Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033122\
Data File : BN019252.D
Acq On : 31 Mar 2022 11:41
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Mar 31 12:19:20 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN033122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 31 12:15:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.833	152	5420	0.400	ng		0.00
7) Naphthalene-d8	10.637	136	13252	0.400	ng	#	0.00
13) Acenaphthene-d10	14.474	164	8063	0.400	ng		0.00
19) Phenanthrene-d10	17.215	188	16508	0.400	ng	#	0.00
29) Chrysene-d12	21.405	240	14457	0.400	ng		0.00
35) Perylene-d12	23.761	264	11448	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.384	112	55490	4.236	ng		0.00
5) Phenol-d6	6.995	99	70197	4.934	ng		0.00
8) Nitrobenzene-d5	8.982	82	55880	5.539	ng		-0.01
11) 2-Methylnaphthalene-d10	12.227	152	109846	5.300	ng		0.00
14) 2,4,6-Tribromophenol	15.964	330	23632	5.870	ng		0.00
15) 2-Fluorobiphenyl	13.095	172	167664	4.861	ng		-0.01
27) Fluoranthene-d10	19.244	212	261315	5.305	ng		0.00
31) Terphenyl-d14	19.843	244	150492	4.643	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.225	88	28910	3.964	ng		99
3) n-Nitrosodimethylamine	3.543	42	34369	4.432	ng	#	99
6) bis(2-Chloroethyl)ether	7.248	93	74752	4.866	ng		97
9) Naphthalene	10.680	128	190424	4.983	ng		99
10) Hexachlorobutadiene	10.979	225	41878	4.698	ng	#	100
12) 2-Methylnaphthalene	12.299	142	128051	5.220	ng		99
16) Acenaphthylene	14.185	152	213526	5.716	ng		99
17) Acenaphthene	14.538	154	137956	5.175	ng		96
18) Fluorene	15.522	166	173059	5.214	ng		99
21) 4-Bromophenyl-phenylether	16.405	248	56952	5.174	ng		94
22) Hexachlorobenzene	16.528	284	66549	4.785	ng		100
23) Atrazine	16.672	200	42880	5.770	ng		96
25) Phenanthrene	17.256	178	274641	5.149	ng		100
26) Anthracene	17.349	178	249707	5.618	ng		100
28) Fluoranthene	19.274	202	323715	5.170	ng		100
30) Pyrene	19.636	202	328366	4.466	ng		100
32) Benzo(a)anthracene	21.387	228	273453	5.162	ng		99
33) Chrysene	21.440	228	286224	4.332	ng		99
34) Bis(2-ethylhexyl)phtha...	21.315	149	167373	4.290	ng		99
36) Indeno(1,2,3-cd)pyrene	26.194	276	265142	5.496	ng		98
37) Benzo(b)fluoranthene	23.042	252	246873	3.960	ng	#	94
38) Benzo(k)fluoranthene	23.089	252	257392	3.321	ng		96
39) Benzo(a)pyrene	23.656	252	210682	4.635	ng	#	91
40) Dibenzo(a,h)anthracene	26.208	278	203194	5.521	ng		97
41) Benzo(g,h,i)perylene	26.939	276	254481	4.824	ng		99

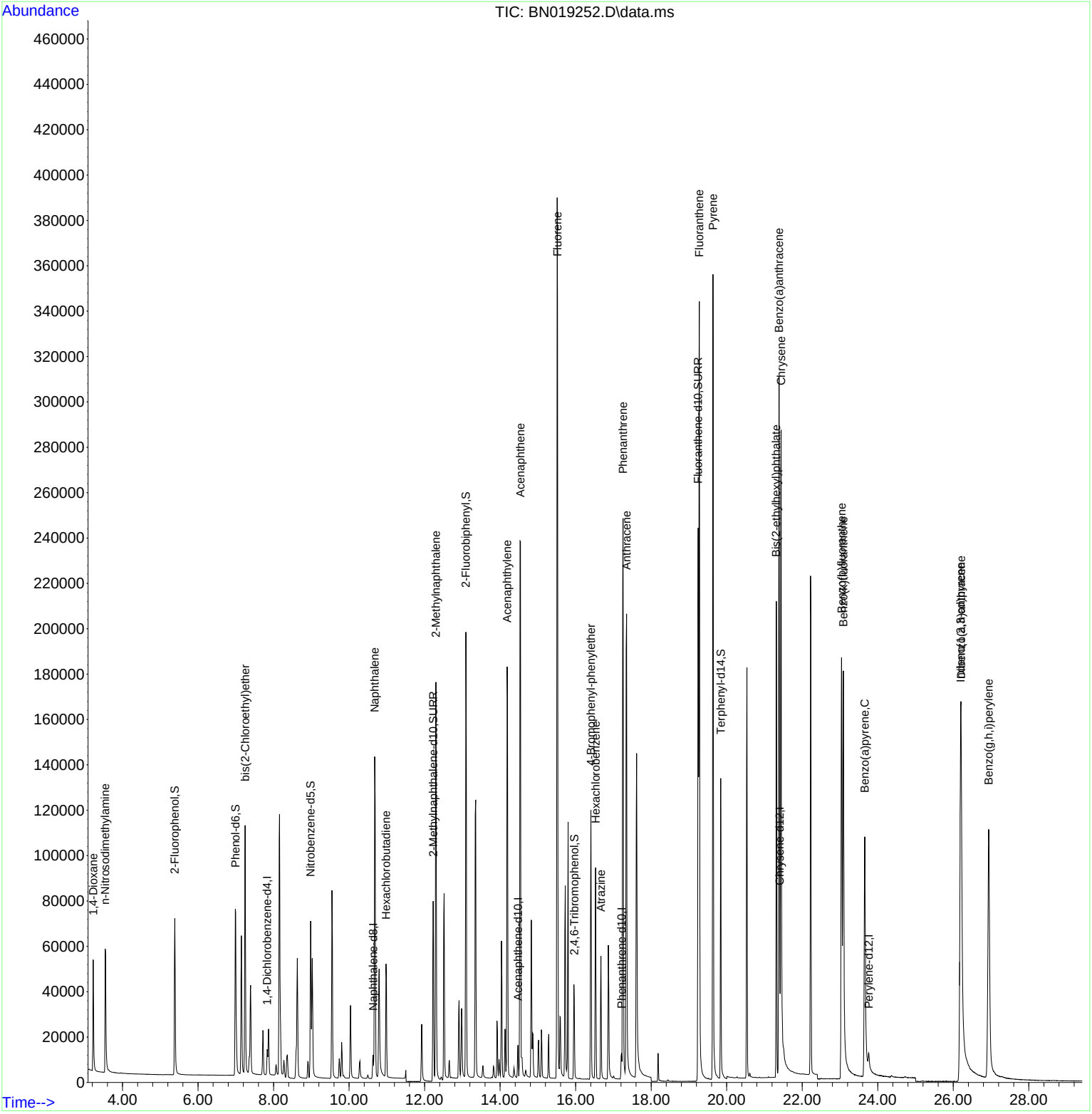
(#) = qualifier out of range (m) = manual integration (+) = signals summed

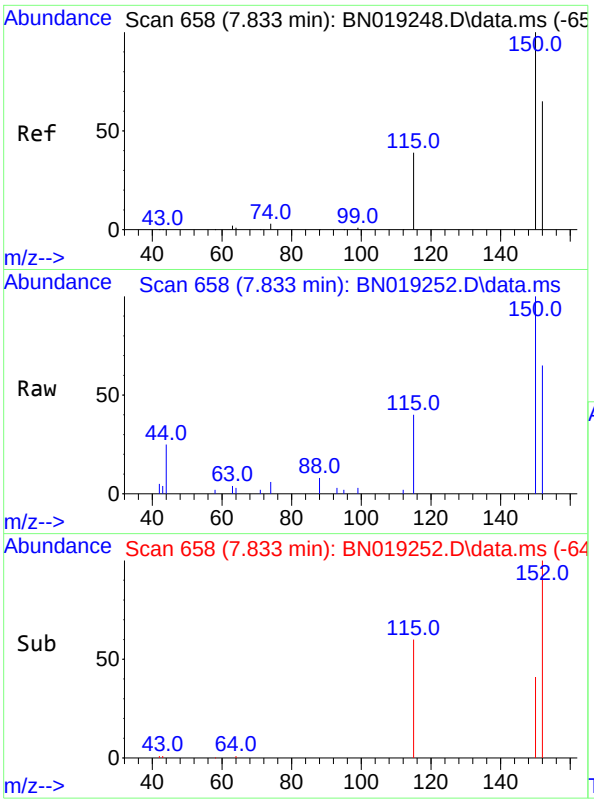
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033122\
Data File : BN019252.D
Acq On : 31 Mar 2022 11:41
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Mar 31 12:19:20 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN033122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 31 12:15:51 2022
Response via : Initial Calibration



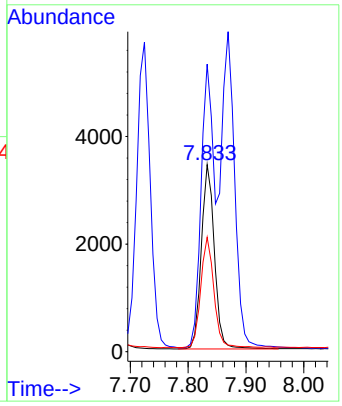


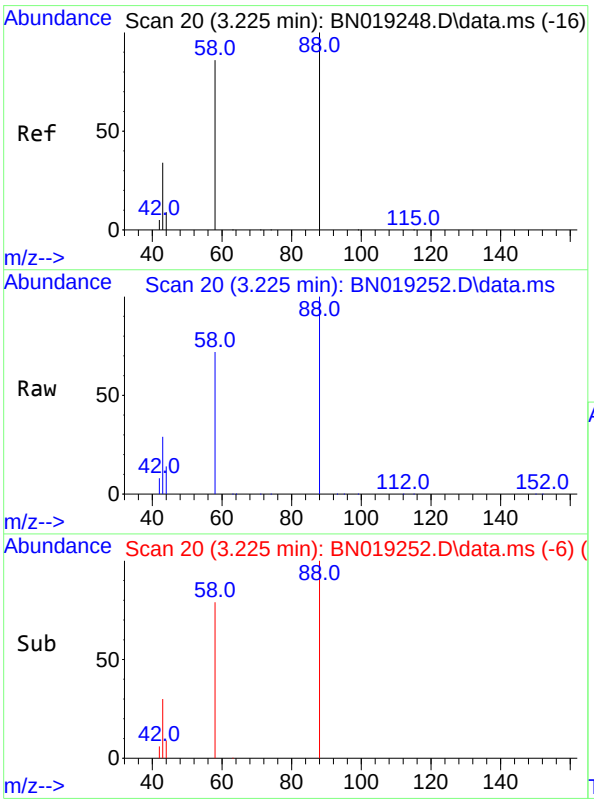
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.833 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN019252.D
Acq: 31 Mar 2022 11:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 5420

Ion	Ratio	Lower	Upper
152	100		
150	153.8	123.9	185.9
115	61.2	48.2	72.4

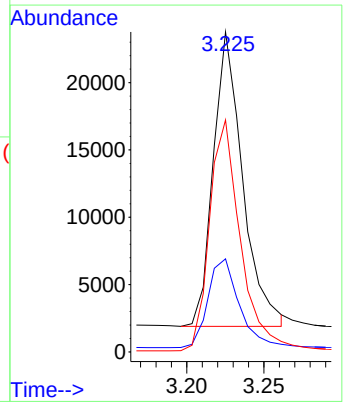


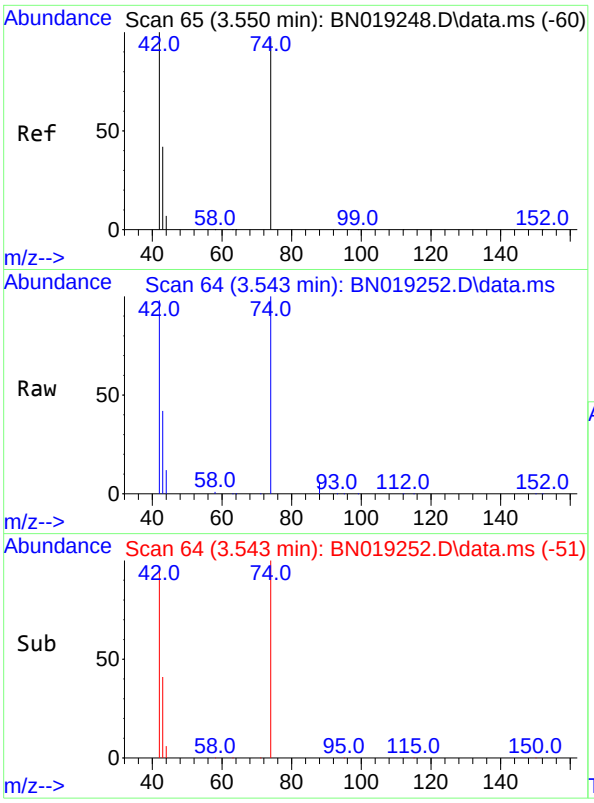


#2
1,4-Dioxane
Concen: 3.964 ng
RT: 3.225 min Scan# 20
Delta R.T. 0.000 min
Lab File: BN019252.D
Acq: 31 Mar 2022 11:41

Tgt Ion: 88 Resp: 28910

Ion	Ratio	Lower	Upper
88	100		
43	32.2	24.6	37.0
58	81.9	65.4	98.2



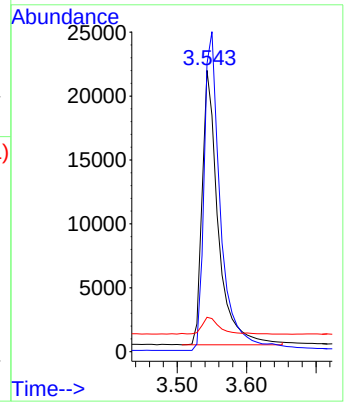


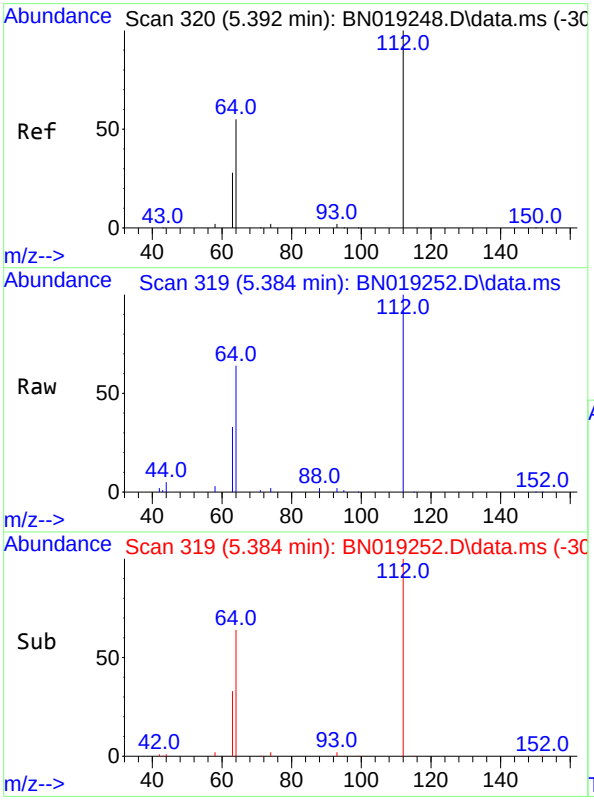
#3
n-Nitrosodimethylamine
Concen: 4.432 ng
RT: 3.543 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN019252.D
Acq: 31 Mar 2022 11:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion: 42 Resp: 34369

Ion	Ratio	Lower	Upper
42	100		
74	120.3	96.9	145.3
44	6.8	7.3	10.9#

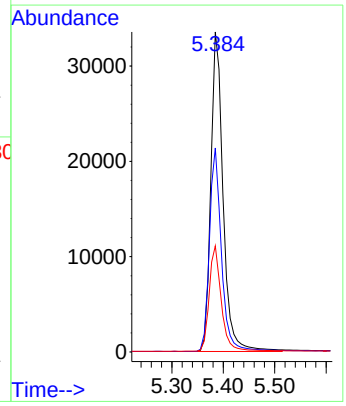


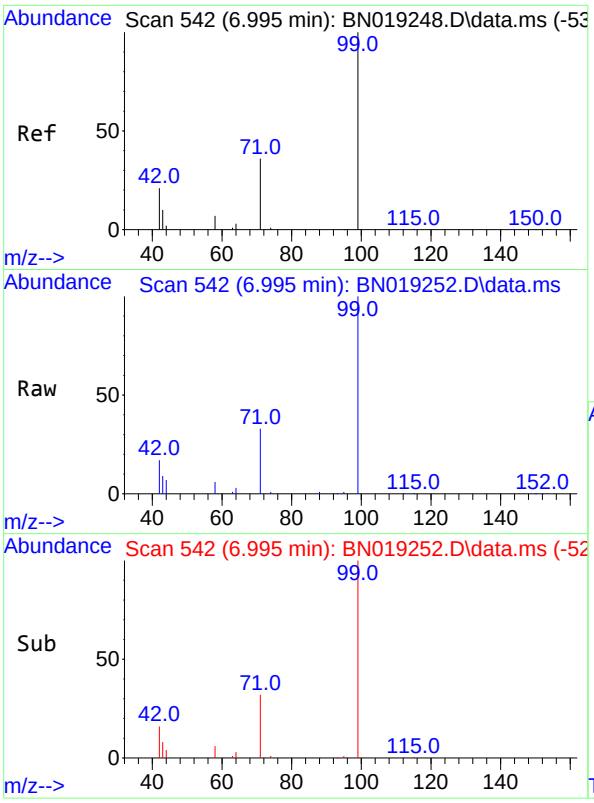


#4
2-Fluorophenol
Concen: 4.236 ng
RT: 5.384 min Scan# 319
Delta R.T. -0.007 min
Lab File: BN019252.D
Acq: 31 Mar 2022 11:41

Tgt Ion:112 Resp: 55490

Ion	Ratio	Lower	Upper
112	100		
64	62.8	47.8	71.8
63	32.8	25.7	38.5



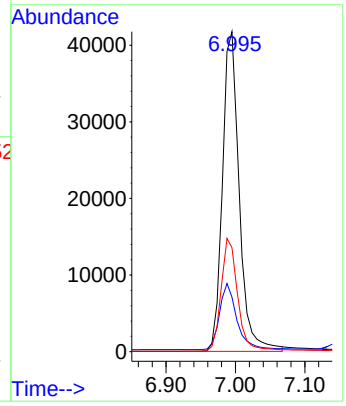


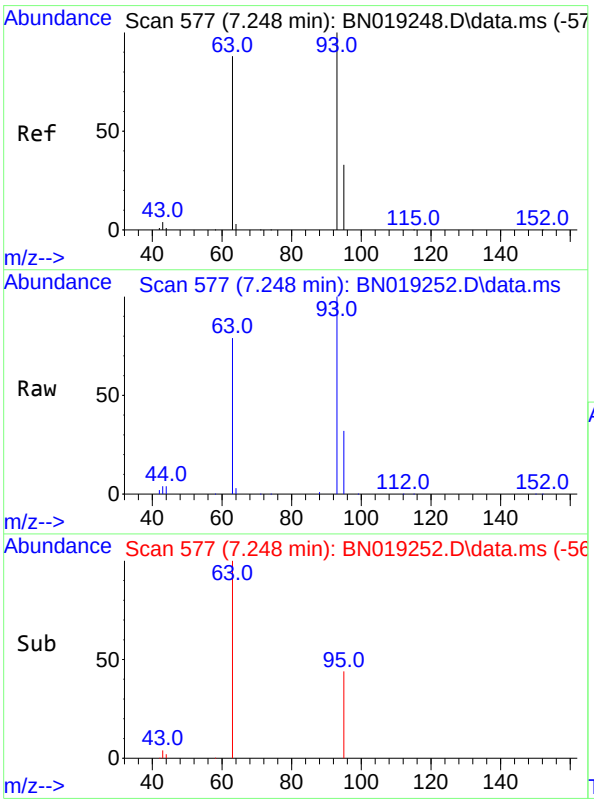
#5
Phenol-d6
Concen: 4.934 ng
RT: 6.995 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN019252.D
Acq: 31 Mar 2022 11:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion: 99 Resp: 70197

Ion	Ratio	Lower	Upper
99	100		
42	21.4	16.2	24.4
71	34.9	27.7	41.5

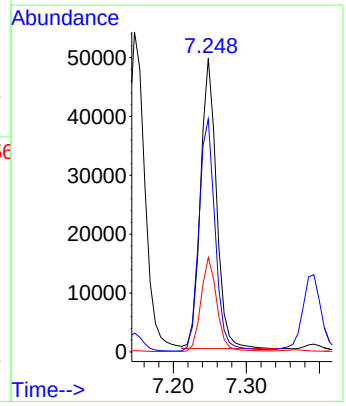


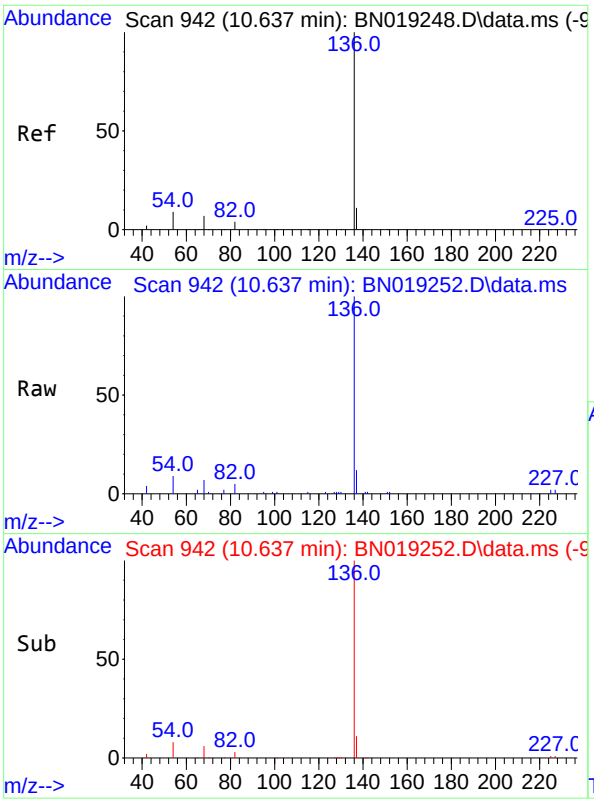


#6
bis(2-Chloroethyl)ether
Concen: 4.866 ng
RT: 7.248 min Scan# 577
Delta R.T. 0.000 min
Lab File: BN019252.D
Acq: 31 Mar 2022 11:41

Tgt Ion: 93 Resp: 74752

Ion	Ratio	Lower	Upper
93	100		
63	81.9	62.8	94.2
95	32.4	26.2	39.4



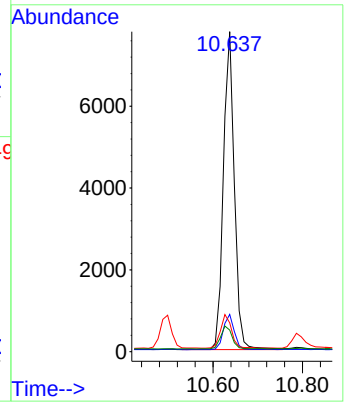


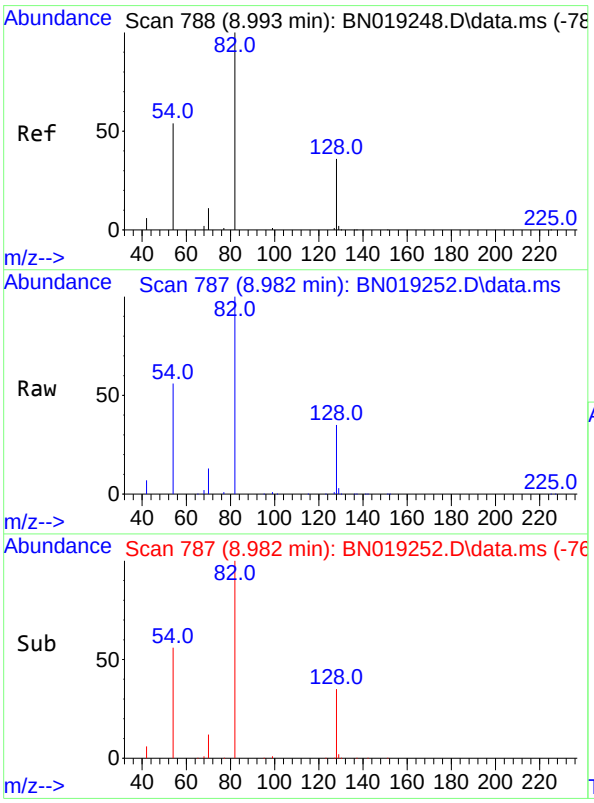
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN019252.D
Acq: 31 Mar 2022 11:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:136 Resp: 13252

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.0	13.4
54	9.0	5.8	8.6#
68	6.7	4.6	7.0

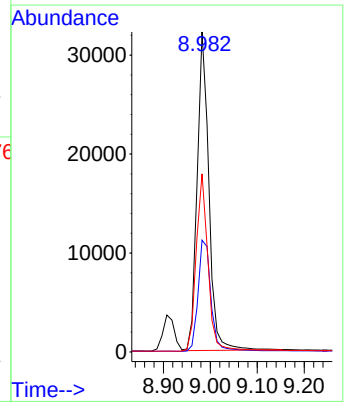


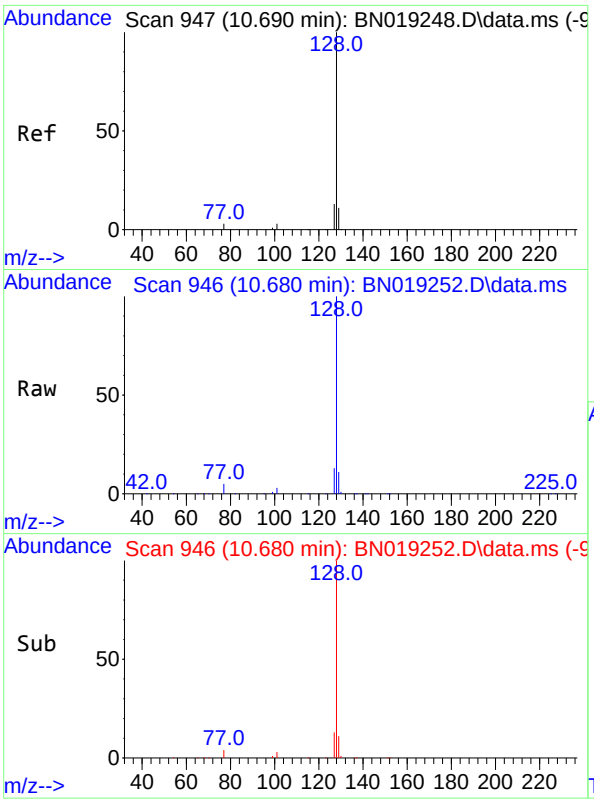


#8
Nitrobenzene-d5
Concen: 5.539 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN019252.D
Acq: 31 Mar 2022 11:41

Tgt Ion: 82 Resp: 55880

Ion	Ratio	Lower	Upper
82	100		
128	35.0	33.0	49.6
54	55.7	42.5	63.7



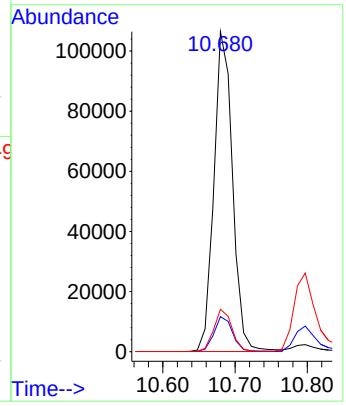


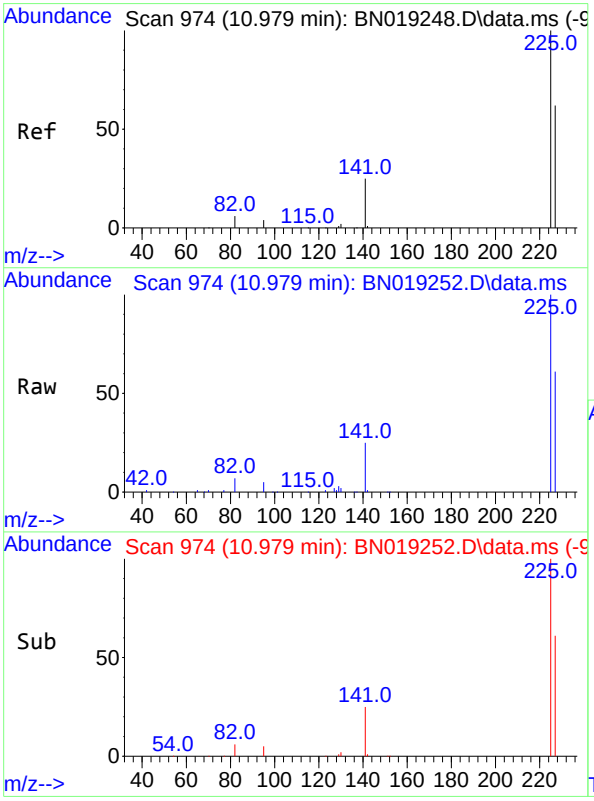
#9
Naphthalene
Concen: 4.983 ng
RT: 10.680 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN019252.D
Acq: 31 Mar 2022 11:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:128 Resp: 190424

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.4
127	13.2	10.7	16.1

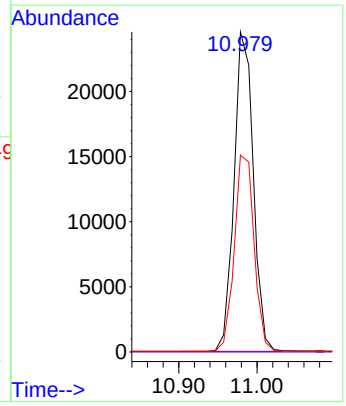


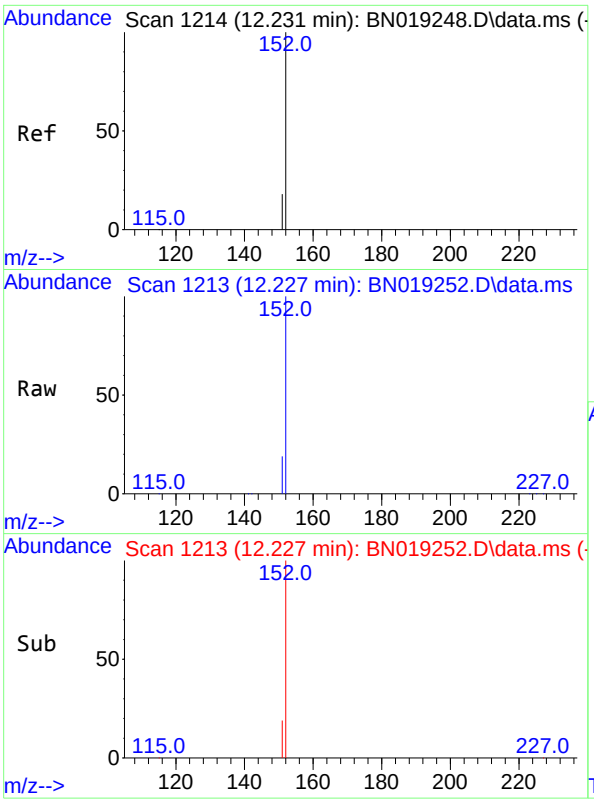


#10
Hexachlorobutadiene
Concen: 4.698 ng
RT: 10.979 min Scan# 974
Delta R.T. 0.000 min
Lab File: BN019252.D
Acq: 31 Mar 2022 11:41

Tgt Ion:225 Resp: 41878

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.4	51.0	76.6



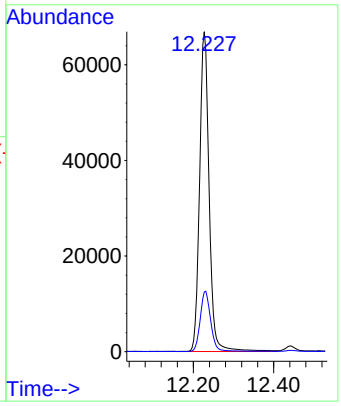


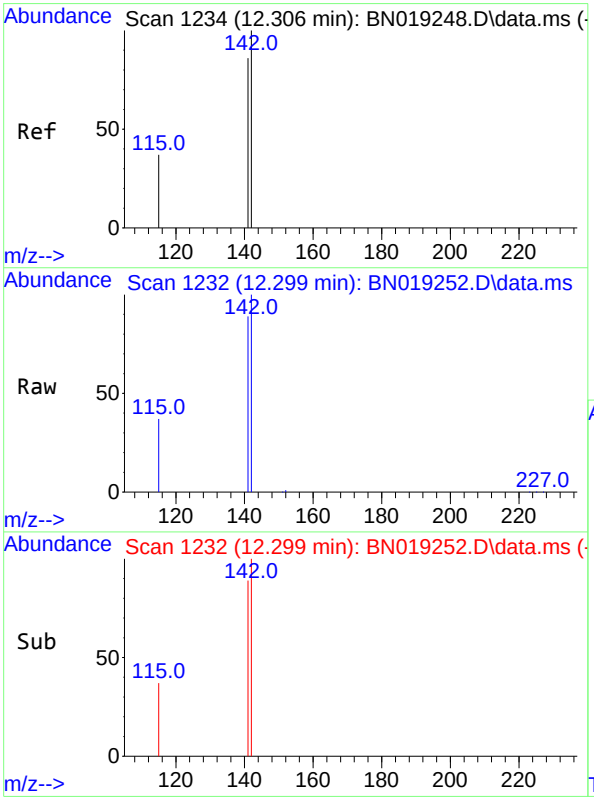
#11
2-Methylnaphthalene-d10
Concen: 5.300 ng
RT: 12.227 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN019252.D
Acq: 31 Mar 2022 11:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 109846

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.5	24.7

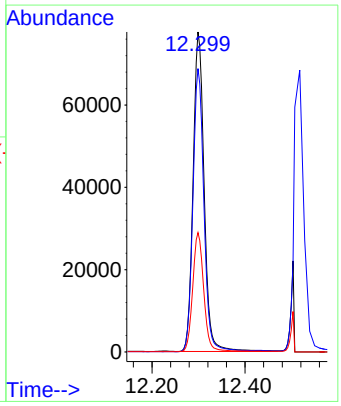


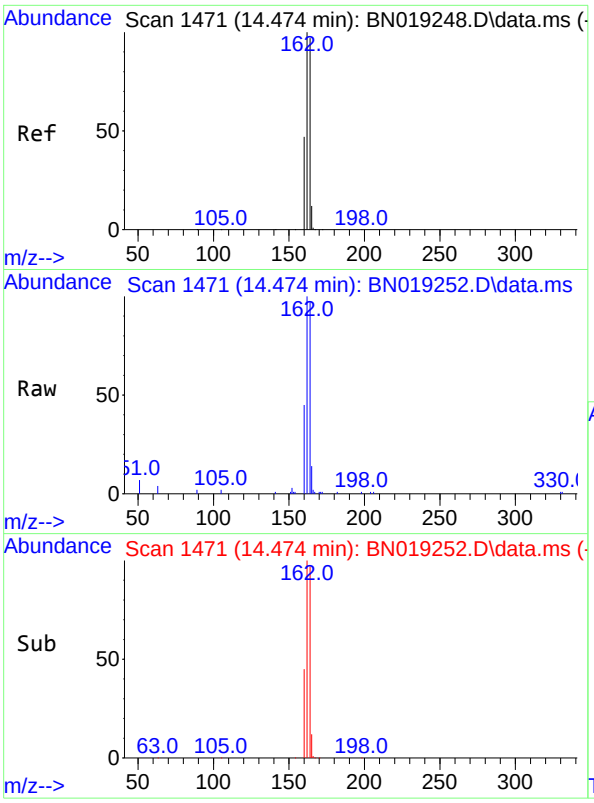


#12
2-Methylnaphthalene
Concen: 5.220 ng
RT: 12.299 min Scan# 1232
Delta R.T. -0.008 min
Lab File: BN019252.D
Acq: 31 Mar 2022 11:41

Tgt Ion:142 Resp: 128051

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.0	105.0
115	37.3	29.8	44.8



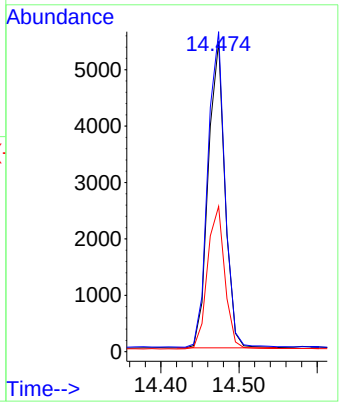


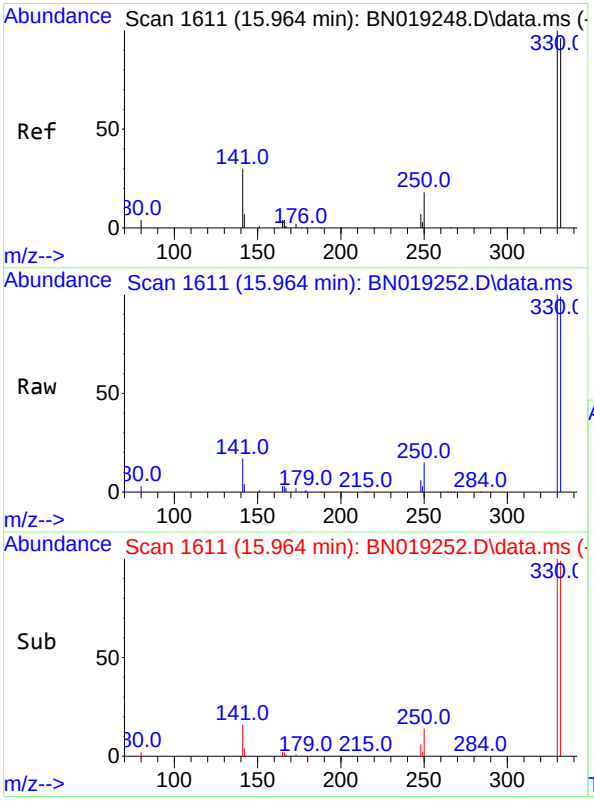
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN019252.D
Acq: 31 Mar 2022 11:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:164 Resp: 8063

Ion	Ratio	Lower	Upper
164	100		
162	103.2	85.2	127.8
160	46.9	41.5	62.3

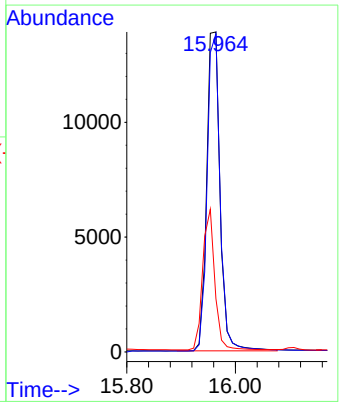


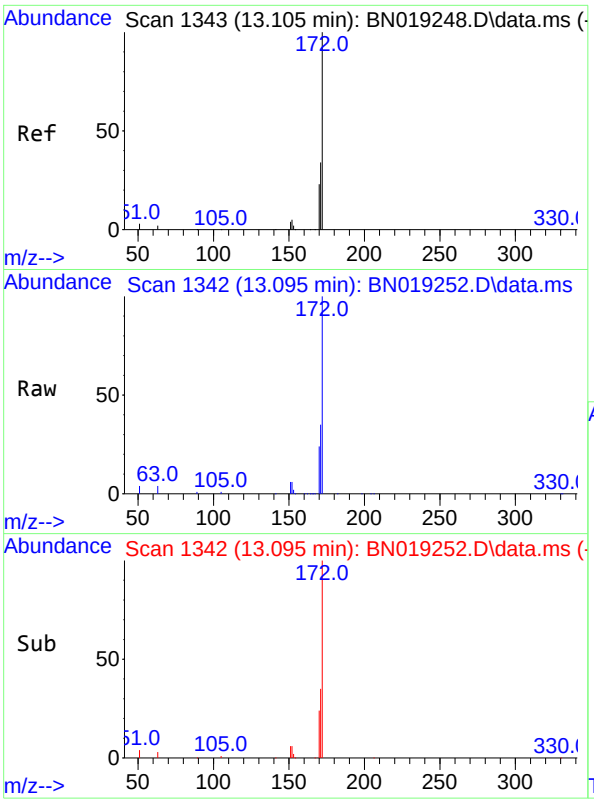


#14
2,4,6-Tribromophenol
Concen: 5.870 ng
RT: 15.964 min Scan# 1611
Delta R.T. 0.000 min
Lab File: BN019252.D
Acq: 31 Mar 2022 11:41

Tgt Ion:330 Resp: 23632

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.8	115.2
141	40.1	32.2	48.2



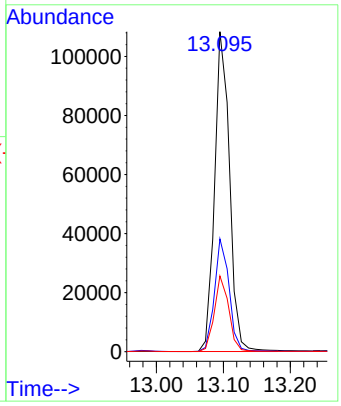


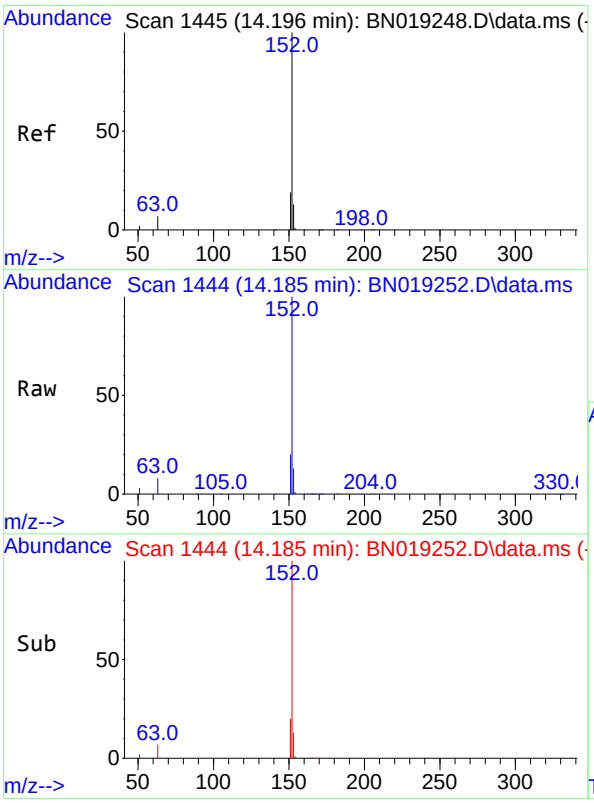
#15
2-Fluorobiphenyl
Concen: 4.861 ng
RT: 13.095 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN019252.D
Acq: 31 Mar 2022 11:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:172 Resp: 167664

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.2
170	23.7	18.7	28.1

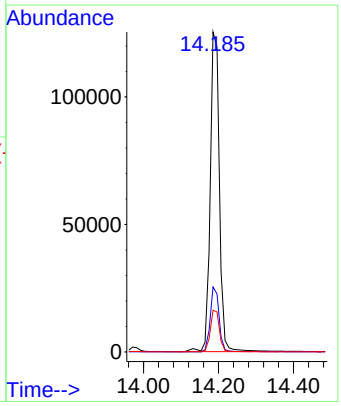


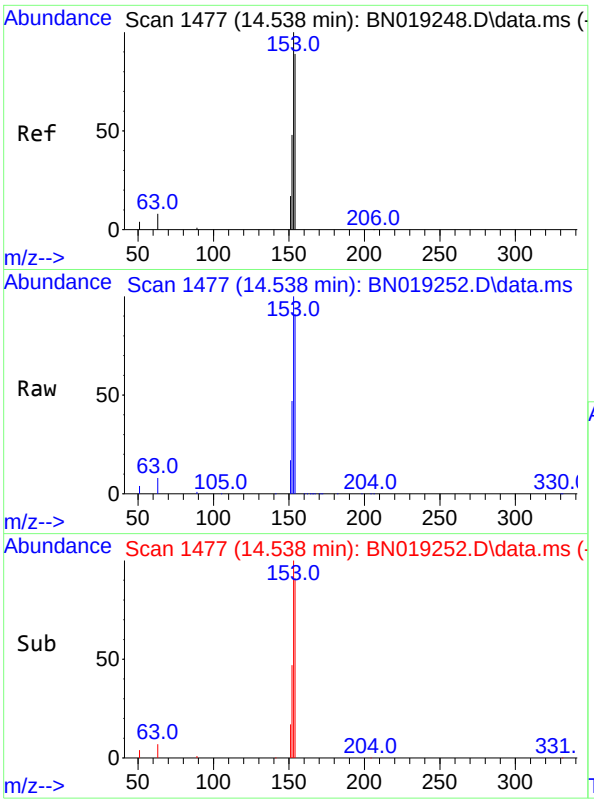


#16
Acenaphthylene
Concen: 5.716 ng
RT: 14.185 min Scan# 1444
Delta R.T. -0.011 min
Lab File: BN019252.D
Acq: 31 Mar 2022 11:41

Tgt Ion:152 Resp: 213526

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.9	23.9
153	13.0	10.6	15.8



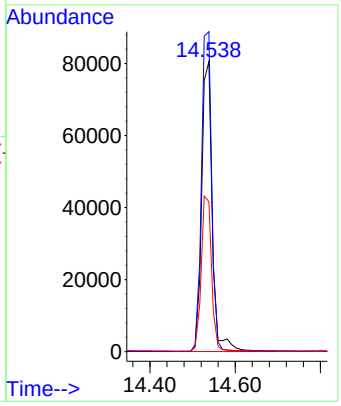


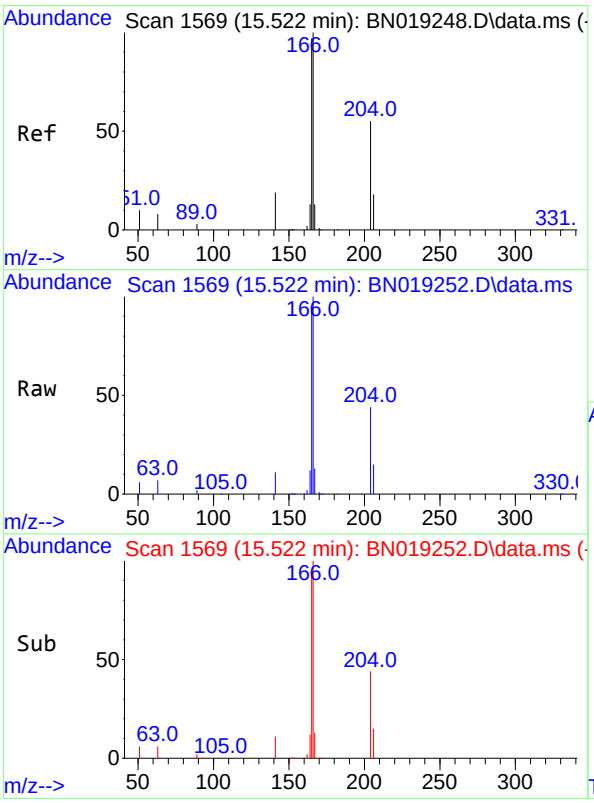
#17
Acenaphthene
Concen: 5.175 ng
RT: 14.538 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN019252.D
Acq: 31 Mar 2022 11:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:154 Resp: 137956

Ion	Ratio	Lower	Upper
154	100		
153	108.0	89.7	134.5
152	52.2	44.7	67.1

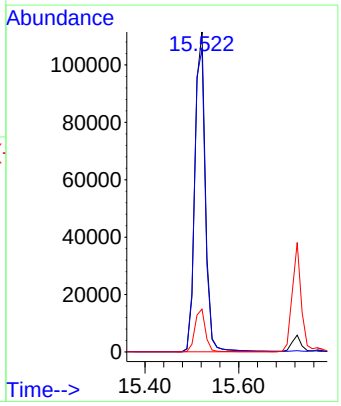


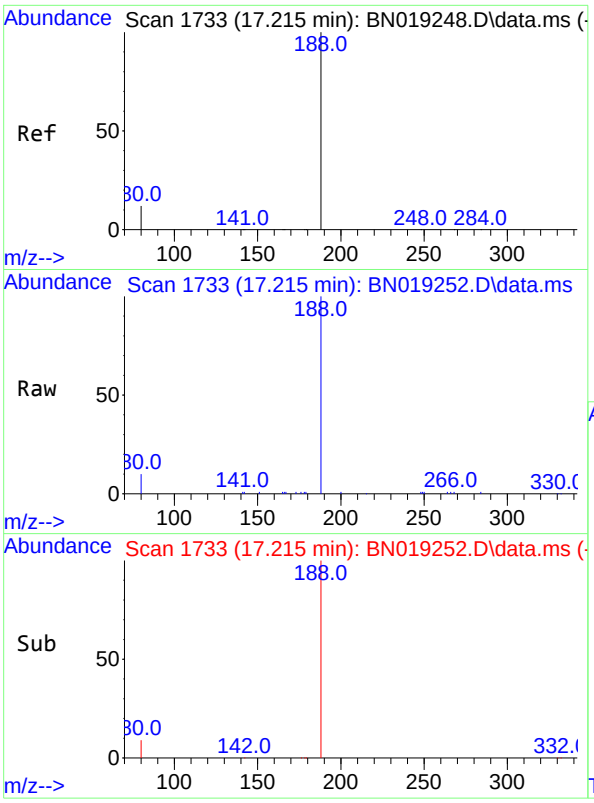


#18
Fluorene
Concen: 5.214 ng
RT: 15.522 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BN019252.D
Acq: 31 Mar 2022 11:41

Tgt Ion:166 Resp: 173059

Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.2	118.8
167	13.5	10.7	16.1



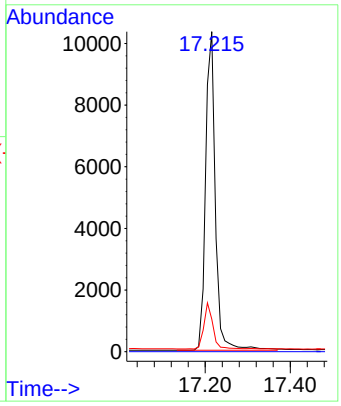


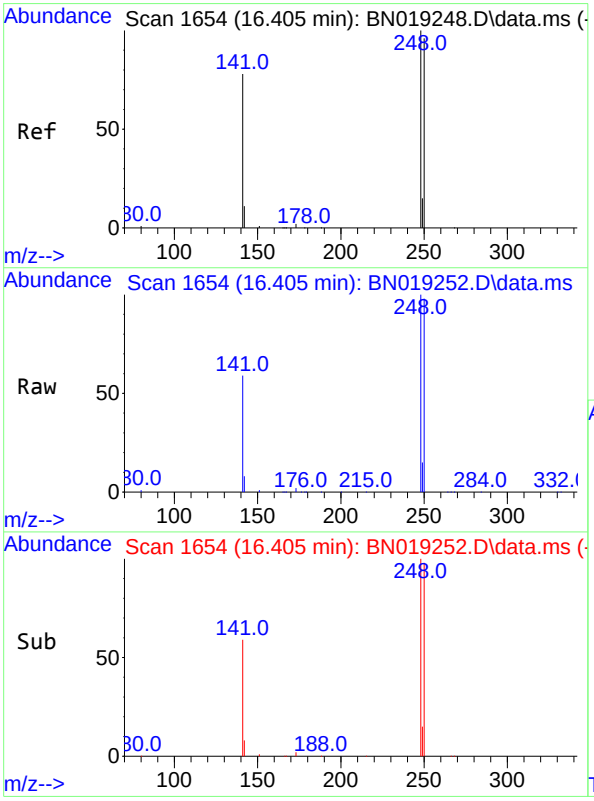
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.215 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019252.D
Acq: 31 Mar 2022 11:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:188 Resp: 16508

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.2	11.8	17.8#

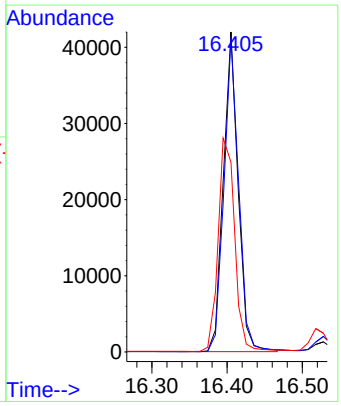


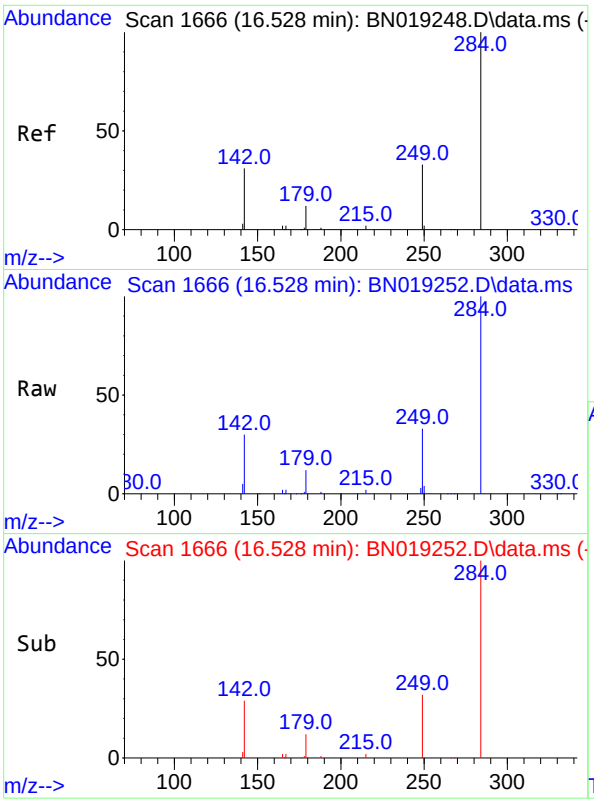


#21
4-Bromophenyl-phenylether
Concen: 5.174 ng
RT: 16.405 min Scan# 1654
Delta R.T. 0.000 min
Lab File: BN019252.D
Acq: 31 Mar 2022 11:41

Tgt Ion:248 Resp: 56952

Ion	Ratio	Lower	Upper
248	100		
250	98.2	80.7	121.1
141	59.3	39.6	59.4



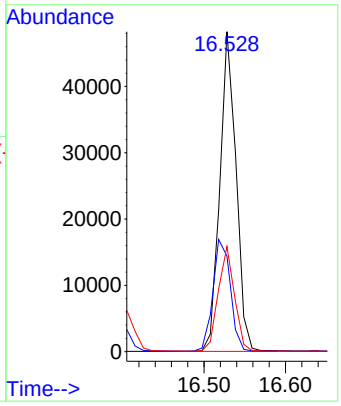


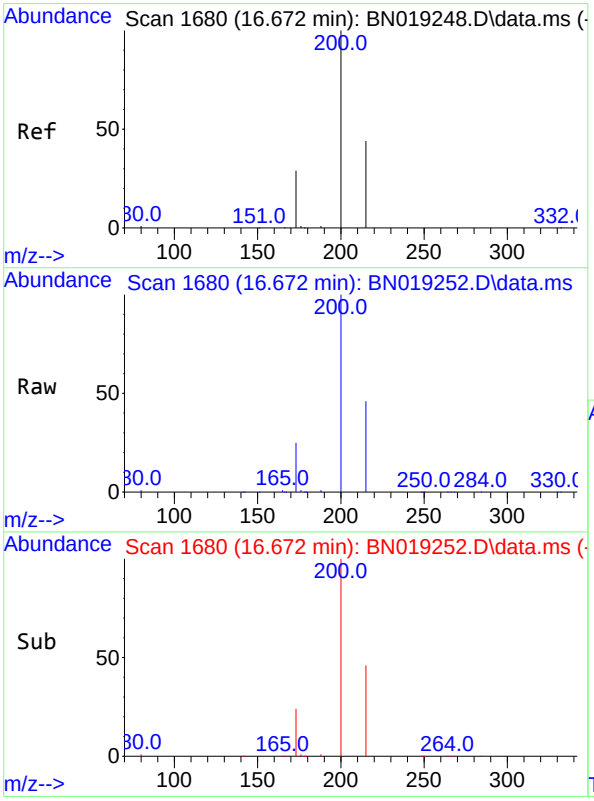
#22
Hexachlorobenzene
Concen: 4.785 ng
RT: 16.528 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019252.D
Acq: 31 Mar 2022 11:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:284 Resp: 66549

Ion	Ratio	Lower	Upper
284	100		
142	37.7	29.8	44.8
249	32.6	26.2	39.2

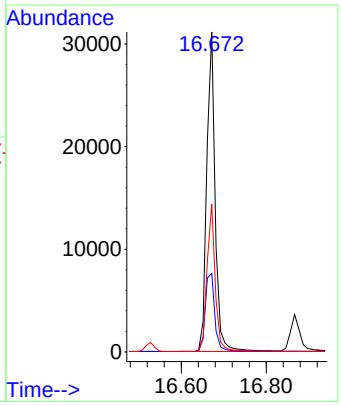


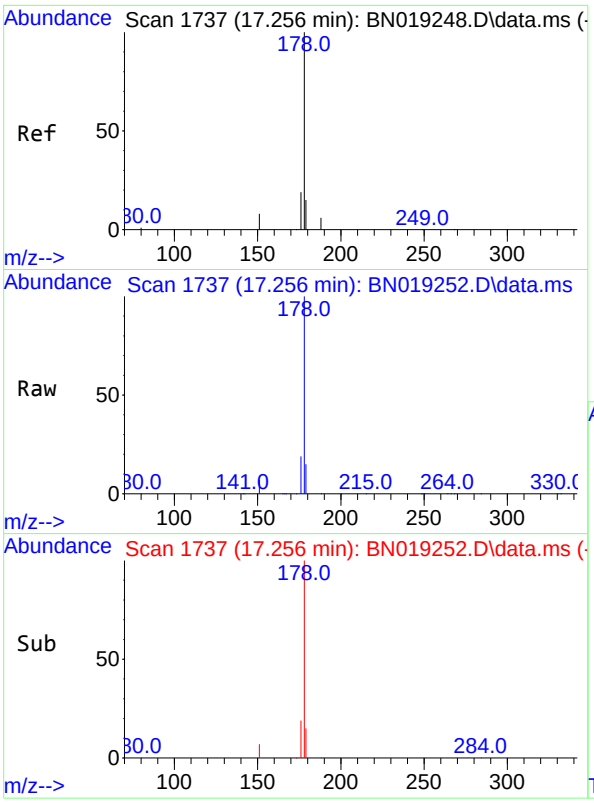


#23
Atrazine
Concen: 5.770 ng
RT: 16.672 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BN019252.D
Acq: 31 Mar 2022 11:41

Tgt Ion:200 Resp: 42880

Ion	Ratio	Lower	Upper
200	100		
173	24.6	23.9	35.9
215	46.3	36.6	54.8





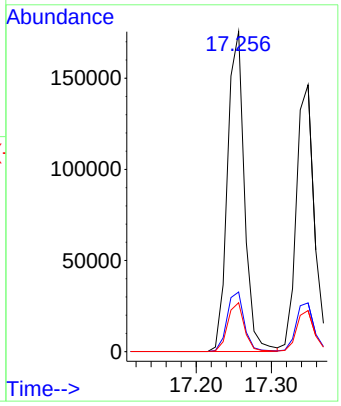
#25
Phenanthrene
Concen: 5.149 ng
RT: 17.256 min Scan# 1

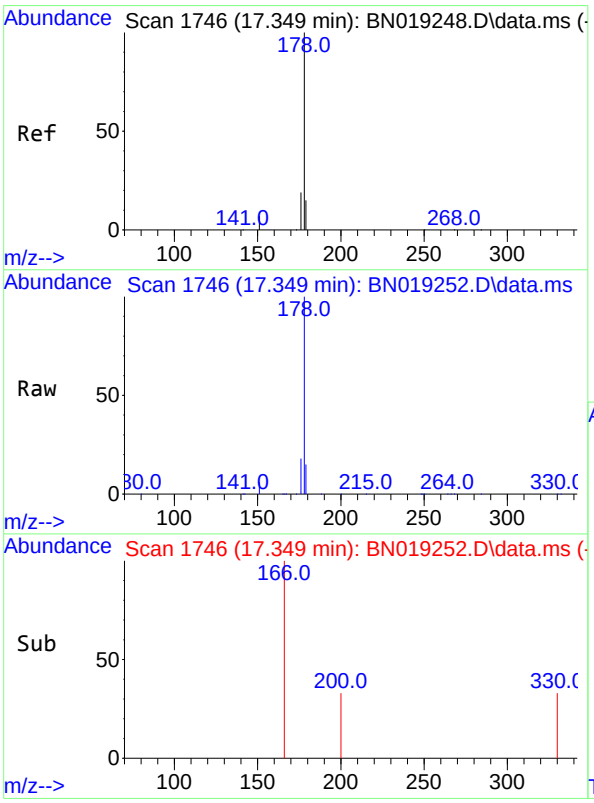
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Delta R.T. 0.000 min
Lab File: BN019252.D
Acq: 31 Mar 2022 11:41

Tgt Ion:178 Resp: 274641

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	15.2	12.2	18.2

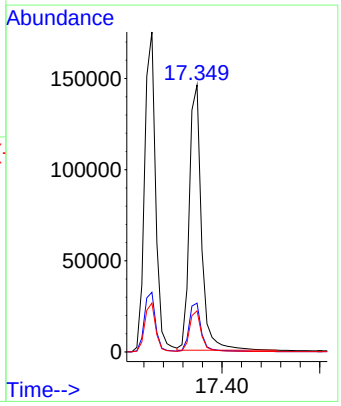


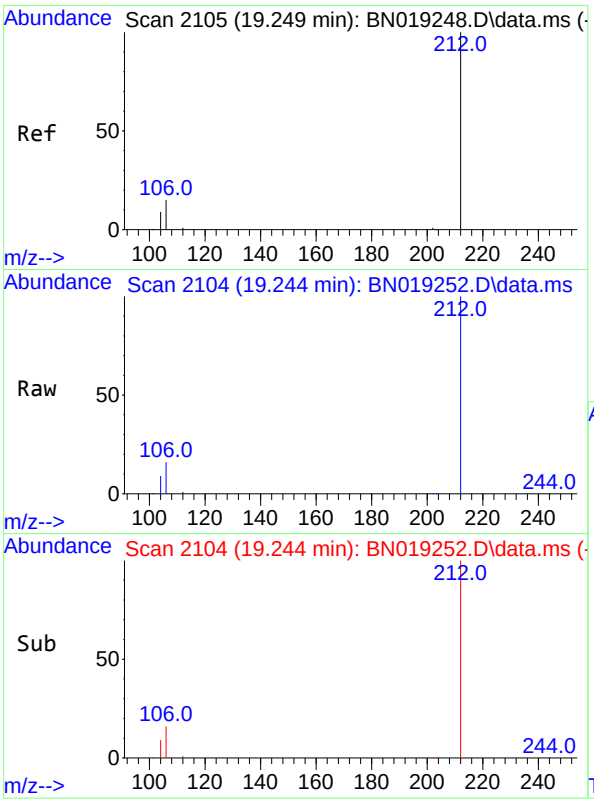


#26
Anthracene
Concen: 5.618 ng
RT: 17.349 min Scan# 1746
Delta R.T. 0.000 min
Lab File: BN019252.D
Acq: 31 Mar 2022 11:41

Tgt Ion:178 Resp: 249707

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	15.2	12.2	18.4



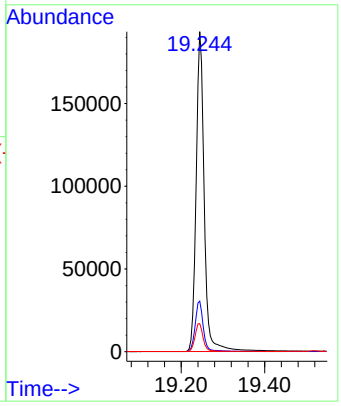


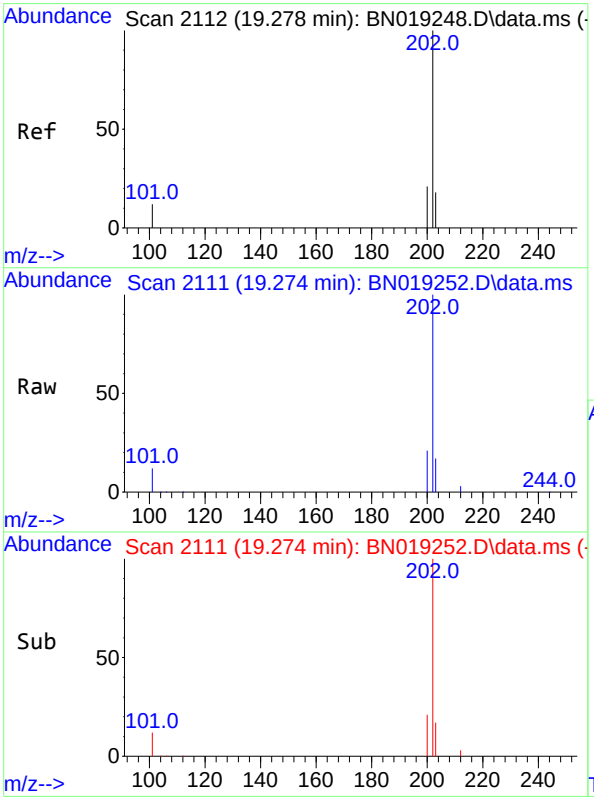
#27
Fluoranthene-d10
Concen: 5.305 ng
RT: 19.244 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN019252.D
Acq: 31 Mar 2022 11:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:212 Resp: 261315

Ion	Ratio	Lower	Upper
212	100		
106	16.0	12.7	19.1
104	9.0	7.1	10.7

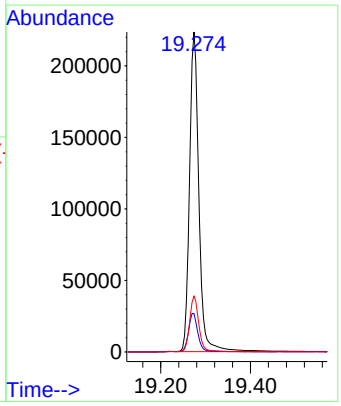


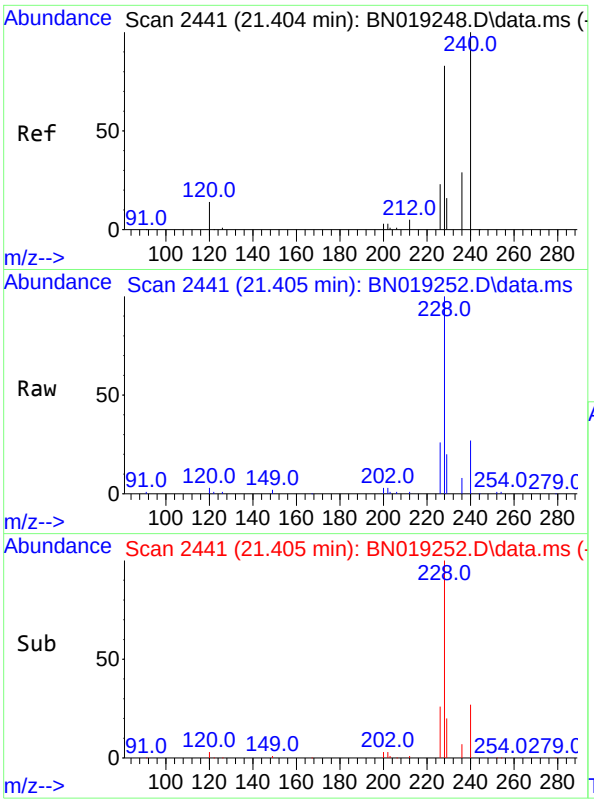


#28
Fluoranthene
Concen: 5.170 ng
RT: 19.274 min Scan# 2111
Delta R.T. -0.004 min
Lab File: BN019252.D
Acq: 31 Mar 2022 11:41

Tgt Ion:202 Resp: 323715

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.8	14.6
203	17.1	13.7	20.5



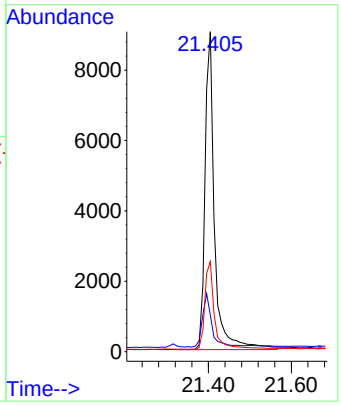


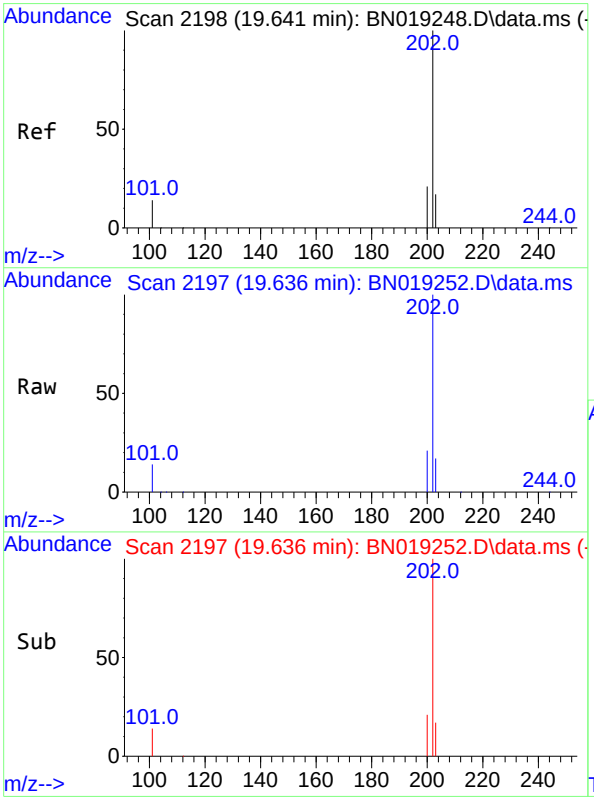
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.405 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN019252.D
Acq: 31 Mar 2022 11:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:240 Resp: 14457

Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.5	12.7
236	28.2	22.4	33.6

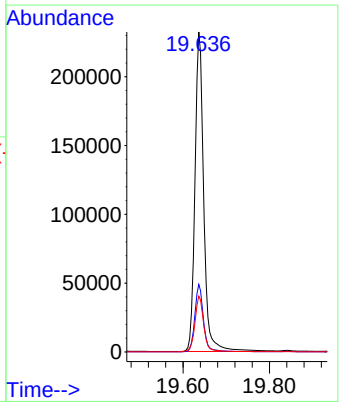


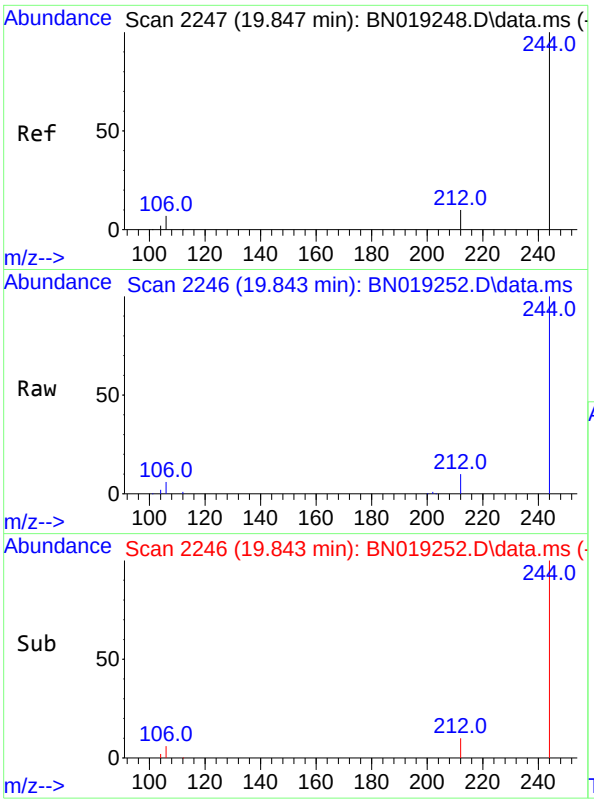


#30
Pyrene
Concen: 4.466 ng
RT: 19.636 min Scan# 2197
Delta R.T. -0.004 min
Lab File: BN019252.D
Acq: 31 Mar 2022 11:41

Tgt Ion:202 Resp: 328366

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



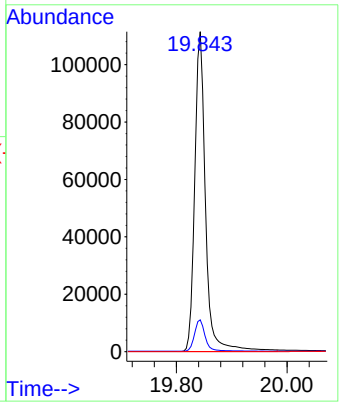


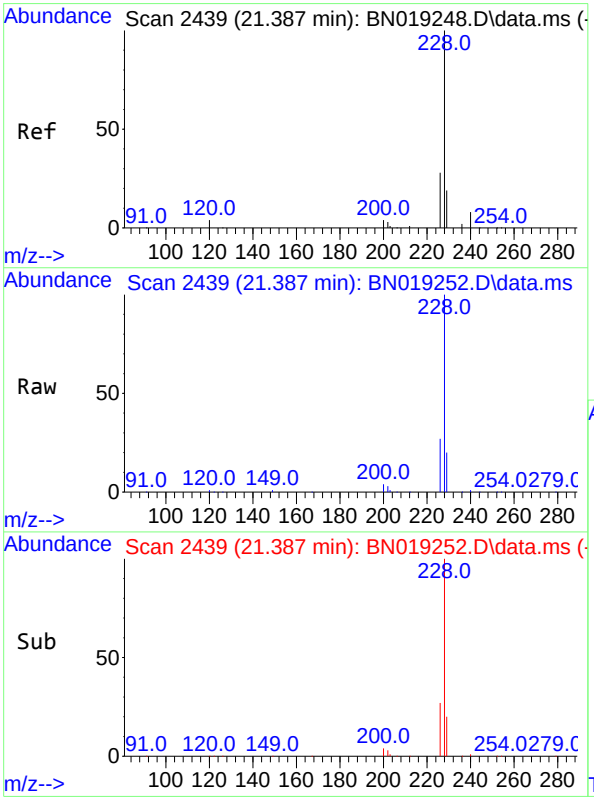
#31
Terphenyl-d14
Concen: 4.643 ng
RT: 19.843 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN019252.D
Acq: 31 Mar 2022 11:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:244 Resp: 150492

Ion	Ratio	Lower	Upper
244	100		
212	10.0	8.2	12.4
122	0.0	0.0	0.0

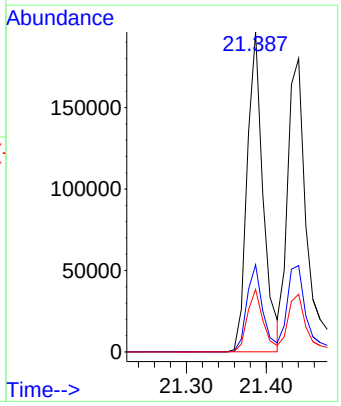


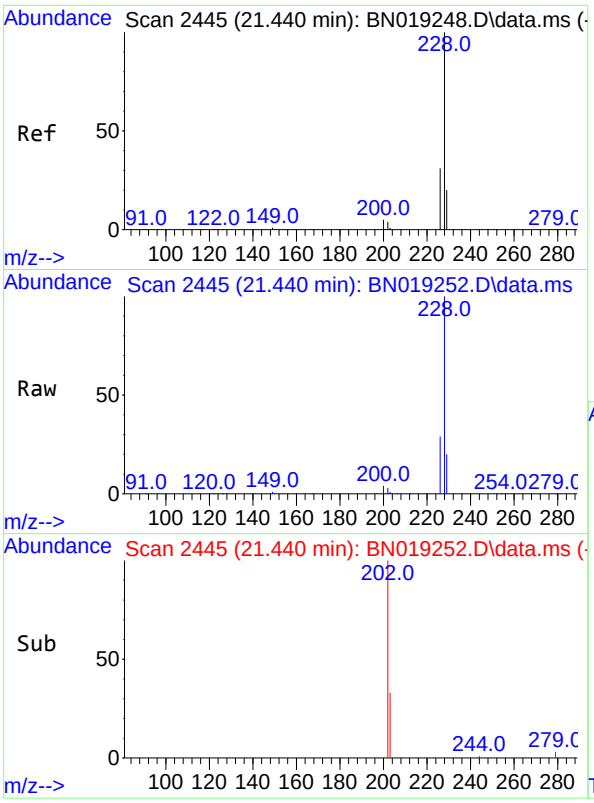


#32
Benzo(a)anthracene
Concen: 5.162 ng
RT: 21.387 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BN019252.D
Acq: 31 Mar 2022 11:41

Tgt Ion:228 Resp: 273453

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.9	32.9
229	19.5	16.0	24.0



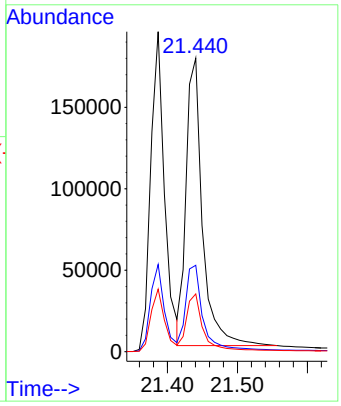


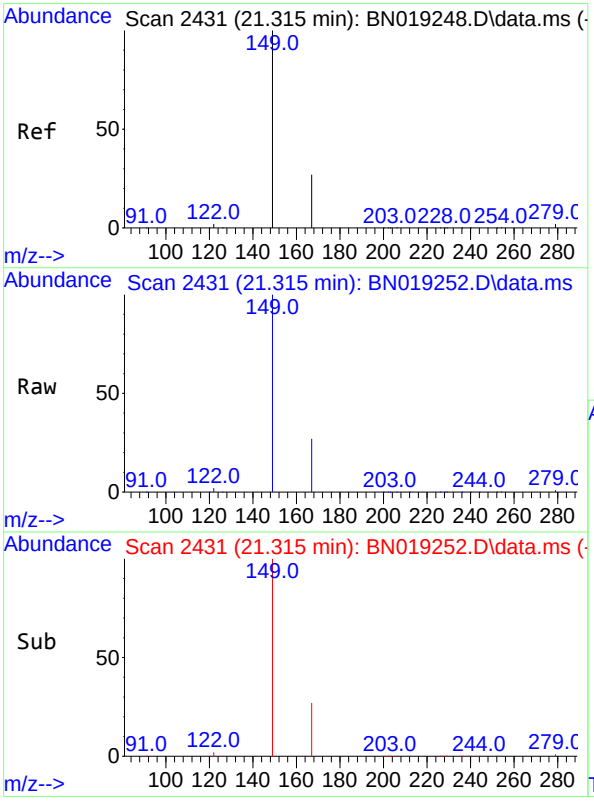
#33
Chrysene
Concen: 4.332 ng
RT: 21.440 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN019252.D
Acq: 31 Mar 2022 11:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:228 Resp: 286224

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.0	36.0
229	19.7	15.9	23.9

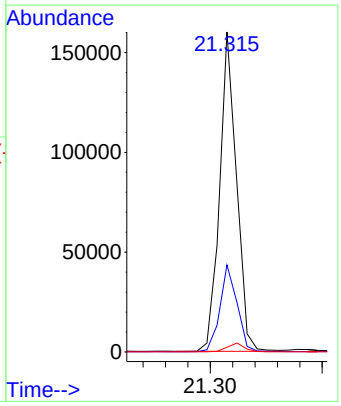


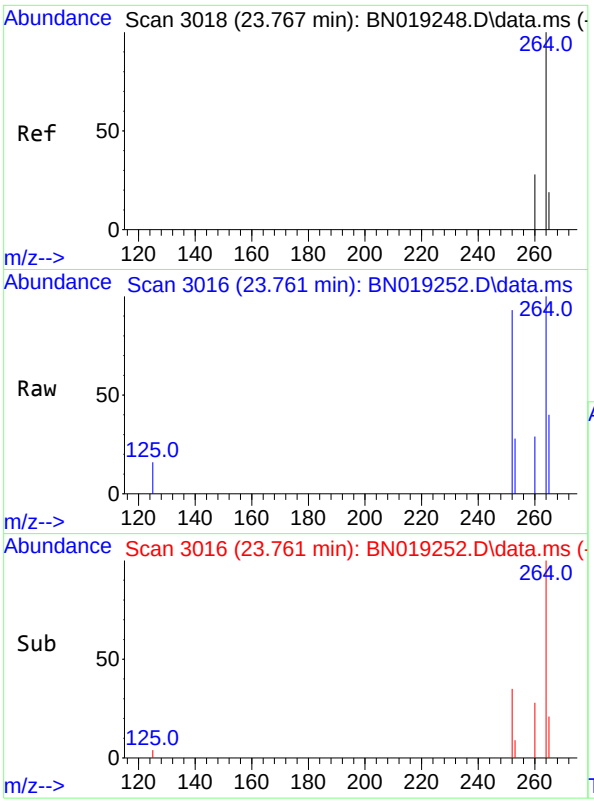


#34
Bis(2-ethylhexyl)phthalate
Concen: 4.290 ng
RT: 21.315 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BN019252.D
Acq: 31 Mar 2022 11:41

Tgt Ion:149 Resp: 167373

Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.8	32.8
279	2.7	2.0	3.0



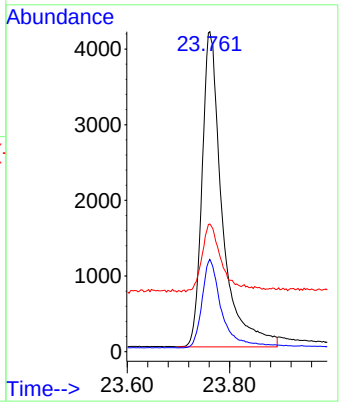


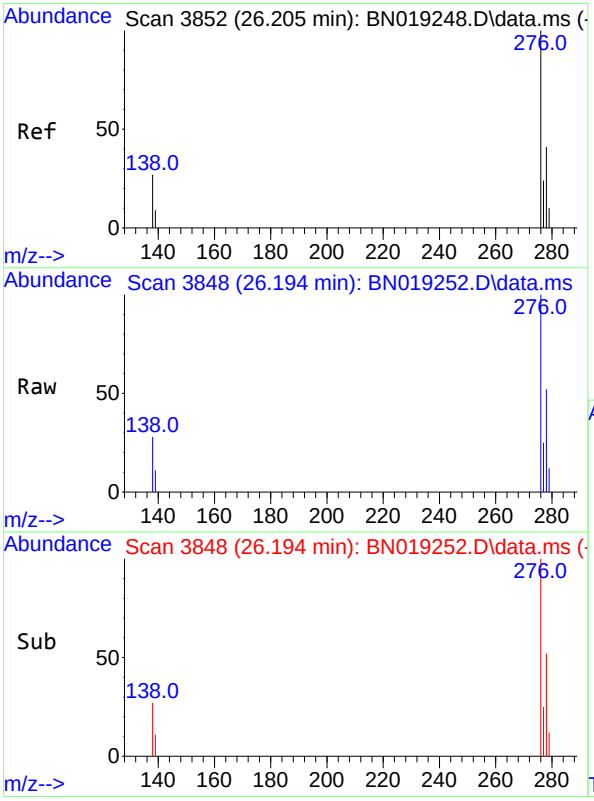
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.761 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN019252.D
Acq: 31 Mar 2022 11:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:264 Resp: 11448

Ion	Ratio	Lower	Upper
264	100		
260	28.8	22.4	33.6
265	39.9	25.3	37.9#

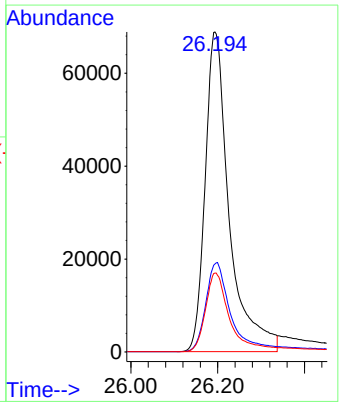


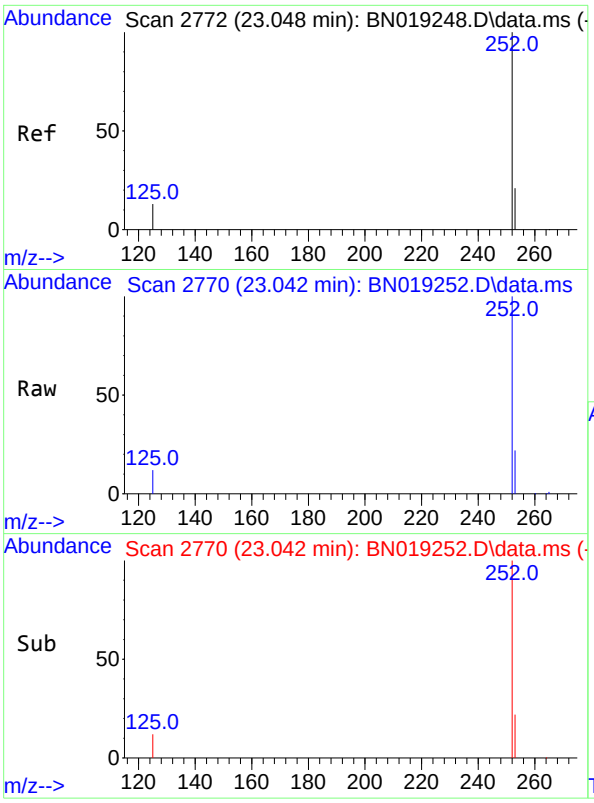


#36
Indeno(1,2,3-cd)pyrene
Concen: 5.496 ng
RT: 26.194 min Scan# 3848
Delta R.T. -0.012 min
Lab File: BN019252.D
Acq: 31 Mar 2022 11:41

Tgt Ion:276 Resp: 265142

Ion	Ratio	Lower	Upper
276	100		
138	28.8	24.5	36.7
277	24.7	19.8	29.8



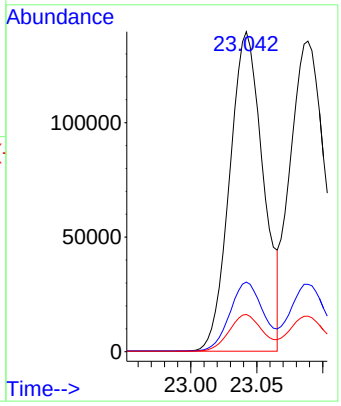


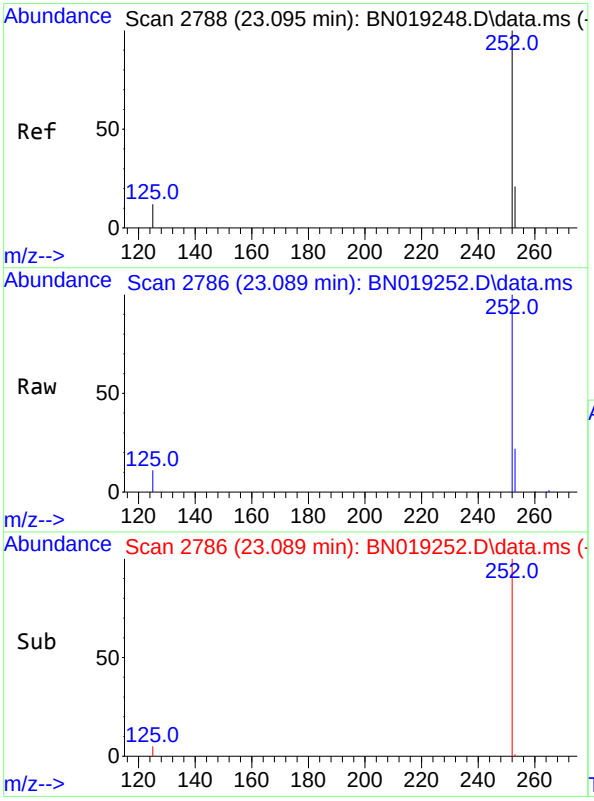
#37
Benzo(b)fluoranthene
Concen: 3.960 ng
RT: 23.042 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN019252.D
Acq: 31 Mar 2022 11:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:252 Resp: 246873

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.9	28.3
125	11.7	12.1	18.1#

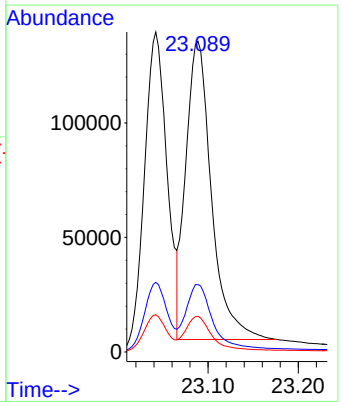


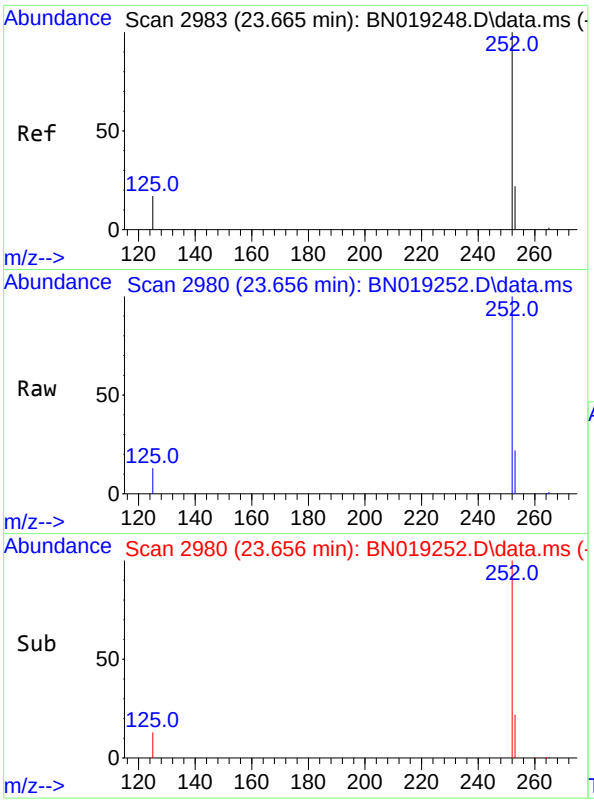


#38
Benzo(k)fluoranthene
Concen: 3.321 ng
RT: 23.089 min Scan# 2786
Delta R.T. -0.006 min
Lab File: BN019252.D
Acq: 31 Mar 2022 11:41

Tgt Ion:252 Resp: 257392

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.9	28.3
125	11.4	10.3	15.5



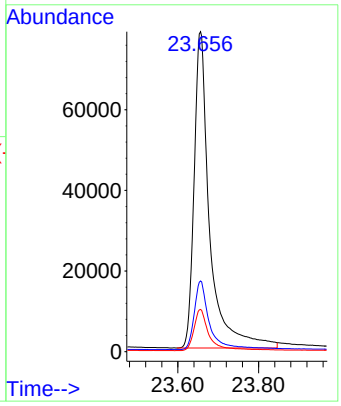


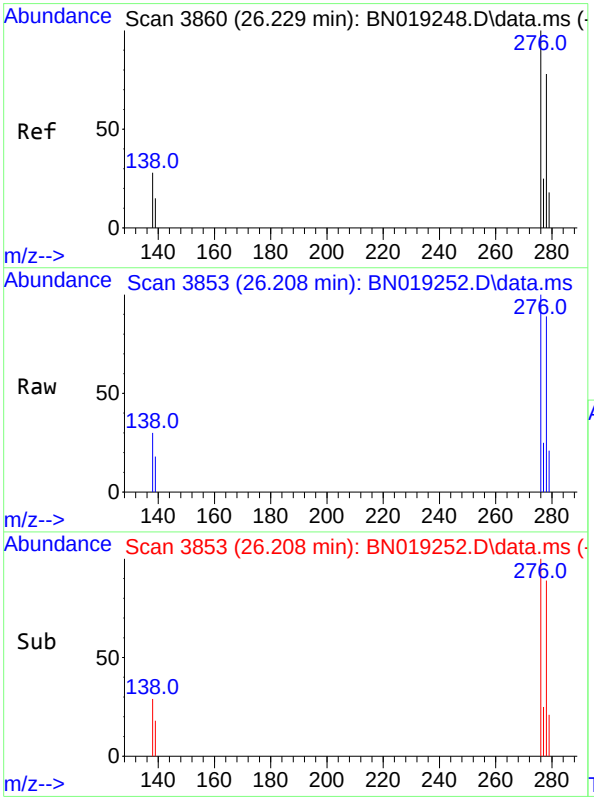
#39
Benzo(a)pyrene
Concen: 4.635 ng
RT: 23.656 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN019252.D
Acq: 31 Mar 2022 11:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:252 Resp: 210682

Ion	Ratio	Lower	Upper
252	100		
253	22.1	20.1	30.1
125	13.2	15.2	22.8#

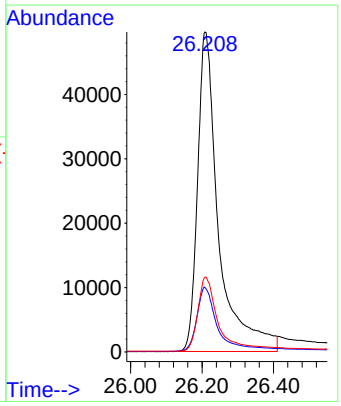


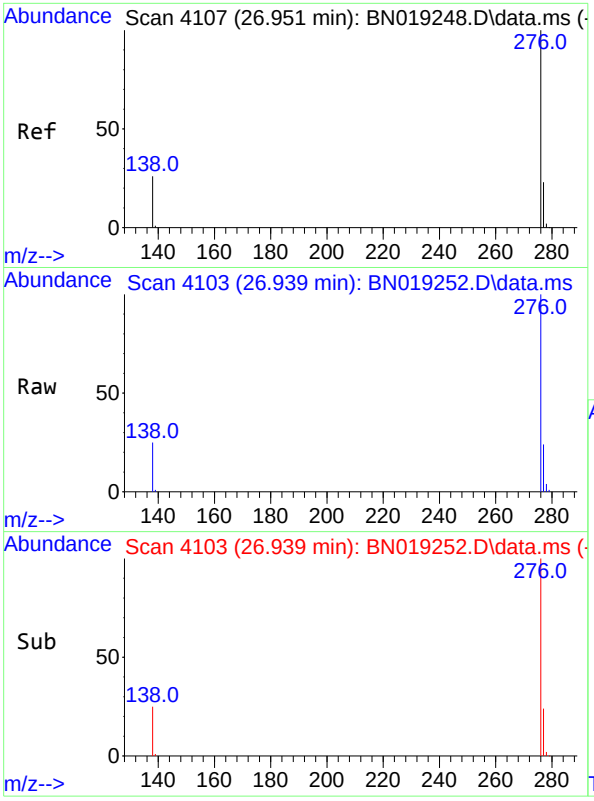


#40
Dibenzo(a,h)anthracene
Concen: 5.521 ng
RT: 26.208 min Scan# 3853
Delta R.T. -0.020 min
Lab File: BN019252.D
Acq: 31 Mar 2022 11:41

Tgt Ion:278 Resp: 203194

Ion	Ratio	Lower	Upper
278	100		
139	20.1	17.2	25.8
279	23.4	19.9	29.9





#41
Benzo(g,h,i)perylene
Concen: 4.824 ng
RT: 26.939 min Scan# 4
Delta R.T. -0.012 min
Lab File: BN019252.D
Acq: 31 Mar 2022 11:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:276 Resp: 254481

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.4	29.0
138	25.4	21.0	31.6