Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032822\
Data File : BN019205.D
Acq On : 28 Mar 2022 21:10
Operator : CG/JU
Sample : PB143644BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB143644BS

Quant Time: Mar 29 06:24:37 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 25 19:03:12 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.840	152	5388	0.400	ng		0.00
7) Naphthalene-d8	10.648	136	19640	0.400	ng		0.00
13) Acenaphthene-d10	14.484	164	12150	0.400	ng		0.00
19) Phenanthrene-d10	17.225	188	24770	0.400	ng	#	0.00
29) Chrysene-d12	21.413	240	18893	0.400	ng	#	0.00
35) Perylene-d12	23.782	264	16729	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.399	112	4295	0.337	ng		0.00
5) Phenol-d6	7.009	99	5478	0.376	ng		0.00
8) Nitrobenzene-d5	9.003	82	4815	0.316	ng		0.01
11) 2-Methylnaphthalene-d10	12.238	152	11882	0.378	ng		0.00
14) 2,4,6-Tribromophenol	15.974	330	1924	0.326	ng		0.00
15) 2-Fluorobiphenyl	13.105	172	18584	0.364	ng		0.00
27) Fluoranthene-d10	19.257	212	26446	0.365	ng		0.00
31) Terphenyl-d14	19.855	244	14942	0.354	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	2146	0.299	ng		99
3) n-Nitrosodimethylamine	3.564	42	2668	0.333	ng		97
6) bis(2-Chloroethyl)ether	7.262	93	6879	0.437	ng		97
9) Naphthalene	10.690	128	20252	0.366	ng		100
10) Hexachlorobutadiene	10.989	225	4638	0.374	ng	#	100
12) 2-Methylnaphthalene	12.310	142	13952	0.384	ng		98
16) Acenaphthylene	14.196	152	20002	0.361	ng		99
17) Acenaphthene	14.538	154	14334	0.365	ng		99
18) Fluorene	15.532	166	18188	0.364	ng		99
20) 4,6-Dinitro-2-methylph...	15.618	198	917	0.227	ng	#	90
21) 4-Bromophenyl-phenylether	16.415	248	5812	0.361	ng	#	86
22) Hexachlorobenzene	16.538	284	7585	0.398	ng		100
23) Atrazine	16.682	200	3369	0.302	ng		98
24) Pentachlorophenol	16.887	266	1912	0.280	ng		99
25) Phenanthrene	17.266	178	29131	0.367	ng		99
26) Anthracene	17.359	178	22932	0.348	ng		99
28) Fluoranthene	19.286	202	33390	0.372	ng		99
30) Pyrene	19.649	202	34505	0.386	ng		99
32) Benzo(a)anthracene	21.395	228	21660	0.357	ng		99
33) Chrysene	21.449	228	30540	0.392	ng		100
34) Bis(2-ethylhexyl)phtha...	21.324	149	12922	0.350	ng		100
36) Indeno(1,2,3-cd)pyrene	26.229	276	23018	0.344	ng		97
37) Benzo(b)fluoranthene	23.106	252	28690	0.452	ng		97
38) Benzo(k)fluoranthene	23.106	252	28577	0.354	ng		99
39) Benzo(a)pyrene	23.676	252	20848	0.383	ng	#	87
40) Dibenzo(a,h)anthracene	26.243	278	17849	0.354	ng		97
41) Benzo(g,h,i)perylene	26.971	276	24442	0.355	ng		100

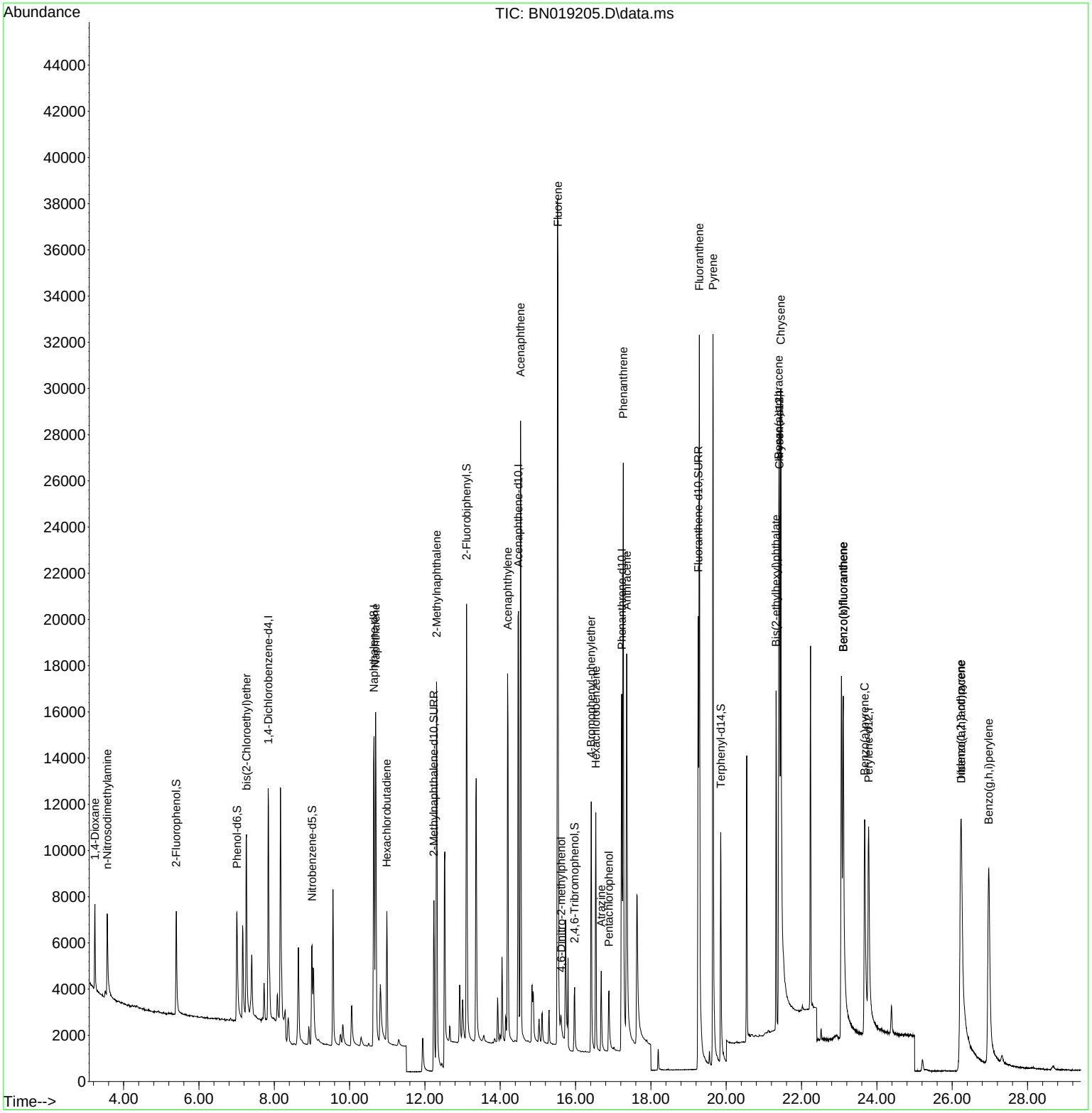
(#) = qualifier out of range (m) = manual integration (+) = signals summed

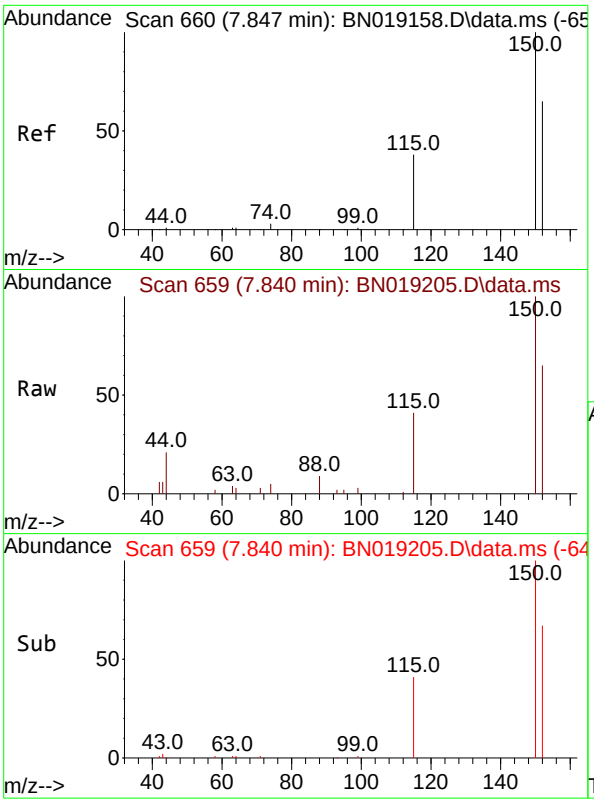
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032822\
Data File : BN019205.D
Acq On : 28 Mar 2022 21:10
Operator : CG/JU
Sample : PB143644BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB143644BS

Quant Time: Mar 29 06:24:37 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 25 19:03:12 2022
Response via : Initial Calibration



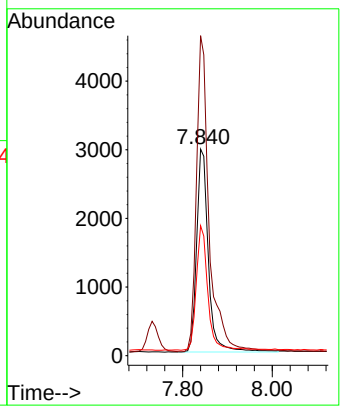


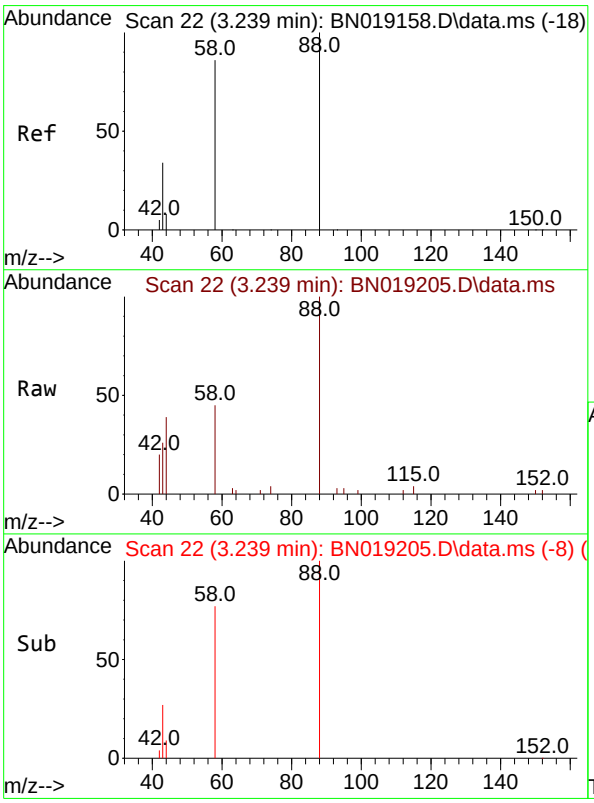
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.840 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN019205.D
Acq: 28 Mar 2022 21:10

Instrument :
BNA_N
ClientSampleId :
PB143644BS

Tgt Ion:152 Resp: 5388

Ion	Ratio	Lower	Upper
152	100		
150	155.0	123.9	185.9
115	62.9	48.2	72.4

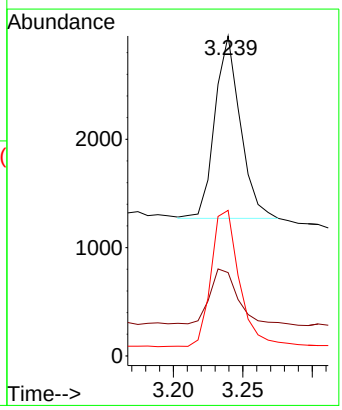


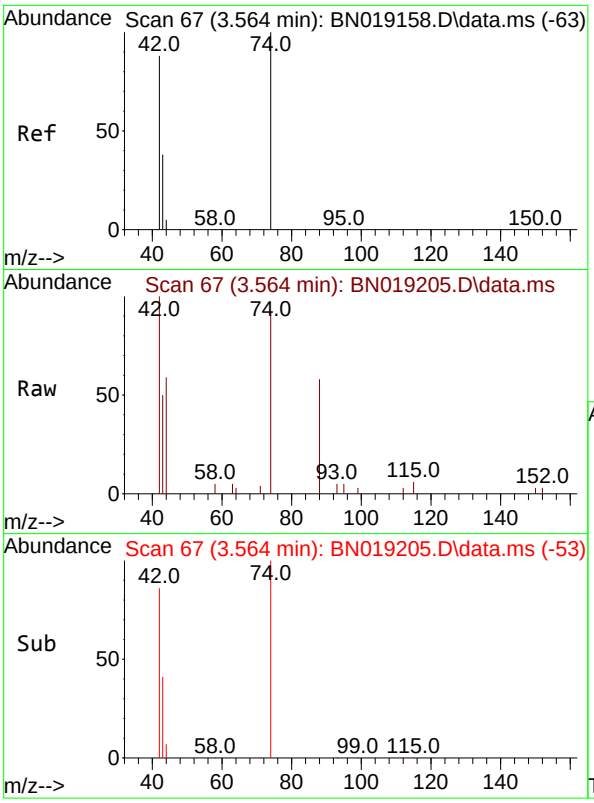


#2
1,4-Dioxane
Concen: 0.299 ng
RT: 3.239 min Scan# 22
Delta R.T. -0.000 min
Lab File: BN019205.D
Acq: 28 Mar 2022 21:10

Tgt Ion: 88 Resp: 2146

Ion	Ratio	Lower	Upper
88	100		
43	32.2	24.6	37.0
58	82.7	65.4	98.2



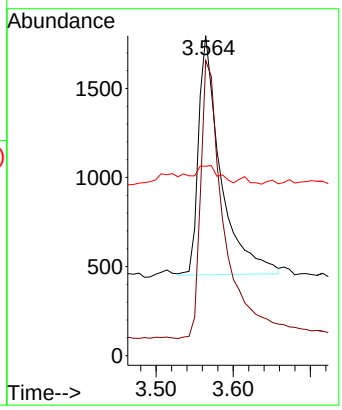


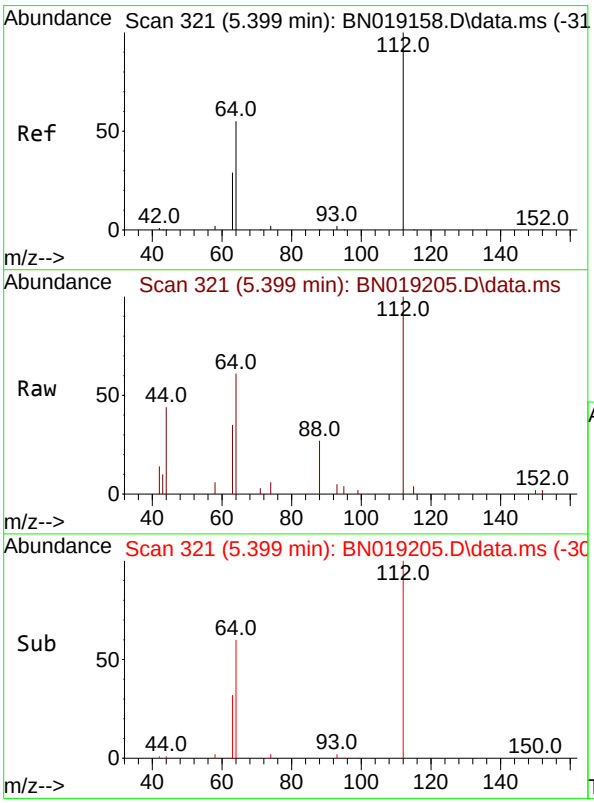
#3
n-Nitrosodimethylamine
Concen: 0.333 ng
RT: 3.564 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN019205.D
Acq: 28 Mar 2022 21:10

Instrument :
BNA_N
ClientSampleId :
PB143644BS

Tgt Ion: 42 Resp: 2668

Ion	Ratio	Lower	Upper
42	100		
74	124.6	96.9	145.3
44	7.3	7.3	10.9

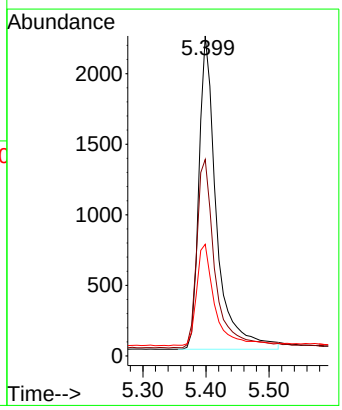


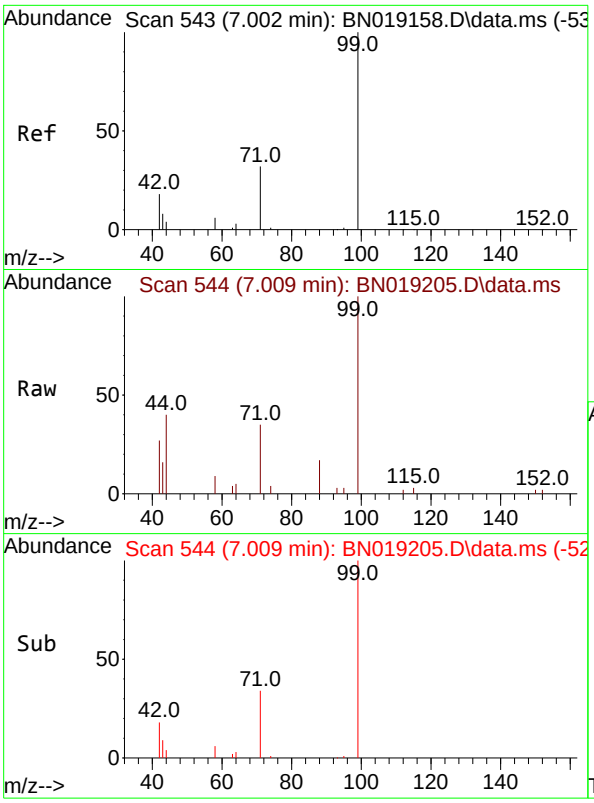


#4
2-Fluorophenol
Concen: 0.337 ng
RT: 5.399 min Scan# 321
Delta R.T. -0.000 min
Lab File: BN019205.D
Acq: 28 Mar 2022 21:10

Tgt Ion:112 Resp: 4295

Ion	Ratio	Lower	Upper
112	100		
64	62.6	47.8	71.8
63	33.6	25.7	38.5



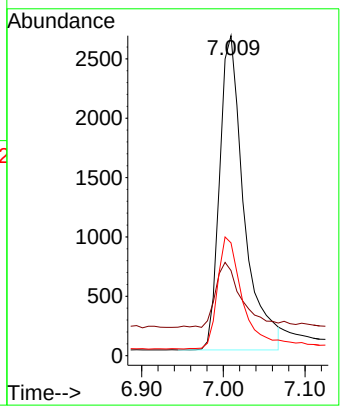


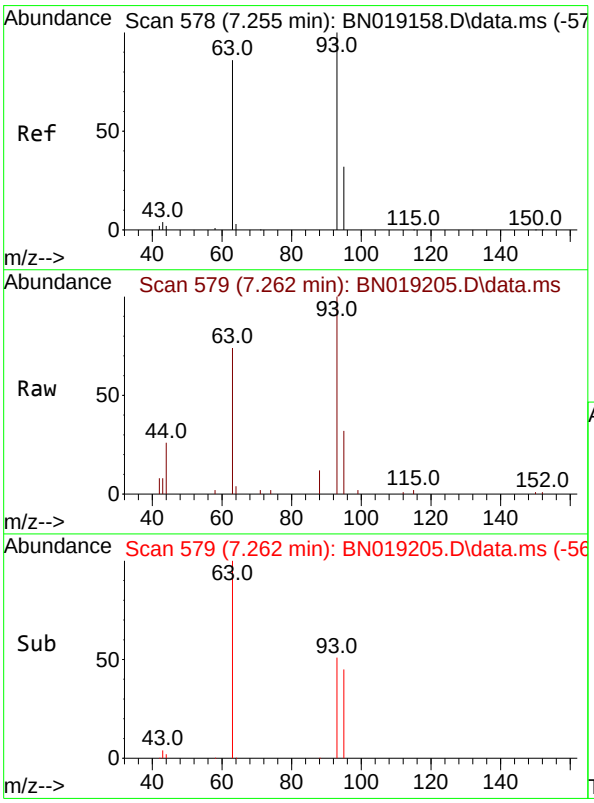
#5
Phenol-d6
Concen: 0.376 ng
RT: 7.009 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN019205.D
Acq: 28 Mar 2022 21:10

Instrument :
BNA_N
ClientSampleId :
PB143644BS

Tgt Ion: 99 Resp: 5478

Ion	Ratio	Lower	Upper
99	100		
42	21.4	16.2	24.4
71	35.7	27.7	41.5

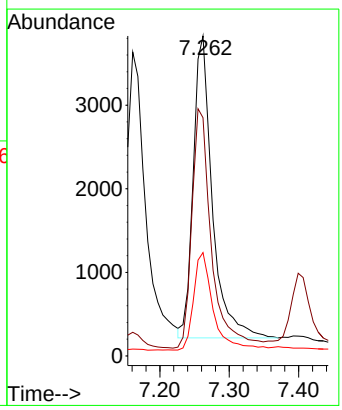


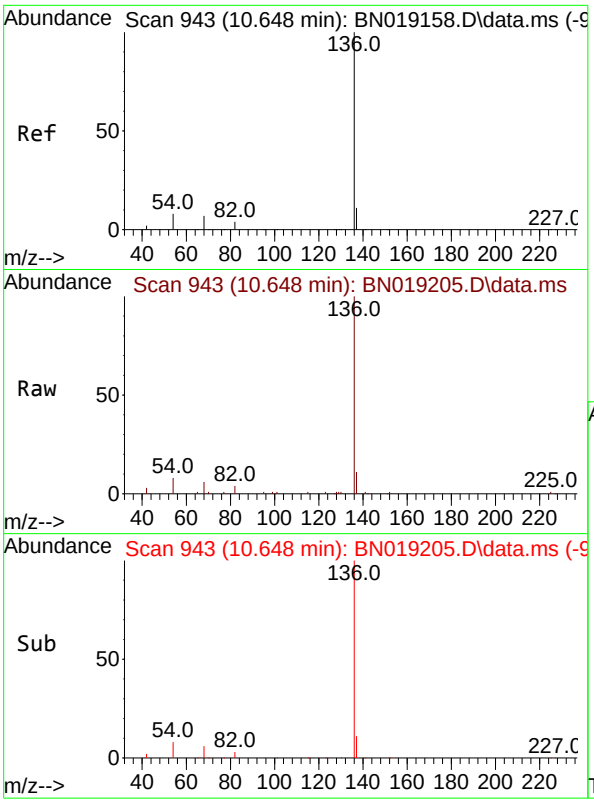


#6
bis(2-Chloroethyl)ether
Concen: 0.437 ng
RT: 7.262 min Scan# 579
Delta R.T. 0.007 min
Lab File: BN019205.D
Acq: 28 Mar 2022 21:10

Tgt Ion: 93 Resp: 6879

Ion	Ratio	Lower	Upper
93	100		
63	81.9	62.8	94.2
95	33.2	26.2	39.4



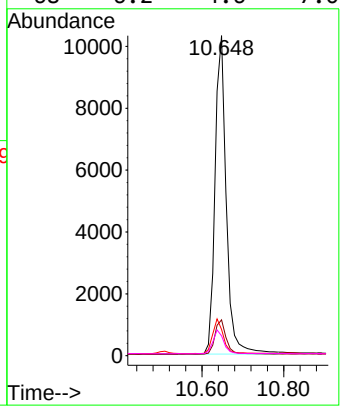


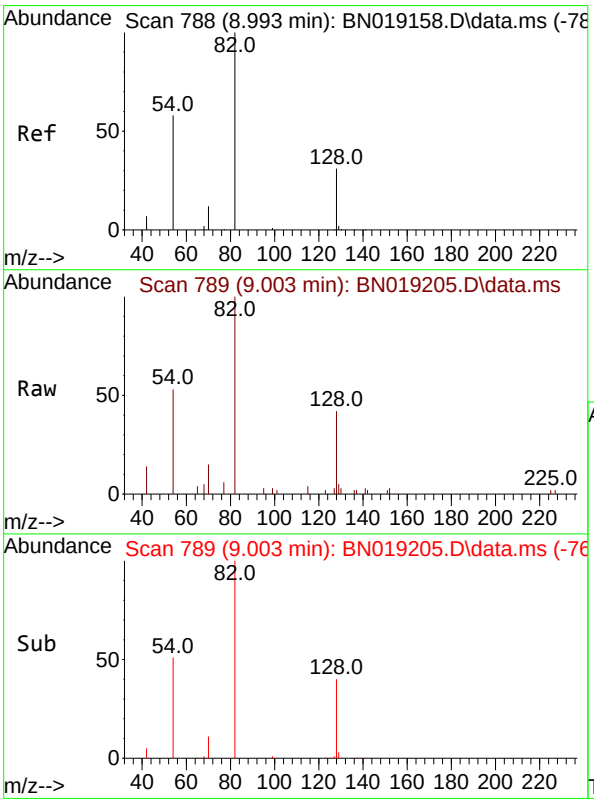
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN019205.D
Acq: 28 Mar 2022 21:10

Instrument :
BNA_N
ClientSampleId :
PB143644BS

Tgt Ion:136 Resp: 19640

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	8.2	5.8	8.6
68	6.2	4.6	7.0

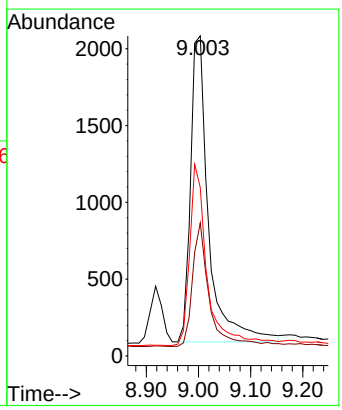


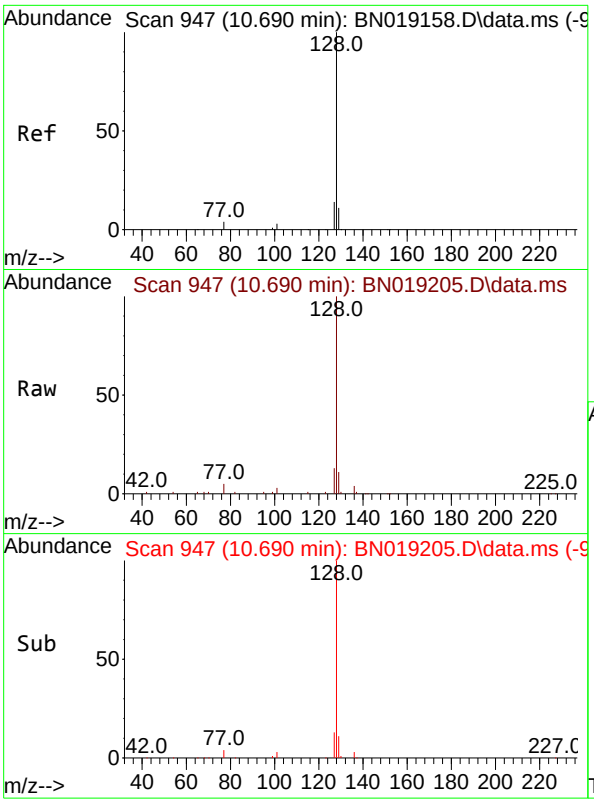


#8
Nitrobenzene-d5
Concen: 0.316 ng
RT: 9.003 min Scan# 789
Delta R.T. 0.011 min
Lab File: BN019205.D
Acq: 28 Mar 2022 21:10

Tgt Ion: 82 Resp: 4815

Ion	Ratio	Lower	Upper
82	100		
128	41.6	33.0	49.6
54	52.7	42.5	63.7



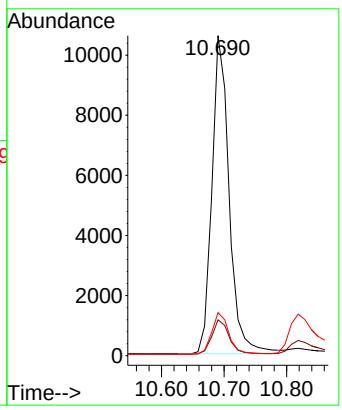


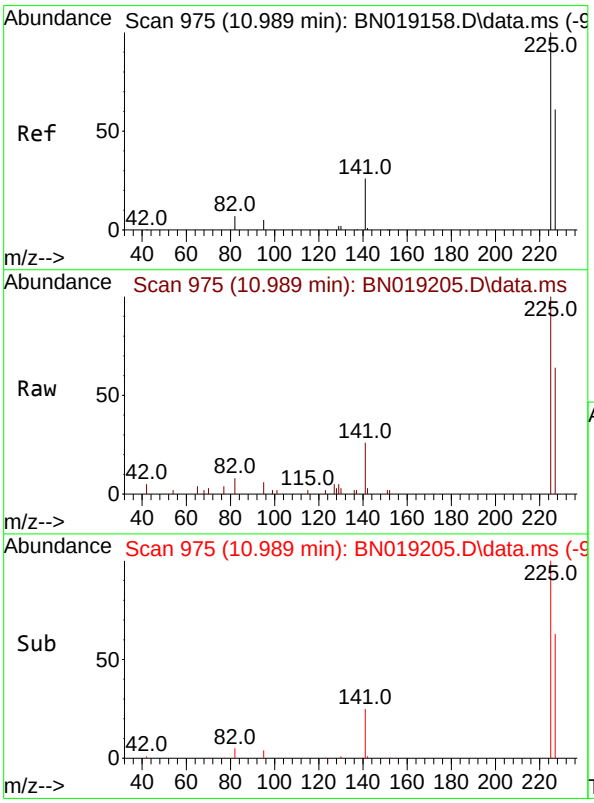
#9
Naphthalene
Concen: 0.366 ng
RT: 10.690 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN019205.D
Acq: 28 Mar 2022 21:10

Instrument :
BNA_N
ClientSampleId :
PB143644BS

Tgt Ion:128 Resp: 20252

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	13.4	10.7	16.1

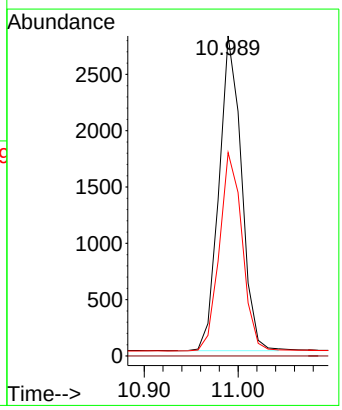


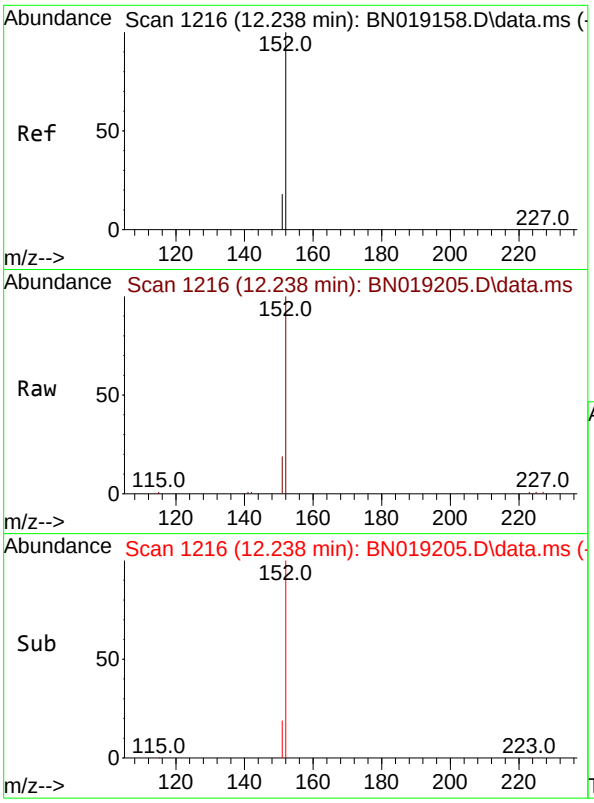


#10
Hexachlorobutadiene
Concen: 0.374 ng
RT: 10.989 min Scan# 975
Delta R.T. -0.000 min
Lab File: BN019205.D
Acq: 28 Mar 2022 21:10

Tgt Ion:225 Resp: 4638

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	51.0	76.6



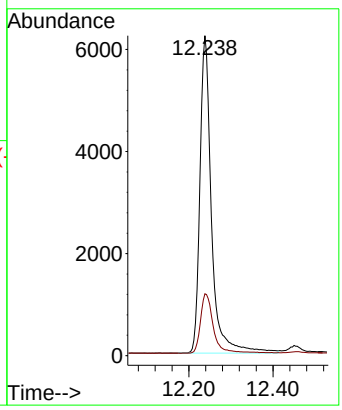


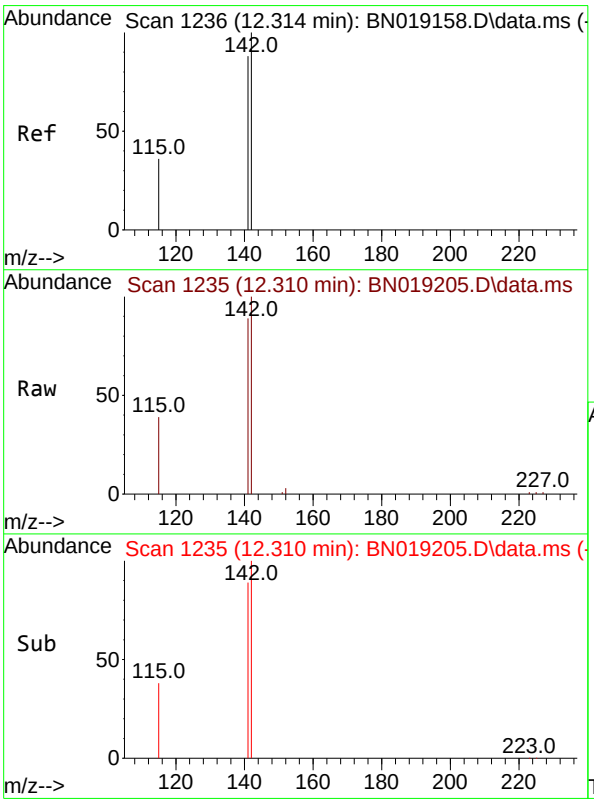
#11
2-Methylnaphthalene-d10
Concen: 0.378 ng
RT: 12.238 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019205.D
Acq: 28 Mar 2022 21:10

Instrument :
BNA_N
ClientSampleId :
PB143644BS

Tgt Ion:152 Resp: 11882

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.5	24.7

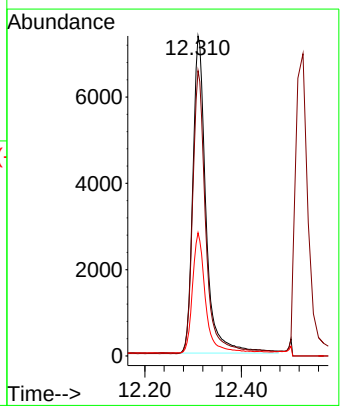


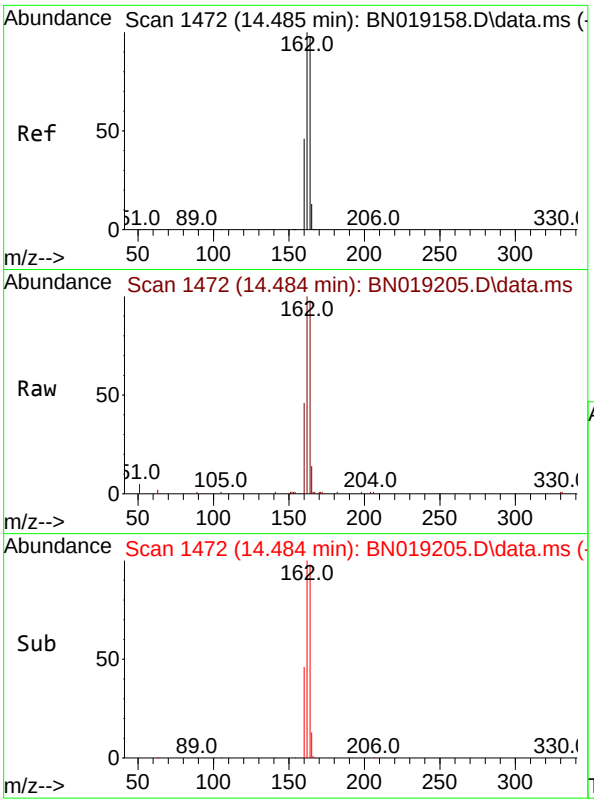


#12
2-Methylnaphthalene
Concen: 0.384 ng
RT: 12.310 min Scan# 1235
Delta R.T. -0.004 min
Lab File: BN019205.D
Acq: 28 Mar 2022 21:10

Tgt Ion:142 Resp: 13952

Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.0	105.0
115	38.5	29.8	44.8



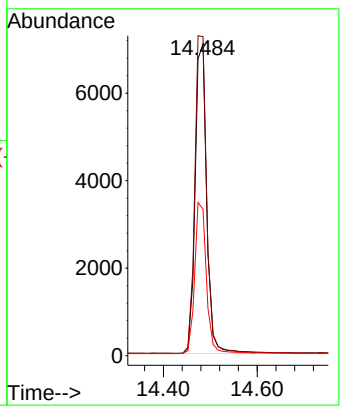


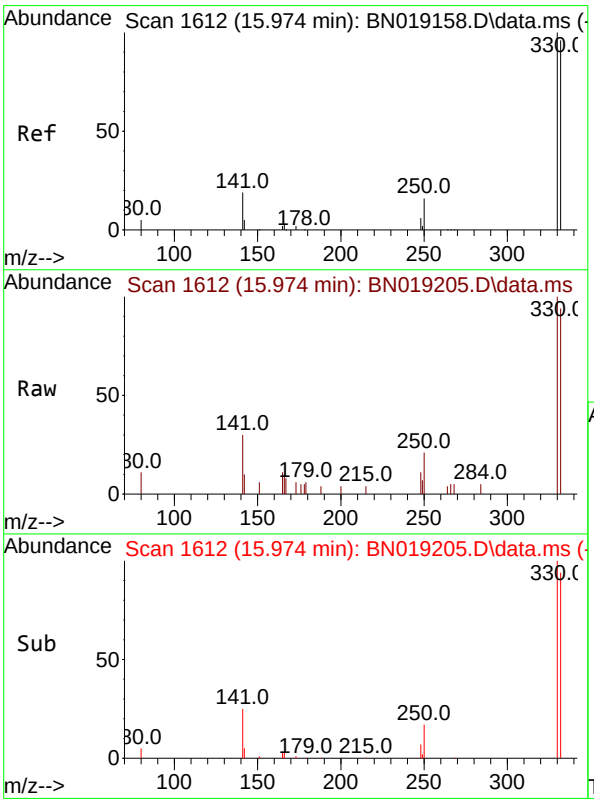
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN019205.D
Acq: 28 Mar 2022 21:10

Instrument :
BNA_N
ClientSampleId :
PB143644BS

Tgt Ion:164 Resp: 12150

Ion	Ratio	Lower	Upper
164	100		
162	102.3	85.2	127.8
160	47.0	41.5	62.3

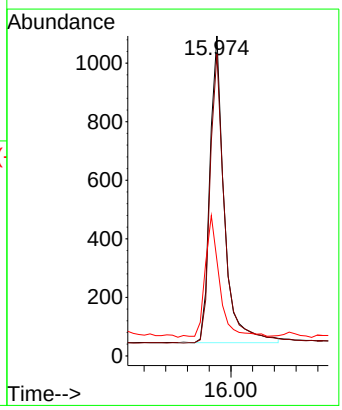


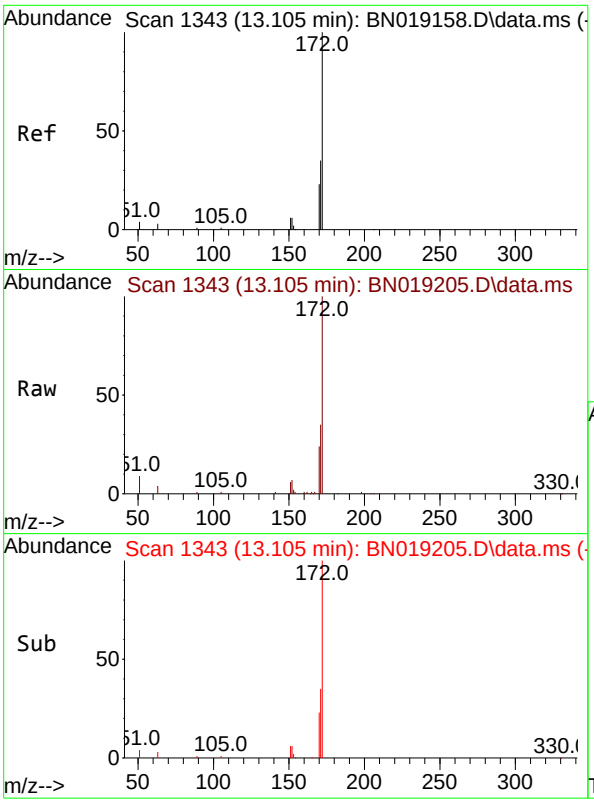


#14
2,4,6-Tribromophenol
Concen: 0.326 ng
RT: 15.974 min Scan# 1612
Delta R.T. -0.000 min
Lab File: BN019205.D
Acq: 28 Mar 2022 21:10

Tgt Ion:330 Resp: 1924

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.8	115.2
141	39.9	32.2	48.2



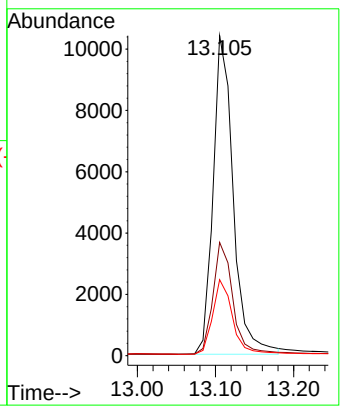


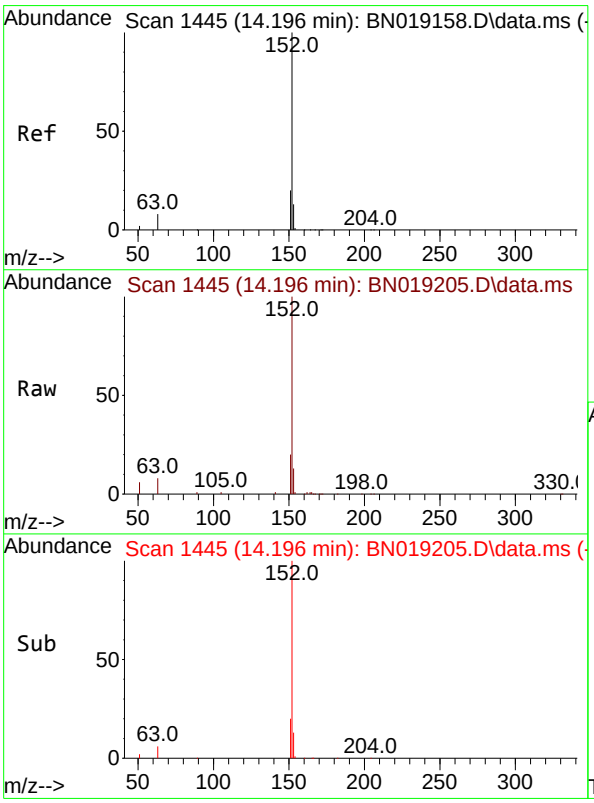
#15
2-Fluorobiphenyl
Concen: 0.364 ng
RT: 13.105 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019205.D
Acq: 28 Mar 2022 21:10

Instrument :
BNA_N
ClientSampleId :
PB143644BS

Tgt Ion:172 Resp: 18584

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.2	42.2
170	23.8	18.7	28.1

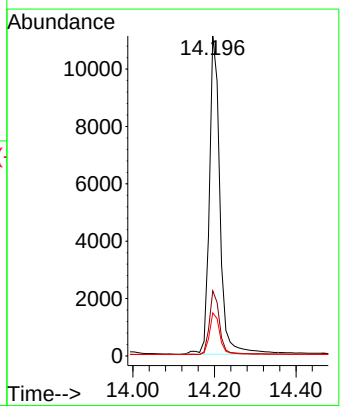


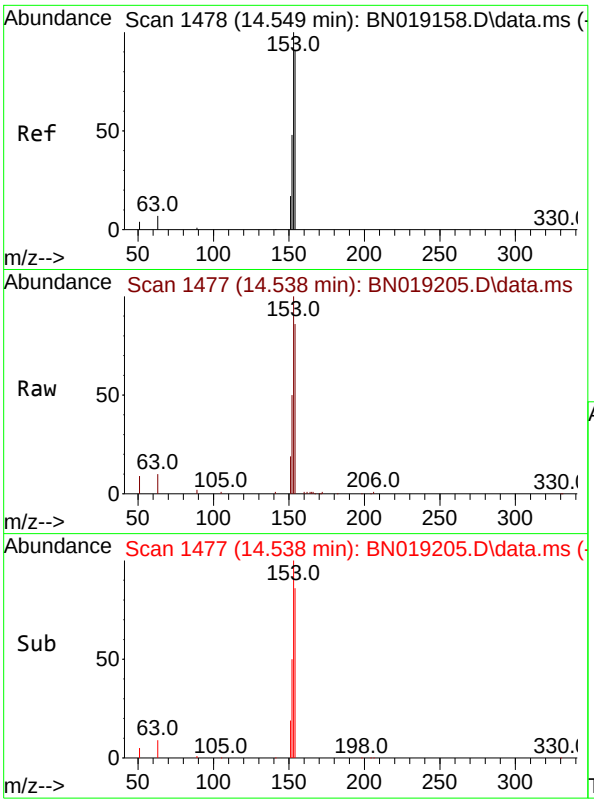


#16
Acenaphthylene
Concen: 0.361 ng
RT: 14.196 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BN019205.D
Acq: 28 Mar 2022 21:10

Tgt Ion:152 Resp: 20002

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.9	23.9
153	13.2	10.6	15.8



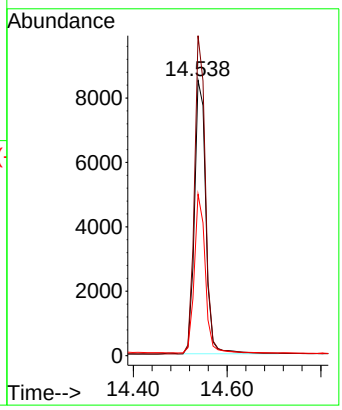


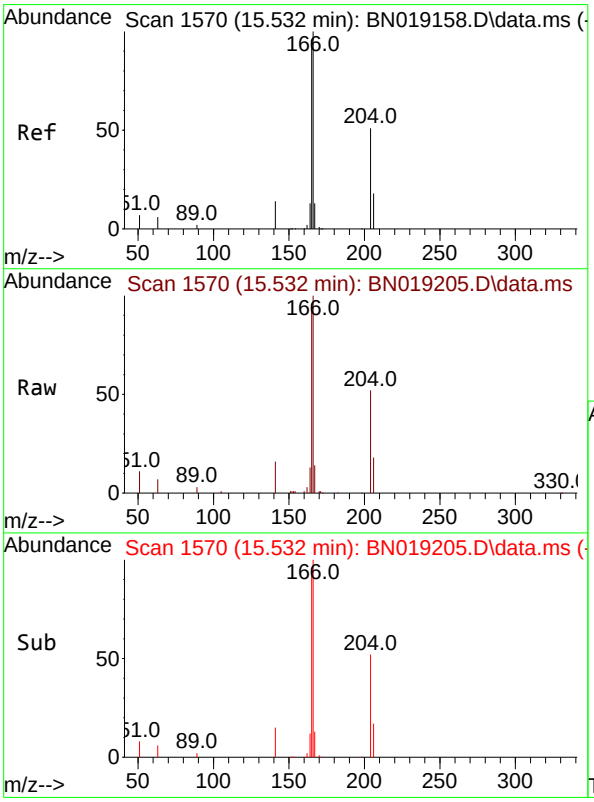
#17
Acenaphthene
Concen: 0.365 ng
RT: 14.538 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN019205.D
Acq: 28 Mar 2022 21:10

Instrument :
BNA_N
ClientSampleId :
PB143644BS

Tgt Ion:154 Resp: 14334

Ion	Ratio	Lower	Upper
154	100		
153	113.1	89.7	134.5
152	55.6	44.7	67.1

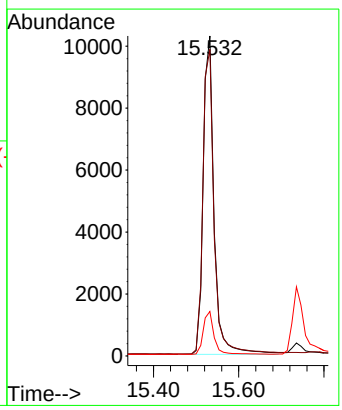


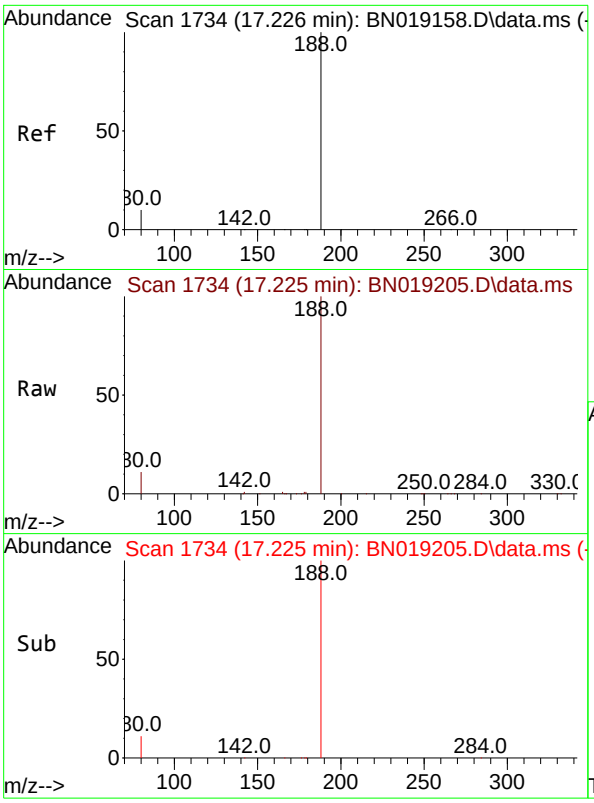


#18
Fluorene
Concen: 0.364 ng
RT: 15.532 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BN019205.D
Acq: 28 Mar 2022 21:10

Tgt Ion:166 Resp: 18188

Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.2	118.8
167	13.3	10.7	16.1



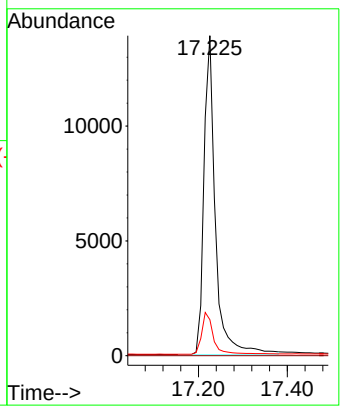


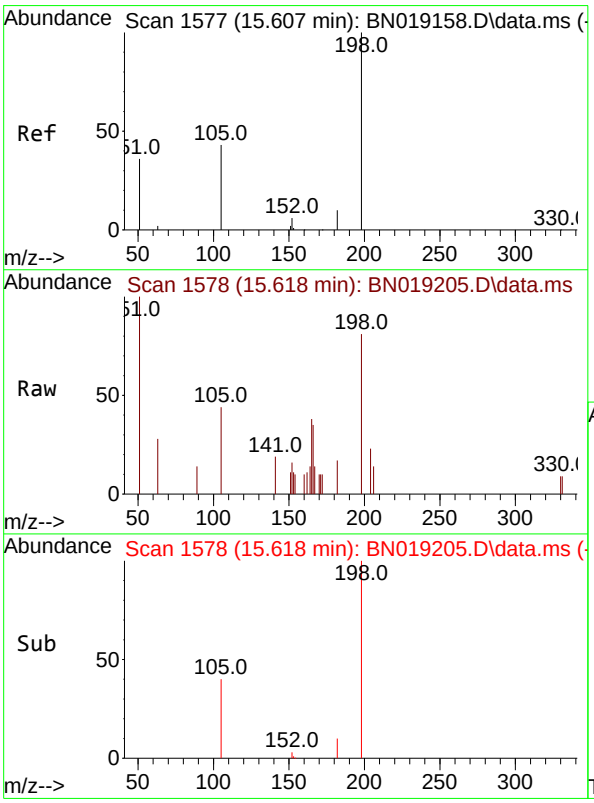
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.225 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019205.D
Acq: 28 Mar 2022 21:10

Instrument :
BNA_N
ClientSampleId :
PB143644BS

Tgt Ion:188 Resp: 24770

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.3	11.8	17.8#

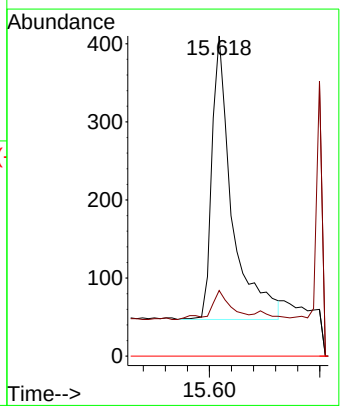


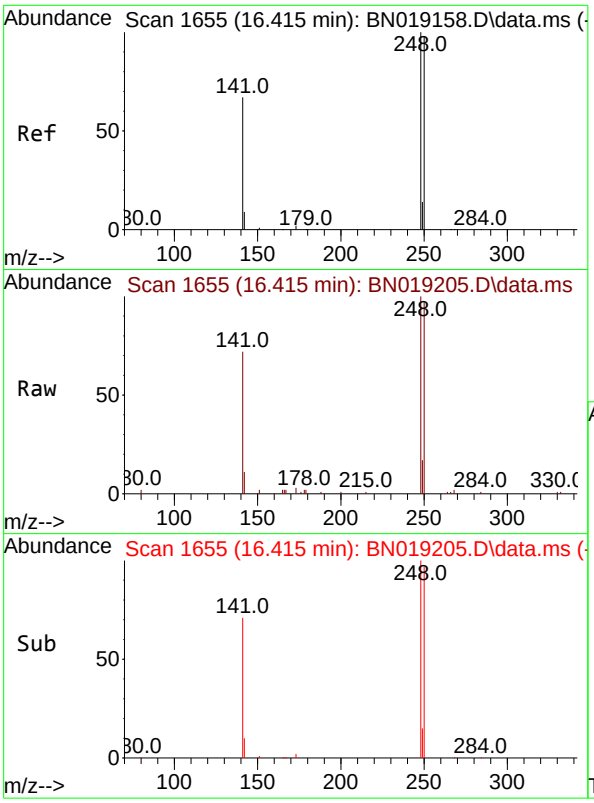


#20
4,6-Dinitro-2-methylphenol
Concen: 0.227 ng
RT: 15.618 min Scan# 1578
Delta R.T. 0.011 min
Lab File: BN019205.D
Acq: 28 Mar 2022 21:10

Tgt Ion:198 Resp: 917

Ion	Ratio	Lower	Upper
198	100		
182	20.5	13.0	19.4#
77	0.0	0.0	0.0



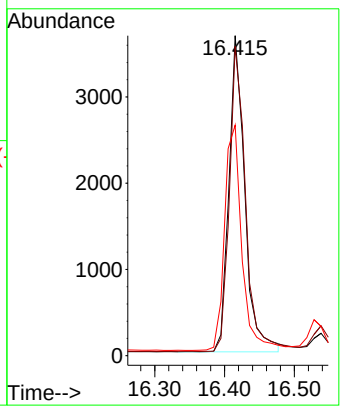


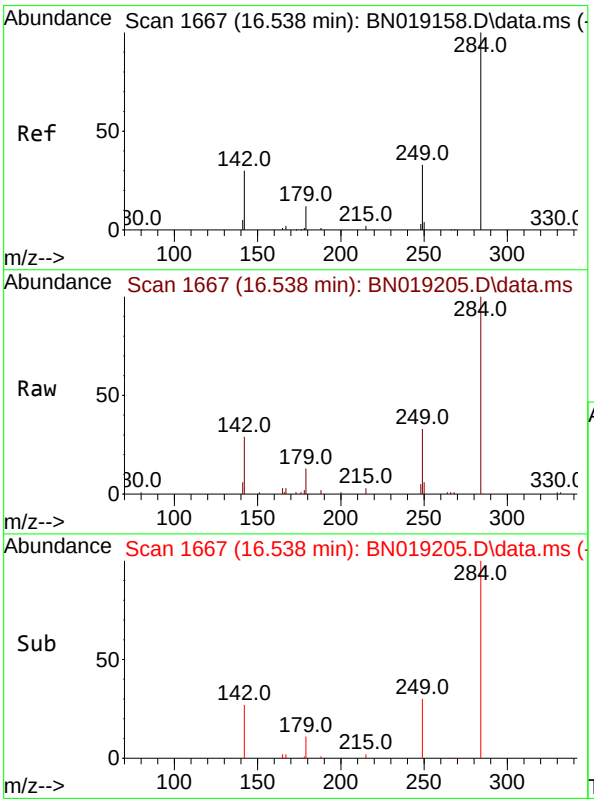
#21
4-Bromophenyl-phenylether
Concen: 0.361 ng
RT: 16.415 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN019205.D
Acq: 28 Mar 2022 21:10

Instrument :
BNA_N
ClientSampleId :
PB143644BS

Tgt Ion:248 Resp: 5812

Ion	Ratio	Lower	Upper
248	100		
250	96.6	80.7	121.1
141	72.1	39.6	59.4#

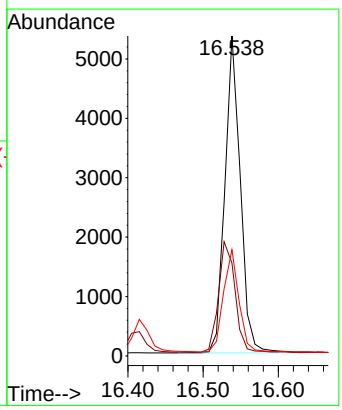


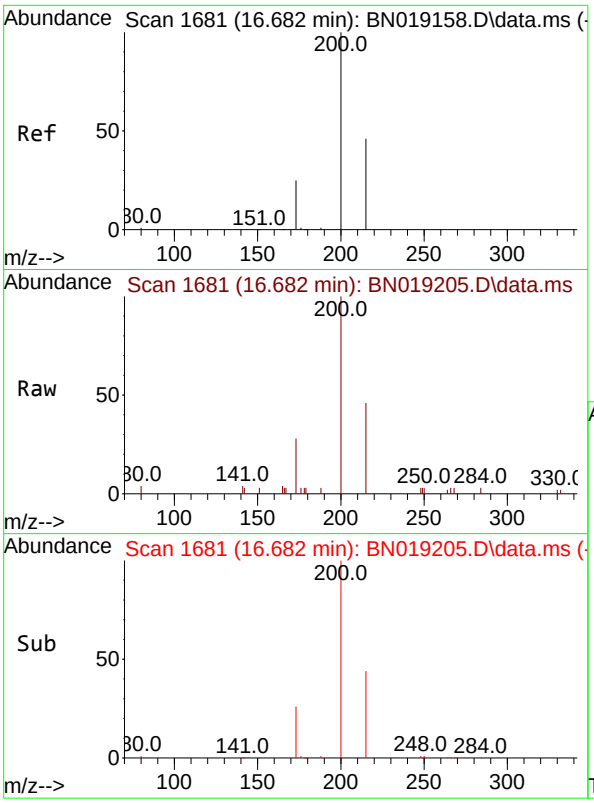


#22
Hexachlorobenzene
Concen: 0.398 ng
RT: 16.538 min Scan# 1667
Delta R.T. -0.000 min
Lab File: BN019205.D
Acq: 28 Mar 2022 21:10

Tgt Ion:284 Resp: 7585

Ion	Ratio	Lower	Upper
284	100		
142	37.3	29.8	44.8
249	32.3	26.2	39.2



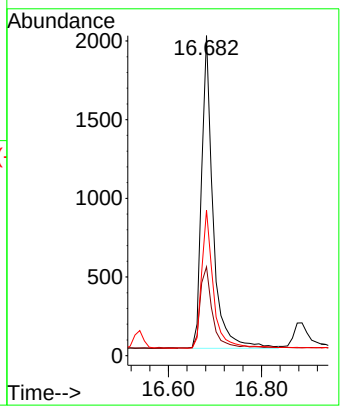


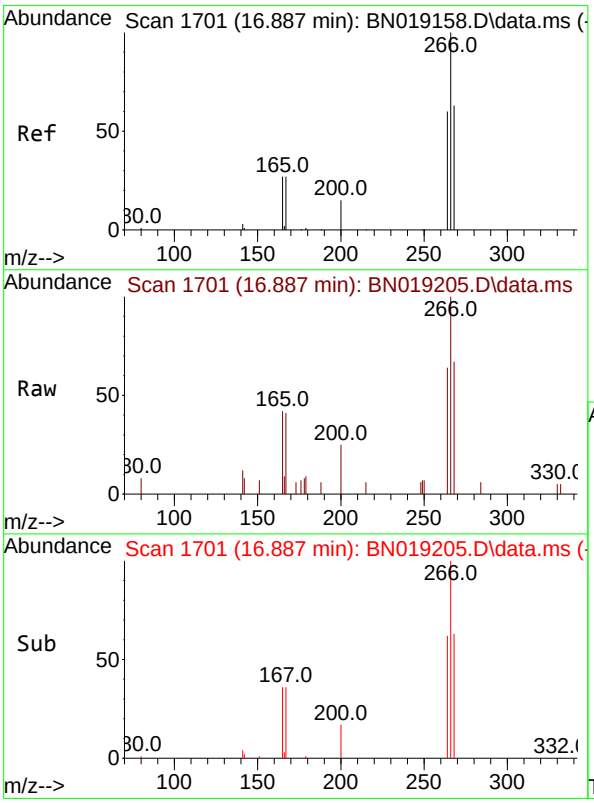
#23
Atrazine
Concen: 0.302 ng
RT: 16.682 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019205.D
Acq: 28 Mar 2022 21:10

Instrument :
BNA_N
ClientSampleId :
PB143644BS

Tgt Ion:200 Resp: 3369

Ion	Ratio	Lower	Upper
200	100		
173	27.7	23.9	35.9
215	45.5	36.6	54.8

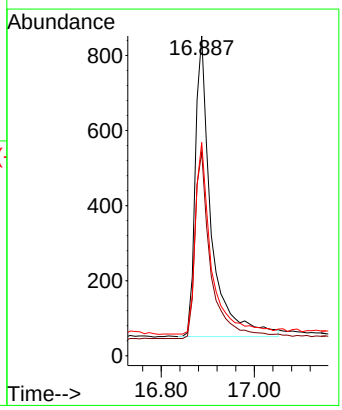


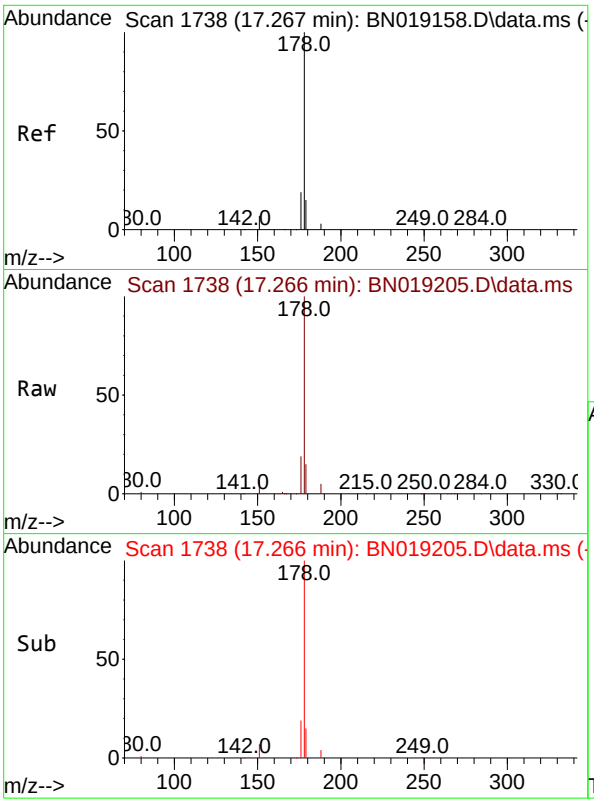


#24
Pentachlorophenol
Concen: 0.280 ng
RT: 16.887 min Scan# 1701
Delta R.T. -0.000 min
Lab File: BN019205.D
Acq: 28 Mar 2022 21:10

Tgt Ion:266 Resp: 1912

Ion	Ratio	Lower	Upper
266	100		
264	61.6	50.2	75.4
268	63.9	51.9	77.9



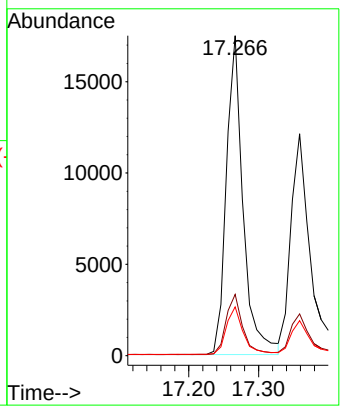


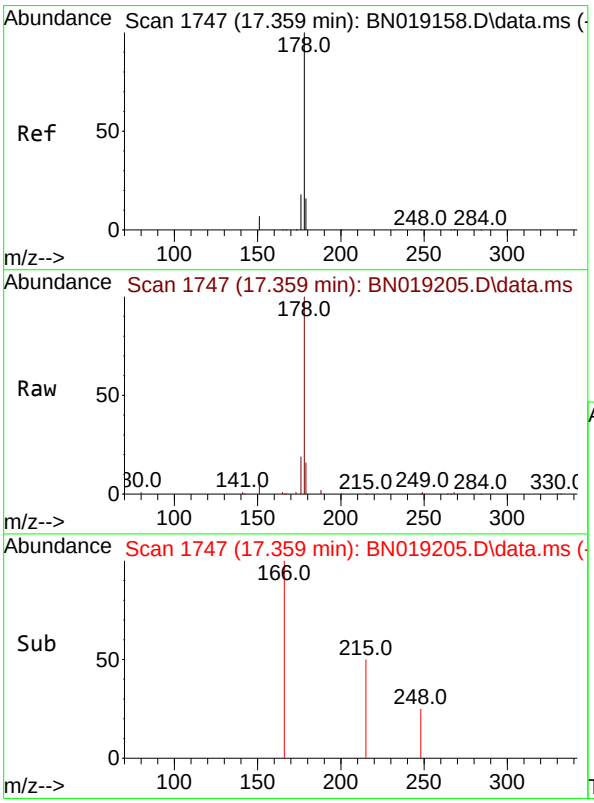
#25
Phenanthrene
Concen: 0.367 ng
RT: 17.266 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019205.D
Acq: 28 Mar 2022 21:10

Instrument :
BNA_N
ClientSampleId :
PB143644BS

Tgt Ion:178 Resp: 29131

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.0
179	15.3	12.2	18.2

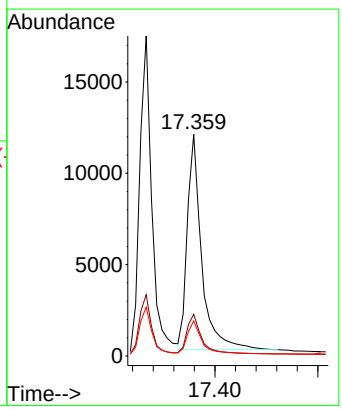


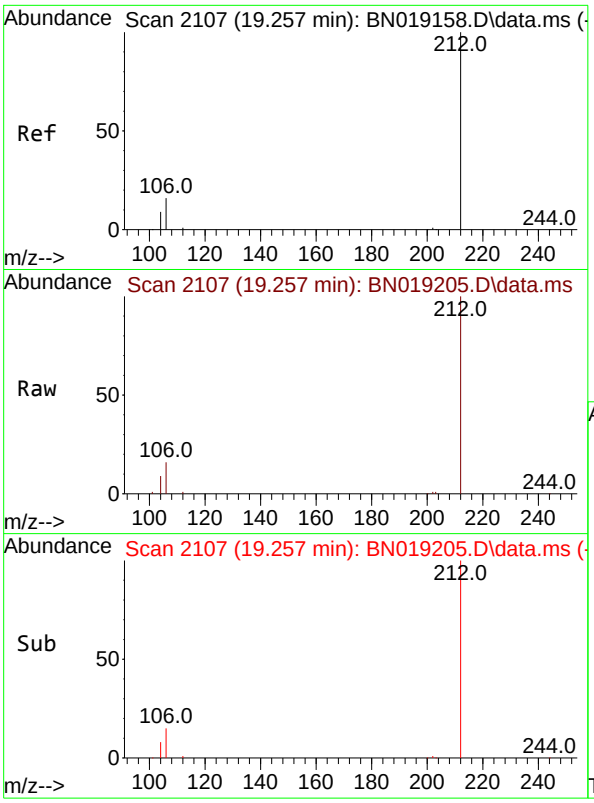


#26
Anthracene
Concen: 0.348 ng
RT: 17.359 min Scan# 1747
Delta R.T. -0.000 min
Lab File: BN019205.D
Acq: 28 Mar 2022 21:10

Tgt Ion:178 Resp: 22932

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.8	22.2
179	15.3	12.2	18.4



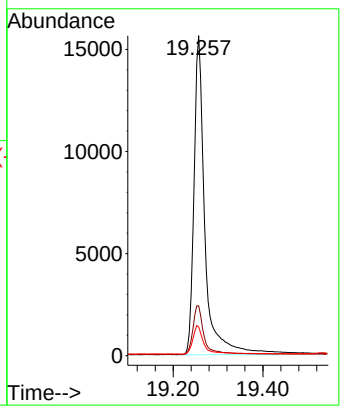


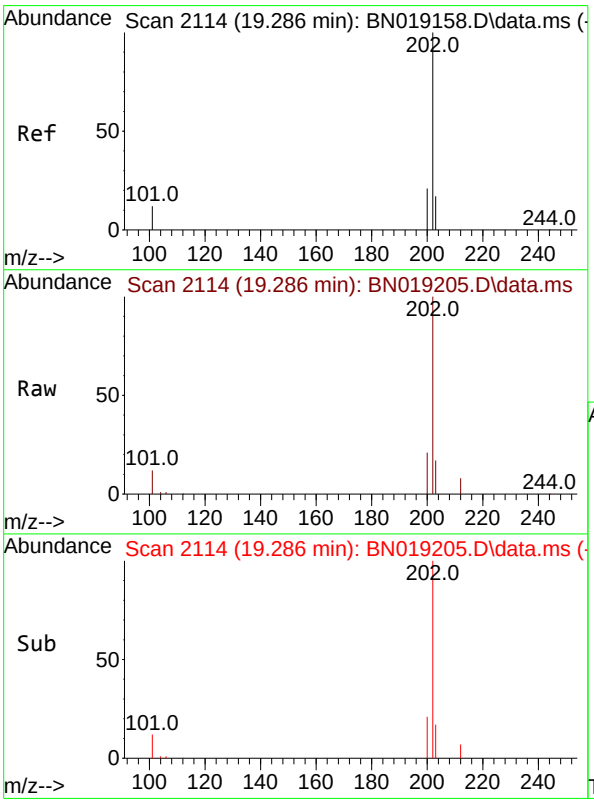
#27
Fluoranthene-d10
Concen: 0.365 ng
RT: 19.257 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN019205.D
Acq: 28 Mar 2022 21:10

Instrument :
BNA_N
ClientSampleId :
PB143644BS

Tgt Ion:212 Resp: 26446

Ion	Ratio	Lower	Upper
212	100		
106	15.5	12.7	19.1
104	8.7	7.1	10.7

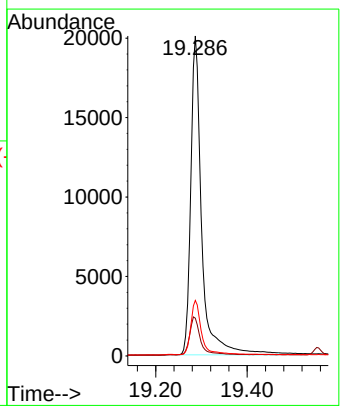


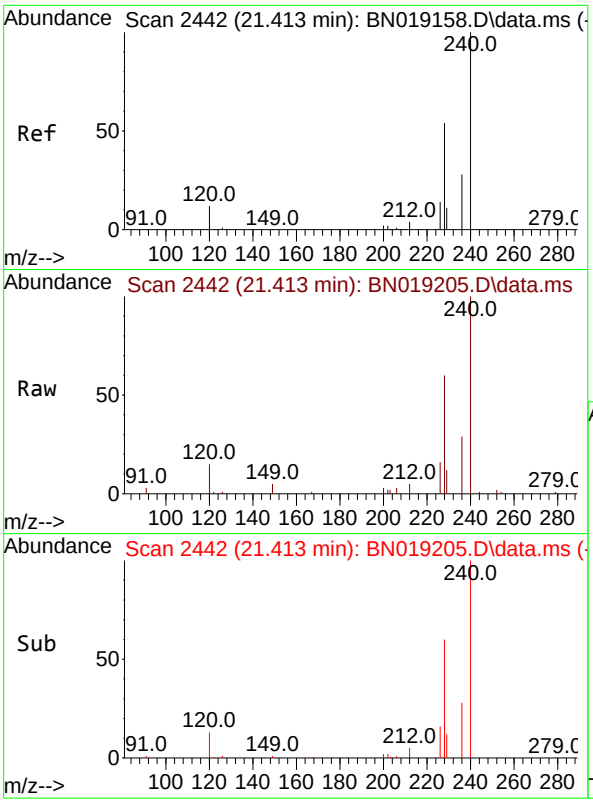


#28
Fluoranthene
Concen: 0.372 ng
RT: 19.286 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BN019205.D
Acq: 28 Mar 2022 21:10

Tgt Ion:202 Resp: 33390

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.8	14.6
203	16.5	13.7	20.5



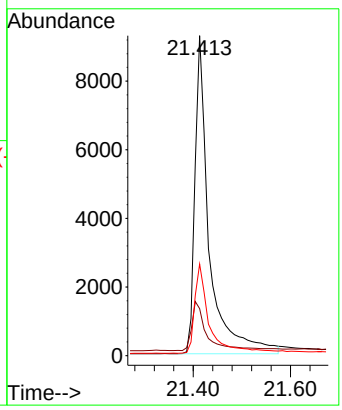


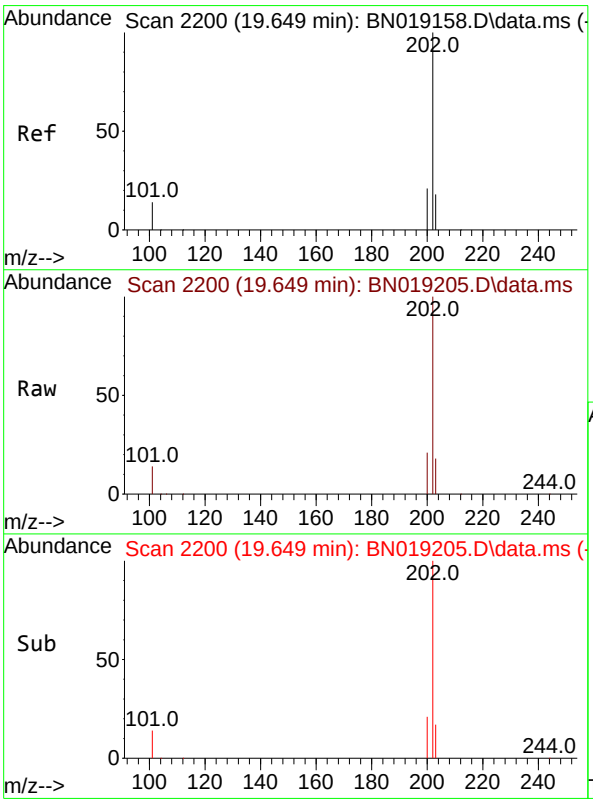
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.413 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN019205.D
Acq: 28 Mar 2022 21:10

Instrument :
BNA_N
ClientSampleId :
PB143644BS

Tgt Ion:240 Resp: 18893

Ion	Ratio	Lower	Upper
240	100		
120	14.7	8.5	12.7#
236	28.7	22.4	33.6

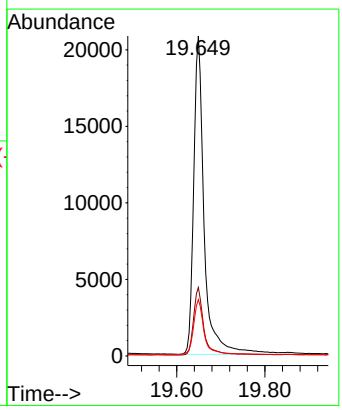


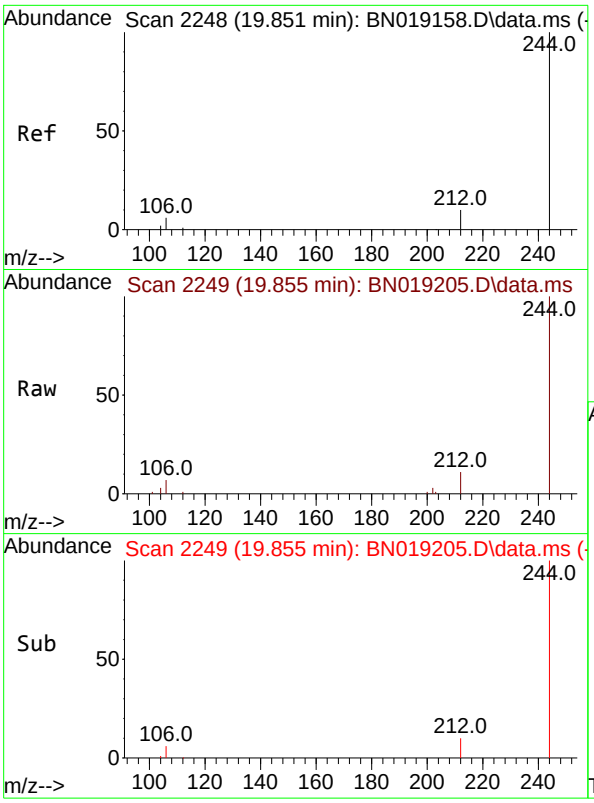


#30
Pyrene
Concen: 0.386 ng
RT: 19.649 min Scan# 2200
Delta R.T. -0.000 min
Lab File: BN019205.D
Acq: 28 Mar 2022 21:10

Tgt Ion:202 Resp: 34505

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.9	25.3
203	17.5	14.2	21.2



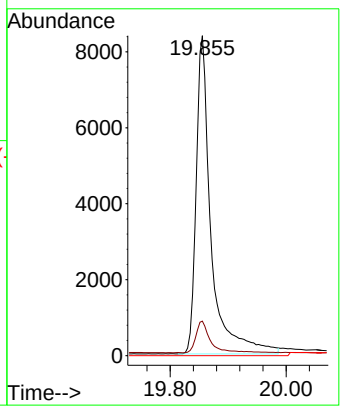


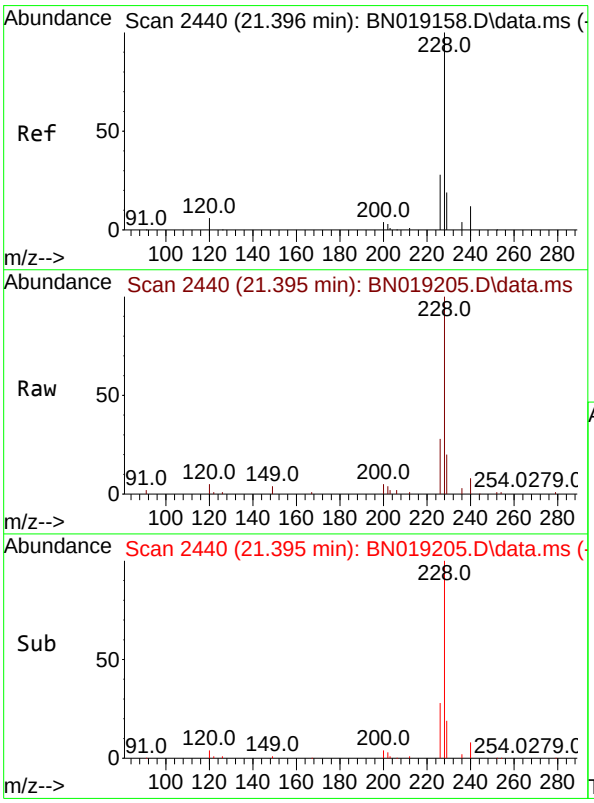
#31
Terphenyl-d14
Concen: 0.354 ng
RT: 19.855 min Scan# 2
Delta R.T. 0.004 min
Lab File: BN019205.D
Acq: 28 Mar 2022 21:10

Instrument :
BNA_N
ClientSampleId :
PB143644BS

Tgt Ion:244 Resp: 14942

Ion	Ratio	Lower	Upper
244	100		
212	10.8	8.2	12.4
122	0.0	0.0	0.0

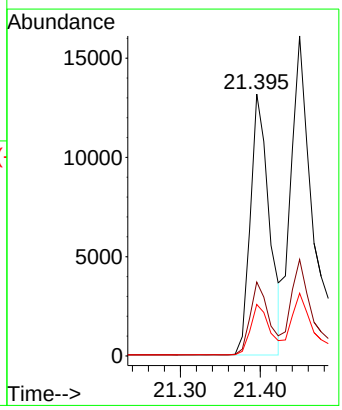


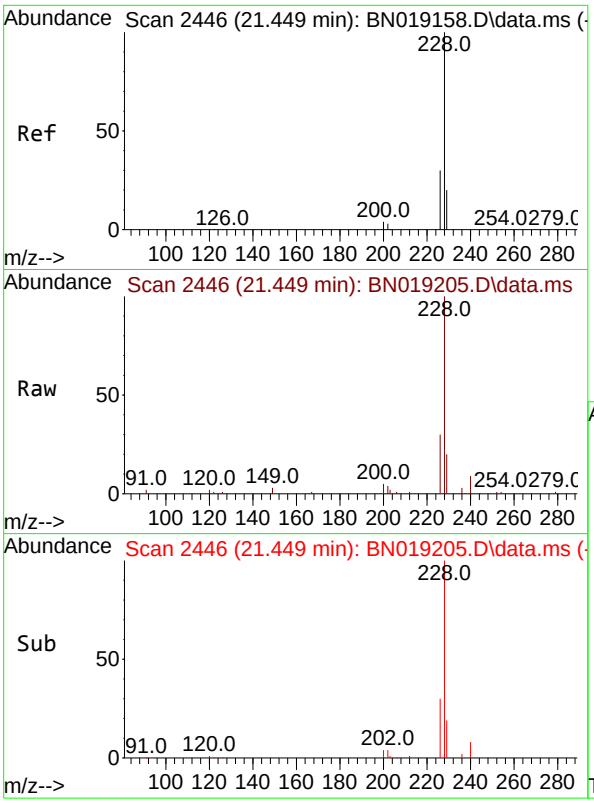


#32
Benzo(a)anthracene
Concen: 0.357 ng
RT: 21.395 min Scan# 2440
Delta R.T. -0.000 min
Lab File: BN019205.D
Acq: 28 Mar 2022 21:10

Tgt Ion:228 Resp: 21660

Ion	Ratio	Lower	Upper
228	100		
226	28.2	21.9	32.9
229	19.6	16.0	24.0



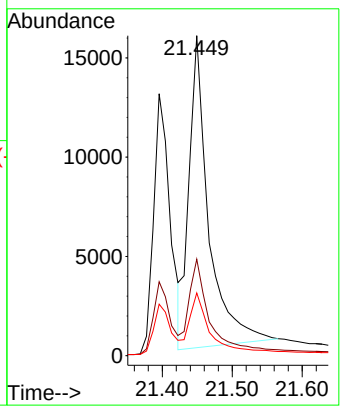


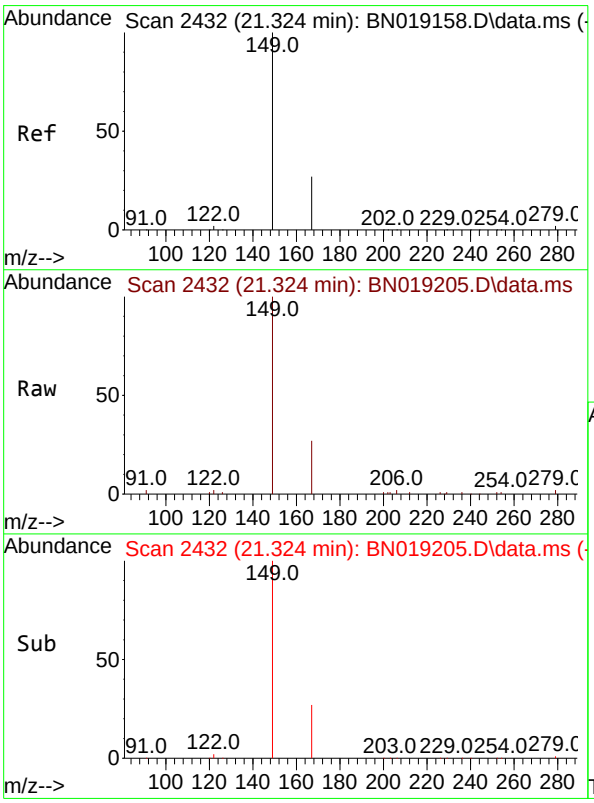
#33
Chrysene
Concen: 0.392 ng
RT: 21.449 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN019205.D
Acq: 28 Mar 2022 21:10

Instrument :
BNA_N
ClientSampleId :
PB143644BS

Tgt Ion:228 Resp: 30540

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.0	36.0
229	19.6	15.9	23.9

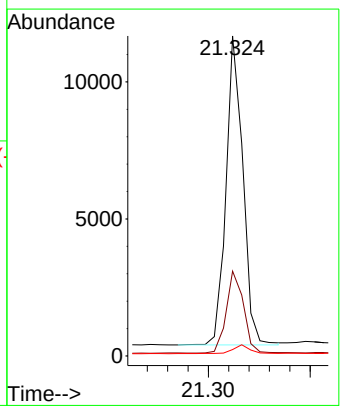


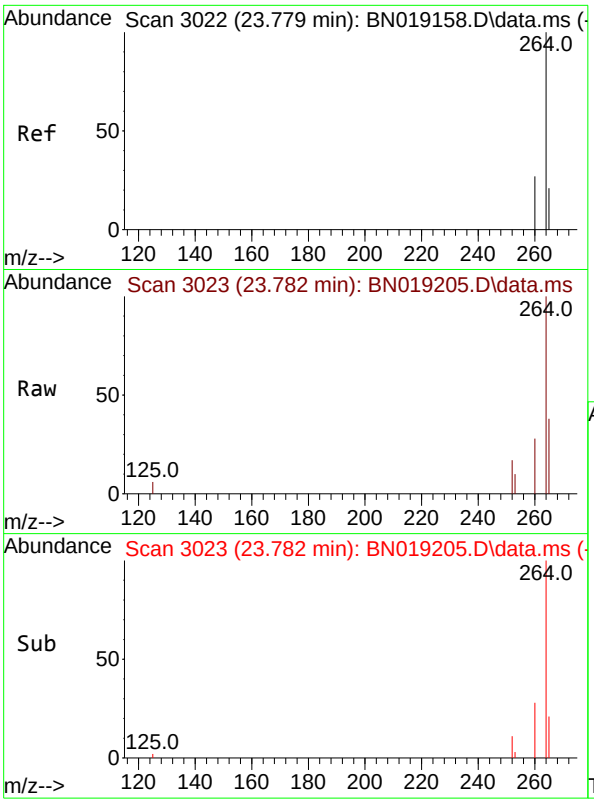


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.350 ng
RT: 21.324 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BN019205.D
Acq: 28 Mar 2022 21:10

Tgt Ion:149 Resp: 12922

Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.8	32.8
279	3.0	2.0	3.0



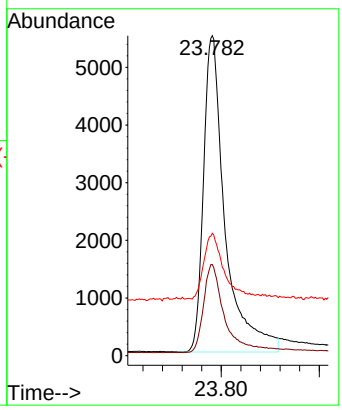


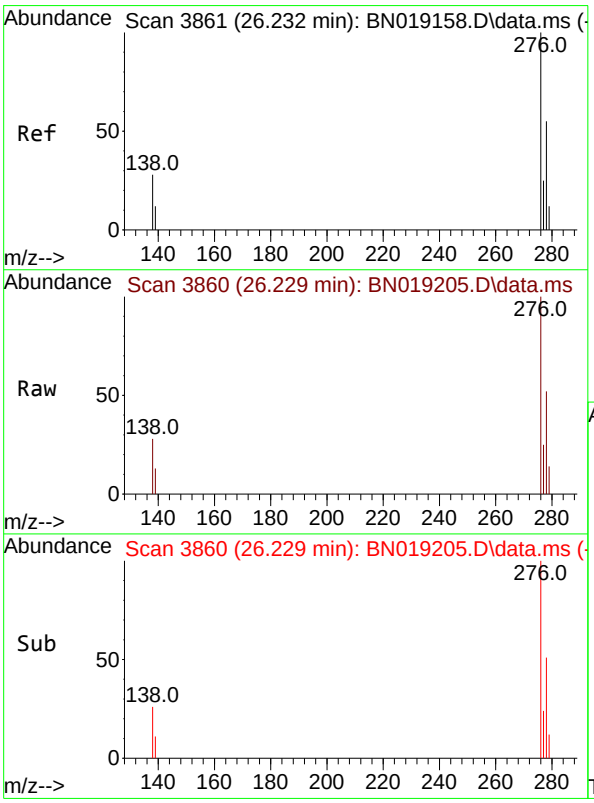
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.782 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN019205.D
Acq: 28 Mar 2022 21:10

Instrument :
BNA_N
ClientSampleId :
PB143644BS

Tgt Ion:264 Resp: 16729

Ion	Ratio	Lower	Upper
264	100		
260	28.5	22.4	33.6
265	38.3	25.3	37.9#

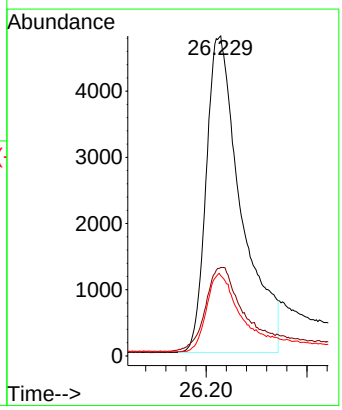


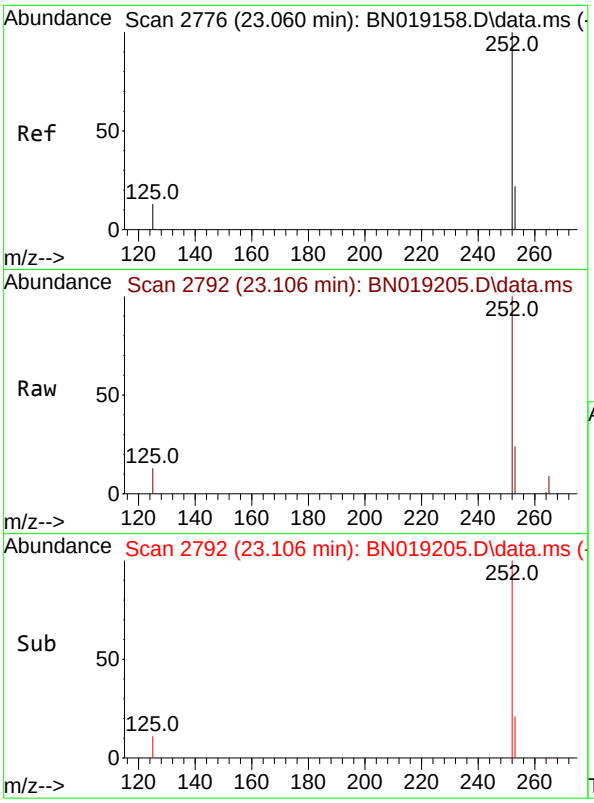


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.344 ng
RT: 26.229 min Scan# 3860
Delta R.T. -0.003 min
Lab File: BN019205.D
Acq: 28 Mar 2022 21:10

Tgt Ion:276 Resp: 23018

Ion	Ratio	Lower	Upper
276	100		
138	28.0	24.5	36.7
277	24.7	19.8	29.8



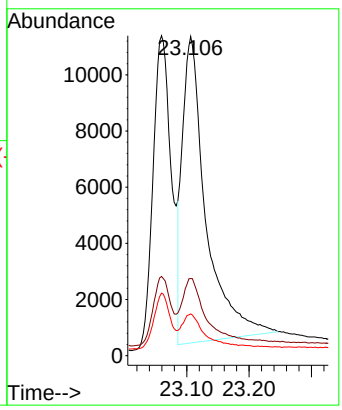


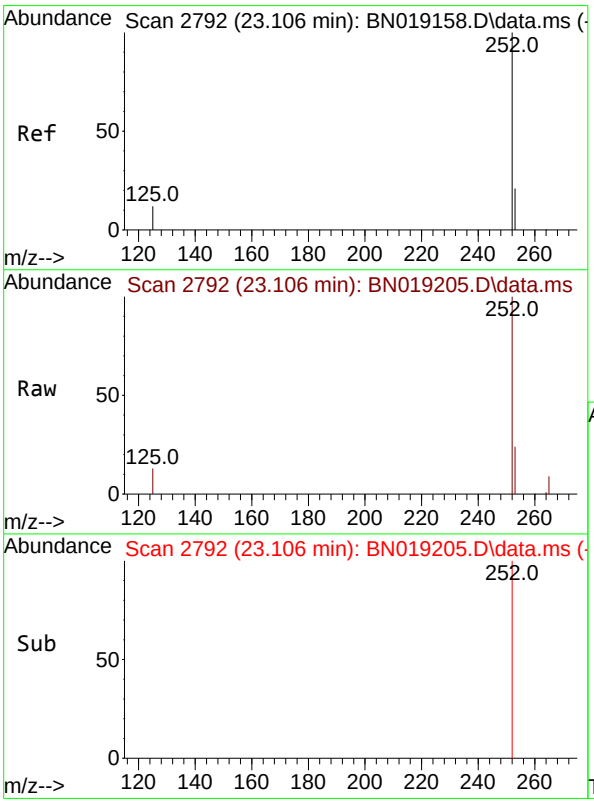
#37
Benzo(b)fluoranthene
Concen: 0.452 ng
RT: 23.106 min Scan# 2
Delta R.T. 0.047 min
Lab File: BN019205.D
Acq: 28 Mar 2022 21:10

Instrument :
BNA_N
ClientSampleId :
PB143644BS

Tgt Ion:252 Resp: 28690

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.9	28.3
125	13.1	12.1	18.1

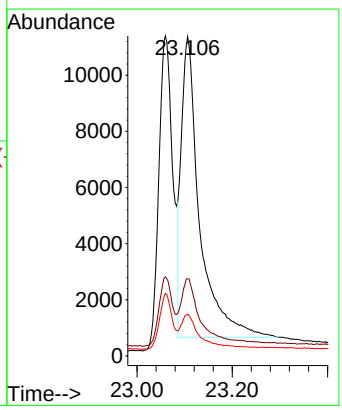


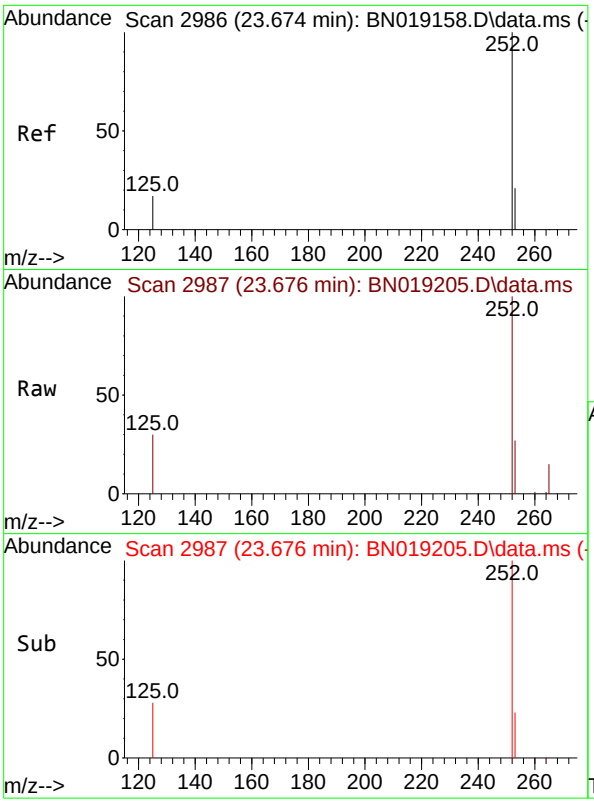


#38
Benzo(k)fluoranthene
Concen: 0.354 ng
RT: 23.106 min Scan# 2792
Delta R.T. -0.000 min
Lab File: BN019205.D
Acq: 28 Mar 2022 21:10

Tgt Ion:252 Resp: 28577

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.9	28.3
125	13.1	10.3	15.5



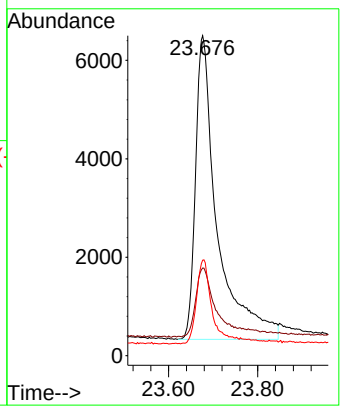


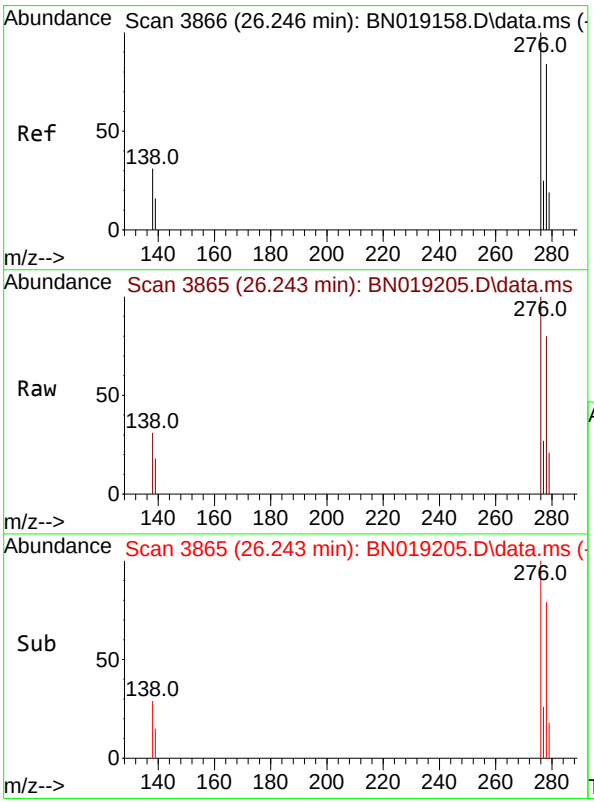
#39
Benzo(a)pyrene
Concen: 0.383 ng
RT: 23.676 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN019205.D
Acq: 28 Mar 2022 21:10

Instrument :
BNA_N
ClientSampleId :
PB143644BS

Tgt Ion:252 Resp: 20848

Ion	Ratio	Lower	Upper
252	100		
253	27.4	20.1	30.1
125	29.9	15.2	22.8#

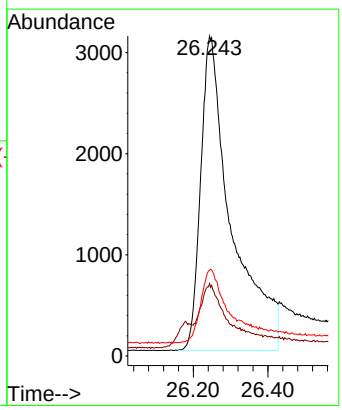


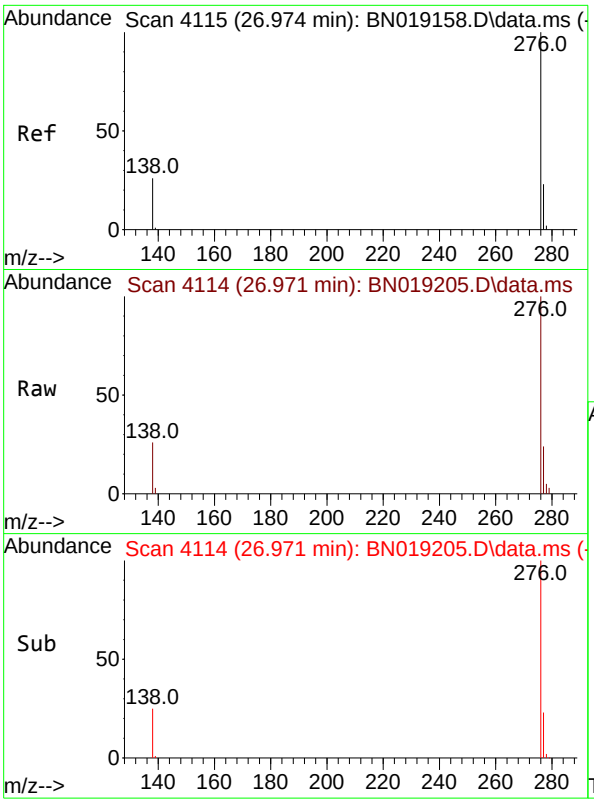


#40
Dibenzo(a,h)anthracene
Concen: 0.354 ng
RT: 26.243 min Scan# 3865
Delta R.T. -0.003 min
Lab File: BN019205.D
Acq: 28 Mar 2022 21:10

Tgt Ion:278 Resp: 17849

Ion	Ratio	Lower	Upper
278	100		
139	22.7	17.2	25.8
279	26.8	19.9	29.9





#41
Benzo(g,h,i)perylene
Concen: 0.355 ng
RT: 26.971 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN019205.D
Acq: 28 Mar 2022 21:10

Instrument :
BNA_N
ClientSampleId :
PB143644BS

Tgt Ion:276 Resp: 24442

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.4	29.0
138	26.2	21.0	31.6