Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050622\
Data File : BN019702.D
Acq On : 06 May 2022 17:22
Operator : CG/JU
Sample : PB144641BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB144641BS

Quant Time: May 07 00:52:14 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	7.861	152	5434	0.400	ng		0.00
7) Naphthalene-d8	10.647	136	15724	0.400	ng		0.00
13) Acenaphthene-d10	14.474	164	8526	0.400	ng		-0.01
19) Phenanthrene-d10	17.215	188	16770	0.400	ng		0.00
29) Chrysene-d12	21.404	240	12861	0.400	ng		# 0.00
35) Perylene-d12	23.746	264	10262	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.449	112	3413	0.269	ng		0.00
5) Phenol-d6	7.024	99	4030	0.259	ng		0.00
8) Nitrobenzene-d5	9.003	82	3553	0.279	ng		0.00
11) 2-Methylnaphthalene-d10	12.238	152	7559	0.295	ng		0.00
14) 2,4,6-Tribromophenol	15.964	330	666	0.211	ng		0.00
15) 2-Fluorobiphenyl	13.105	172	11252	0.306	ng		0.00
27) Fluoranthene-d10	19.244	212	12971	0.279	ng		0.00
31) Terphenyl-d14	19.847	244	9177	0.305	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.369	88	1947	0.309	ng		95
3) n-Nitrosodimethylamine	3.687	42	1846	0.284	ng	#	80
6) bis(2-Chloroethyl)ether	7.284	93	4648	0.296	ng		98
9) Naphthalene	10.701	128	13668	0.304	ng		100
10) Hexachlorobutadiene	11.000	225	2705	0.312	ng	#	100
12) 2-Methylnaphthalene	12.310	142	8784	0.298	ng		99
16) Acenaphthylene	14.196	152	11551	0.281	ng		99
17) Acenaphthene	14.538	154	8107	0.286	ng		98
18) Fluorene	15.521	166	9842	0.283	ng		100
20) 4,6-Dinitro-2-methylph...	15.596	198	539	0.211	ng		100
21) 4-Bromophenyl-phenylether	16.415	248	3200	0.296	ng	#	76
22) Hexachlorobenzene	16.528	284	3762	0.313	ng		98
23) Atrazine	16.671	200	1528	0.220	ng		98
24) Pentachlorophenol	16.866	266	844	0.188	ng		96
25) Phenanthrene	17.256	178	16598	0.299	ng		100
26) Anthracene	17.348	178	12984	0.275	ng		99
28) Fluoranthene	19.274	202	16170	0.278	ng		99
30) Pyrene	19.640	202	16119	0.303	ng		100
32) Benzo(a)anthracene	21.386	228	12533	0.275	ng		99
33) Chrysene	21.440	228	15328	0.308	ng		99
34) Bis(2-ethylhexyl)phtha...	21.324	149	5941	0.246	ng	#	98
36) Indeno(1,2,3-cd)pyrene	26.153	276	13898	0.298	ng		99
37) Benzo(b)fluoranthene	23.033	252	12417	0.293	ng		95
38) Benzo(k)fluoranthene	23.083	252	13363	0.298	ng	#	92
39) Benzo(a)pyrene	23.641	252	8921	0.277	ng		95
40) Dibenzo(a,h)anthracene	26.170	278	11377	0.299	ng		98
41) Benzo(g,h,i)perylene	26.883	276	11395	0.303	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050622\
Data File : BN019702.D
Acq On : 06 May 2022 17:22
Operator : CG/JU
Sample : PB144641BS
Misc :
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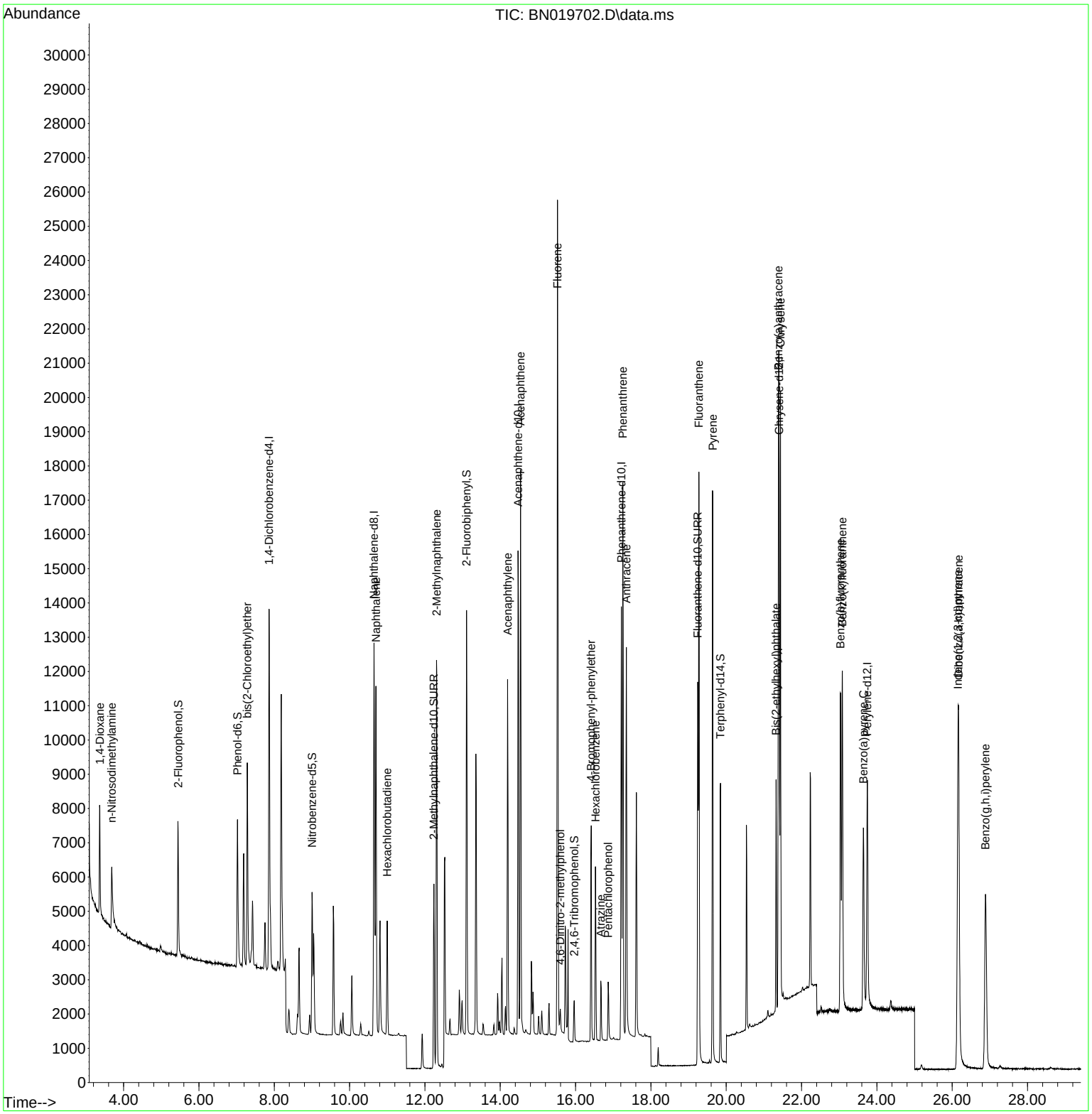
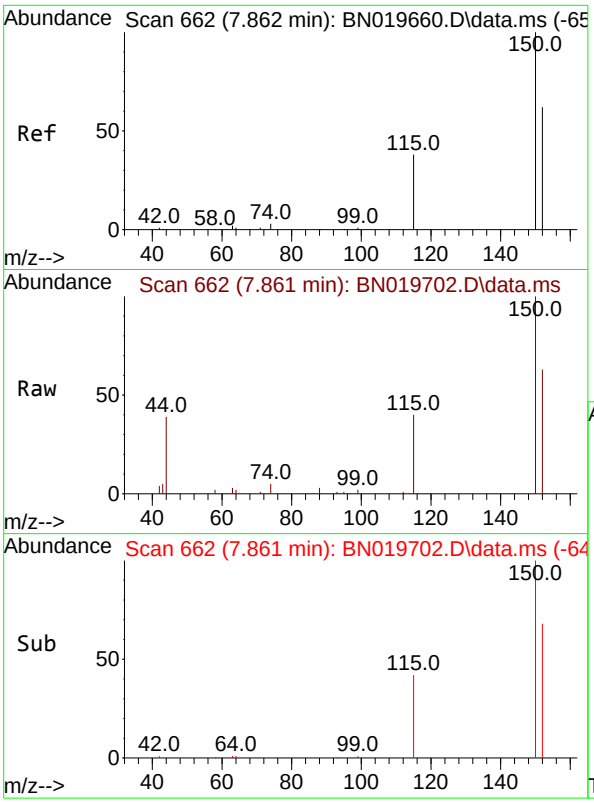
Instrument :
BNA_N
ClientSampleId :
PB144641BS

Quant Time: May 07 00:52:14 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



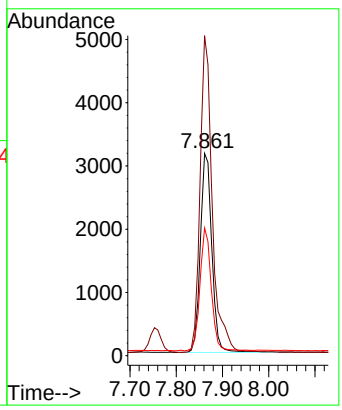


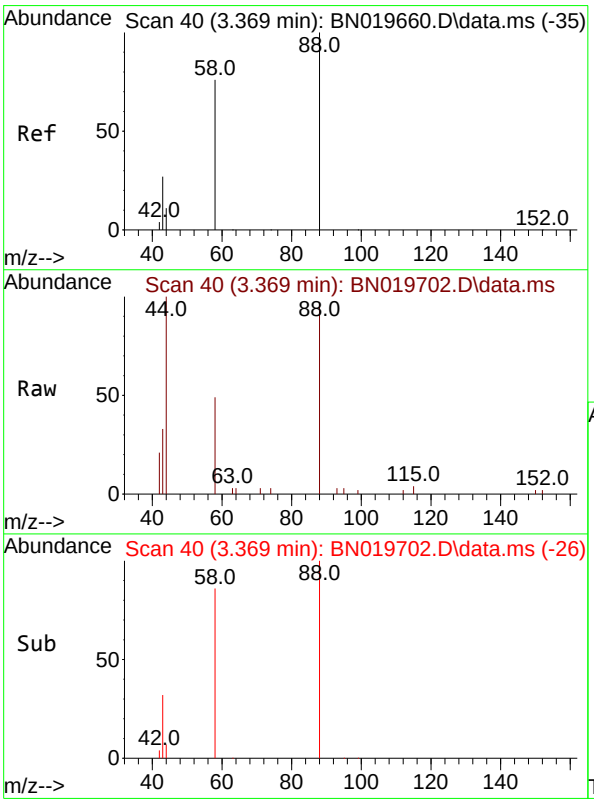
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.861 min Scan# 6
Delta R.T. -0.001 min
Lab File: BN019702.D
Acq: 06 May 2022 17:22

Instrument :
BNA_N
ClientSampleId :
PB144641BS

Tgt Ion:152 Resp: 5434

Ion	Ratio	Lower	Upper
152	100		
150	158.2	122.6	183.8
115	63.1	49.0	73.6

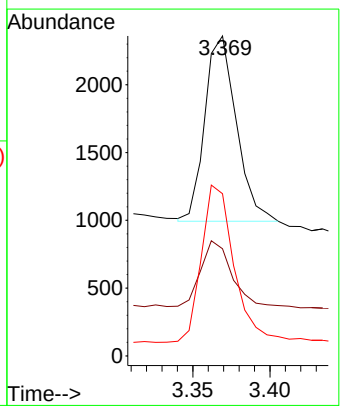


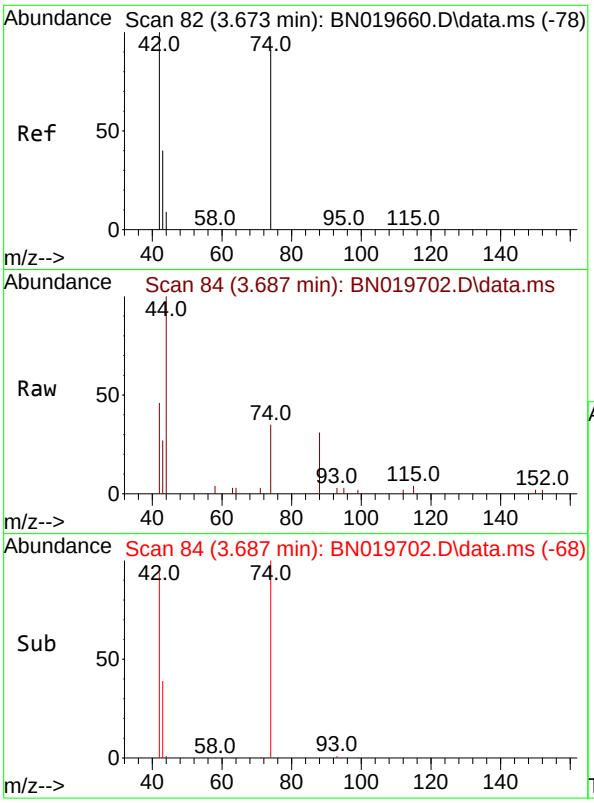


#2
1,4-Dioxane
Concen: 0.309 ng
RT: 3.369 min Scan# 40
Delta R.T. -0.000 min
Lab File: BN019702.D
Acq: 06 May 2022 17:22

Tgt Ion: 88 Resp: 1947

Ion	Ratio	Lower	Upper
88	100		
43	36.6	25.2	37.8
58	87.8	67.6	101.4



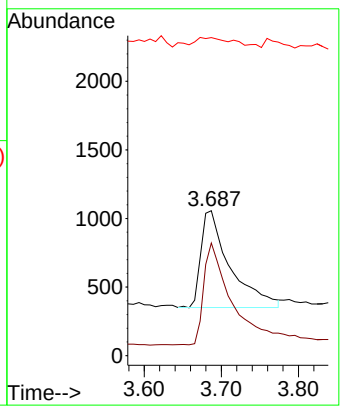


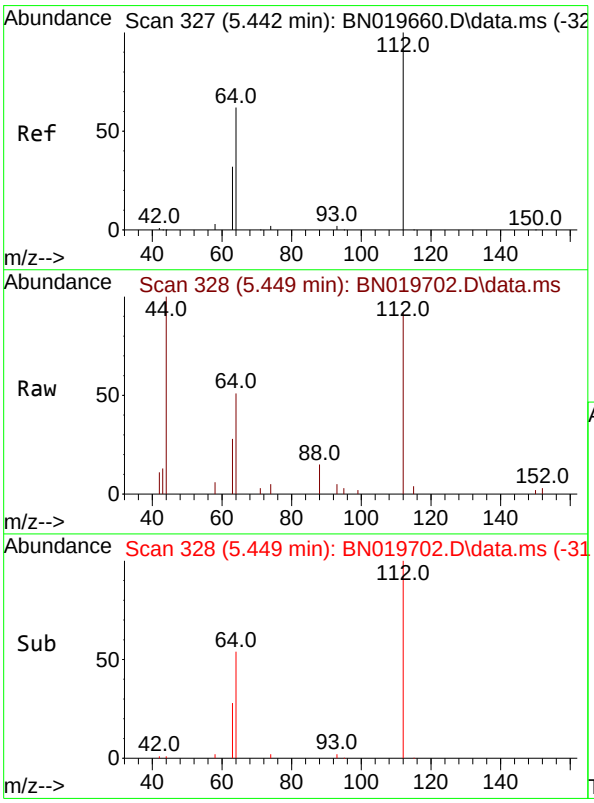
#3
n-Nitrosodimethylamine
Concen: 0.284 ng
RT: 3.687 min Scan# 84
Delta R.T. 0.014 min
Lab File: BN019702.D
Acq: 06 May 2022 17:22

Instrument :
BNA_N
ClientSampleId :
PB144641BS

Tgt Ion: 42 Resp: 1846

Ion	Ratio	Lower	Upper
42	100		
74	103.0	101.8	152.6
44	13.7	8.4	12.6#

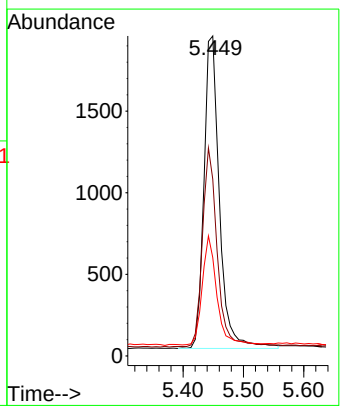


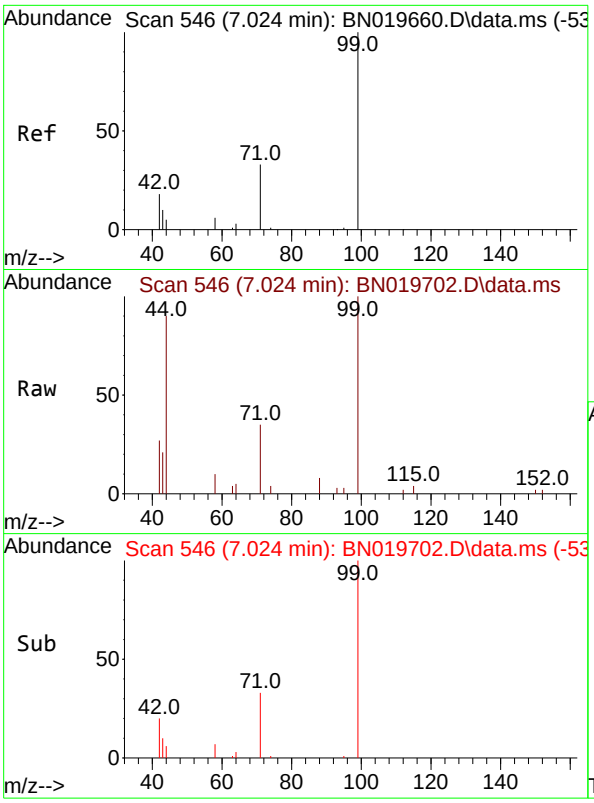


#4
2-Fluorophenol
Concen: 0.269 ng
RT: 5.449 min Scan# 328
Delta R.T. 0.007 min
Lab File: BN019702.D
Acq: 06 May 2022 17:22

Tgt Ion:112 Resp: 3413

Ion	Ratio	Lower	Upper
112	100		
64	61.6	47.3	70.9
63	32.6	24.6	36.8



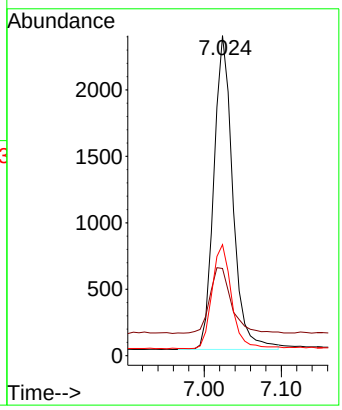


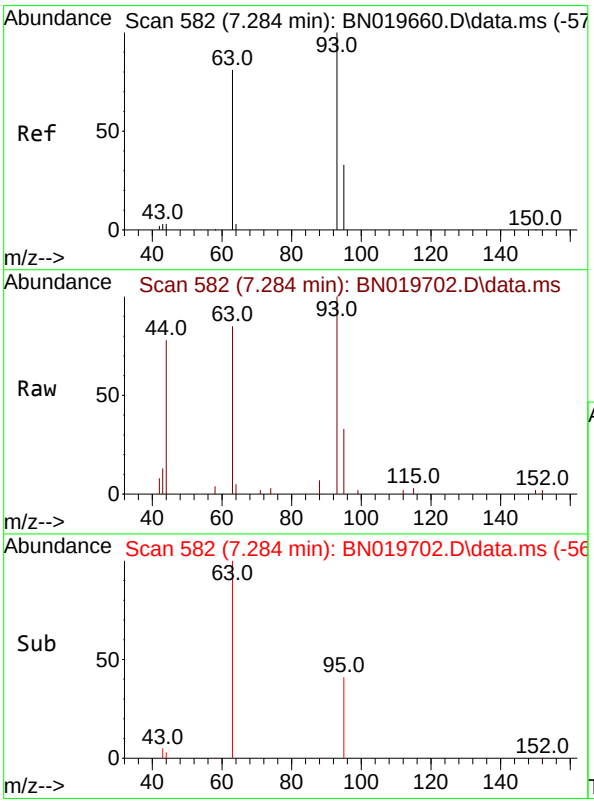
#5
Phenol-d6
Concen: 0.259 ng
RT: 7.024 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN019702.D
Acq: 06 May 2022 17:22

Instrument :
BNA_N
ClientSampleId :
PB144641BS

Tgt Ion: 99 Resp: 4030

Ion	Ratio	Lower	Upper
99	100		
42	23.5	15.8	23.8
71	34.0	26.5	39.7

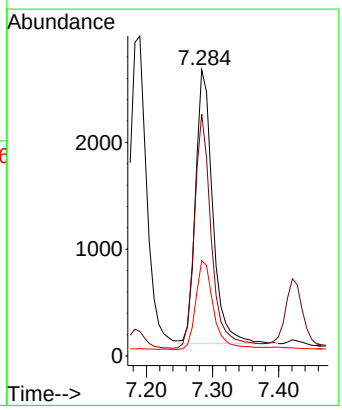


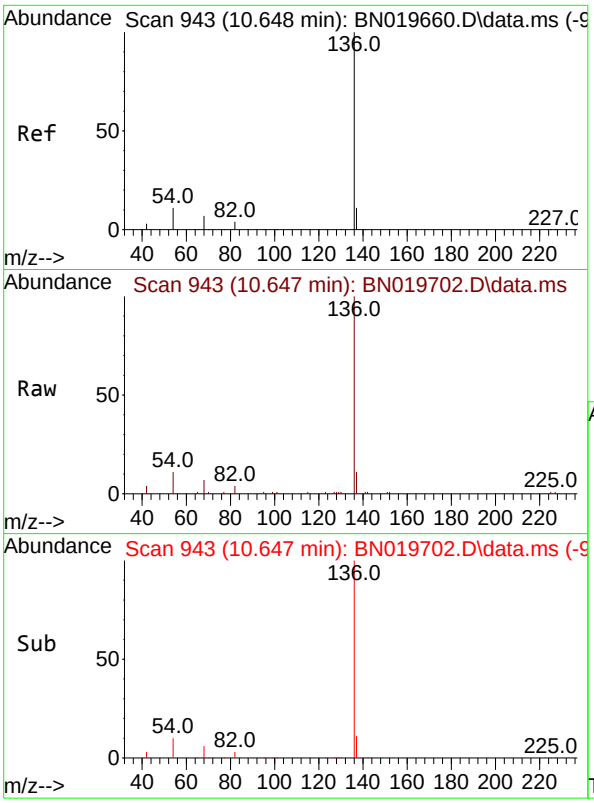


#6
bis(2-Chloroethyl)ether
Concen: 0.296 ng
RT: 7.284 min Scan# 582
Delta R.T. -0.000 min
Lab File: BN019702.D
Acq: 06 May 2022 17:22

Tgt Ion: 93 Resp: 4648

Ion	Ratio	Lower	Upper
93	100		
63	85.0	65.8	98.8
95	34.1	27.4	41.2



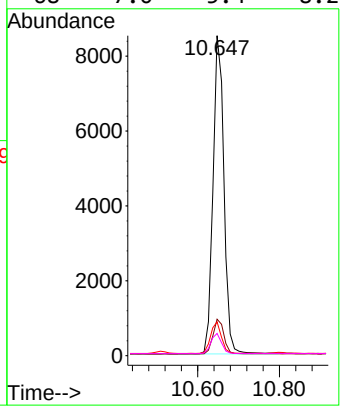


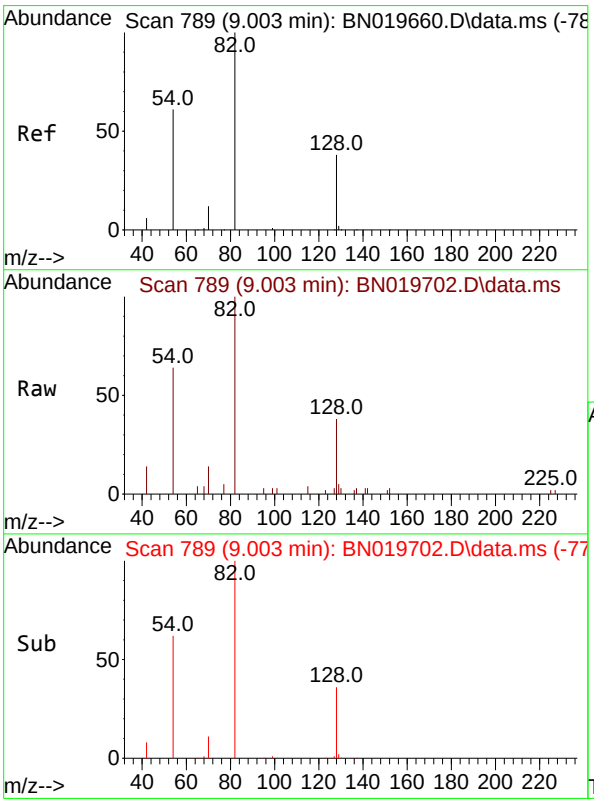
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.647 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN019702.D
Acq: 06 May 2022 17:22

Instrument :
BNA_N
ClientSampleId :
PB144641BS

Tgt Ion:136 Resp: 15724

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	10.5	7.8	11.6
68	7.0	5.4	8.2

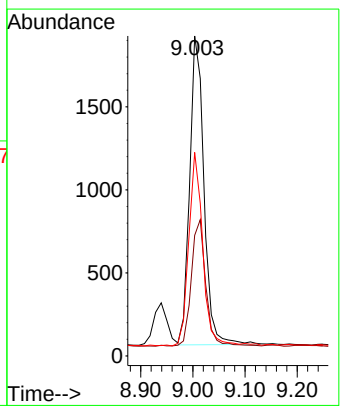


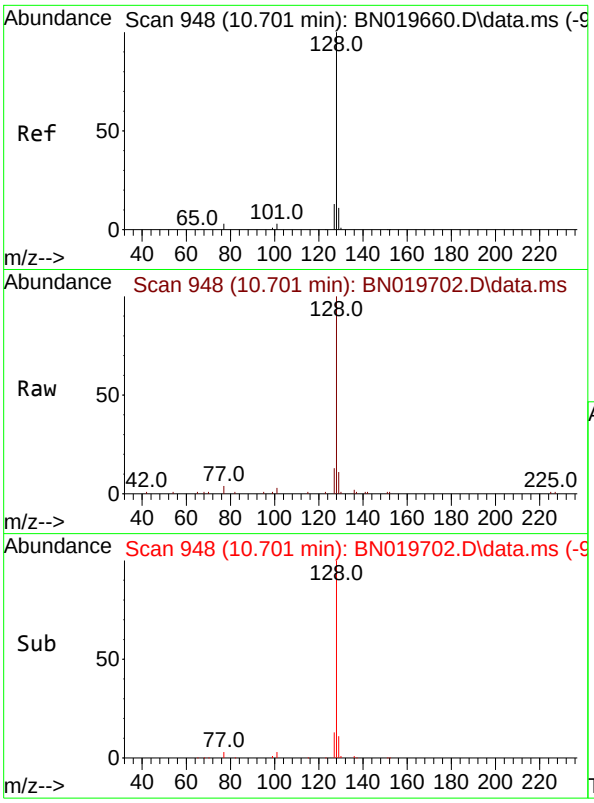


#8
Nitrobenzene-d5
Concen: 0.279 ng
RT: 9.003 min Scan# 789
Delta R.T. -0.000 min
Lab File: BN019702.D
Acq: 06 May 2022 17:22

Tgt Ion: 82 Resp: 3553

Ion	Ratio	Lower	Upper
82	100		
128	37.7	32.4	48.6
54	63.6	44.4	66.6



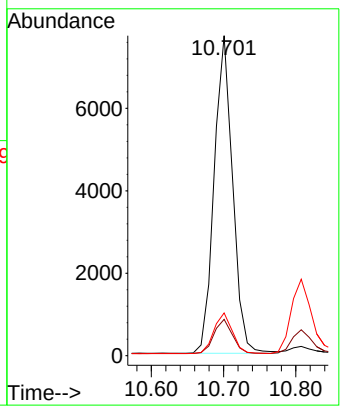


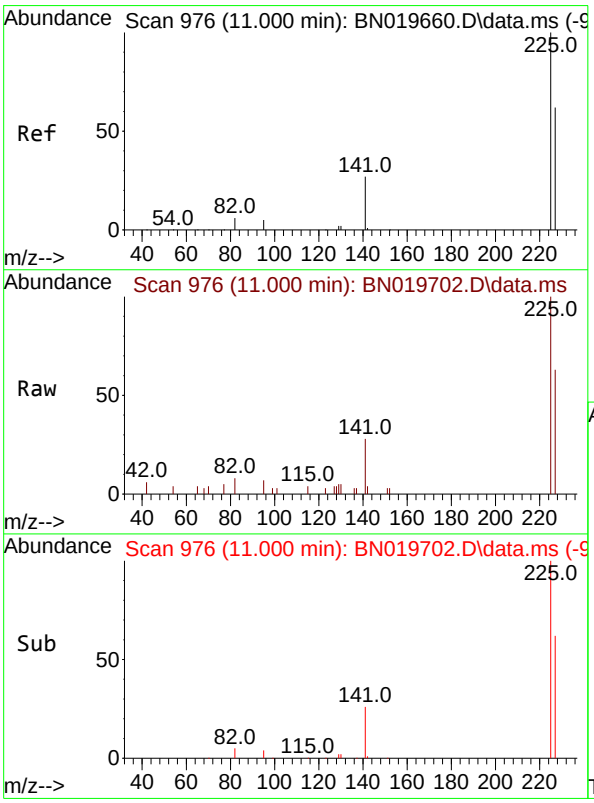
#9
Naphthalene
Concen: 0.304 ng
RT: 10.701 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN019702.D
Acq: 06 May 2022 17:22

Instrument :
BNA_N
ClientSampleId :
PB144641BS

Tgt Ion:128 Resp: 13668

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.4
127	13.3	10.8	16.2

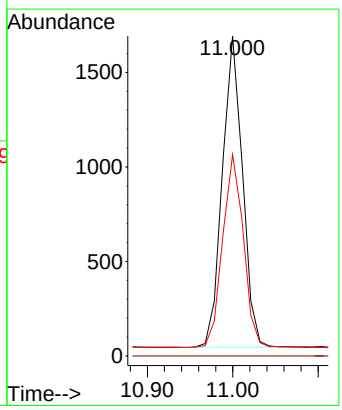


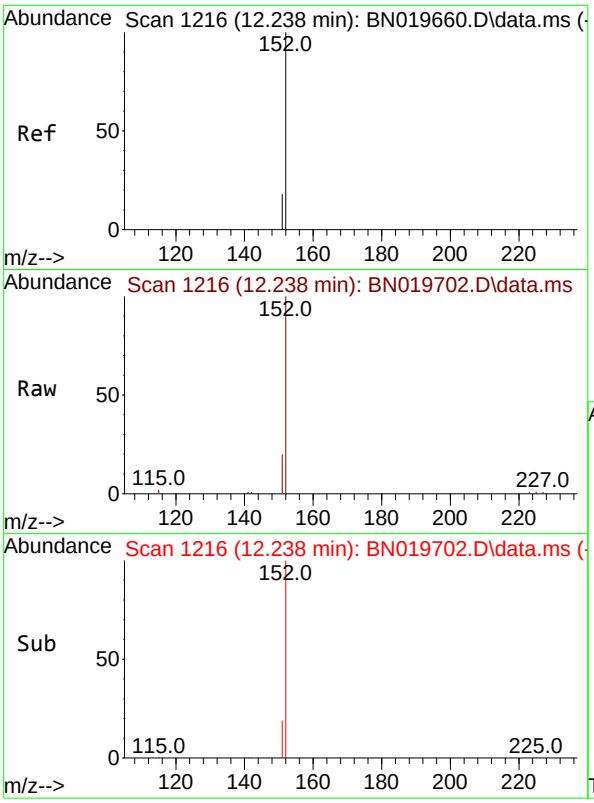


#10
Hexachlorobutadiene
Concen: 0.312 ng
RT: 11.000 min Scan# 976
Delta R.T. -0.000 min
Lab File: BN019702.D
Acq: 06 May 2022 17:22

Tgt Ion:225 Resp: 2705

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.5	50.8	76.2



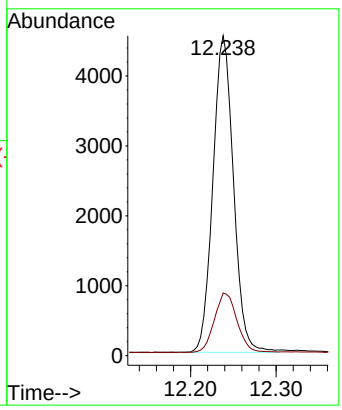


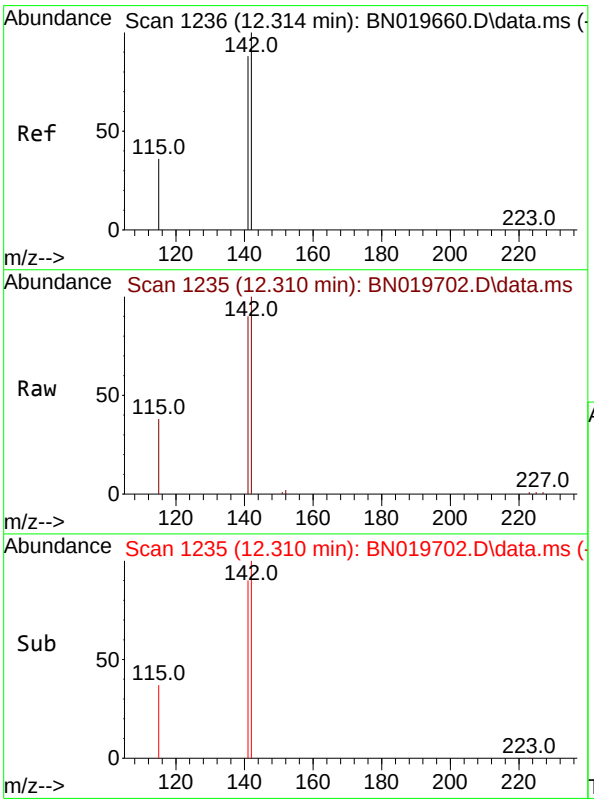
#11
2-Methylnaphthalene-d10
Concen: 0.295 ng
RT: 12.238 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019702.D
Acq: 06 May 2022 17:22

Instrument :
BNA_N
ClientSampleId :
PB144641BS

Tgt Ion:152 Resp: 7559

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.2	24.4

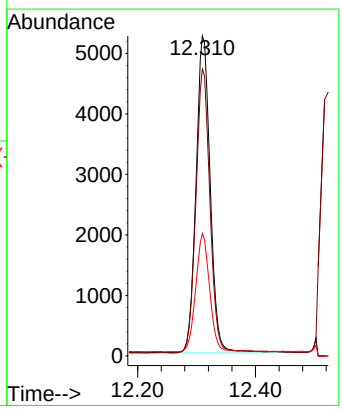


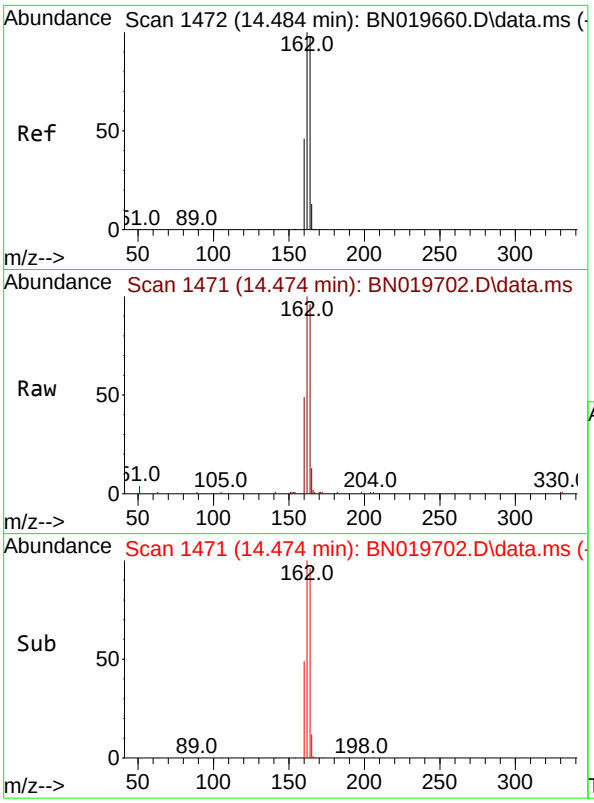


#12
2-Methylnaphthalene
Concen: 0.298 ng
RT: 12.310 min Scan# 1235
Delta R.T. -0.004 min
Lab File: BN019702.D
Acq: 06 May 2022 17:22

Tgt Ion:142 Resp: 8784

Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.0	106.6
115	38.3	29.6	44.4



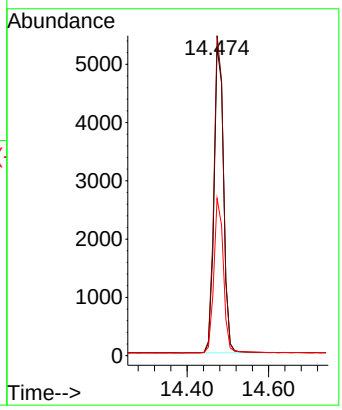


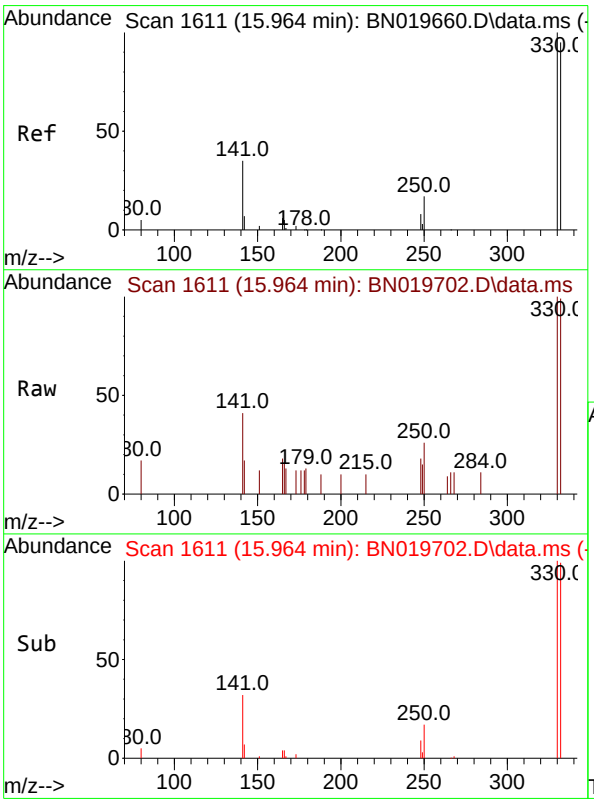
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN019702.D
Acq: 06 May 2022 17:22

Instrument :
BNA_N
ClientSampleId :
PB144641BS

Tgt Ion:164 Resp: 8526

Ion	Ratio	Lower	Upper
164	100		
162	103.6	81.8	122.6
160	50.9	38.3	57.5

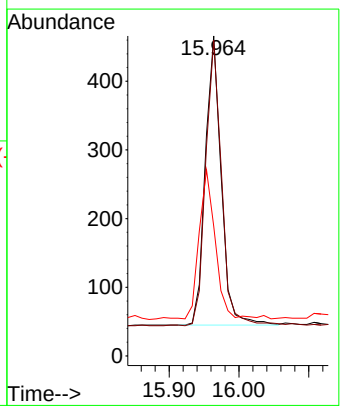


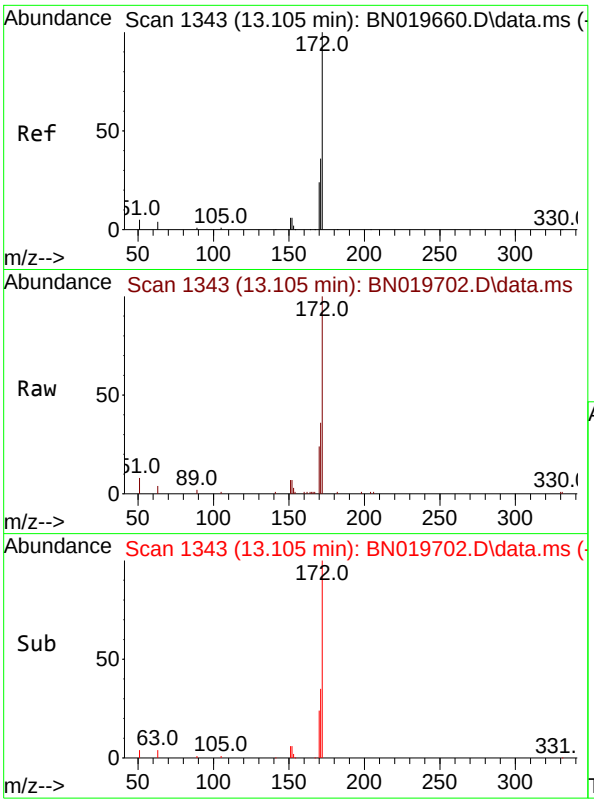


#14
2,4,6-Tribromophenol
Concen: 0.211 ng
RT: 15.964 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BN019702.D
Acq: 06 May 2022 17:22

Tgt Ion:330 Resp: 666

Ion	Ratio	Lower	Upper
330	100		
332	99.1	76.2	114.4
141	52.6	39.7	59.5



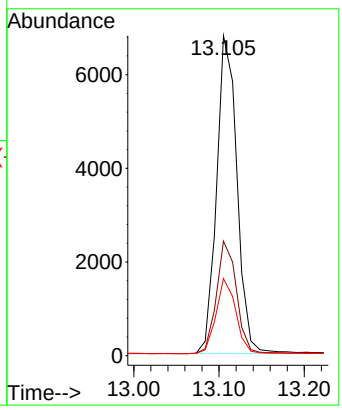


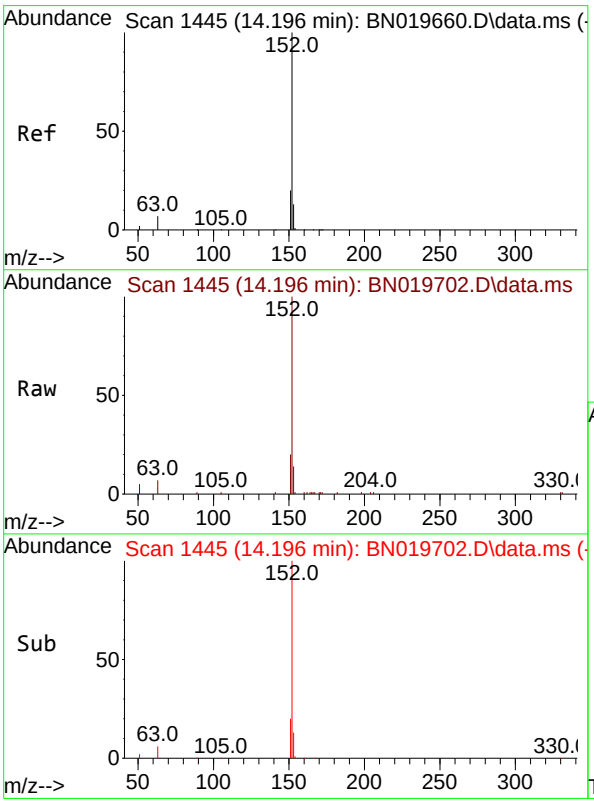
#15
2-Fluorobiphenyl
Concen: 0.306 ng
RT: 13.105 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019702.D
Acq: 06 May 2022 17:22

Instrument :
BNA_N
ClientSampleId :
PB144641BS

Tgt Ion:172 Resp: 11252

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.0	42.0
170	24.1	19.0	28.4

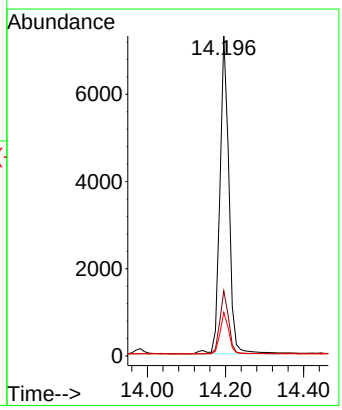


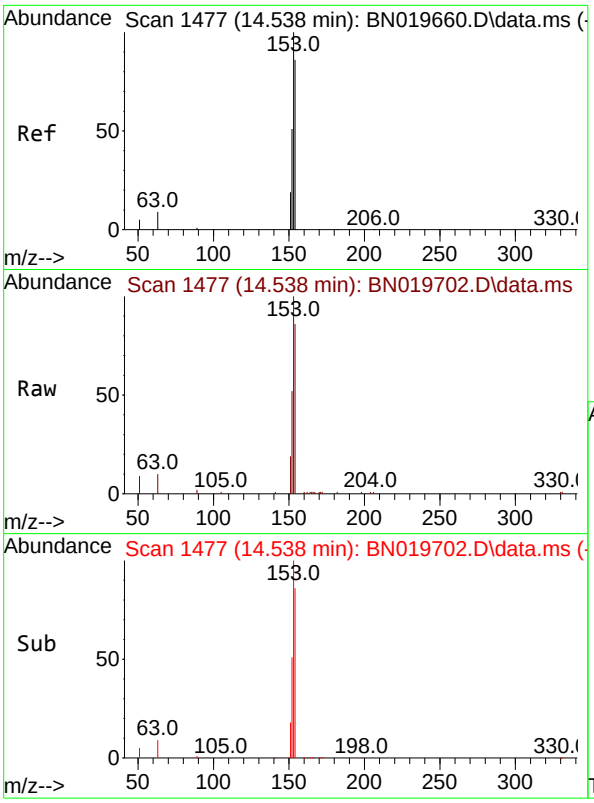


#16
Acenaphthylene
Concen: 0.281 ng
RT: 14.196 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BN019702.D
Acq: 06 May 2022 17:22

Tgt Ion:152 Resp: 11551

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.2	24.4
153	12.7	10.5	15.7



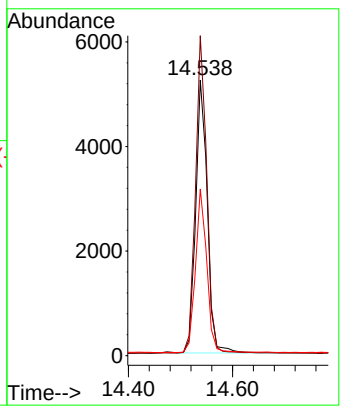


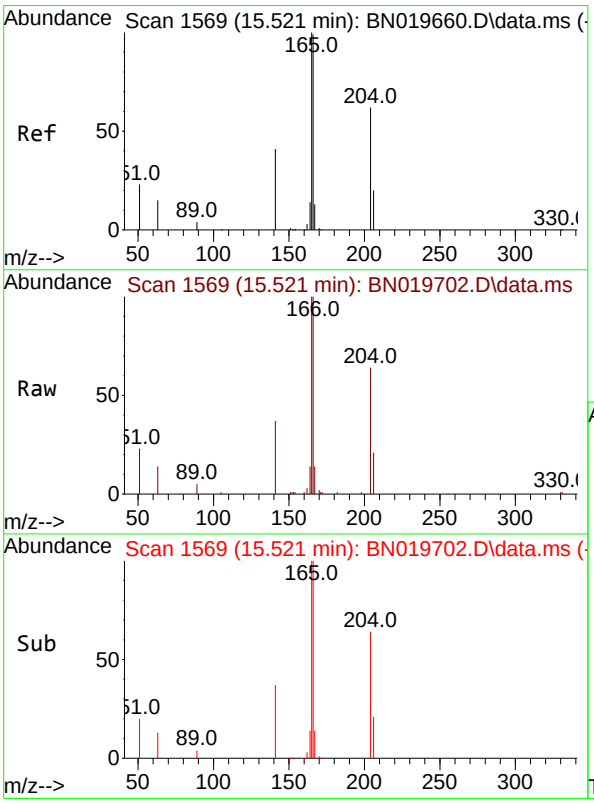
#17
Acenaphthene
Concen: 0.286 ng
RT: 14.538 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN019702.D
Acq: 06 May 2022 17:22

Instrument :
BNA_N
ClientSampleId :
PB144641BS

Tgt Ion:154 Resp: 8107

Ion	Ratio	Lower	Upper
154	100		
153	112.9	89.3	133.9
152	58.2	44.1	66.1

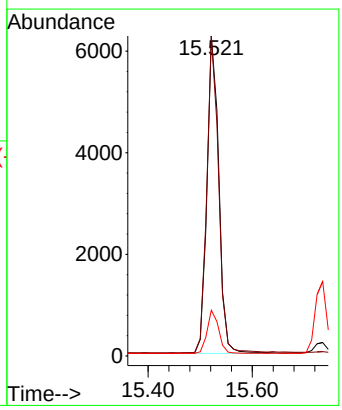


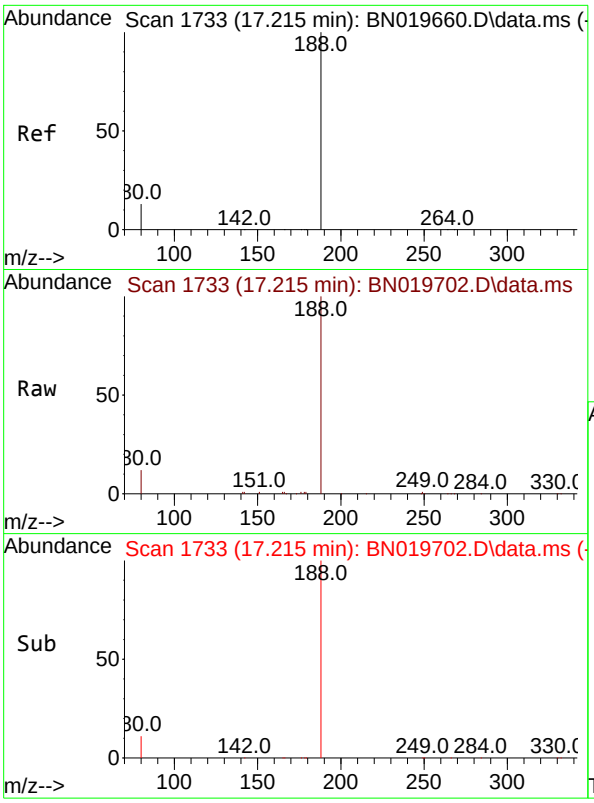


#18
Fluorene
Concen: 0.283 ng
RT: 15.521 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BN019702.D
Acq: 06 May 2022 17:22

Tgt Ion:166 Resp: 9842

Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.1	118.7
167	13.5	10.7	16.1



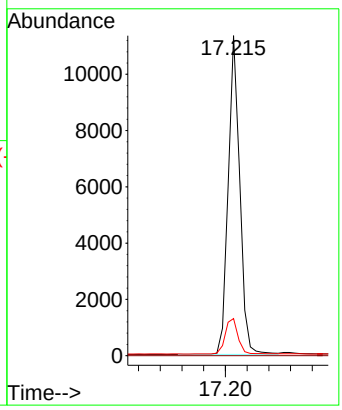


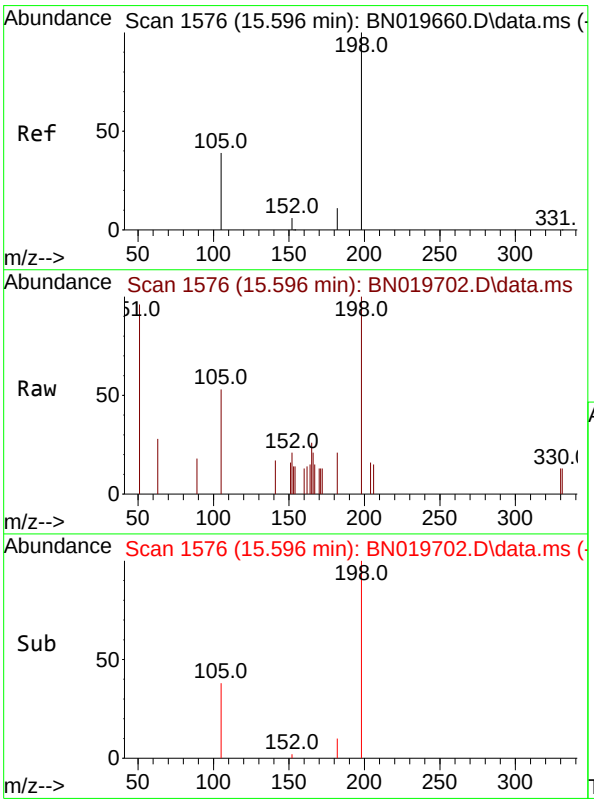
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.215 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019702.D
Acq: 06 May 2022 17:22

Instrument :
BNA_N
ClientSampleId :
PB144641BS

Tgt Ion:188 Resp: 16770

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.6	8.6	12.8

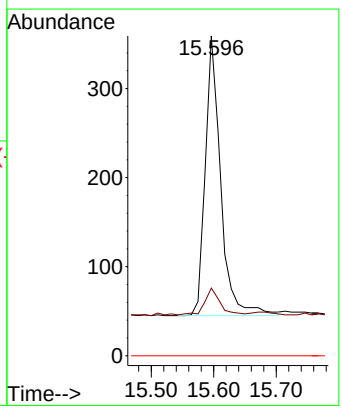


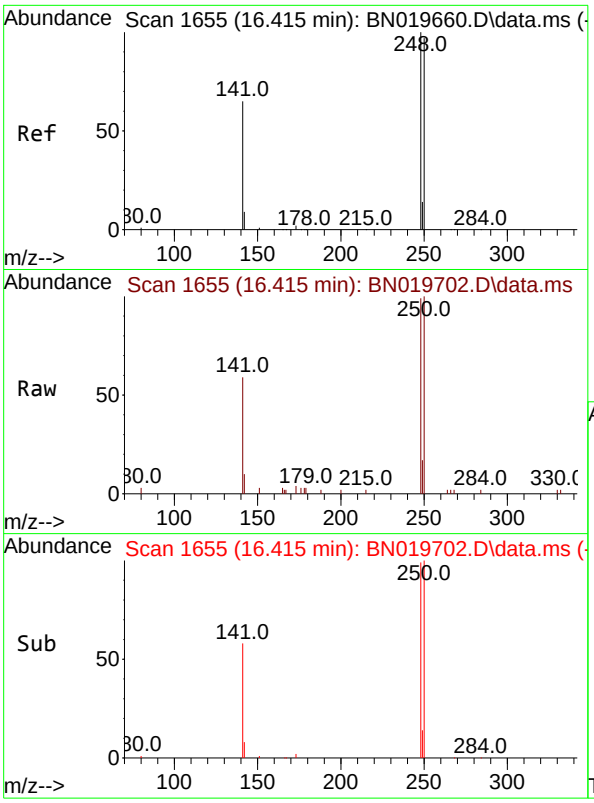


#20
4,6-Dinitro-2-methylphenol
Concen: 0.211 ng
RT: 15.596 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BN019702.D
Acq: 06 May 2022 17:22

Tgt Ion:198 Resp: 539

Ion	Ratio	Lower	Upper
198	100		
182	21.2	16.9	25.3
77	0.0	0.0	0.0



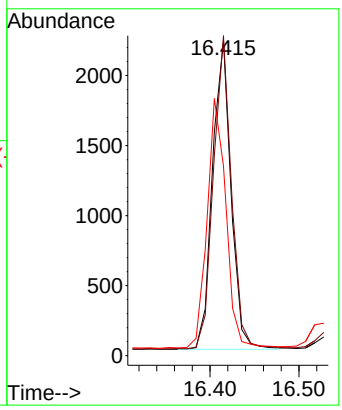


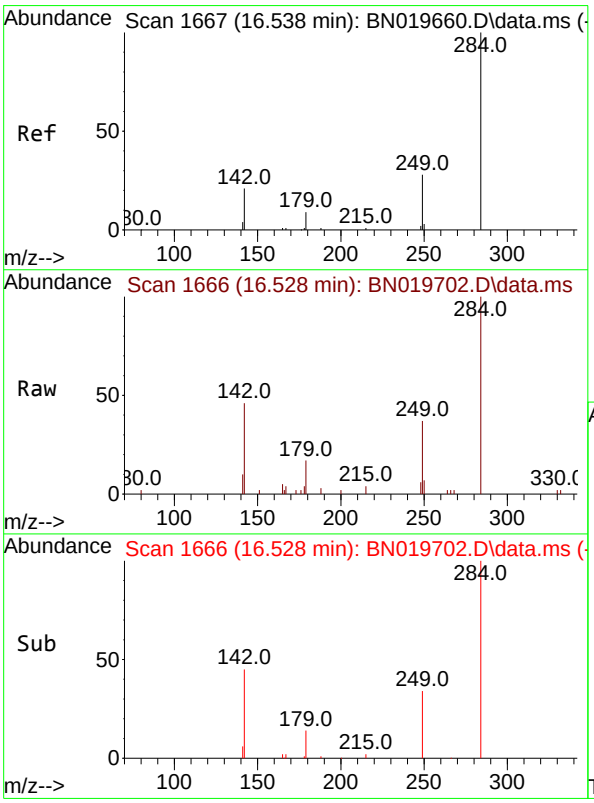
#21
4-Bromophenyl-phenylether
Concen: 0.296 ng
RT: 16.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019702.D
Acq: 06 May 2022 17:22

Instrument :
BNA_N
ClientSampleId :
PB144641BS

Tgt Ion:248 Resp: 3200

Ion	Ratio	Lower	Upper
248	100		
250	101.5	75.5	113.3
141	60.2	79.9	119.9#

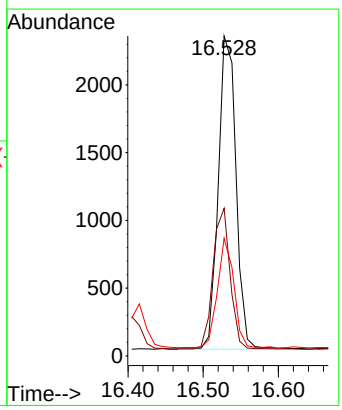


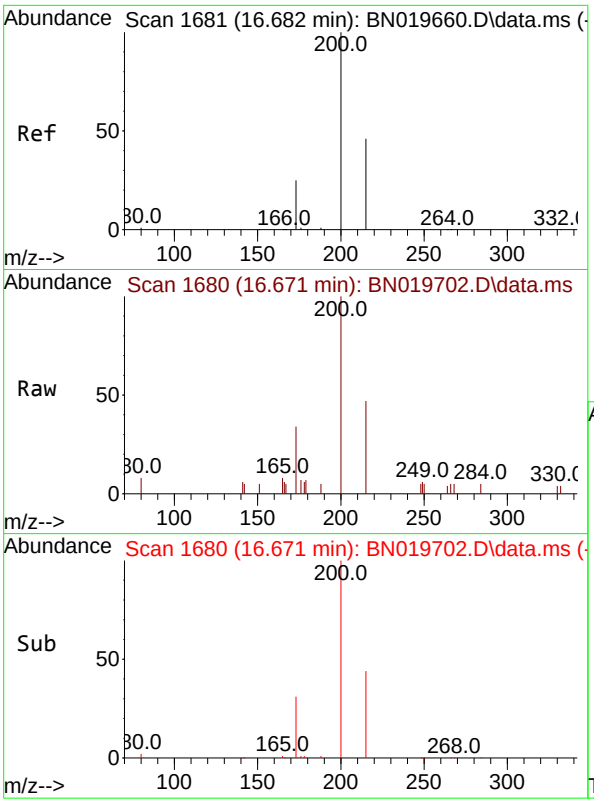


#22
Hexachlorobenzene
Concen: 0.313 ng
RT: 16.528 min Scan# 1666
Delta R.T. -0.010 min
Lab File: BN019702.D
Acq: 06 May 2022 17:22

Tgt Ion:284 Resp: 3762

Ion	Ratio	Lower	Upper
284	100		
142	43.3	33.2	49.8
249	33.1	26.4	39.6



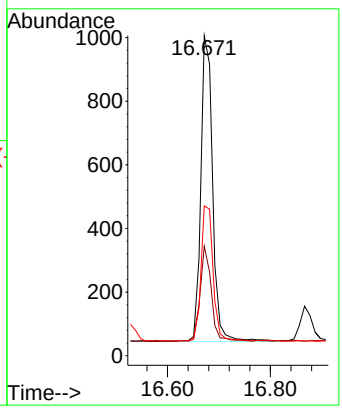


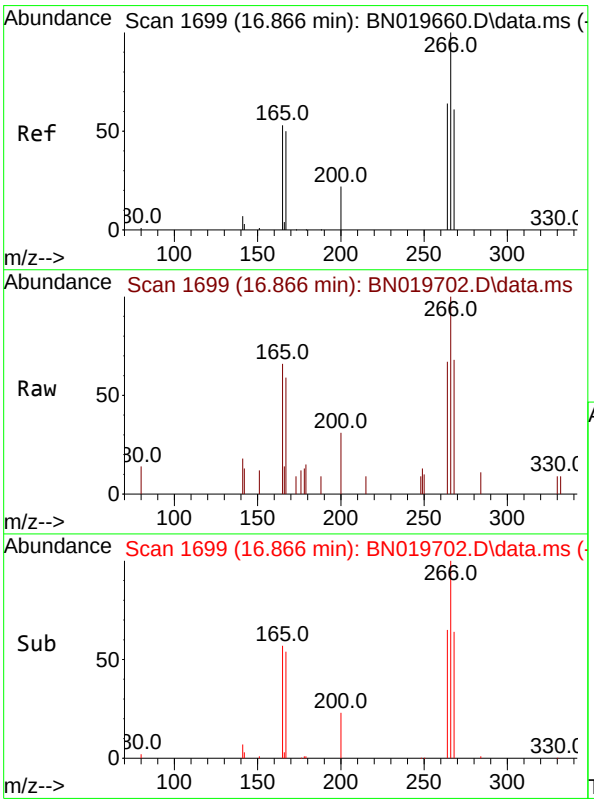
#23
Atrazine
Concen: 0.220 ng
RT: 16.671 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN019702.D
Acq: 06 May 2022 17:22

Instrument :
BNA_N
ClientSampleId :
PB144641BS

Tgt Ion:200 Resp: 1528

Ion	Ratio	Lower	Upper
200	100		
173	34.2	28.5	42.7
215	46.8	37.0	55.4

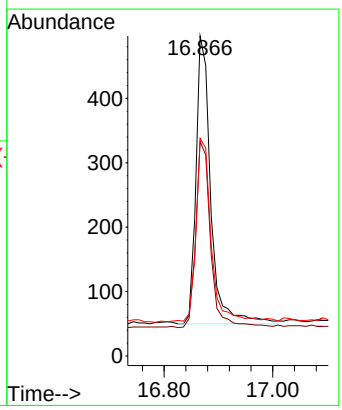


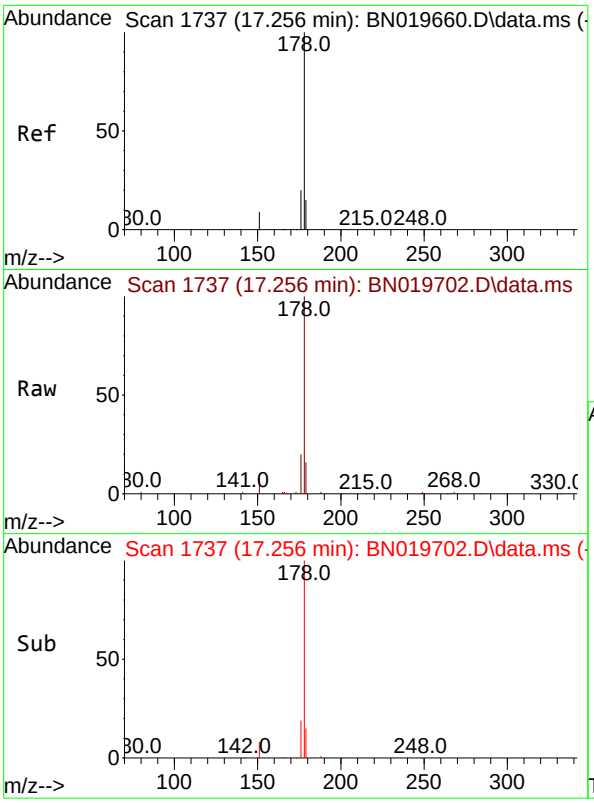


#24
Pentachlorophenol
Concen: 0.188 ng
RT: 16.866 min Scan# 1699
Delta R.T. -0.000 min
Lab File: BN019702.D
Acq: 06 May 2022 17:22

Tgt Ion:266 Resp: 844

Ion	Ratio	Lower	Upper
266	100		
264	65.0	48.0	72.0
268	66.2	54.2	81.2



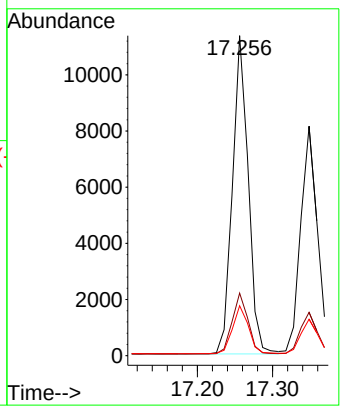


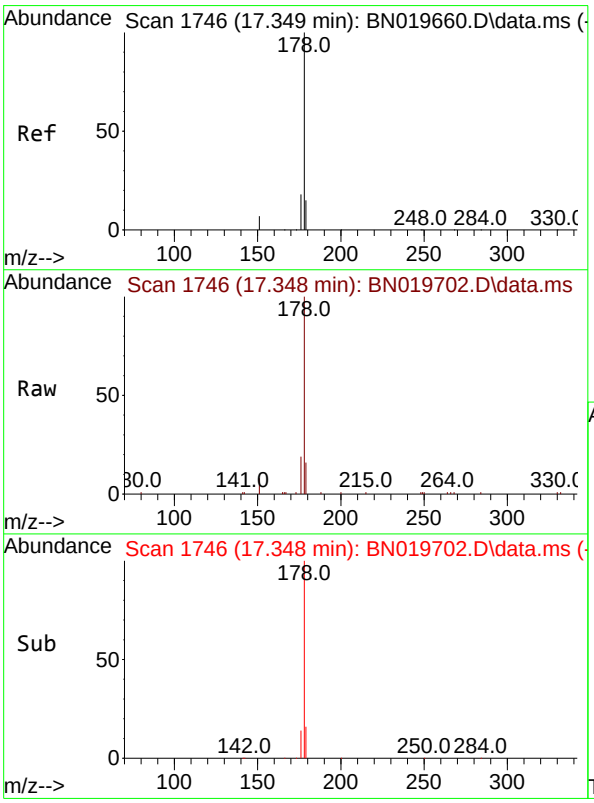
#25
Phenanthrene
Concen: 0.299 ng
RT: 17.256 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019702.D
Acq: 06 May 2022 17:22

Instrument :
BNA_N
ClientSampleId :
PB144641BS

Tgt Ion:178 Resp: 16598

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.3	12.1	18.1

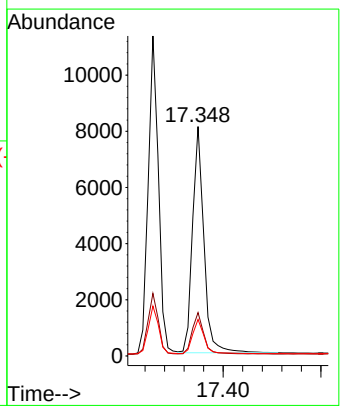


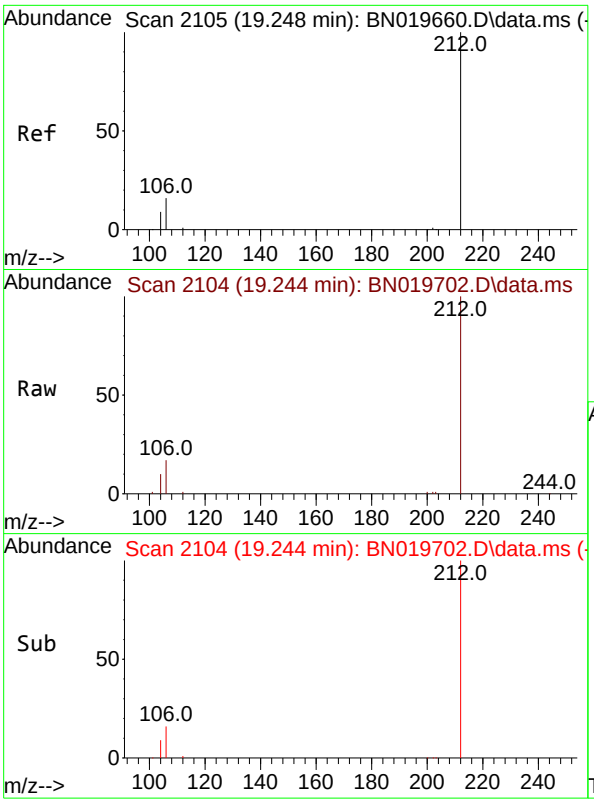


#26
Anthracene
Concen: 0.275 ng
RT: 17.348 min Scan# 1746
Delta R.T. -0.000 min
Lab File: BN019702.D
Acq: 06 May 2022 17:22

Tgt Ion:178 Resp: 12984

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



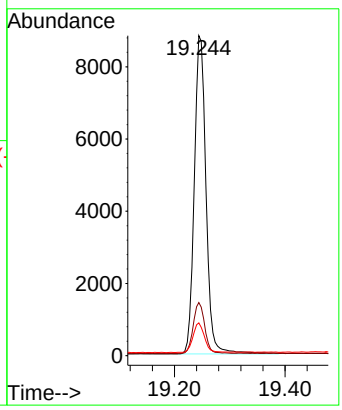


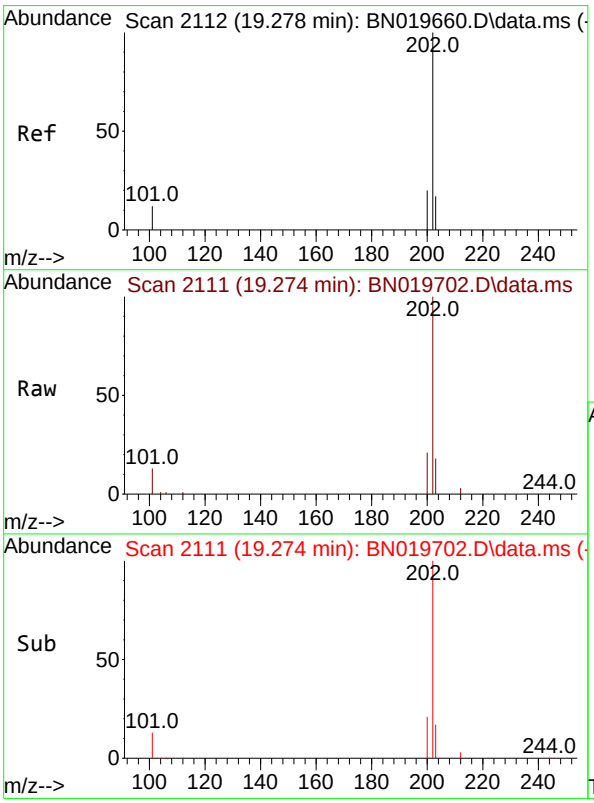
#27
Fluoranthene-d10
Concen: 0.279 ng
RT: 19.244 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN019702.D
Acq: 06 May 2022 17:22

Instrument :
BNA_N
ClientSampleId :
PB144641BS

Tgt Ion:212 Resp: 12971

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

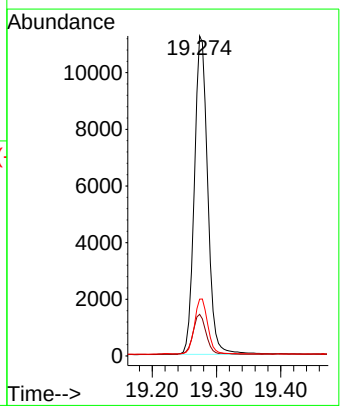


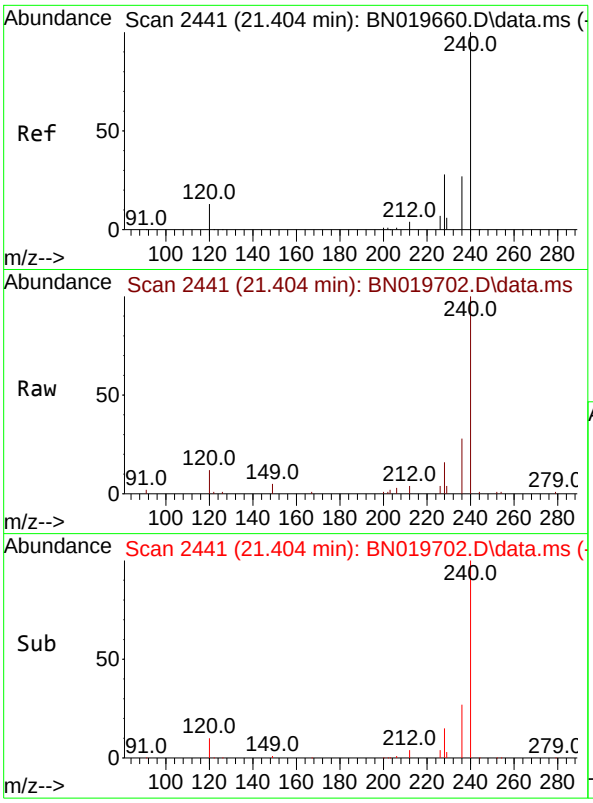


#28
Fluoranthene
Concen: 0.278 ng
RT: 19.274 min Scan# 2111
Delta R.T. -0.004 min
Lab File: BN019702.D
Acq: 06 May 2022 17:22

Tgt Ion:202 Resp: 16170

Ion	Ratio	Lower	Upper
202	100		
101	12.4	10.6	15.8
203	17.2	13.6	20.4



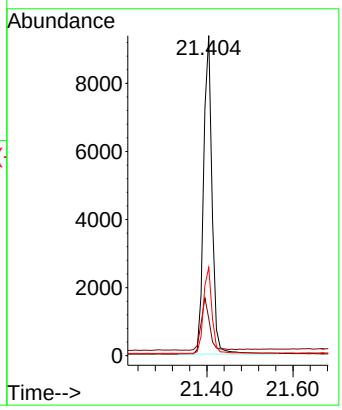


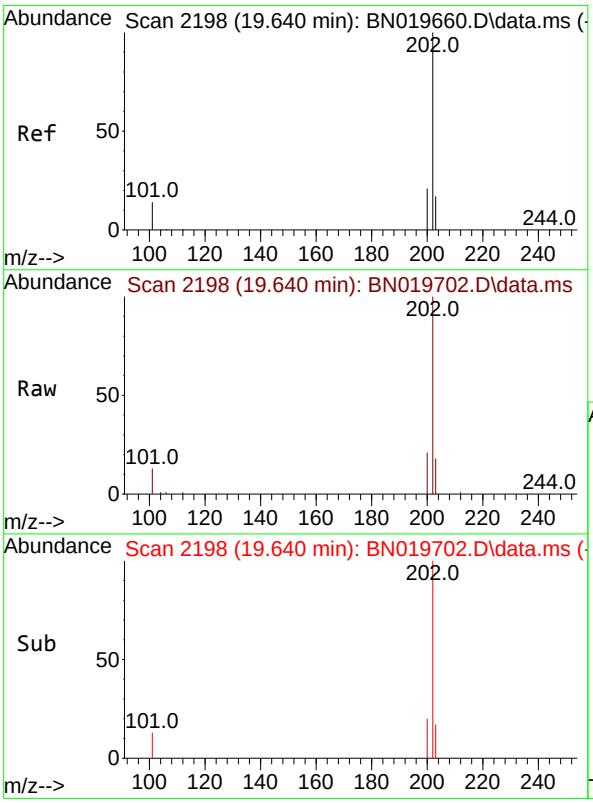
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.404 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN019702.D
Acq: 06 May 2022 17:22

Instrument :
BNA_N
ClientSampleId :
PB144641BS

Tgt Ion:240 Resp: 12861

Ion	Ratio	Lower	Upper
240	100		
120	11.6	17.4	26.2#
236	27.6	23.0	34.4

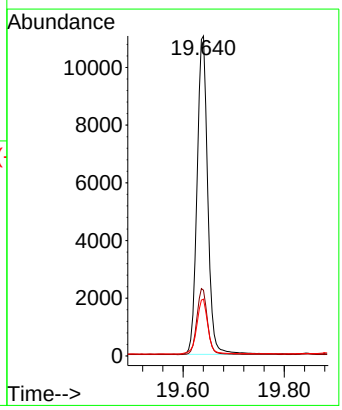


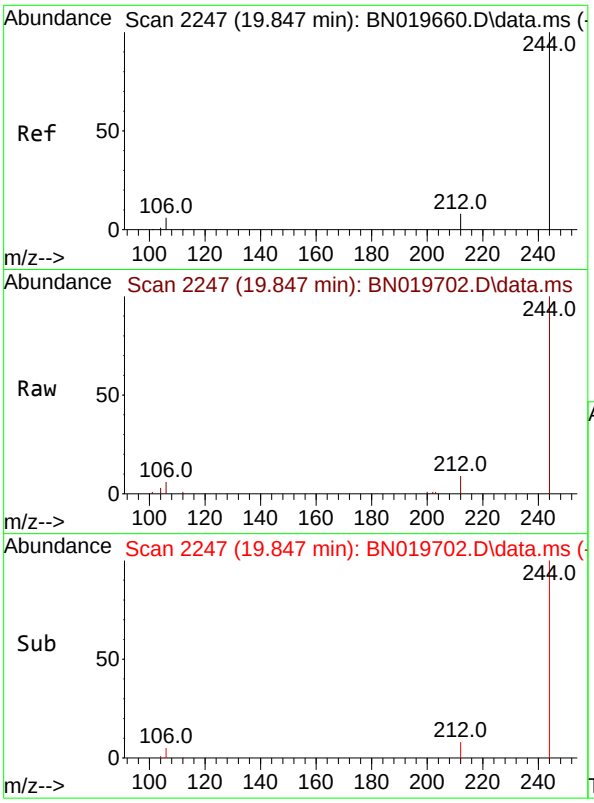


#30
Pyrene
Concen: 0.303 ng
RT: 19.640 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BN019702.D
Acq: 06 May 2022 17:22

Tgt Ion:202 Resp: 16119

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.7	25.1
203	17.8	14.2	21.4



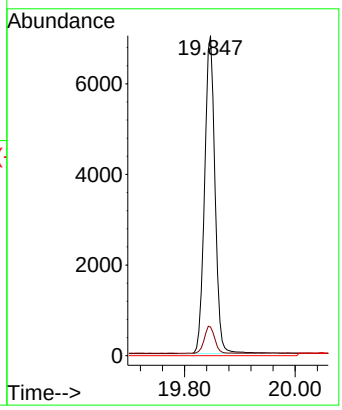


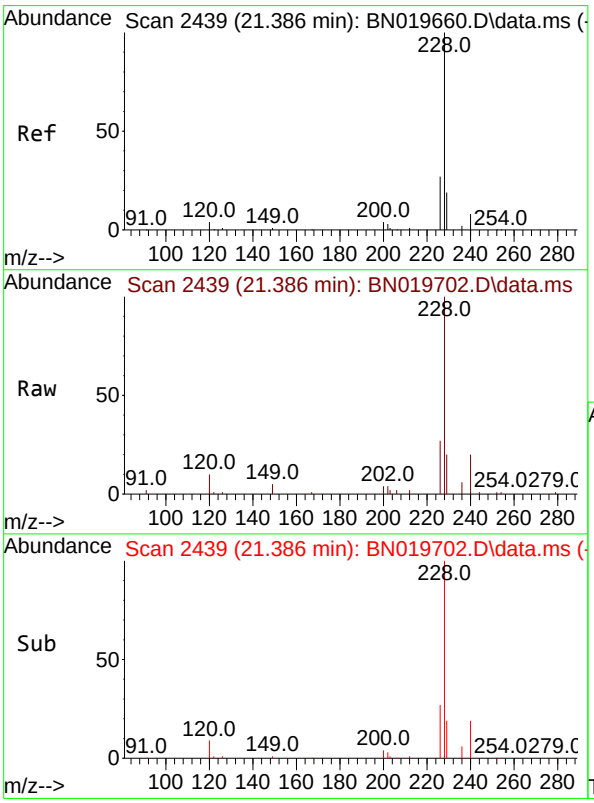
#31
Terphenyl-d14
Concen: 0.305 ng
RT: 19.847 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN019702.D
Acq: 06 May 2022 17:22

Instrument :
BNA_N
ClientSampleId :
PB144641BS

Tgt Ion:244 Resp: 9177

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.6	11.4
122	0.0	0.0	0.0

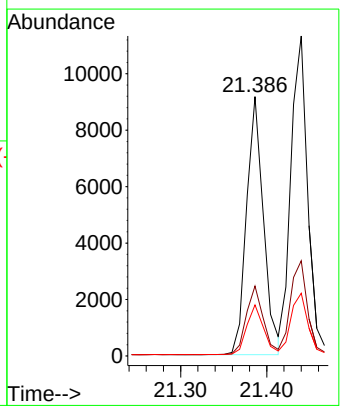


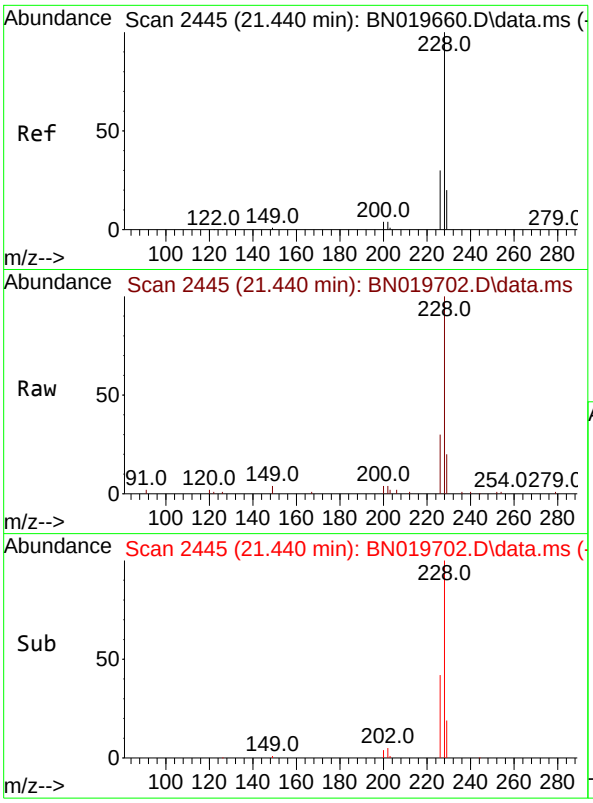


#32
Benzo(a)anthracene
Concen: 0.275 ng
RT: 21.386 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BN019702.D
Acq: 06 May 2022 17:22

Tgt Ion:228 Resp: 12533

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.6	32.4
229	19.7	16.5	24.7



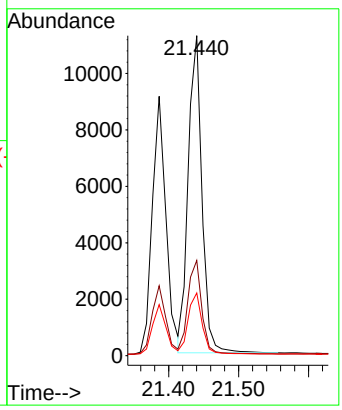


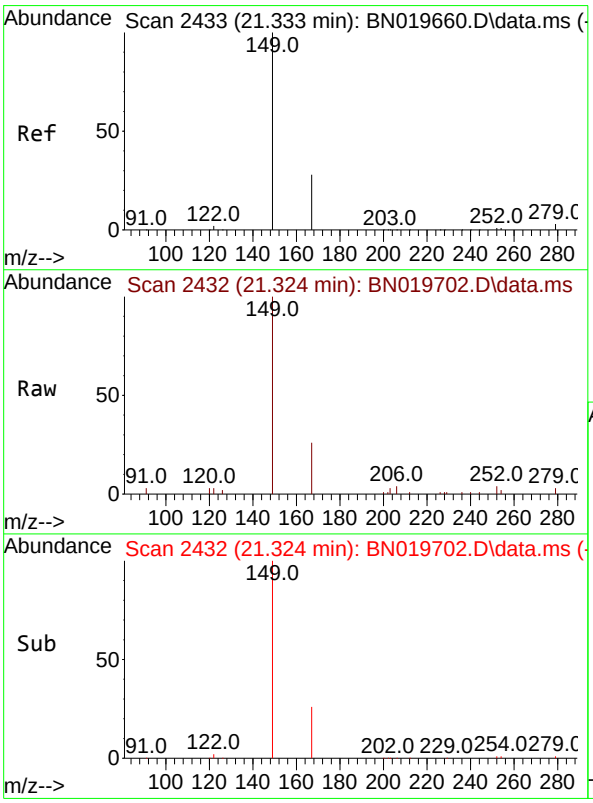
#33
Chrysene
Concen: 0.308 ng
RT: 21.440 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN019702.D
Acq: 06 May 2022 17:22

Instrument :
BNA_N
ClientSampleId :
PB144641BS

Tgt Ion:228 Resp: 15328

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.6	36.8
229	19.6	15.9	23.9

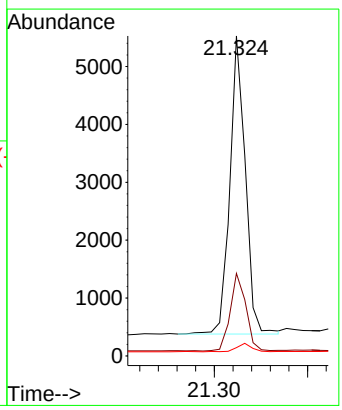


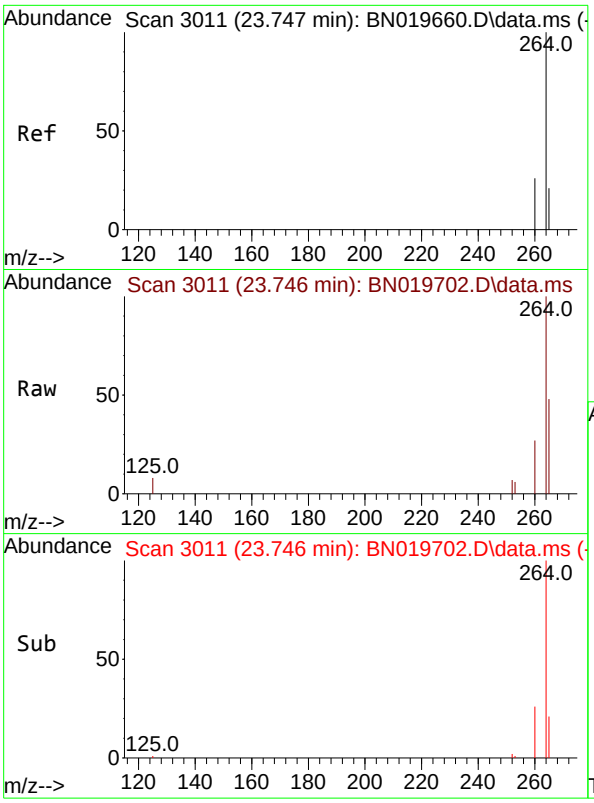


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.246 ng
RT: 21.324 min Scan# 2432
Delta R.T. -0.009 min
Lab File: BN019702.D
Acq: 06 May 2022 17:22

Tgt Ion:149 Resp: 5941

Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.7	32.5
279	2.7	2.8	4.2#



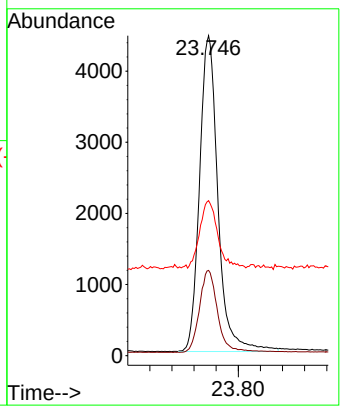


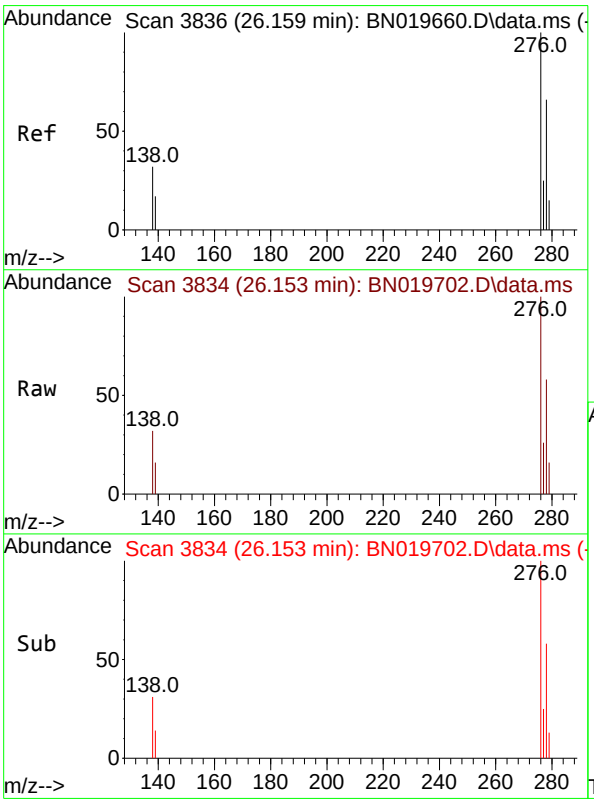
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.746 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN019702.D
Acq: 06 May 2022 17:22

Instrument :
BNA_N
ClientSampleId :
PB144641BS

Tgt Ion:264 Resp: 10262

Ion	Ratio	Lower	Upper
264	100		
260	26.7	21.0	31.6
265	48.5	67.9	101.9#

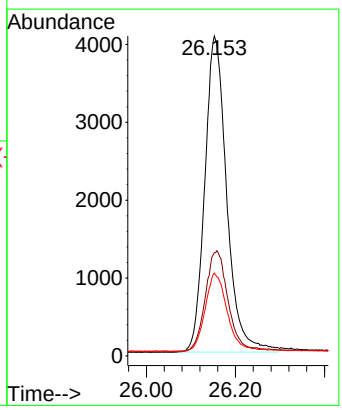


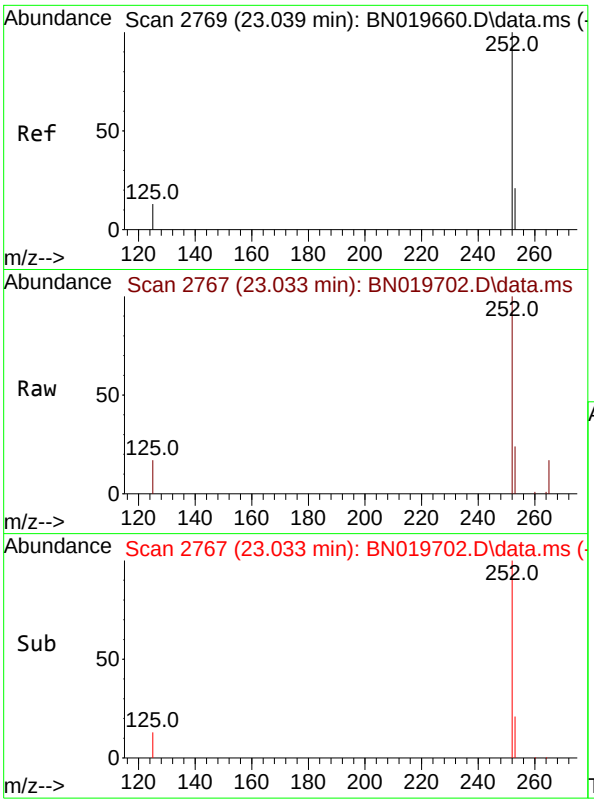


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.298 ng
RT: 26.153 min Scan# 3834
Delta R.T. -0.006 min
Lab File: BN019702.D
Acq: 06 May 2022 17:22

Tgt Ion:276 Resp: 13898

Ion	Ratio	Lower	Upper
276	100		
138	32.9	26.6	40.0
277	24.7	20.0	30.0



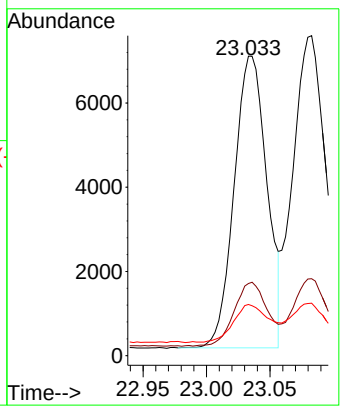


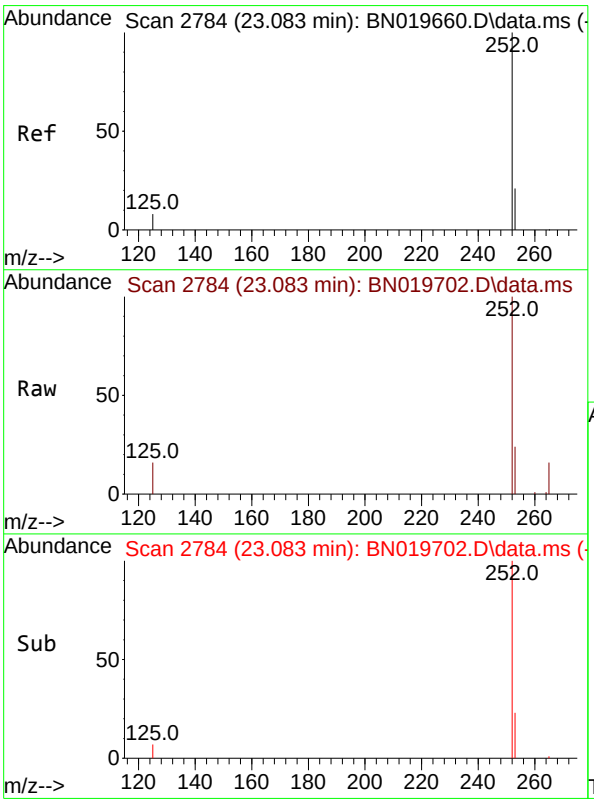
#37
Benzo(b)fluoranthene
Concen: 0.293 ng
RT: 23.033 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN019702.D
Acq: 06 May 2022 17:22

Instrument :
BNA_N
ClientSampleId :
PB144641BS

Tgt Ion:252 Resp: 12417

Ion	Ratio	Lower	Upper
252	100		
253	24.1	21.2	31.8
125	17.1	15.9	23.9

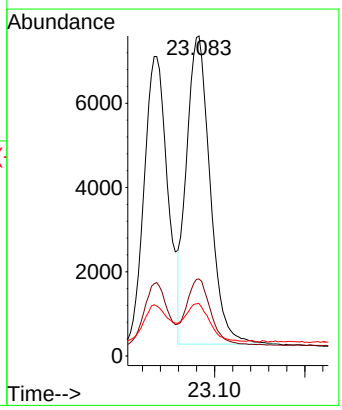


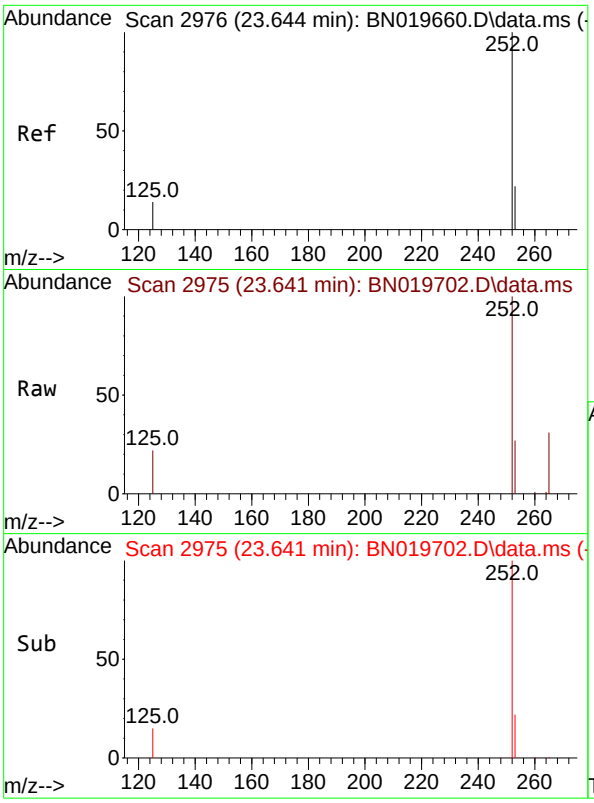


#38
Benzo(k)fluoranthene
Concen: 0.298 ng
RT: 23.083 min Scan# 2784
Delta R.T. -0.000 min
Lab File: BN019702.D
Acq: 06 May 2022 17:22

Tgt Ion:252 Resp: 13363

Ion	Ratio	Lower	Upper
252	100		
253	24.0	21.7	32.5
125	16.4	17.0	25.4#



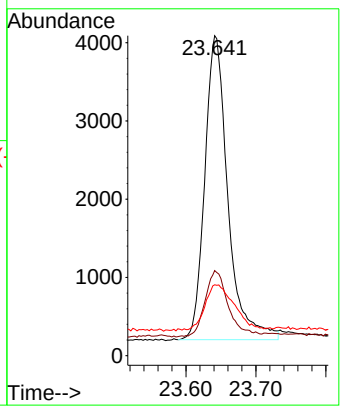


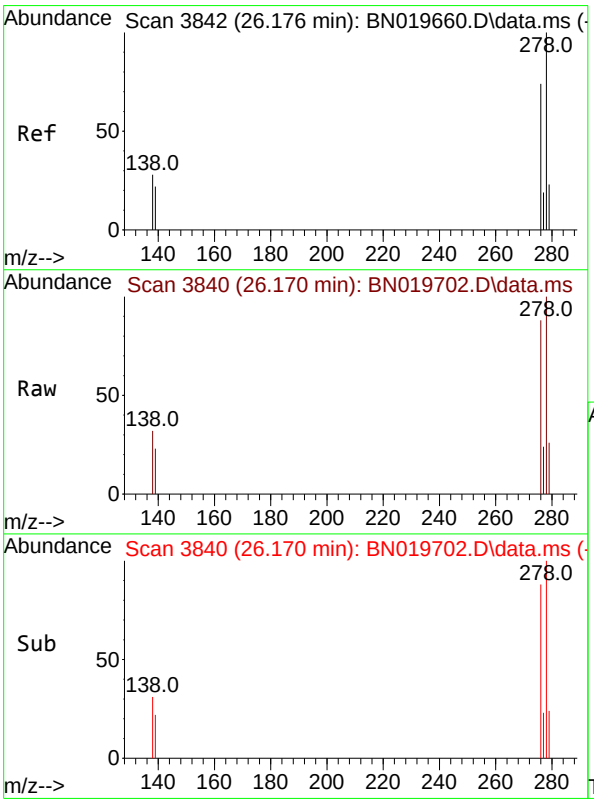
#39
Benzo(a)pyrene
Concen: 0.277 ng
RT: 23.641 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN019702.D
Acq: 06 May 2022 17:22

Instrument :
BNA_N
ClientSampleId :
PB144641BS

Tgt Ion:252 Resp: 8921

Ion	Ratio	Lower	Upper
252	100		
253	26.6	23.1	34.7
125	22.1	20.4	30.6

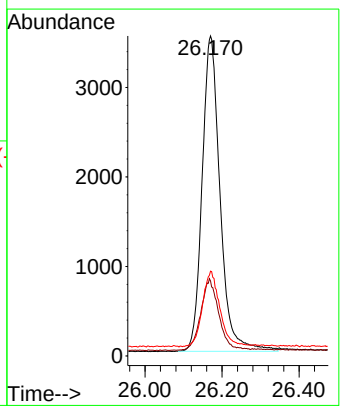


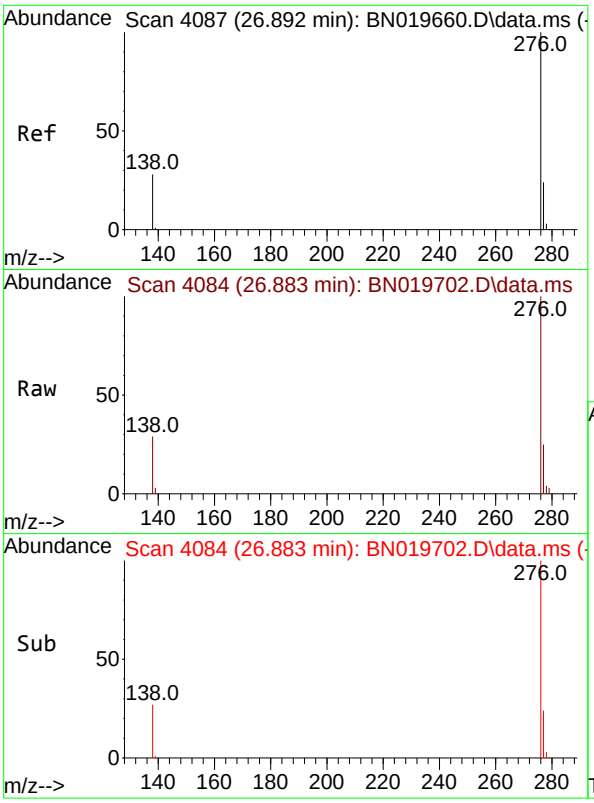


#40
Dibenzo(a,h)anthracene
Concen: 0.299 ng
RT: 26.170 min Scan# 3840
Delta R.T. -0.006 min
Lab File: BN019702.D
Acq: 06 May 2022 17:22

Tgt Ion:278 Resp: 11377

Ion	Ratio	Lower	Upper
278	100		
139	23.5	19.4	29.2
279	26.5	21.8	32.8





#41
Benzo(g,h,i)perylene
Concen: 0.303 ng
RT: 26.883 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN019702.D
Acq: 06 May 2022 17:22

Instrument :
BNA_N
ClientSampleId :
PB144641BS

Tgt Ion:276 Resp: 11395

Ion	Ratio	Lower	Upper
276	100		
277	25.1	20.2	30.2
138	28.8	23.5	35.3