Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032122\
Data File : BN019052.D
Acq On : 22 Mar 2022 10:04
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 22 12:18:59 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

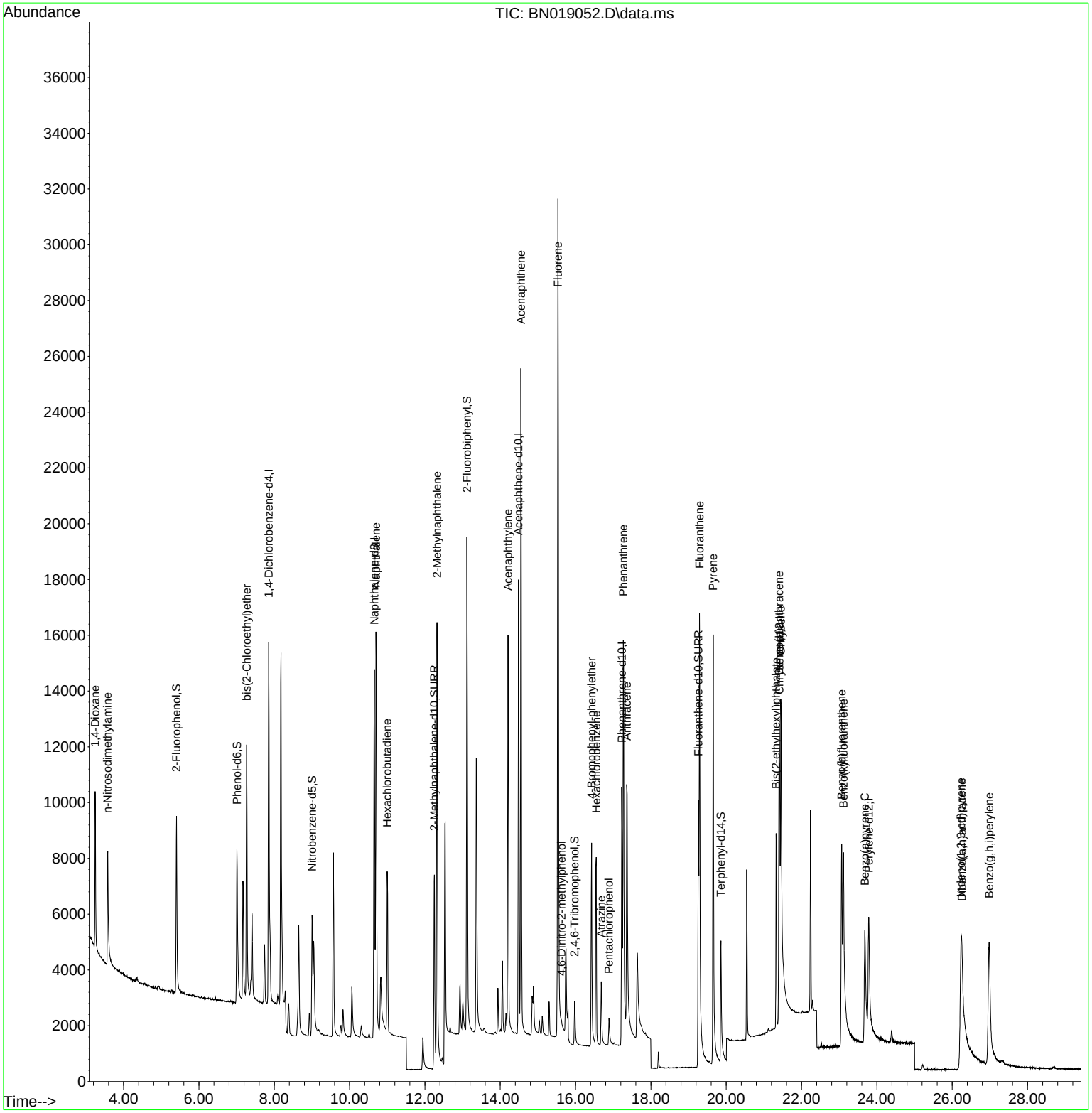
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.854	152	6723	0.400	ng		0.00
7) Naphthalene-d8	10.658	136	18854	0.400	ng		0.00
13) Acenaphthene-d10	14.484	164	10036	0.400	ng		-0.01
19) Phenanthrene-d10	17.225	188	15632	0.400	ng		-0.01
29) Chrysene-d12	21.413	240	9108	0.400	ng		# 0.00
35) Perylene-d12	23.785	264	8368	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.406	112	5613	0.373	ng		0.00
5) Phenol-d6	7.009	99	5830	0.369	ng		0.00
8) Nitrobenzene-d5	9.003	82	4511	0.332	ng		-0.01
11) 2-Methylnaphthalene-d10	12.250	152	11043	0.353	ng		0.00
14) 2,4,6-Tribromophenol	15.974	330	1125	0.232	ng		-0.01
15) 2-Fluorobiphenyl	13.116	172	16627	0.413	ng		-0.01
27) Fluoranthene-d10	19.261	212	14390	0.310	ng		0.00
31) Terphenyl-d14	19.860	244	7712	0.345	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.247	88	3026	0.364	ng		96
3) n-Nitrosodimethylamine	3.572	42	3128	0.323	ng	#	97
6) bis(2-Chloroethyl)ether	7.269	93	7160	0.381	ng		98
9) Naphthalene	10.701	128	20664	0.385	ng		100
10) Hexachlorobutadiene	11.000	225	4840	0.369	ng	#	99
12) 2-Methylnaphthalene	12.321	142	13090	0.359	ng		98
16) Acenaphthylene	14.206	152	17092	0.367	ng		100
17) Acenaphthene	14.549	154	12025	0.368	ng		98
18) Fluorene	15.532	166	13947	0.339	ng		99
20) 4,6-Dinitro-2-methylph...	15.628	198	222	0.185	ng	#	23
21) 4-Bromophenyl-phenylether	16.425	248	4033	0.409	ng		95
22) Hexachlorobenzene	16.549	284	5327	0.419	ng		99
23) Atrazine	16.682	200	2347	0.319	ng		98
24) Pentachlorophenol	16.887	266	701	0.180	ng		99
25) Phenanthrene	17.266	178	18208	0.372	ng		100
26) Anthracene	17.359	178	13929	0.337	ng		100
28) Fluoranthene	19.291	202	17715	0.309	ng		99
30) Pyrene	19.653	202	17967	0.396	ng		99
32) Benzo(a)anthracene	21.404	228	10050	0.358	ng		99
33) Chrysene	21.449	228	14373	0.380	ng		98
34) Bis(2-ethylhexyl)phtha...	21.324	149	6744	0.362	ng		100
36) Indeno(1,2,3-cd)pyrene	26.232	276	11282	0.374	ng		93
37) Benzo(b)fluoranthene	23.065	252	10162	0.333	ng		94
38) Benzo(k)fluoranthene	23.112	252	14546	0.348	ng		94
39) Benzo(a)pyrene	23.682	252	10197	0.367	ng	#	85
40) Dibenzo(a,h)anthracene	26.258	278	8836	0.376	ng		91
41) Benzo(g,h,i)perylene	26.980	276	13018	0.439	ng		98

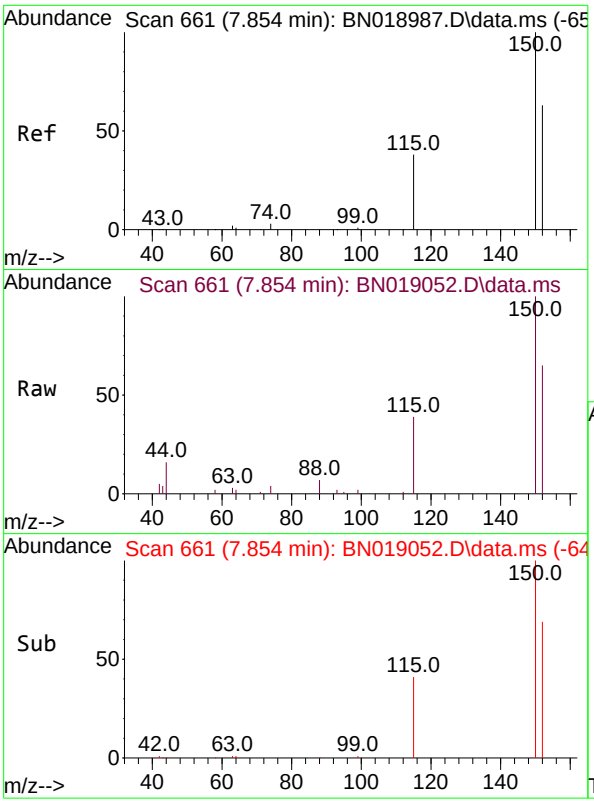
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032122\
Data File : BN019052.D
Acq On : 22 Mar 2022 10:04
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 22 12:18:59 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



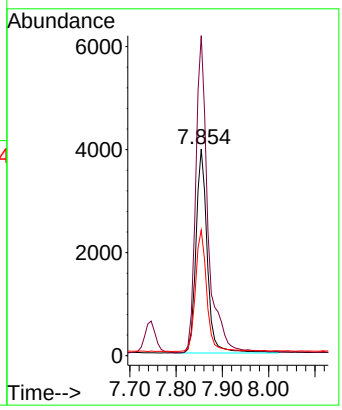


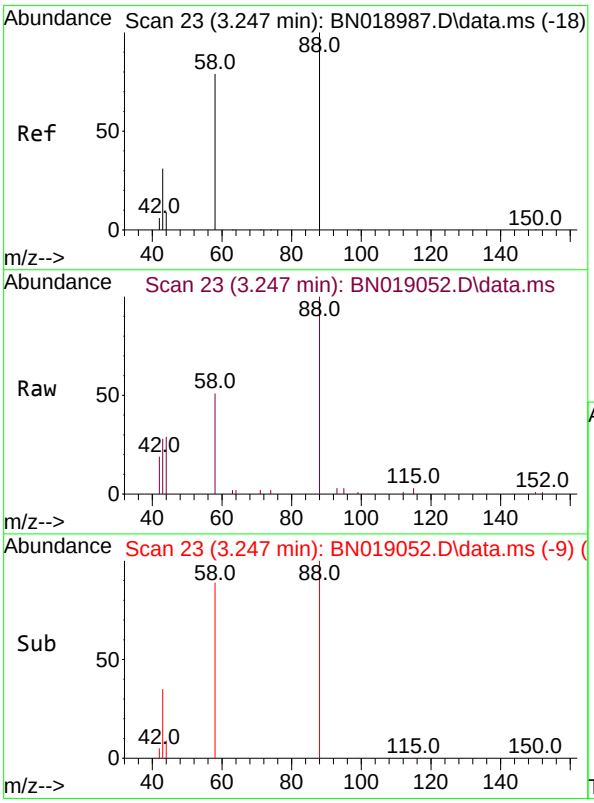
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN019052.D
Acq: 22 Mar 2022 10:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 6723

Ion	Ratio	Lower	Upper
152	100		
150	154.8	123.9	185.9
115	60.8	48.2	72.4

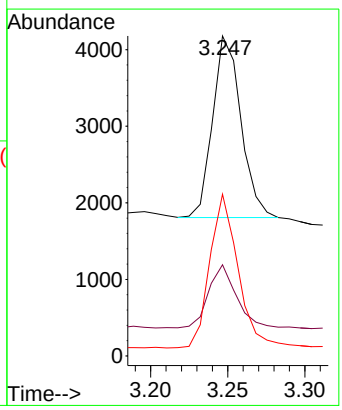


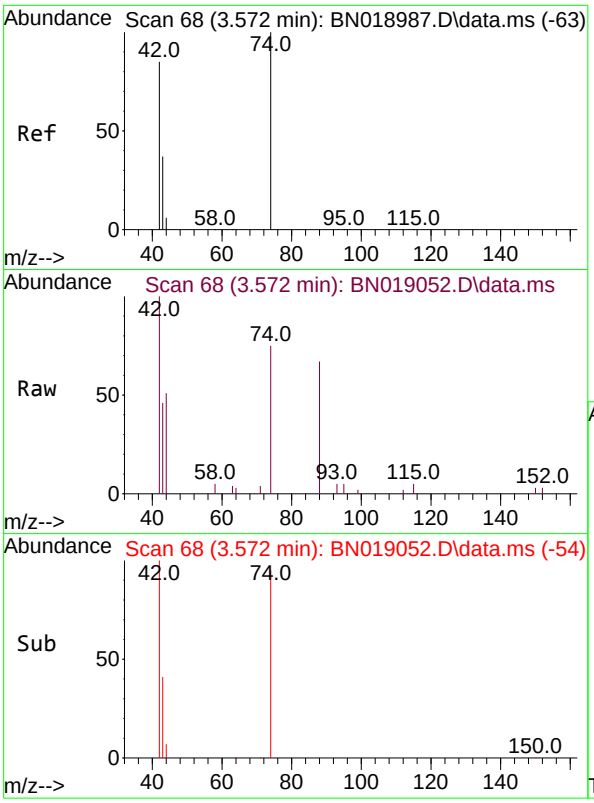


#2
1,4-Dioxane
Concen: 0.364 ng
RT: 3.247 min Scan# 23
Delta R.T. -0.000 min
Lab File: BN019052.D
Acq: 22 Mar 2022 10:04

Tgt Ion: 88 Resp: 3026

Ion	Ratio	Lower	Upper
88	100		
43	34.1	24.6	37.0
58	84.7	65.4	98.2



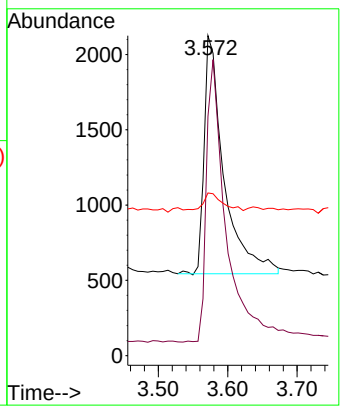


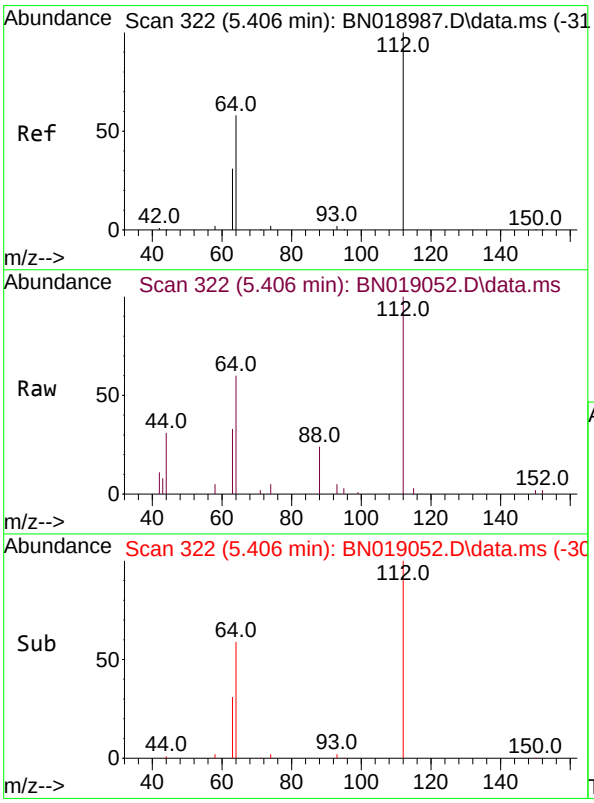
#3
n-Nitrosodimethylamine
Concen: 0.323 ng
RT: 3.572 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN019052.D
Acq: 22 Mar 2022 10:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 3128

Ion	Ratio	Lower	Upper
42	100		
74	117.8	96.9	145.3
44	7.1	7.3	10.9#

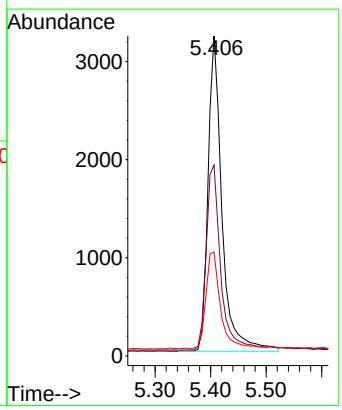


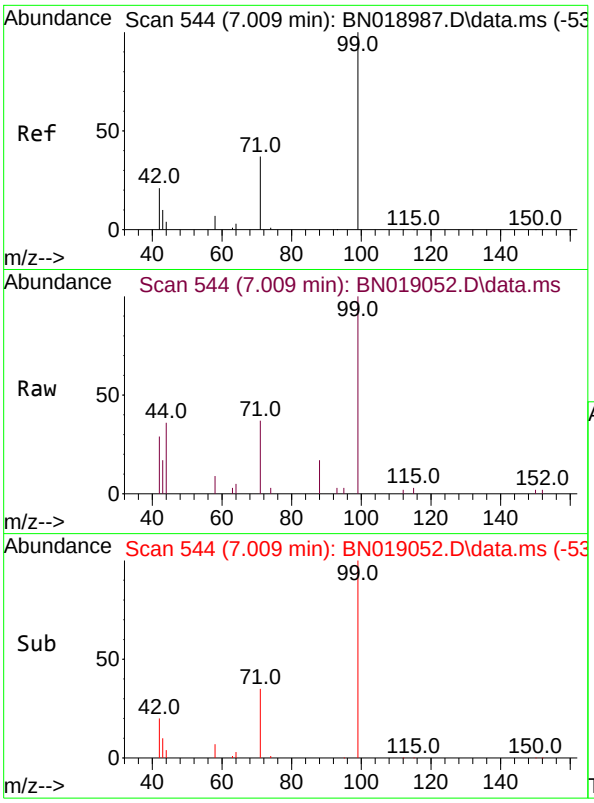


#4
2-Fluorophenol
Concen: 0.373 ng
RT: 5.406 min Scan# 322
Delta R.T. -0.000 min
Lab File: BN019052.D
Acq: 22 Mar 2022 10:04

Tgt Ion:112 Resp: 5613

Ion	Ratio	Lower	Upper
112	100		
64	61.6	47.8	71.8
63	32.7	25.7	38.5



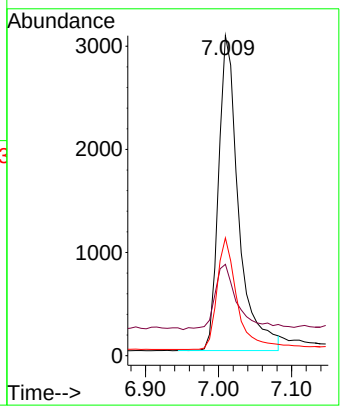


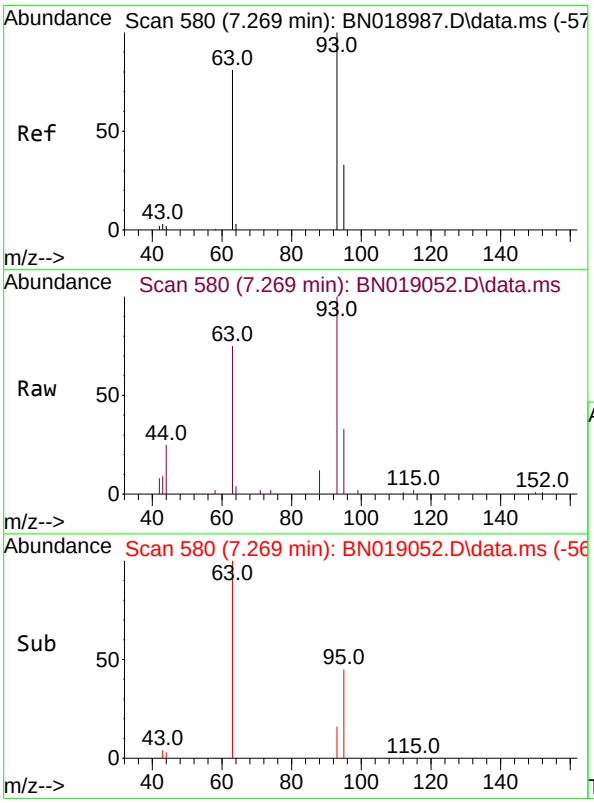
#5
Phenol-d6
Concen: 0.369 ng
RT: 7.009 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN019052.D
Acq: 22 Mar 2022 10:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 5830

Ion	Ratio	Lower	Upper
99	100		
42	23.0	16.2	24.4
71	35.4	27.7	41.5

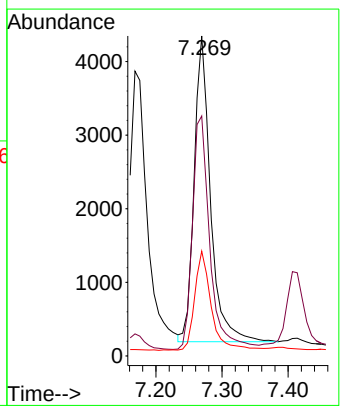


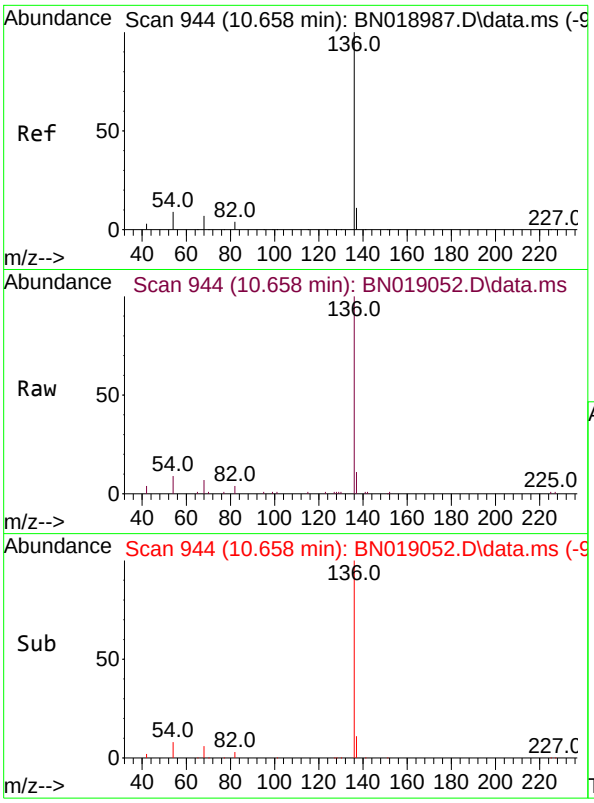


#6
bis(2-Chloroethyl)ether
Concen: 0.381 ng
RT: 7.269 min Scan# 580
Delta R.T. -0.000 min
Lab File: BN019052.D
Acq: 22 Mar 2022 10:04

Tgt Ion: 93 Resp: 7160

Ion	Ratio	Lower	Upper
93	100		
63	81.2	62.8	94.2
95	32.9	26.2	39.4



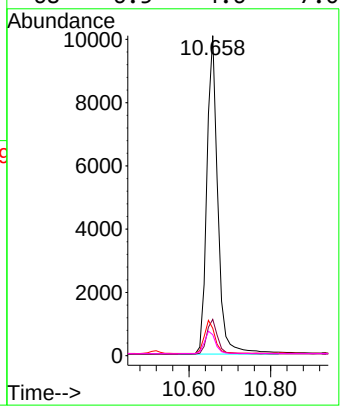


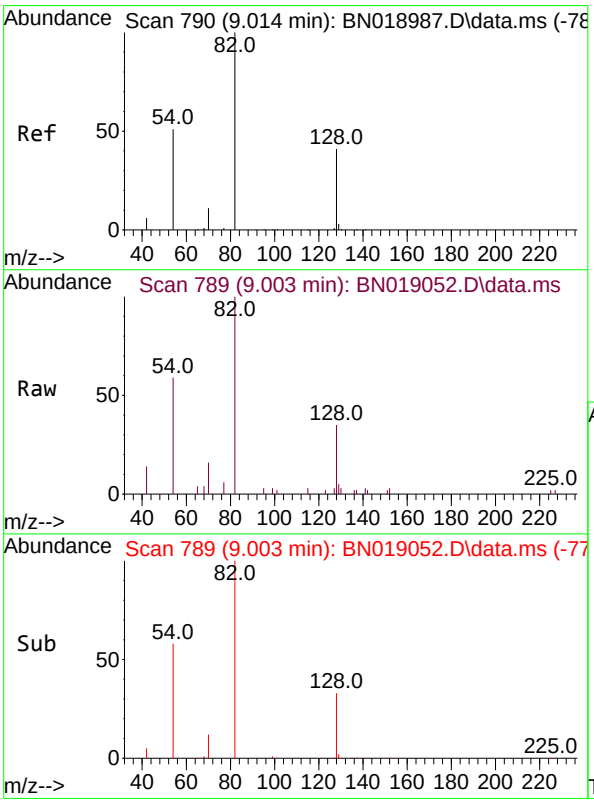
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN019052.D
Acq: 22 Mar 2022 10:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 18854

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	8.5	5.8	8.6
68	6.5	4.6	7.0

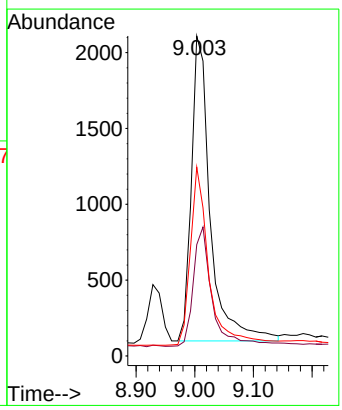


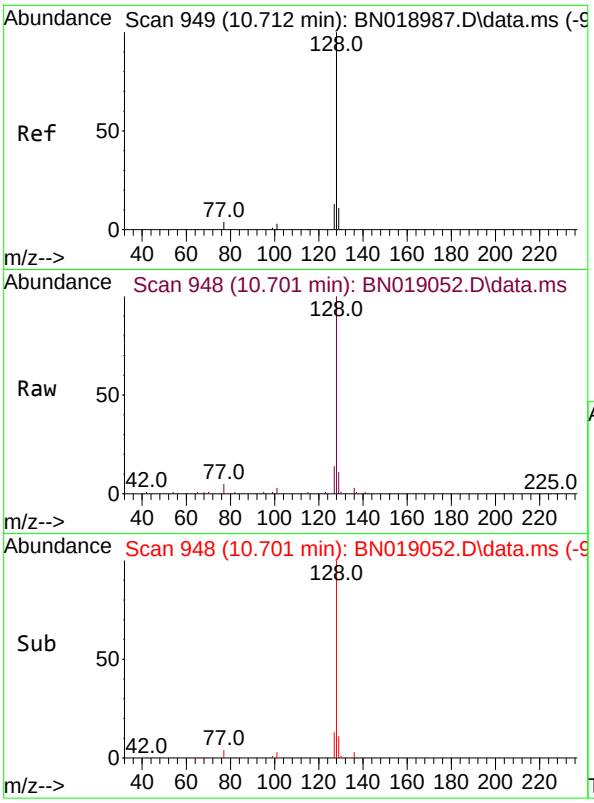


#8
Nitrobenzene-d5
Concen: 0.332 ng
RT: 9.003 min Scan# 789
Delta R.T. -0.011 min
Lab File: BN019052.D
Acq: 22 Mar 2022 10:04

Tgt Ion: 82 Resp: 4511

Ion	Ratio	Lower	Upper
82	100		
128	34.8	33.0	49.6
54	59.0	42.5	63.7



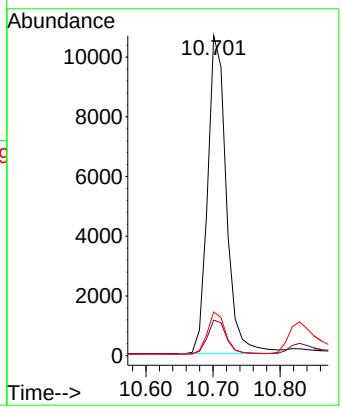


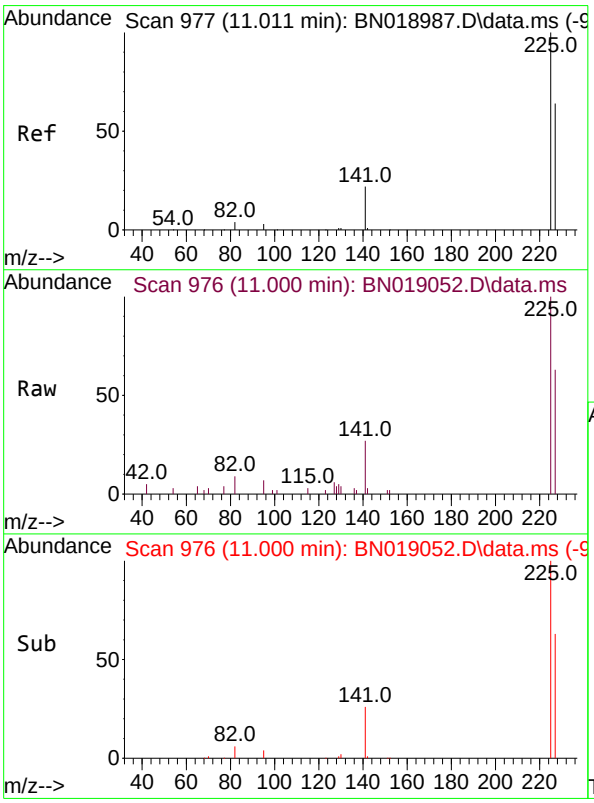
#9
Naphthalene
Concen: 0.385 ng
RT: 10.701 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN019052.D
Acq: 22 Mar 2022 10:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 20664

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	13.6	10.7	16.1

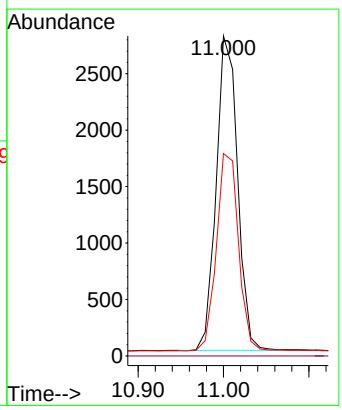


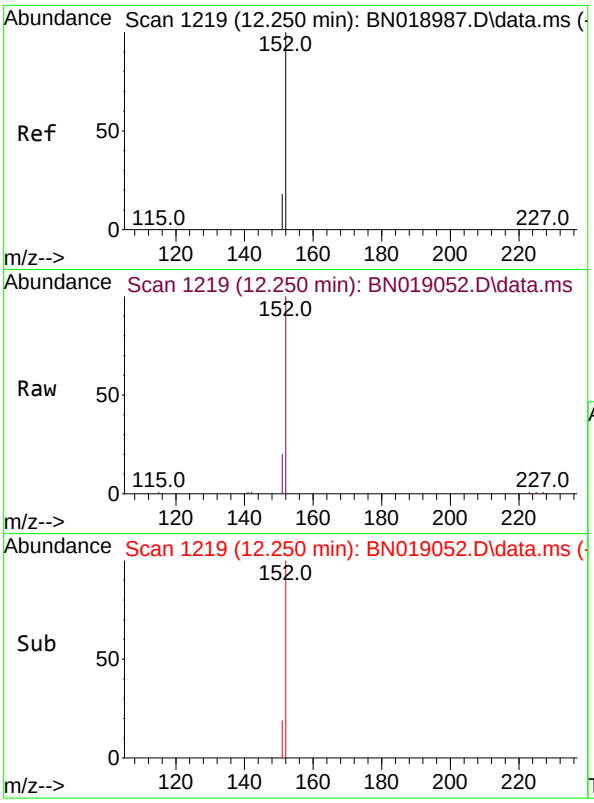


#10
Hexachlorobutadiene
Concen: 0.369 ng
RT: 11.000 min Scan# 976
Delta R.T. -0.011 min
Lab File: BN019052.D
Acq: 22 Mar 2022 10:04

Tgt Ion:225 Resp: 4840

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.6	51.0	76.6



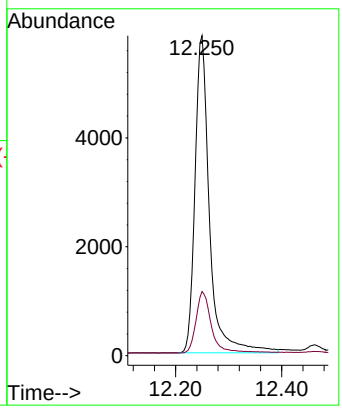


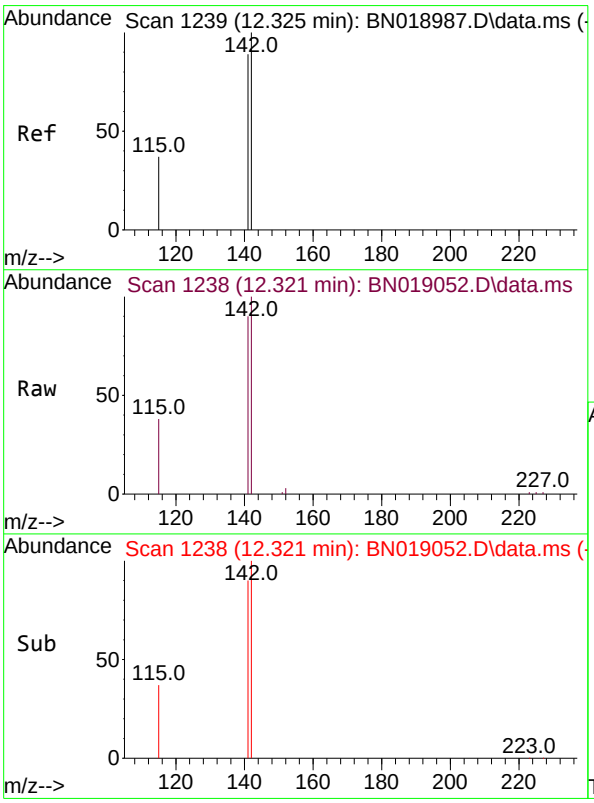
#11
2-Methylnaphthalene-d10
Concen: 0.353 ng
RT: 12.250 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019052.D
Acq: 22 Mar 2022 10:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 11043

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.5	24.7

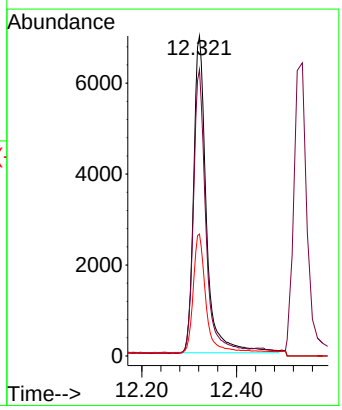


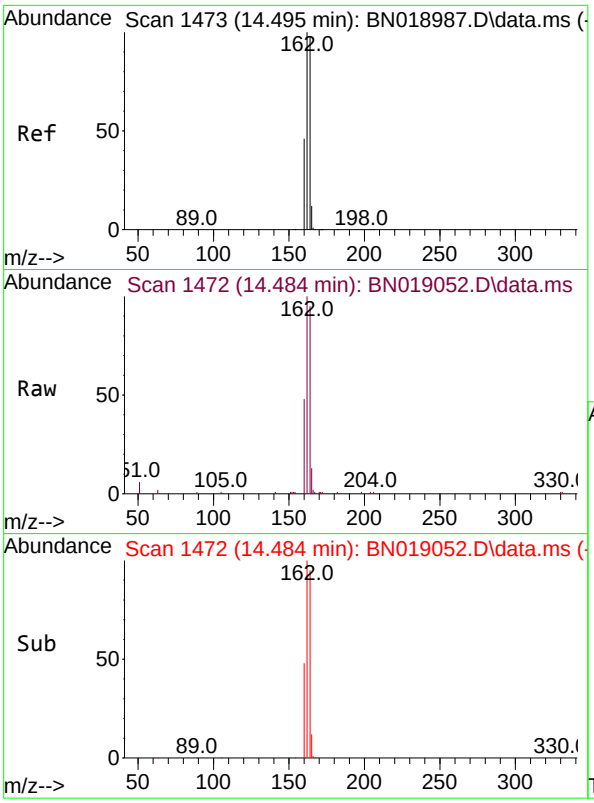


#12
2-Methylnaphthalene
Concen: 0.359 ng
RT: 12.321 min Scan# 1238
Delta R.T. -0.004 min
Lab File: BN019052.D
Acq: 22 Mar 2022 10:04

Tgt Ion:142 Resp: 13090

Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.0	105.0
115	38.1	29.8	44.8



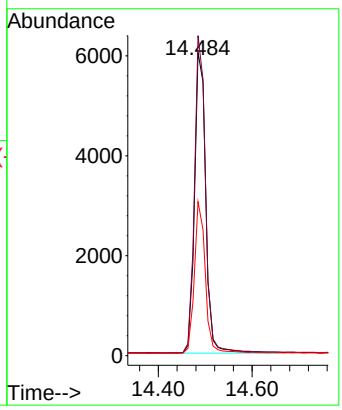


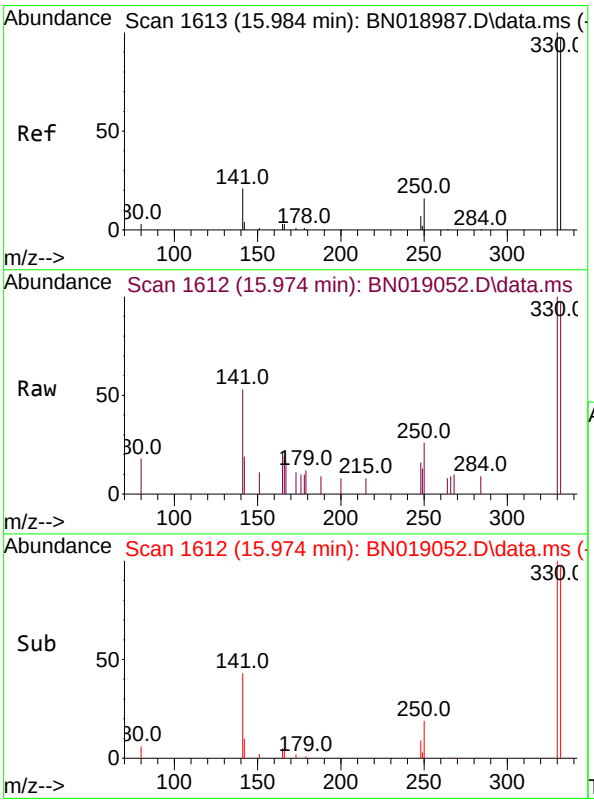
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN019052.D
Acq: 22 Mar 2022 10:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 10036

Ion	Ratio	Lower	Upper
164	100		
162	105.5	85.2	127.8
160	50.8	41.5	62.3

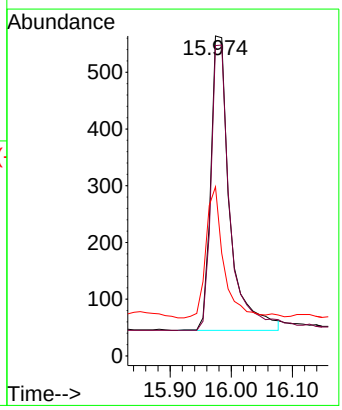


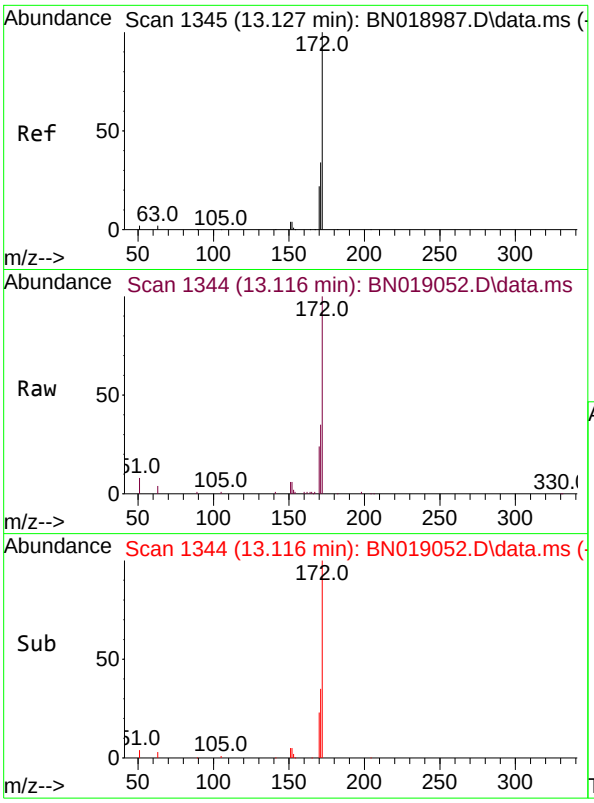


#14
2,4,6-Tribromophenol
Concen: 0.232 ng
RT: 15.974 min Scan# 1612
Delta R.T. -0.010 min
Lab File: BN019052.D
Acq: 22 Mar 2022 10:04

Tgt Ion:330 Resp: 1125

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.8	115.2
141	41.8	32.2	48.2



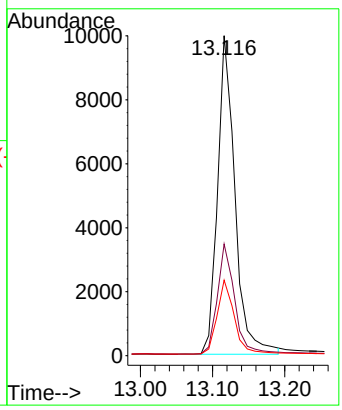


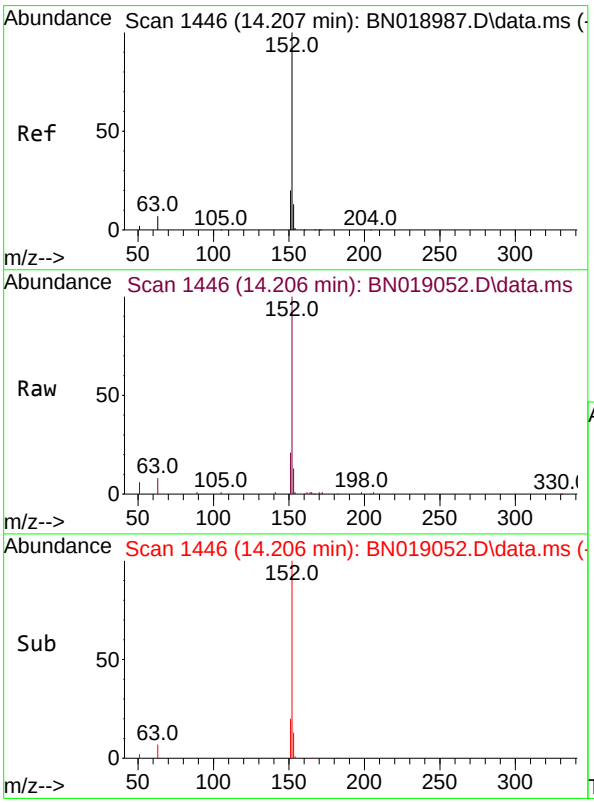
#15
2-Fluorobiphenyl
Concen: 0.413 ng
RT: 13.116 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN019052.D
Acq: 22 Mar 2022 10:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 16627

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.2	42.2
170	23.6	18.7	28.1

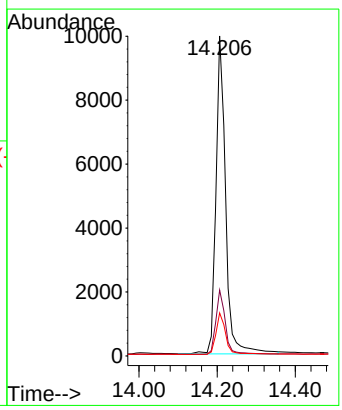


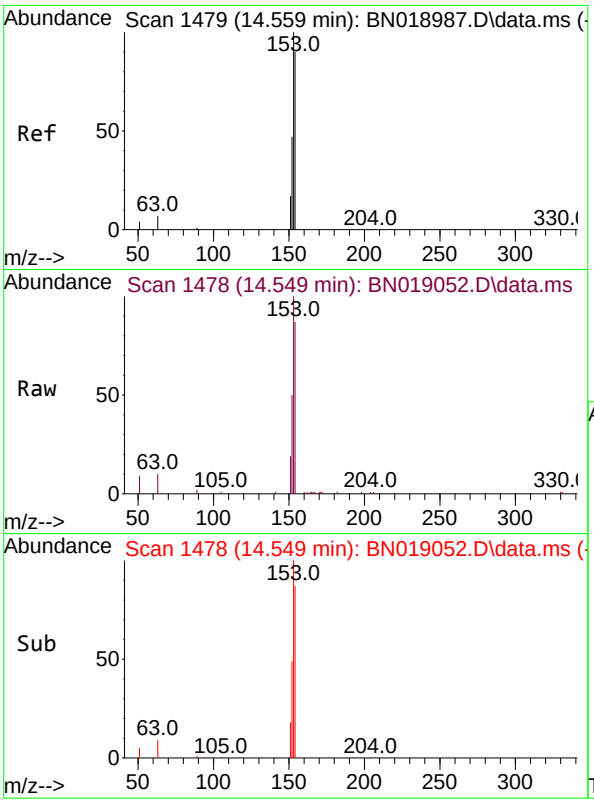


#16
Acenaphthylene
Concen: 0.367 ng
RT: 14.206 min Scan# 1446
Delta R.T. -0.000 min
Lab File: BN019052.D
Acq: 22 Mar 2022 10:04

Tgt Ion:152 Resp: 17092

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.9	23.9
153	13.1	10.6	15.8



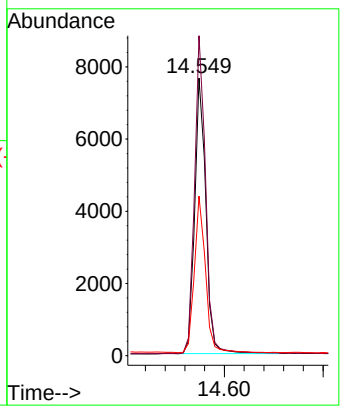


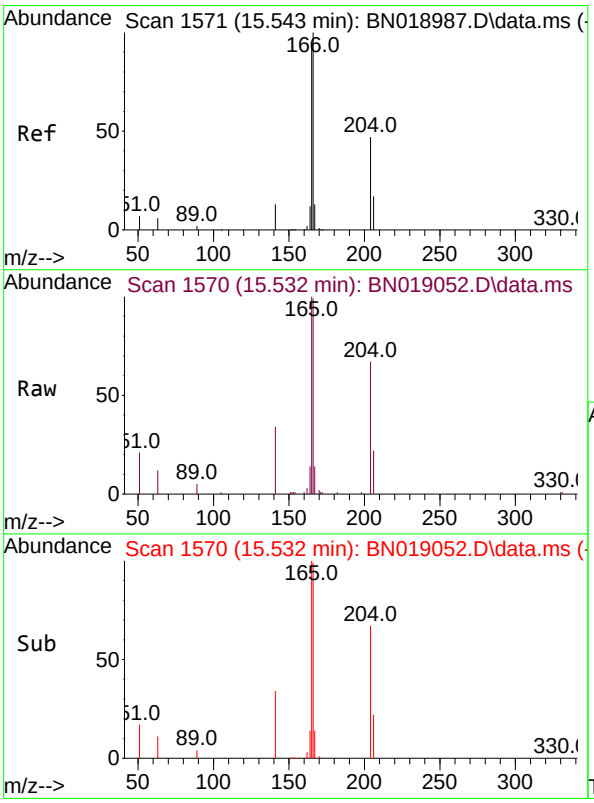
#17
Acenaphthene
Concen: 0.368 ng
RT: 14.549 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN019052.D
Acq: 22 Mar 2022 10:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 12025

Ion	Ratio	Lower	Upper
154	100		
153	114.7	89.7	134.5
152	56.3	44.7	67.1

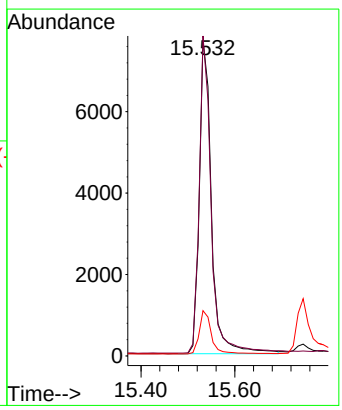


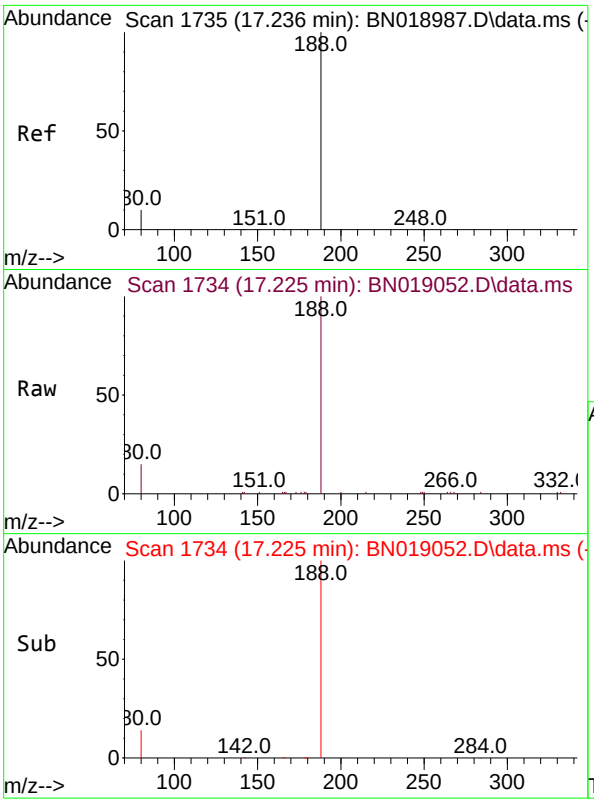


#18
Fluorene
Concen: 0.339 ng
RT: 15.532 min Scan# 1570
Delta R.T. -0.011 min
Lab File: BN019052.D
Acq: 22 Mar 2022 10:04

Tgt Ion:166 Resp: 13947

Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.2	118.8
167	13.9	10.7	16.1



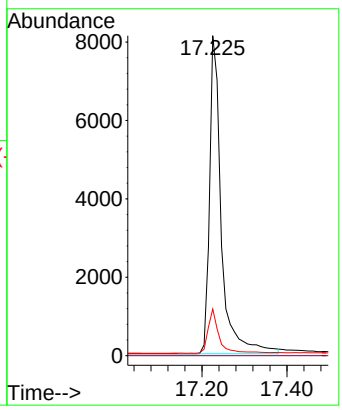


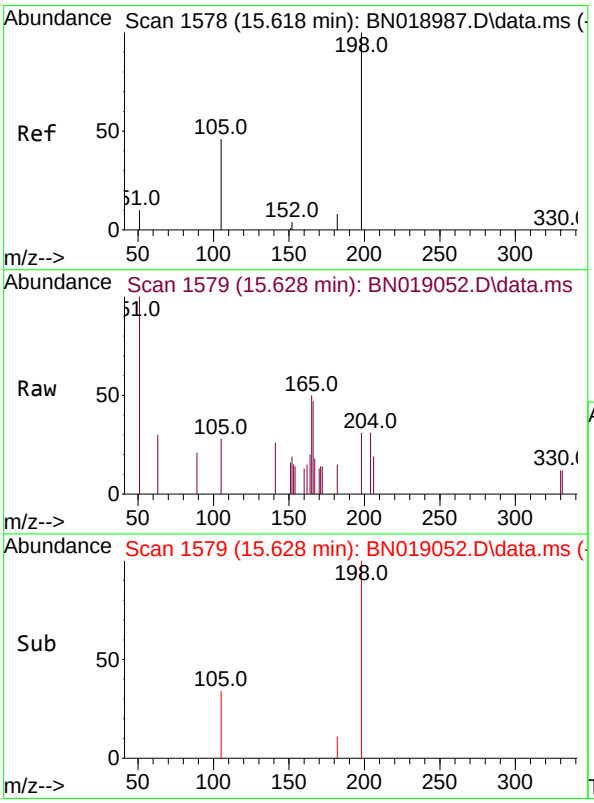
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.225 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN019052.D
Acq: 22 Mar 2022 10:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 15632

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.6	11.8	17.8

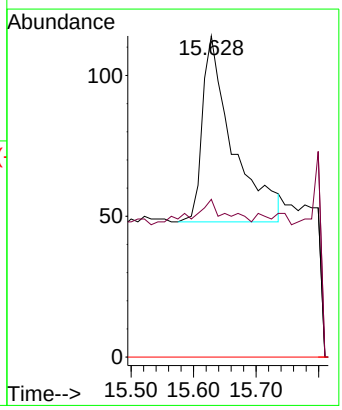


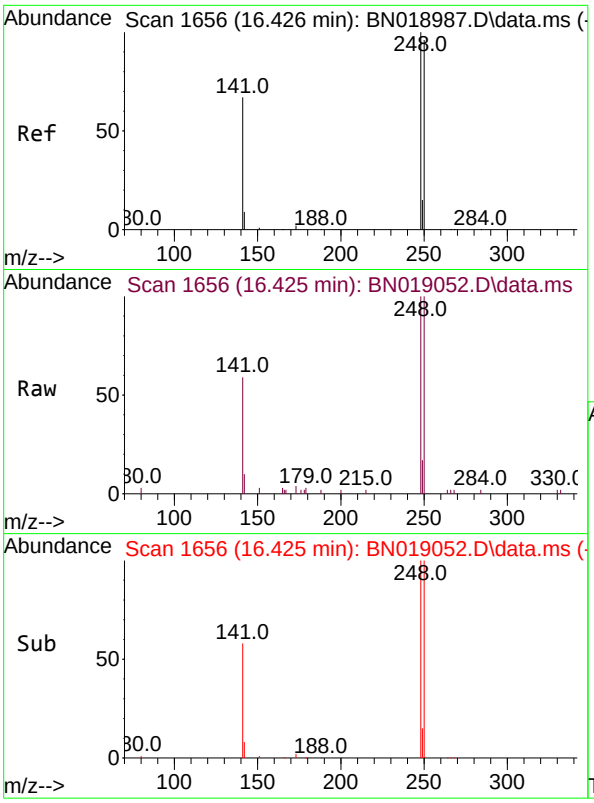


#20
4,6-Dinitro-2-methylphenol
Concen: 0.185 ng
RT: 15.628 min Scan# 1579
Delta R.T. 0.010 min
Lab File: BN019052.D
Acq: 22 Mar 2022 10:04

Tgt Ion:198 Resp: 222

Ion	Ratio	Lower	Upper
198	100		
182	49.1	13.0	19.4#
77	0.0	0.0	0.0



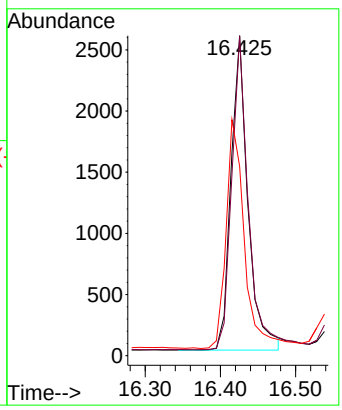


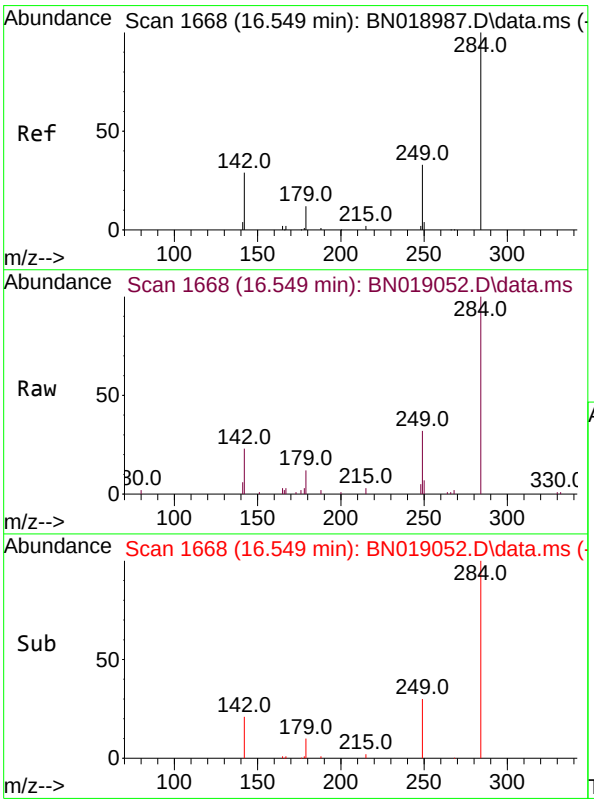
#21
4-Bromophenyl-phenylether
Concen: 0.409 ng
RT: 16.425 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019052.D
Acq: 22 Mar 2022 10:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 4033

Ion	Ratio	Lower	Upper
248	100		
250	99.7	80.7	121.1
141	59.1	39.6	59.4

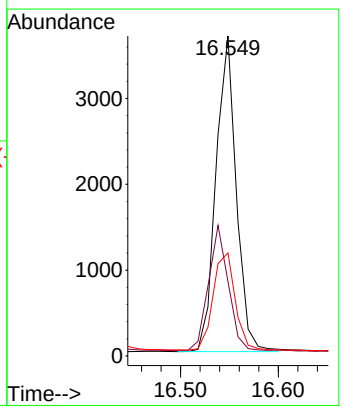


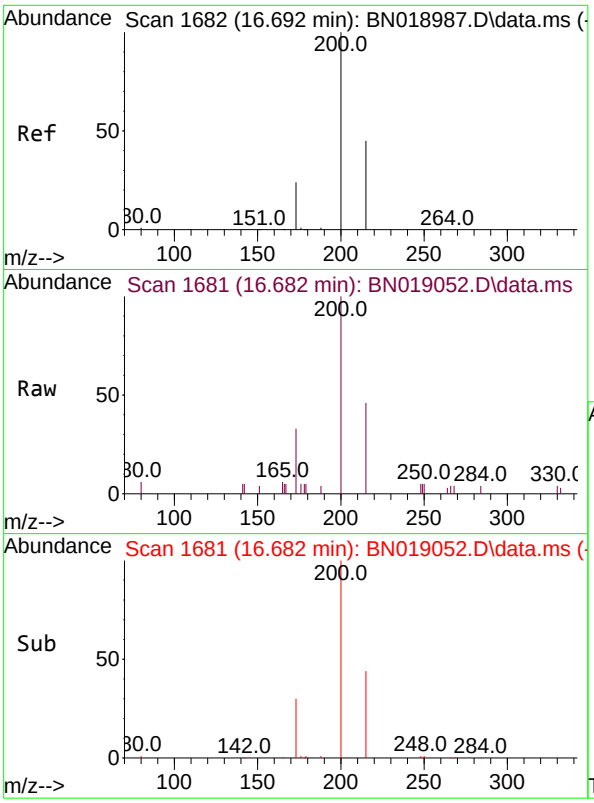


#22
Hexachlorobenzene
Concen: 0.419 ng
RT: 16.549 min Scan# 1668
Delta R.T. -0.000 min
Lab File: BN019052.D
Acq: 22 Mar 2022 10:04

Tgt Ion:284 Resp: 5327

Ion	Ratio	Lower	Upper
284	100		
142	38.4	29.8	44.8
249	33.3	26.2	39.2



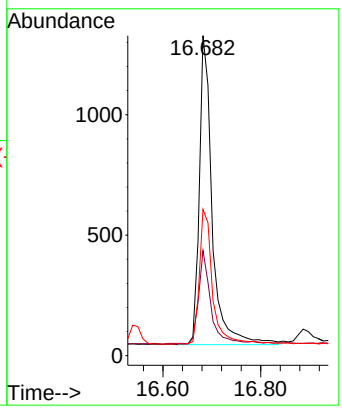


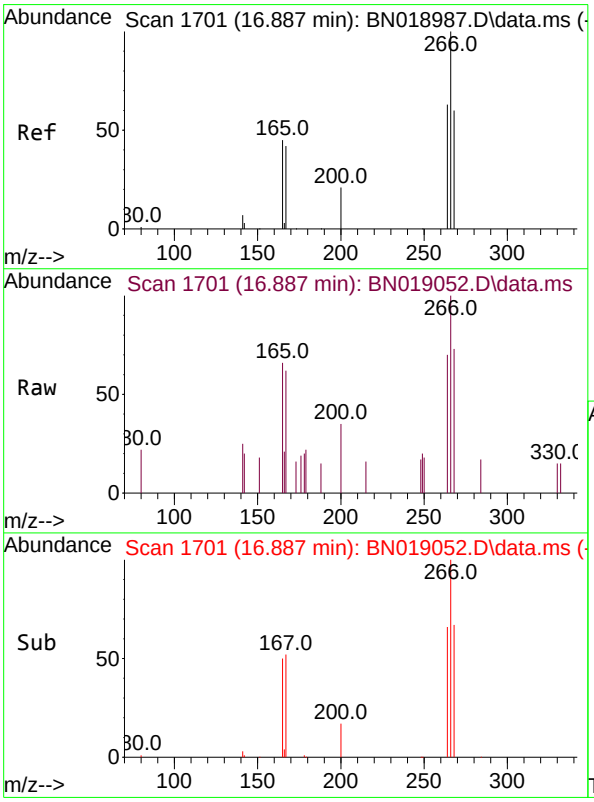
#23
Atrazine
Concen: 0.319 ng
RT: 16.682 min Scan# 1(
Delta R.T. -0.010 min
Lab File: BN019052.D
Acq: 22 Mar 2022 10:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 2347

Ion	Ratio	Lower	Upper
200	100		
173	32.8	23.9	35.9
215	45.7	36.6	54.8

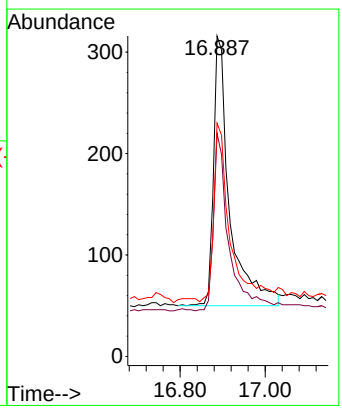


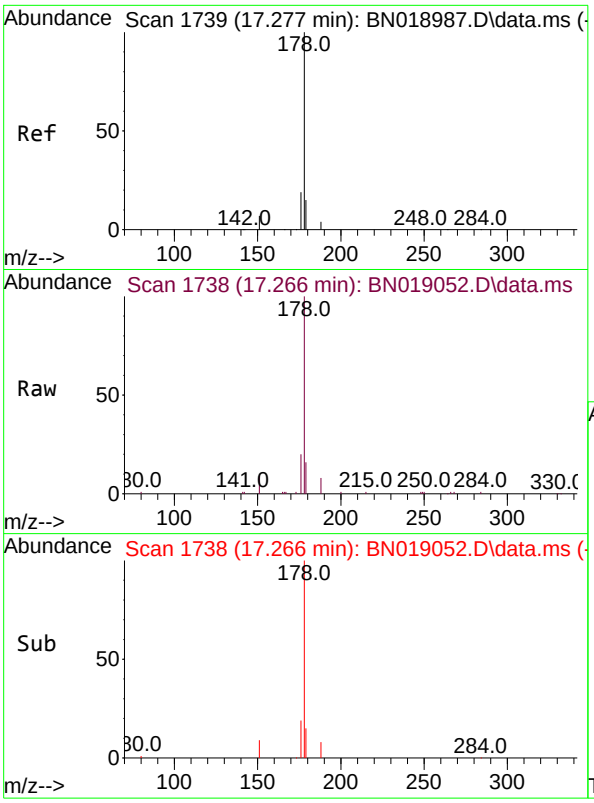


#24
Pentachlorophenol
Concen: 0.180 ng
RT: 16.887 min Scan# 1701
Delta R.T. -0.000 min
Lab File: BN019052.D
Acq: 22 Mar 2022 10:04

Tgt Ion:266 Resp: 701

Ion	Ratio	Lower	Upper
266	100		
264	62.6	50.2	75.4
268	66.3	51.9	77.9



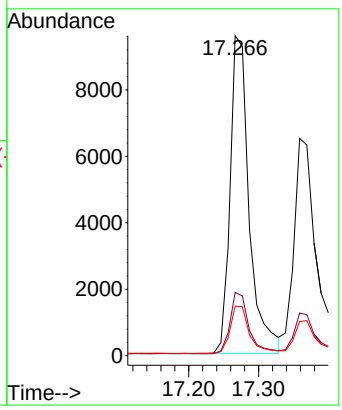


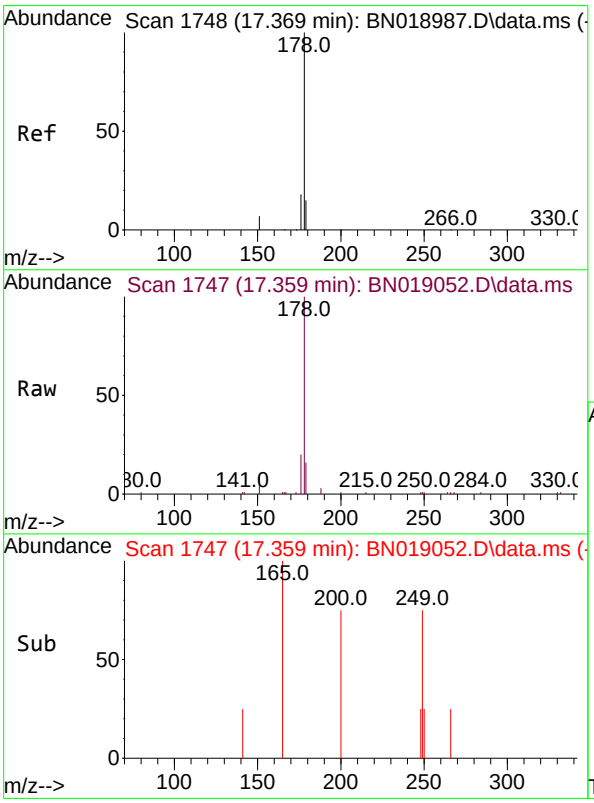
#25
Phenanthrene
Concen: 0.372 ng
RT: 17.266 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN019052.D
Acq: 22 Mar 2022 10:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 18208

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	15.1	12.2	18.2

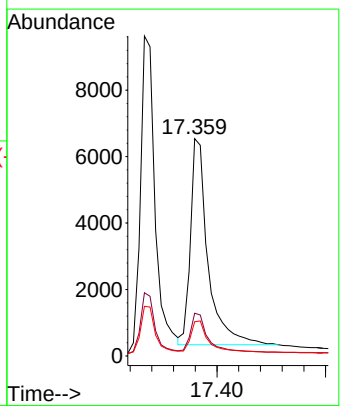


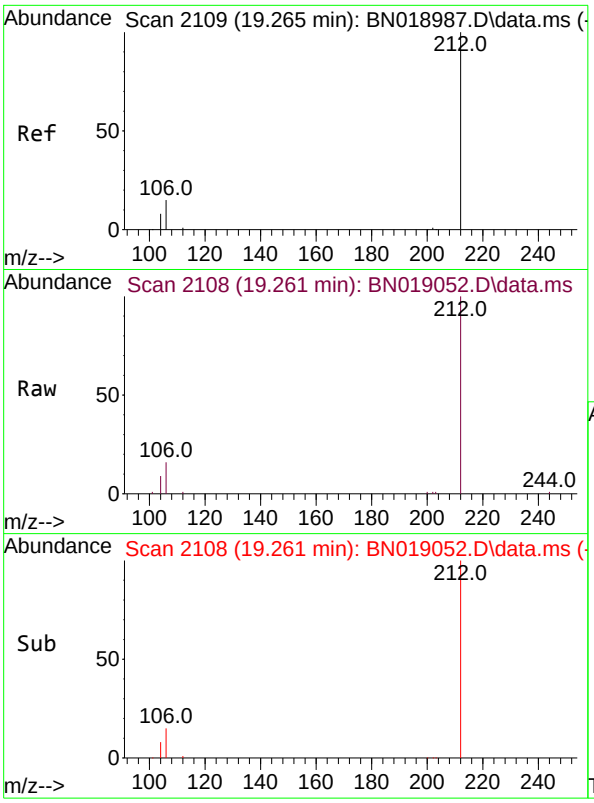


#26
Anthracene
Concen: 0.337 ng
RT: 17.359 min Scan# 1747
Delta R.T. -0.010 min
Lab File: BN019052.D
Acq: 22 Mar 2022 10:04

Tgt Ion:178 Resp: 13929

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.8	22.2
179	15.1	12.2	18.4



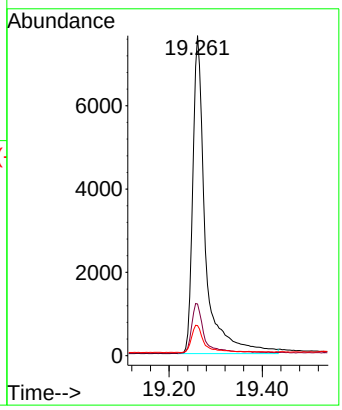


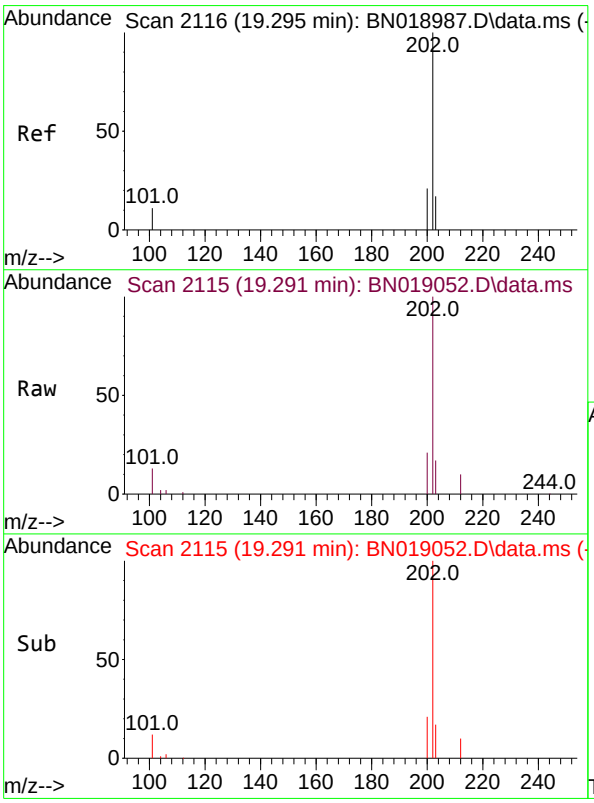
#27
Fluoranthene-d10
Concen: 0.310 ng
RT: 19.261 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN019052.D
Acq: 22 Mar 2022 10:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 14390

Ion	Ratio	Lower	Upper
212	100		
106	15.5	12.7	19.1
104	8.5	7.1	10.7

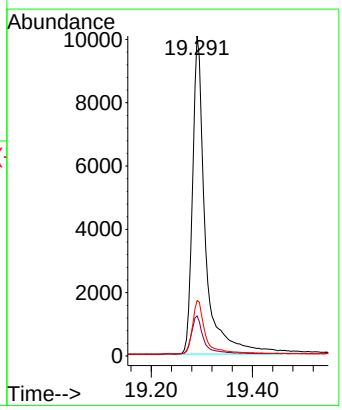


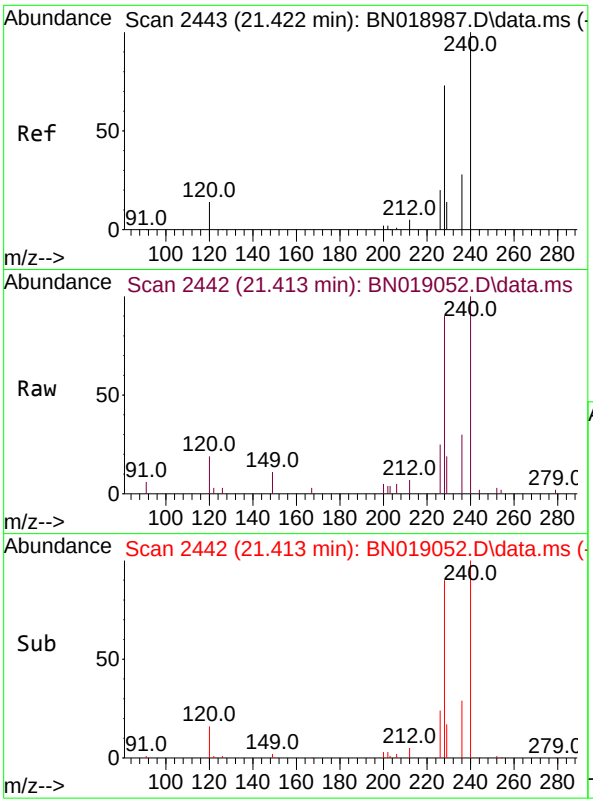


#28
Fluoranthene
Concen: 0.309 ng
RT: 19.291 min Scan# 2115
Delta R.T. -0.004 min
Lab File: BN019052.D
Acq: 22 Mar 2022 10:04

Tgt Ion:202 Resp: 17715

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.8	14.6
203	17.0	13.7	20.5



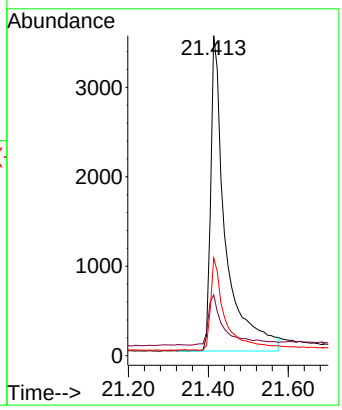


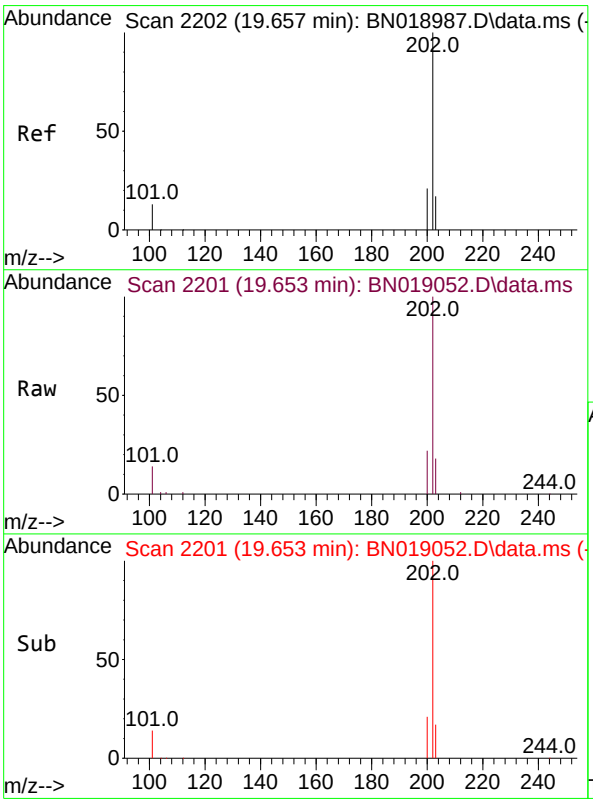
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.413 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN019052.D
Acq: 22 Mar 2022 10:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 9108

Ion	Ratio	Lower	Upper
240	100		
120	19.0	8.5	12.7#
236	30.5	22.4	33.6

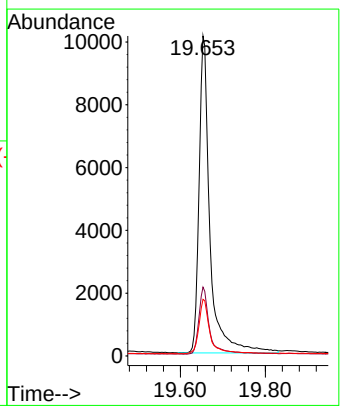


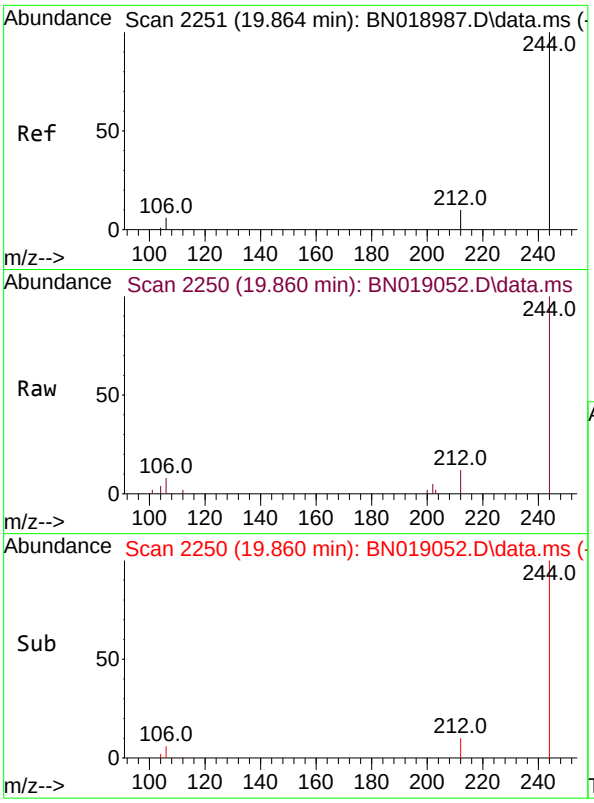


#30
Pyrene
Concen: 0.396 ng
RT: 19.653 min Scan# 2201
Delta R.T. -0.004 min
Lab File: BN019052.D
Acq: 22 Mar 2022 10:04

Tgt Ion:202 Resp: 17967

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.9	25.3
203	17.6	14.2	21.2



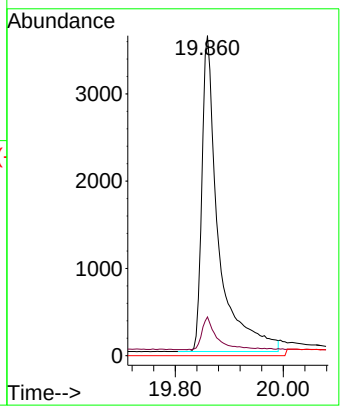


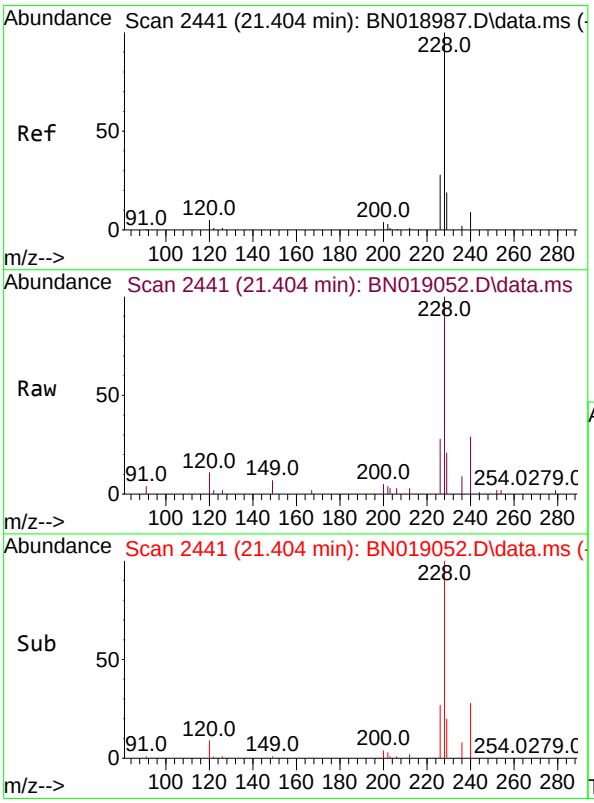
#31
Terphenyl-d14
Concen: 0.345 ng
RT: 19.860 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN019052.D
Acq: 22 Mar 2022 10:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 7712

Ion	Ratio	Lower	Upper
244	100		
212	12.1	8.2	12.4
122	0.0	0.0	0.0

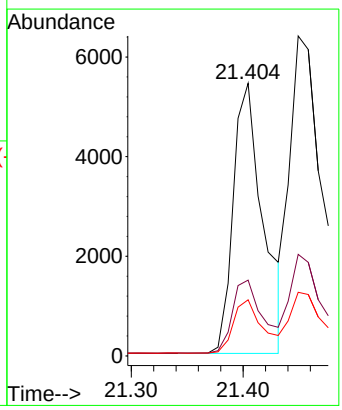


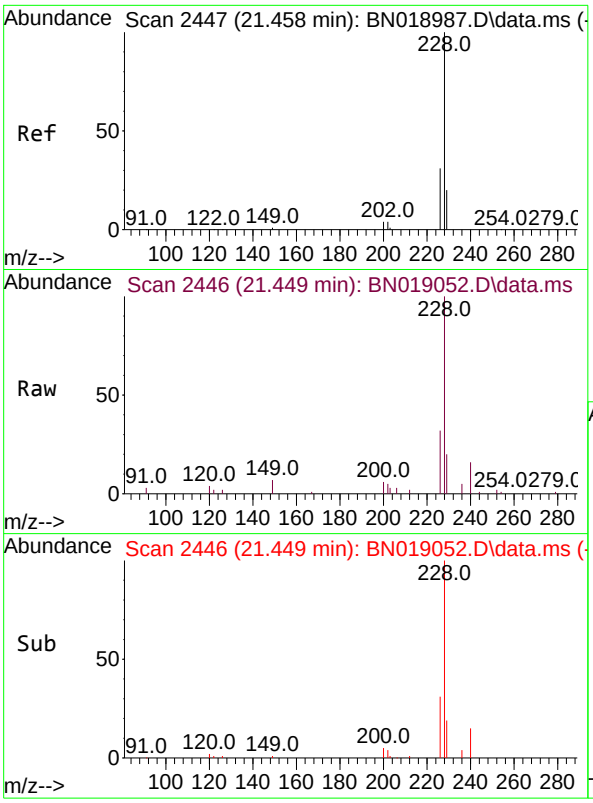


#32
Benzo(a)anthracene
Concen: 0.358 ng
RT: 21.404 min Scan# 2441
Delta R.T. -0.000 min
Lab File: BN019052.D
Acq: 22 Mar 2022 10:04

Tgt Ion:228 Resp: 10050

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.9	32.9
229	20.6	16.0	24.0



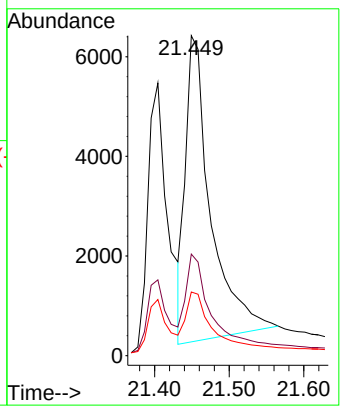


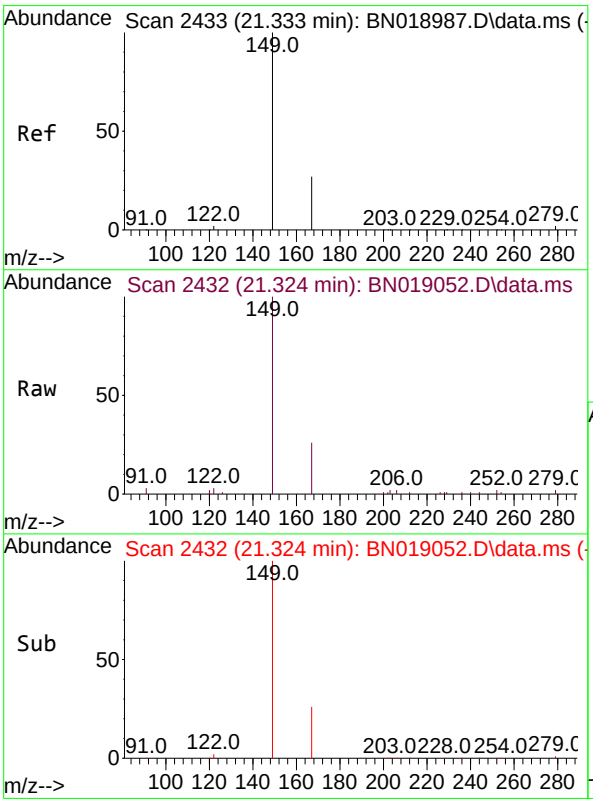
#33
Chrysene
Concen: 0.380 ng
RT: 21.449 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN019052.D
Acq: 22 Mar 2022 10:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 14373

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.0	36.0
229	19.9	15.9	23.9

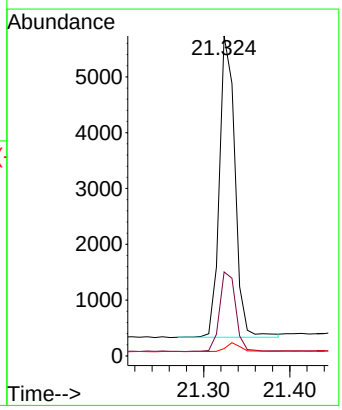


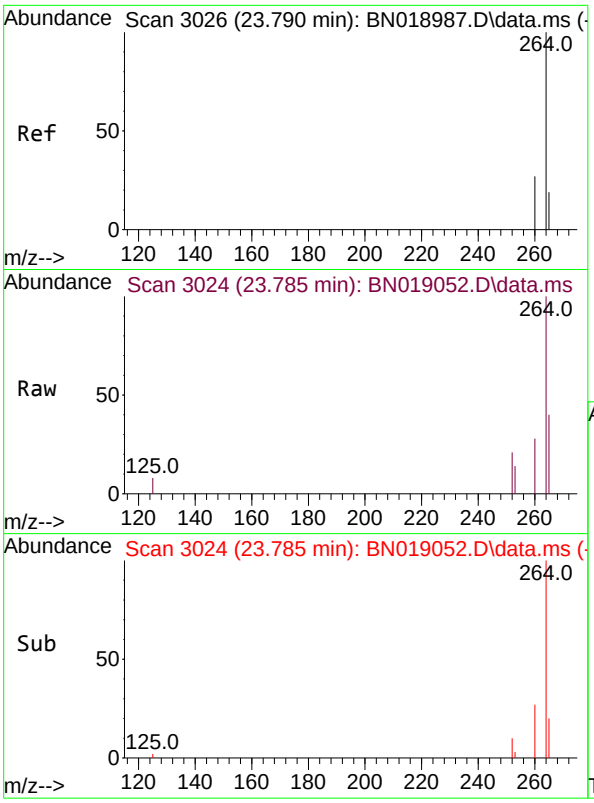


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.362 ng
RT: 21.324 min Scan# 2432
Delta R.T. -0.009 min
Lab File: BN019052.D
Acq: 22 Mar 2022 10:04

Tgt Ion:149 Resp: 6744

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.8	32.8
279	2.9	2.0	3.0



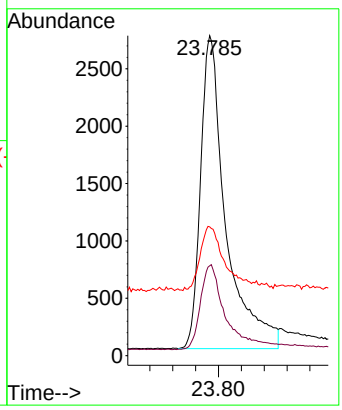


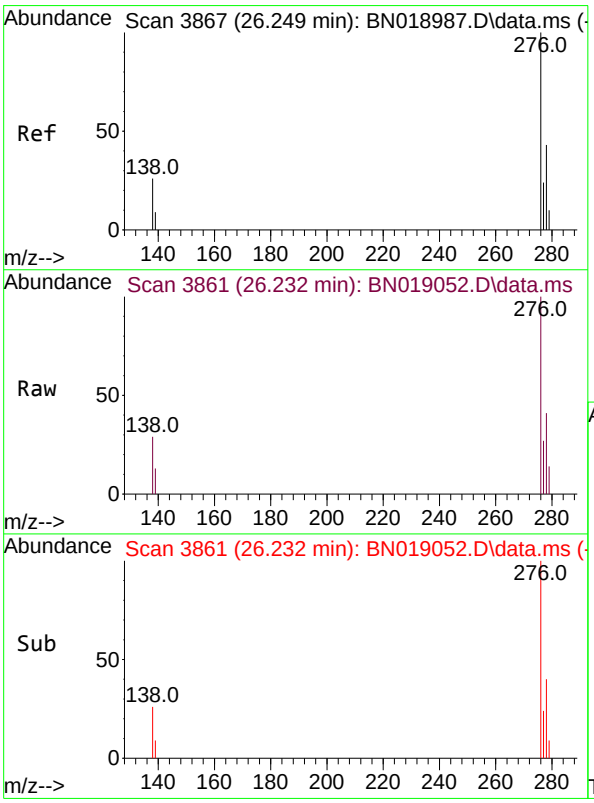
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.785 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN019052.D
Acq: 22 Mar 2022 10:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 8368

Ion	Ratio	Lower	Upper
264	100		
260	28.1	22.4	33.6
265	40.3	25.3	37.9#

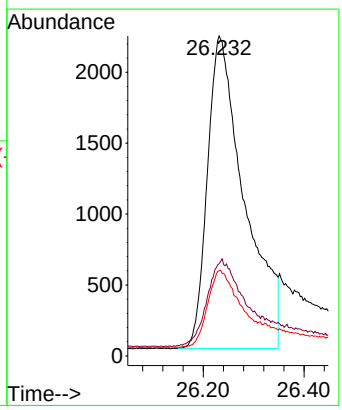


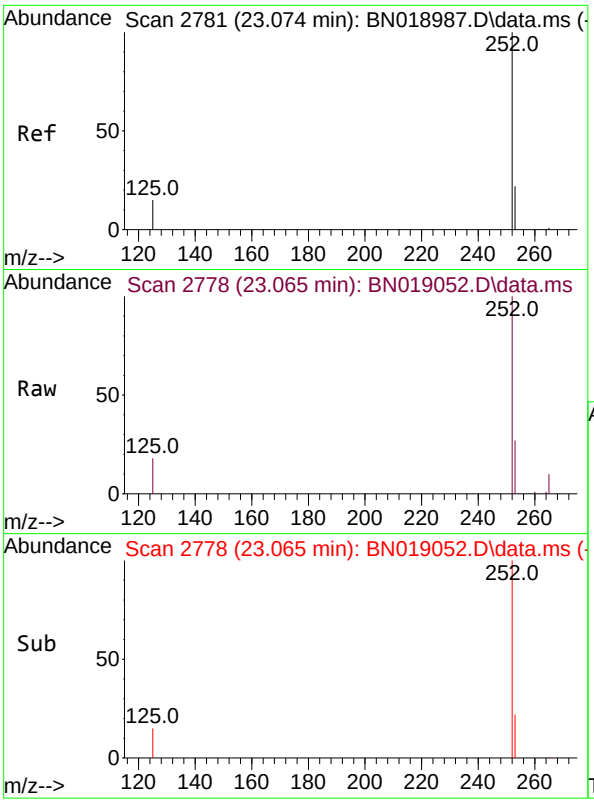


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.374 ng
RT: 26.232 min Scan# 3861
Delta R.T. -0.018 min
Lab File: BN019052.D
Acq: 22 Mar 2022 10:04

Tgt Ion:276 Resp: 11282

Ion	Ratio	Lower	Upper
276	100		
138	26.0	24.5	36.7
277	22.6	19.8	29.8



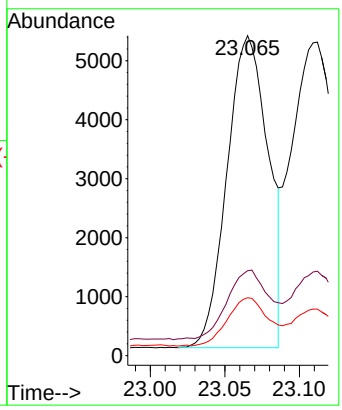


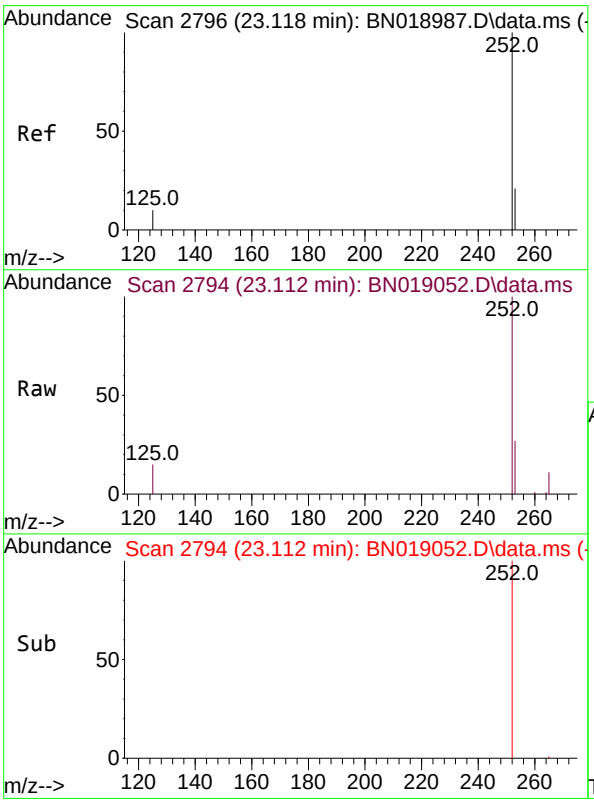
#37
Benzo(b)fluoranthene
Concen: 0.333 ng
RT: 23.065 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN019052.D
Acq: 22 Mar 2022 10:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 10162

Ion	Ratio	Lower	Upper
252	100		
253	26.5	18.9	28.3
125	18.1	12.1	18.1

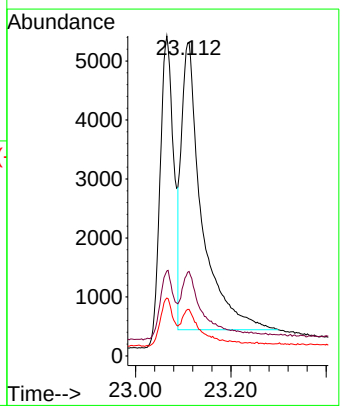


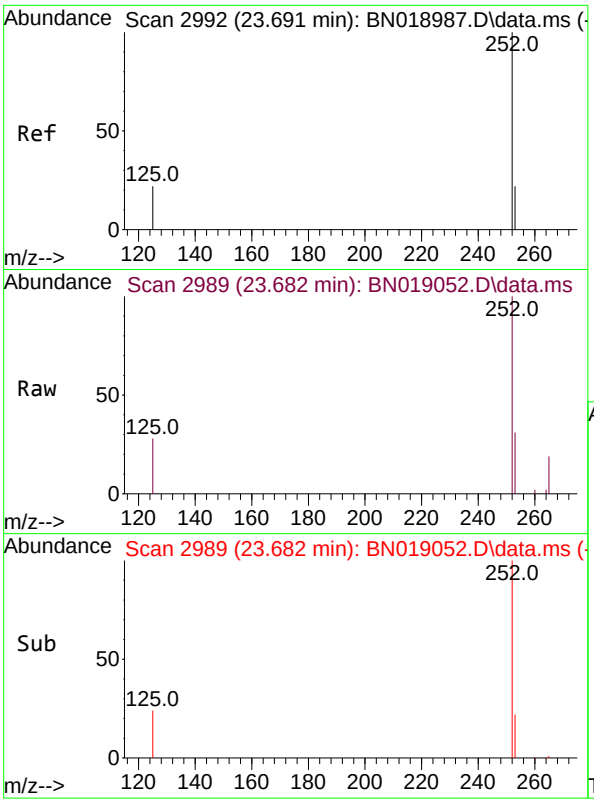


#38
Benzo(k)fluoranthene
Concen: 0.348 ng
RT: 23.112 min Scan# 2794
Delta R.T. -0.006 min
Lab File: BN019052.D
Acq: 22 Mar 2022 10:04

Tgt Ion:252 Resp: 14546

Ion	Ratio	Lower	Upper
252	100		
253	26.9	18.9	28.3
125	14.8	10.3	15.5



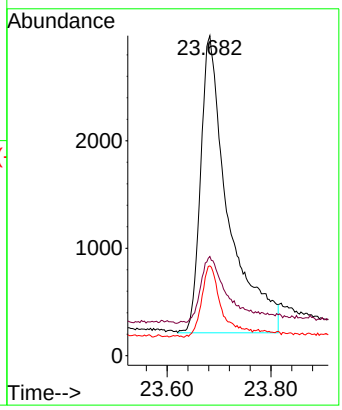


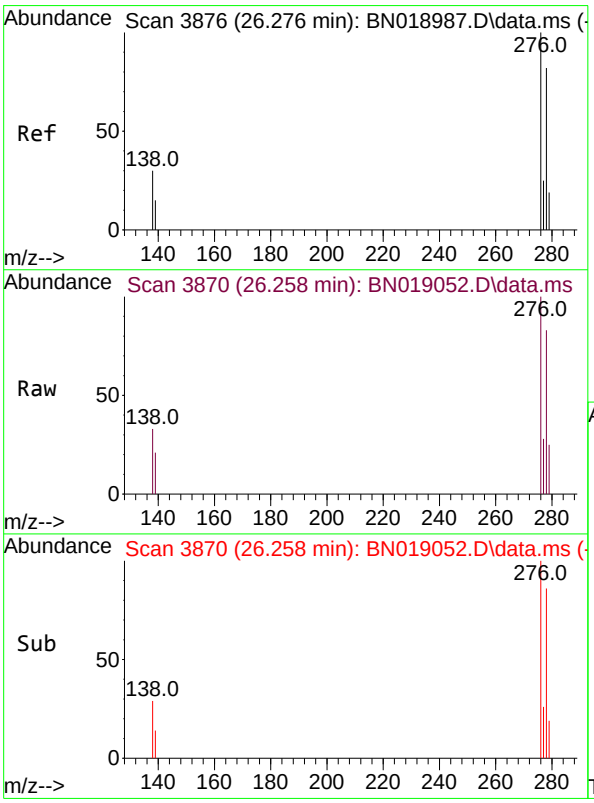
#39
Benzo(a)pyrene
Concen: 0.367 ng
RT: 23.682 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN019052.D
Acq: 22 Mar 2022 10:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 10197

Ion	Ratio	Lower	Upper
252	100		
253	31.0	20.1	30.1#
125	28.0	15.2	22.8#

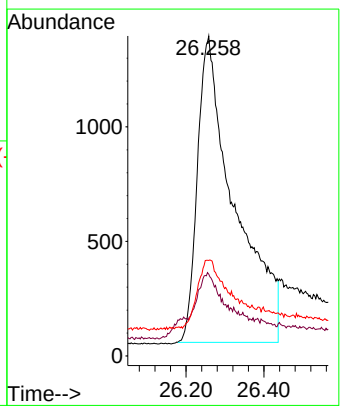


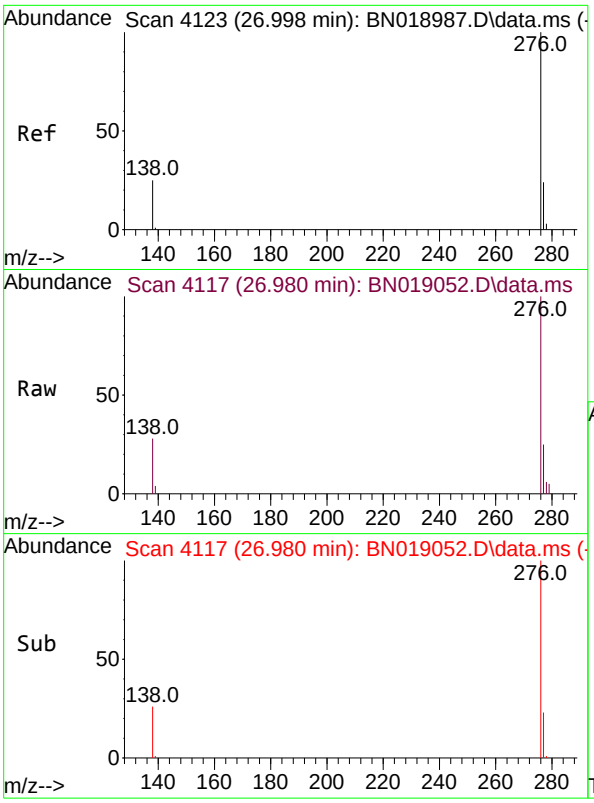


#40
Dibenzo(a,h)anthracene
Concen: 0.376 ng
RT: 26.258 min Scan# 3870
Delta R.T. -0.018 min
Lab File: BN019052.D
Acq: 22 Mar 2022 10:04

Tgt Ion:278 Resp: 8836

Ion	Ratio	Lower	Upper
278	100		
139	25.6	17.2	25.8
279	29.8	19.9	29.9





#41
Benzo(g,h,i)perylene
Concen: 0.439 ng
RT: 26.980 min Scan# 4
Delta R.T. -0.018 min
Lab File: BN019052.D
Acq: 22 Mar 2022 10:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 13018

Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.4	29.0
138	27.6	21.0	31.6