Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032422\
Data File : BN019147.D
Acq On : 25 Mar 2022 05:31
Operator : CG/JU
Sample : PB143559BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB143559BS

Quant Time: Mar 25 06:01:49 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 17 13:18:23 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.854	152	4193	0.400	ng		0.00
7) Naphthalene-d8	10.658	136	10955	0.400	ng		0.00
13) Acenaphthene-d10	14.484	164	6405	0.400	ng		-0.01
19) Phenanthrene-d10	17.225	188	12945	0.400	ng		-0.01
29) Chrysene-d12	21.422	240	9178	0.400	ng		# 0.00
35) Perylene-d12	23.787	264	7593	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.406	112	3005	0.320	ng		0.00
5) Phenol-d6	7.009	99	2890	0.293	ng		0.00
8) Nitrobenzene-d5	9.014	82	2330	0.295	ng		0.00
11) 2-Methylnaphthalene-d10	12.246	152	5941	0.327	ng		0.00
14) 2,4,6-Tribromophenol	15.984	330	703	0.227	ng		0.00
15) 2-Fluorobiphenyl	13.116	172	9052	0.353	ng		-0.01
27) Fluoranthene-d10	19.261	212	13371	0.348	ng		0.00
31) Terphenyl-d14	19.860	244	7671	0.340	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.247	88	1886	0.364	ng		93
3) n-Nitrosodimethylamine	3.579	42	1693	0.280	ng	#	95
6) bis(2-Chloroethyl)ether	7.269	93	3767	0.321	ng		95
9) Naphthalene	10.701	128	11092	0.356	ng		99
10) Hexachlorobutadiene	11.000	225	2631	0.345	ng	#	100
12) 2-Methylnaphthalene	12.321	142	6907	0.326	ng		98
16) Acenaphthylene	14.206	152	9252	0.311	ng		100
17) Acenaphthene	14.549	154	7090	0.340	ng		98
18) Fluorene	15.532	166	8849	0.337	ng		99
20) 4,6-Dinitro-2-methylph...	15.628	198	360	0.257	ng	#	48
21) 4-Bromophenyl-phenylether	16.425	248	2744	0.336	ng		96
22) Hexachlorobenzene	16.549	284	3922	0.373	ng		99
23) Atrazine	16.682	200	1599	0.262	ng		97
24) Pentachlorophenol	16.897	266	425	0.132	ng		97
25) Phenanthrene	17.266	178	13826	0.342	ng		99
26) Anthracene	17.359	178	10094	0.295	ng		100
28) Fluoranthene	19.291	202	16682	0.351	ng		99
30) Pyrene	19.653	202	17066	0.373	ng		99
32) Benzo(a)anthracene	21.404	228	8528	0.301	ng		98
33) Chrysene	21.458	228	14089	0.369	ng		100
34) Bis(2-ethylhexyl)phtha...	21.333	149	5526	0.295	ng		100
36) Indeno(1,2,3-cd)pyrene	26.246	276	8971	0.327	ng		97
37) Benzo(b)fluoranthene	23.112	252	13274	0.479	ng		95
38) Benzo(k)fluoranthene	23.112	252	13008	0.343	ng		93
39) Benzo(a)pyrene	23.688	252	8950	0.355	ng	#	76
40) Dibenzo(a,h)anthracene	26.267	278	6648	0.311	ng	#	84
41) Benzo(g,h,i)perylene	26.989	276	10933	0.406	ng		98

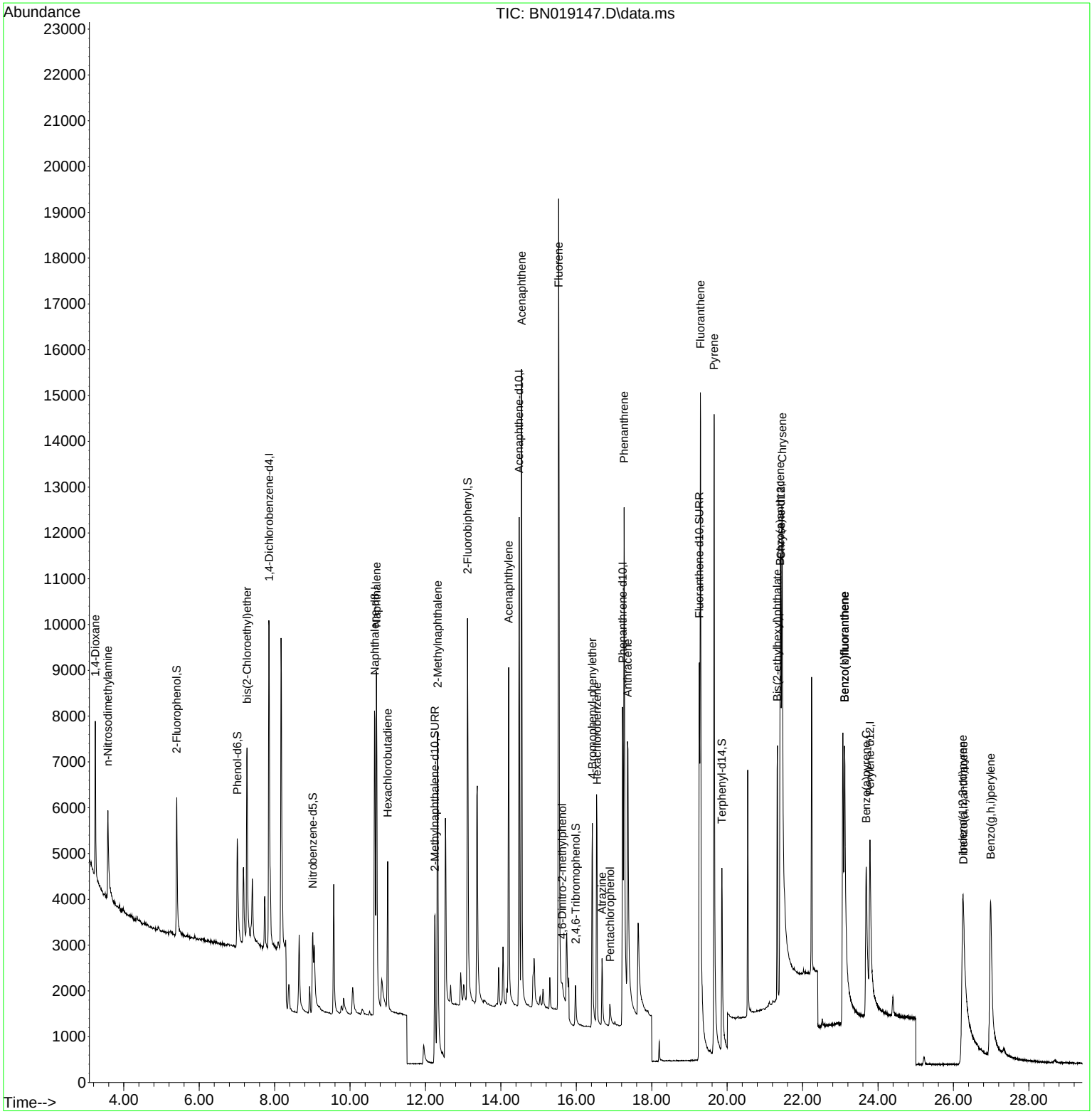
(#) = qualifier out of range (m) = manual integration (+) = signals summed

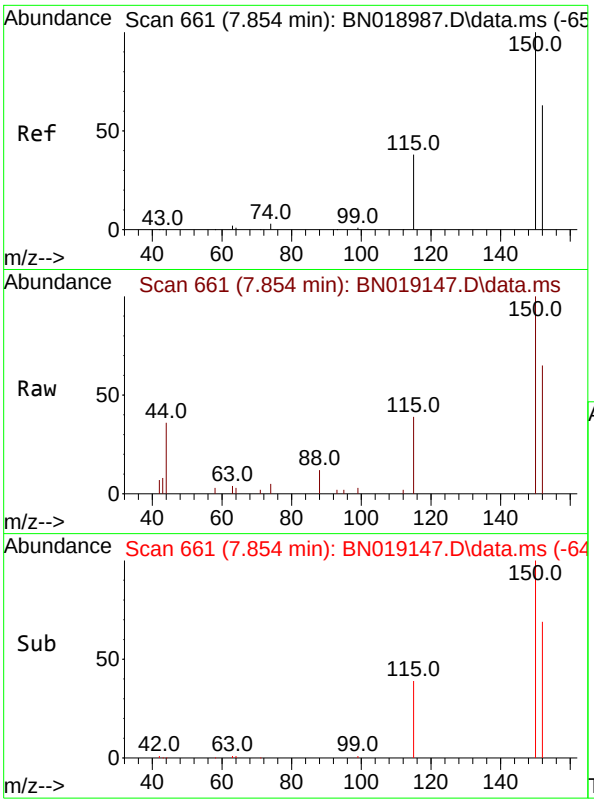
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032422\
Data File : BN019147.D
Acq On : 25 Mar 2022 05:31
Operator : CG/JU
Sample : PB143559BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB143559BS

Quant Time: Mar 25 06:01:49 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 17 13:18:23 2022
Response via : Initial Calibration



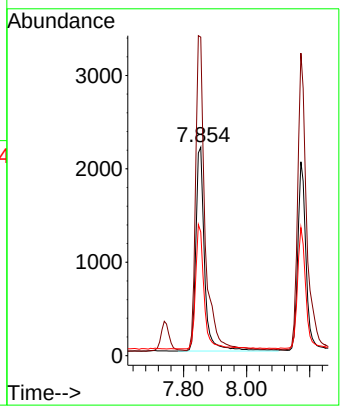


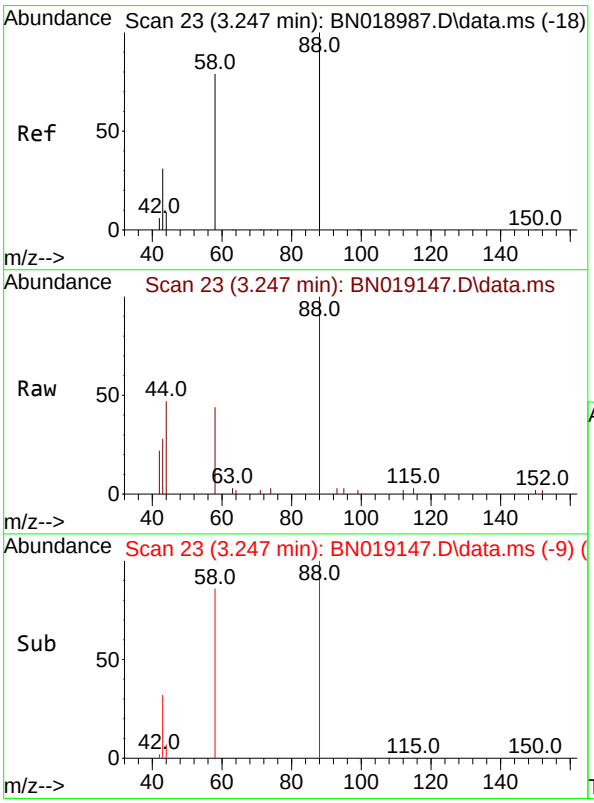
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN019147.D
Acq: 25 Mar 2022 05:31

Instrument :
BNA_N
ClientSampleId :
PB143559BS

Tgt Ion:152 Resp: 4193

Ion	Ratio	Lower	Upper
152	100		
150	152.8	123.9	185.9
115	59.3	48.2	72.4

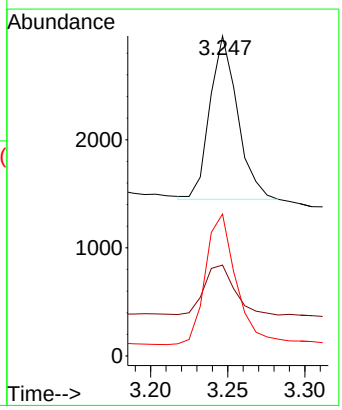


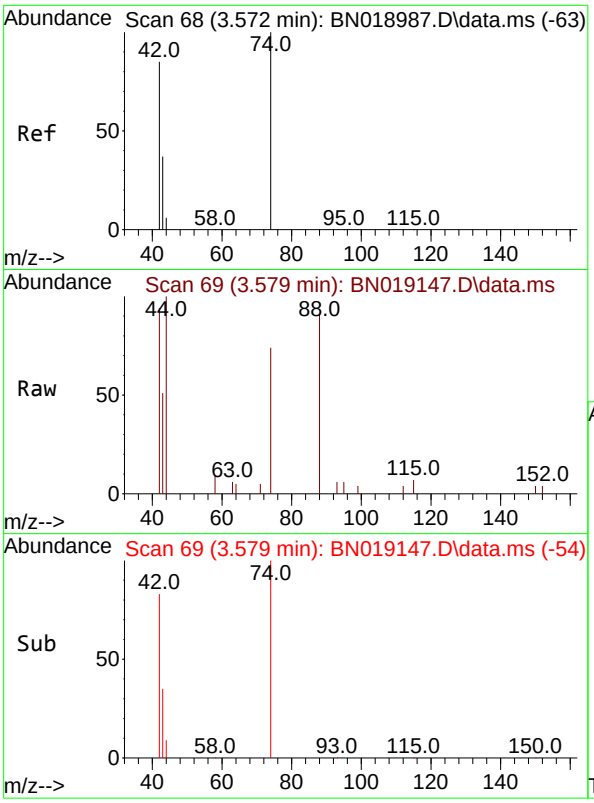


#2
1,4-Dioxane
Concen: 0.364 ng
RT: 3.247 min Scan# 23
Delta R.T. -0.000 min
Lab File: BN019147.D
Acq: 25 Mar 2022 05:31

Tgt Ion: 88 Resp: 1886

Ion	Ratio	Lower	Upper
88	100		
43	33.5	24.6	37.0
58	88.7	65.4	98.2



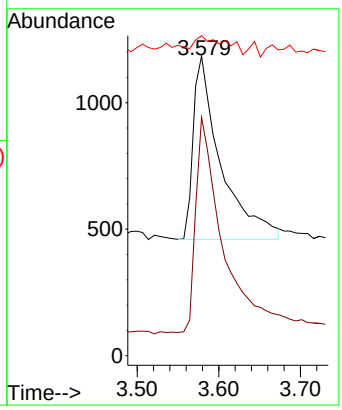


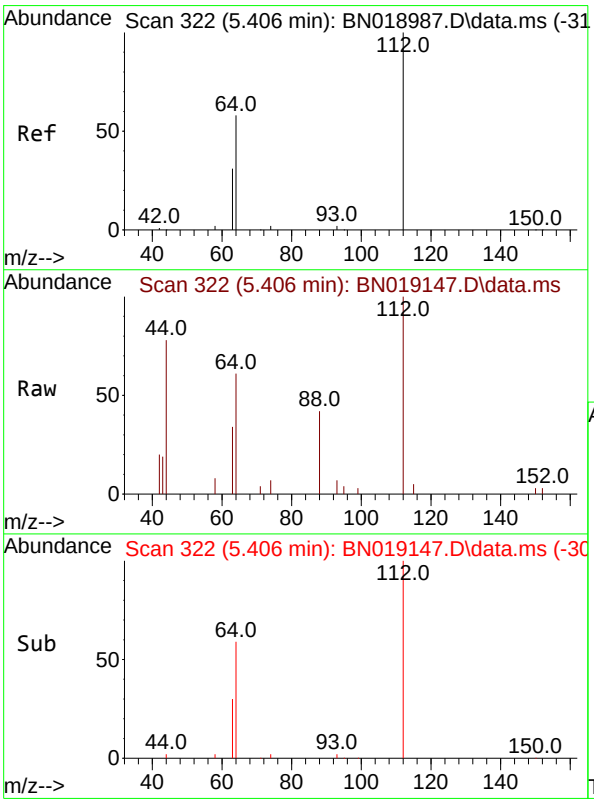
#3
n-Nitrosodimethylamine
Concen: 0.280 ng
RT: 3.579 min Scan# 6
Delta R.T. 0.007 min
Lab File: BN019147.D
Acq: 25 Mar 2022 05:31

Instrument :
BNA_N
ClientSampleId :
PB143559BS

Tgt Ion: 42 Resp: 1693

Ion	Ratio	Lower	Upper
42	100		
74	115.5	96.9	145.3
44	10.9	7.3	10.9#

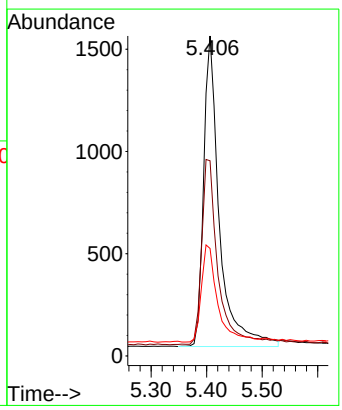


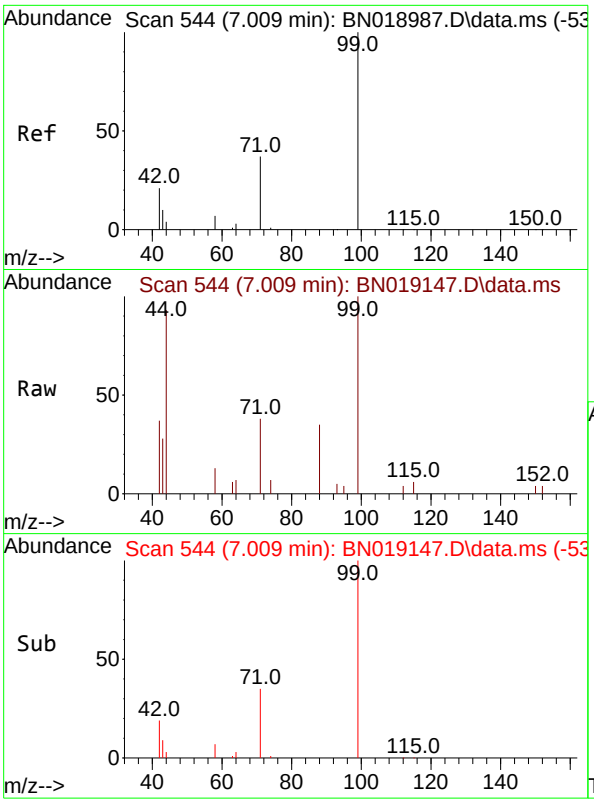


#4
2-Fluorophenol
Concen: 0.320 ng
RT: 5.406 min Scan# 322
Delta R.T. -0.000 min
Lab File: BN019147.D
Acq: 25 Mar 2022 05:31

Tgt Ion:112 Resp: 3005

Ion	Ratio	Lower	Upper
112	100		
64	62.3	47.8	71.8
63	32.1	25.7	38.5



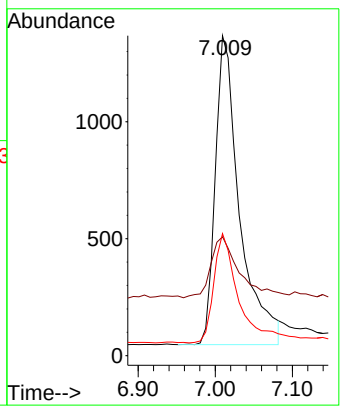


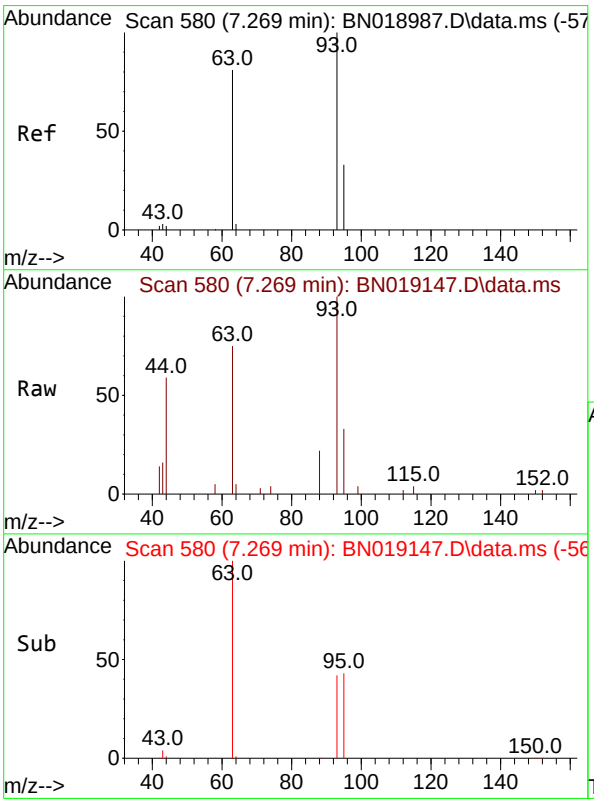
#5
Phenol-d6
Concen: 0.293 ng
RT: 7.009 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN019147.D
Acq: 25 Mar 2022 05:31

Instrument :
BNA_N
ClientSampleId :
PB143559BS

Tgt Ion: 99 Resp: 2890

Ion	Ratio	Lower	Upper
99	100		
42	22.7	16.2	24.4
71	35.4	27.7	41.5

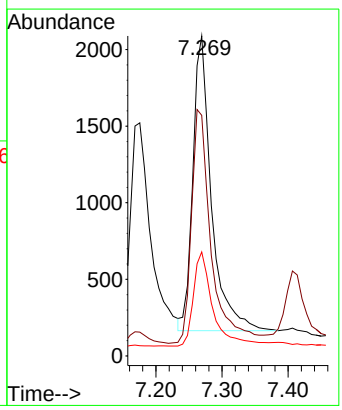


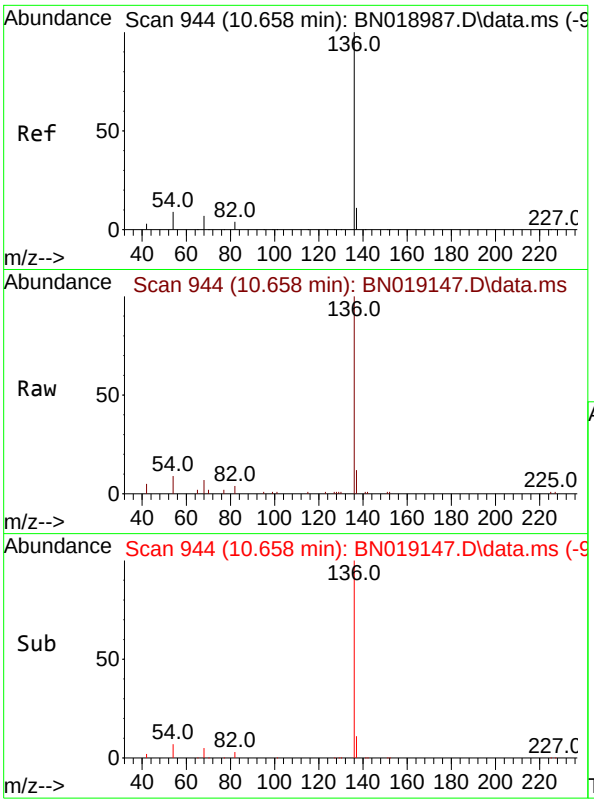


#6
bis(2-Chloroethyl)ether
Concen: 0.321 ng
RT: 7.269 min Scan# 580
Delta R.T. -0.000 min
Lab File: BN019147.D
Acq: 25 Mar 2022 05:31

Tgt Ion: 93 Resp: 3767

Ion	Ratio	Lower	Upper
93	100		
63	84.0	62.8	94.2
95	33.7	26.2	39.4



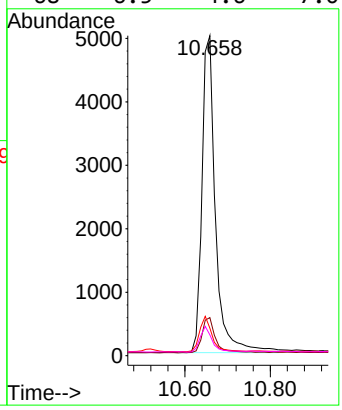


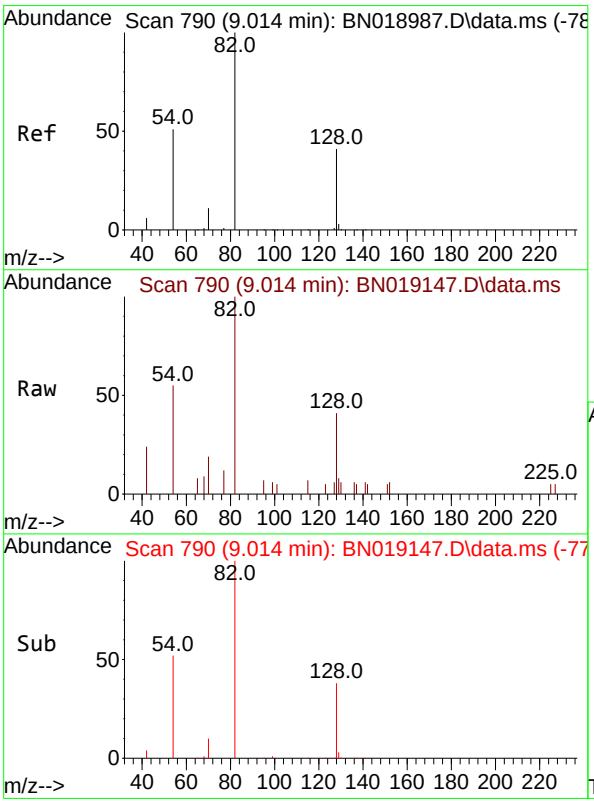
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN019147.D
Acq: 25 Mar 2022 05:31

Instrument :
BNA_N
ClientSampleId :
PB143559BS

Tgt Ion:136 Resp: 10955

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.0	13.4
54	8.6	5.8	8.6
68	6.5	4.6	7.0

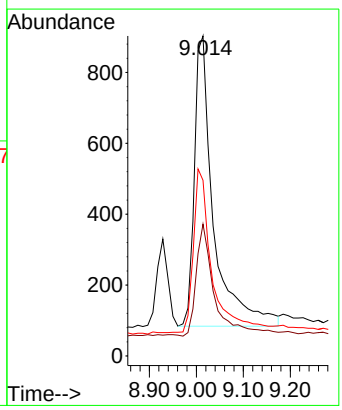


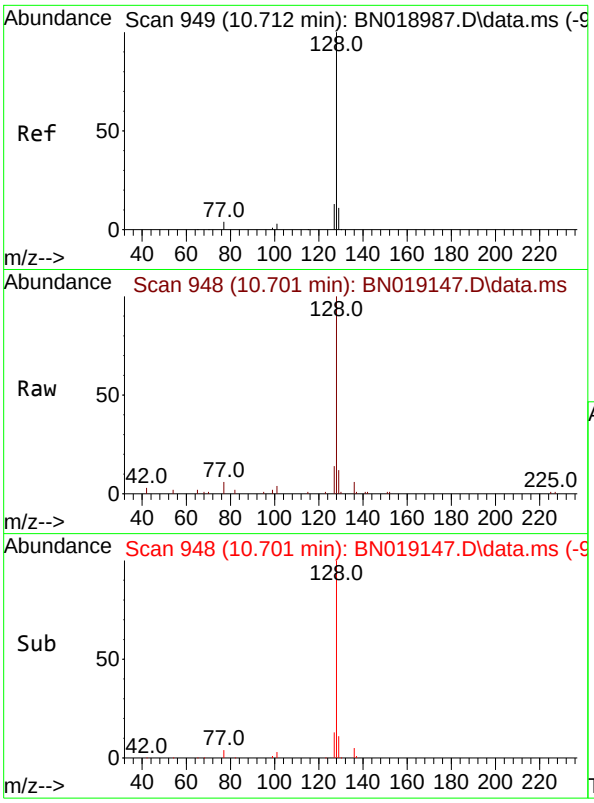


#8
Nitrobenzene-d5
Concen: 0.295 ng
RT: 9.014 min Scan# 790
Delta R.T. -0.000 min
Lab File: BN019147.D
Acq: 25 Mar 2022 05:31

Tgt Ion: 82 Resp: 2330

Ion	Ratio	Lower	Upper
82	100		
128	41.2	33.0	49.6
54	54.9	42.5	63.7



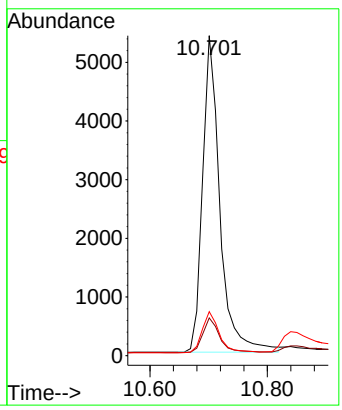


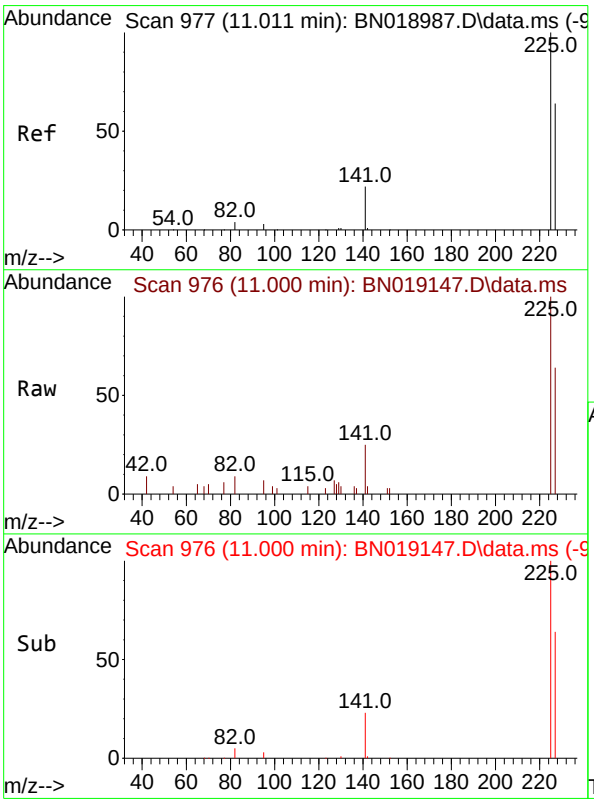
#9
Naphthalene
Concen: 0.356 ng
RT: 10.701 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN019147.D
Acq: 25 Mar 2022 05:31

Instrument :
BNA_N
ClientSampleId :
PB143559BS

Tgt Ion:128 Resp: 11092

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.0	13.4
127	13.8	10.7	16.1

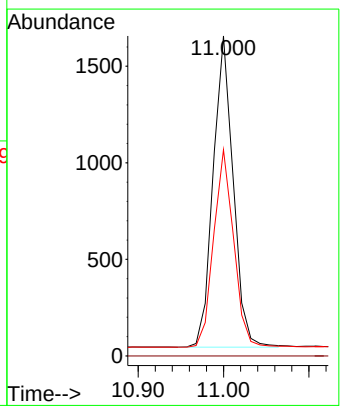


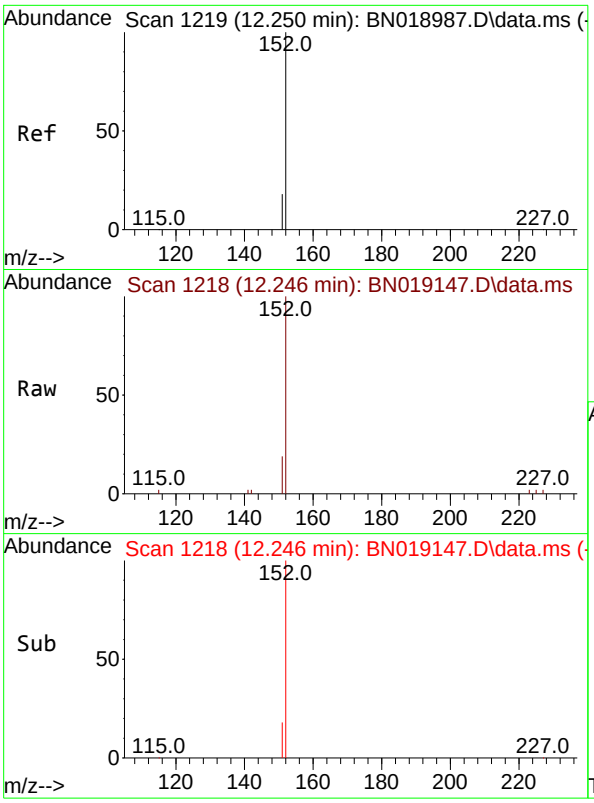


#10
Hexachlorobutadiene
Concen: 0.345 ng
RT: 11.000 min Scan# 976
Delta R.T. -0.011 min
Lab File: BN019147.D
Acq: 25 Mar 2022 05:31

Tgt Ion:225 Resp: 2631

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



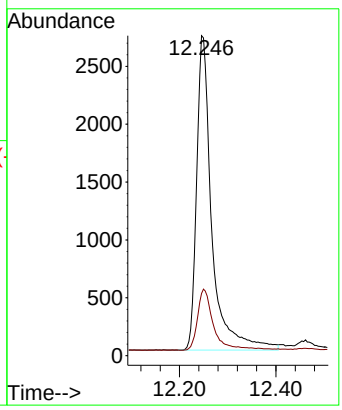


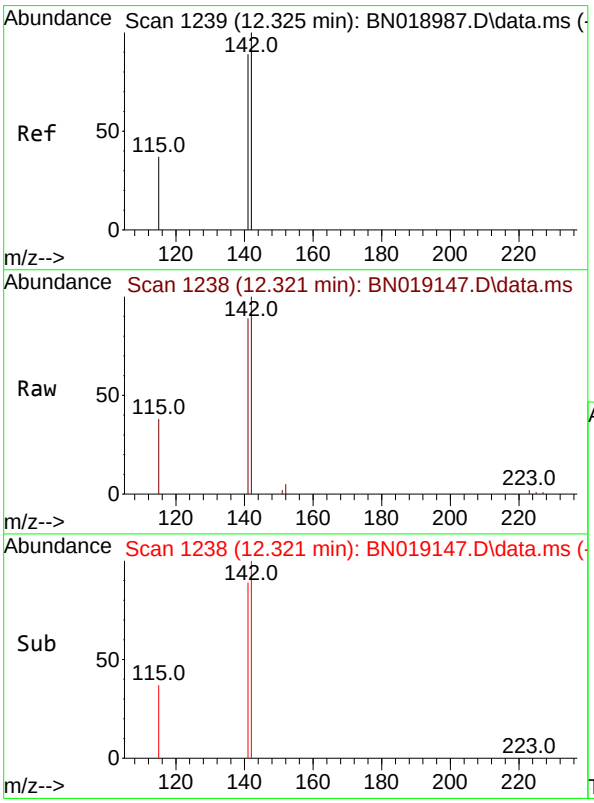
#11
2-Methylnaphthalene-d10
Concen: 0.327 ng
RT: 12.246 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN019147.D
Acq: 25 Mar 2022 05:31

Instrument :
BNA_N
ClientSampleId :
PB143559BS

Tgt Ion:152 Resp: 5941

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.5	24.7

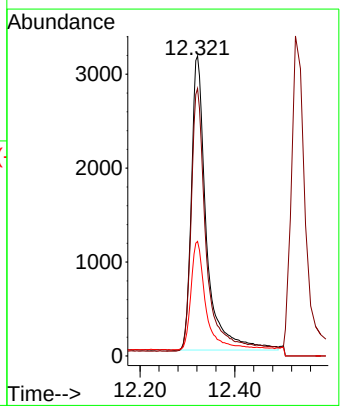


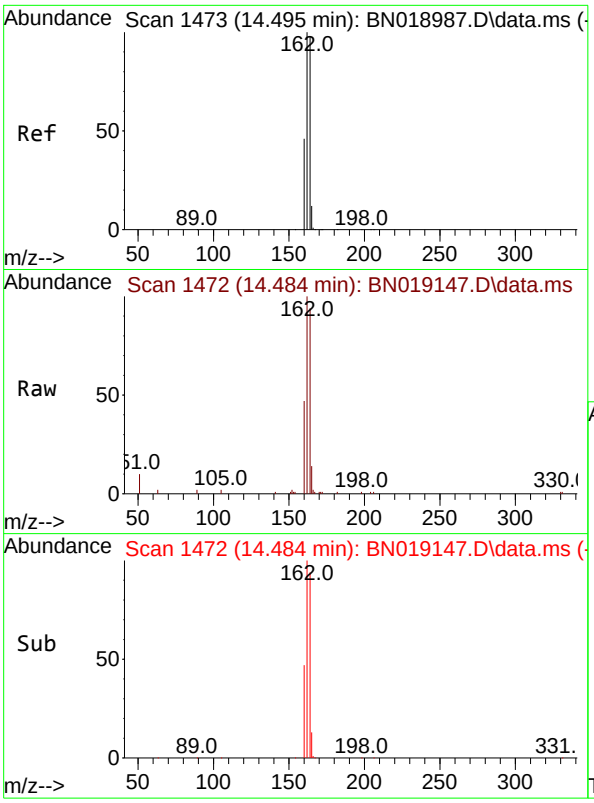


#12
2-Methylnaphthalene
Concen: 0.326 ng
RT: 12.321 min Scan# 1238
Delta R.T. -0.004 min
Lab File: BN019147.D
Acq: 25 Mar 2022 05:31

Tgt Ion:142 Resp: 6907

Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.0	105.0
115	38.2	29.8	44.8



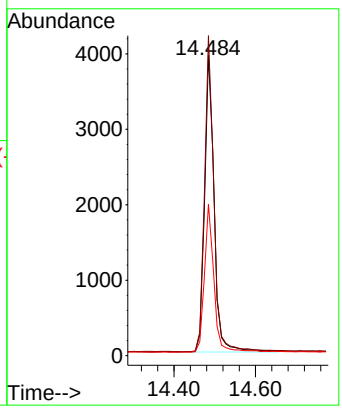


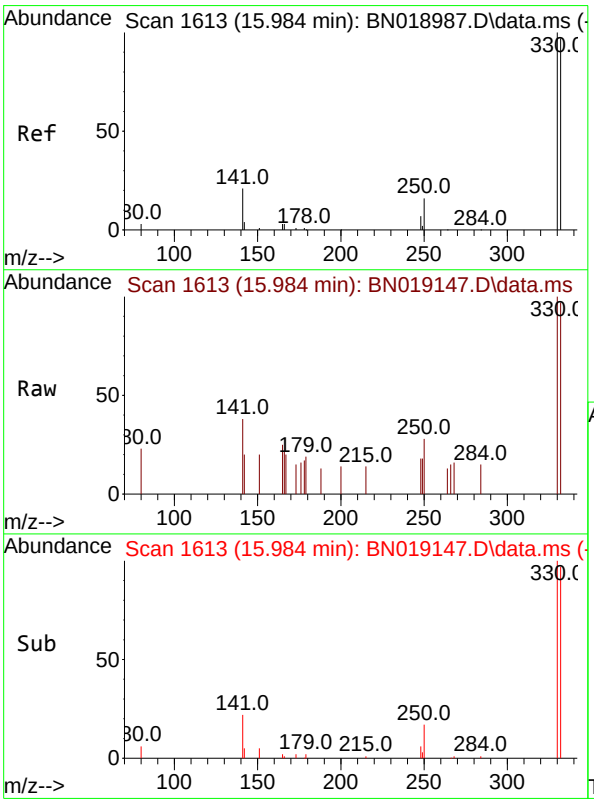
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN019147.D
Acq: 25 Mar 2022 05:31

Instrument :
BNA_N
ClientSampleId :
PB143559BS

Tgt Ion:164 Resp: 6405

Ion	Ratio	Lower	Upper
164	100		
162	106.5	85.2	127.8
160	50.5	41.5	62.3

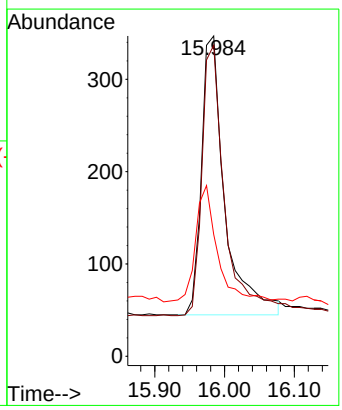


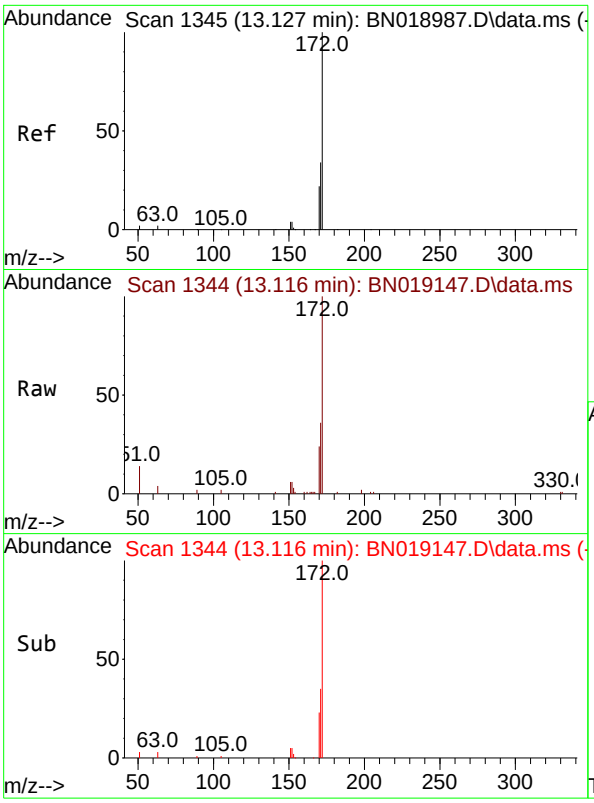


#14
2,4,6-Tribromophenol
Concen: 0.227 ng
RT: 15.984 min Scan# 1613
Delta R.T. -0.000 min
Lab File: BN019147.D
Acq: 25 Mar 2022 05:31

Tgt Ion:330 Resp: 703

Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.8	115.2
141	39.0	32.2	48.2



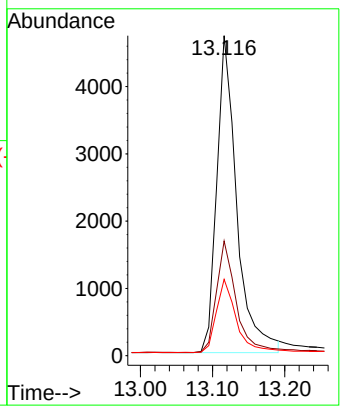


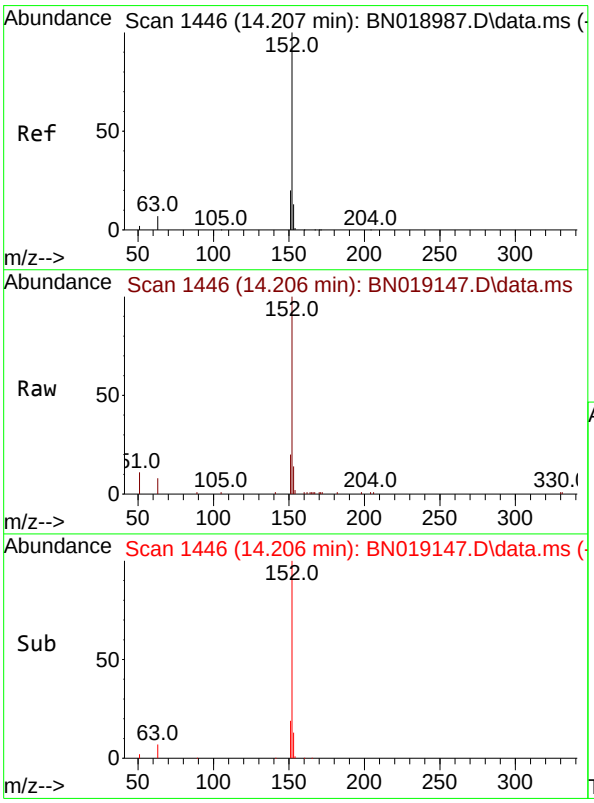
#15
2-Fluorobiphenyl
Concen: 0.353 ng
RT: 13.116 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN019147.D
Acq: 25 Mar 2022 05:31

Instrument :
BNA_N
ClientSampleId :
PB143559BS

Tgt Ion:172 Resp: 9052

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.2	42.2
170	23.8	18.7	28.1

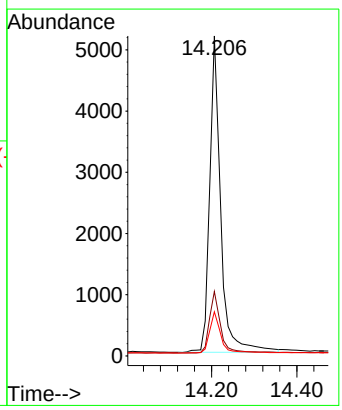


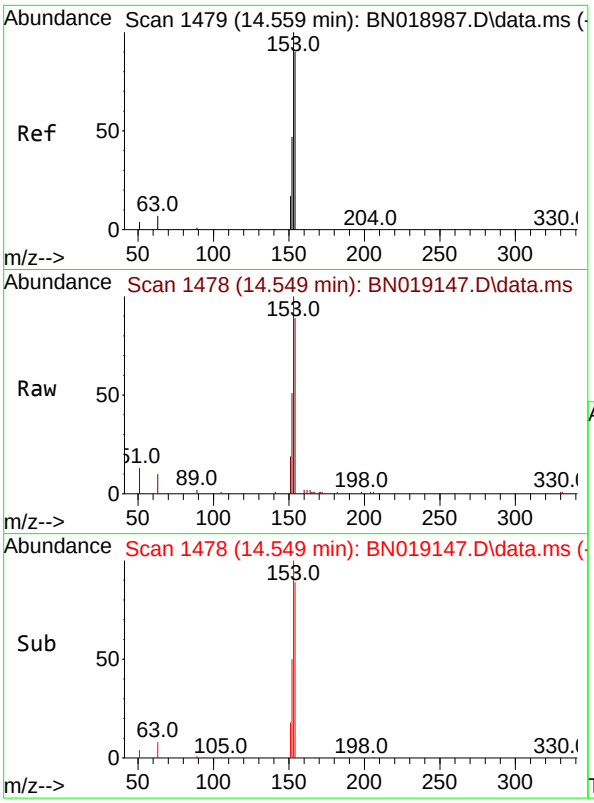


#16
Acenaphthylene
Concen: 0.311 ng
RT: 14.206 min Scan# 1446
Delta R.T. -0.000 min
Lab File: BN019147.D
Acq: 25 Mar 2022 05:31

Tgt Ion:152 Resp: 9252

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.9	23.9
153	13.1	10.6	15.8



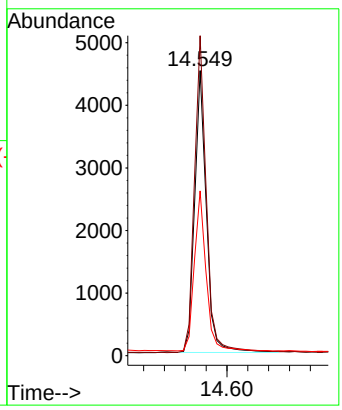


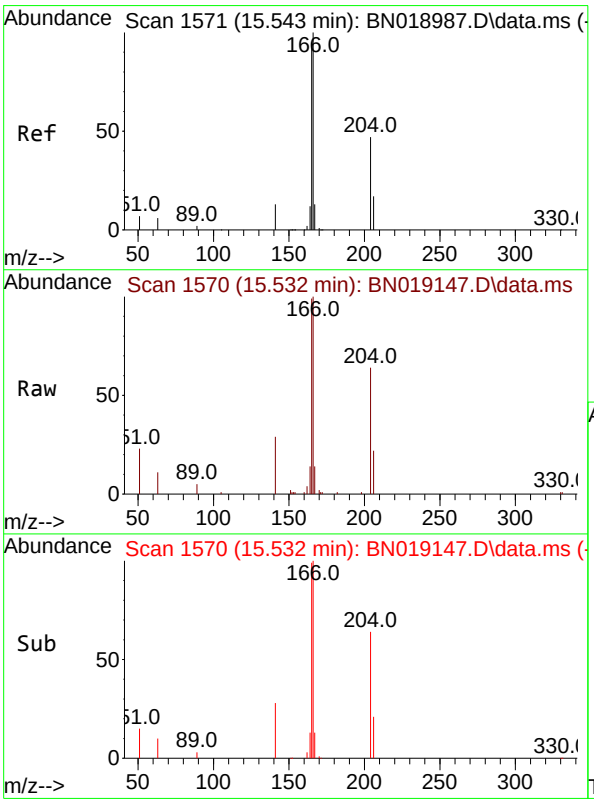
#17
Acenaphthene
Concen: 0.340 ng
RT: 14.549 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN019147.D
Acq: 25 Mar 2022 05:31

Instrument :
BNA_N
ClientSampleId :
PB143559BS

Tgt Ion:154 Resp: 7090

Ion	Ratio	Lower	Upper
154	100		
153	114.3	89.7	134.5
152	56.6	44.7	67.1

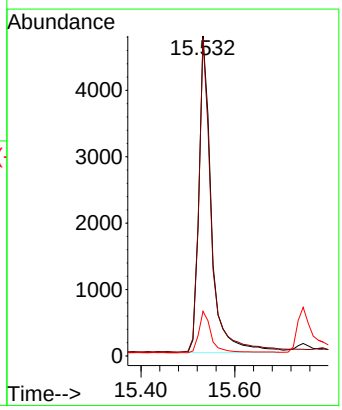


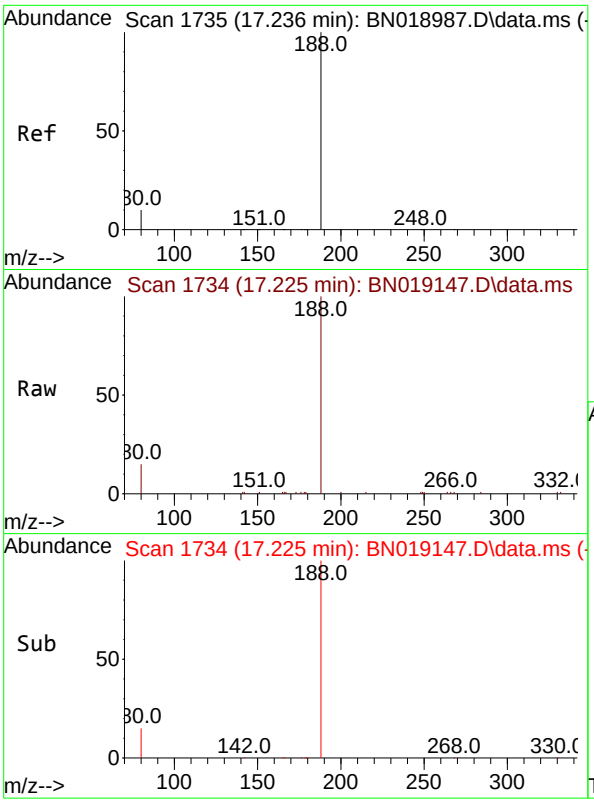


#18
Fluorene
Concen: 0.337 ng
RT: 15.532 min Scan# 1570
Delta R.T. -0.011 min
Lab File: BN019147.D
Acq: 25 Mar 2022 05:31

Tgt Ion:166 Resp: 8849

Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.2	118.8
167	13.4	10.7	16.1



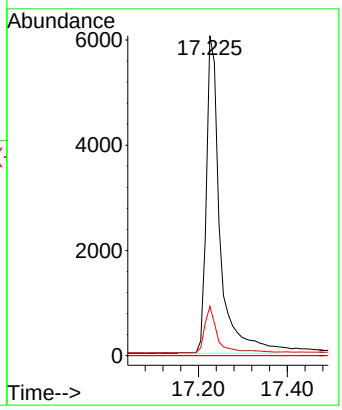


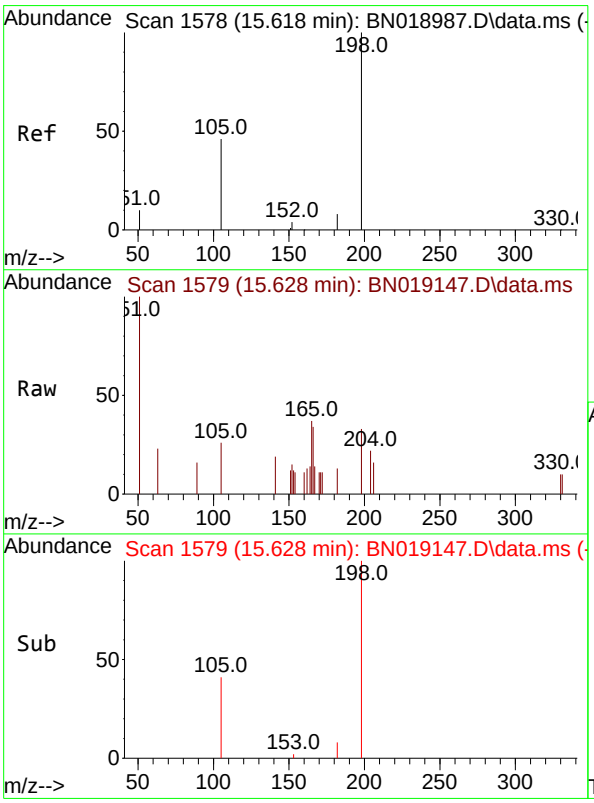
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.225 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN019147.D
Acq: 25 Mar 2022 05:31

Instrument :
BNA_N
ClientSampleId :
PB143559BS

Tgt Ion:188 Resp: 12945

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.4	11.8	17.8

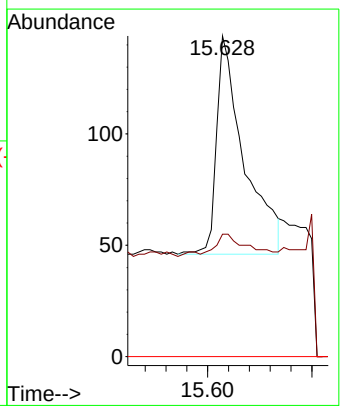


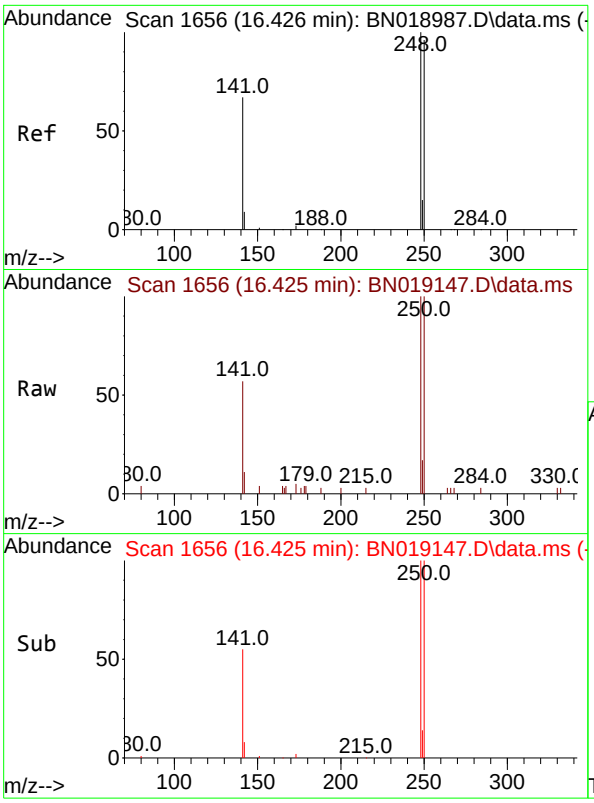


#20
4,6-Dinitro-2-methylphenol
Concen: 0.257 ng
RT: 15.628 min Scan# 1579
Delta R.T. 0.010 min
Lab File: BN019147.D
Acq: 25 Mar 2022 05:31

Tgt Ion:198 Resp: 360

Ion	Ratio	Lower	Upper
198	100		
182	38.2	13.0	19.4#
77	0.0	0.0	0.0



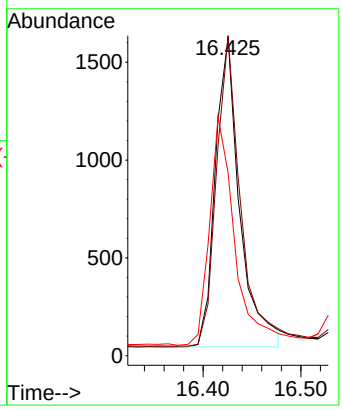


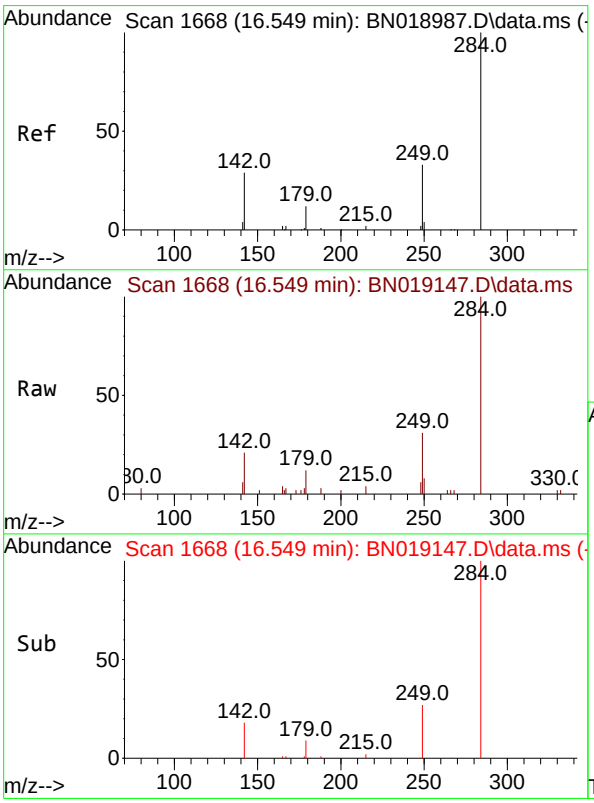
#21
4-Bromophenyl-phenylether
Concen: 0.336 ng
RT: 16.425 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019147.D
Acq: 25 Mar 2022 05:31

Instrument :
BNA_N
ClientSampleId :
PB143559BS

Tgt Ion:248 Resp: 2744

Ion	Ratio	Lower	Upper
248	100		
250	100.5	80.7	121.1
141	57.3	39.6	59.4

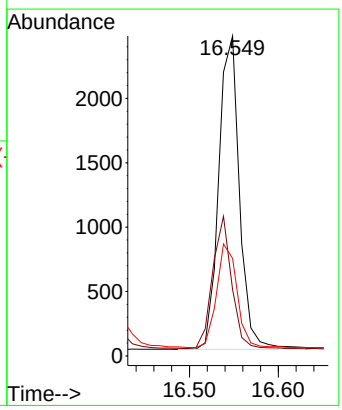


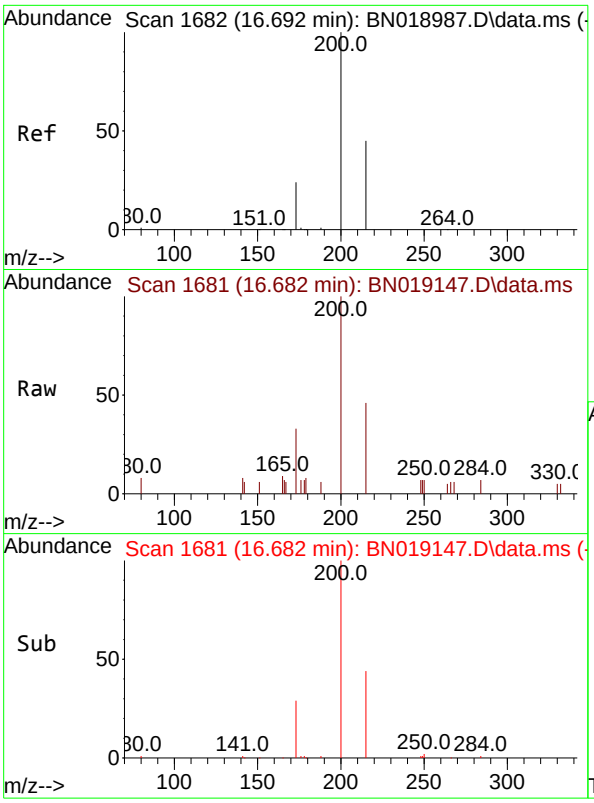


#22
Hexachlorobenzene
Concen: 0.373 ng
RT: 16.549 min Scan# 1668
Delta R.T. -0.000 min
Lab File: BN019147.D
Acq: 25 Mar 2022 05:31

Tgt Ion:284 Resp: 3922

Ion	Ratio	Lower	Upper
284	100		
142	38.9	29.8	44.8
249	32.6	26.2	39.2



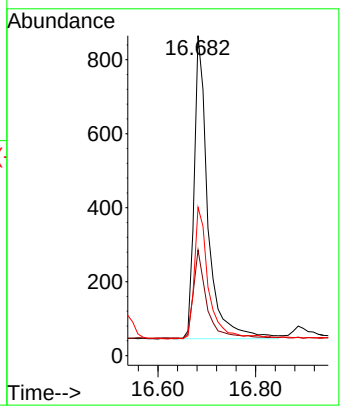


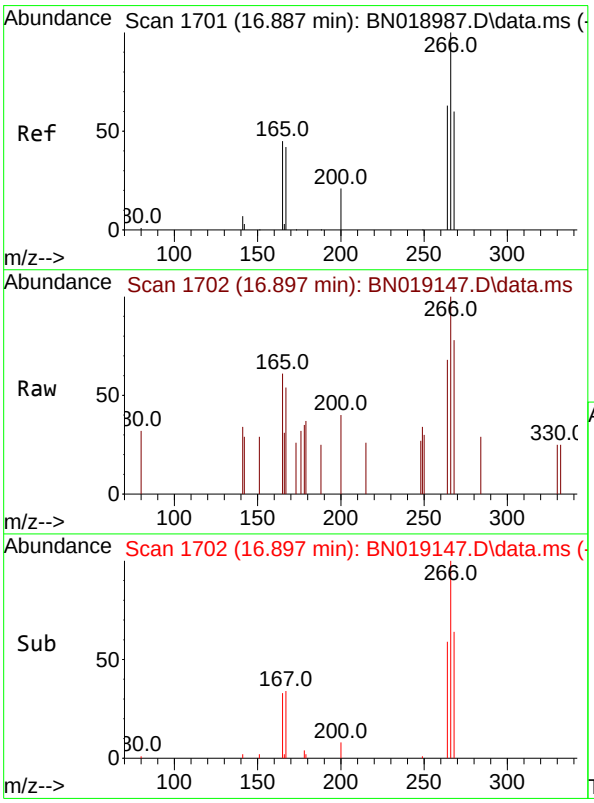
#23
Atrazine
Concen: 0.262 ng
RT: 16.682 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN019147.D
Acq: 25 Mar 2022 05:31

Instrument :
BNA_N
ClientSampleId :
PB143559BS

Tgt Ion:200 Resp: 1599

Ion	Ratio	Lower	Upper
200	100		
173	33.1	23.9	35.9
215	46.4	36.6	54.8

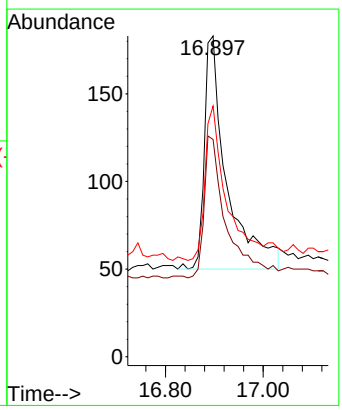


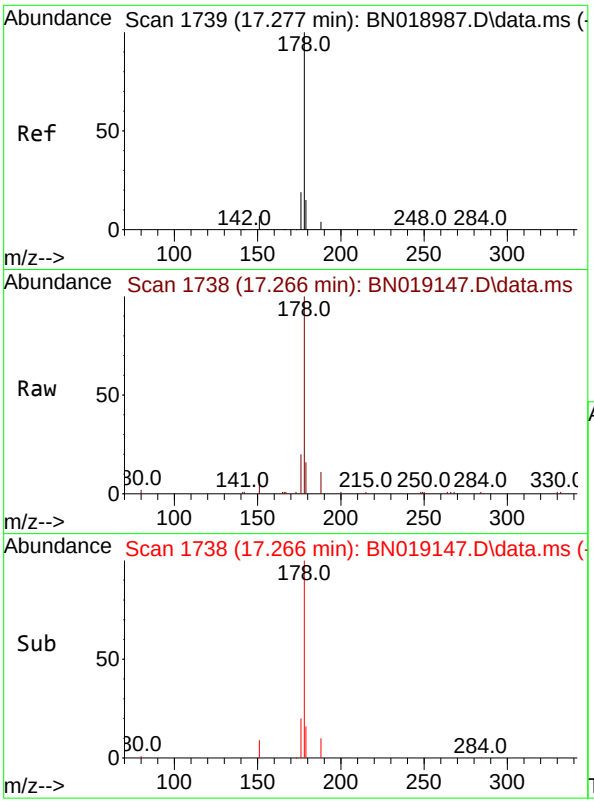


#24
Pentachlorophenol
Concen: 0.132 ng
RT: 16.897 min Scan# 1702
Delta R.T. 0.010 min
Lab File: BN019147.D
Acq: 25 Mar 2022 05:31

Tgt Ion:266 Resp: 425

Ion	Ratio	Lower	Upper
266	100		
264	60.5	50.2	75.4
268	62.4	51.9	77.9



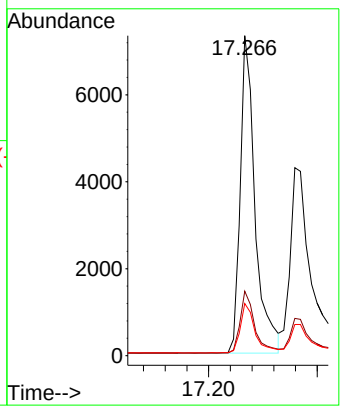


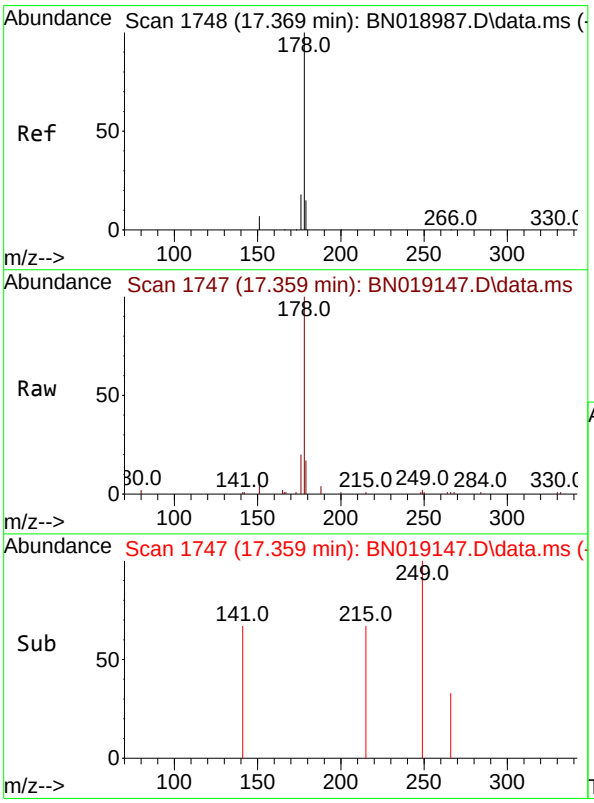
#25
Phenanthrene
Concen: 0.342 ng
RT: 17.266 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN019147.D
Acq: 25 Mar 2022 05:31

Instrument :
BNA_N
ClientSampleId :
PB143559BS

Tgt Ion:178 Resp: 13826

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.0
179	15.6	12.2	18.2

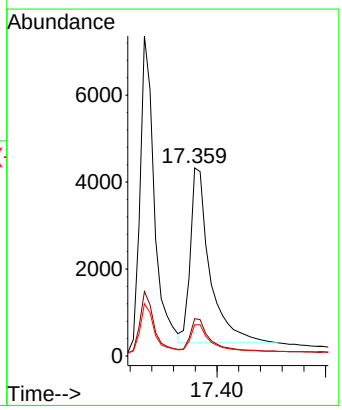


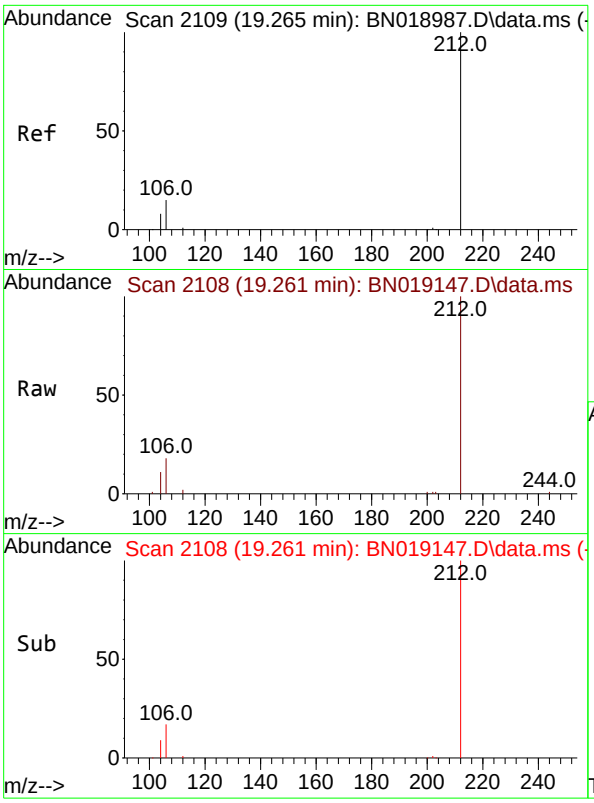


#26
Anthracene
Concen: 0.295 ng
RT: 17.359 min Scan# 1747
Delta R.T. -0.010 min
Lab File: BN019147.D
Acq: 25 Mar 2022 05:31

Tgt Ion:178 Resp: 10094

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.8	22.2
179	15.4	12.2	18.4



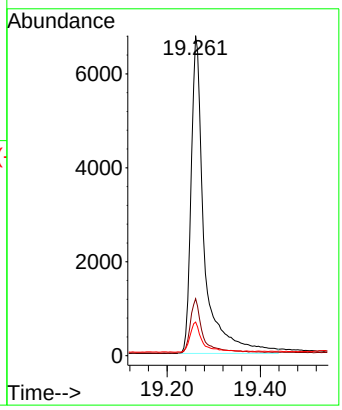


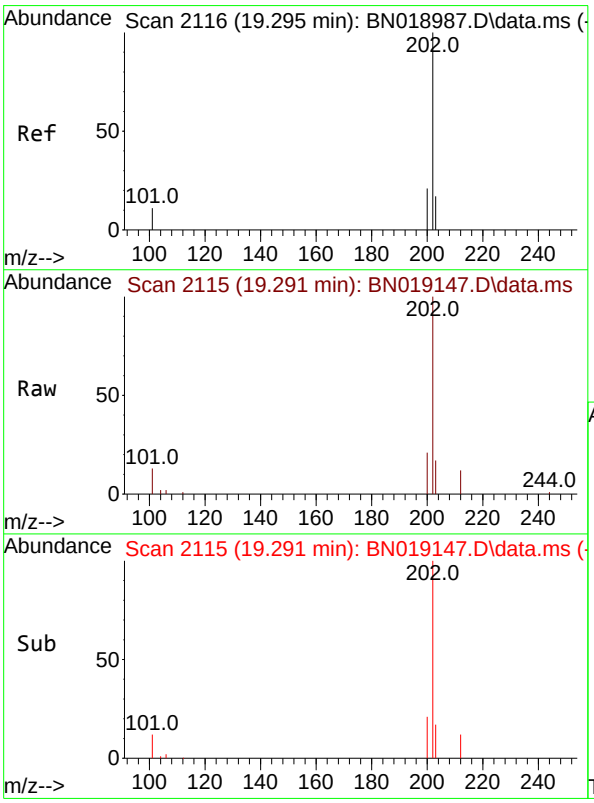
#27
Fluoranthene-d10
Concen: 0.348 ng
RT: 19.261 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN019147.D
Acq: 25 Mar 2022 05:31

Instrument :
BNA_N
ClientSampleId :
PB143559BS

Tgt Ion:212 Resp: 13371

Ion	Ratio	Lower	Upper
212	100		
106	16.2	12.7	19.1
104	9.1	7.1	10.7

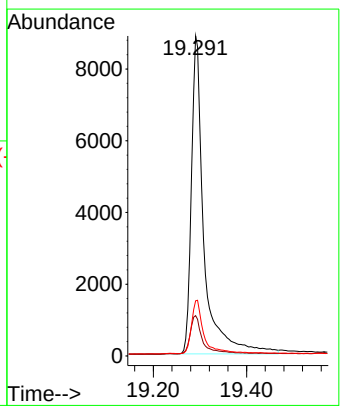


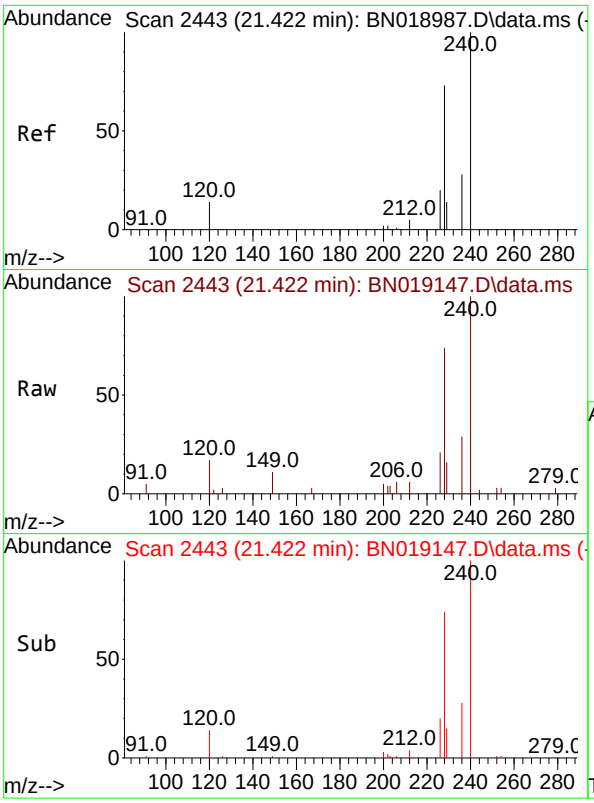


#28
Fluoranthene
Concen: 0.351 ng
RT: 19.291 min Scan# 2115
Delta R.T. -0.004 min
Lab File: BN019147.D
Acq: 25 Mar 2022 05:31

Tgt Ion:202 Resp: 16682

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.8	14.6
203	16.9	13.7	20.5



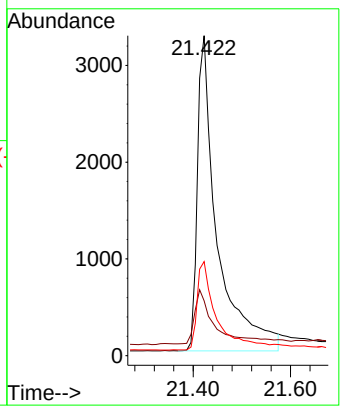


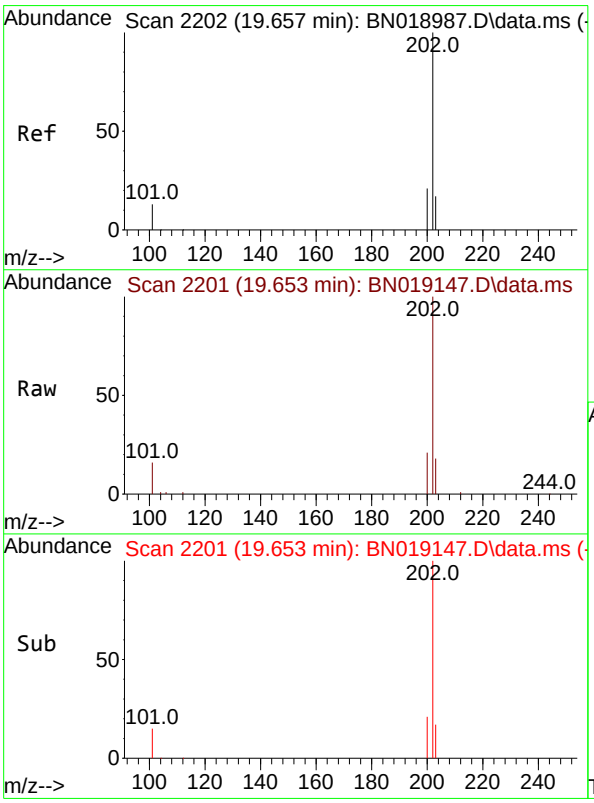
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.422 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN019147.D
Acq: 25 Mar 2022 05:31

Instrument :
BNA_N
ClientSampleId :
PB143559BS

Tgt Ion:240 Resp: 9178

Ion	Ratio	Lower	Upper
240	100		
120	17.1	8.5	12.7#
236	29.4	22.4	33.6

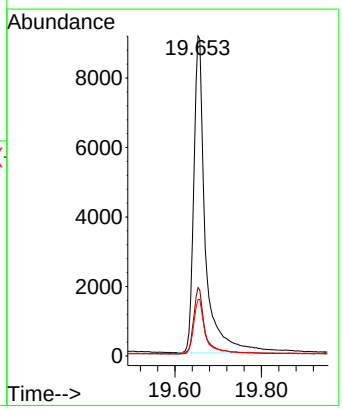


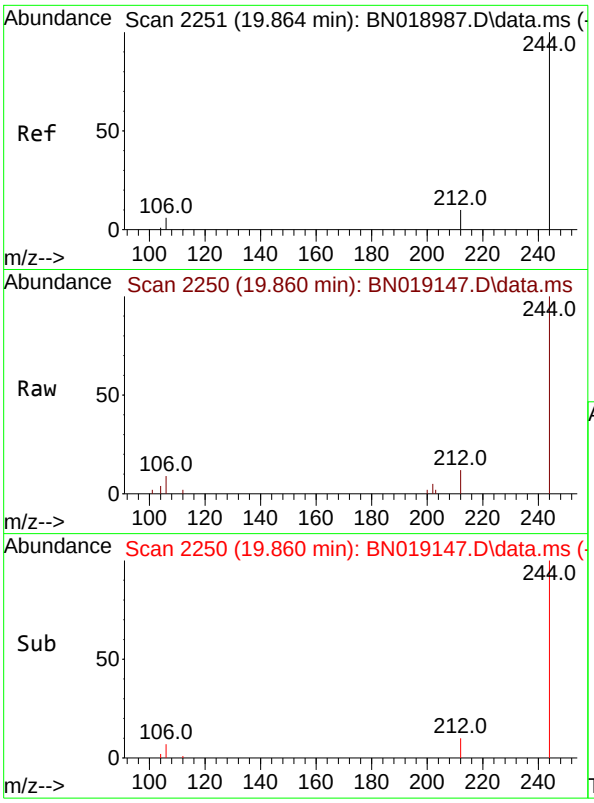


#30
Pyrene
Concen: 0.373 ng
RT: 19.653 min Scan# 2201
Delta R.T. -0.004 min
Lab File: BN019147.D
Acq: 25 Mar 2022 05:31

Tgt Ion:202 Resp: 17066

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.9	25.3
203	17.8	14.2	21.2



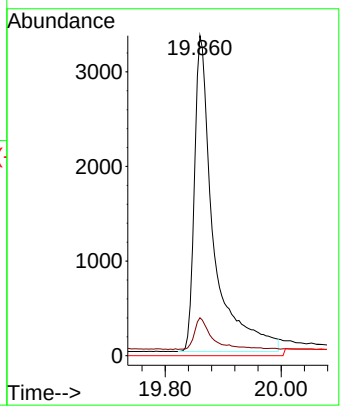


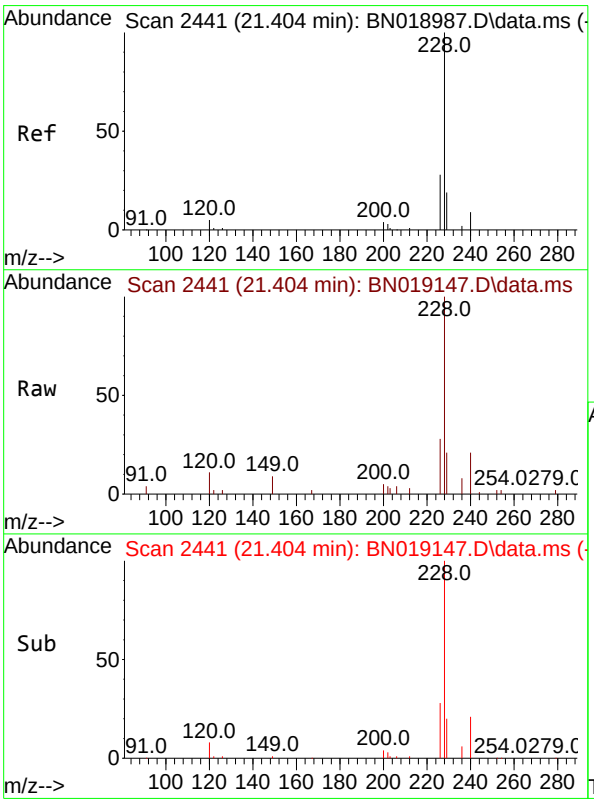
#31
Terphenyl-d14
Concen: 0.340 ng
RT: 19.860 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN019147.D
Acq: 25 Mar 2022 05:31

Instrument :
BNA_N
ClientSampleId :
PB143559BS

Tgt Ion:244 Resp: 7671

Ion	Ratio	Lower	Upper
244	100		
212	11.9	8.2	12.4
122	0.0	0.0	0.0

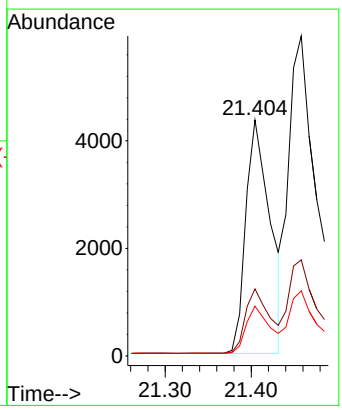


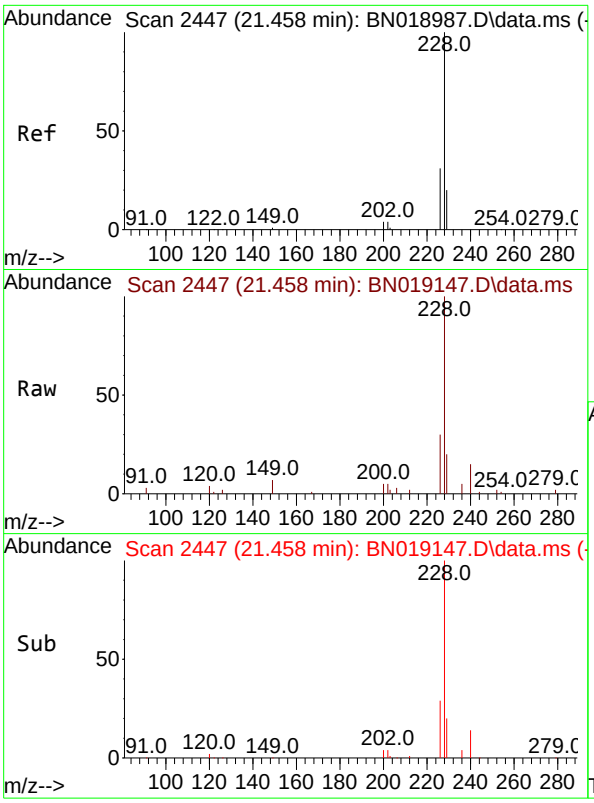


#32
Benzo(a)anthracene
Concen: 0.301 ng
RT: 21.404 min Scan# 2441
Delta R.T. -0.000 min
Lab File: BN019147.D
Acq: 25 Mar 2022 05:31

Tgt Ion:228 Resp: 8528

Ion	Ratio	Lower	Upper
228	100		
226	28.4	21.9	32.9
229	21.1	16.0	24.0



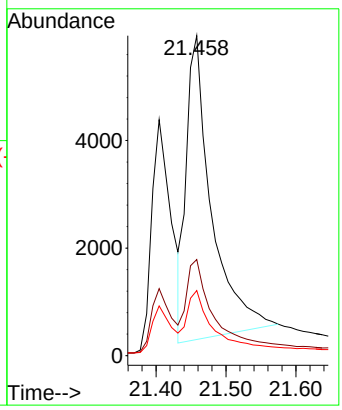


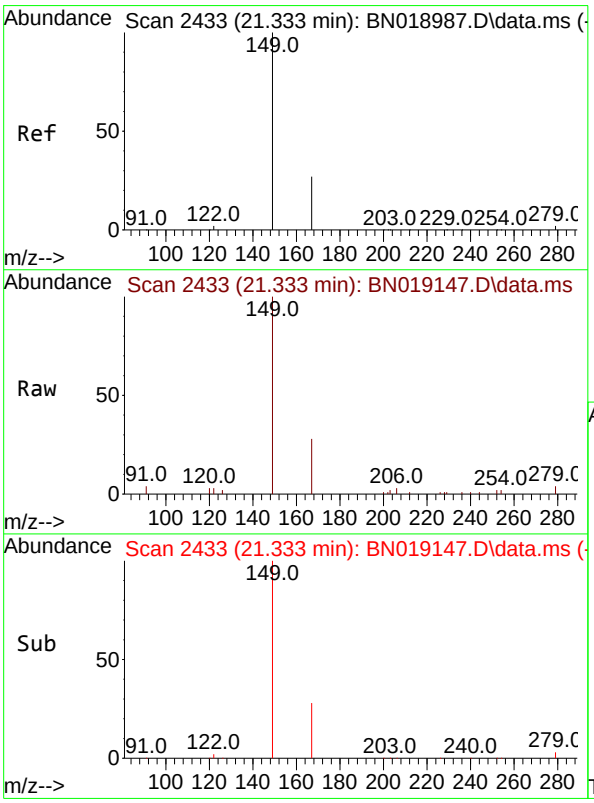
#33
Chrysene
Concen: 0.369 ng
RT: 21.458 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN019147.D
Acq: 25 Mar 2022 05:31

Instrument :
BNA_N
ClientSampleId :
PB143559BS

Tgt Ion:228 Resp: 14089

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.0	36.0
229	20.4	15.9	23.9

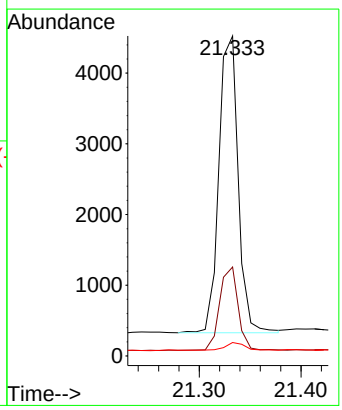


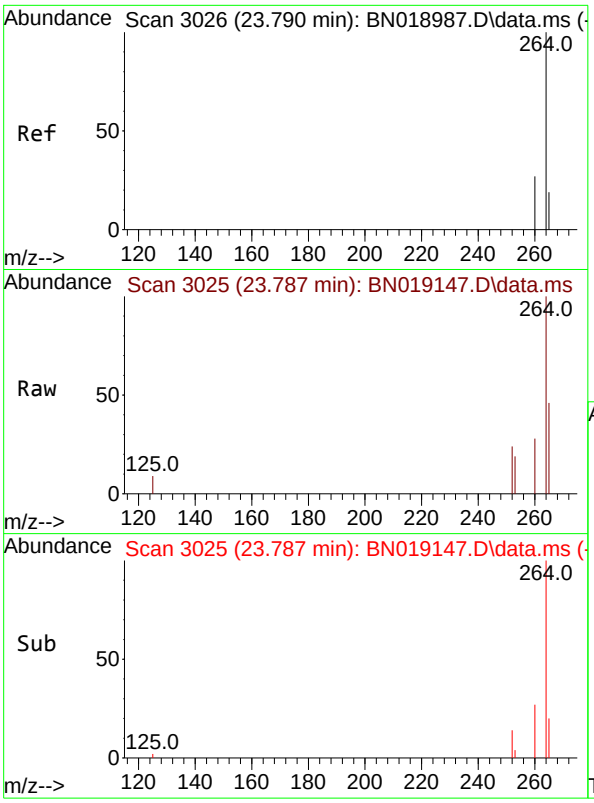


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.295 ng
RT: 21.333 min Scan# 2433
Delta R.T. -0.000 min
Lab File: BN019147.D
Acq: 25 Mar 2022 05:31

Tgt Ion:149 Resp: 5526

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.8	32.8
279	2.6	2.0	3.0



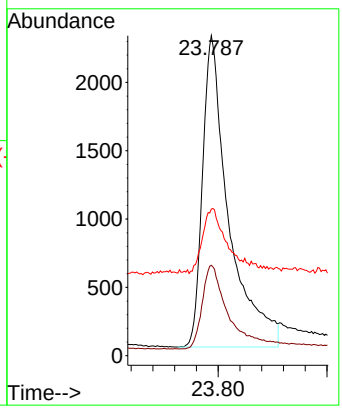


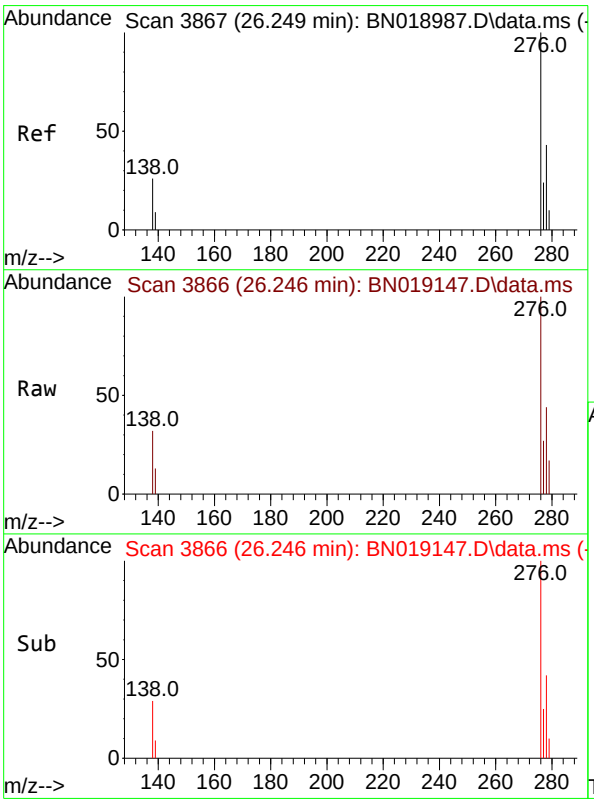
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.787 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN019147.D
Acq: 25 Mar 2022 05:31

Instrument :
BNA_N
ClientSampleId :
PB143559BS

Tgt Ion:264 Resp: 7593

Ion	Ratio	Lower	Upper
264	100		
260	28.3	22.4	33.6
265	45.8	25.3	37.9#

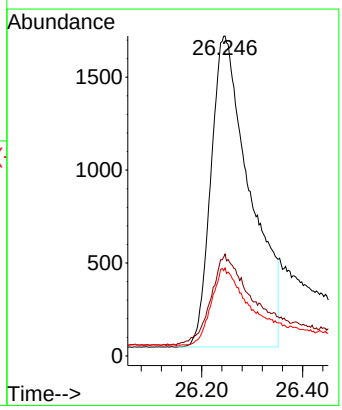


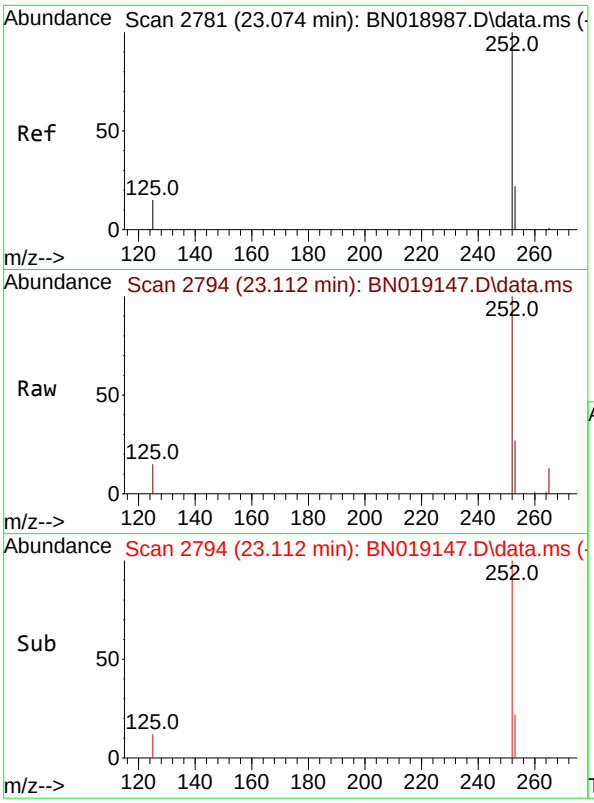


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.327 ng
RT: 26.246 min Scan# 3866
Delta R.T. -0.003 min
Lab File: BN019147.D
Acq: 25 Mar 2022 05:31

Tgt Ion:276 Resp: 8971

Ion	Ratio	Lower	Upper
276	100		
138	28.1	24.5	36.7
277	24.8	19.8	29.8



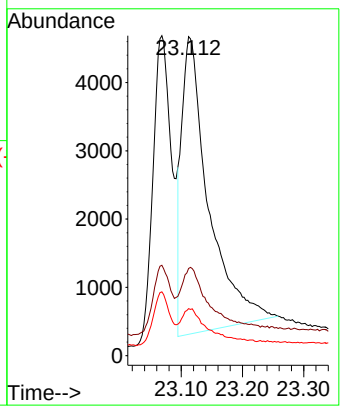


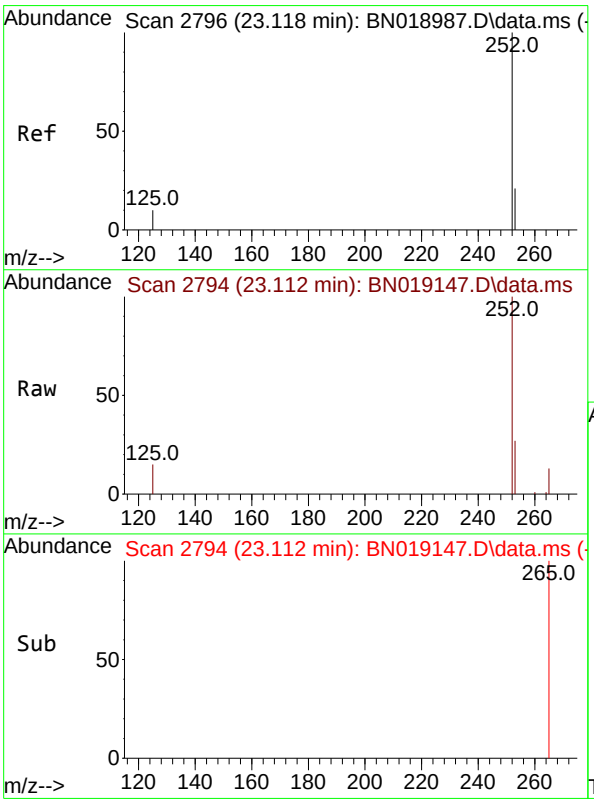
#37
Benzo(b)fluoranthene
Concen: 0.479 ng
RT: 23.112 min Scan# 2
Delta R.T. 0.038 min
Lab File: BN019147.D
Acq: 25 Mar 2022 05:31

Instrument :
BNA_N
ClientSampleId :
PB143559BS

Tgt Ion:252 Resp: 13274

Ion	Ratio	Lower	Upper
252	100		
253	27.3	18.9	28.3
125	14.7	12.1	18.1

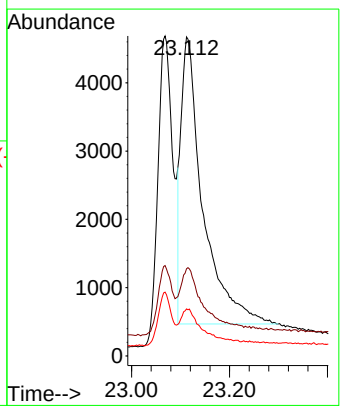


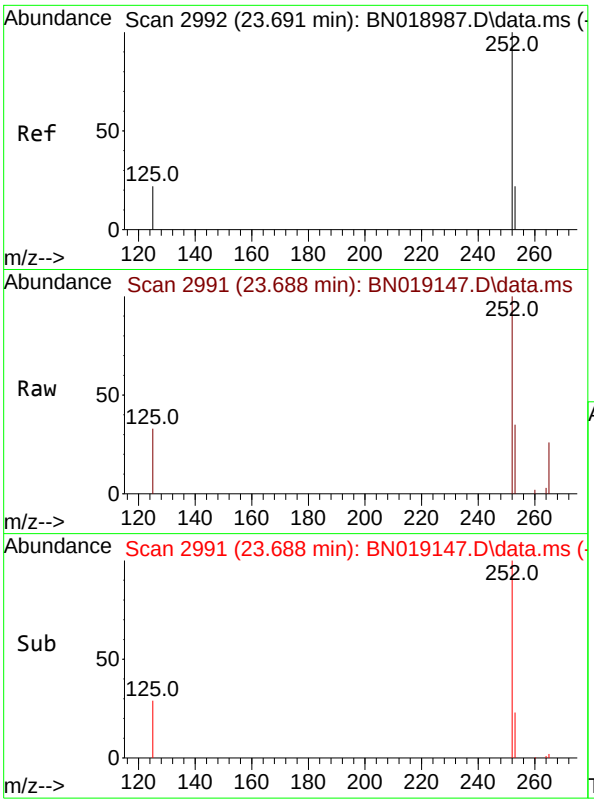


#38
Benzo(k)fluoranthene
Concen: 0.343 ng
RT: 23.112 min Scan# 2794
Delta R.T. -0.006 min
Lab File: BN019147.D
Acq: 25 Mar 2022 05:31

Tgt Ion:252 Resp: 13008

Ion	Ratio	Lower	Upper
252	100		
253	27.3	18.9	28.3
125	14.7	10.3	15.5



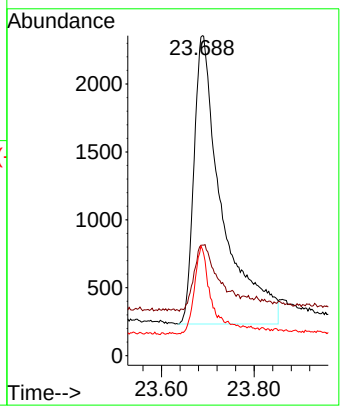


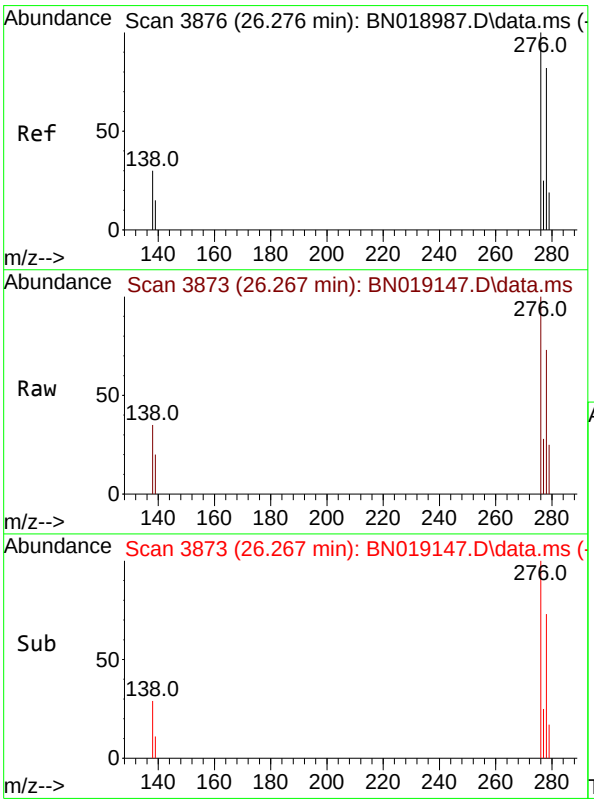
#39
Benzo(a)pyrene
Concen: 0.355 ng
RT: 23.688 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN019147.D
Acq: 25 Mar 2022 05:31

Instrument :
BNA_N
ClientSampleId :
PB143559BS

Tgt Ion:252 Resp: 8950

Ion	Ratio	Lower	Upper
252	100		
253	34.6	20.1	30.1#
125	33.3	15.2	22.8#

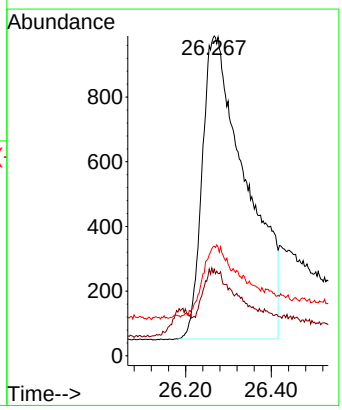


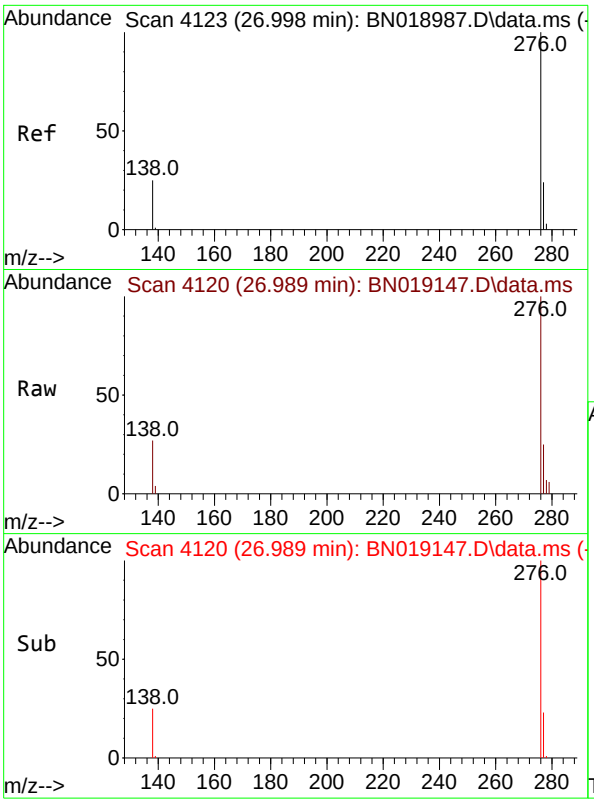


#40
Dibenzo(a,h)anthracene
Concen: 0.311 ng
RT: 26.267 min Scan# 3873
Delta R.T. -0.009 min
Lab File: BN019147.D
Acq: 25 Mar 2022 05:31

Tgt Ion:278 Resp: 6648

Ion	Ratio	Lower	Upper
278	100		
139	27.1	17.2	25.8#
279	34.3	19.9	29.9#





#41
Benzo(g,h,i)perylene
Concen: 0.406 ng
RT: 26.989 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN019147.D
Acq: 25 Mar 2022 05:31

Instrument :
BNA_N
ClientSampleId :
PB143559BS

Tgt Ion:276 Resp: 10933

Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.4	29.0
138	27.2	21.0	31.6