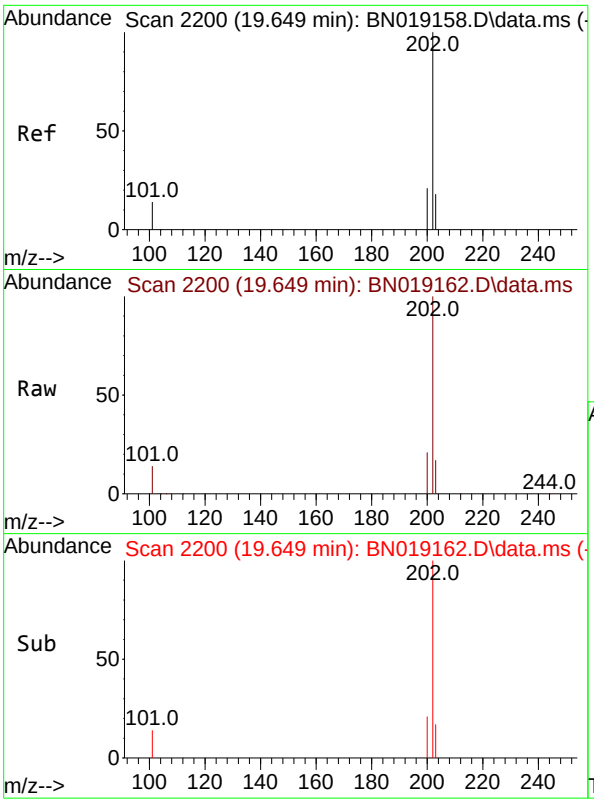


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.413 min Scan# 2442
Delta R.T. -0.000 min
Lab File: BN019162.D
Acq: 25 Mar 2022 18:08

Tgt Ion:240 Resp: 12243

Ion	Ratio	Lower	Upper
240	100		
120	12.5	8.5	12.7
236	28.5	22.4	33.6



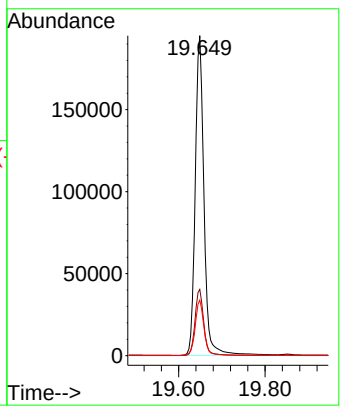


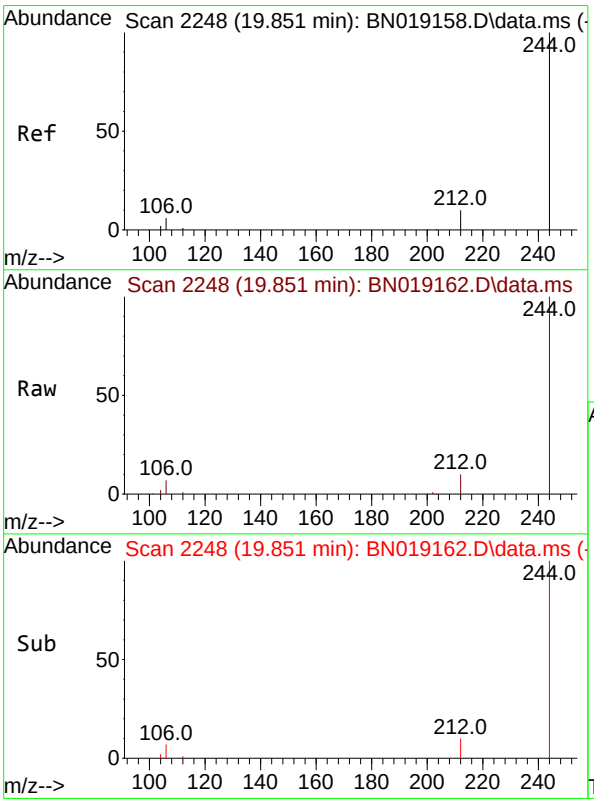
#30
Pyrene
Concen: 4.494 ng
RT: 19.649 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN019162.D
Acq: 25 Mar 2022 18:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:202 Resp: 274086

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3
203	17.8	14.2	21.2

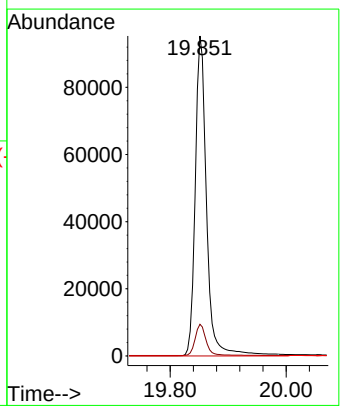


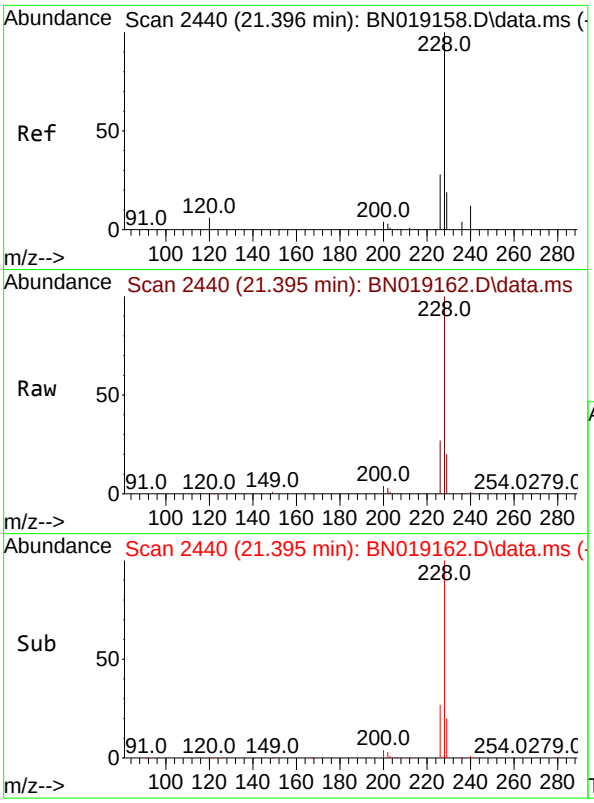


#31
Terphenyl-d14
Concen: 4.270 ng
RT: 19.851 min Scan# 2248
Delta R.T. -0.000 min
Lab File: BN019162.D
Acq: 25 Mar 2022 18:08

Tgt Ion:244 Resp: 128413

Ion	Ratio	Lower	Upper
244	100		
212	9.9	8.2	12.4
122	0.0	0.0	0.0



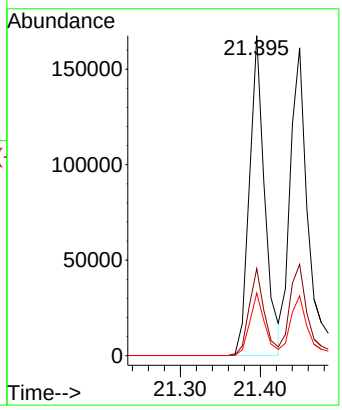


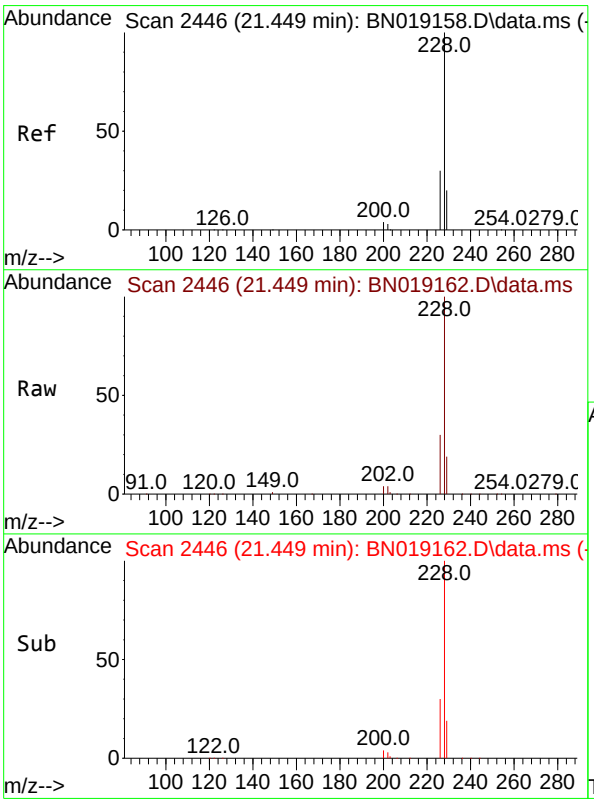
#32
Benzo(a)anthracene
Concen: 5.919 ng
RT: 21.395 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN019162.D
Acq: 25 Mar 2022 18:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:228 Resp: 223361

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.9	32.9
229	19.6	16.0	24.0

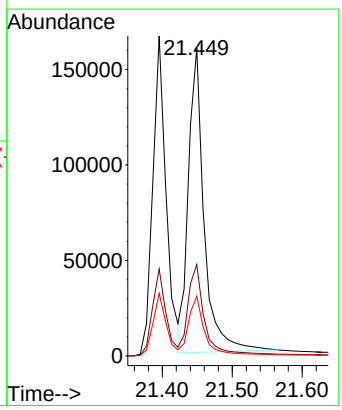


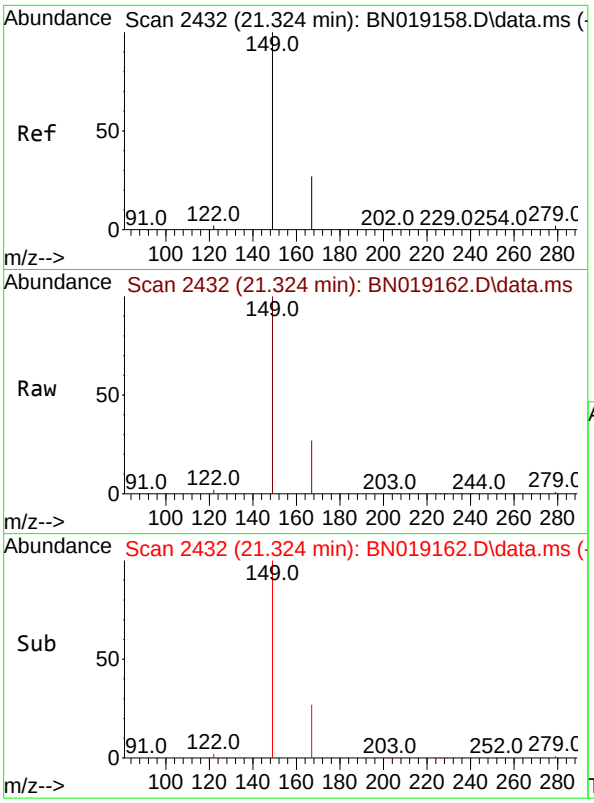


#33
Chrysene
Concen: 4.882 ng
RT: 21.449 min Scan# 2446
Delta R.T. -0.000 min
Lab File: BN019162.D
Acq: 25 Mar 2022 18:08

Tgt Ion:228 Resp: 248424

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.0	36.0
229	19.5	15.9	23.9



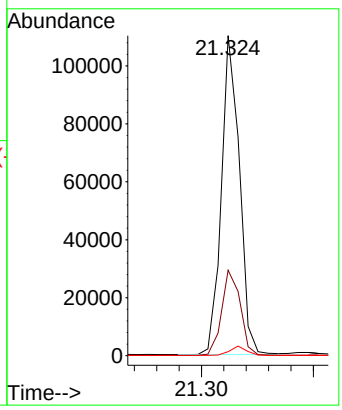


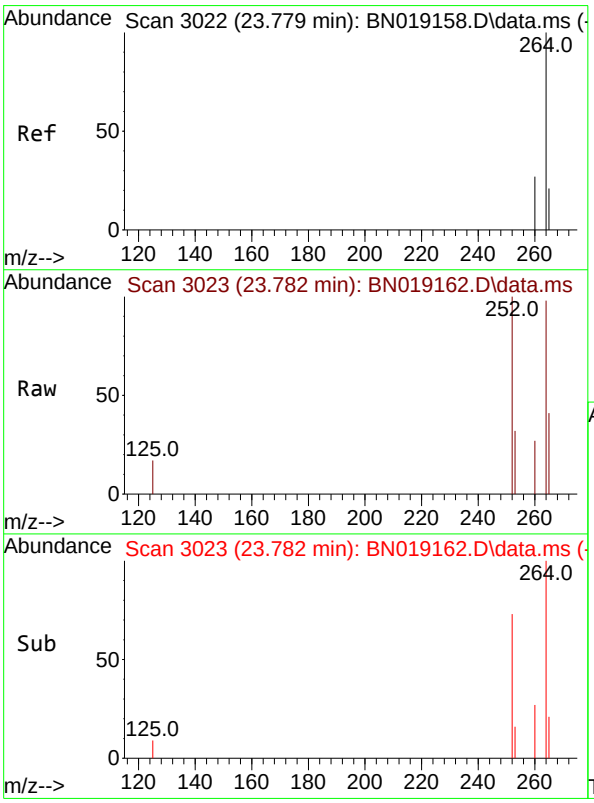
#34
Bis(2-ethylhexyl)phthalate
Concen: 4.928 ng
RT: 21.324 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN019162.D
Acq: 25 Mar 2022 18:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:149 Resp: 123241

Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.8	32.8
279	2.8	2.0	3.0

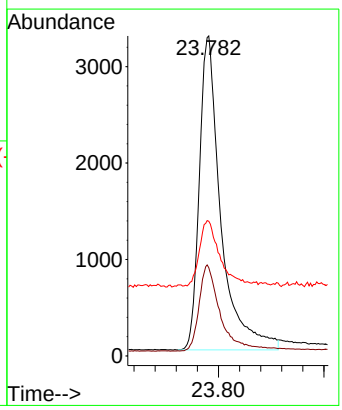


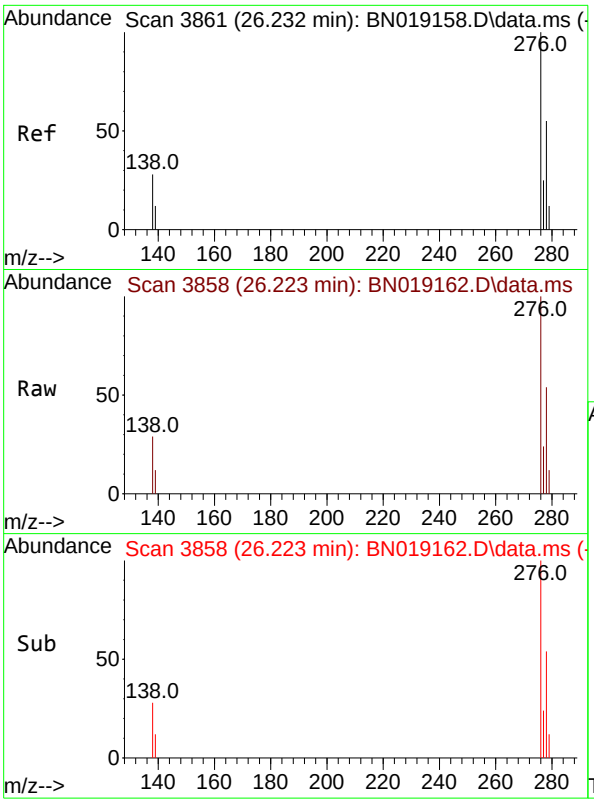


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.782 min Scan# 3023
Delta R.T. 0.003 min
Lab File: BN019162.D
Acq: 25 Mar 2022 18:08

Tgt Ion:264 Resp: 9212

Ion	Ratio	Lower	Upper
264	100		
260	27.6	22.4	33.6
265	42.1	25.3	37.9#



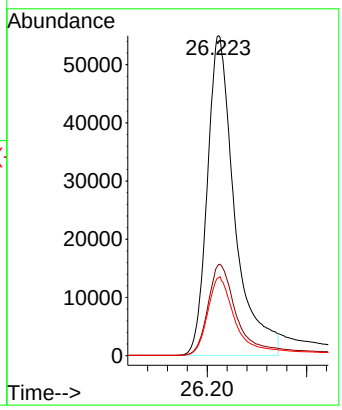


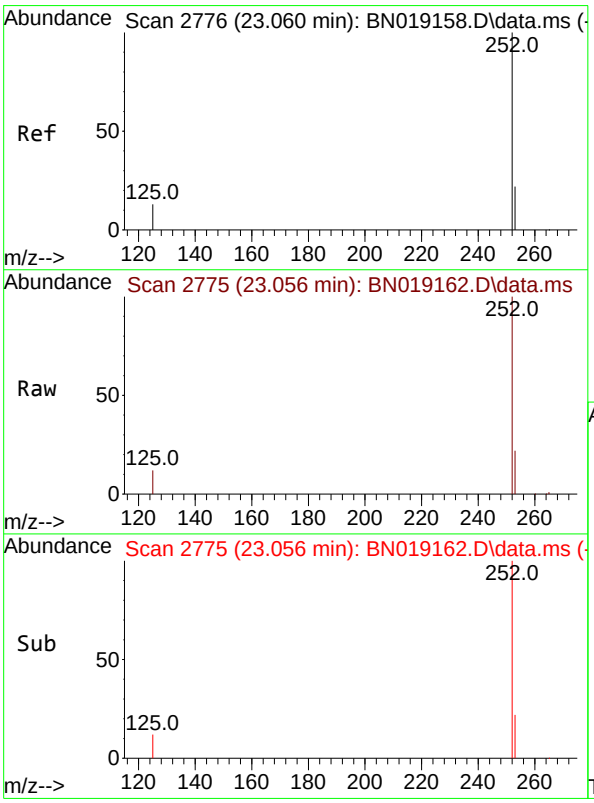
#36
Indeno(1,2,3-cd)pyrene
Concen: 6.306 ng
RT: 26.223 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN019162.D
Acq: 25 Mar 2022 18:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:276 Resp: 209589

Ion	Ratio	Lower	Upper
276	100		
138	29.6	24.5	36.7
277	24.7	19.8	29.8

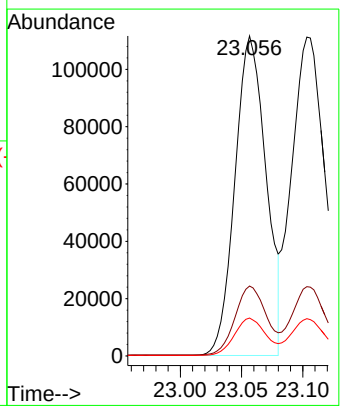


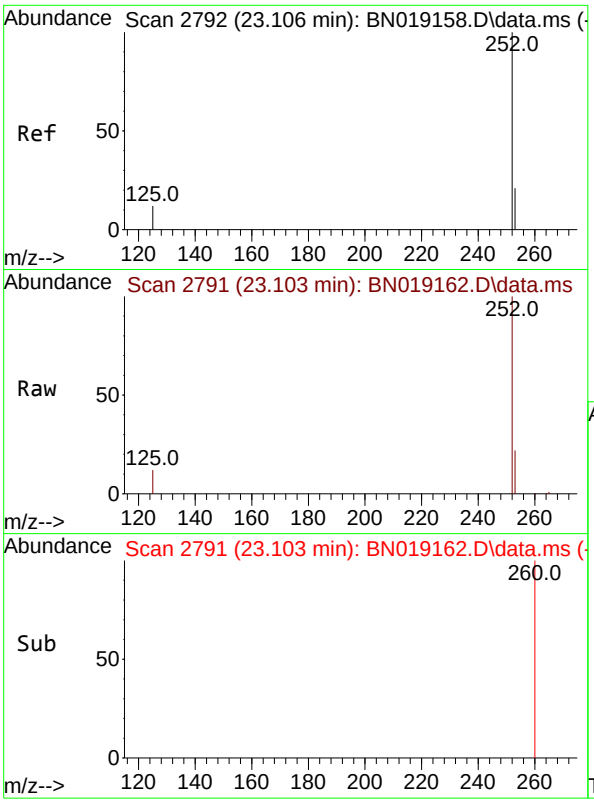


#37
Benzo(b)fluoranthene
Concen: 5.862 ng
RT: 23.056 min Scan# 2775
Delta R.T. -0.003 min
Lab File: BN019162.D
Acq: 25 Mar 2022 18:08

Tgt Ion:252 Resp: 196996

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.9	28.3
125	11.9	12.1	18.1#



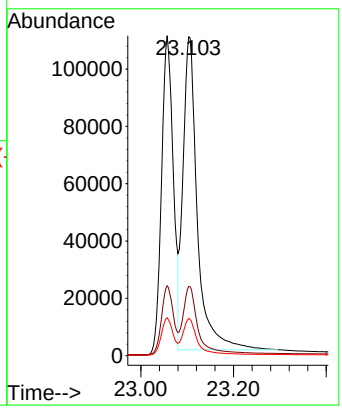


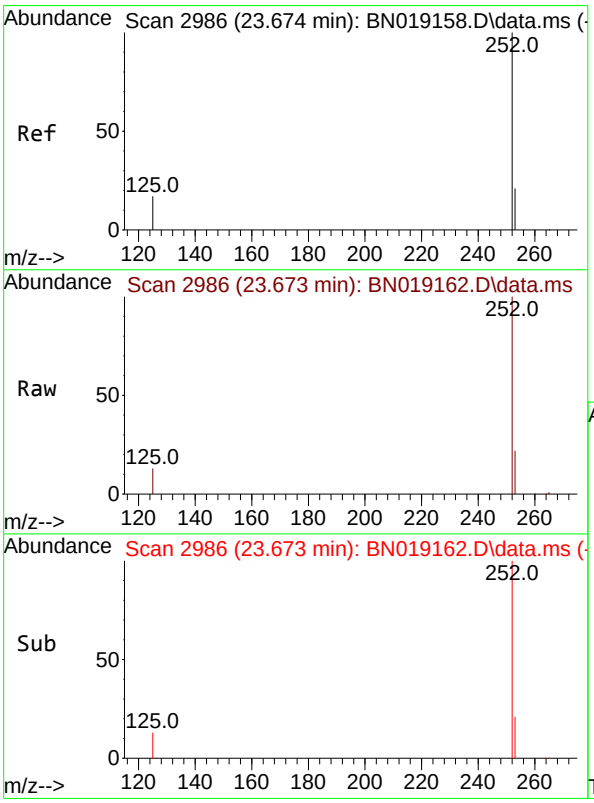
#38
Benzo(k)fluoranthene
Concen: 5.141 ng
RT: 23.103 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN019162.D
Acq: 25 Mar 2022 18:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:252 Resp: 236793

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.9	28.3
125	11.7	10.3	15.5

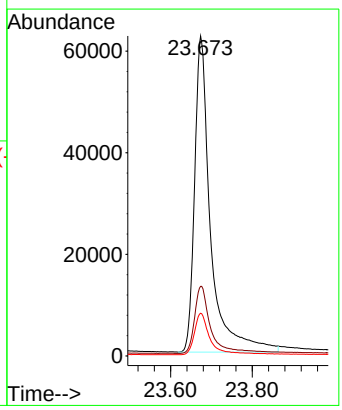


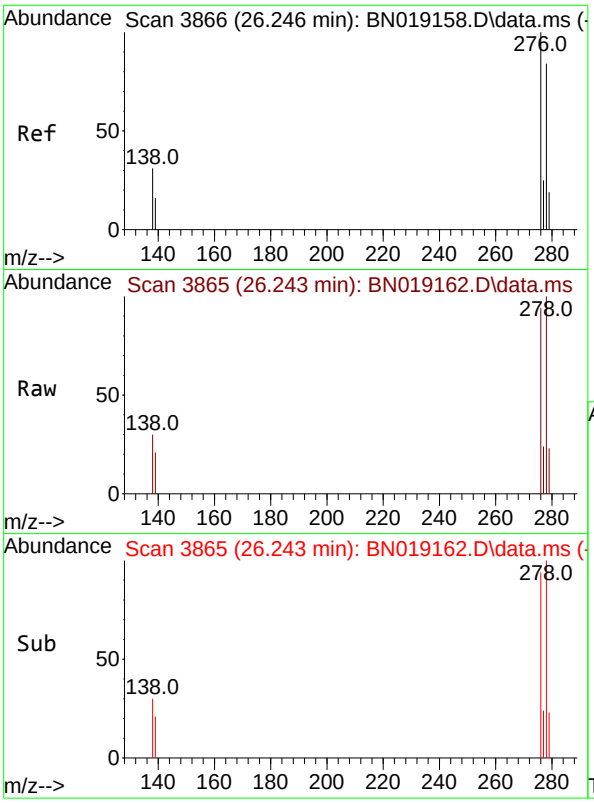


#39
Benzo(a)pyrene
Concen: 5.549 ng
RT: 23.673 min Scan# 2986
Delta R.T. -0.000 min
Lab File: BN019162.D
Acq: 25 Mar 2022 18:08

Tgt Ion:252 Resp: 169662

Ion	Ratio	Lower	Upper
252	100		
253	21.7	20.1	30.1
125	13.3	15.2	22.8#



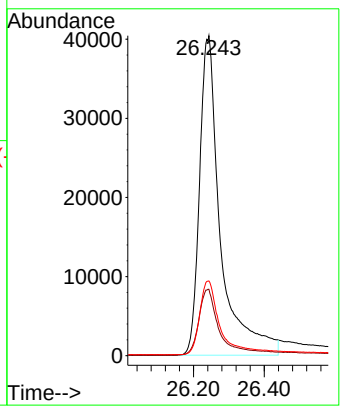


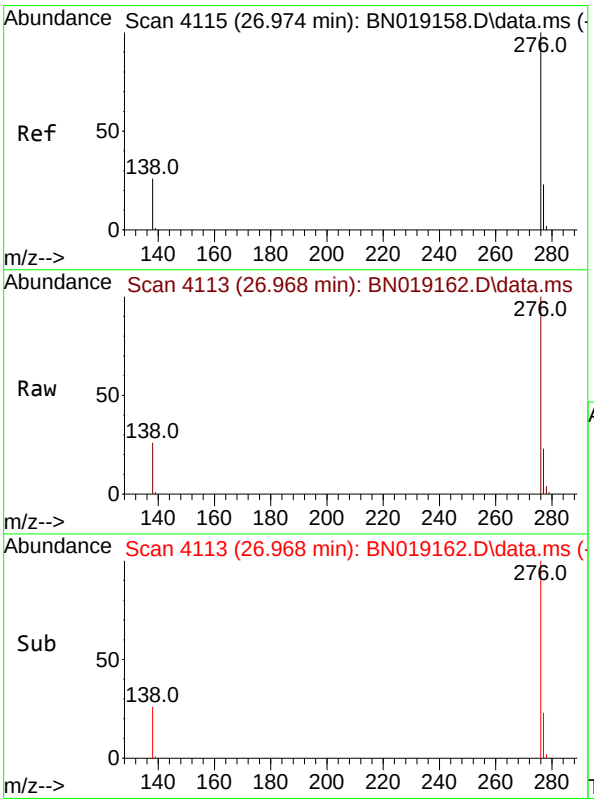
#40
Dibenzo(a,h)anthracene
Concen: 6.436 ng
RT: 26.243 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN019162.D
Acq: 25 Mar 2022 18:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:278 Resp: 166645

Ion	Ratio	Lower	Upper
278	100		
139	20.8	17.2	25.8
279	23.3	19.9	29.9





#41
Benzo(g,h,i)perylene
Concen: 6.339 ng
RT: 26.968 min Scan# 4113
Delta R.T. -0.006 min
Lab File: BN019162.D
Acq: 25 Mar 2022 18:08

Tgt Ion:276 Resp: 206892

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.4	29.0
138	26.1	21.0	31.6