Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050422\
Data File : BN019682.D
Acq On : 05 May 2022 03:07
Operator : CG/JU
Sample : N2680-02MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
B1-5-7MS

Quant Time: May 05 04:58:50 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	7.869	152	5978	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	17302	0.400	ng	# 0.01
13) Acenaphthene-d10	14.484	164	9319	0.400	ng	0.00
19) Phenanthrene-d10	17.215	188	17953	0.400	ng	0.00
29) Chrysene-d12	21.404	240	11864	0.400	ng	# 0.00
35) Perylene-d12	23.744	264	7946	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.449	112	4625	0.332	ng	0.00
5) Phenol-d6	7.031	99	5520	0.323	ng	0.00
8) Nitrobenzene-d5	9.003	82	4188	0.299	ng	0.00
11) 2-Methylnaphthalene-d10	12.238	152	9593	0.340	ng	0.00
14) 2,4,6-Tribromophenol	15.964	330	883	0.256	ng	0.00
15) 2-Fluorobiphenyl	13.116	172	12759	0.318	ng	0.01
27) Fluoranthene-d10	19.248	212	15556	0.312	ng	0.00
31) Terphenyl-d14	19.847	244	9286	0.334	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.369	88	2100	0.303	ng	# 87
3) n-Nitrosodimethylamine	3.680	42	2762	0.386	ng	# 82
6) bis(2-Chloroethyl)ether	7.291	93	6485	0.375	ng	99
9) Naphthalene	10.701	128	17842	0.360	ng	100
10) Hexachlorobutadiene	11.000	225	3329	0.349	ng	# 100
12) 2-Methylnaphthalene	12.314	142	11715	0.361	ng	99
16) Acenaphthylene	14.196	152	16166	0.360	ng	99
17) Acenaphthene	14.538	154	10818	0.350	ng	99
18) Fluorene	15.521	166	13178	0.347	ng	99
20) 4,6-Dinitro-2-methylph...	15.596	198	813	0.298	ng	# 90
21) 4-Bromophenyl-phenylether	16.415	248	4257	0.367	ng	# 81
22) Hexachlorobenzene	16.528	284	4688	0.365	ng	98
23) Atrazine	16.682	200	2238	0.302	ng	# 91
24) Pentachlorophenol	16.866	266	1834	0.381	ng	96
25) Phenanthrene	17.256	178	21542	0.362	ng	100
26) Anthracene	17.348	178	17934	0.355	ng	99
28) Fluoranthene	19.278	202	21694	0.349	ng	99
30) Pyrene	19.640	202	21158	0.431	ng	99
32) Benzo(a)anthracene	21.386	228	15913	0.378	ng	100
33) Chrysene	21.440	228	16402	0.357	ng	98
34) Bis(2-ethylhexyl)phtha...	21.324	149	10362	0.466	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.156	276	11776	0.326	ng	100
37) Benzo(b)fluoranthene	23.033	252	13358	0.407	ng	95
38) Benzo(k)fluoranthene	23.077	252	13316	0.383	ng	94
39) Benzo(a)pyrene	23.641	252	10839	0.435	ng	# 93
40) Dibenzo(a,h)anthracene	26.167	278	9952	0.338	ng	97
41) Benzo(g,h,i)perylene	26.886	276	10470	0.360	ng	100

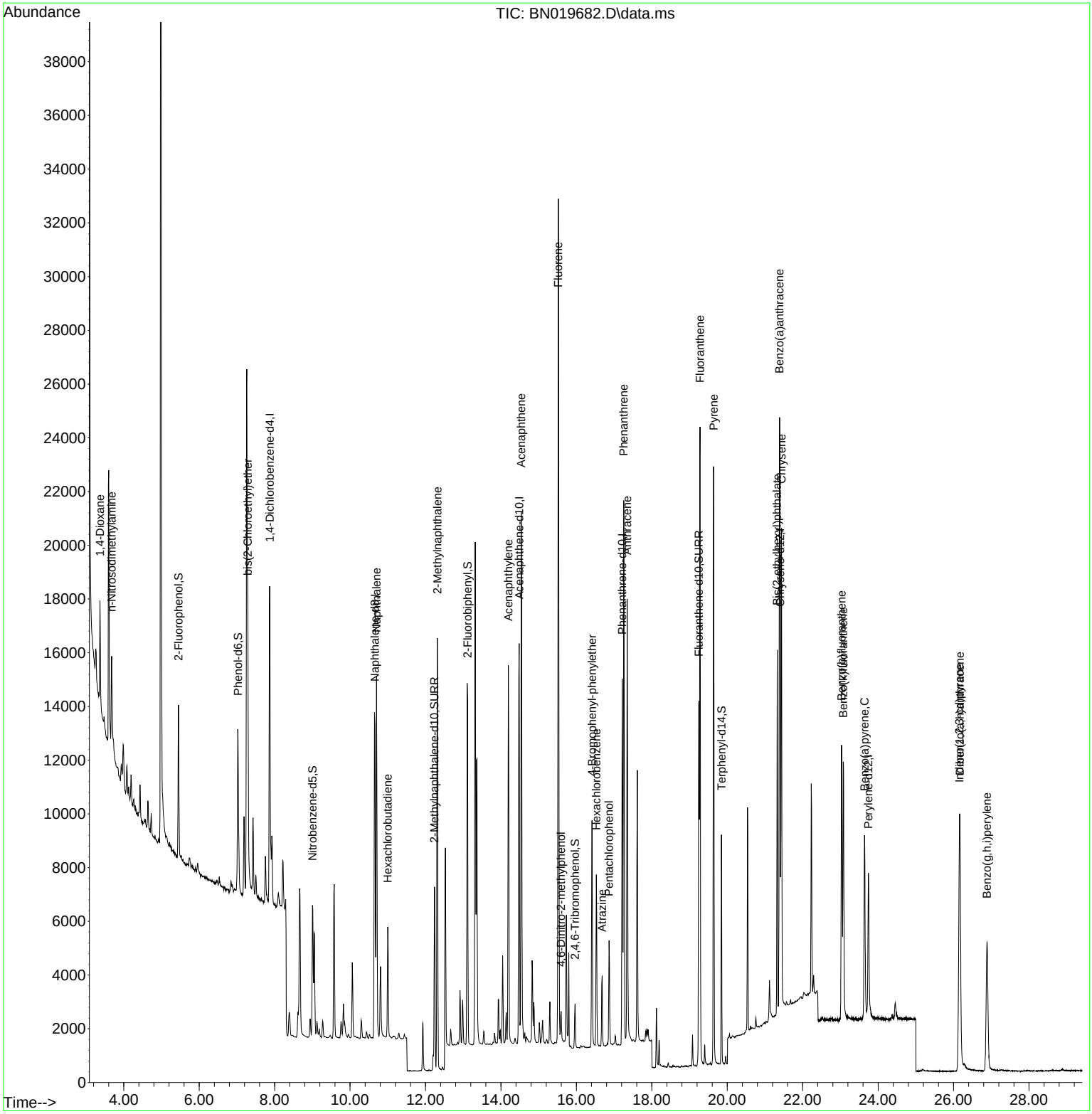
(#) = qualifier out of range (m) = manual integration (+) = signals summed

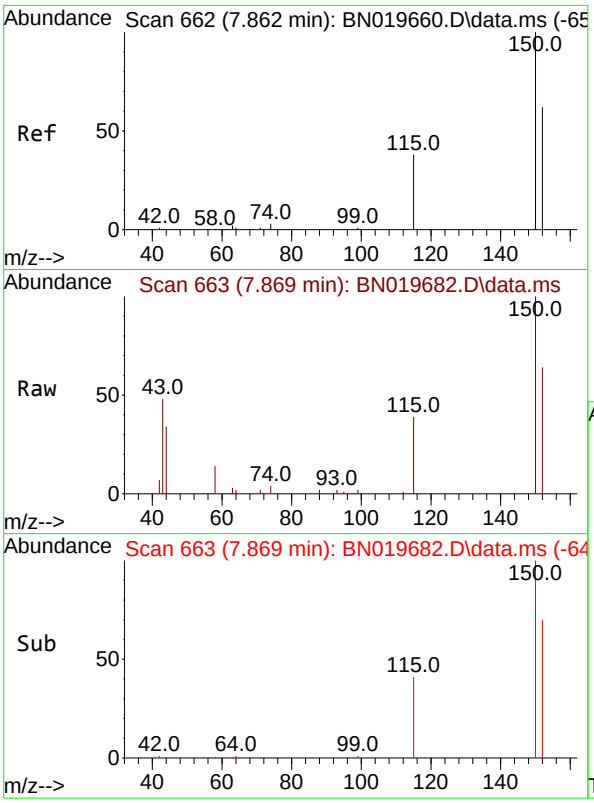
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050422\
Data File : BN019682.D
Acq On : 05 May 2022 03:07
Operator : CG/JU
Sample : N2680-02MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
B1-5-7MS

Quant Time: May 05 04:58:50 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



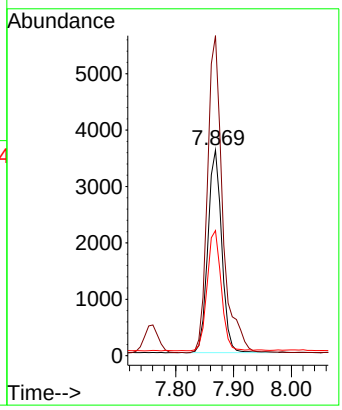


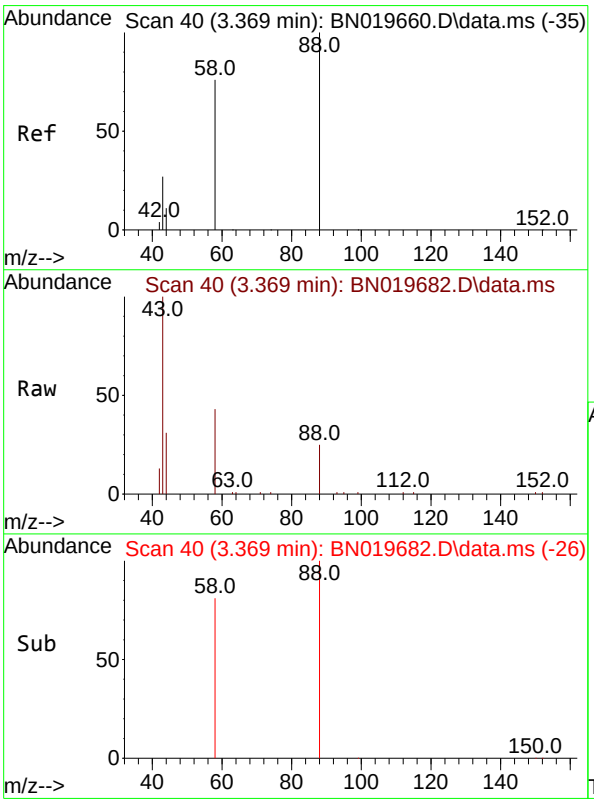
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.869 min Scan# 6
Delta R.T. 0.007 min
Lab File: BN019682.D
Acq: 05 May 2022 03:07

Instrument :
BNA_N
ClientSampleId :
B1-5-7MS

Tgt Ion:152 Resp: 5978

Ion	Ratio	Lower	Upper
152	100		
150	155.6	122.6	183.8
115	60.9	49.0	73.6

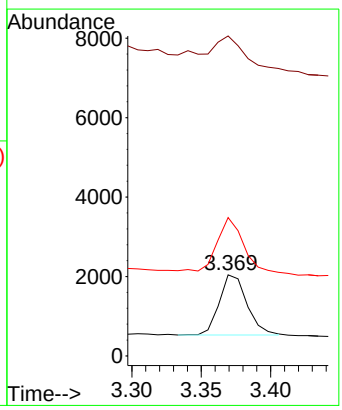


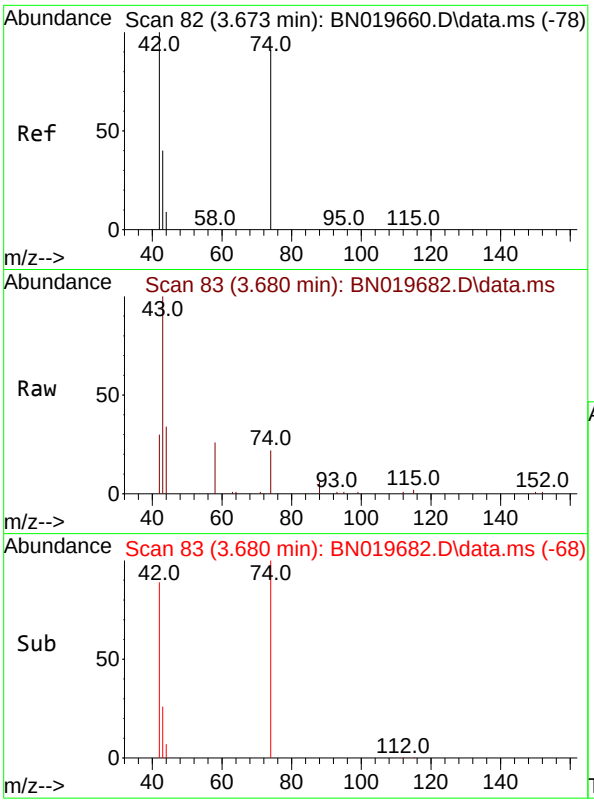


#2
1,4-Dioxane
Concen: 0.303 ng
RT: 3.369 min Scan# 40
Delta R.T. -0.000 min
Lab File: BN019682.D
Acq: 05 May 2022 03:07

Tgt Ion: 88 Resp: 2100

Ion	Ratio	Lower	Upper
88	100		
43	57.0	25.2	37.8#
58	85.3	67.6	101.4



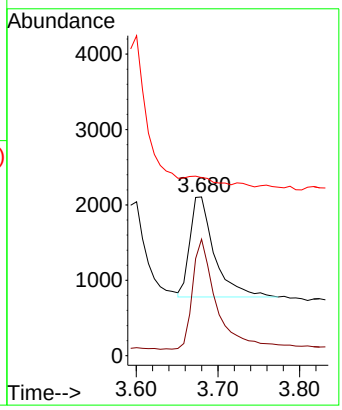


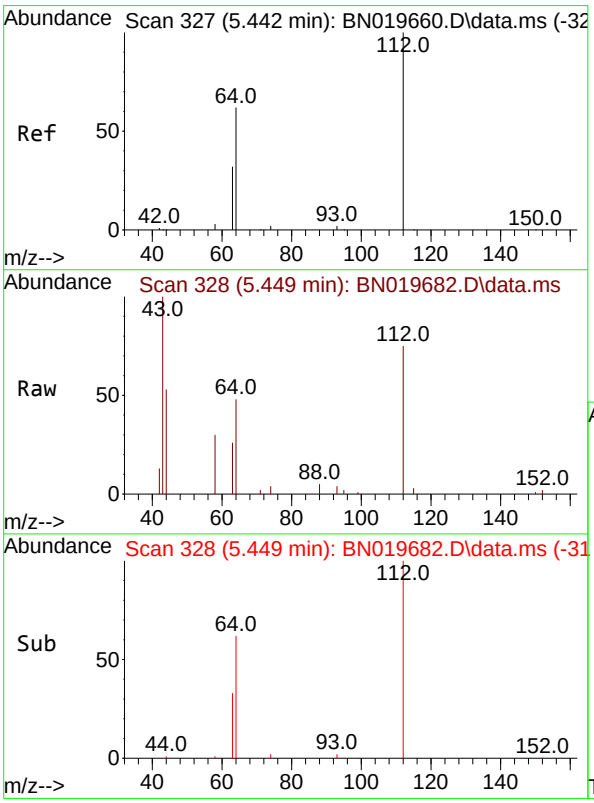
#3
n-Nitrosodimethylamine
Concen: 0.386 ng
RT: 3.680 min Scan# 8
Delta R.T. 0.007 min
Lab File: BN019682.D
Acq: 05 May 2022 03:07

Instrument :
BNA_N
ClientSampleId :
B1-5-7MS

Tgt Ion: 42 Resp: 2762

Ion	Ratio	Lower	Upper
42	100		
74	107.8	101.8	152.6
44	0.0	8.4	12.6#

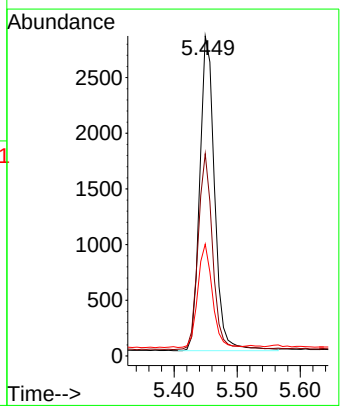


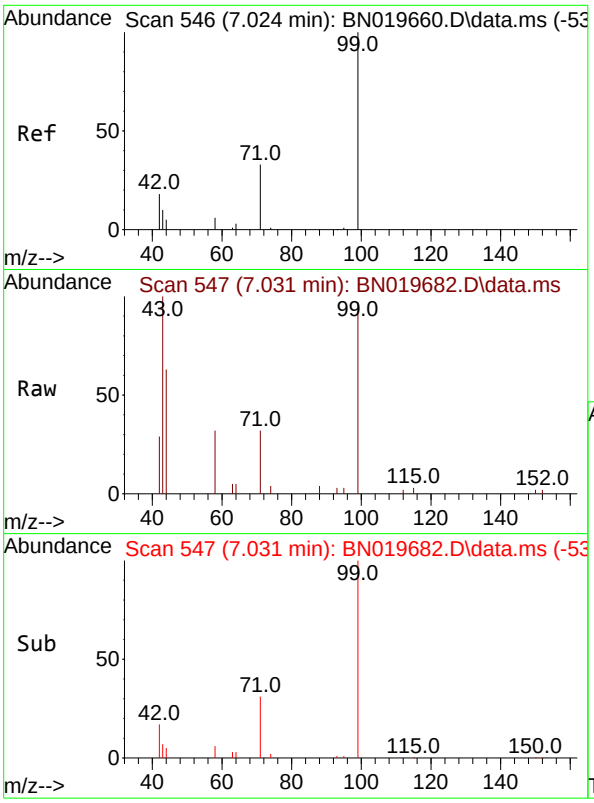


#4
2-Fluorophenol
Concen: 0.332 ng
RT: 5.449 min Scan# 328
Delta R.T. 0.007 min
Lab File: BN019682.D
Acq: 05 May 2022 03:07

Tgt Ion:112 Resp: 4625

Ion	Ratio	Lower	Upper
112	100		
64	60.8	47.3	70.9
63	32.5	24.6	36.8



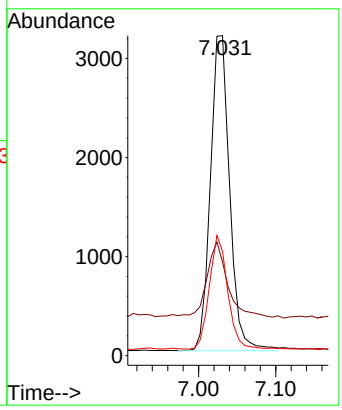


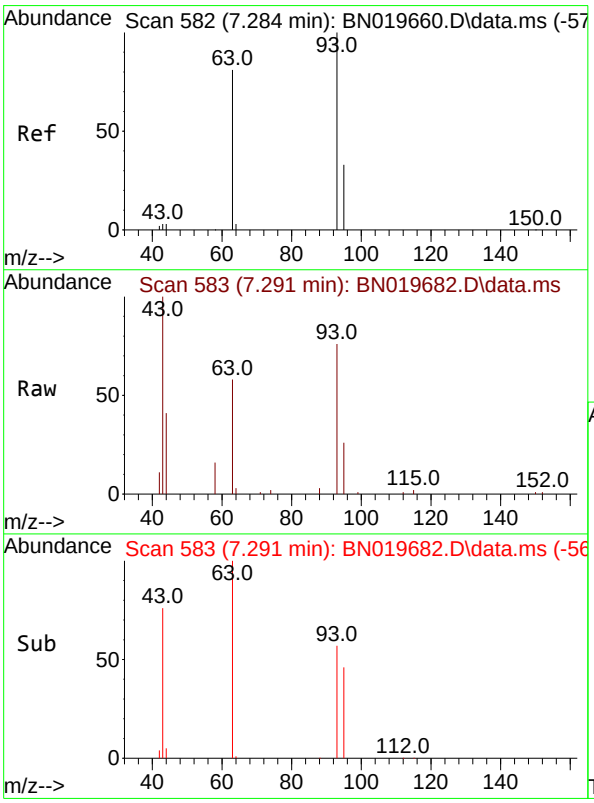
#5
Phenol-d6
Concen: 0.323 ng
RT: 7.031 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN019682.D
Acq: 05 May 2022 03:07

Instrument :
BNA_N
ClientSampleId :
B1-5-7MS

Tgt Ion: 99 Resp: 5520

Ion	Ratio	Lower	Upper
99	100		
42	25.5	15.8	23.8#
71	34.5	26.5	39.7

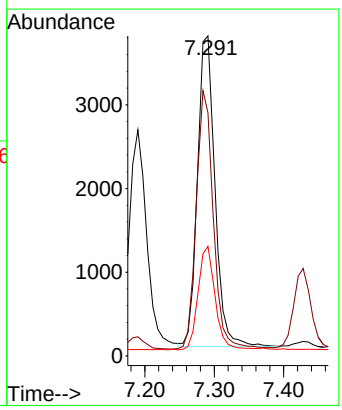


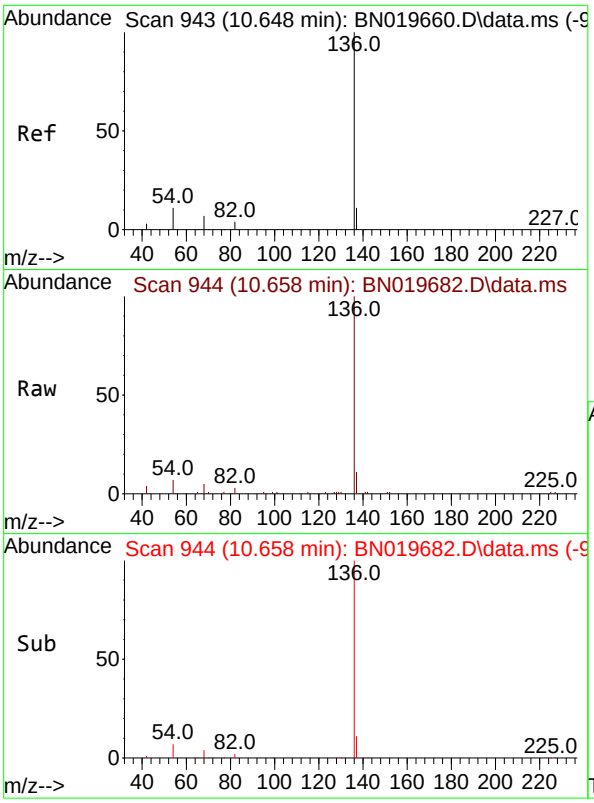


#6
bis(2-Chloroethyl)ether
Concen: 0.375 ng
RT: 7.291 min Scan# 583
Delta R.T. 0.007 min
Lab File: BN019682.D
Acq: 05 May 2022 03:07

Tgt Ion: 93 Resp: 6485

Ion	Ratio	Lower	Upper
93	100		
63	81.9	65.8	98.8
95	33.2	27.4	41.2



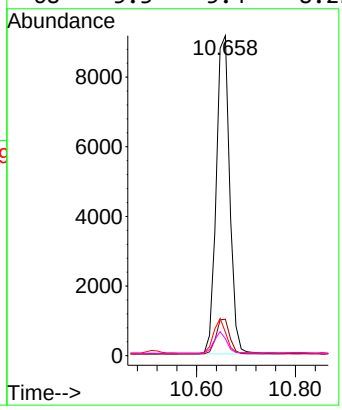


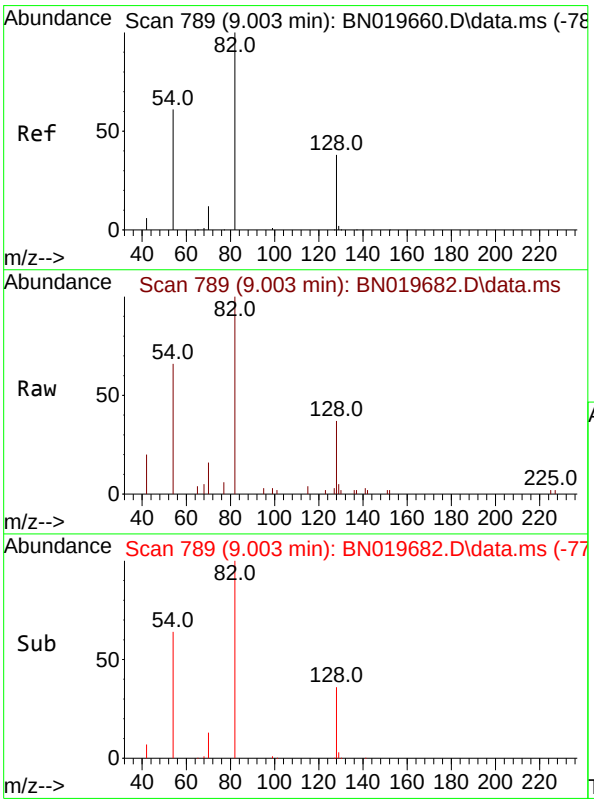
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 94
Delta R.T. 0.011 min
Lab File: BN019682.D
Acq: 05 May 2022 03:07

Instrument :
BNA_N
ClientSampleId :
B1-5-7MS

Tgt Ion:136 Resp: 17302

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	7.4	7.8	11.6#
68	5.3	5.4	8.2#

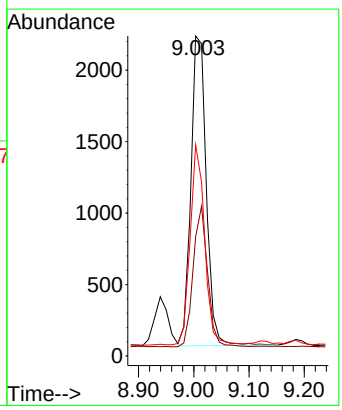


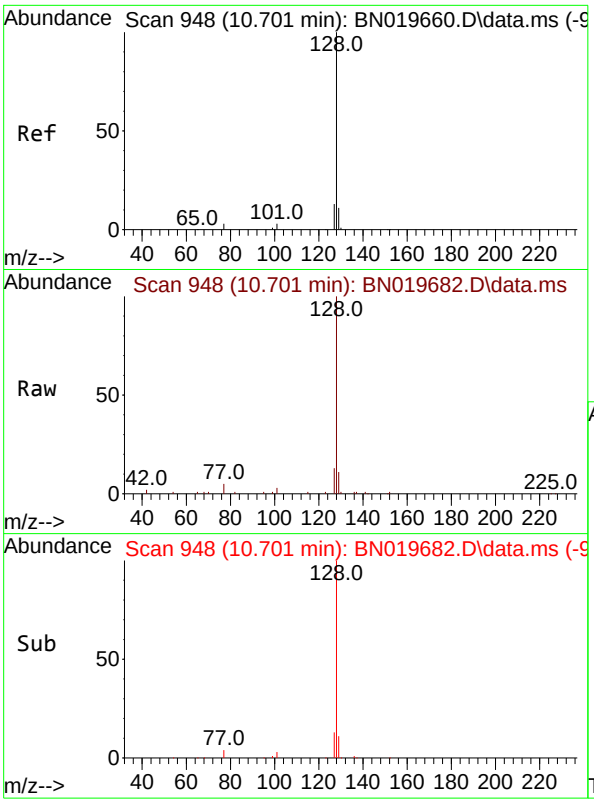


#8
Nitrobenzene-d5
Concen: 0.299 ng
RT: 9.003 min Scan# 789
Delta R.T. -0.000 min
Lab File: BN019682.D
Acq: 05 May 2022 03:07

Tgt Ion: 82 Resp: 4188

Ion	Ratio	Lower	Upper
82	100		
128	37.2	32.4	48.6
54	66.0	44.4	66.6



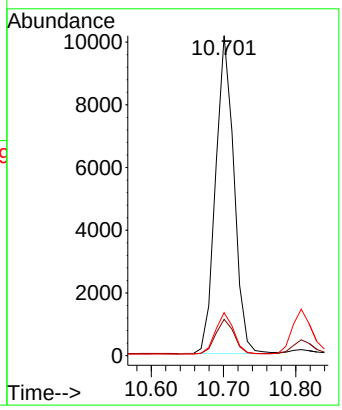


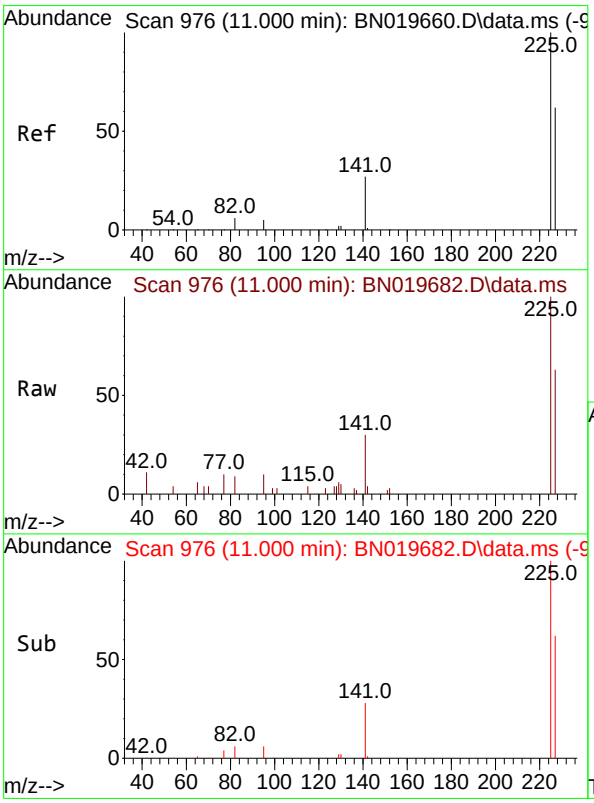
#9
Naphthalene
Concen: 0.360 ng
RT: 10.701 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN019682.D
Acq: 05 May 2022 03:07

Instrument :
BNA_N
ClientSampleId :
B1-5-7MS

Tgt Ion:128 Resp: 17842

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

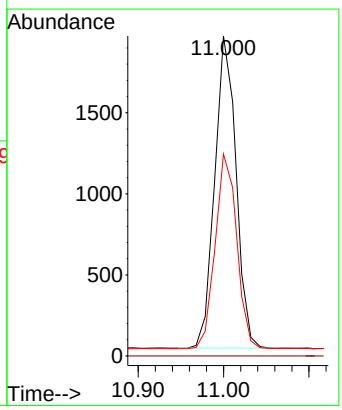


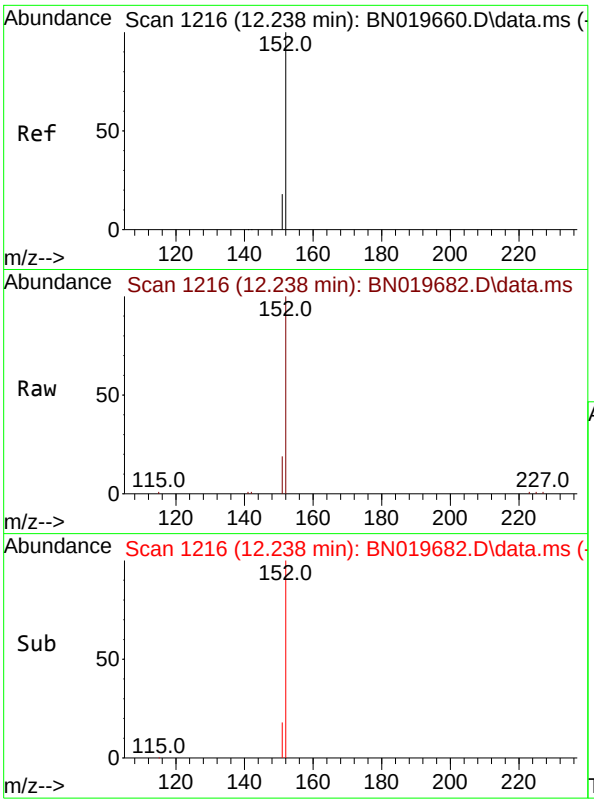


#10
Hexachlorobutadiene
Concen: 0.349 ng
RT: 11.000 min Scan# 976
Delta R.T. -0.000 min
Lab File: BN019682.D
Acq: 05 May 2022 03:07

Tgt Ion:225 Resp: 3329

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.1	50.8	76.2



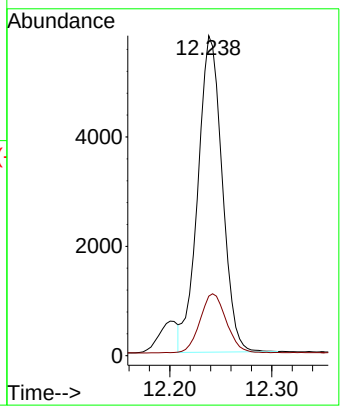


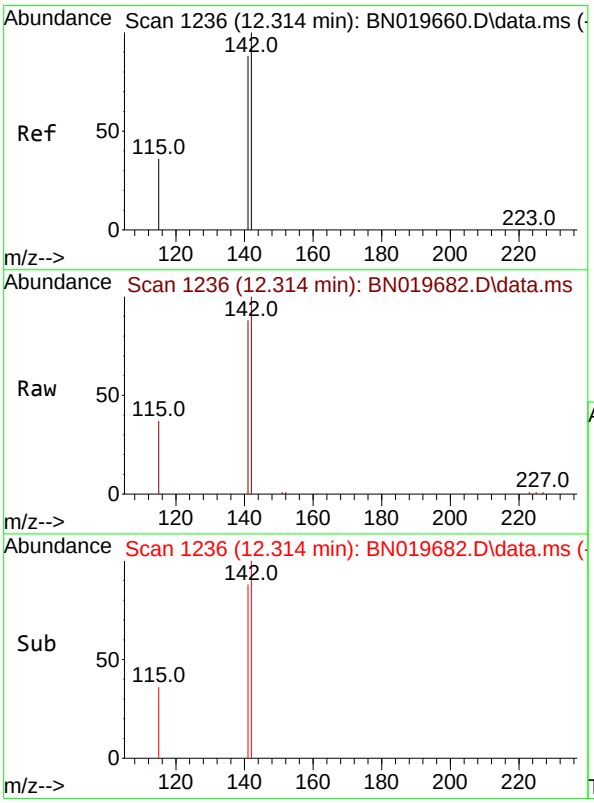
#11
2-Methylnaphthalene-d10
Concen: 0.340 ng
RT: 12.238 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019682.D
Acq: 05 May 2022 03:07

Instrument :
BNA_N
ClientSampleId :
B1-5-7MS

Tgt Ion:152 Resp: 9593

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.4

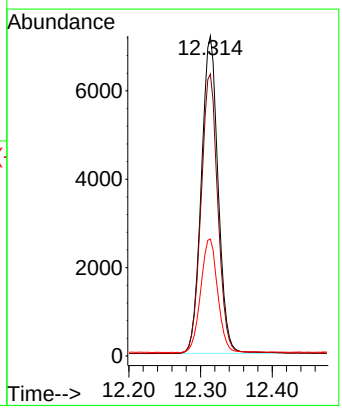


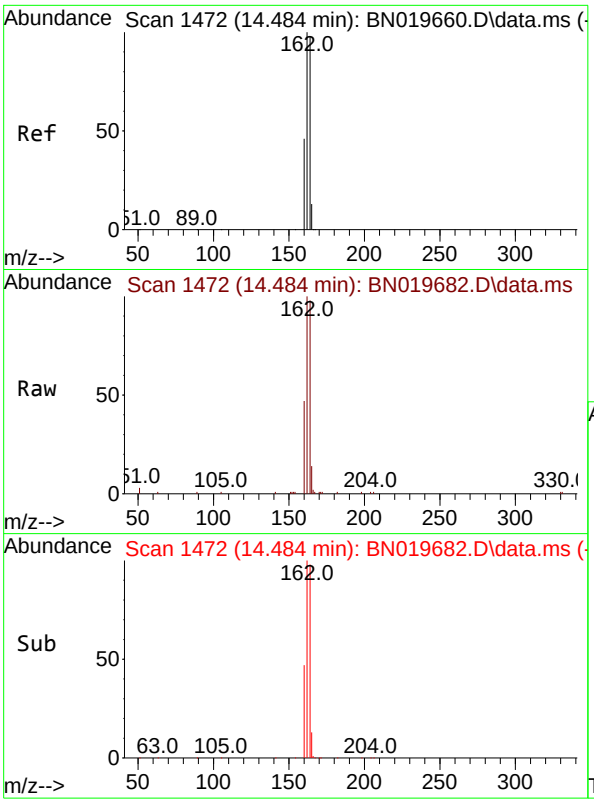


#12
2-Methylnaphthalene
Concen: 0.361 ng
RT: 12.314 min Scan# 1236
Delta R.T. -0.000 min
Lab File: BN019682.D
Acq: 05 May 2022 03:07

Tgt Ion:142 Resp: 11715

Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.0	106.6
115	36.5	29.6	44.4



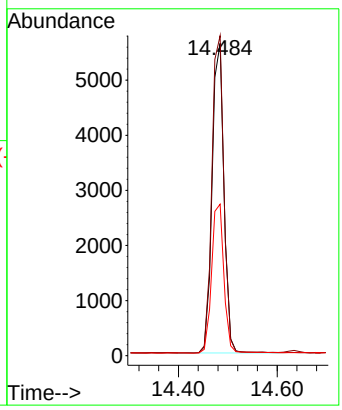


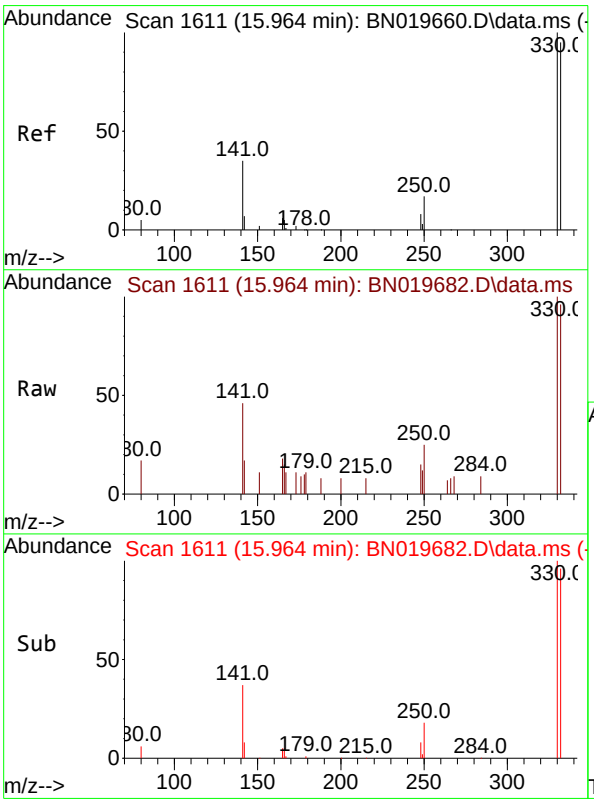
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN019682.D
Acq: 05 May 2022 03:07

Instrument :
BNA_N
ClientSampleId :
B1-5-7MS

Tgt Ion:164 Resp: 9319

Ion	Ratio	Lower	Upper
164	100		
162	102.5	81.8	122.6
160	48.5	38.3	57.5

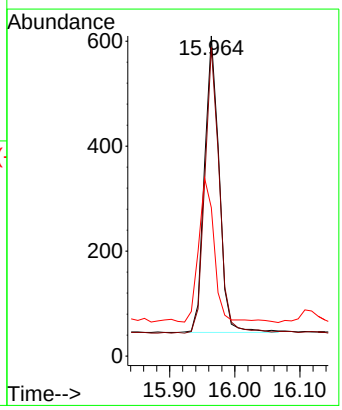


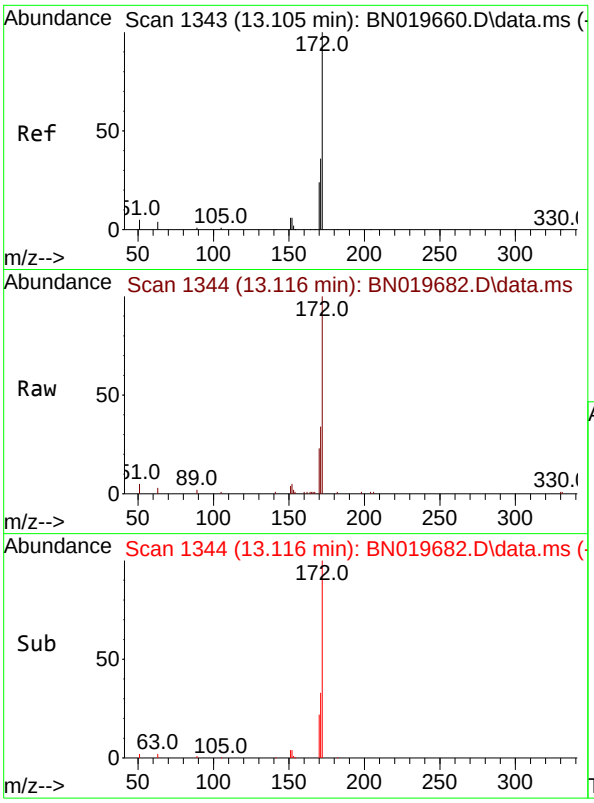


#14
2,4,6-Tribromophenol
Concen: 0.256 ng
RT: 15.964 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BN019682.D
Acq: 05 May 2022 03:07

Tgt Ion:330 Resp: 883

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.2	114.4
141	52.4	39.7	59.5



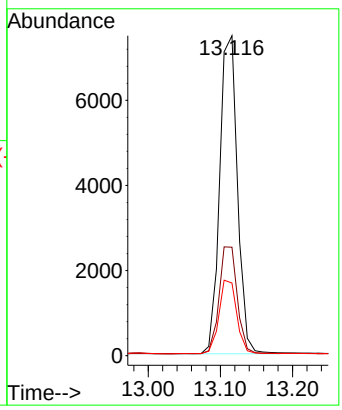


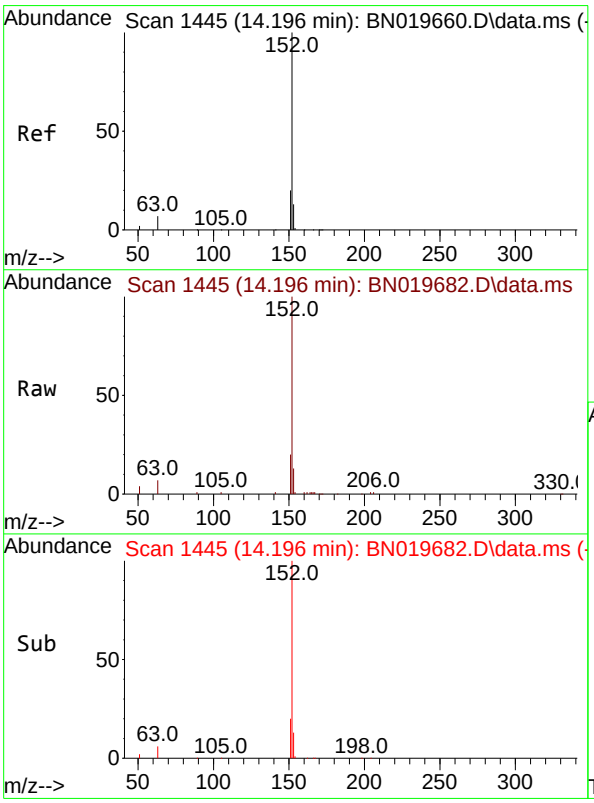
#15
2-Fluorobiphenyl
Concen: 0.318 ng
RT: 13.116 min Scan# 1
Delta R.T. 0.011 min
Lab File: BN019682.D
Acq: 05 May 2022 03:07

Instrument :
BNA_N
ClientSampleId :
B1-5-7MS

Tgt Ion:172 Resp: 12759

Ion	Ratio	Lower	Upper
172	100		
171	33.9	28.0	42.0
170	22.7	19.0	28.4

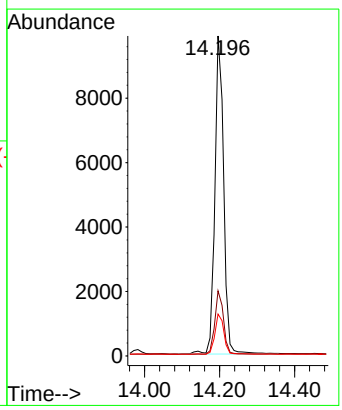


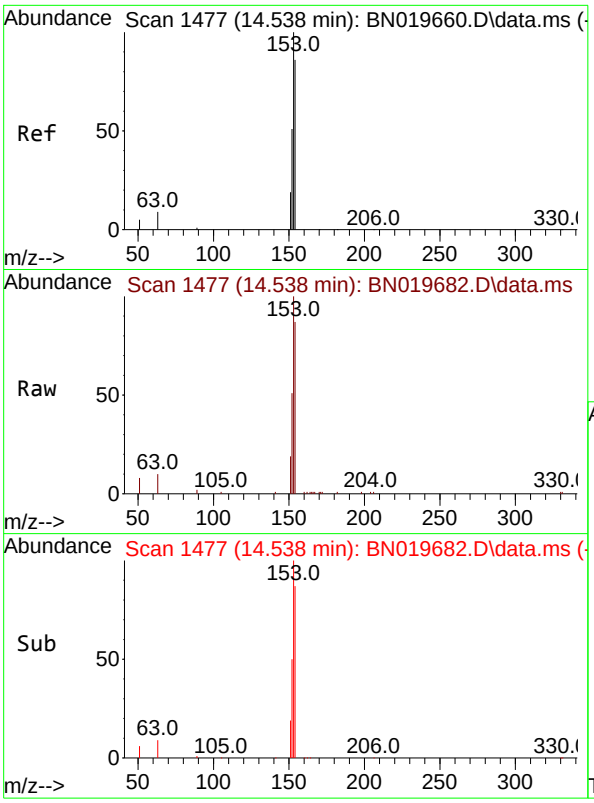


#16
Acenaphthylene
Concen: 0.360 ng
RT: 14.196 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BN019682.D
Acq: 05 May 2022 03:07

Tgt Ion:152 Resp: 16166

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.2	24.4
153	12.9	10.5	15.7



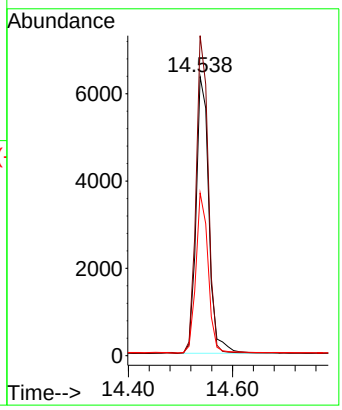


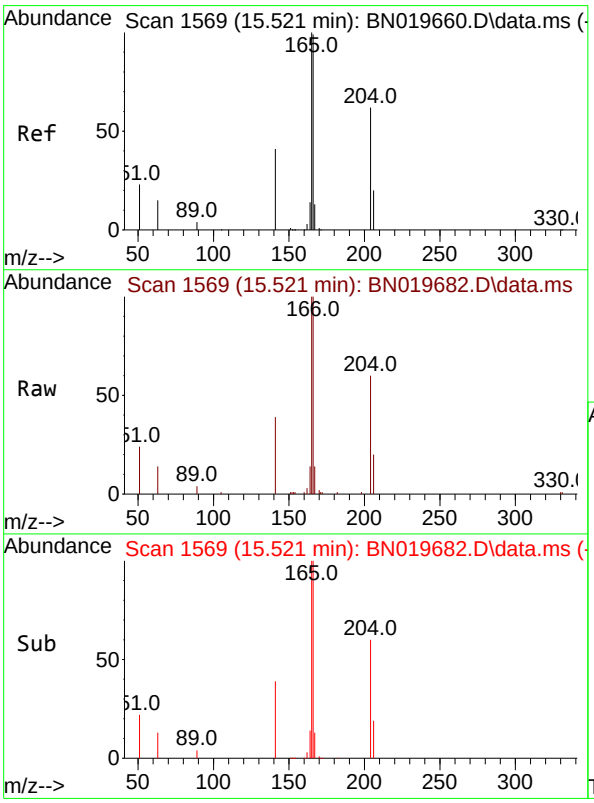
#17
Acenaphthene
Concen: 0.350 ng
RT: 14.538 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN019682.D
Acq: 05 May 2022 03:07

Instrument :
BNA_N
ClientSampleId :
B1-5-7MS

Tgt Ion:154 Resp: 10818

Ion	Ratio	Lower	Upper
154	100		
153	109.4	89.3	133.9
152	55.2	44.1	66.1

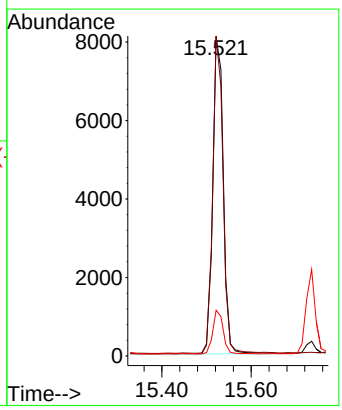


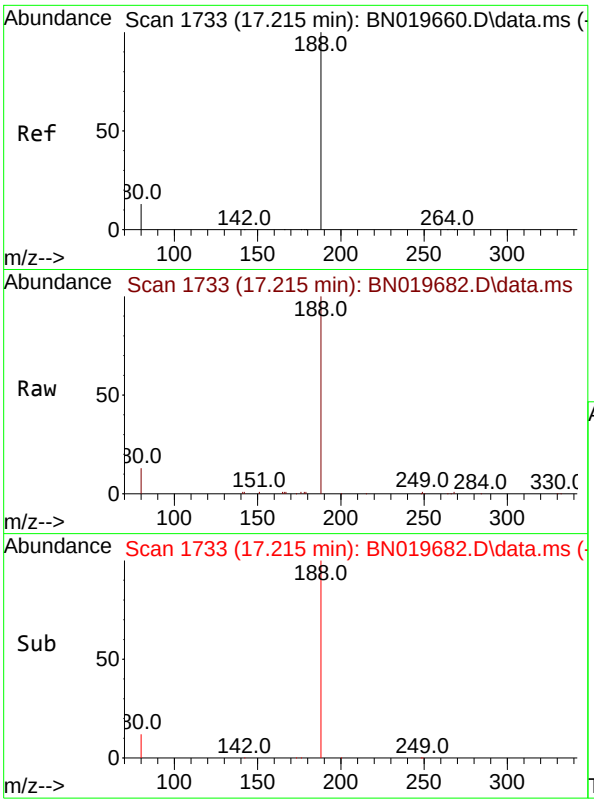


#18
Fluorene
Concen: 0.347 ng
RT: 15.521 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BN019682.D
Acq: 05 May 2022 03:07

Tgt Ion:166 Resp: 13178

Ion	Ratio	Lower	Upper
166	100		
165	97.8	79.1	118.7
167	13.5	10.7	16.1



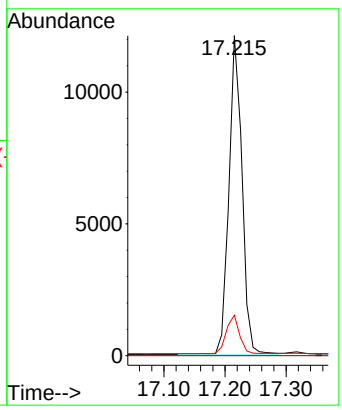


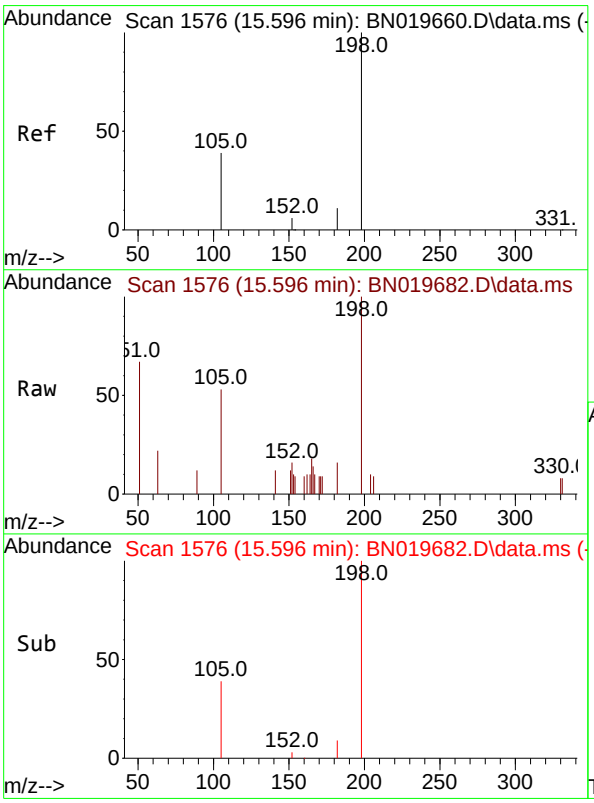
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.215 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019682.D
Acq: 05 May 2022 03:07

Instrument :
BNA_N
ClientSampleId :
B1-5-7MS

Tgt Ion:188 Resp: 17953

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.7	8.6	12.8

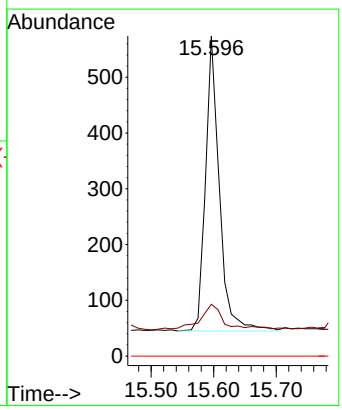


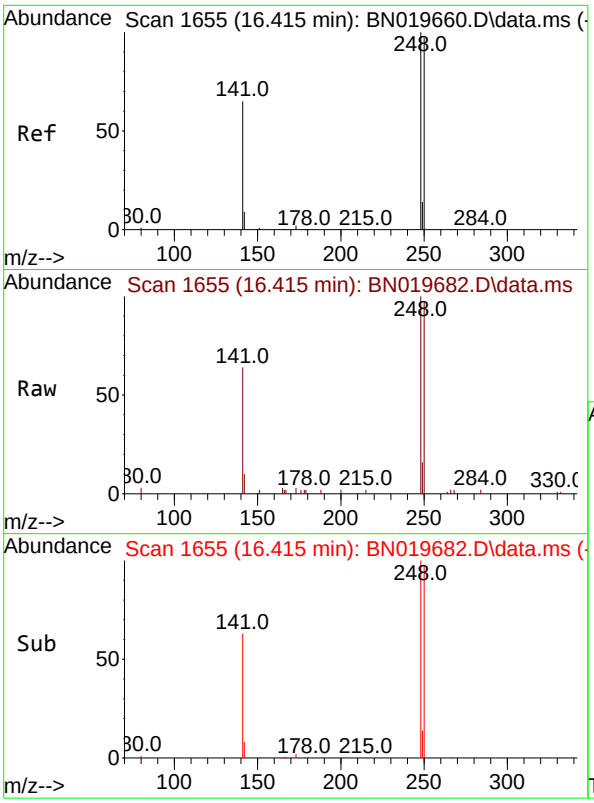


#20
4,6-Dinitro-2-methylphenol
Concen: 0.298 ng
RT: 15.596 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BN019682.D
Acq: 05 May 2022 03:07

Tgt Ion:198 Resp: 813

Ion	Ratio	Lower	Upper
198	100		
182	16.2	16.9	25.3#
77	0.0	0.0	0.0



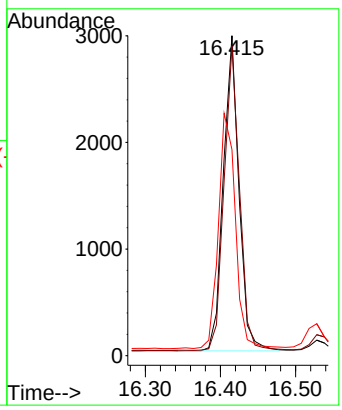


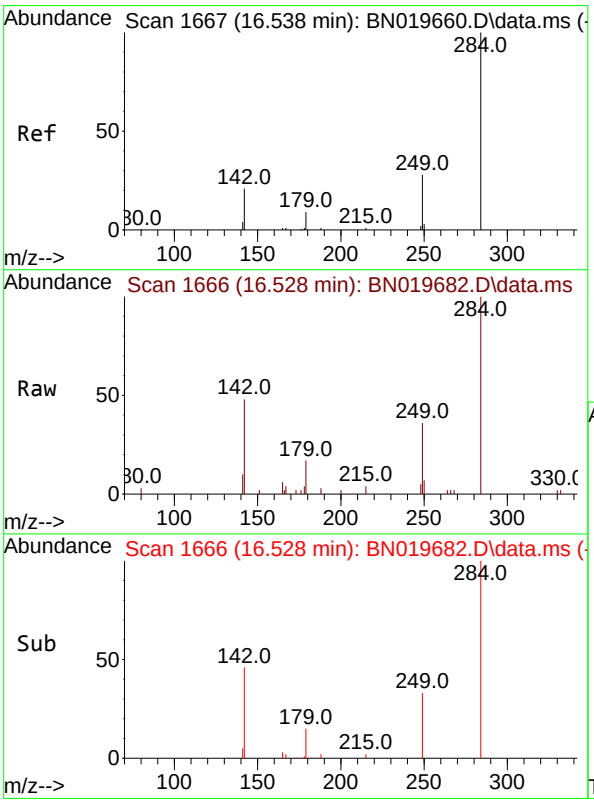
#21
4-Bromophenyl-phenylether
Concen: 0.367 ng
RT: 16.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019682.D
Acq: 05 May 2022 03:07

Instrument :
BNA_N
ClientSampleId :
B1-5-7MS

Tgt Ion:248 Resp: 4257

Ion	Ratio	Lower	Upper
248	100		
250	96.7	75.5	113.3
141	64.4	79.9	119.9#

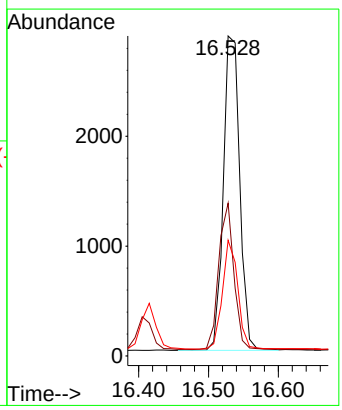


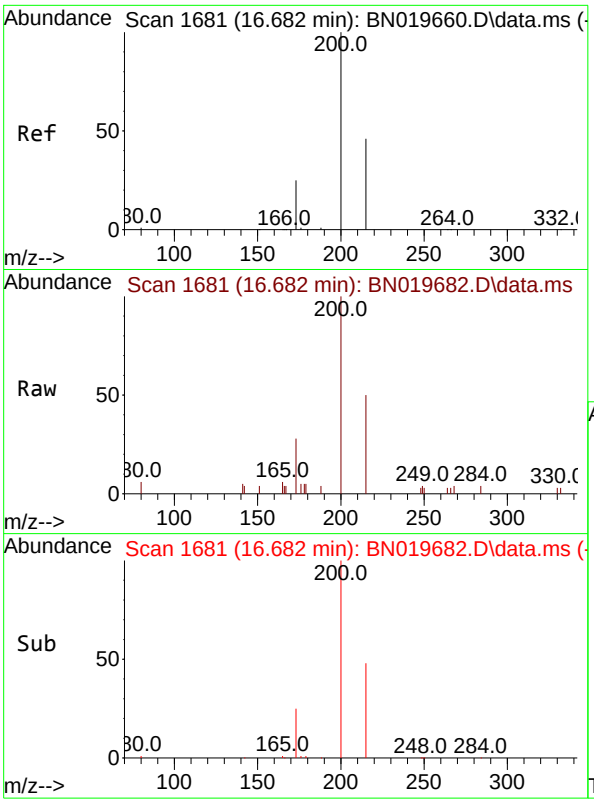


#22
Hexachlorobenzene
Concen: 0.365 ng
RT: 16.528 min Scan# 1666
Delta R.T. -0.010 min
Lab File: BN019682.D
Acq: 05 May 2022 03:07

Tgt Ion:284 Resp: 4688

Ion	Ratio	Lower	Upper
284	100		
142	43.0	33.2	49.8
249	32.4	26.4	39.6



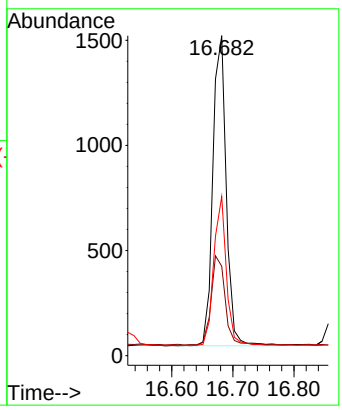


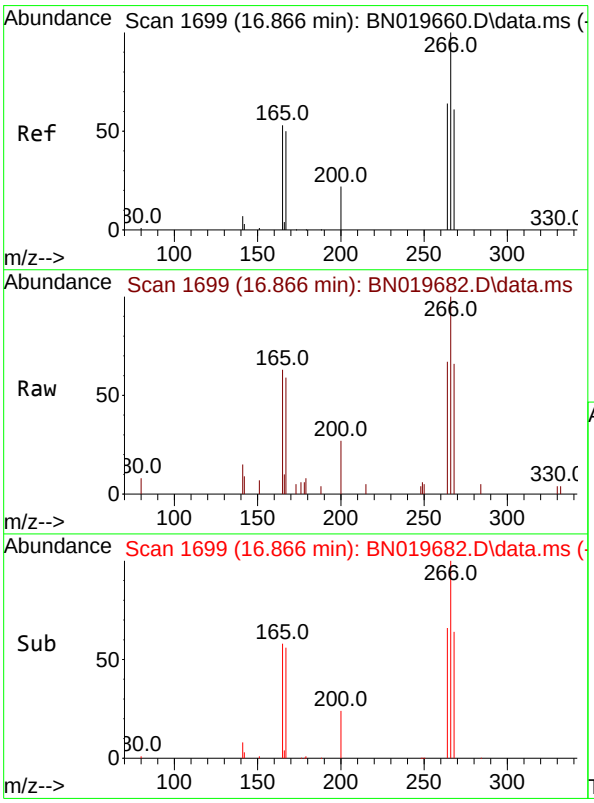
#23
Atrazine
Concen: 0.302 ng
RT: 16.682 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN019682.D
Acq: 05 May 2022 03:07

Instrument :
BNA_N
ClientSampleId :
B1-5-7MS

Tgt Ion:200 Resp: 2238

Ion	Ratio	Lower	Upper
200	100		
173	27.9	28.5	42.7#
215	49.7	37.0	55.4

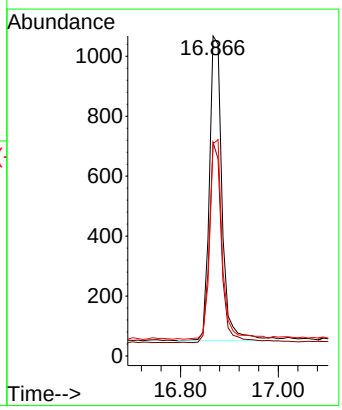


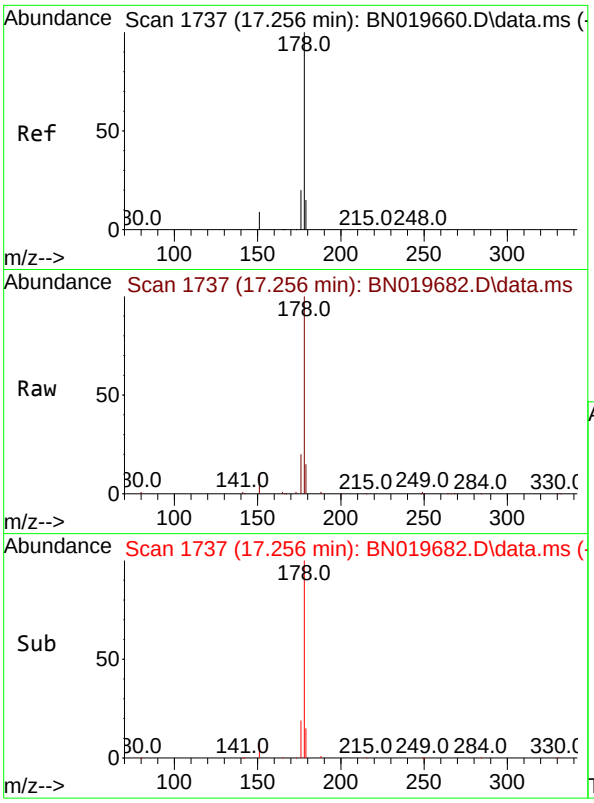


#24
Pentachlorophenol
Concen: 0.381 ng
RT: 16.866 min Scan# 1699
Delta R.T. -0.000 min
Lab File: BN019682.D
Acq: 05 May 2022 03:07

Tgt Ion:266 Resp: 1834

Ion	Ratio	Lower	Upper
266	100		
264	63.8	48.0	72.0
268	64.5	54.2	81.2



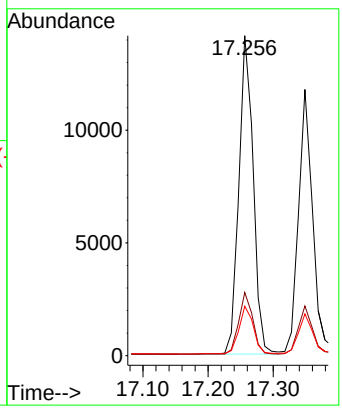


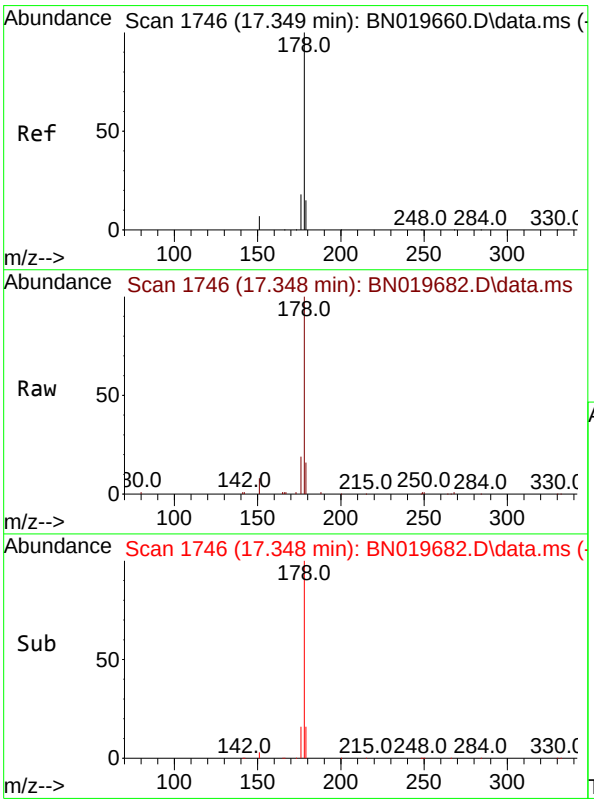
#25
Phenanthrene
Concen: 0.362 ng
RT: 17.256 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019682.D
Acq: 05 May 2022 03:07

Instrument :
BNA_N
ClientSampleId :
B1-5-7MS

Tgt Ion:178 Resp: 21542

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.2	12.1	18.1

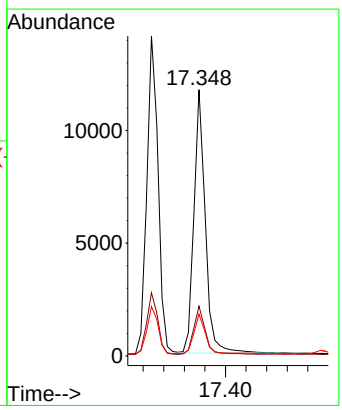


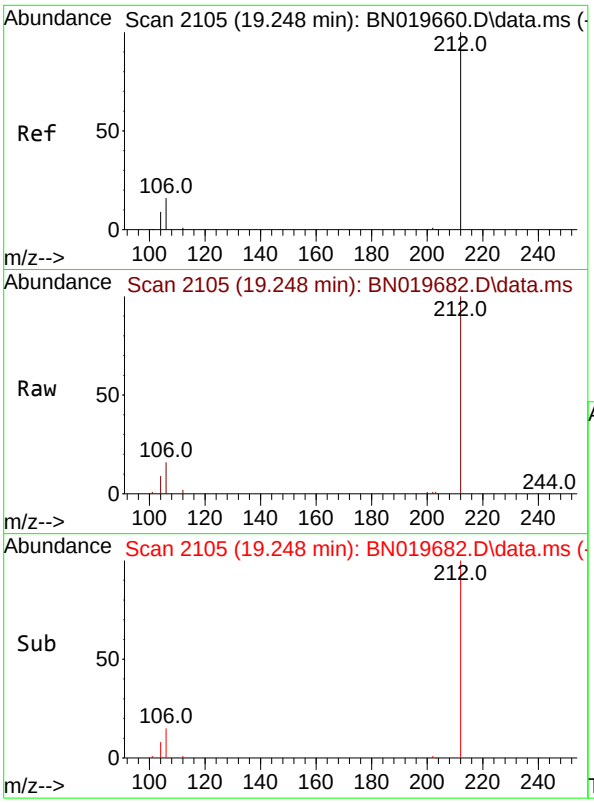


#26
Anthracene
Concen: 0.355 ng
RT: 17.348 min Scan# 1746
Delta R.T. -0.000 min
Lab File: BN019682.D
Acq: 05 May 2022 03:07

Tgt Ion:178 Resp: 17934

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.3	21.5
179	15.2	12.2	18.4



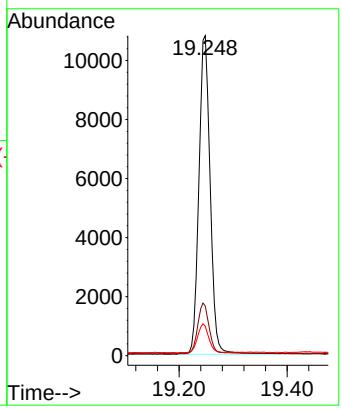


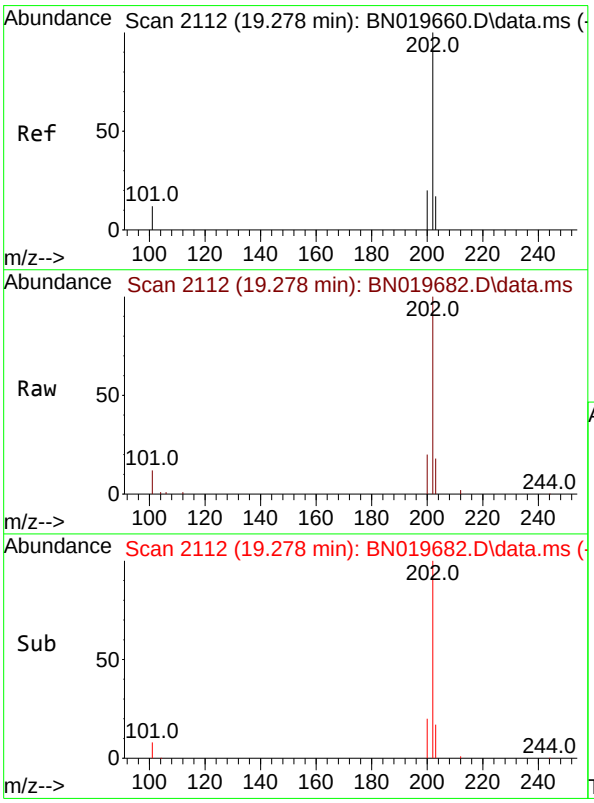
#27
Fluoranthene-d10
Concen: 0.312 ng
RT: 19.248 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN019682.D
Acq: 05 May 2022 03:07

Instrument :
BNA_N
ClientSampleId :
B1-5-7MS

Tgt Ion:212 Resp: 15556

Ion	Ratio	Lower	Upper
212	100		
106	15.9	13.5	20.3
104	9.0	7.6	11.4

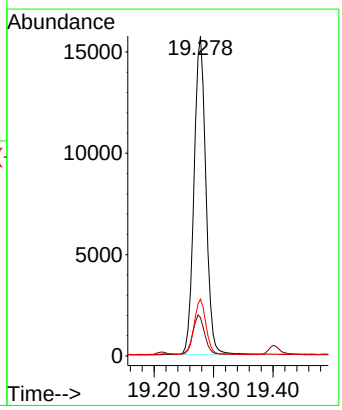


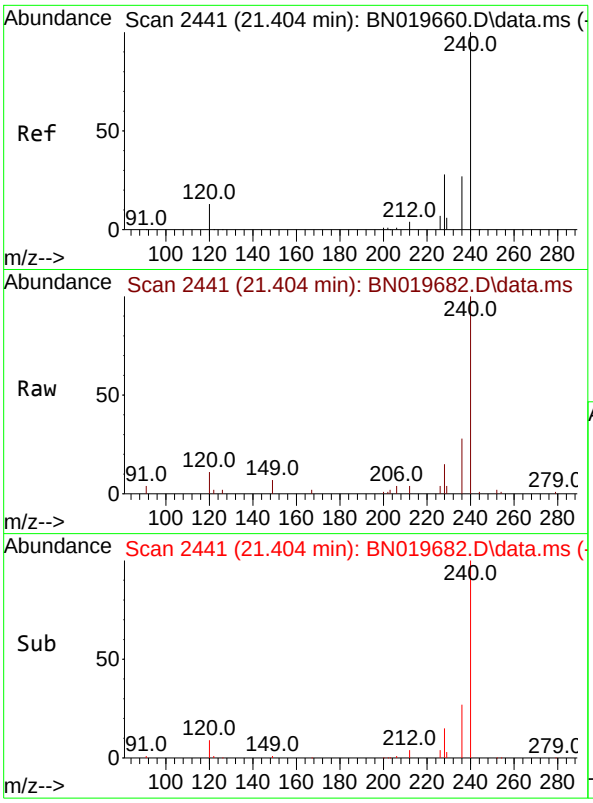


#28
Fluoranthene
Concen: 0.349 ng
RT: 19.278 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BN019682.D
Acq: 05 May 2022 03:07

Tgt Ion:202 Resp: 21694

Ion	Ratio	Lower	Upper
202	100		
101	12.6	10.6	15.8
203	17.0	13.6	20.4



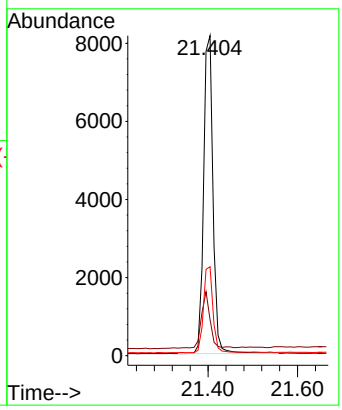


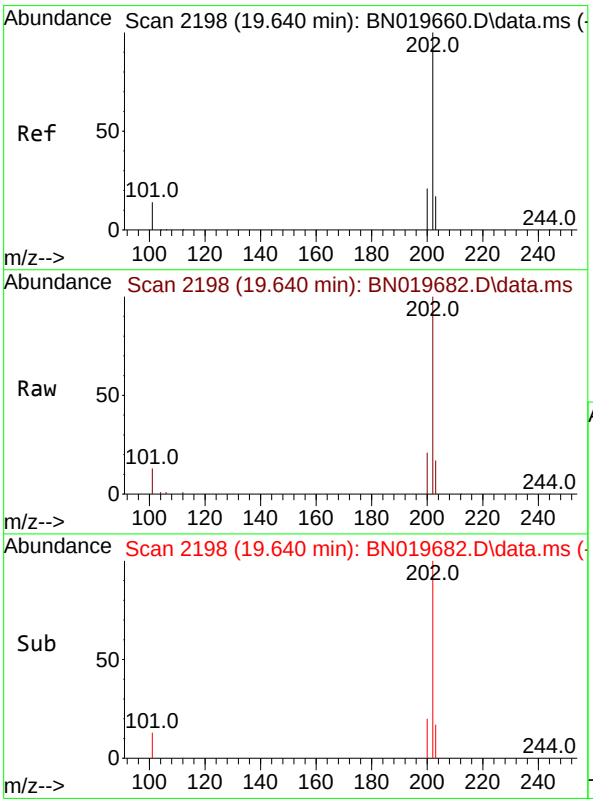
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.404 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN019682.D
Acq: 05 May 2022 03:07

Instrument :
BNA_N
ClientSampleId :
B1-5-7MS

Tgt Ion:240 Resp: 11864

Ion	Ratio	Lower	Upper
240	100		
120	11.3	17.4	26.2#
236	27.8	23.0	34.4

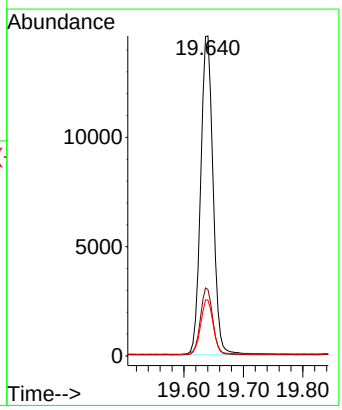


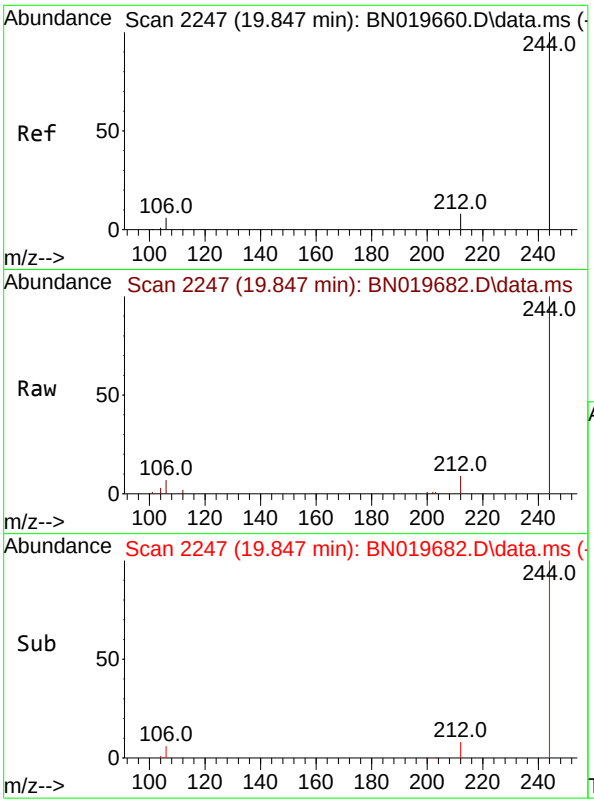


#30
Pyrene
Concen: 0.431 ng
RT: 19.640 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BN019682.D
Acq: 05 May 2022 03:07

Tgt Ion:202 Resp: 21158

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.7	25.1
203	17.3	14.2	21.4



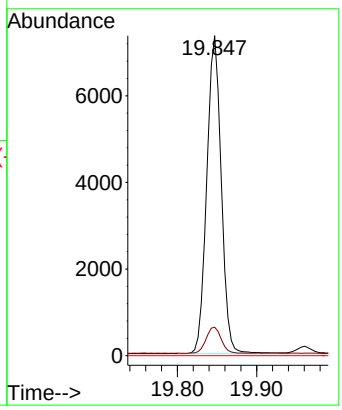


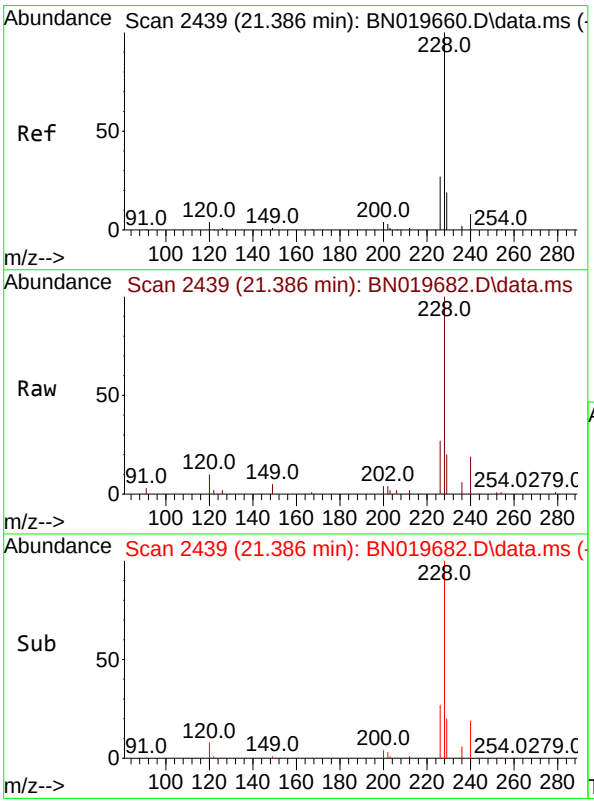
#31
Terphenyl-d14
Concen: 0.334 ng
RT: 19.847 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN019682.D
Acq: 05 May 2022 03:07

Instrument :
BNA_N
ClientSampleId :
B1-5-7MS

Tgt Ion:244 Resp: 9286

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.6	11.4
122	0.0	0.0	0.0

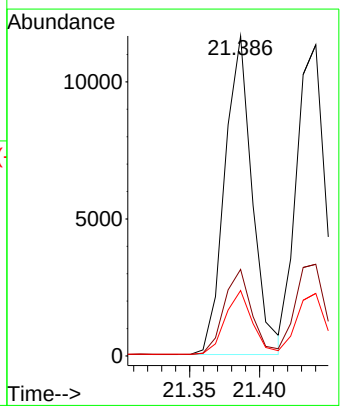


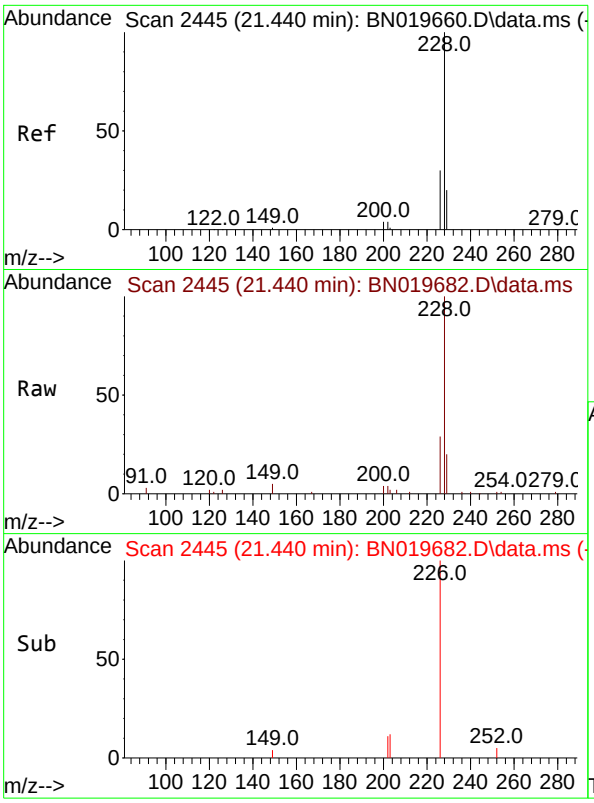


#32
Benzo(a)anthracene
Concen: 0.378 ng
RT: 21.386 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BN019682.D
Acq: 05 May 2022 03:07

Tgt Ion:228 Resp: 15913

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.6	32.4
229	20.4	16.5	24.7



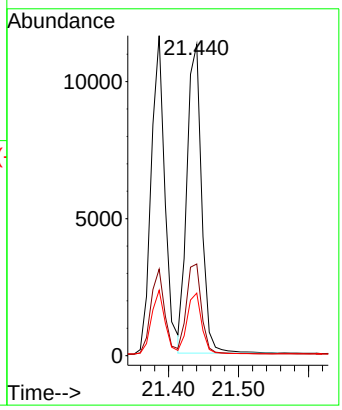


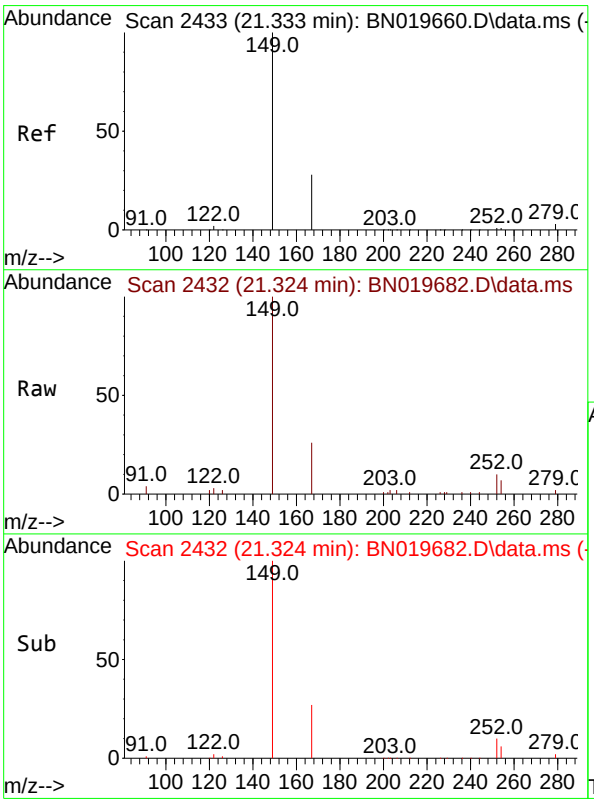
#33
Chrysene
Concen: 0.357 ng
RT: 21.440 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN019682.D
Acq: 05 May 2022 03:07

Instrument :
BNA_N
ClientSampleId :
B1-5-7MS

Tgt Ion:228 Resp: 16402

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.6	36.8
229	20.1	15.9	23.9

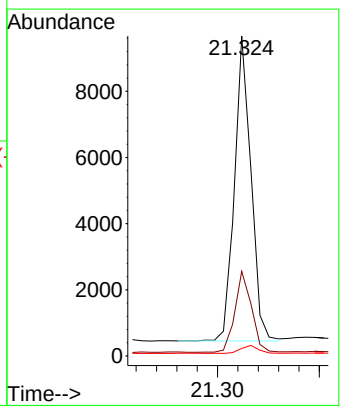


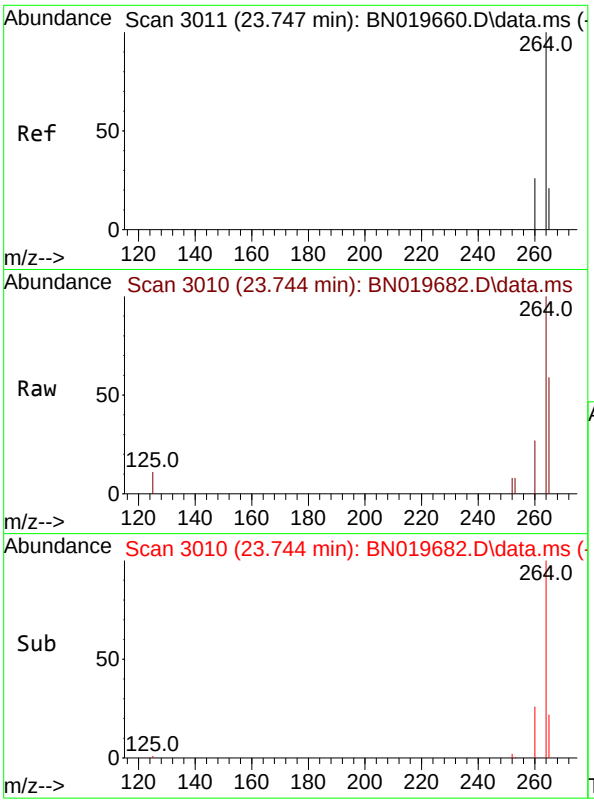


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.466 ng
RT: 21.324 min Scan# 2432
Delta R.T. -0.009 min
Lab File: BN019682.D
Acq: 05 May 2022 03:07

Tgt Ion:149 Resp: 10362

Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.7	32.5
279	2.8	2.8	4.2#



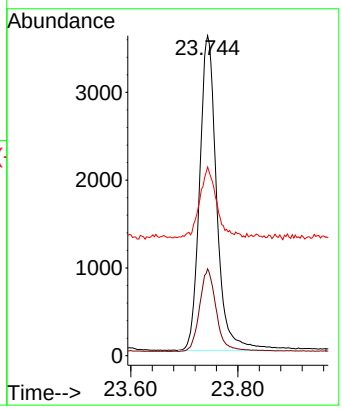


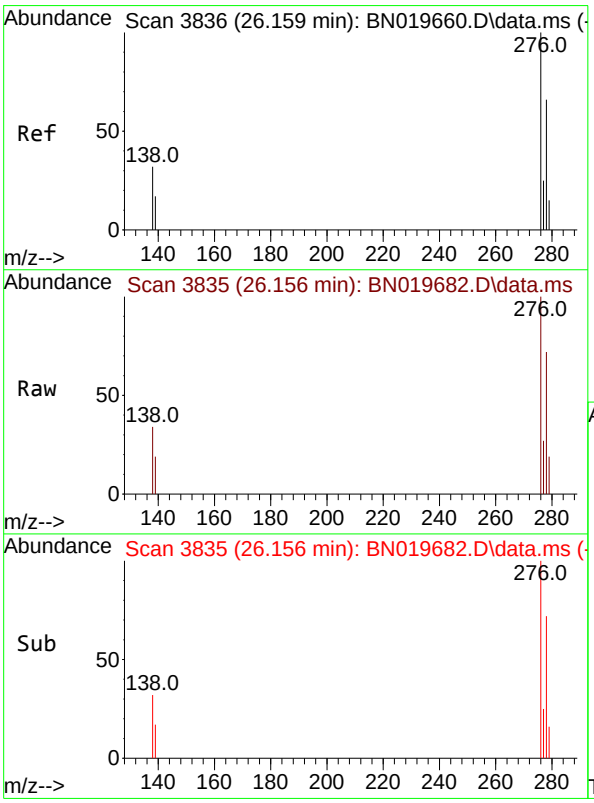
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.744 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN019682.D
Acq: 05 May 2022 03:07

Instrument :
BNA_N
ClientSampleId :
B1-5-7MS

Tgt Ion:264 Resp: 7946

Ion	Ratio	Lower	Upper
264	100		
260	27.2	21.0	31.6
265	58.9	67.9	101.9#

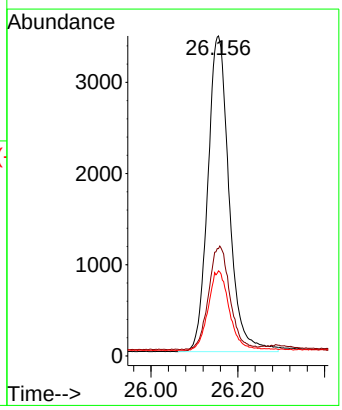


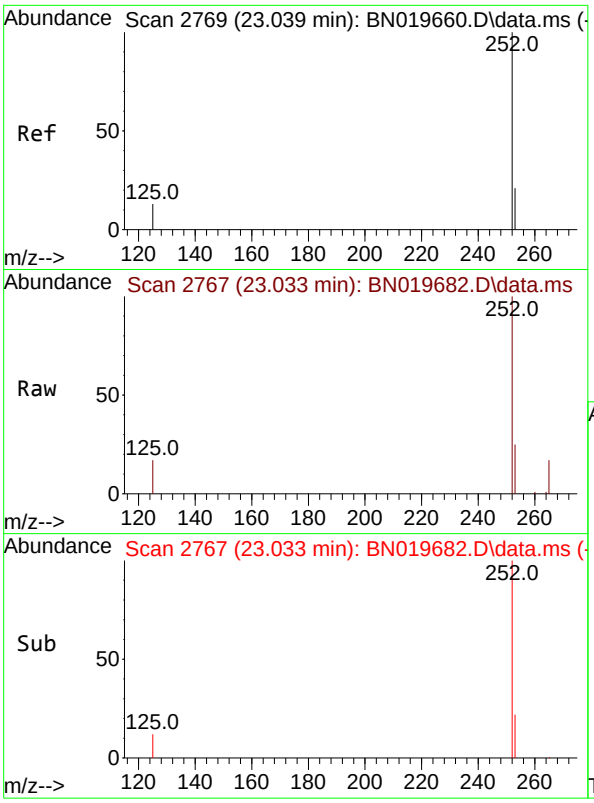


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.326 ng
RT: 26.156 min Scan# 3835
Delta R.T. -0.003 min
Lab File: BN019682.D
Acq: 05 May 2022 03:07

Tgt Ion:276 Resp: 11776

Ion	Ratio	Lower	Upper
276	100		
138	32.9	26.6	40.0
277	25.0	20.0	30.0



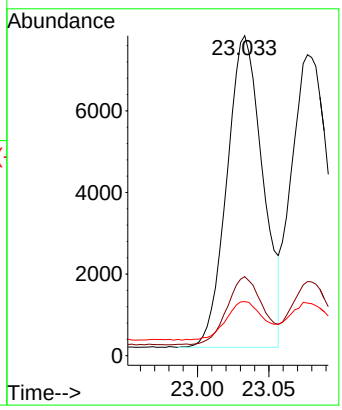


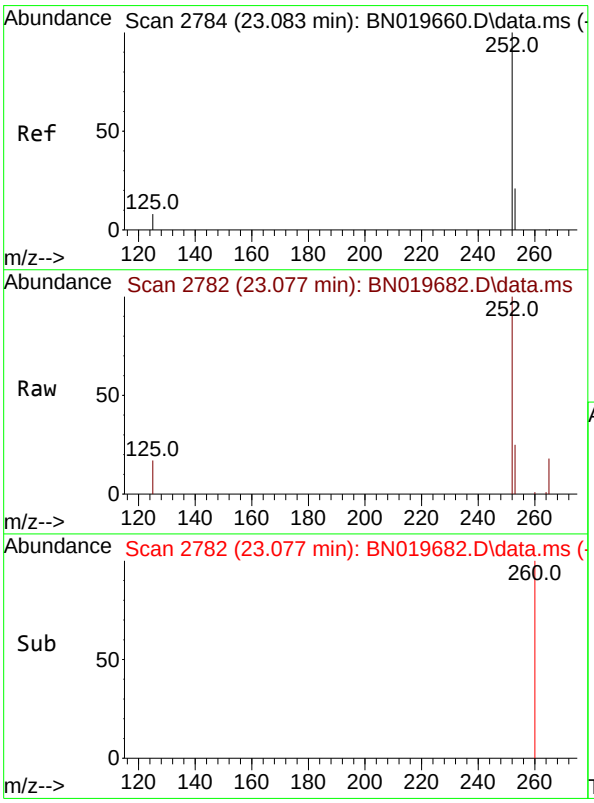
#37
Benzo(b)fluoranthene
Concen: 0.407 ng
RT: 23.033 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN019682.D
Acq: 05 May 2022 03:07

Instrument :
BNA_N
ClientSampleId :
B1-5-7MS

Tgt Ion:252 Resp: 13358

Ion	Ratio	Lower	Upper
252	100		
253	24.7	21.2	31.8
125	16.9	15.9	23.9

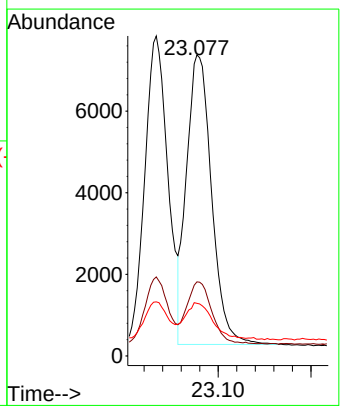


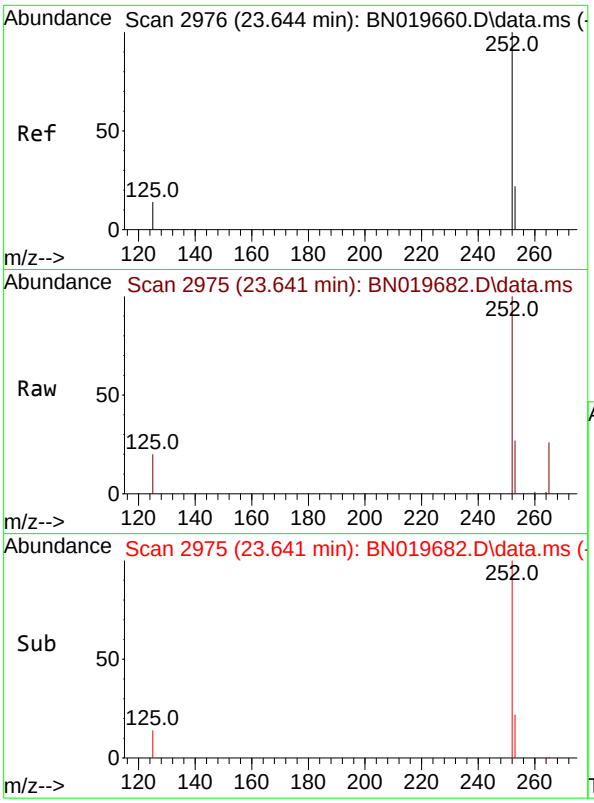


#38
Benzo(k)fluoranthene
Concen: 0.383 ng
RT: 23.077 min Scan# 2782
Delta R.T. -0.006 min
Lab File: BN019682.D
Acq: 05 May 2022 03:07

Tgt Ion:252 Resp: 13316

Ion	Ratio	Lower	Upper
252	100		
253	24.6	21.7	32.5
125	17.5	17.0	25.4



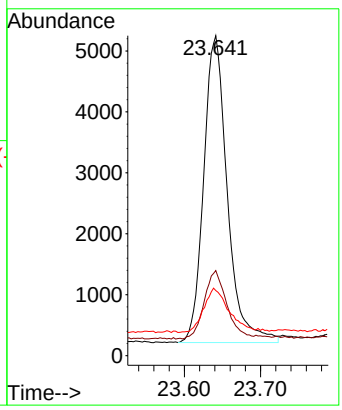


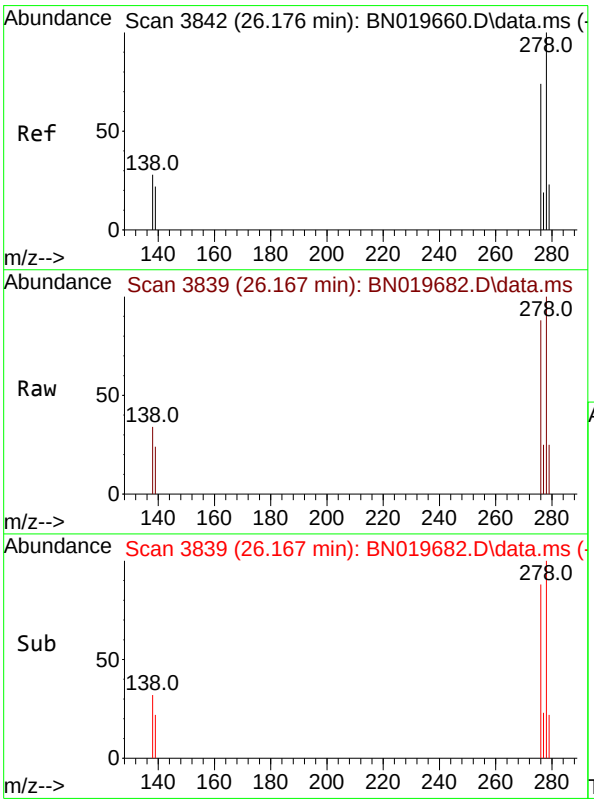
#39
Benzo(a)pyrene
Concen: 0.435 ng
RT: 23.641 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN019682.D
Acq: 05 May 2022 03:07

Instrument :
BNA_N
ClientSampleId :
B1-5-7MS

Tgt Ion:252 Resp: 10839

Ion	Ratio	Lower	Upper
252	100		
253	26.6	23.1	34.7
125	20.3	20.4	30.6#

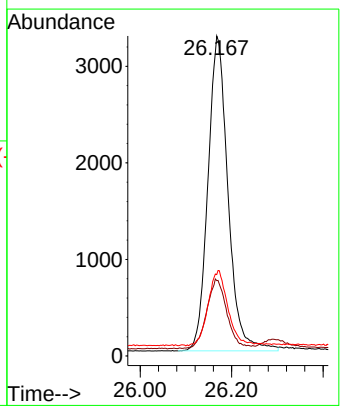


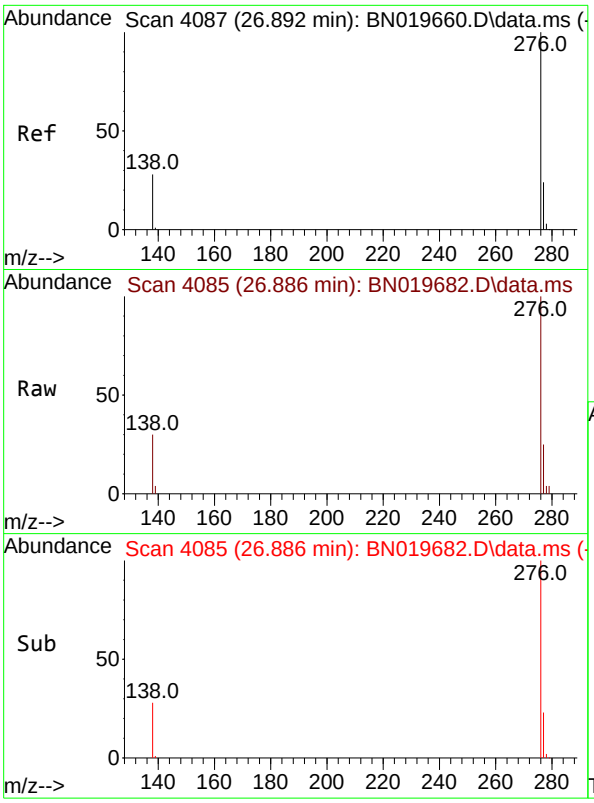


#40
Dibenzo(a,h)anthracene
Concen: 0.338 ng
RT: 26.167 min Scan# 3839
Delta R.T. -0.009 min
Lab File: BN019682.D
Acq: 05 May 2022 03:07

Tgt Ion:278 Resp: 9952

Ion	Ratio	Lower	Upper
278	100		
139	23.5	19.4	29.2
279	25.5	21.8	32.8





#41
Benzo(g,h,i)perylene
Concen: 0.360 ng
RT: 26.886 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN019682.D
Acq: 05 May 2022 03:07

Instrument :
BNA_N
ClientSampleId :
B1-5-7MS

Tgt Ion:276 Resp: 10470

Ion	Ratio	Lower	Upper
276	100		
277	24.9	20.2	30.2
138	29.5	23.5	35.3