Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060822\
Data File : BN020068.D
Acq On : 08 Jun 2022 18:58
Operator : CG/JU
Sample : SP5914
Misc : 8270 SIM SPIKE
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SP5914

Quant Time: Jun 09 01:54:29 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 09 01:49:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	3977	0.400	ng	0.00
7) Naphthalene-d8	10.616	136	12351	0.400	ng	0.00
13) Acenaphthene-d10	14.452	164	7180	0.400	ng	0.01
19) Phenanthrene-d10	17.185	188	15969	0.400	ng	# 0.00
29) Chrysene-d12	21.378	240	11599	0.400	ng	# 0.00
35) Perylene-d12	23.709	264	8366	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.428	112	16	0.002	ng	0.01
5) Phenol-d6	7.002	99	46	0.004	ng	0.00
8) Nitrobenzene-d5	8.982	82	45	0.005	ng	0.01
11) 2-Methylnaphthalene-d10	12.170	152	619	0.029	ng	-0.03
14) 2,4,6-Tribromophenol	15.944	330	6	0.002	ng	0.01
15) 2-Fluorobiphenyl	13.084	172	212	0.007	ng	0.01
27) Fluoranthene-d10	19.227	212	6	0.000	ng	0.00
31) Terphenyl-d14	19.822	244	253	0.009	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.326	88	1599	0.339	ng	# 81
3) n-Nitrosodimethylamine	3.644	42	2082	0.403	ng	# 95
6) bis(2-Chloroethyl)ether	7.255	93	4531	0.373	ng	97
9) Naphthalene	10.658	128	13915	0.371	ng	99
10) Hexachlorobutadiene	10.957	225	2433	0.357	ng	# 100
12) 2-Methylnaphthalene	12.280	142	9145	0.358	ng	99
16) Acenaphthylene	14.164	152	13329	0.396	ng	98
17) Acenaphthene	14.506	154	8661	0.348	ng	95
18) Fluorene	15.500	166	11473	0.364	ng	100
20) 4,6-Dinitro-2-methylph...	15.586	198	451	0.197	ng	# 68
21) 4-Bromophenyl-phenylether	16.385	248	3390	0.347	ng	95
22) Hexachlorobenzene	16.508	284	3815	0.353	ng	100
23) Atrazine	16.651	200	2254	0.354	ng	97
24) Pentachlorophenol	16.846	266	1883	0.451	ng	96
25) Phenanthrene	17.226	178	19295	0.349	ng	100
26) Anthracene	17.318	178	16849	0.360	ng	100
28) Fluoranthene	19.253	202	19023	0.321	ng	100
30) Pyrene	19.615	202	19482	0.396	ng	100
32) Benzo(a)anthracene	21.360	228	15021	0.355	ng	98
33) Chrysene	21.413	228	17150	0.362	ng	99
34) Bis(2-ethylhexyl)phtha...	21.297	149	6792	0.386	ng	100
36) Indeno(1,2,3-cd)pyrene	26.103	276	12878	0.329	ng	100
37) Benzo(b)fluoranthene	23.004	252	14379	0.394	ng	99
38) Benzo(k)fluoranthene	23.051	252	14458	0.373	ng	98
39) Benzo(a)pyrene	23.609	252	12000	0.418	ng	98
40) Dibenzo(a,h)anthracene	26.118	278	10831	0.343	ng	98
41) Benzo(g,h,i)perylene	26.834	276	11616	0.358	ng	99

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

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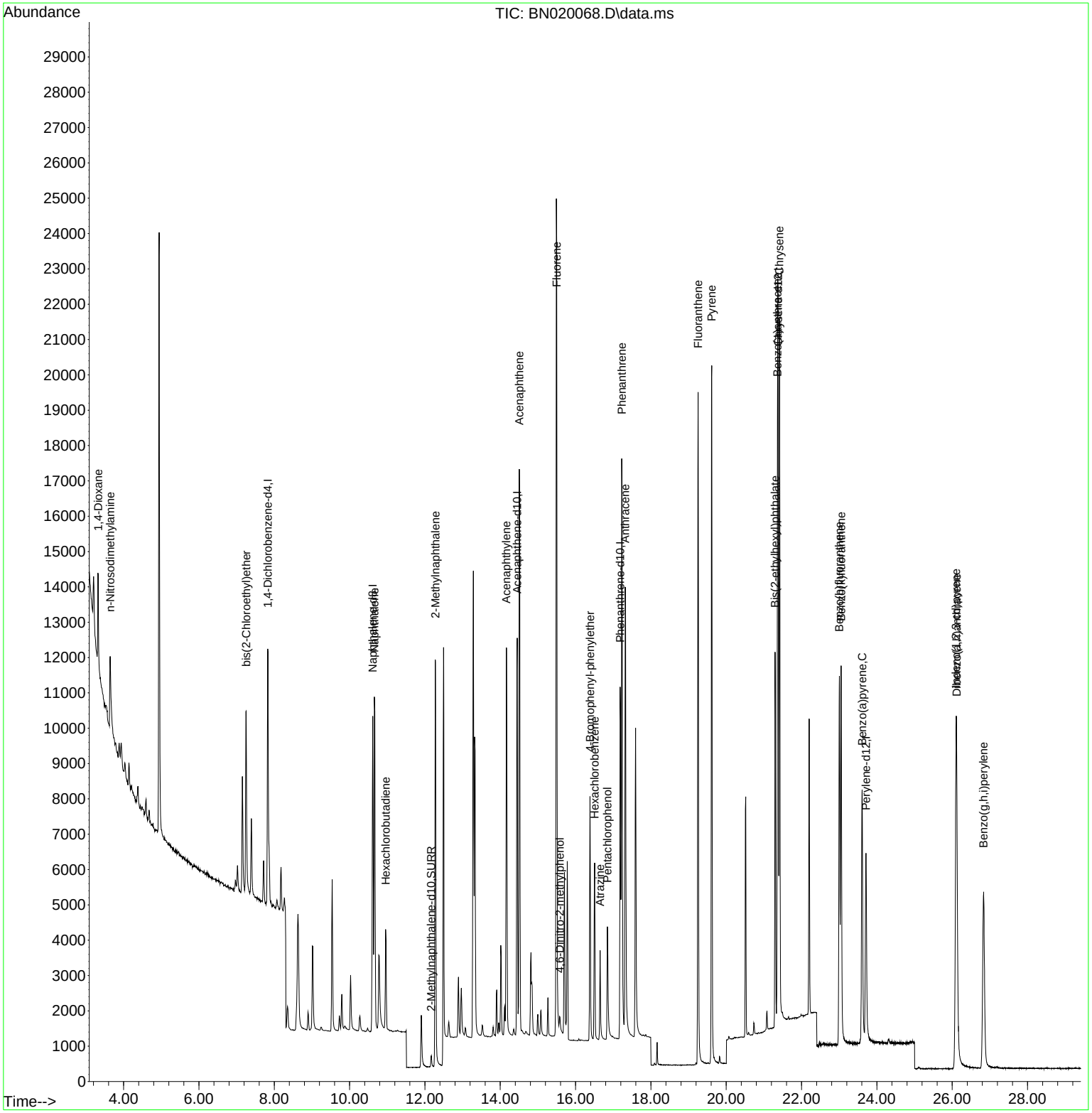
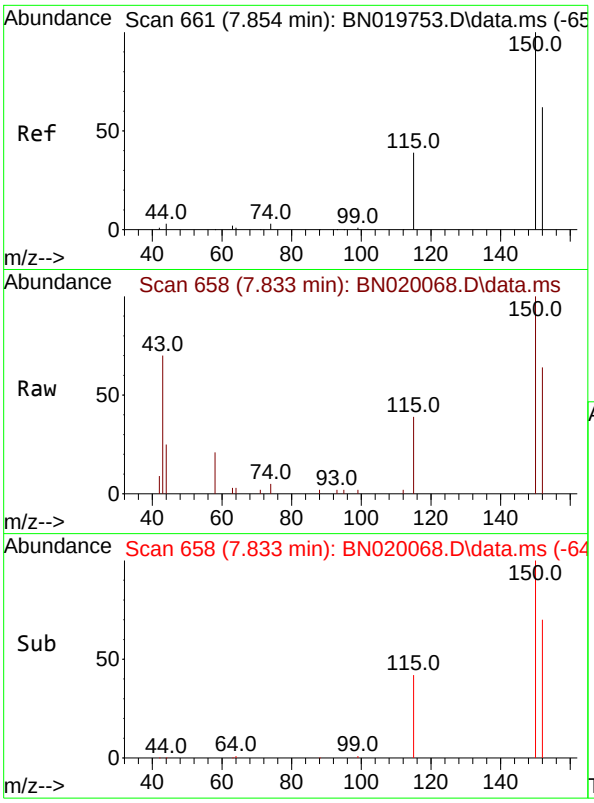
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 09 01:49:56 2022
Response via : Initial Calibration



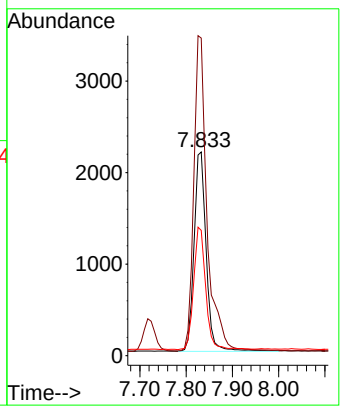


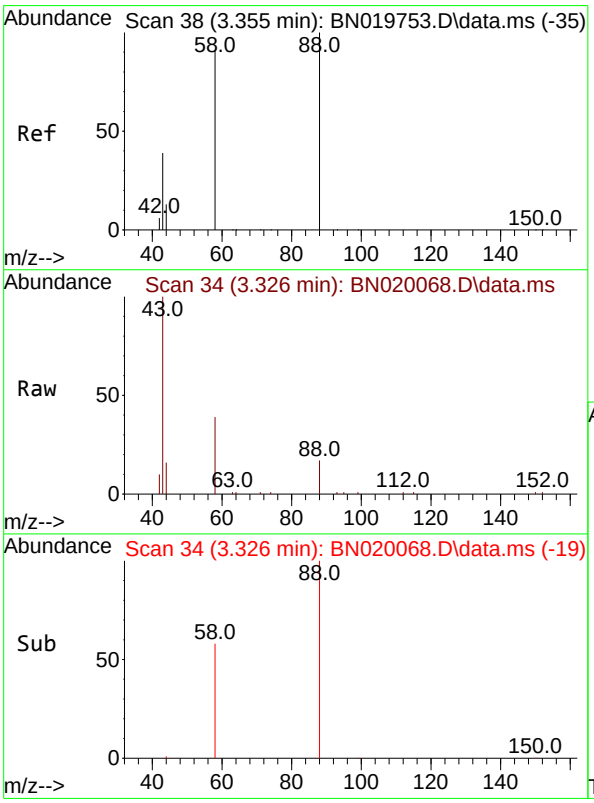
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.833 min Scan# 6
Delta R.T. 0.008 min
Lab File: BN020068.D
Acq: 08 Jun 2022 18:58

Instrument :
BNA_N
ClientSampleId :
SP5914

Tgt Ion:152 Resp: 3977

Ion	Ratio	Lower	Upper
152	100		
150	155.9	127.9	191.9
115	61.5	51.4	77.2

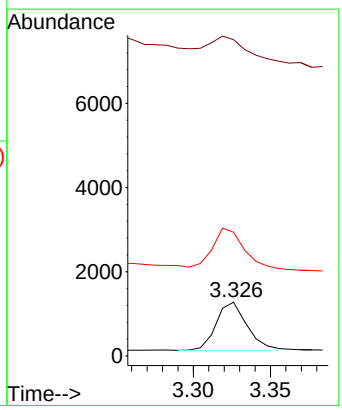


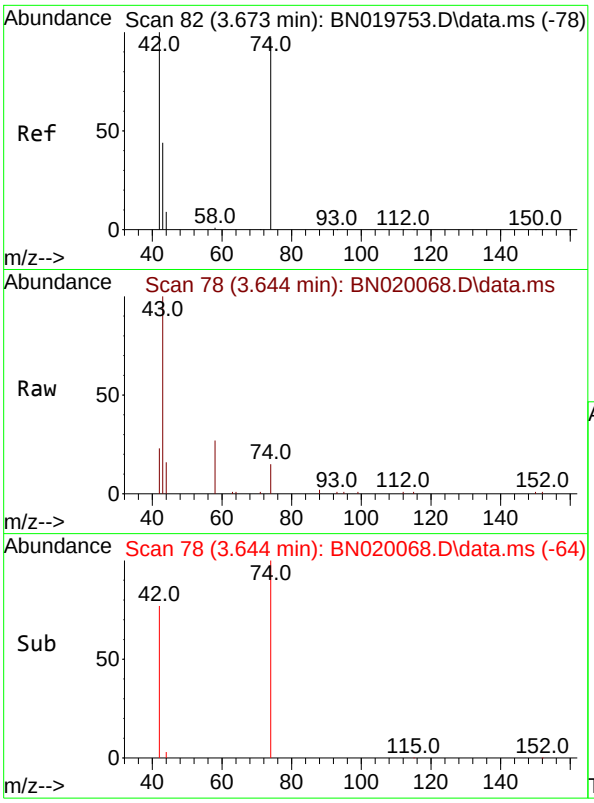


#2
1,4-Dioxane
Concen: 0.339 ng
RT: 3.326 min Scan# 34
Delta R.T. 0.007 min
Lab File: BN020068.D
Acq: 08 Jun 2022 18:58

Tgt Ion: 88 Resp: 1599

Ion	Ratio	Lower	Upper
88	100		
43	62.6	30.2	45.2#
58	81.6	73.0	109.6



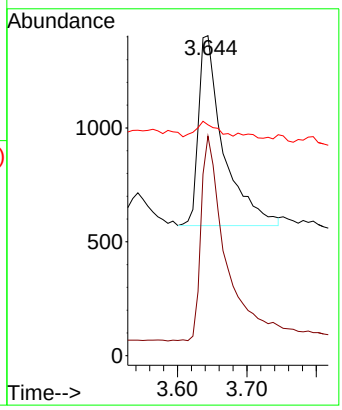


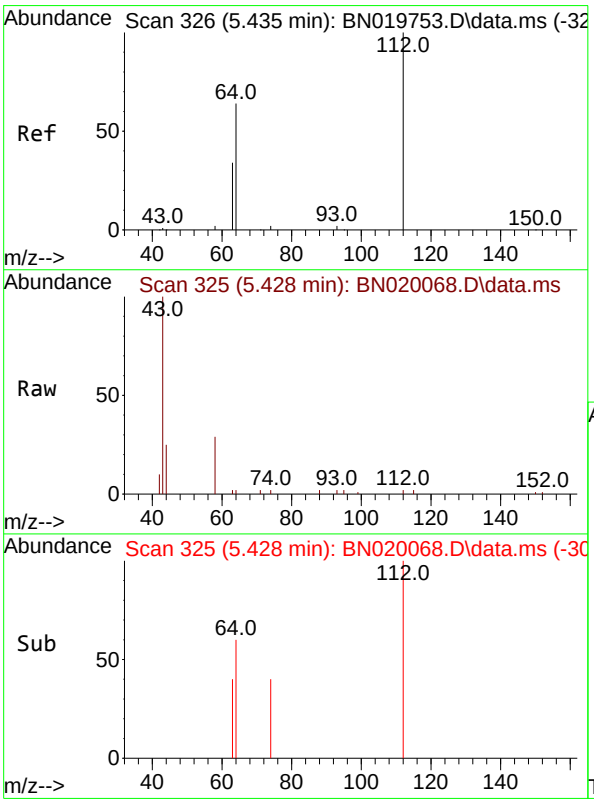
#3
n-Nitrosodimethylamine
Concen: 0.403 ng
RT: 3.644 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN020068.D
Acq: 08 Jun 2022 18:58

Instrument :
BNA_N
ClientSampleId :
SP5914

Tgt Ion: 42 Resp: 2082

Ion	Ratio	Lower	Upper
42	100		
74	109.3	84.0	126.0
44	6.2	9.8	14.8#

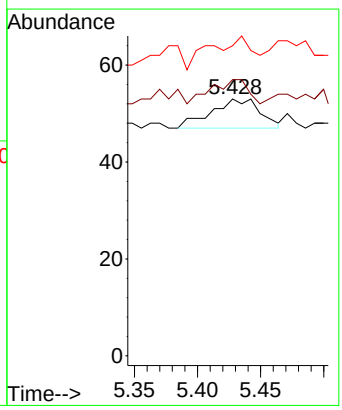


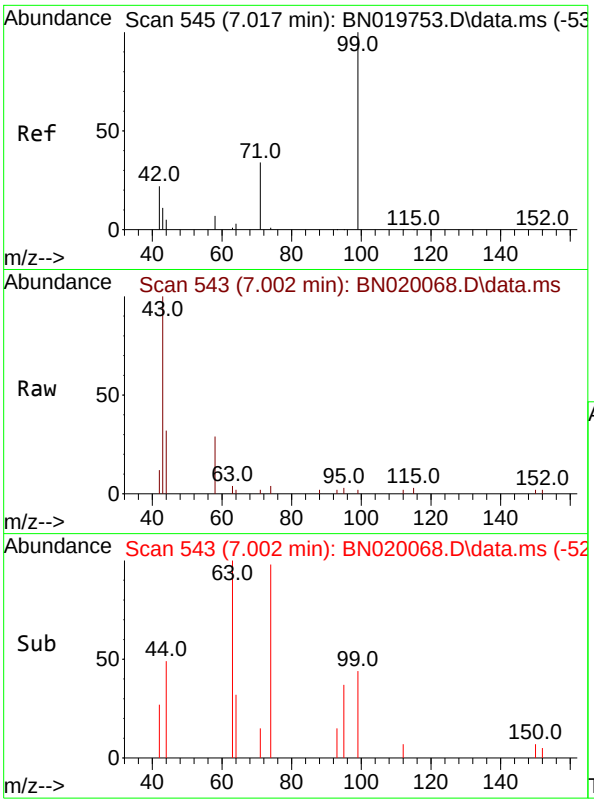


#4
2-Fluorophenol
Concen: 0.002 ng
RT: 5.428 min Scan# 325
Delta R.T. 0.014 min
Lab File: BN020068.D
Acq: 08 Jun 2022 18:58

Tgt Ion:112 Resp: 16

Ion	Ratio	Lower	Upper
112	100		
64	62.5	49.1	73.7
63	100.0	26.3	39.5#



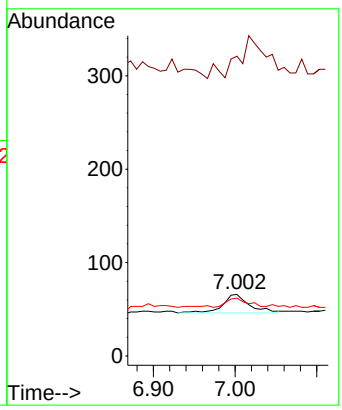


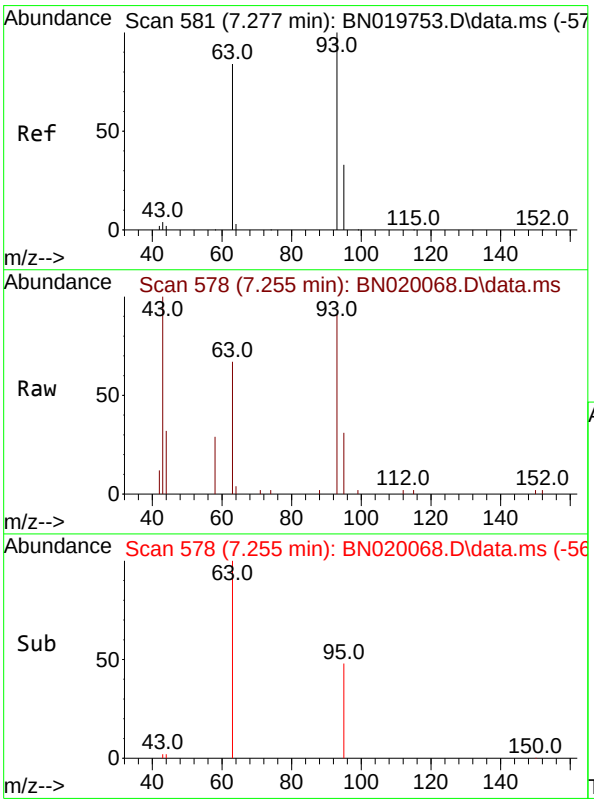
#5
Phenol-d6
Concen: 0.004 ng
RT: 7.002 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN020068.D
Acq: 08 Jun 2022 18:58

Instrument :
BNA_N
ClientSampleId :
SP5914

Tgt Ion: 99 Resp: 46

Ion	Ratio	Lower	Upper
99	100		
42	226.1	19.3	28.9#
71	39.1	27.5	41.3

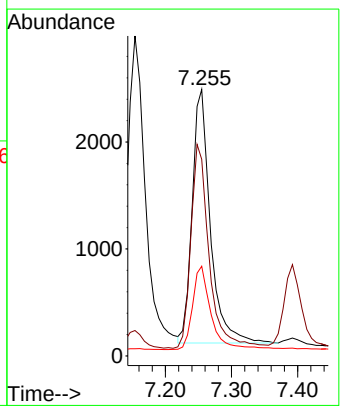


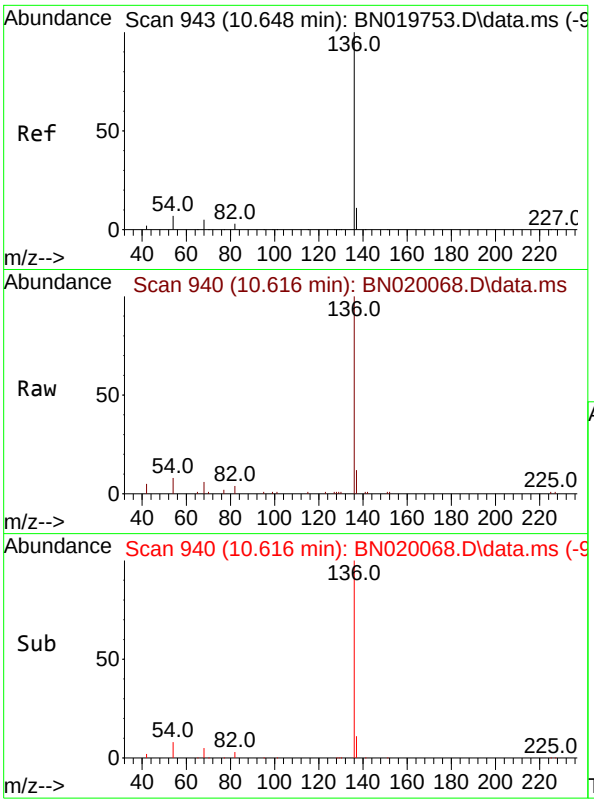


#6
bis(2-Chloroethyl)ether
Concen: 0.373 ng
RT: 7.255 min Scan# 578
Delta R.T. 0.000 min
Lab File: BN020068.D
Acq: 08 Jun 2022 18:58

Tgt Ion: 93 Resp: 4531

Ion	Ratio	Lower	Upper
93	100		
63	80.9	67.4	101.0
95	34.1	26.5	39.7



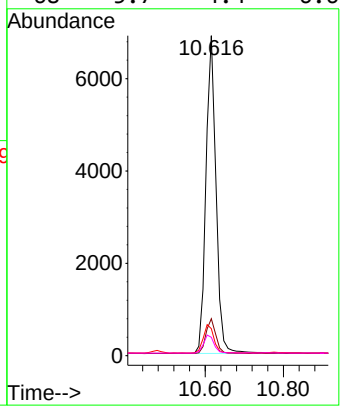


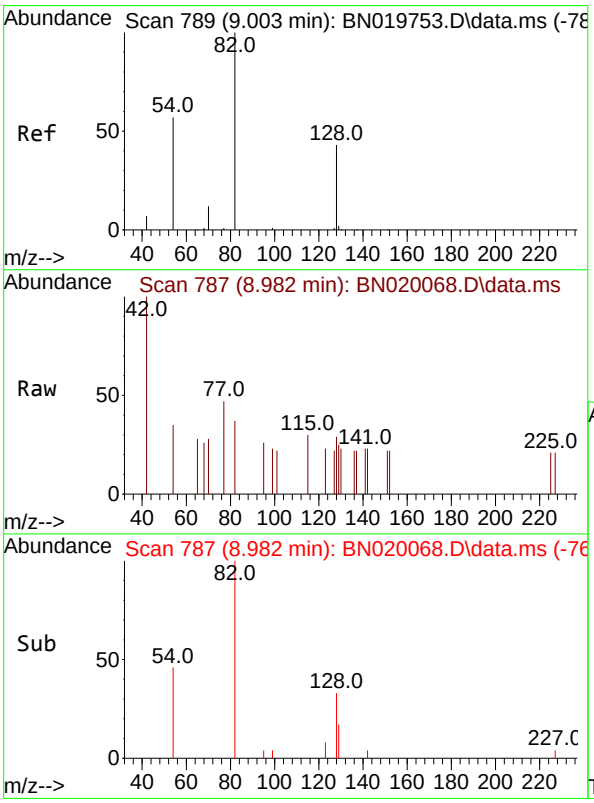
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.616 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN020068.D
Acq: 08 Jun 2022 18:58

Instrument :
BNA_N
ClientSampleId :
SP5914

Tgt Ion:136 Resp: 12351

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	8.5	6.2	9.2
68	5.7	4.4	6.6

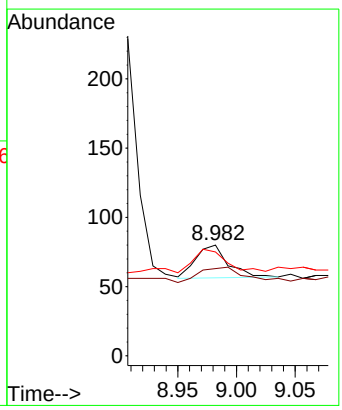


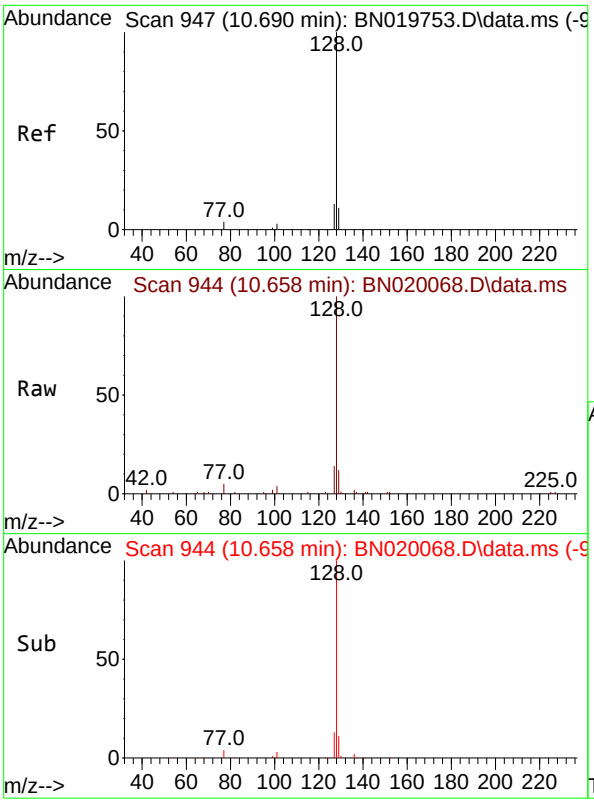


#8
Nitrobenzene-d5
Concen: 0.005 ng
RT: 8.982 min Scan# 787
Delta R.T. 0.011 min
Lab File: BN020068.D
Acq: 08 Jun 2022 18:58

Tgt Ion: 82 Resp: 45

Ion	Ratio	Lower	Upper
82	100		
128	78.8	35.0	52.6#
54	93.8	46.2	69.4#



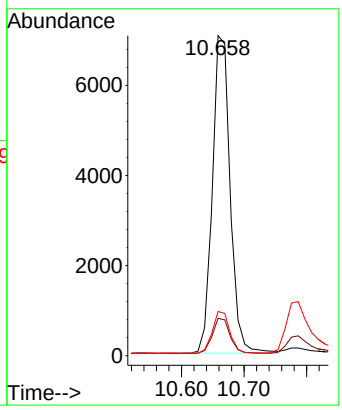


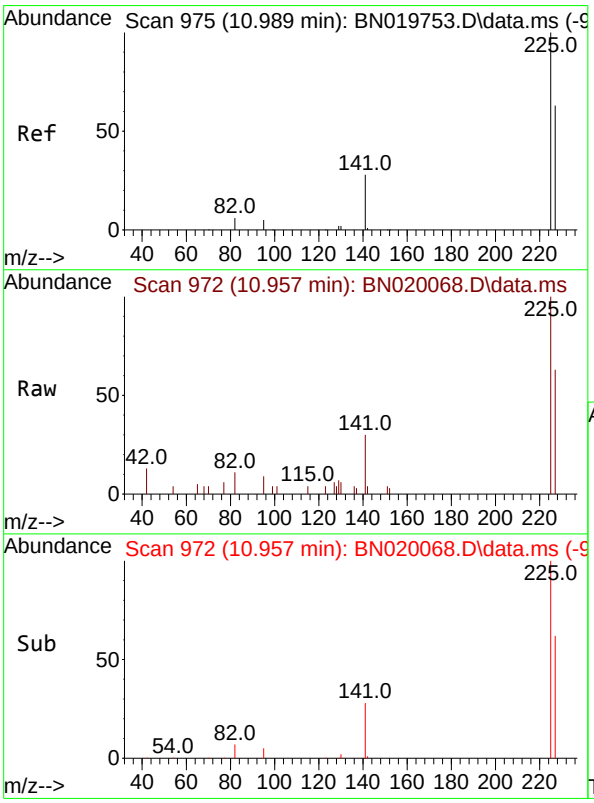
#9
Naphthalene
Concen: 0.371 ng
RT: 10.658 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN020068.D
Acq: 08 Jun 2022 18:58

Instrument :
BNA_N
ClientSampleId :
SP5914

Tgt Ion:128 Resp: 13915

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.9	13.3
127	13.8	10.8	16.2

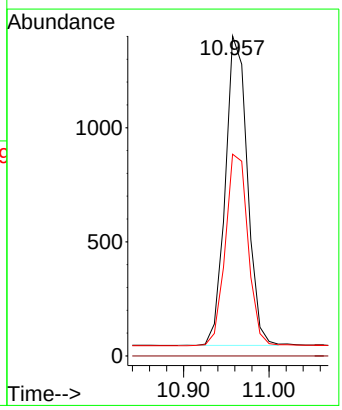


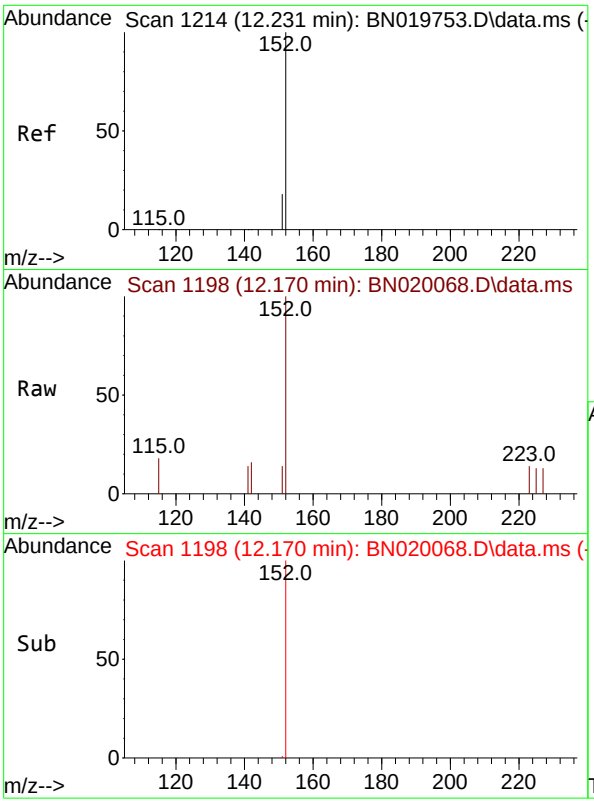


#10
Hexachlorobutadiene
Concen: 0.357 ng
RT: 10.957 min Scan# 972
Delta R.T. 0.000 min
Lab File: BN020068.D
Acq: 08 Jun 2022 18:58

Tgt Ion:225 Resp: 2433

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	50.9	76.3



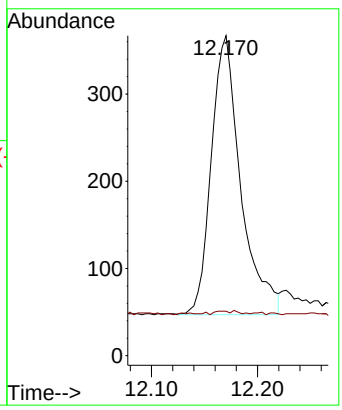


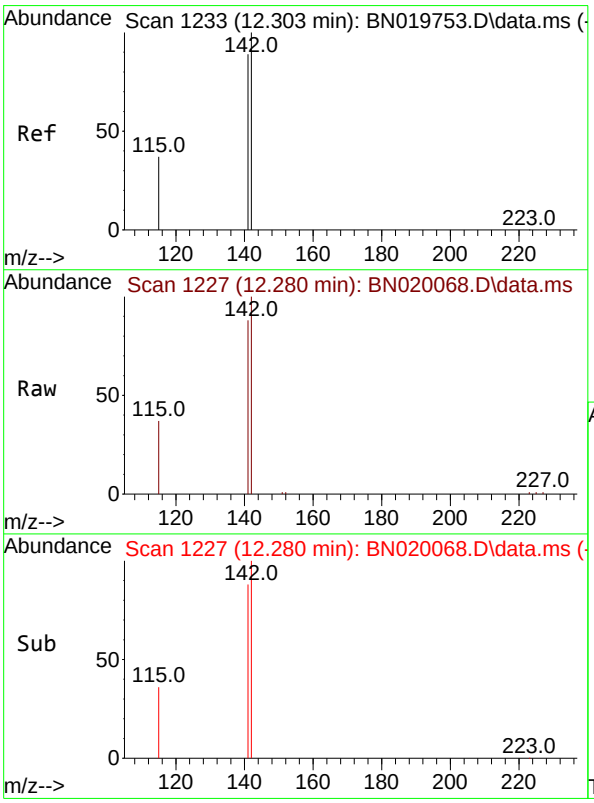
#11
2-Methylnaphthalene-d10
Concen: 0.029 ng
RT: 12.170 min Scan# 11
Delta R.T. -0.034 min
Lab File: BN020068.D
Acq: 08 Jun 2022 18:58

Instrument :
BNA_N
ClientSampleId :
SP5914

Tgt Ion:152 Resp: 619

Ion	Ratio	Lower	Upper
152	100		
151	0.6	16.2	24.4#

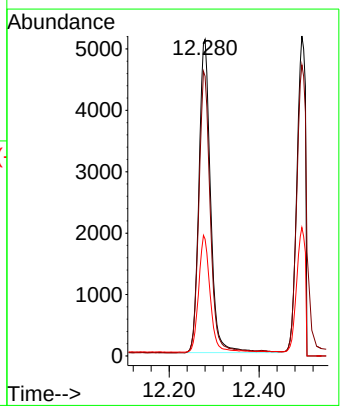


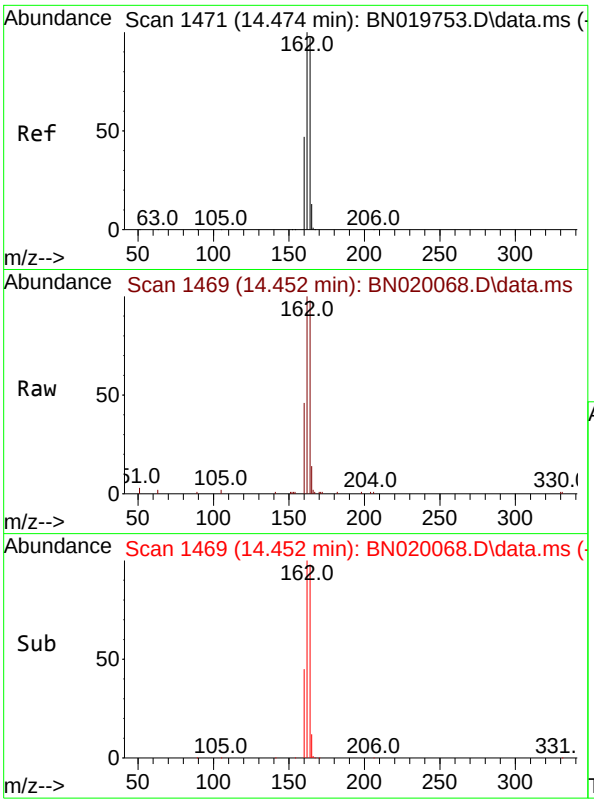


#12
2-Methylnaphthalene
Concen: 0.358 ng
RT: 12.280 min Scan# 1227
Delta R.T. 0.004 min
Lab File: BN020068.D
Acq: 08 Jun 2022 18:58

Tgt Ion:142 Resp: 9145

Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.6	107.4
115	36.9	29.8	44.8



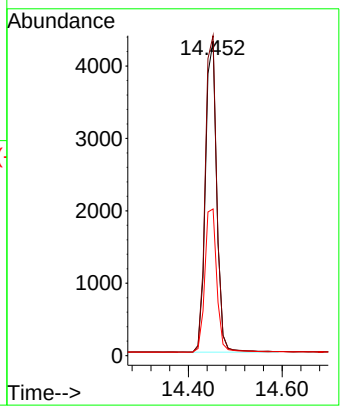


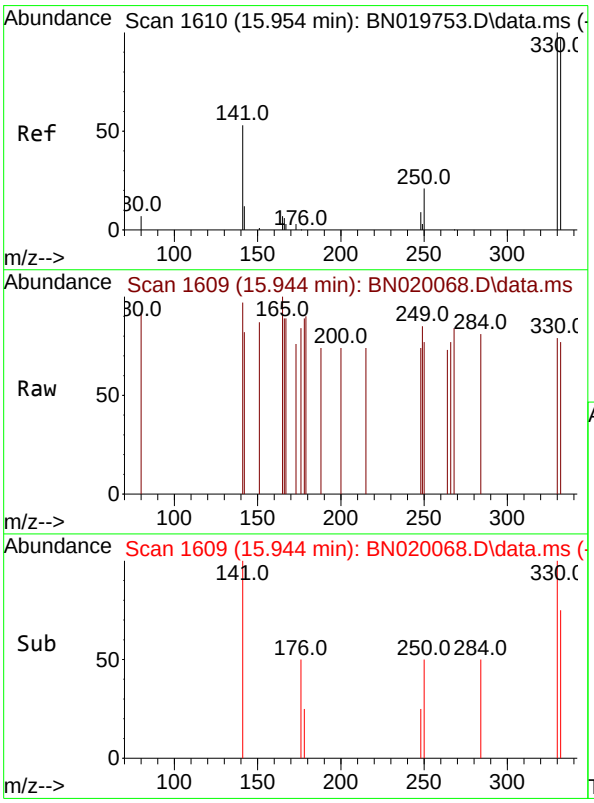
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.452 min Scan# 14
Delta R.T. 0.011 min
Lab File: BN020068.D
Acq: 08 Jun 2022 18:58

Instrument :
BNA_N
ClientSampleId :
SP5914

Tgt Ion:164 Resp: 7180

Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.1	123.1
160	46.6	38.6	58.0

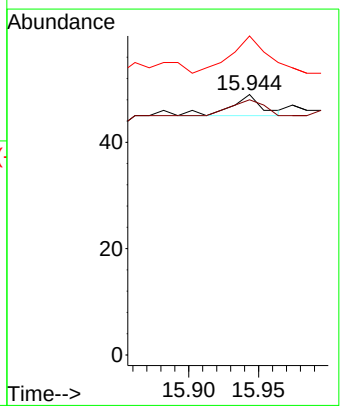


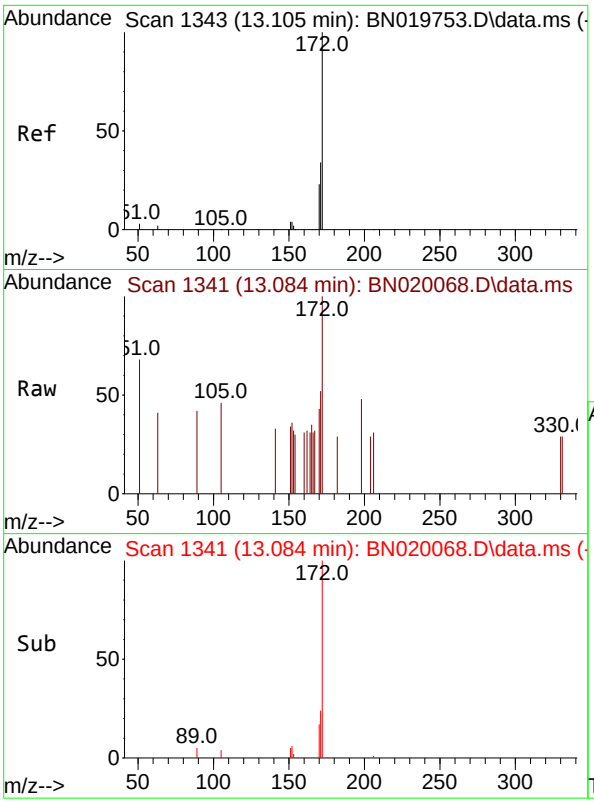


#14
2,4,6-Tribromophenol
Concen: 0.002 ng
RT: 15.944 min Scan# 1609
Delta R.T. 0.010 min
Lab File: BN020068.D
Acq: 08 Jun 2022 18:58

Tgt Ion:330 Resp: 6

Ion	Ratio	Lower	Upper
330	100		
332	83.3	77.6	116.4
141	216.7	41.0	61.4#



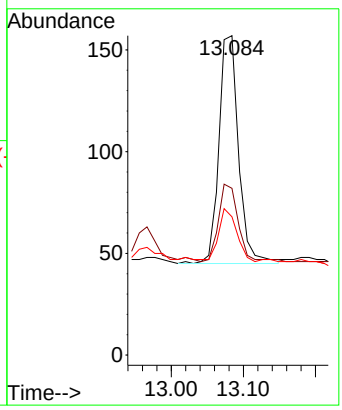


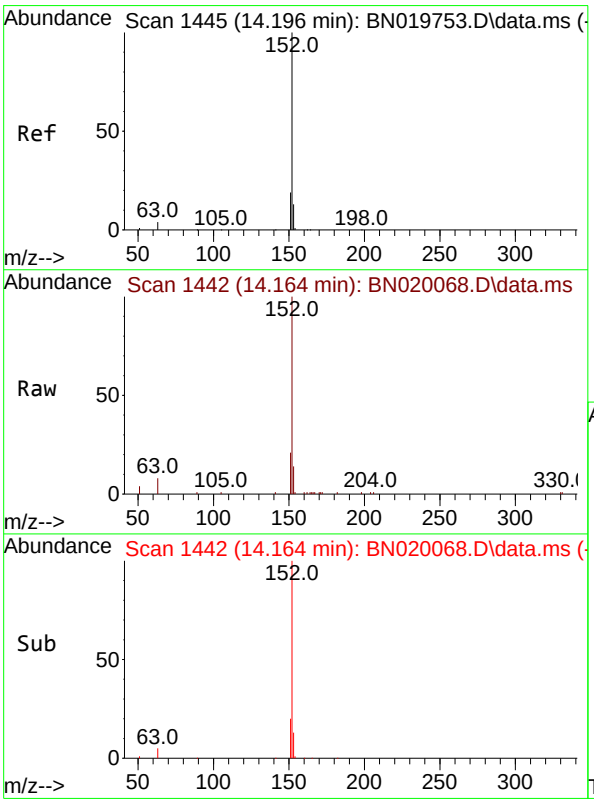
#15
2-Fluorobiphenyl
Concen: 0.007 ng
RT: 13.084 min Scan# 1
Delta R.T. 0.011 min
Lab File: BN020068.D
Acq: 08 Jun 2022 18:58

Instrument :
BNA_N
ClientSampleId :
SP5914

Tgt Ion:172 Resp: 212

Ion	Ratio	Lower	Upper
172	100		
171	52.2	27.2	40.8#
170	43.3	18.2	27.4#

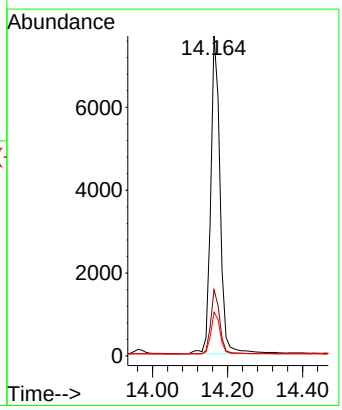


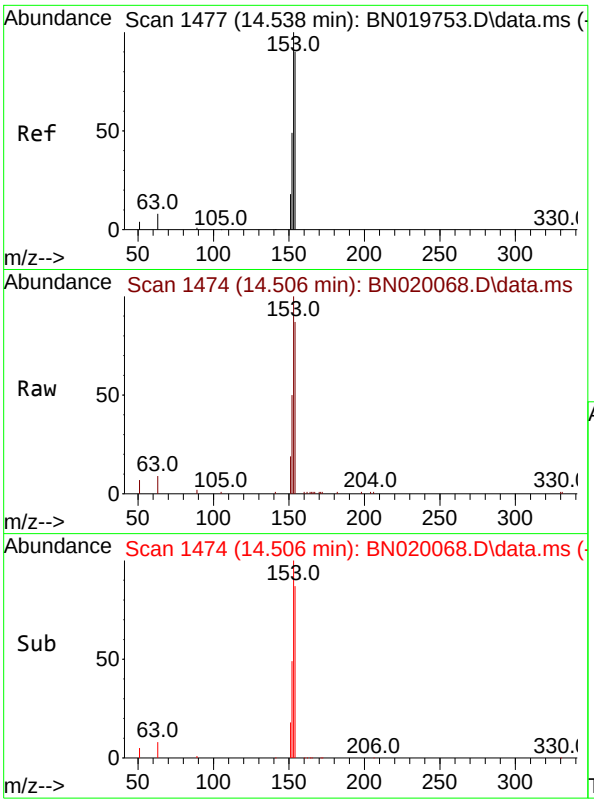


#16
Acenaphthylene
Concen: 0.396 ng
RT: 14.164 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BN020068.D
Acq: 08 Jun 2022 18:58

Tgt Ion:152 Resp: 13329

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.2	24.4
153	13.1	10.7	16.1



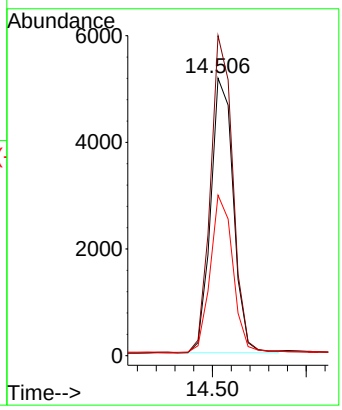


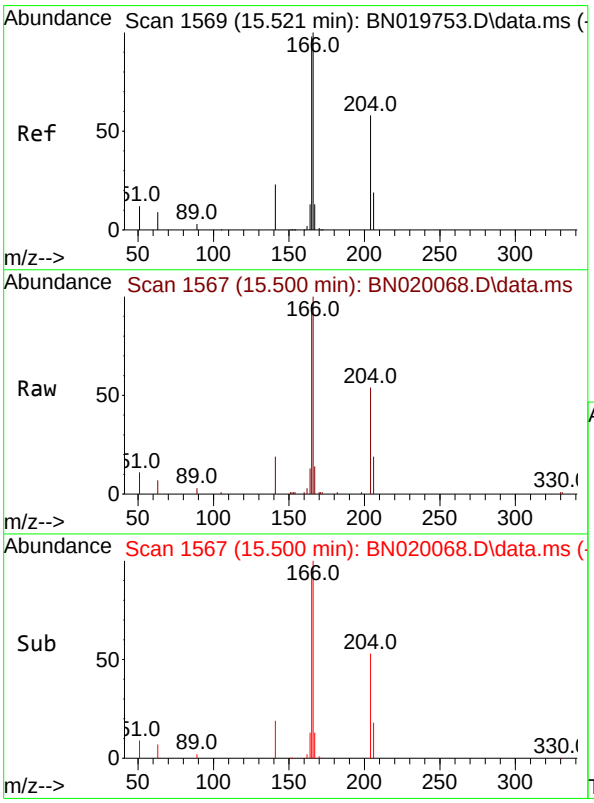
#17
Acenaphthene
Concen: 0.348 ng
RT: 14.506 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN020068.D
Acq: 08 Jun 2022 18:58

Instrument :
BNA_N
ClientSampleId :
SP5914

Tgt Ion:154 Resp: 8661

Ion	Ratio	Lower	Upper
154	100		
153	114.9	87.5	131.3
152	57.2	43.8	65.6

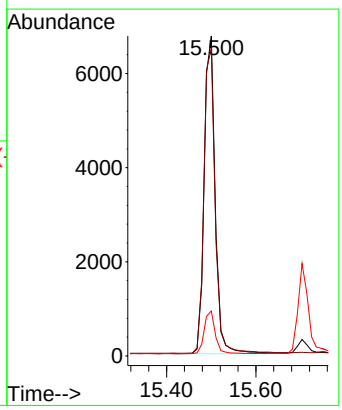


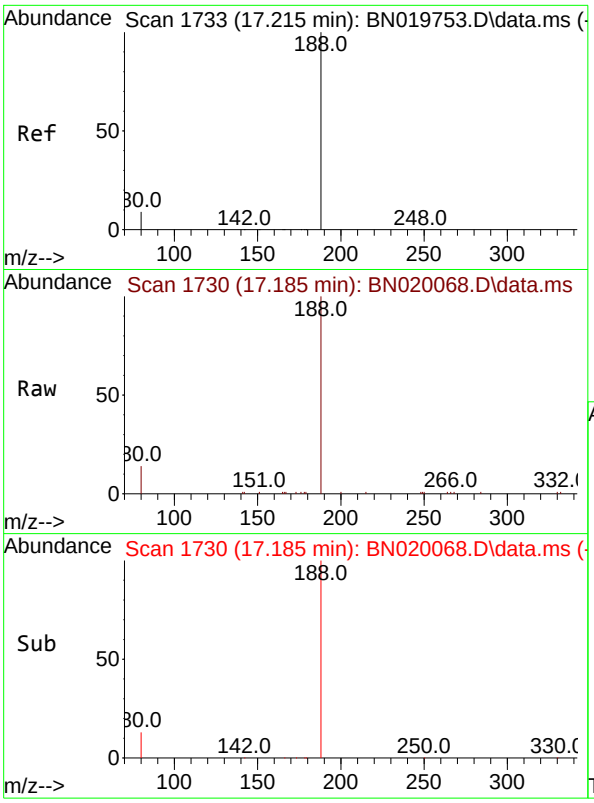


#18
Fluorene
Concen: 0.364 ng
RT: 15.500 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BN020068.D
Acq: 08 Jun 2022 18:58

Tgt Ion:166 Resp: 11473

Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.6	118.0
167	13.5	10.8	16.2



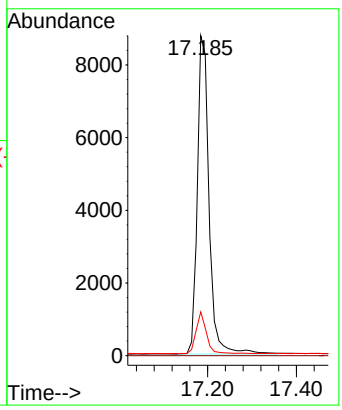


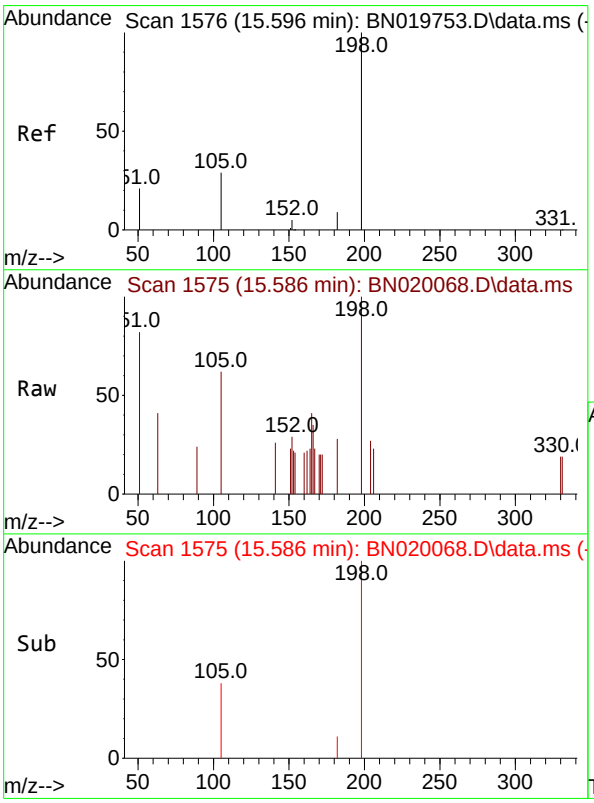
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.185 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN020068.D
Acq: 08 Jun 2022 18:58

Instrument :
BNA_N
ClientSampleId :
SP5914

Tgt Ion:188 Resp: 15969

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.7	7.4	11.2#

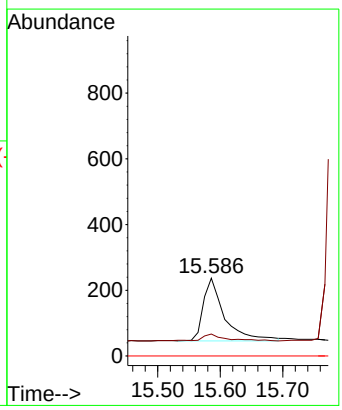


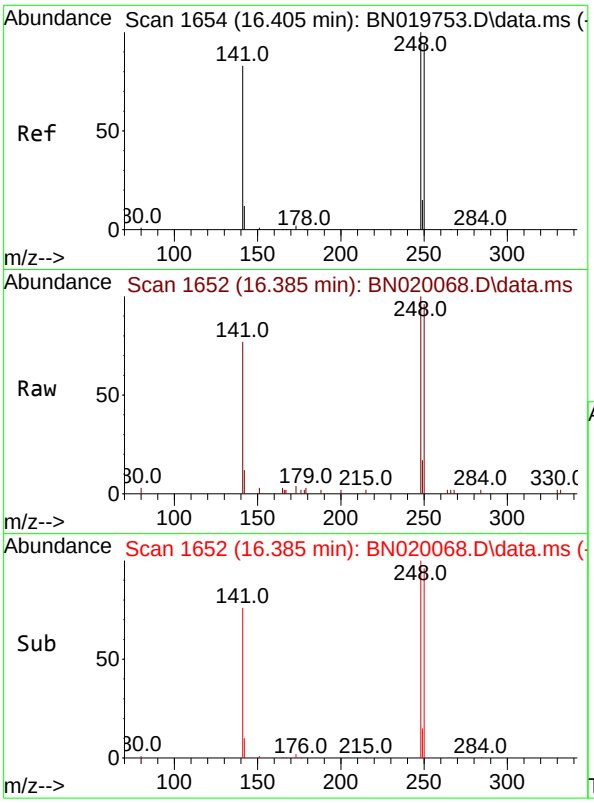


#20
4,6-Dinitro-2-methylphenol
Concen: 0.197 ng
RT: 15.586 min Scan# 1575
Delta R.T. 0.011 min
Lab File: BN020068.D
Acq: 08 Jun 2022 18:58

Tgt Ion:198 Resp: 451

Ion	Ratio	Lower	Upper
198	100		
182	28.3	12.1	18.1#
77	0.0	0.0	0.0



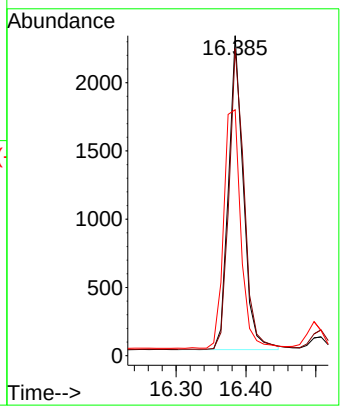


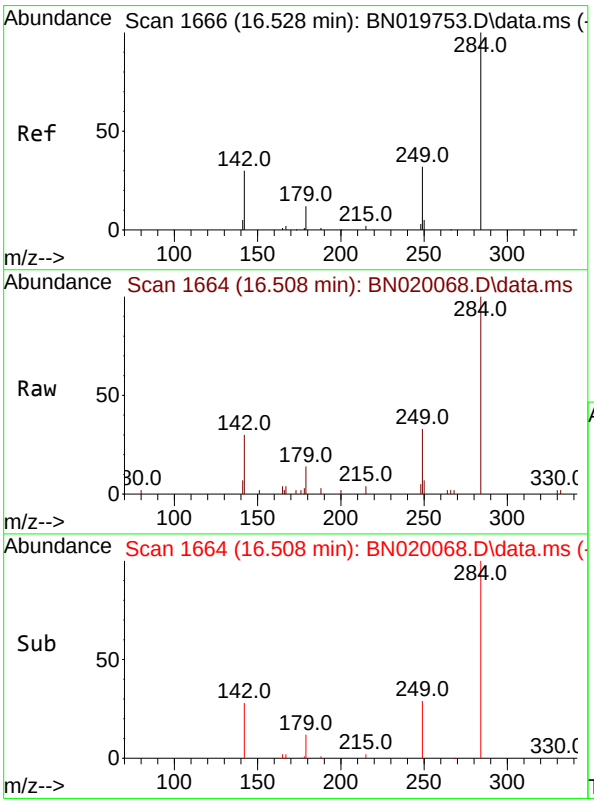
#21
4-Bromophenyl-phenylether
Concen: 0.347 ng
RT: 16.385 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN020068.D
Acq: 08 Jun 2022 18:58

Instrument :
BNA_N
ClientSampleId :
SP5914

Tgt Ion:248 Resp: 3390

Ion	Ratio	Lower	Upper
248	100		
250	95.9	75.3	112.9
141	76.8	67.3	100.9

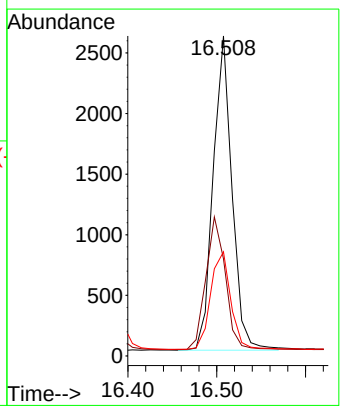


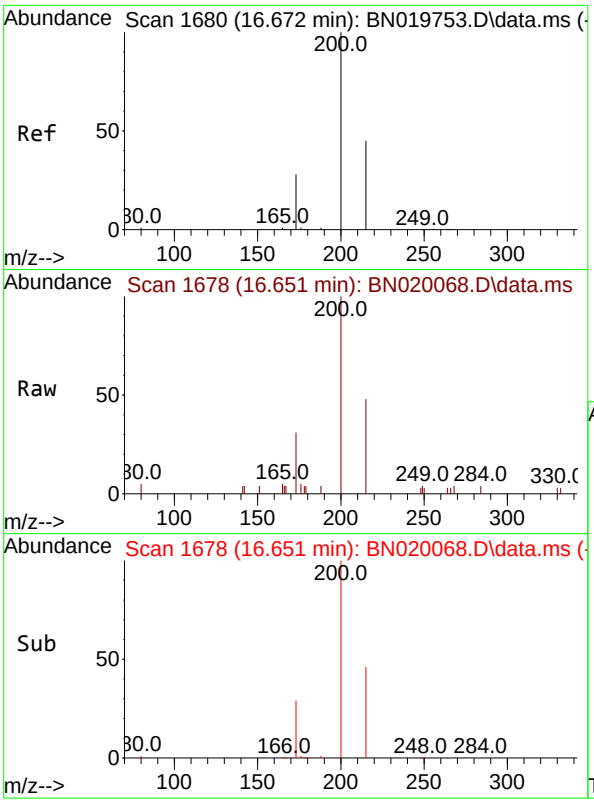


#22
Hexachlorobenzene
Concen: 0.353 ng
RT: 16.508 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BN020068.D
Acq: 08 Jun 2022 18:58

Tgt Ion:284 Resp: 3815

Ion	Ratio	Lower	Upper
284	100		
142	43.7	35.2	52.8
249	33.3	26.6	40.0



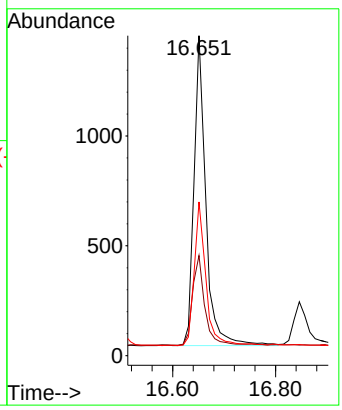


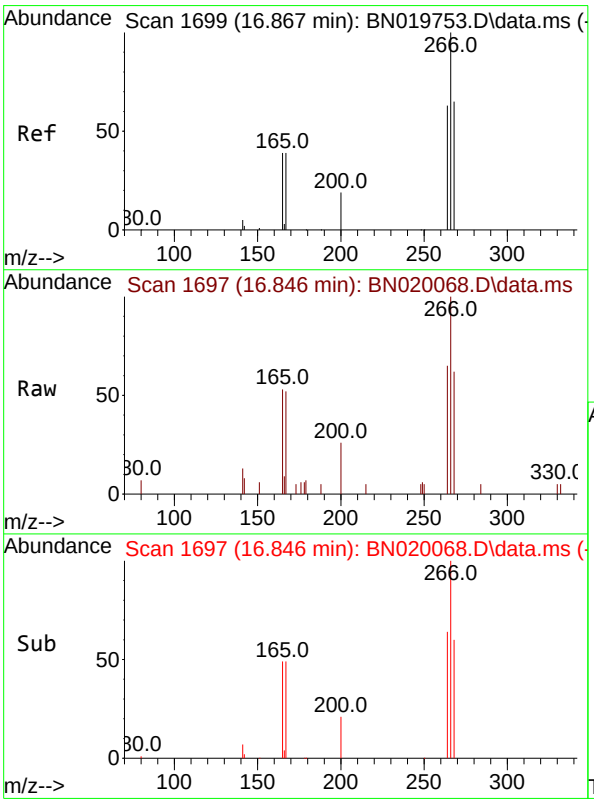
#23
Atrazine
Concen: 0.354 ng
RT: 16.651 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN020068.D
Acq: 08 Jun 2022 18:58

Instrument :
BNA_N
ClientSampleId :
SP5914

Tgt Ion:200 Resp: 2254

Ion	Ratio	Lower	Upper
200	100		
173	31.3	23.6	35.4
215	48.0	36.6	54.8

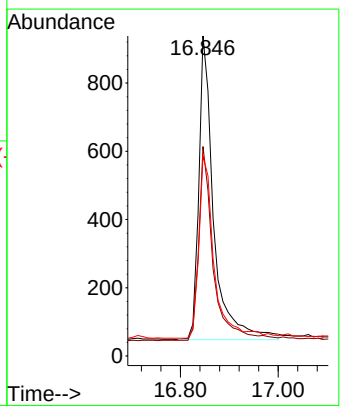


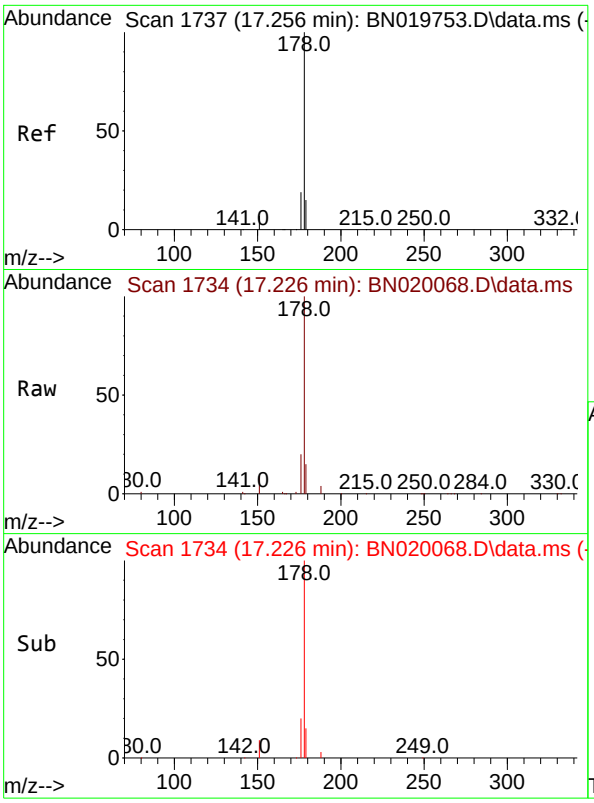


#24
Pentachlorophenol
Concen: 0.451 ng
RT: 16.846 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN020068.D
Acq: 08 Jun 2022 18:58

Tgt Ion:266 Resp: 1883

Ion	Ratio	Lower	Upper
266	100		
264	62.0	51.3	76.9
268	62.3	52.6	79.0



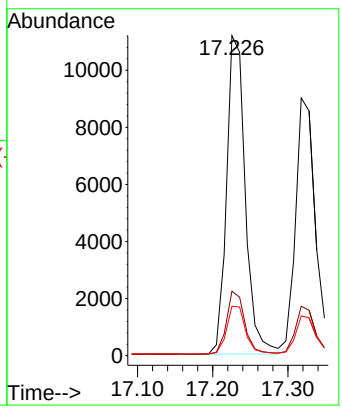


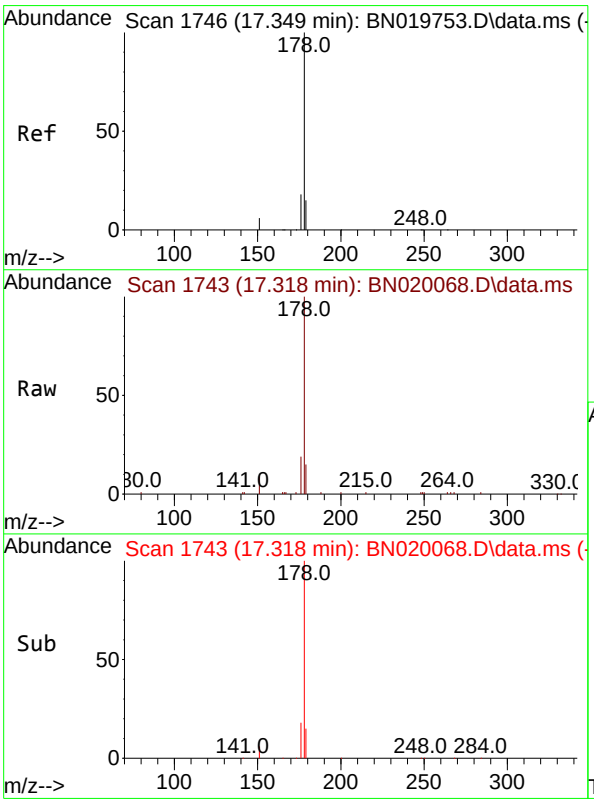
#25
Phenanthrene
Concen: 0.349 ng
RT: 17.226 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN020068.D
Acq: 08 Jun 2022 18:58

Instrument :
BNA_N
ClientSampleId :
SP5914

Tgt Ion:178 Resp: 19295

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	15.3	12.2	18.4

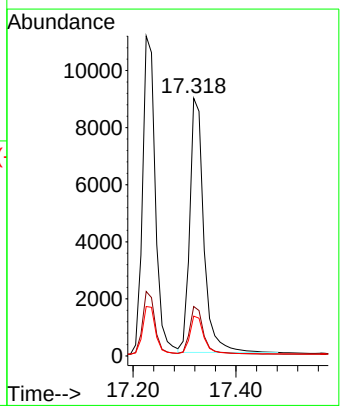


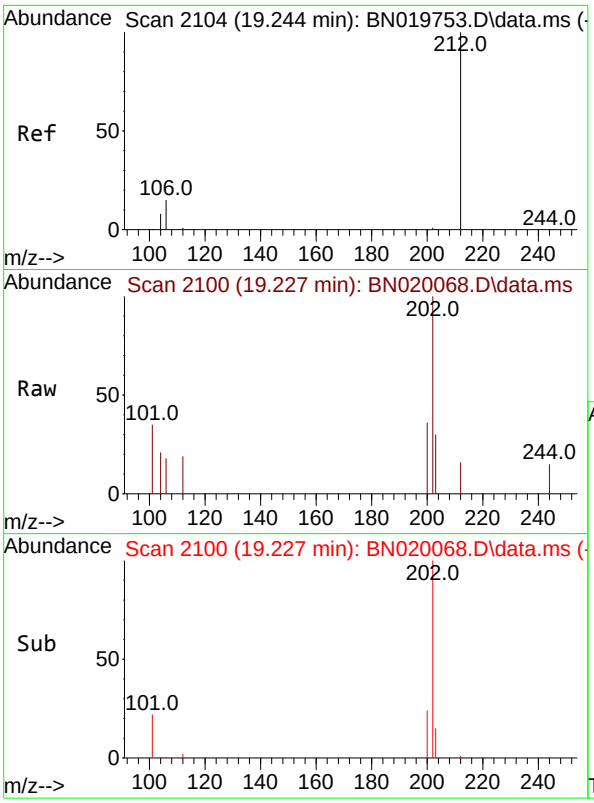


#26
Anthracene
Concen: 0.360 ng
RT: 17.318 min Scan# 1743
Delta R.T. 0.000 min
Lab File: BN020068.D
Acq: 08 Jun 2022 18:58

Tgt Ion:178 Resp: 16849

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.1	12.2	18.4



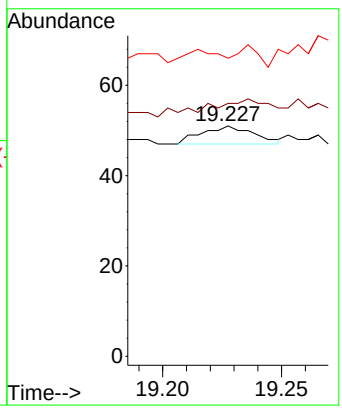


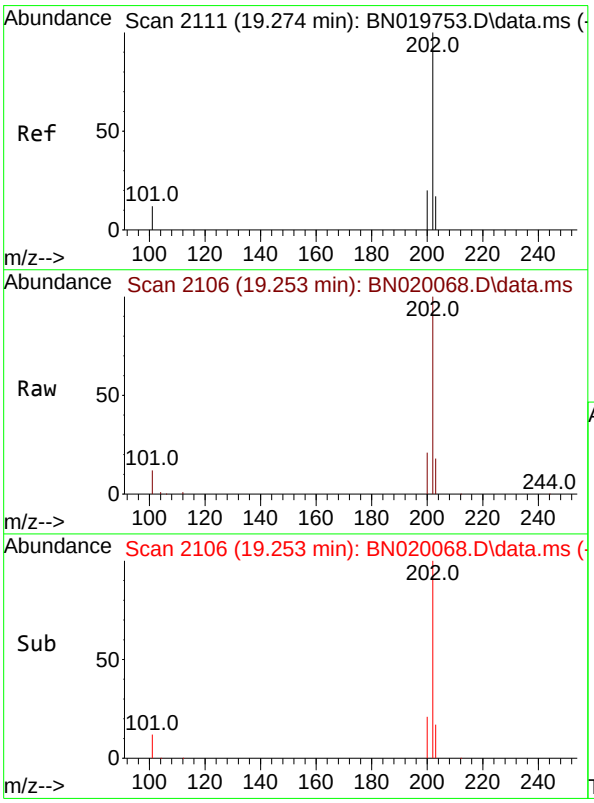
#27
Fluoranthene-d10
Concen: 0.000 ng
RT: 19.227 min Scan# 21
Delta R.T. 0.008 min
Lab File: BN020068.D
Acq: 08 Jun 2022 18:58

Instrument :
BNA_N
ClientSampleId :
SP5914

Tgt Ion:212 Resp: 6

Ion	Ratio	Lower	Upper
212	100		
106	116.7	12.6	19.0#
104	50.0	7.2	10.8#

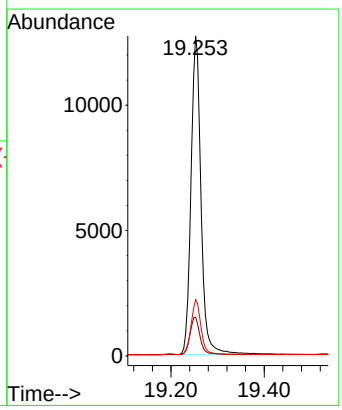


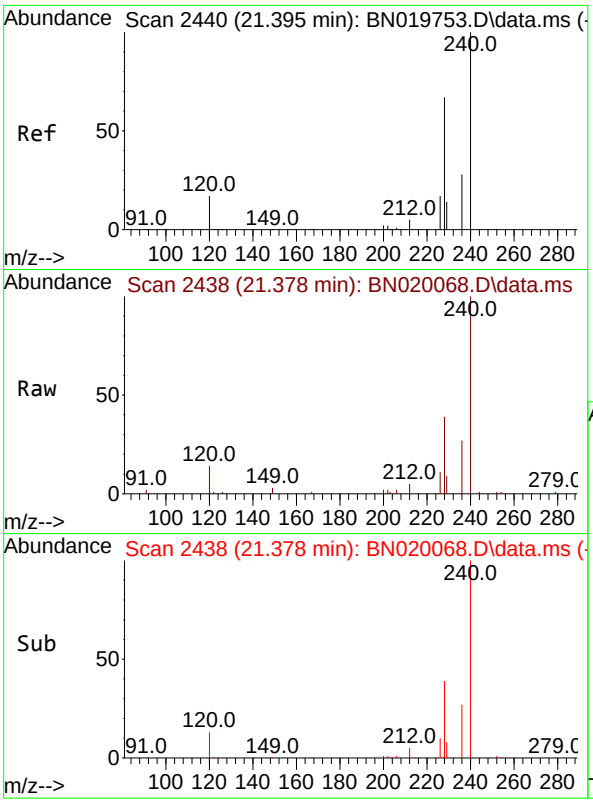


#28
Fluoranthene
Concen: 0.321 ng
RT: 19.253 min Scan# 2106
Delta R.T. 0.000 min
Lab File: BN020068.D
Acq: 08 Jun 2022 18:58

Tgt Ion:202 Resp: 19023

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.6	14.4
203	16.8	13.5	20.3



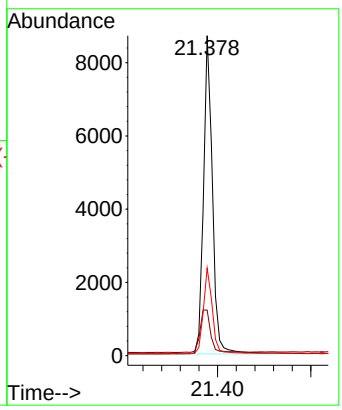


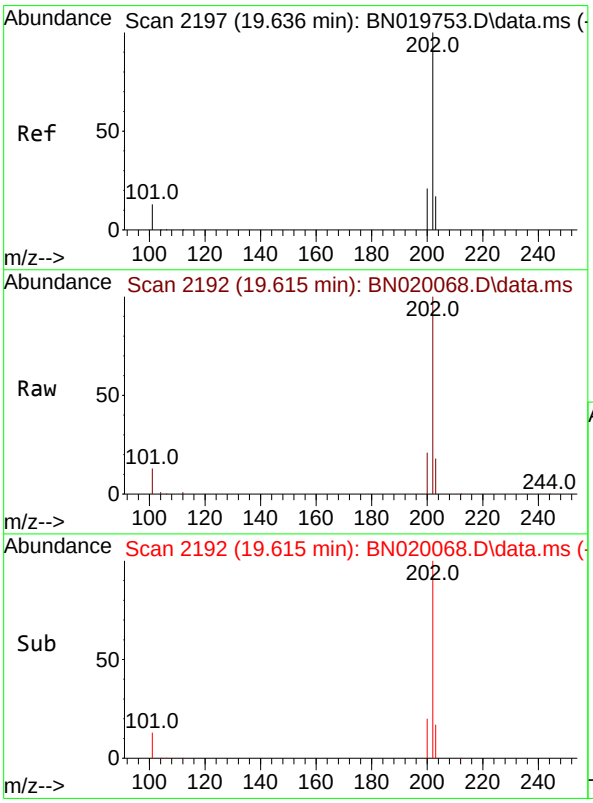
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.378 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN020068.D
Acq: 08 Jun 2022 18:58

Instrument :
BNA_N
ClientSampleId :
SP5914

Tgt Ion:240 Resp: 11599

Ion	Ratio	Lower	Upper
240	100		
120	14.2	14.6	21.8#
236	27.4	22.6	33.8

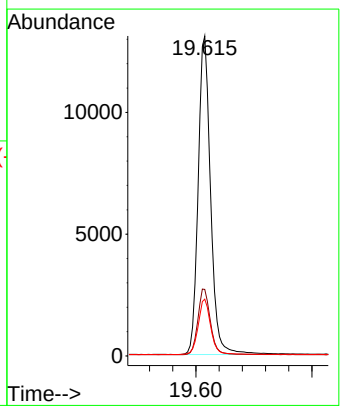


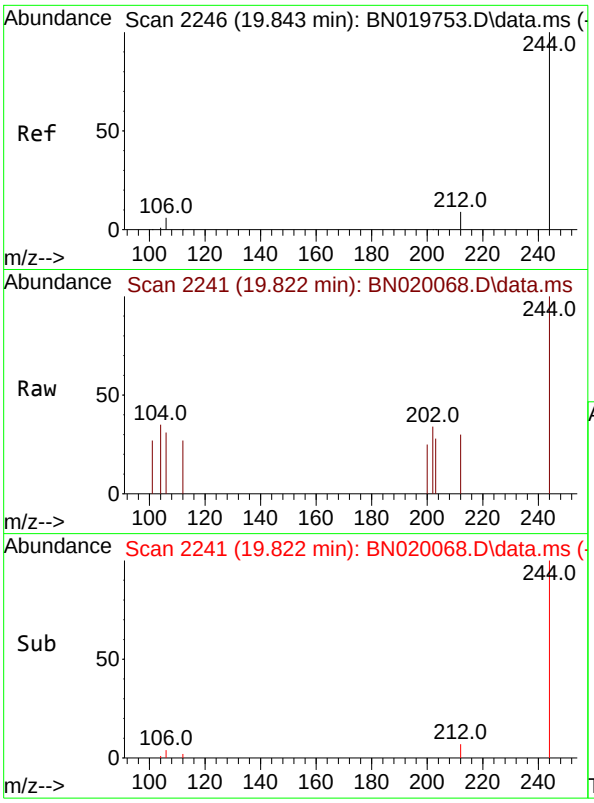


#30
Pyrene
Concen: 0.396 ng
RT: 19.615 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BN020068.D
Acq: 08 Jun 2022 18:58

Tgt Ion:202 Resp: 19482

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	17.5	14.2	21.2



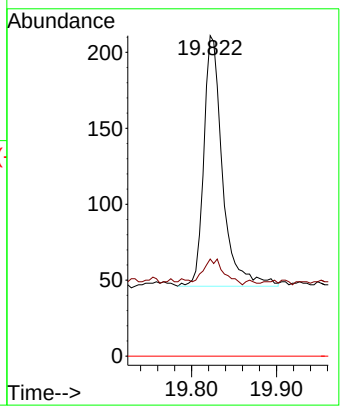


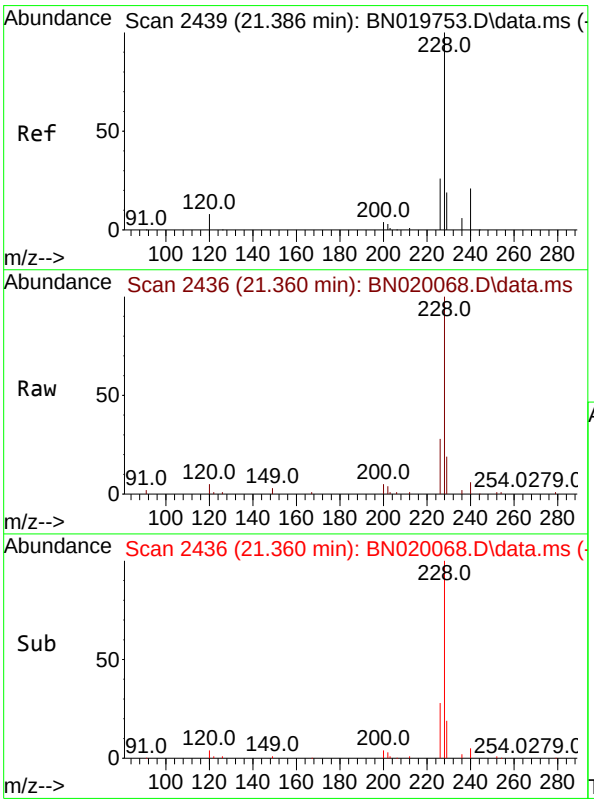
#31
Terphenyl-d14
Concen: 0.009 ng
RT: 19.822 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN020068.D
Acq: 08 Jun 2022 18:58

Instrument :
BNA_N
ClientSampleId :
SP5914

Tgt Ion:244 Resp: 253

Ion	Ratio	Lower	Upper
244	100		
212	30.3	7.1	10.7#
122	0.0	0.0	0.0

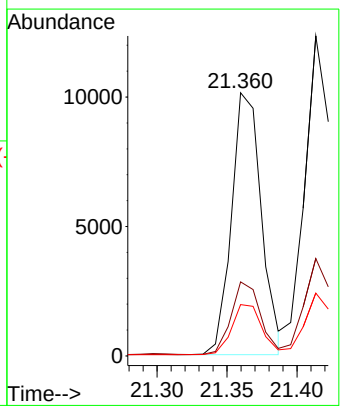


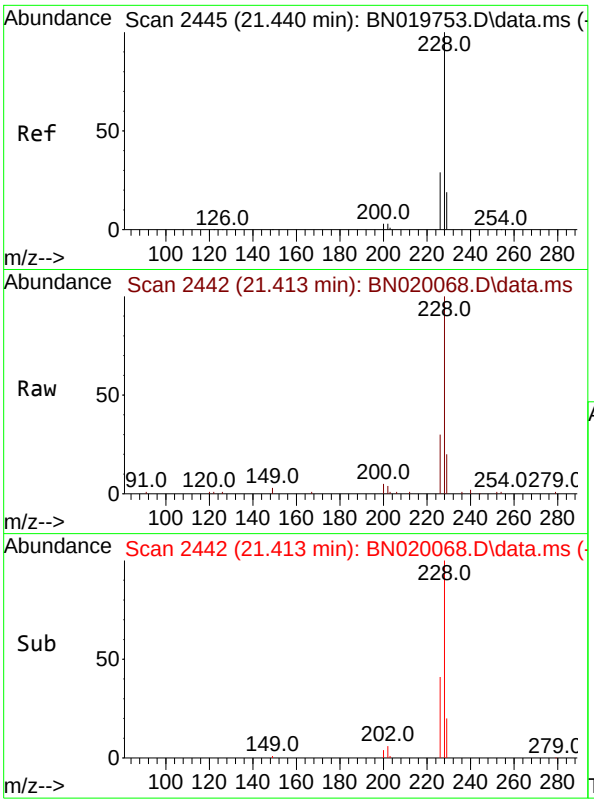


#32
Benzo(a)anthracene
Concen: 0.355 ng
RT: 21.360 min Scan# 2436
Delta R.T. -0.009 min
Lab File: BN020068.D
Acq: 08 Jun 2022 18:58

Tgt Ion:228 Resp: 15021

Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.2	31.8
229	19.5	15.6	23.4



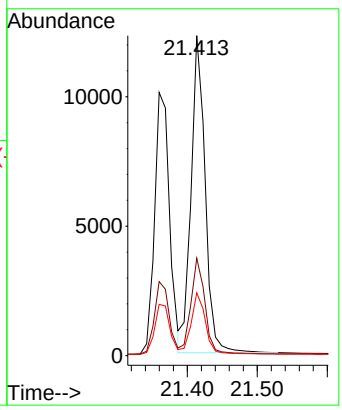


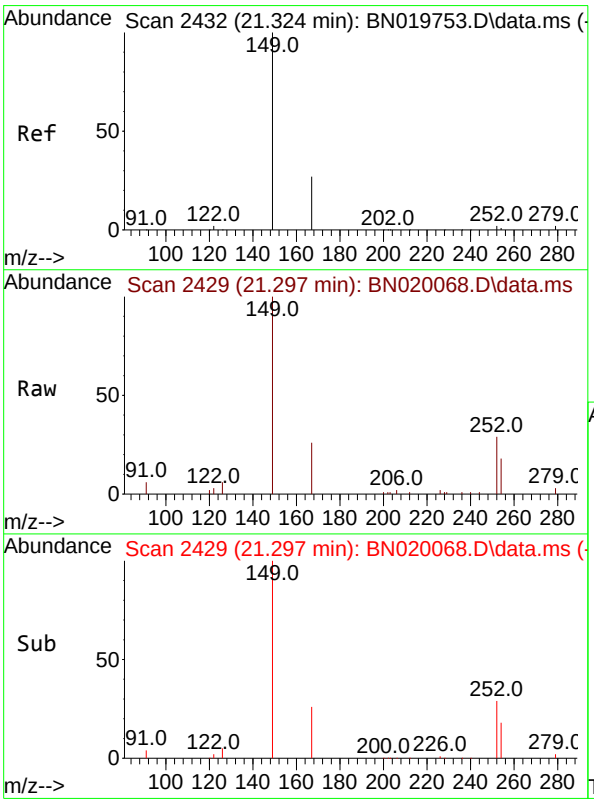
#33
Chrysene
Concen: 0.362 ng
RT: 21.413 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN020068.D
Acq: 08 Jun 2022 18:58

Instrument :
BNA_N
ClientSampleId :
SP5914

Tgt Ion:228 Resp: 17150

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.4	35.0
229	19.7	15.7	23.5

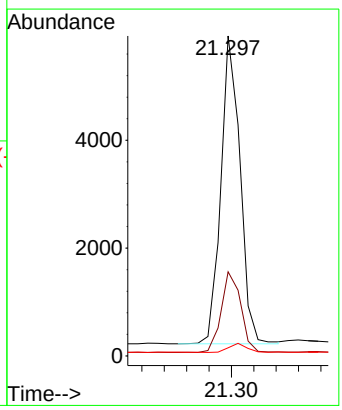


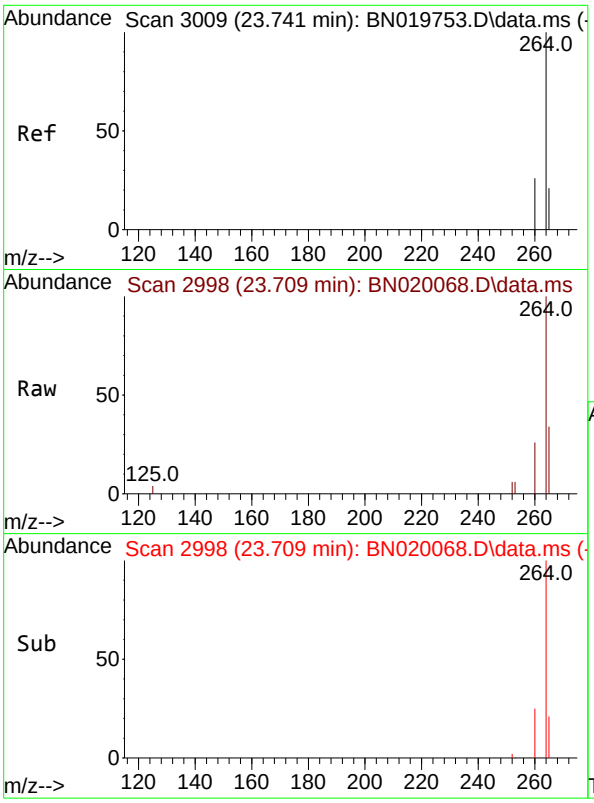


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.386 ng
RT: 21.297 min Scan# 2429
Delta R.T. -0.009 min
Lab File: BN020068.D
Acq: 08 Jun 2022 18:58

Tgt Ion:149 Resp: 6792

Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.7	32.5
279	2.9	2.2	3.2



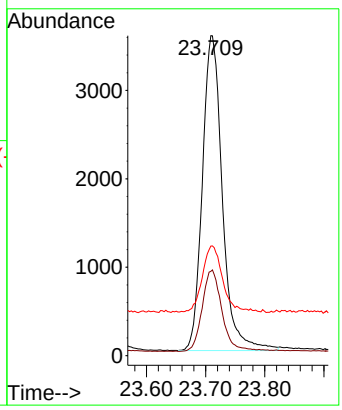


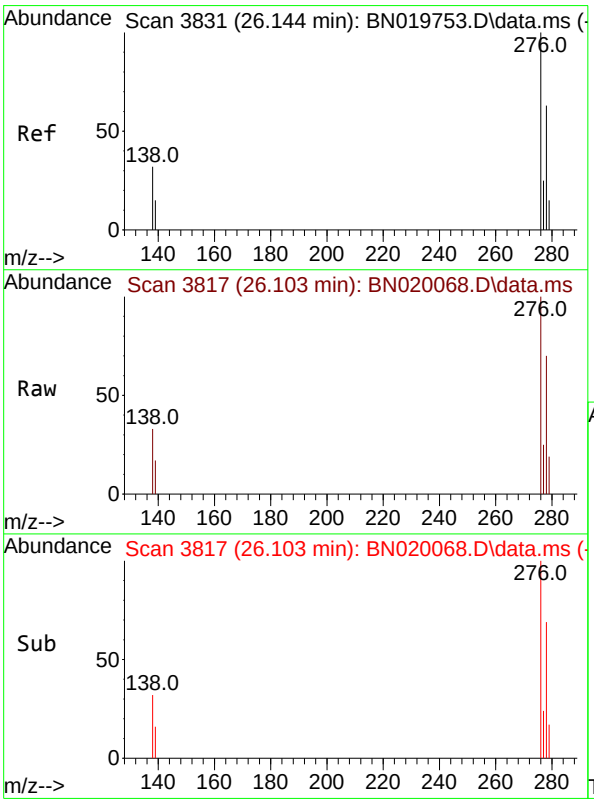
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.709 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN020068.D
Acq: 08 Jun 2022 18:58

Instrument :
BNA_N
ClientSampleId :
SP5914

Tgt Ion:264 Resp: 8366

Ion	Ratio	Lower	Upper
264	100		
260	26.4	20.9	31.3
265	34.2	28.0	42.0

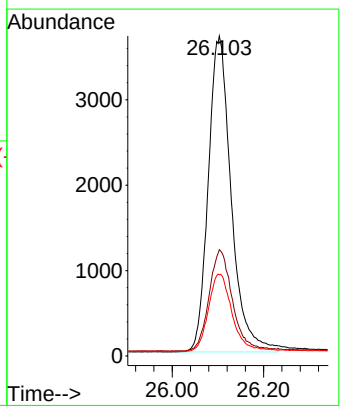


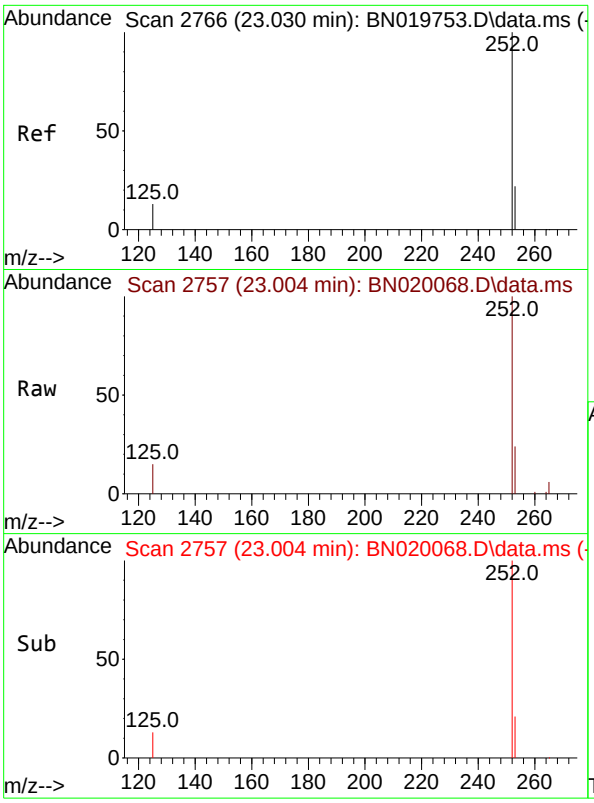


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.329 ng
RT: 26.103 min Scan# 3817
Delta R.T. 0.003 min
Lab File: BN020068.D
Acq: 08 Jun 2022 18:58

Tgt Ion:276 Resp: 12878

Ion	Ratio	Lower	Upper
276	100		
138	32.6	25.9	38.9
277	25.2	19.8	29.8



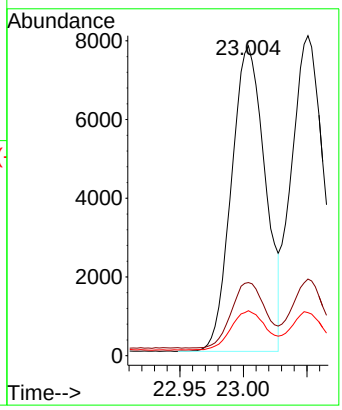


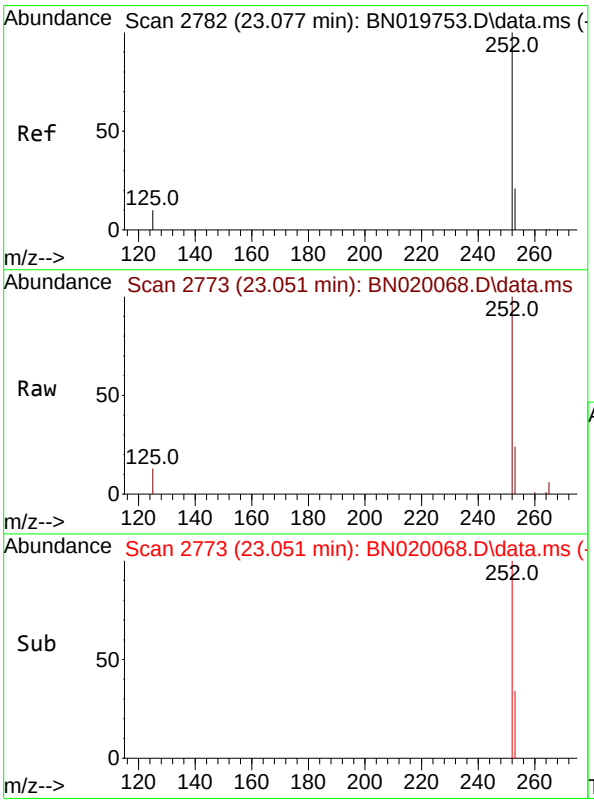
#37
Benzo(b)fluoranthene
Concen: 0.394 ng
RT: 23.004 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN020068.D
Acq: 08 Jun 2022 18:58

Instrument :
BNA_N
ClientSampleId :
SP5914

Tgt Ion:252 Resp: 14379

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.5	27.7
125	14.5	11.4	17.0

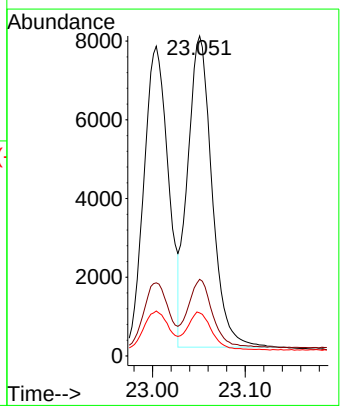


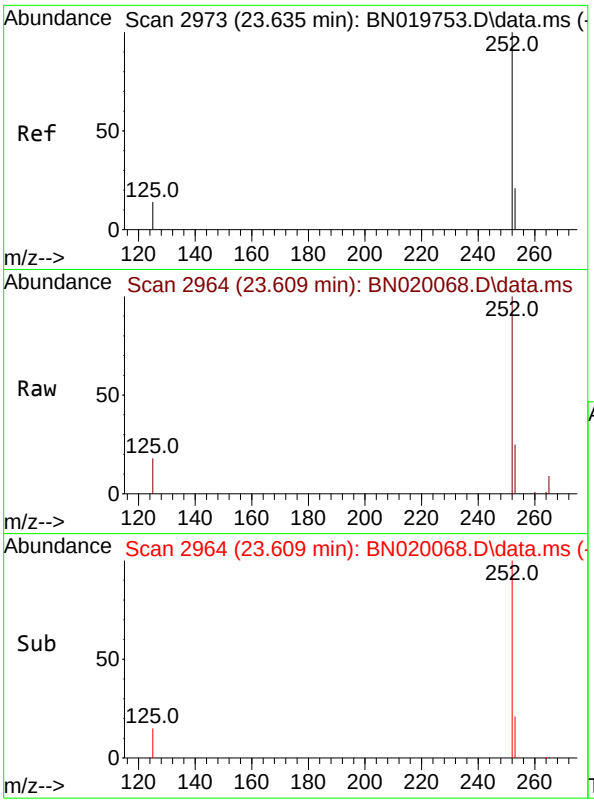


#38
Benzo(k)fluoranthene
Concen: 0.373 ng
RT: 23.051 min Scan# 2773
Delta R.T. -0.003 min
Lab File: BN020068.D
Acq: 08 Jun 2022 18:58

Tgt Ion:252 Resp: 14458

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.0	27.0
125	13.4	11.0	16.4



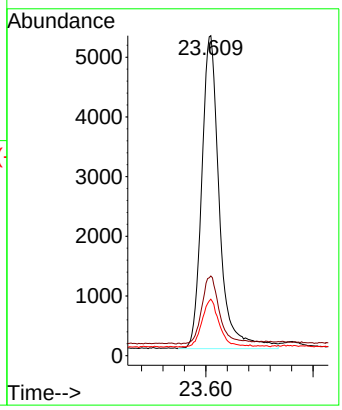


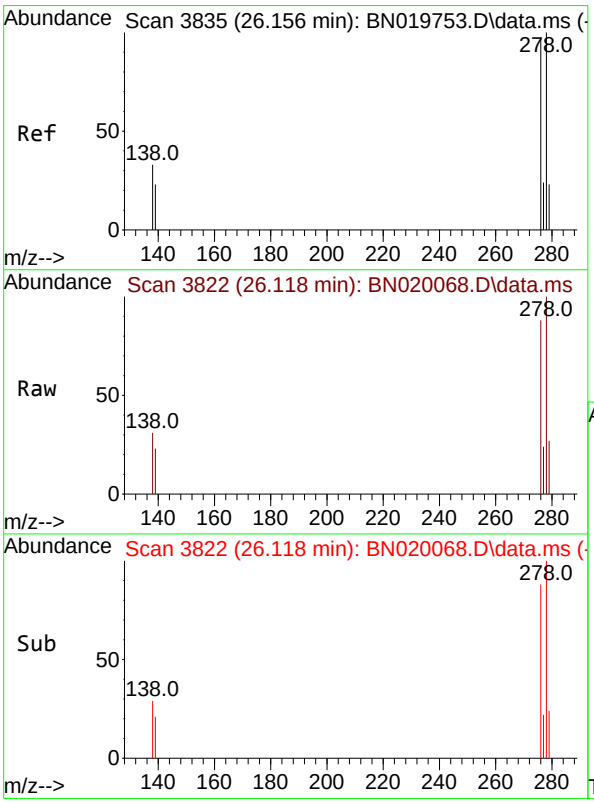
#39
Benzo(a)pyrene
Concen: 0.418 ng
RT: 23.609 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN020068.D
Acq: 08 Jun 2022 18:58

Instrument :
BNA_N
ClientSampleId :
SP5914

Tgt Ion:252 Resp: 12000

Ion	Ratio	Lower	Upper
252	100		
253	24.9	19.0	28.4
125	17.6	13.8	20.8

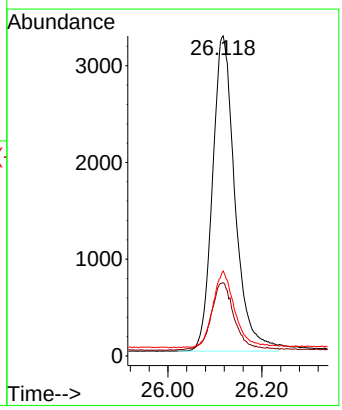


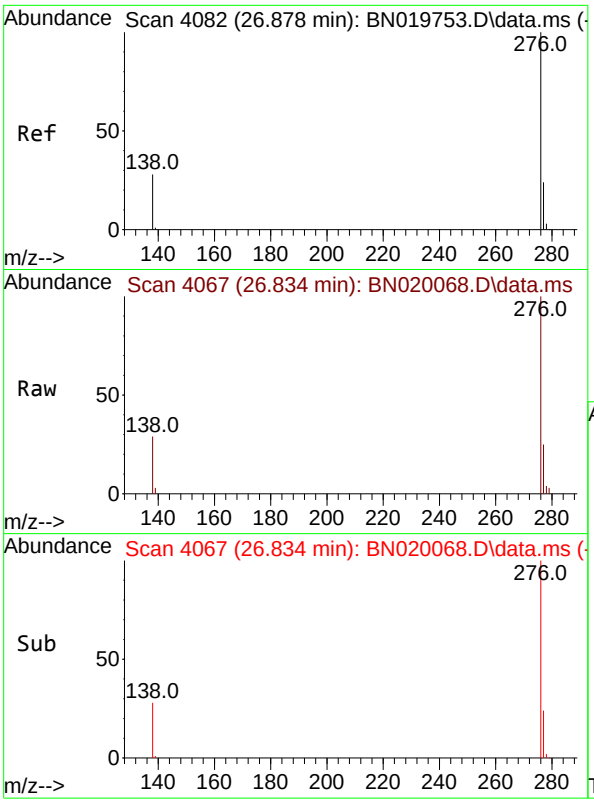


#40
Dibenzo(a,h)anthracene
Concen: 0.343 ng
RT: 26.118 min Scan# 3822
Delta R.T. 0.000 min
Lab File: BN020068.D
Acq: 08 Jun 2022 18:58

Tgt Ion:278 Resp: 10831

Ion	Ratio	Lower	Upper
278	100		
139	22.9	18.6	28.0
279	26.5	19.7	29.5





#41
Benzo(g,h,i)perylene
Concen: 0.358 ng
RT: 26.834 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN020068.D
Acq: 08 Jun 2022 18:58

Instrument :
BNA_N
ClientSampleId :
SP5914

Tgt Ion:276 Resp: 11616

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.5	29.3
138	29.1	22.6	34.0