Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050622\
Data File : BN019696.D
Acq On : 06 May 2022 11:33
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: May 07 00:51:41 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN050422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 15:20:22 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.862	152	5703	0.400	ng		0.00
7) Naphthalene-d8	10.648	136	16823	0.400	ng		0.00
13) Acenaphthene-d10	14.474	164	9588	0.400	ng		-0.01
19) Phenanthrene-d10	17.215	188	18906	0.400	ng		0.00
29) Chrysene-d12	21.404	240	12516	0.400	ng	#	0.00
35) Perylene-d12	23.744	264	10197	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.442	112	4958	0.373	ng		0.00
5) Phenol-d6	7.024	99	6048	0.371	ng		0.00
8) Nitrobenzene-d5	9.003	82	5003	0.367	ng		0.00
11) 2-Methylnaphthalene-d10	12.238	152	11022	0.402	ng		0.00
14) 2,4,6-Tribromophenol	15.964	330	1110	0.313	ng		0.00
15) 2-Fluorobiphenyl	13.105	172	16352	0.396	ng		0.00
27) Fluoranthene-d10	19.244	212	18612	0.355	ng		0.00
31) Terphenyl-d14	19.847	244	12957	0.442	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.369	88	2522	0.382	ng	#	91
3) n-Nitrosodimethylamine	3.680	42	2548	0.374	ng	#	83
6) bis(2-Chloroethyl)ether	7.284	93	6504	0.394	ng		98
9) Naphthalene	10.701	128	19136	0.398	ng		100
10) Hexachlorobutadiene	11.000	225	3643	0.393	ng	#	100
12) 2-Methylnaphthalene	12.310	142	12760	0.404	ng		99
16) Acenaphthylene	14.196	152	17630	0.381	ng		98
17) Acenaphthene	14.538	154	12184	0.383	ng		99
18) Fluorene	15.521	166	15116	0.387	ng		100
20) 4,6-Dinitro-2-methylph...	15.596	198	832	0.289	ng		91
21) 4-Bromophenyl-phenylether	16.415	248	4769	0.391	ng	#	72
22) Hexachlorobenzene	16.528	284	5531	0.409	ng		99
23) Atrazine	16.672	200	2545	0.326	ng		98
24) Pentachlorophenol	16.867	266	1525	0.301	ng		96
25) Phenanthrene	17.256	178	24485	0.391	ng		100
26) Anthracene	17.349	178	19681	0.370	ng		99
28) Fluoranthene	19.274	202	23313	0.356	ng		99
30) Pyrene	19.636	202	22899	0.443	ng		100
32) Benzo(a)anthracene	21.386	228	16841	0.380	ng		99
33) Chrysene	21.431	228	19176	0.395	ng		99
34) Bis(2-ethylhexyl)phtha...	21.324	149	8183	0.349	ng		98
36) Indeno(1,2,3-cd)pyrene	26.150	276	17784	0.384	ng		99
37) Benzo(b)fluoranthene	23.033	252	15461	0.367	ng		95
38) Benzo(k)fluoranthene	23.077	252	17461	0.391	ng	#	92
39) Benzo(a)pyrene	23.641	252	11929	0.373	ng		93
40) Dibenzo(a,h)anthracene	26.164	278	14368	0.381	ng		98
41) Benzo(g,h,i)perylene	26.884	276	14352	0.384	ng		99

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

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Misc :
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Instrument :
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Quant Time: May 07 00:51:41 2022
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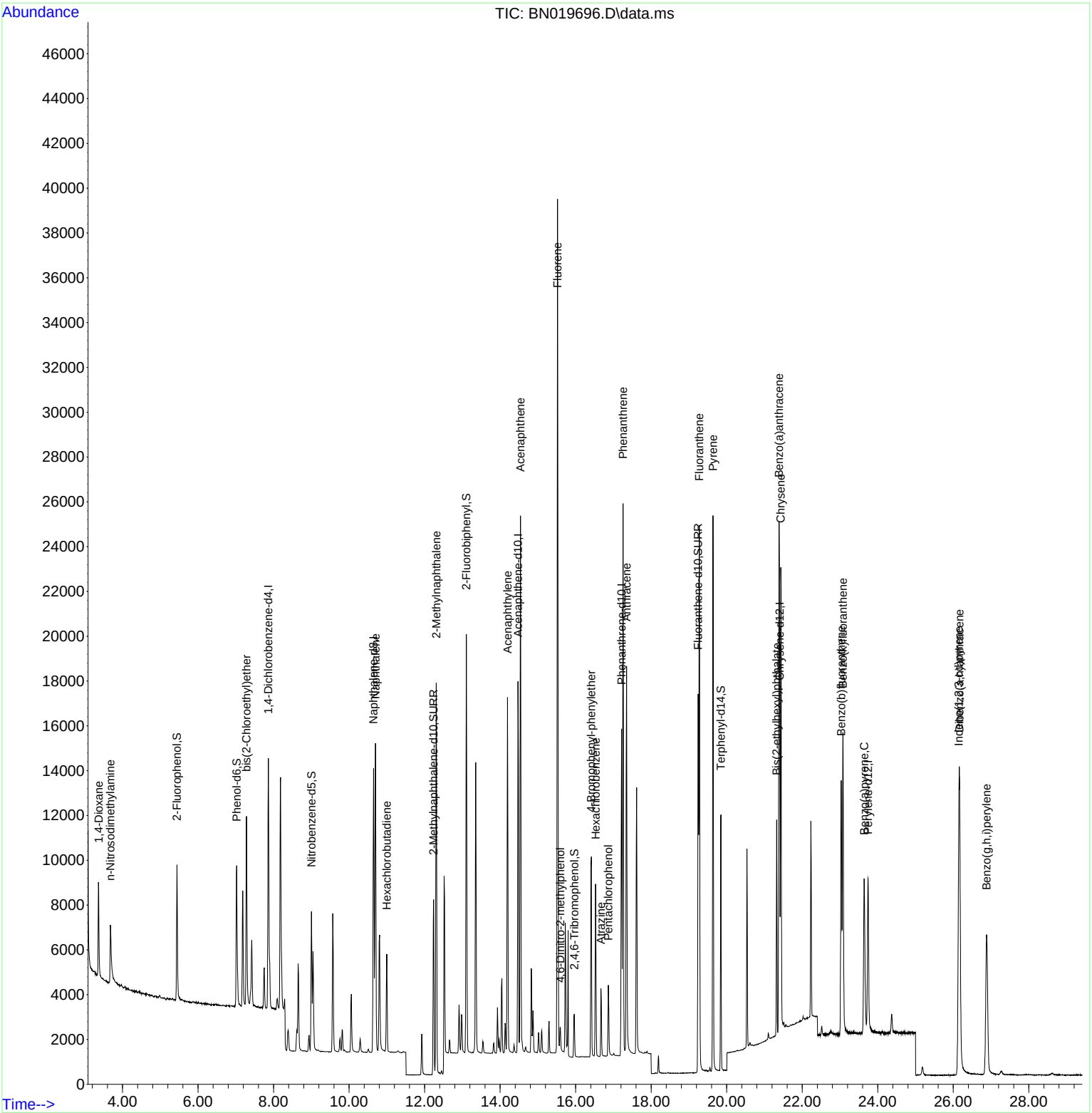
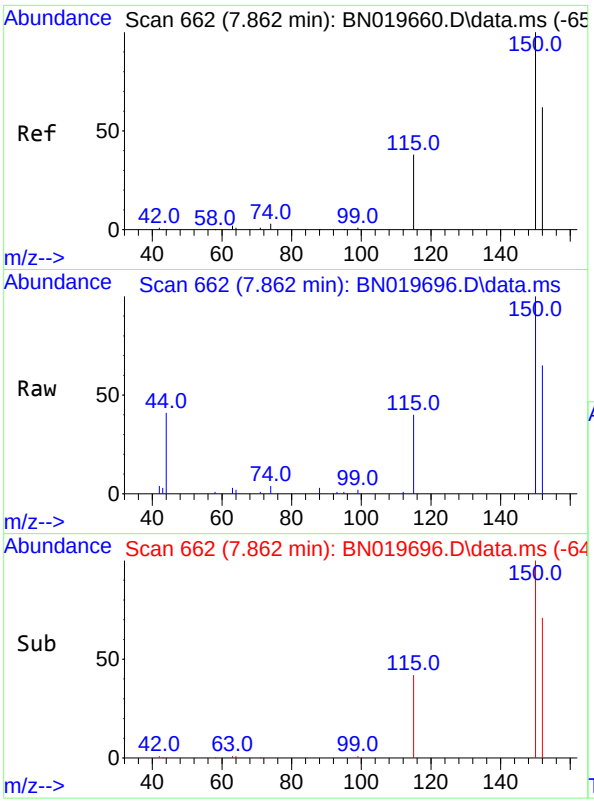
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 15:20:22 2022
Response via : Initial Calibration



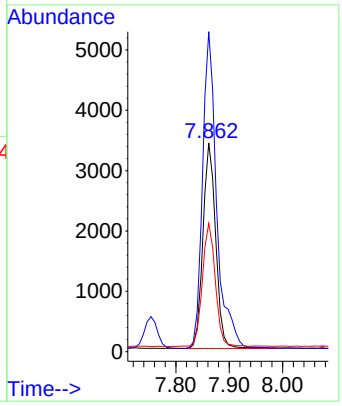


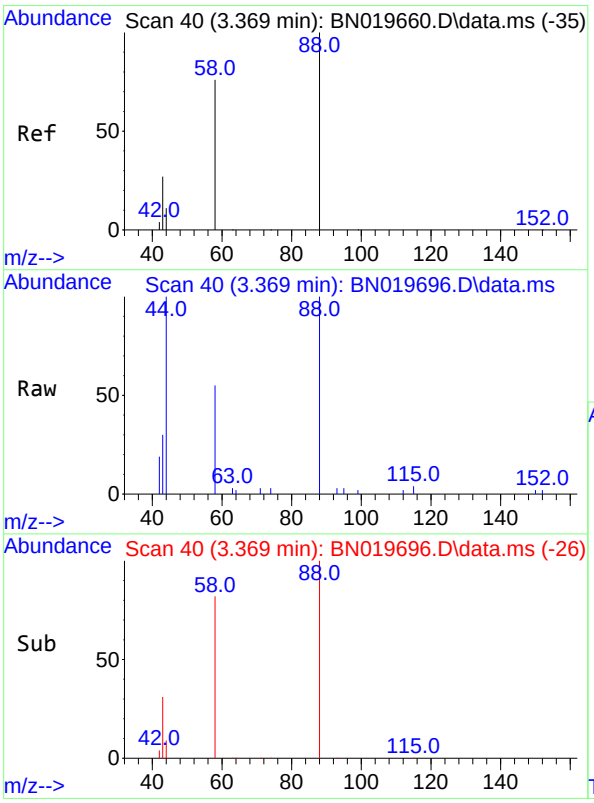
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.862 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN019696.D
Acq: 06 May 2022 11:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 5703

Ion	Ratio	Lower	Upper
152	100		
150	153.3	122.6	183.8
115	61.4	49.0	73.6

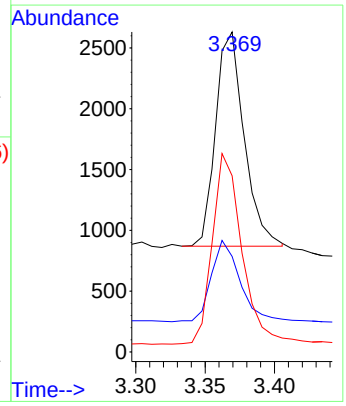


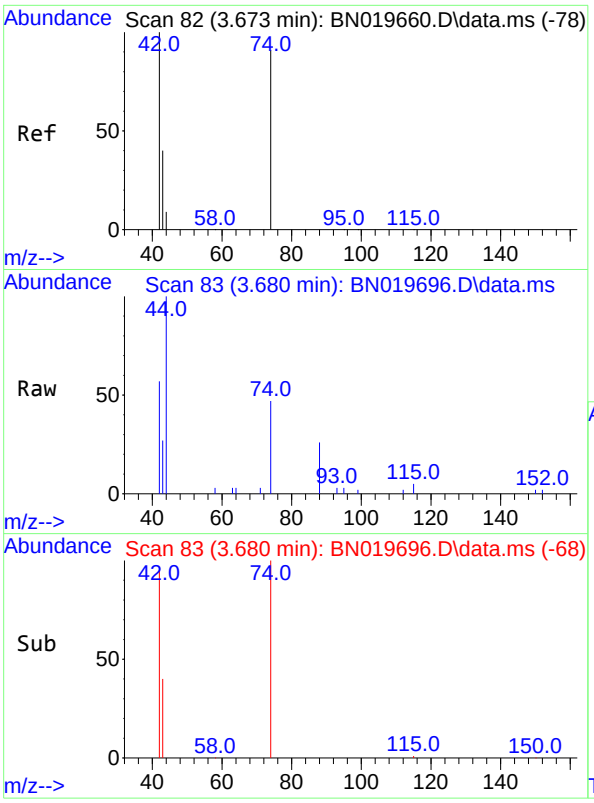


#2
1,4-Dioxane
Concen: 0.382 ng
RT: 3.369 min Scan# 40
Delta R.T. 0.000 min
Lab File: BN019696.D
Acq: 06 May 2022 11:33

Tgt Ion: 88 Resp: 2522

Ion	Ratio	Lower	Upper
88	100		
43	38.0	25.2	37.8#
58	91.3	67.6	101.4



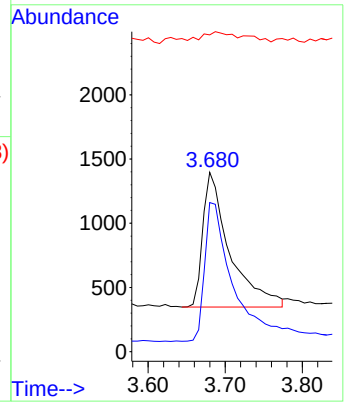


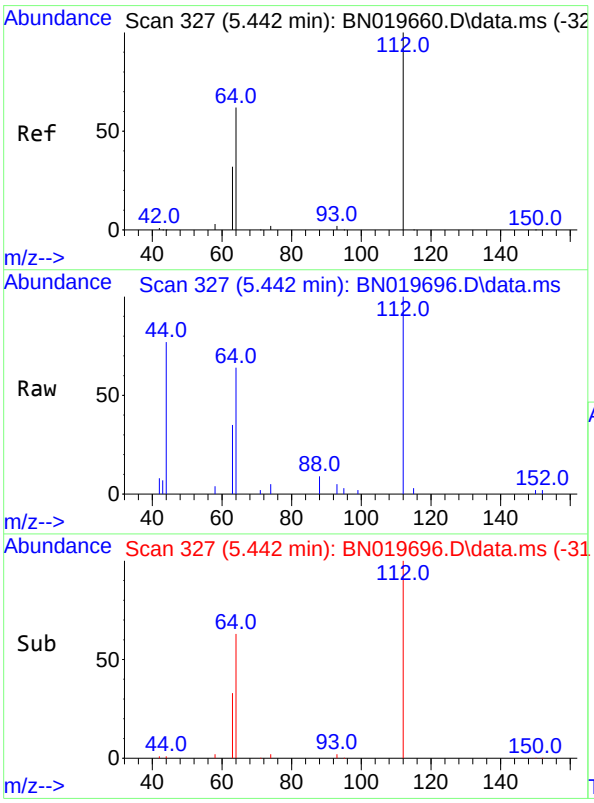
#3
n-Nitrosodimethylamine
Concen: 0.374 ng
RT: 3.680 min Scan# 8
Delta R.T. 0.007 min
Lab File: BN019696.D
Acq: 06 May 2022 11:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 2548

Ion	Ratio	Lower	Upper
42	100		
74	107.5	101.8	152.6
44	6.7	8.4	12.6#

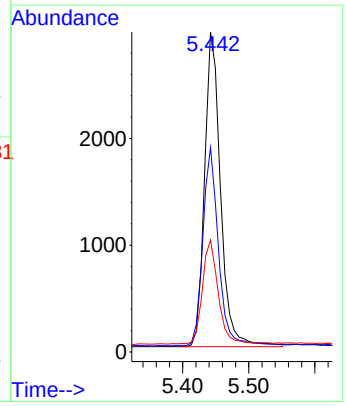


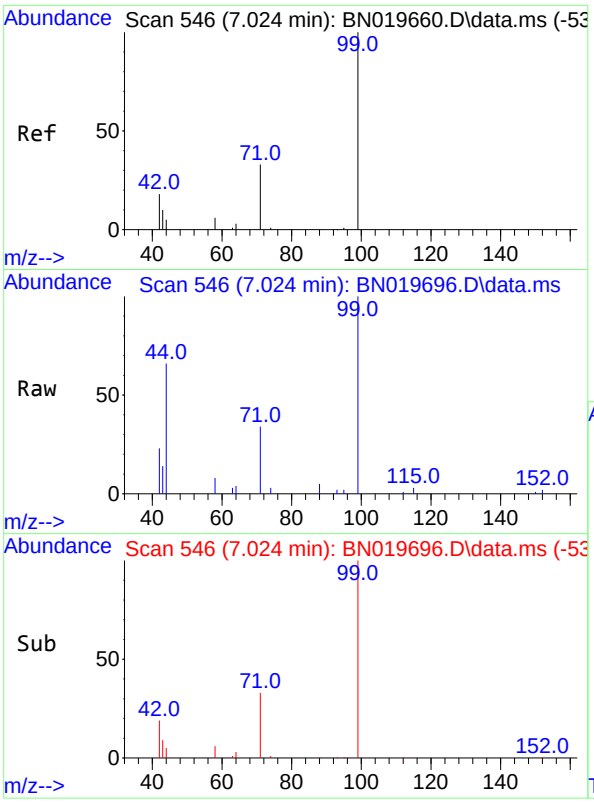


#4
2-Fluorophenol
Concen: 0.373 ng
RT: 5.442 min Scan# 327
Delta R.T. 0.000 min
Lab File: BN019696.D
Acq: 06 May 2022 11:33

Tgt Ion:112 Resp: 4958

Ion	Ratio	Lower	Upper
112	100		
64	61.8	47.3	70.9
63	33.1	24.6	36.8



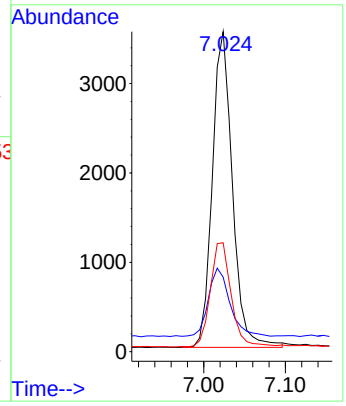


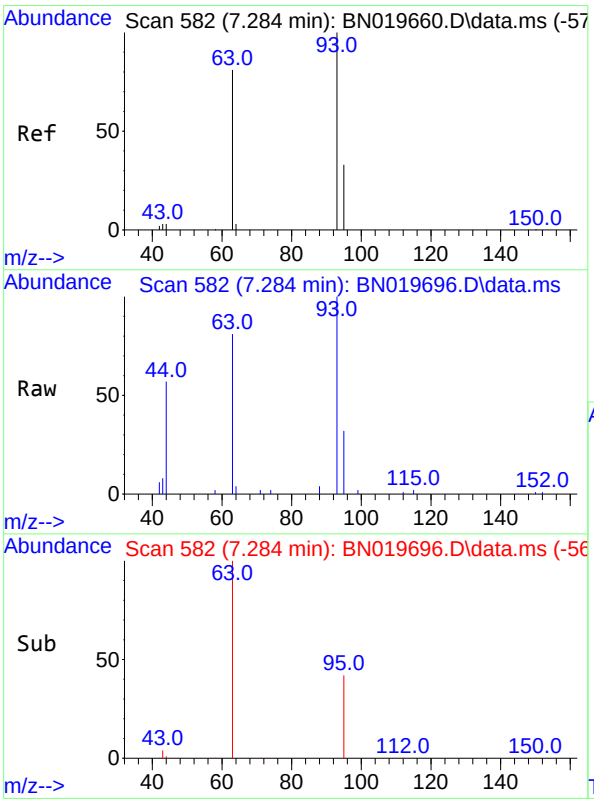
#5
Phenol-d6
Concen: 0.371 ng
RT: 7.024 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN019696.D
Acq: 06 May 2022 11:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 6048

Ion	Ratio	Lower	Upper
99	100		
42	23.3	15.8	23.8
71	34.2	26.5	39.7

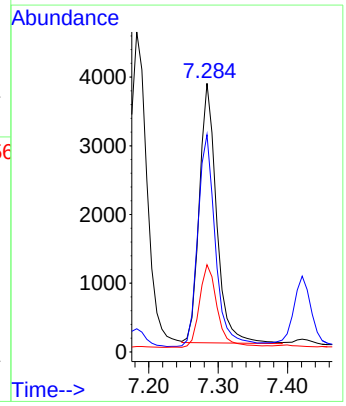


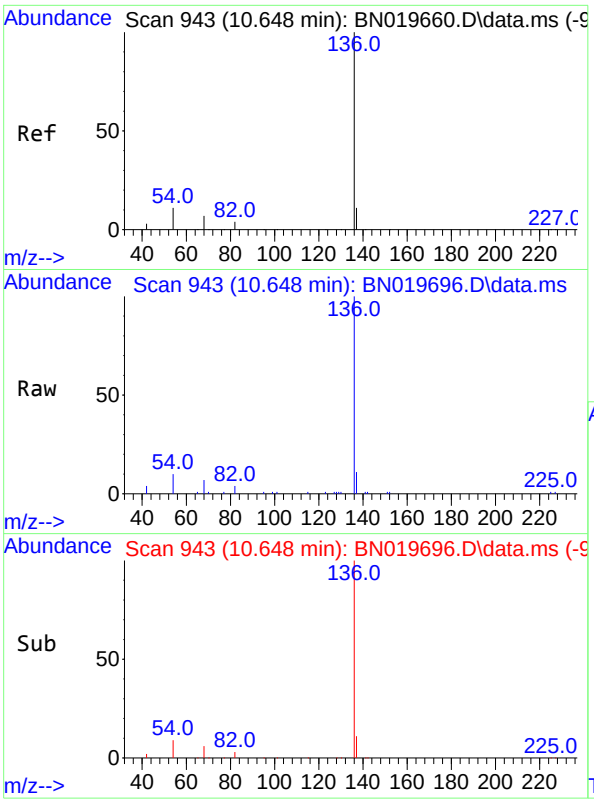


#6
bis(2-Chloroethyl)ether
Concen: 0.394 ng
RT: 7.284 min Scan# 582
Delta R.T. 0.000 min
Lab File: BN019696.D
Acq: 06 May 2022 11:33

Tgt Ion: 93 Resp: 6504

Ion	Ratio	Lower	Upper
93	100		
63	83.6	65.8	98.8
95	33.4	27.4	41.2



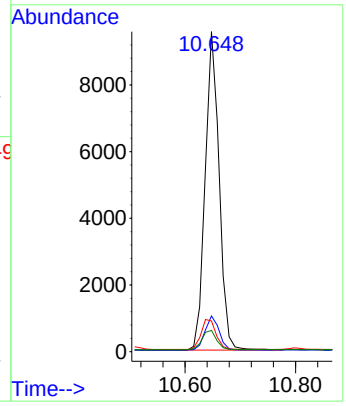


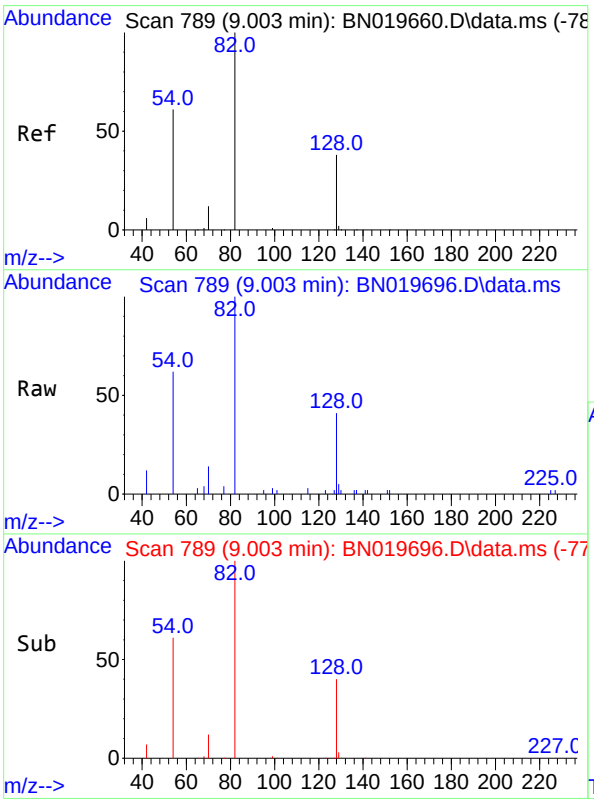
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN019696.D
Acq: 06 May 2022 11:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 16823

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	9.6	7.8	11.6
68	6.7	5.4	8.2

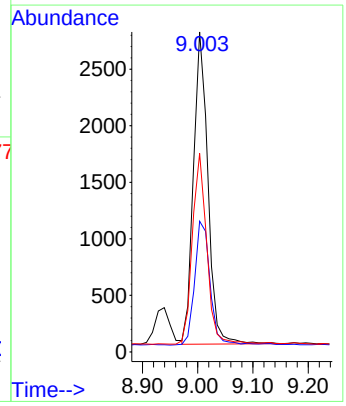


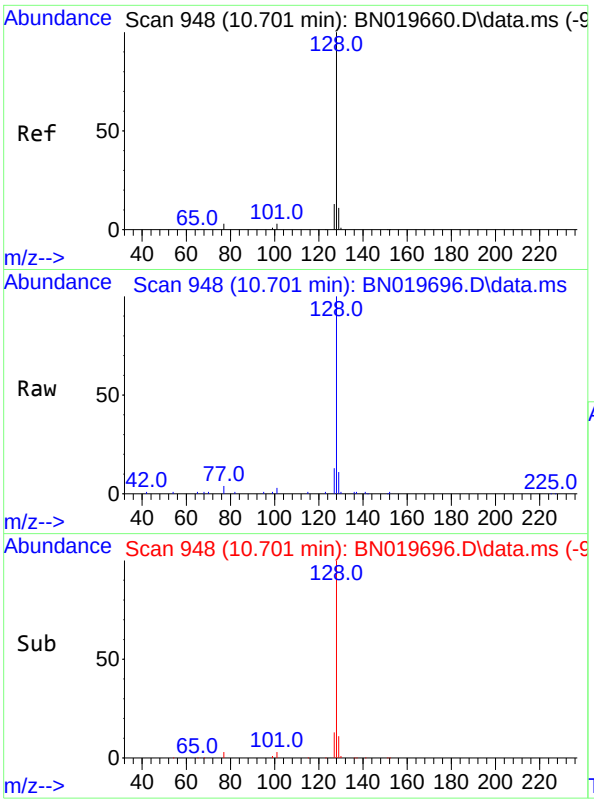


#8
Nitrobenzene-d5
Concen: 0.367 ng
RT: 9.003 min Scan# 789
Delta R.T. 0.000 min
Lab File: BN019696.D
Acq: 06 May 2022 11:33

Tgt Ion: 82 Resp: 5003

Ion	Ratio	Lower	Upper
82	100		
128	40.9	32.4	48.6
54	62.1	44.4	66.6



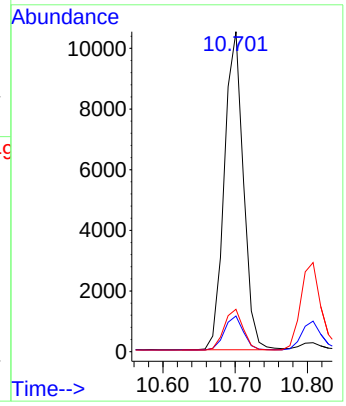


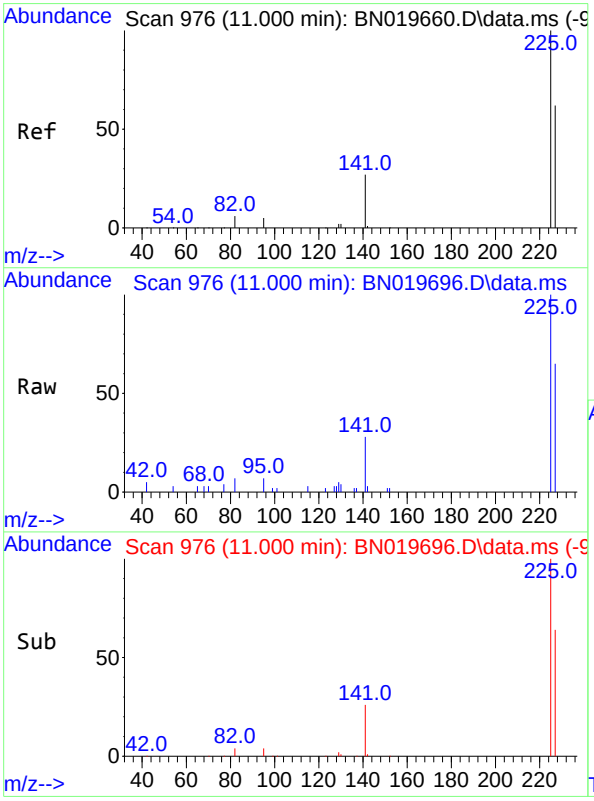
#9
Naphthalene
Concen: 0.398 ng
RT: 10.701 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN019696.D
Acq: 06 May 2022 11:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 19136

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	13.2	10.8	16.2

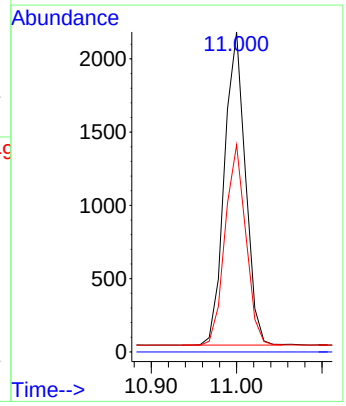


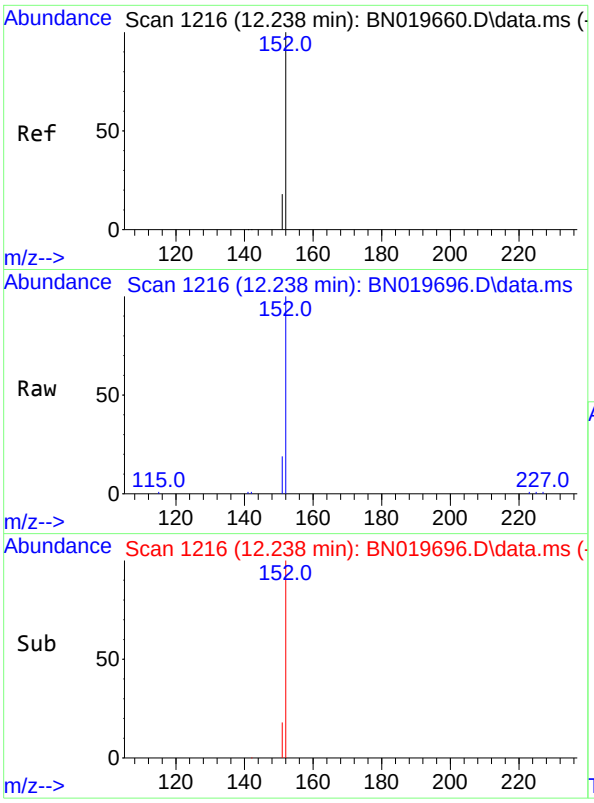


#10
Hexachlorobutadiene
Concen: 0.393 ng
RT: 11.000 min Scan# 976
Delta R.T. 0.000 min
Lab File: BN019696.D
Acq: 06 May 2022 11:33

Tgt Ion:225 Resp: 3643

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.4	50.8	76.2



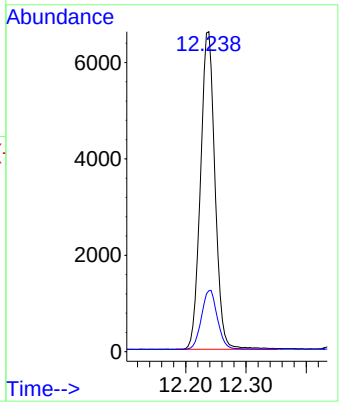


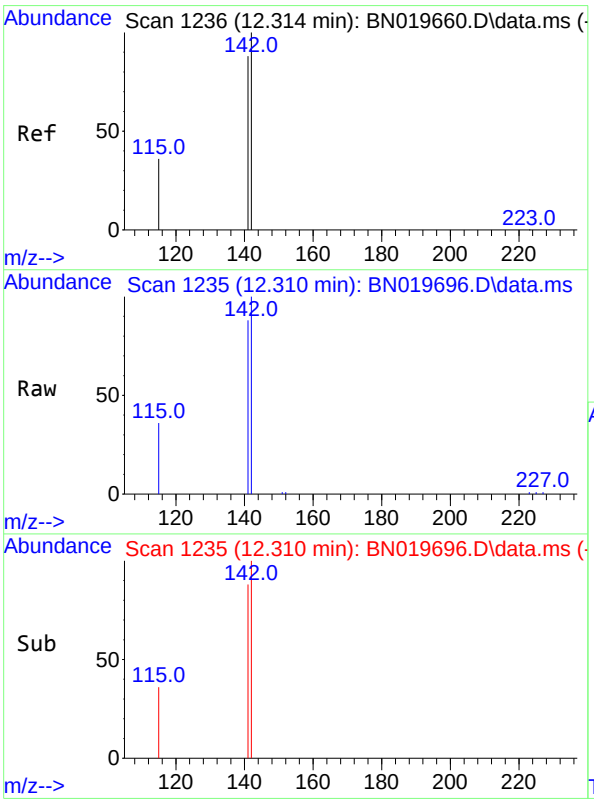
#11
2-Methylnaphthalene-d10
Concen: 0.402 ng
RT: 12.238 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019696.D
Acq: 06 May 2022 11:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 11022

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4

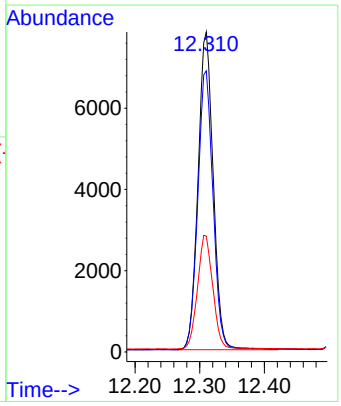


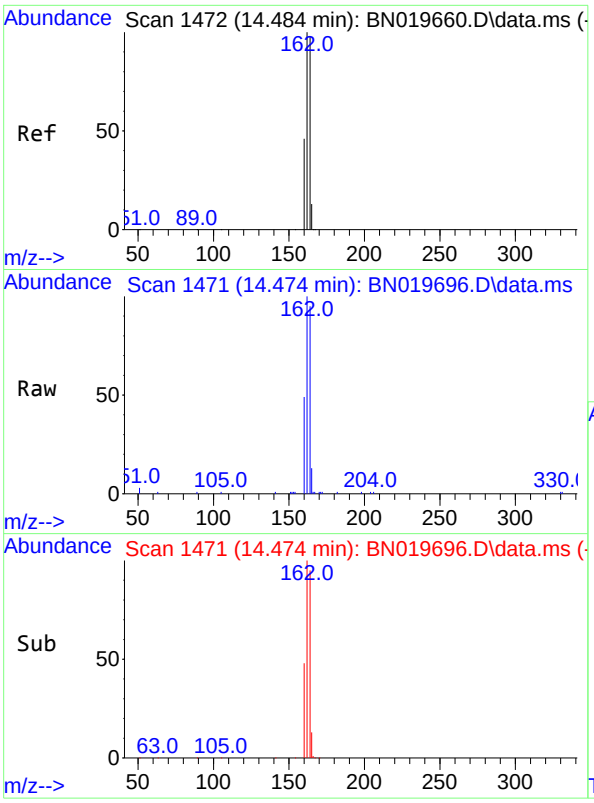


#12
2-Methylnaphthalene
Concen: 0.404 ng
RT: 12.310 min Scan# 1235
Delta R.T. -0.004 min
Lab File: BN019696.D
Acq: 06 May 2022 11:33

Tgt Ion:142 Resp: 12760

Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.0	106.6
115	36.2	29.6	44.4



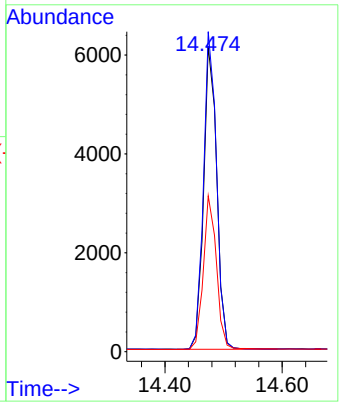


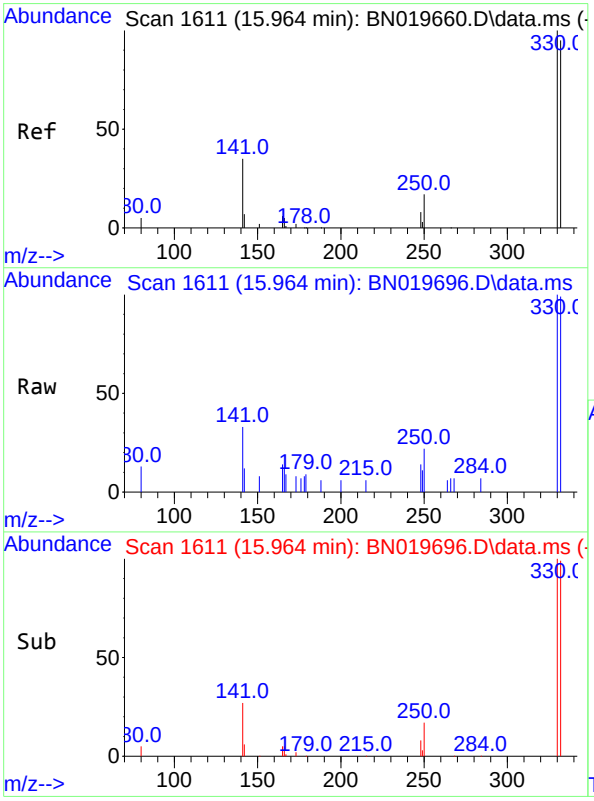
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN019696.D
Acq: 06 May 2022 11:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 9588

Ion	Ratio	Lower	Upper
164	100		
162	104.9	81.8	122.6
160	51.1	38.3	57.5

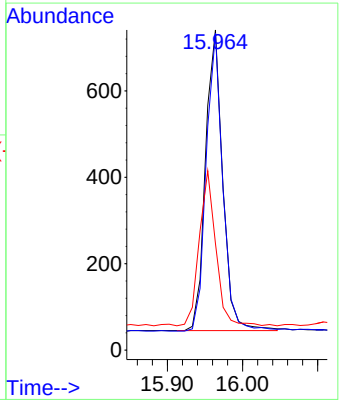


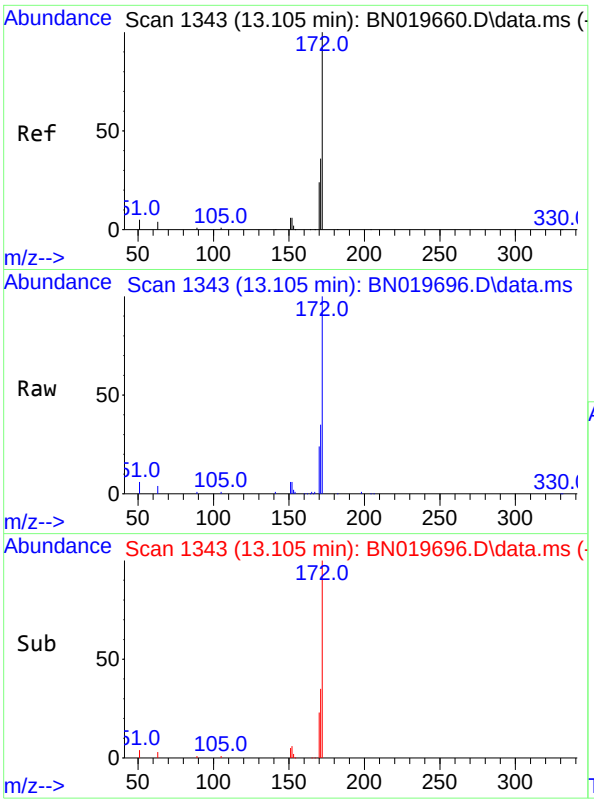


#14
2,4,6-Tribromophenol
Concen: 0.313 ng
RT: 15.964 min Scan# 1611
Delta R.T. 0.000 min
Lab File: BN019696.D
Acq: 06 May 2022 11:33

Tgt Ion:330 Resp: 1110

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.2	114.4
141	50.0	39.7	59.5



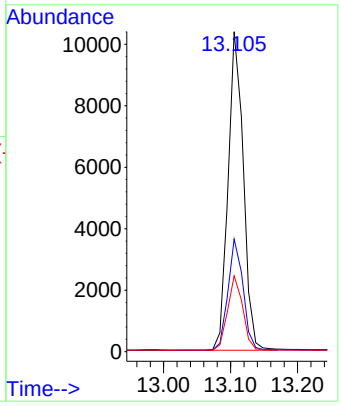


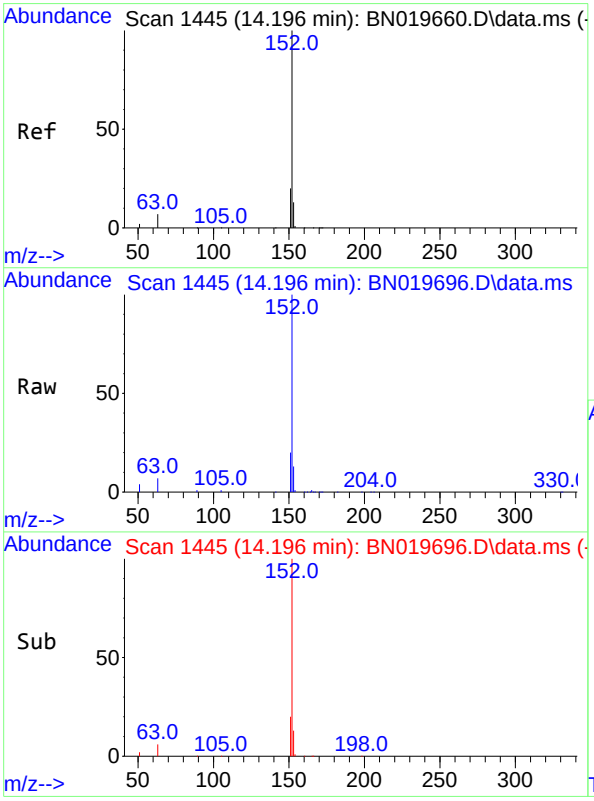
#15
2-Fluorobiphenyl
Concen: 0.396 ng
RT: 13.105 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019696.D
Acq: 06 May 2022 11:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 16352

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.0	42.0
170	23.7	19.0	28.4

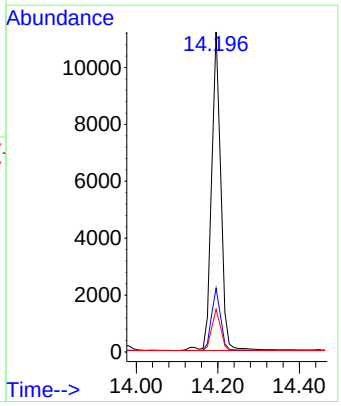


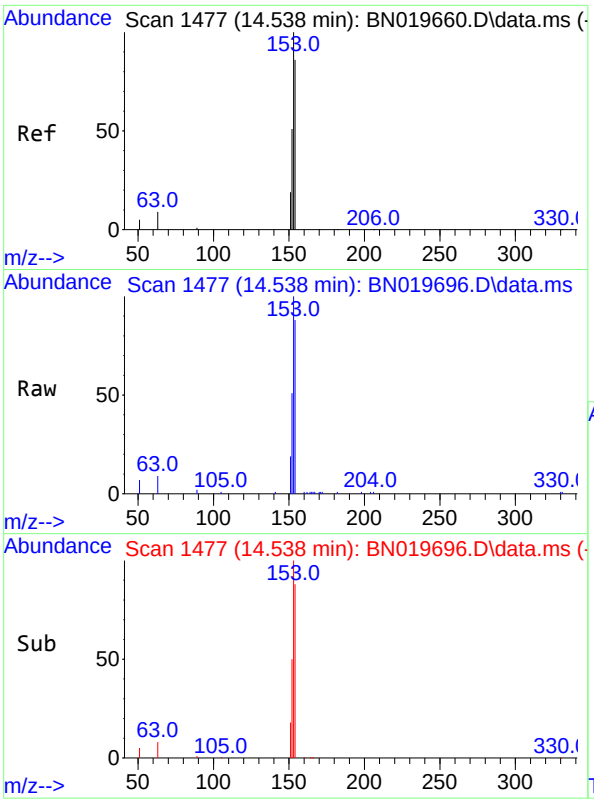


#16
Acenaphthylene
Concen: 0.381 ng
RT: 14.196 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BN019696.D
Acq: 06 May 2022 11:33

Tgt Ion:152 Resp: 17630

Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.2	24.4
153	12.9	10.5	15.7



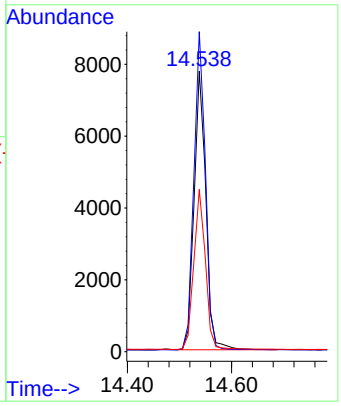


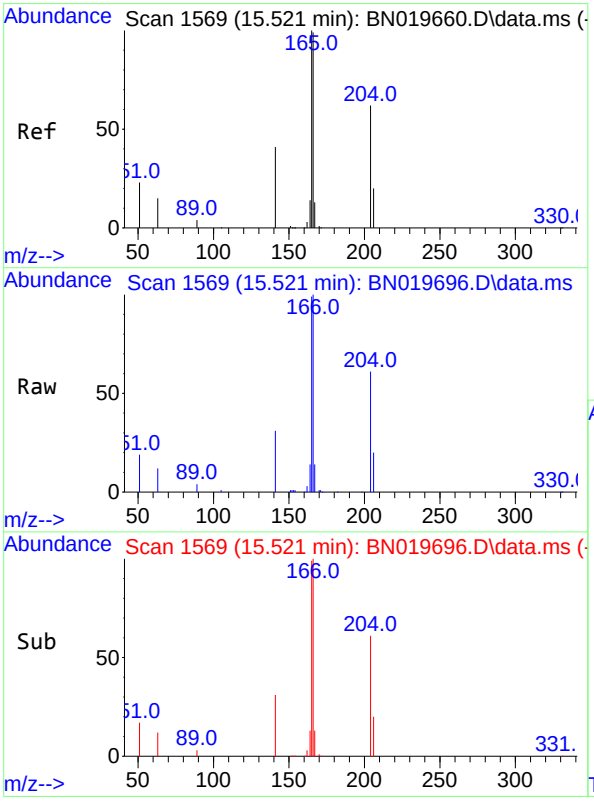
#17
Acenaphthene
Concen: 0.383 ng
RT: 14.538 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN019696.D
Acq: 06 May 2022 11:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 12184

Ion	Ratio	Lower	Upper
154	100		
153	112.1	89.3	133.9
152	56.9	44.1	66.1

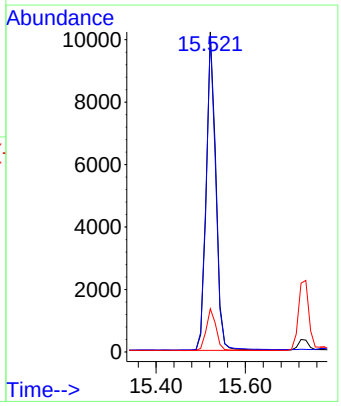


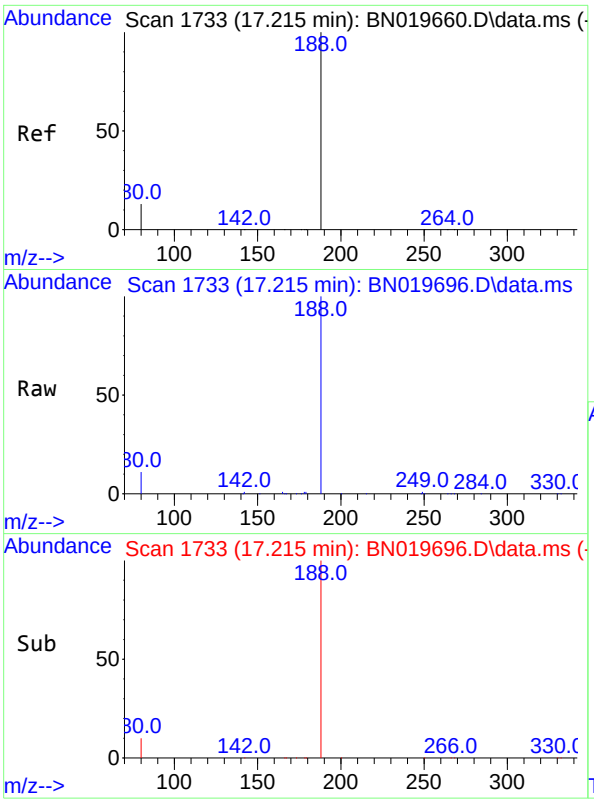


#18
Fluorene
Concen: 0.387 ng
RT: 15.521 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BN019696.D
Acq: 06 May 2022 11:33

Tgt Ion:166 Resp: 15116

Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.1	118.7
167	13.4	10.7	16.1



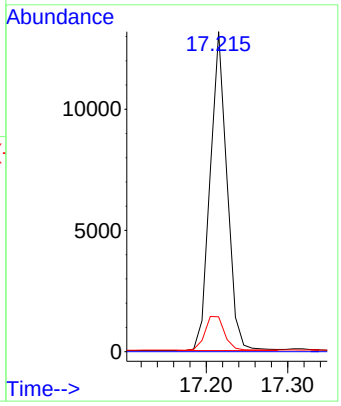


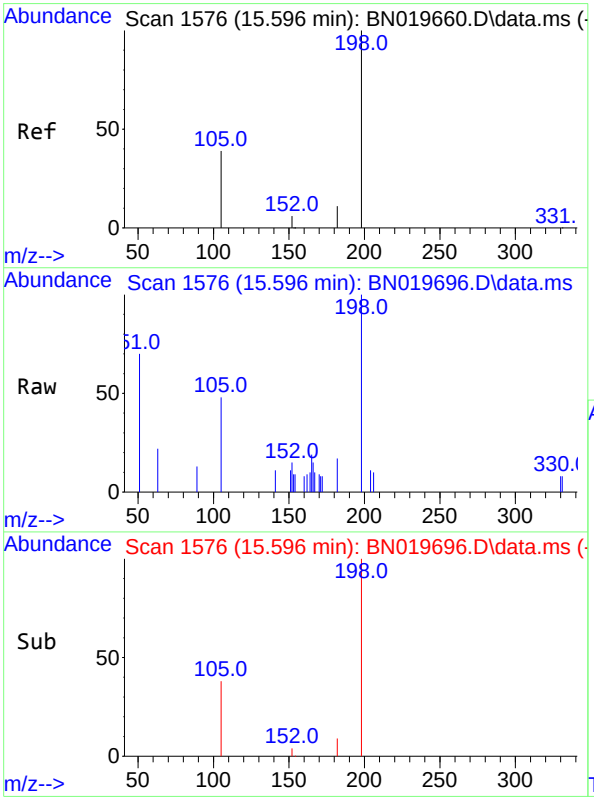
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.215 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019696.D
Acq: 06 May 2022 11:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 18906

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.9	8.6	12.8

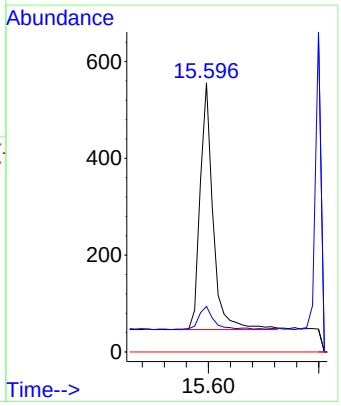


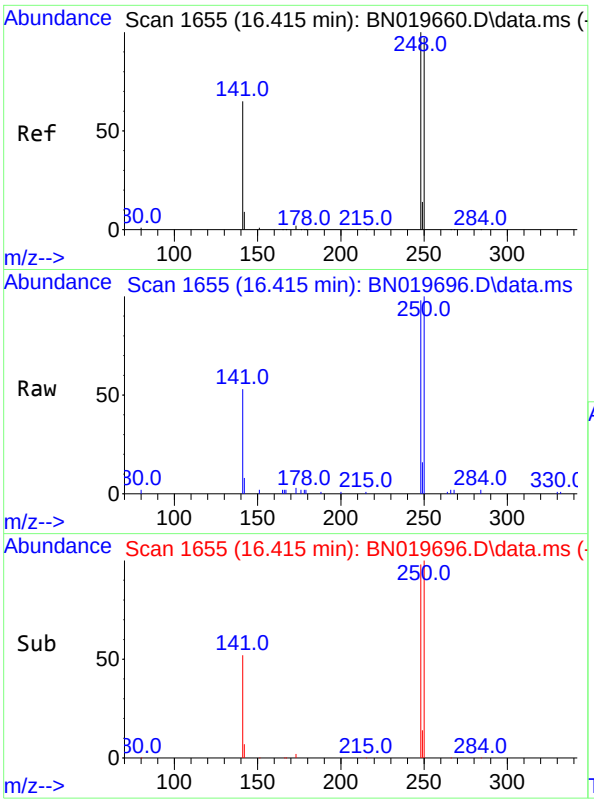


#20
4,6-Dinitro-2-methylphenol
Concen: 0.289 ng
RT: 15.596 min Scan# 1576
Delta R.T. 0.000 min
Lab File: BN019696.D
Acq: 06 May 2022 11:33

Tgt Ion:198 Resp: 832

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



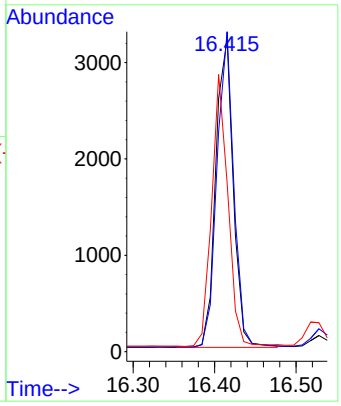


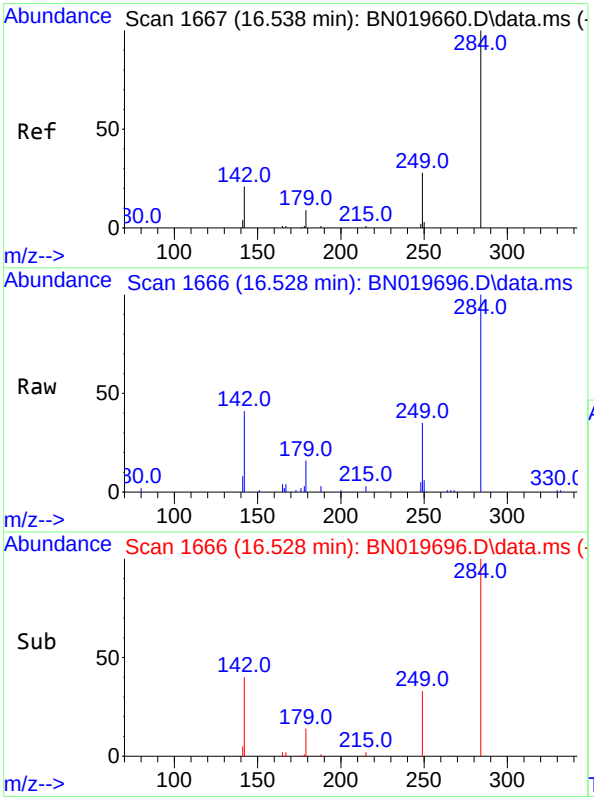
#21
4-Bromophenyl-phenylether
Concen: 0.391 ng
RT: 16.415 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019696.D
Acq: 06 May 2022 11:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:248 Resp: 4769

Ion	Ratio	Lower	Upper
248	100		
250	102.3	75.5	113.3
141	54.0	79.9	119.9#

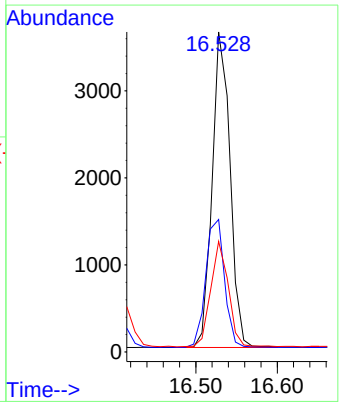


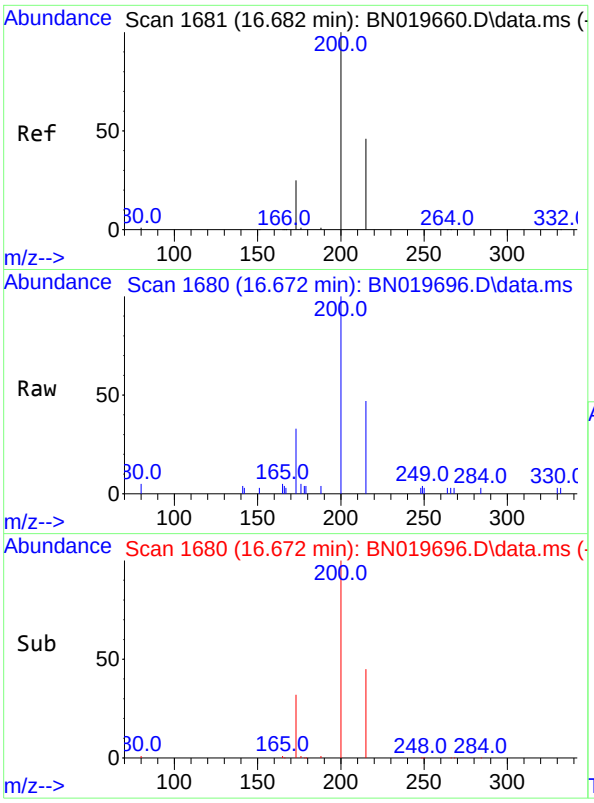


#22
Hexachlorobenzene
Concen: 0.409 ng
RT: 16.528 min Scan# 1666
Delta R.T. -0.010 min
Lab File: BN019696.D
Acq: 06 May 2022 11:33

Tgt Ion:284 Resp: 5531

Ion	Ratio	Lower	Upper
284	100		
142	42.8	33.2	49.8
249	33.0	26.4	39.6



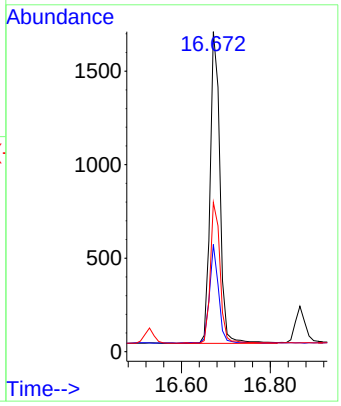


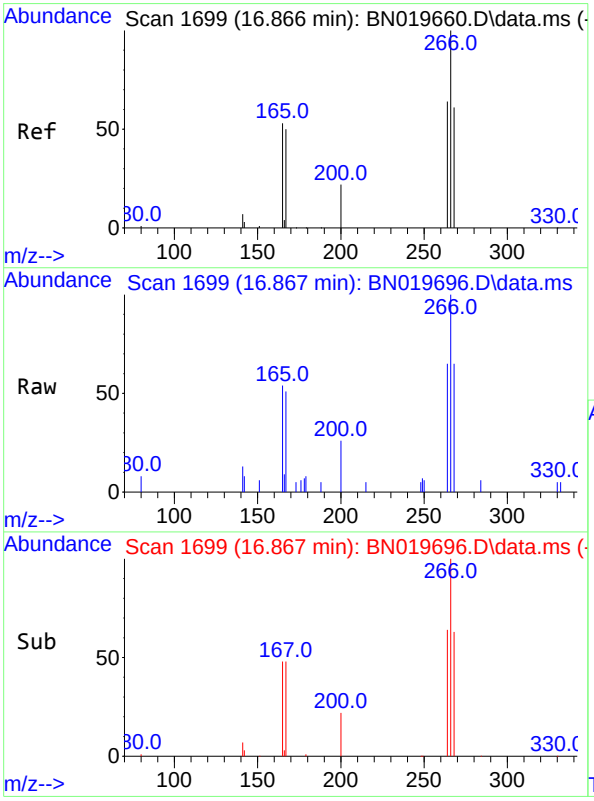
#23
Atrazine
Concen: 0.326 ng
RT: 16.672 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN019696.D
Acq: 06 May 2022 11:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:200 Resp: 2545

Ion	Ratio	Lower	Upper
200	100		
173	33.5	28.5	42.7
215	46.6	37.0	55.4

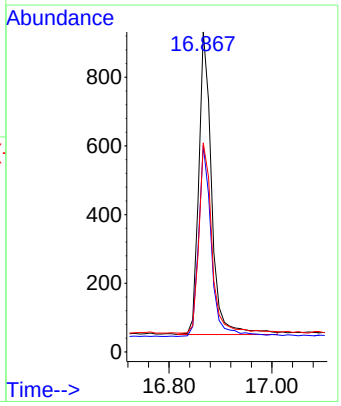


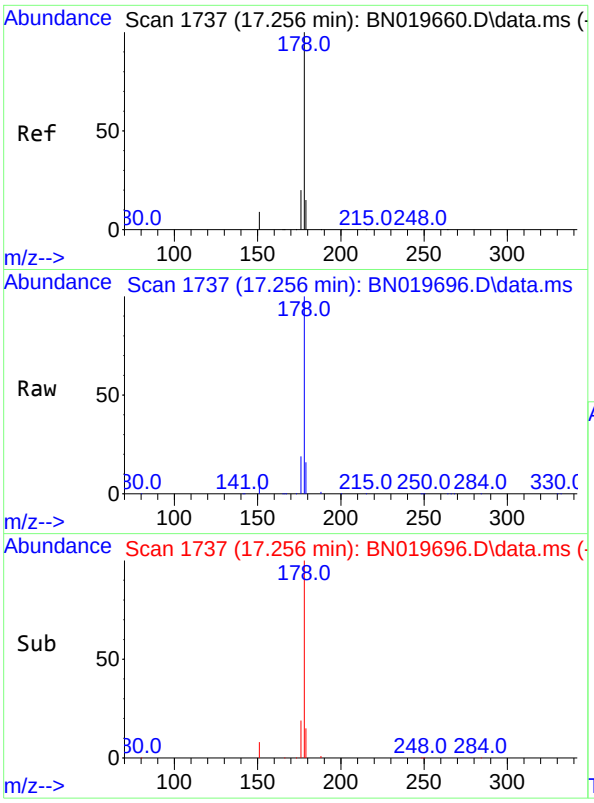


#24
Pentachlorophenol
Concen: 0.301 ng
RT: 16.867 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BN019696.D
Acq: 06 May 2022 11:33

Tgt Ion:266 Resp: 1525

Ion	Ratio	Lower	Upper
266	100		
264	62.8	48.0	72.0
268	63.5	54.2	81.2



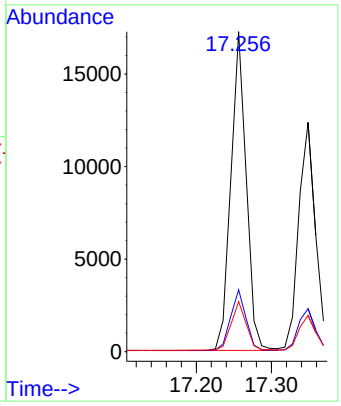


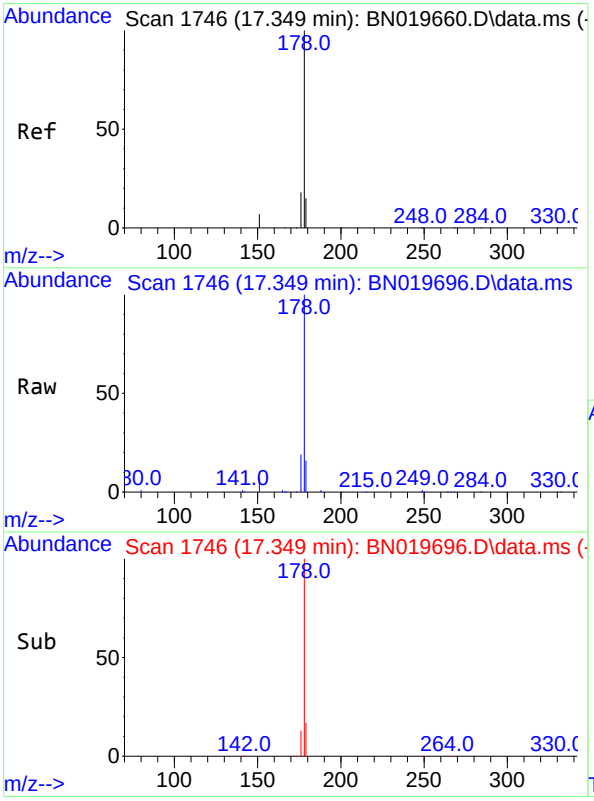
#25
Phenanthrene
Concen: 0.391 ng
RT: 17.256 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019696.D
Acq: 06 May 2022 11:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 24485

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.4	12.1	18.1

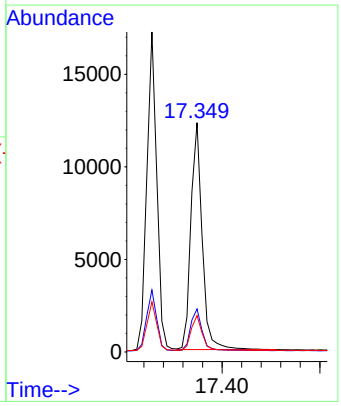


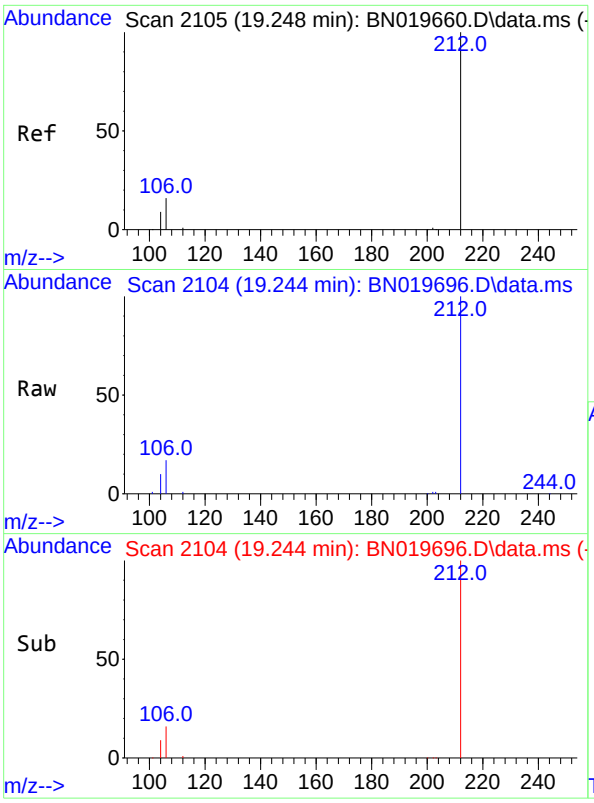


#26
Anthracene
Concen: 0.370 ng
RT: 17.349 min Scan# 1746
Delta R.T. 0.000 min
Lab File: BN019696.D
Acq: 06 May 2022 11:33

Tgt Ion:178 Resp: 19681

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.3	21.5
179	15.3	12.2	18.4



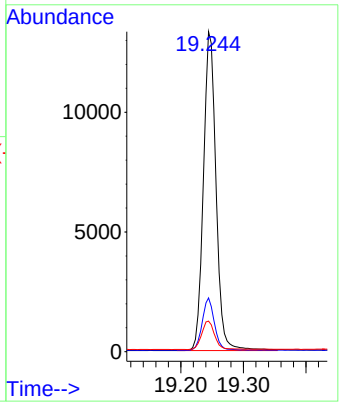


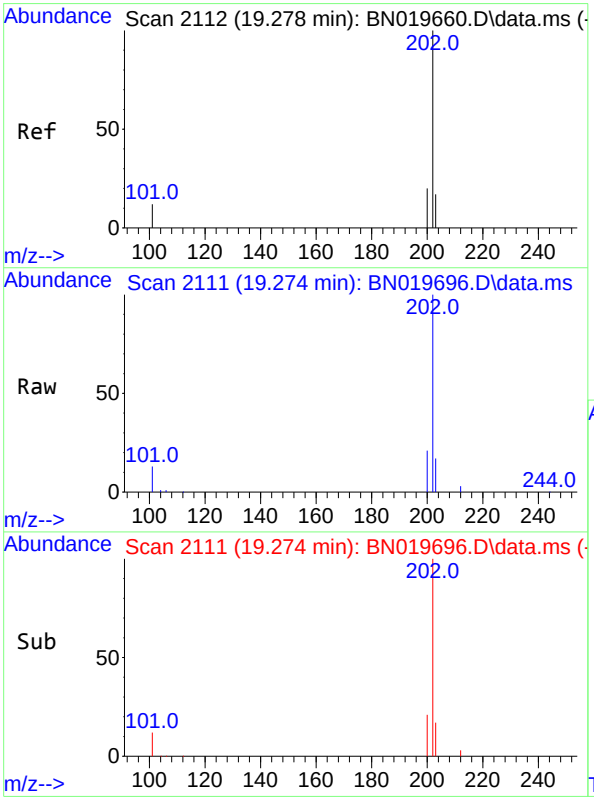
#27
Fluoranthene-d10
Concen: 0.355 ng
RT: 19.244 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN019696.D
Acq: 06 May 2022 11:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 18612

Ion	Ratio	Lower	Upper
212	100		
106	15.8	13.5	20.3
104	9.2	7.6	11.4

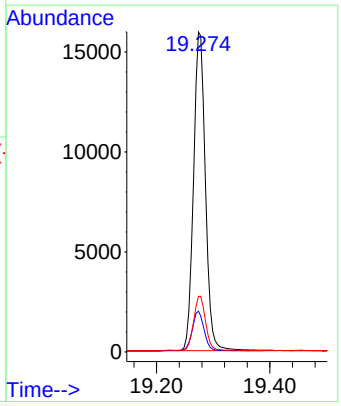


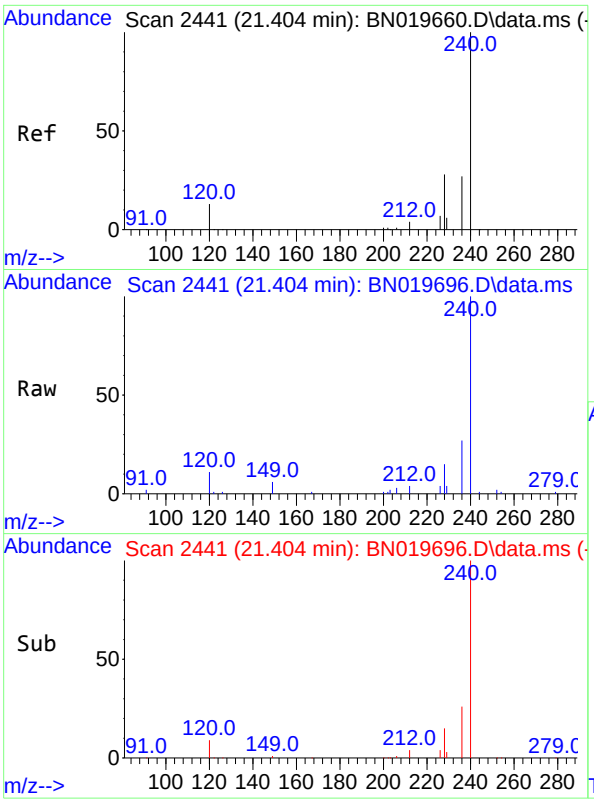


#28
Fluoranthene
Concen: 0.356 ng
RT: 19.274 min Scan# 2111
Delta R.T. -0.004 min
Lab File: BN019696.D
Acq: 06 May 2022 11:33

Tgt Ion:202 Resp: 23313

Ion	Ratio	Lower	Upper
202	100		
101	12.5	10.6	15.8
203	17.0	13.6	20.4



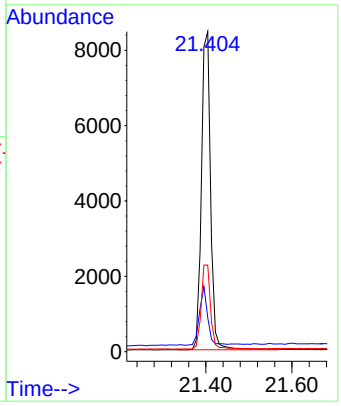


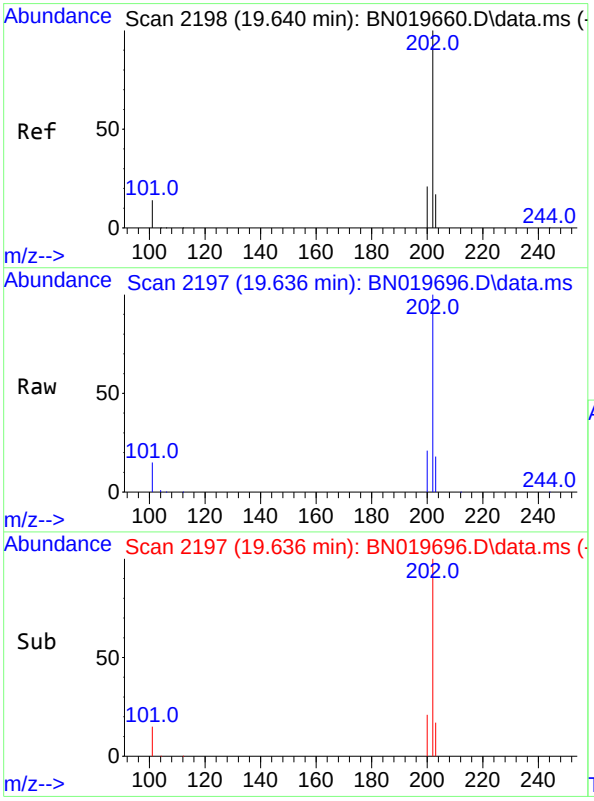
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.404 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN019696.D
Acq: 06 May 2022 11:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 12516

Ion	Ratio	Lower	Upper
240	100		
120	10.6	17.4	26.2#
236	27.1	23.0	34.4

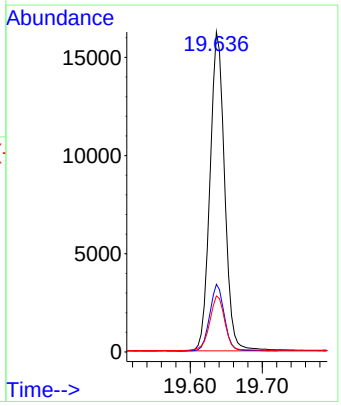


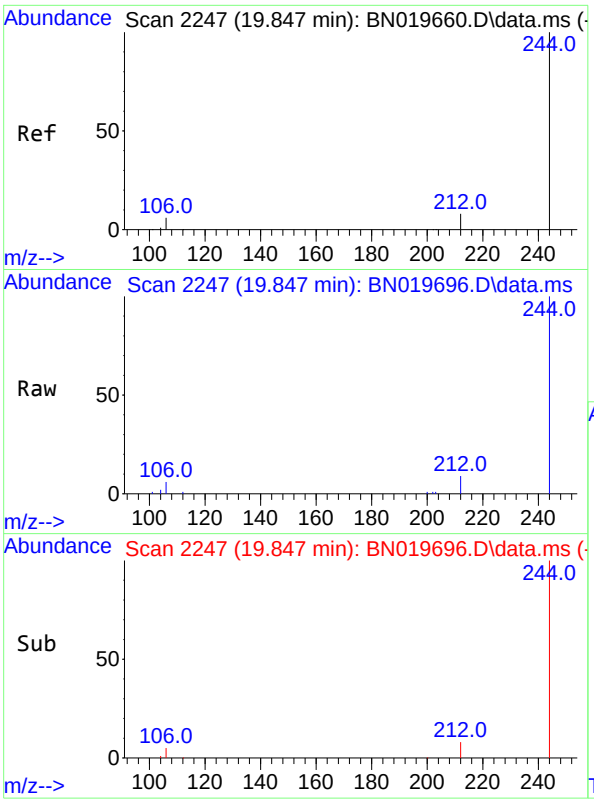


#30
Pyrene
Concen: 0.443 ng
RT: 19.636 min Scan# 2197
Delta R.T. -0.004 min
Lab File: BN019696.D
Acq: 06 May 2022 11:33

Tgt Ion:202 Resp: 22899

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	17.8	14.2	21.4



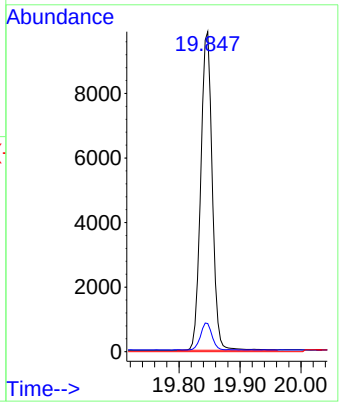


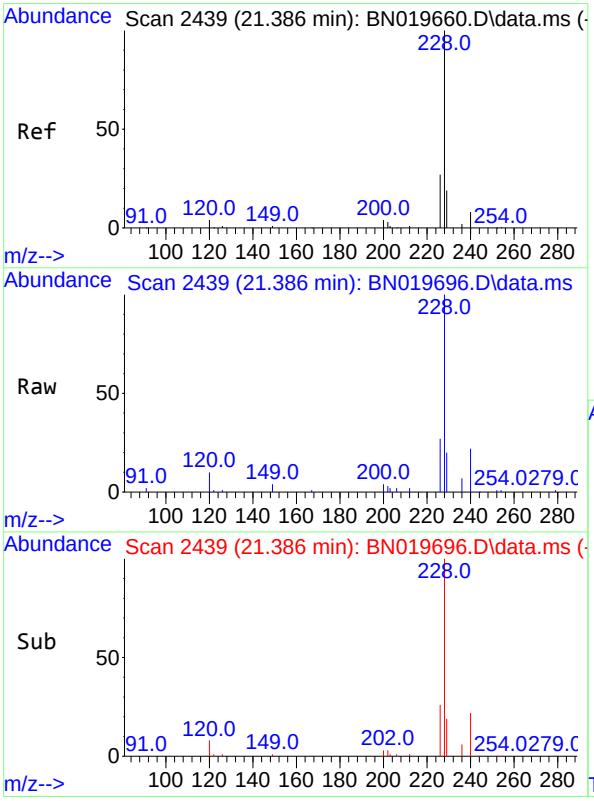
#31
Terphenyl-d14
Concen: 0.442 ng
RT: 19.847 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN019696.D
Acq: 06 May 2022 11:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 12957

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.6	11.4
122	0.0	0.0	0.0

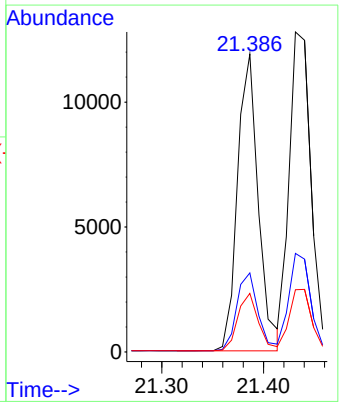


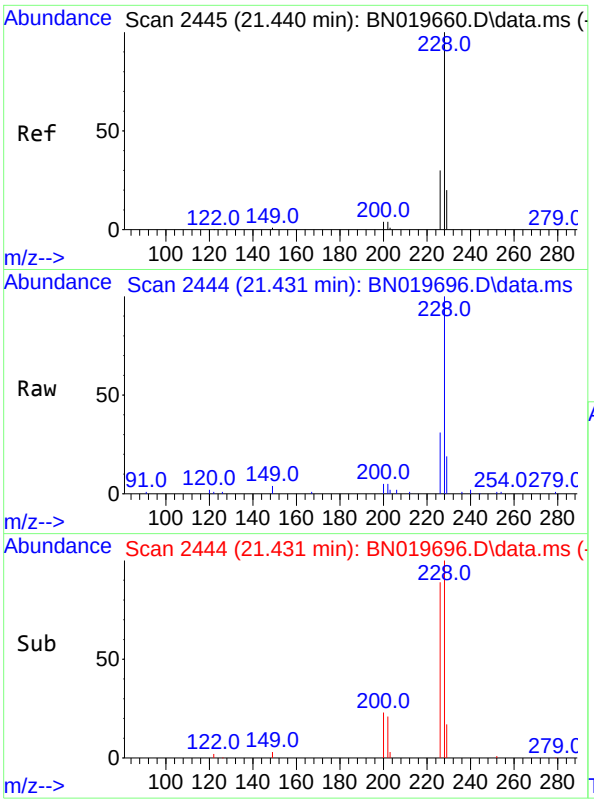


#32
Benzo(a)anthracene
Concen: 0.380 ng
RT: 21.386 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BN019696.D
Acq: 06 May 2022 11:33

Tgt Ion:228 Resp: 16841

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.6	32.4
229	19.6	16.5	24.7



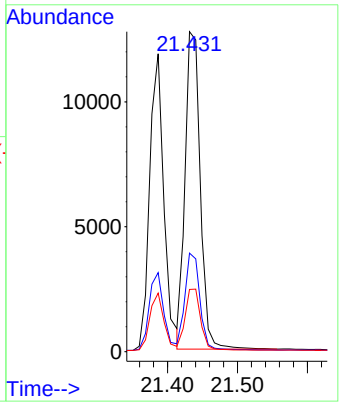


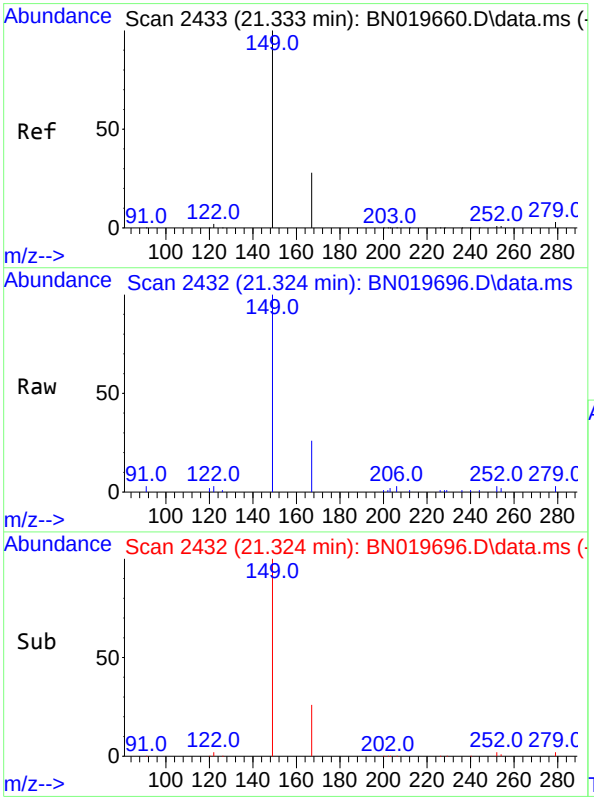
#33
Chrysene
Concen: 0.395 ng
RT: 21.431 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN019696.D
Acq: 06 May 2022 11:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 19176

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.6	36.8
229	19.5	15.9	23.9

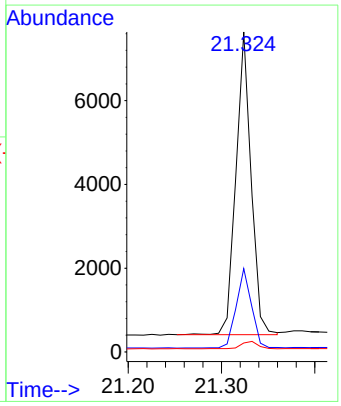


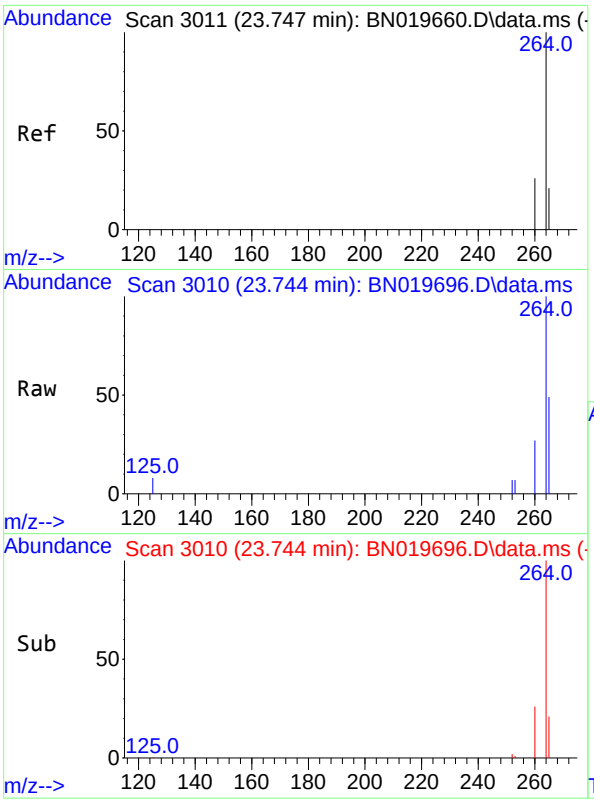


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.349 ng
RT: 21.324 min Scan# 2432
Delta R.T. -0.009 min
Lab File: BN019696.D
Acq: 06 May 2022 11:33

Tgt Ion:149 Resp: 8183

Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.7	32.5
279	2.8	2.8	4.2



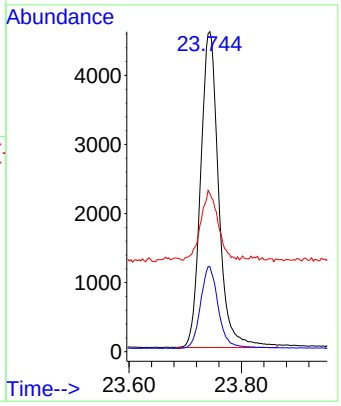


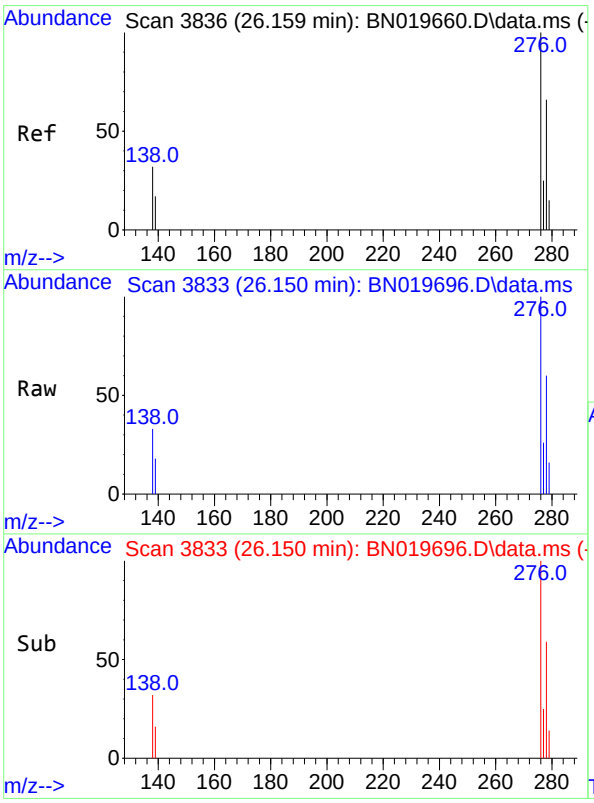
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.744 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN019696.D
Acq: 06 May 2022 11:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 10197

Ion	Ratio	Lower	Upper
264	100		
260	26.6	21.0	31.6
265	49.4	67.9	101.9#

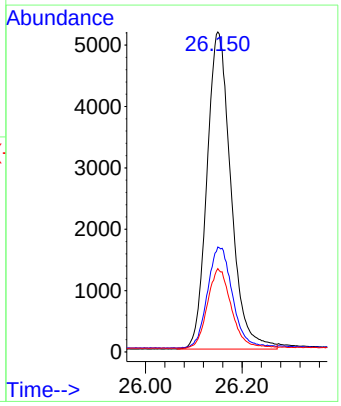


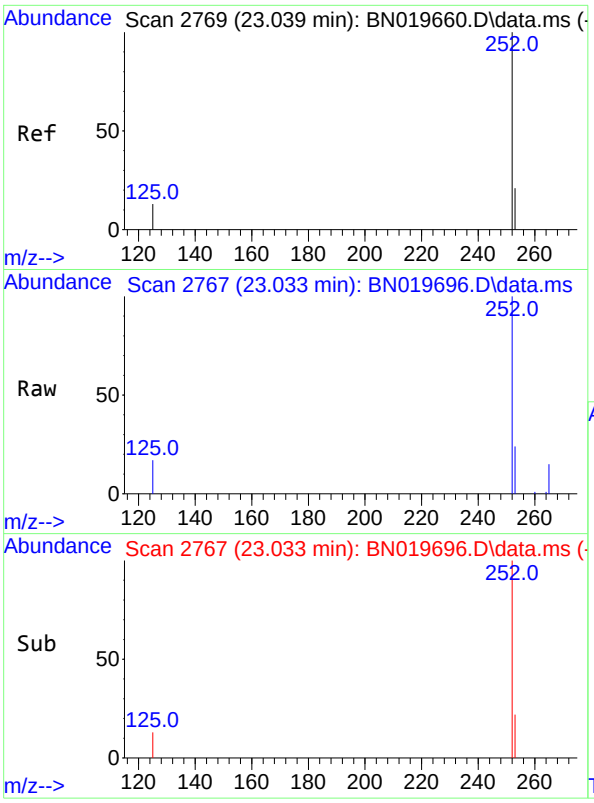


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.384 ng
RT: 26.150 min Scan# 3833
Delta R.T. -0.009 min
Lab File: BN019696.D
Acq: 06 May 2022 11:33

Tgt Ion:276 Resp: 17784

Ion	Ratio	Lower	Upper
276	100		
138	32.9	26.6	40.0
277	25.2	20.0	30.0



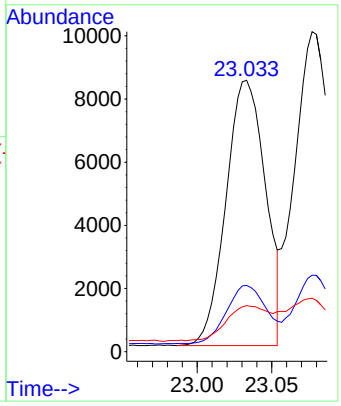


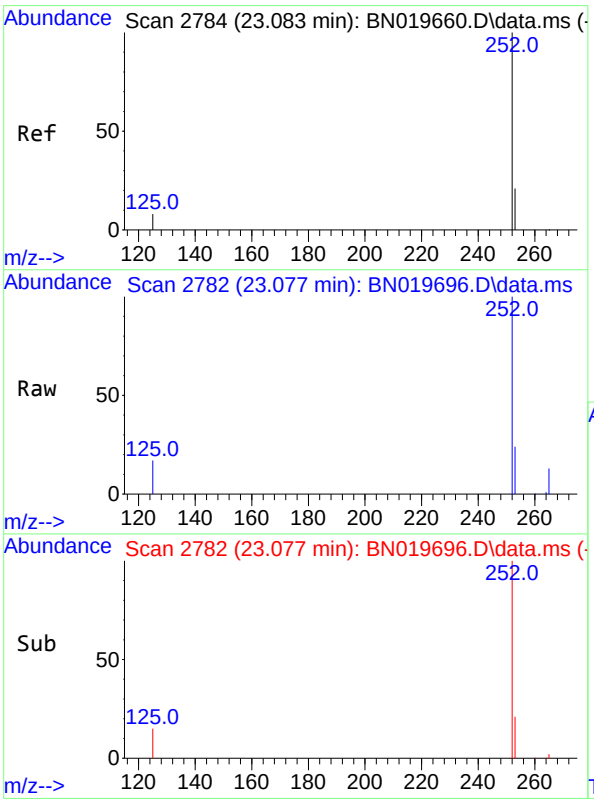
#37
Benzo(b)fluoranthene
Concen: 0.367 ng
RT: 23.033 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN019696.D
Acq: 06 May 2022 11:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 15461

Ion	Ratio	Lower	Upper
252	100		
253	24.4	21.2	31.8
125	17.0	15.9	23.9

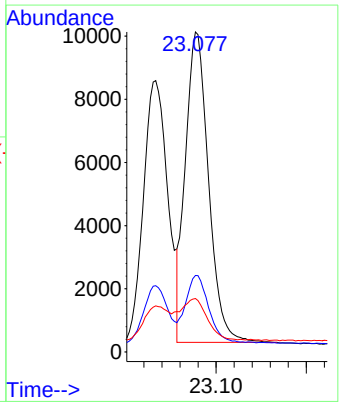


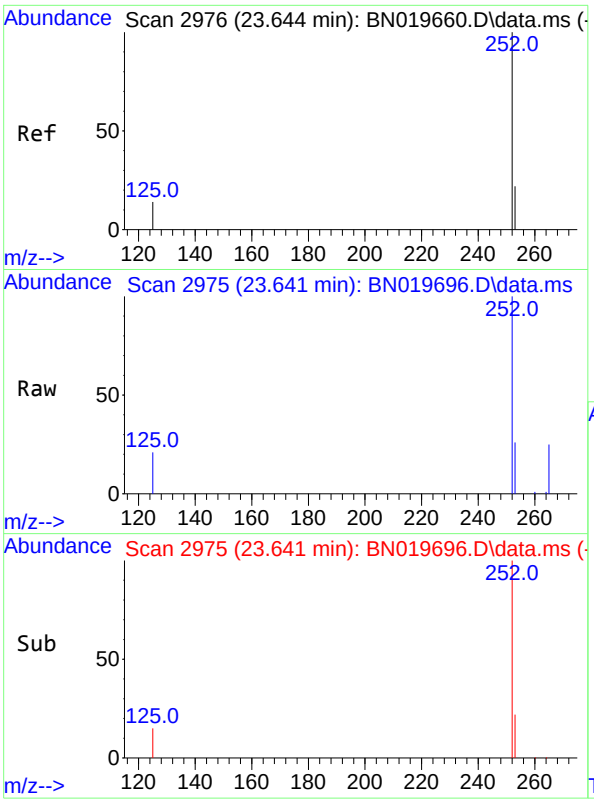


#38
Benzo(k)fluoranthene
Concen: 0.391 ng
RT: 23.077 min Scan# 2782
Delta R.T. -0.006 min
Lab File: BN019696.D
Acq: 06 May 2022 11:33

Tgt Ion:252 Resp: 17461

Ion	Ratio	Lower	Upper
252	100		
253	23.9	21.7	32.5
125	16.7	17.0	25.4#



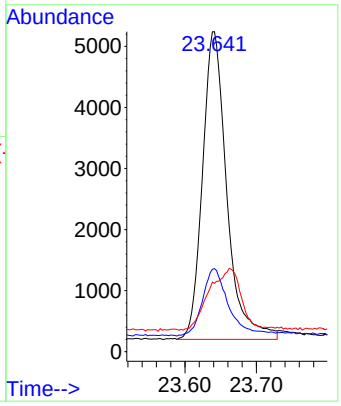


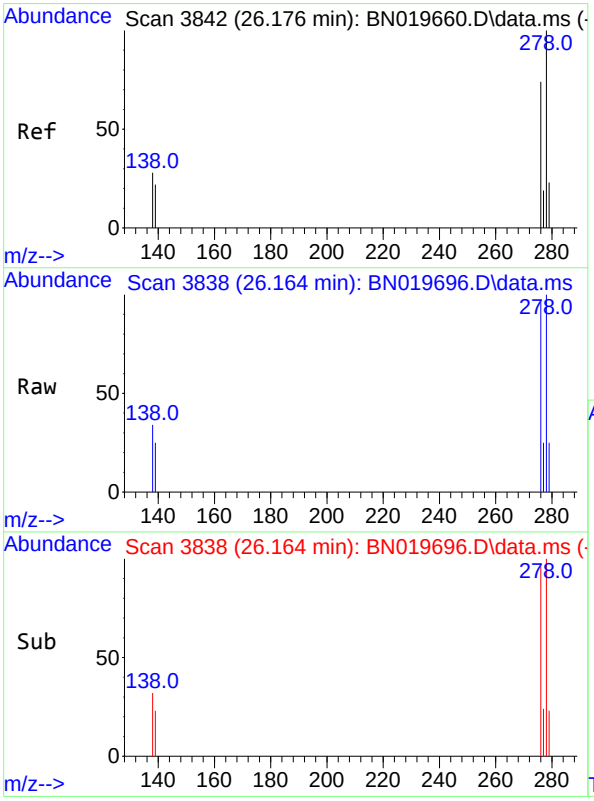
#39
Benzo(a)pyrene
Concen: 0.373 ng
RT: 23.641 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN019696.D
Acq: 06 May 2022 11:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 11929

Ion	Ratio	Lower	Upper
252	100		
253	26.0	23.1	34.7
125	21.4	20.4	30.6

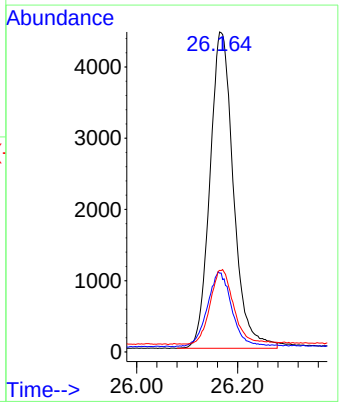


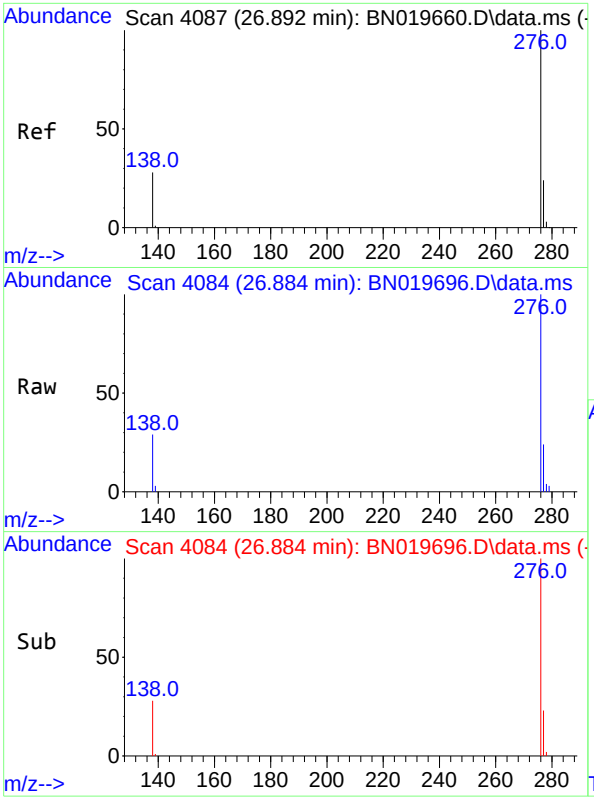


#40
Dibenzo(a,h)anthracene
Concen: 0.381 ng
RT: 26.164 min Scan# 3838
Delta R.T. -0.012 min
Lab File: BN019696.D
Acq: 06 May 2022 11:33

Tgt Ion:278 Resp: 14368

Ion	Ratio	Lower	Upper
278	100		
139	24.7	19.4	29.2
279	25.5	21.8	32.8





#41
Benzo(g,h,i)perylene
Concen: 0.384 ng
RT: 26.884 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN019696.D
Acq: 06 May 2022 11:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 14352

Ion	Ratio	Lower	Upper
276	100		
277	24.1	20.2	30.2
138	29.3	23.5	35.3