Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071422\
Data File : BN020742.D
Acq On : 14 Jul 2022 18:31
Operator : CG/JU
Sample : PB146225BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB146225BSD

Quant Time: Jul 15 02:51:19 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 02 03:10:12 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.818	152	2470	0.400	ng		0.00
7) Naphthalene-d8	10.616	136	9439	0.400	ng		#-0.01
13) Acenaphthene-d10	14.474	164	5357	0.400	ng		0.00
19) Phenanthrene-d10	17.225	188	13421	0.400	ng		0.00
29) Chrysene-d12	21.431	240	12119	0.400	ng		# 0.00
35) Perylene-d12	23.779	264	10643	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.406	112	2491	0.363	ng		0.00
5) Phenol-d6	7.016	99	3047	0.372	ng		-0.01
8) Nitrobenzene-d5	8.982	82	2478	0.324	ng		-0.01
11) 2-Methylnaphthalene-d10	12.219	152	5579	0.345	ng		0.00
14) 2,4,6-Tribromophenol	15.974	330	601	0.298	ng		0.00
15) 2-Fluorobiphenyl	13.095	172	8158	0.369	ng		-0.01
27) Fluoranthene-d10	19.261	212	13679	0.343	ng		0.00
31) Terphenyl-d14	19.868	244	9809	0.339	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.254	88	1182	0.365	ng		96
3) n-Nitrosodimethylamine	3.600	42	1166	0.395	ng	#	96
6) bis(2-Chloroethyl)ether	7.248	93	2866	0.407	ng		100
9) Naphthalene	10.669	128	9781	0.347	ng		98
10) Hexachlorobutadiene	10.957	225	1696	0.330	ng	#	99
12) 2-Methylnaphthalene	12.291	142	6561	0.350	ng		99
16) Acenaphthylene	14.185	152	9133	0.355	ng		99
17) Acenaphthene	14.527	154	5643	0.322	ng		95
18) Fluorene	15.521	166	7748	0.339	ng		98
20) 4,6-Dinitro-2-methylph...	15.639	198	432	0.390	ng	#	59
21) 4-Bromophenyl-phenylether	16.415	248	2205	0.283	ng		97
22) Hexachlorobenzene	16.538	284	2471	0.286	ng		98
23) Atrazine	16.692	200	1577	0.256	ng		96
24) Pentachlorophenol	16.887	266	785	0.467	ng		98
25) Phenanthrene	17.266	178	14782	0.327	ng		100
26) Anthracene	17.359	178	12190	0.312	ng		100
28) Fluoranthene	19.291	202	17298	0.350	ng		99
30) Pyrene	19.657	202	17775	0.346	ng		100
32) Benzo(a)anthracene	21.413	228	14100	0.326	ng		99
33) Chrysene	21.467	228	17029	0.355	ng		99
34) Bis(2-ethylhexyl)phtha...	21.351	149	7870	0.323	ng		98
36) Indeno(1,2,3-cd)pyrene	26.214	276	15162	0.320	ng		98
37) Benzo(b)fluoranthene	23.065	252	14888	0.363	ng		96
38) Benzo(k)fluoranthene	23.112	252	15348	0.352	ng		96
39) Benzo(a)pyrene	23.676	252	12183	0.343	ng	#	91
40) Dibenzo(a,h)anthracene	26.232	278	11962	0.315	ng		96
41) Benzo(g,h,i)perylene	26.957	276	13117	0.316	ng		99

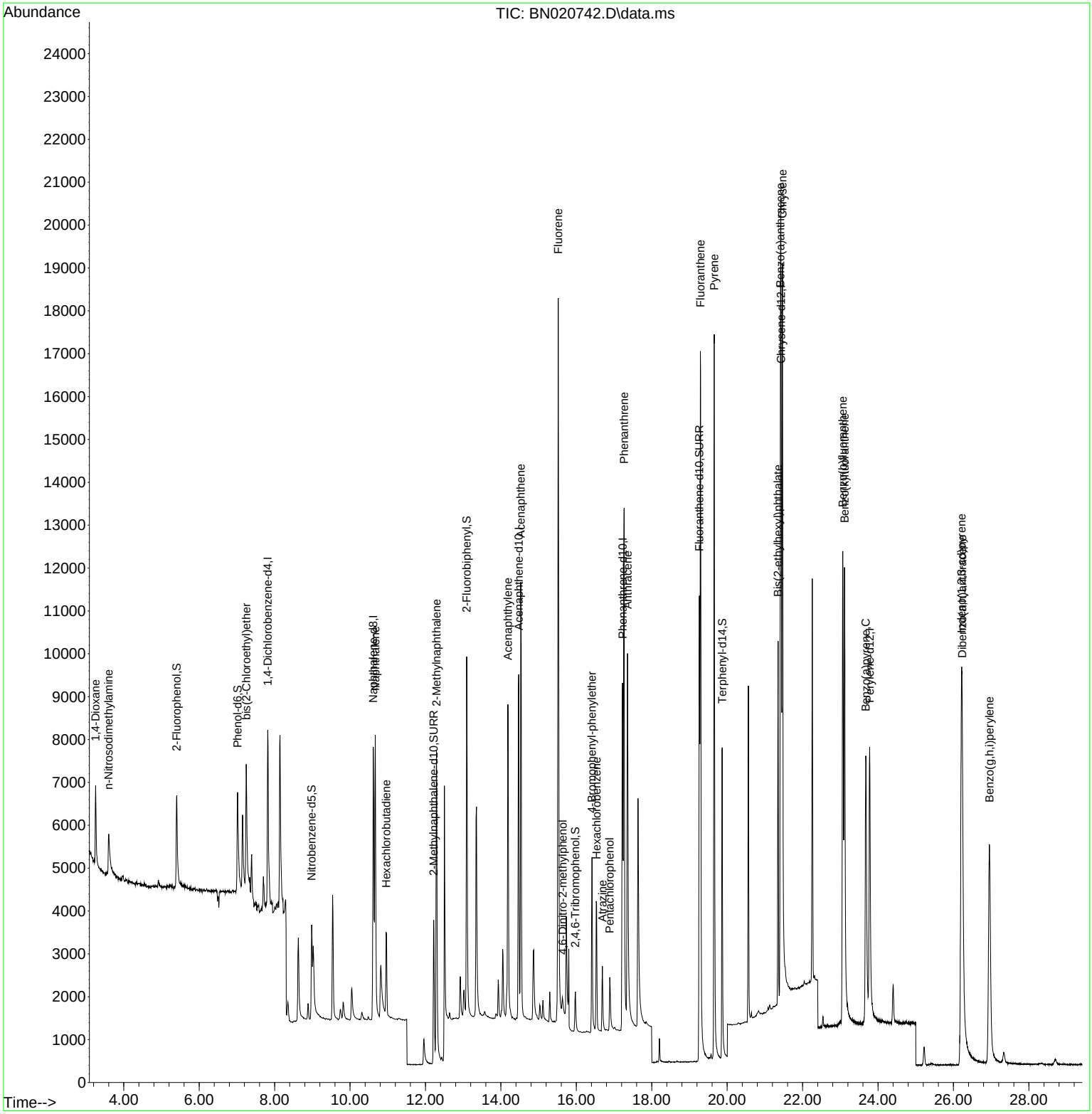
(#) = qualifier out of range (m) = manual integration (+) = signals summed

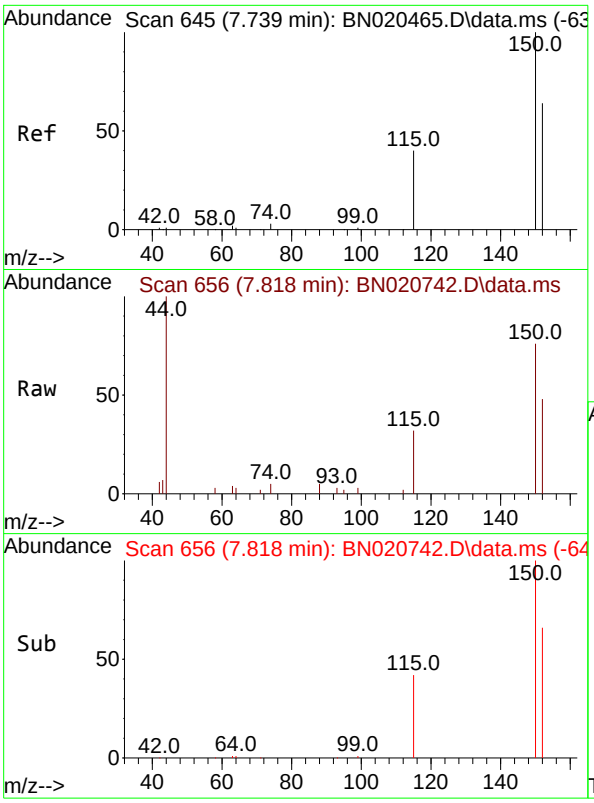
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071422\
Data File : BN020742.D
Acq On : 14 Jul 2022 18:31
Operator : CG/JU
Sample : PB146225BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB146225BSD

Quant Time: Jul 15 02:51:19 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 02 03:10:12 2022
Response via : Initial Calibration



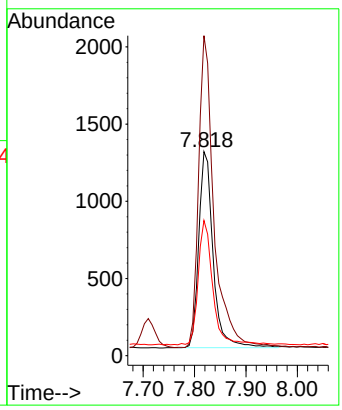


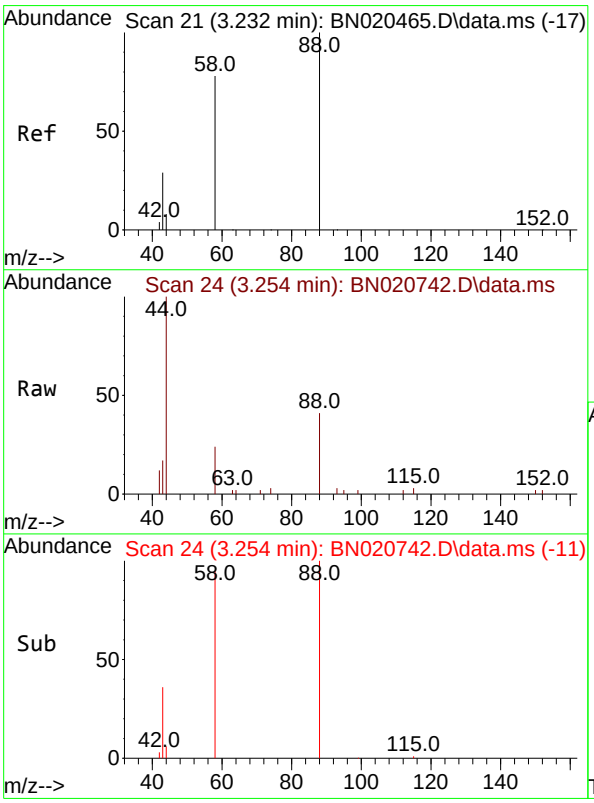
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.818 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN020742.D
Acq: 14 Jul 2022 18:31

Instrument :
BNA_N
ClientSampleId :
PB146225BSD

Tgt Ion:152 Resp: 2470

Ion	Ratio	Lower	Upper
152	100		
150	156.8	127.9	191.9
115	66.3	51.4	77.2

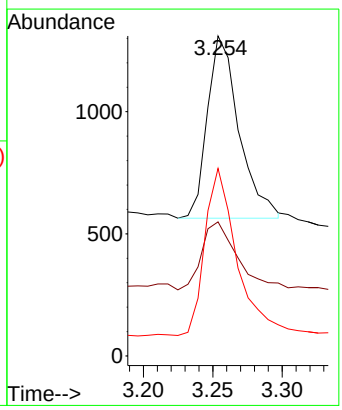


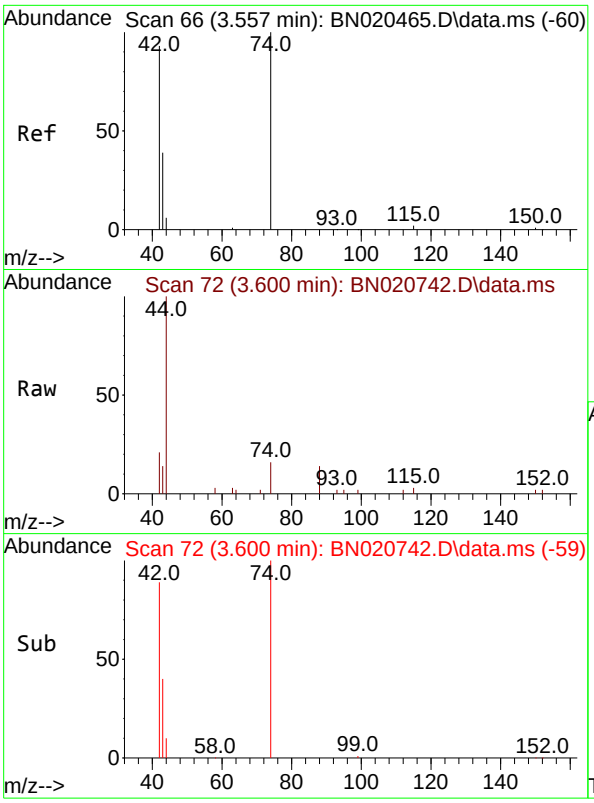


#2
1,4-Dioxane
Concen: 0.365 ng
RT: 3.254 min Scan# 24
Delta R.T. -0.007 min
Lab File: BN020742.D
Acq: 14 Jul 2022 18:31

Tgt Ion: 88 Resp: 1182

Ion	Ratio	Lower	Upper
88	100		
43	42.0	30.2	45.2
58	93.7	73.0	109.6



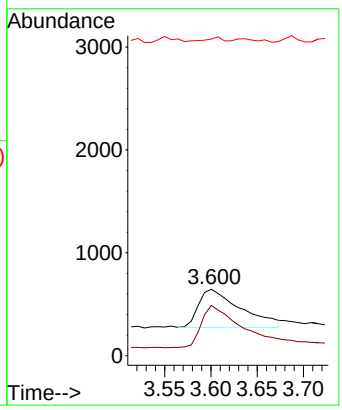


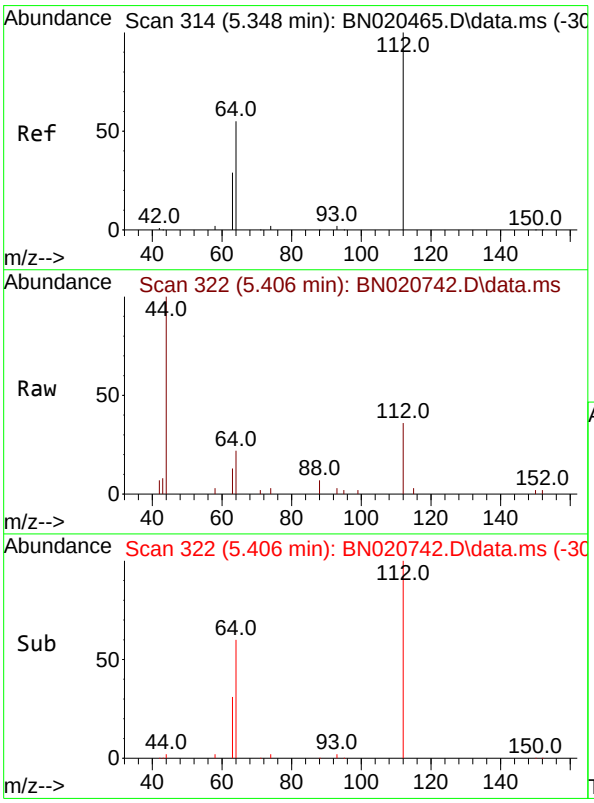
#3
n-Nitrosodimethylamine
Concen: 0.395 ng
RT: 3.600 min Scan# 7
Delta R.T. -0.007 min
Lab File: BN020742.D
Acq: 14 Jul 2022 18:31

Instrument :
BNA_N
ClientSampleId :
PB146225BSD

Tgt Ion: 42 Resp: 1166

Ion	Ratio	Lower	Upper
42	100		
74	107.4	84.0	126.0
44	5.7	9.8	14.8#

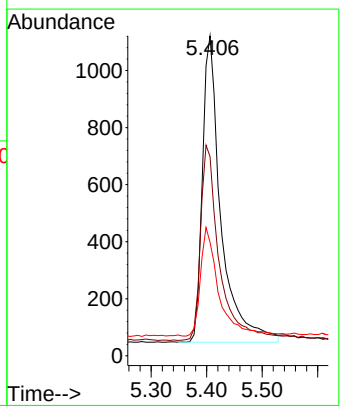


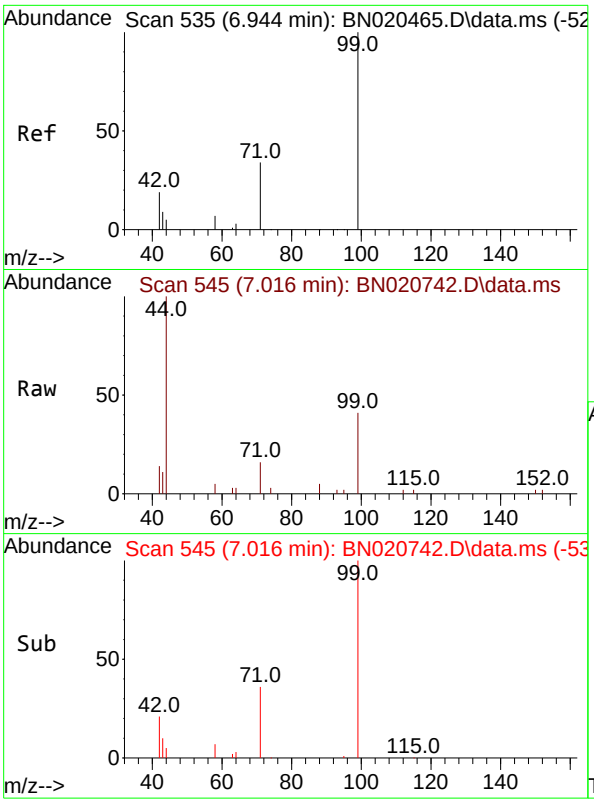


#4
2-Fluorophenol
Concen: 0.363 ng
RT: 5.406 min Scan# 322
Delta R.T. -0.007 min
Lab File: BN020742.D
Acq: 14 Jul 2022 18:31

Tgt Ion:112 Resp: 2491

Ion	Ratio	Lower	Upper
112	100		
64	64.7	49.1	73.7
63	35.3	26.3	39.5



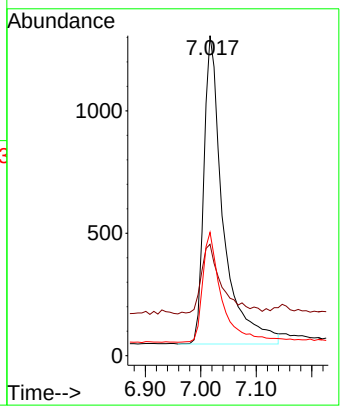


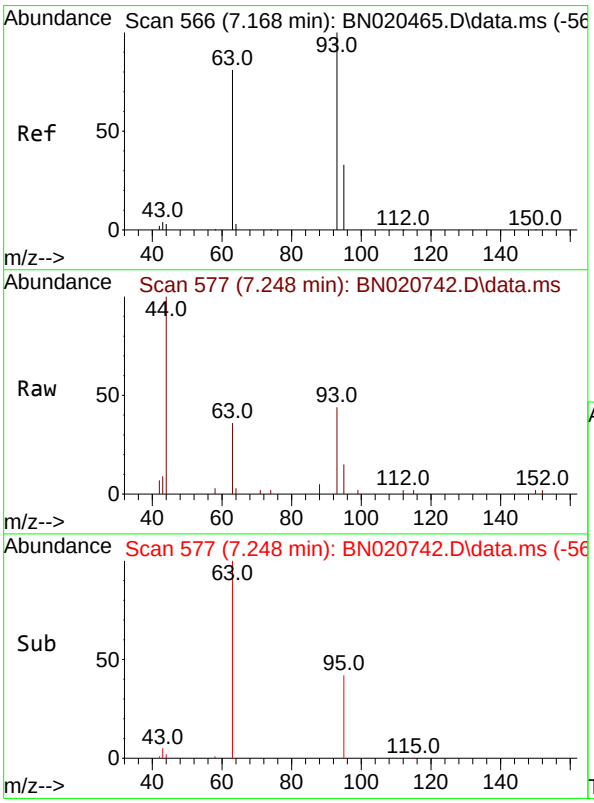
#5
Phenol-d6
Concen: 0.372 ng
RT: 7.016 min Scan# 54
Delta R.T. -0.014 min
Lab File: BN020742.D
Acq: 14 Jul 2022 18:31

Instrument :
BNA_N
ClientSampleId :
PB146225BSD

Tgt Ion: 99 Resp: 3047

Ion	Ratio	Lower	Upper
99	100		
42	24.3	19.3	28.9
71	35.4	27.5	41.3

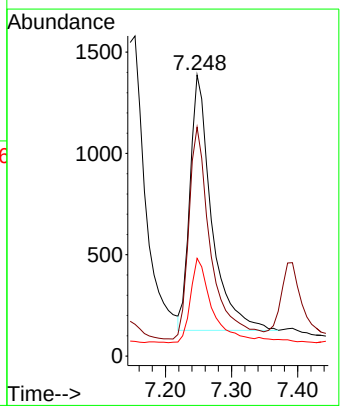


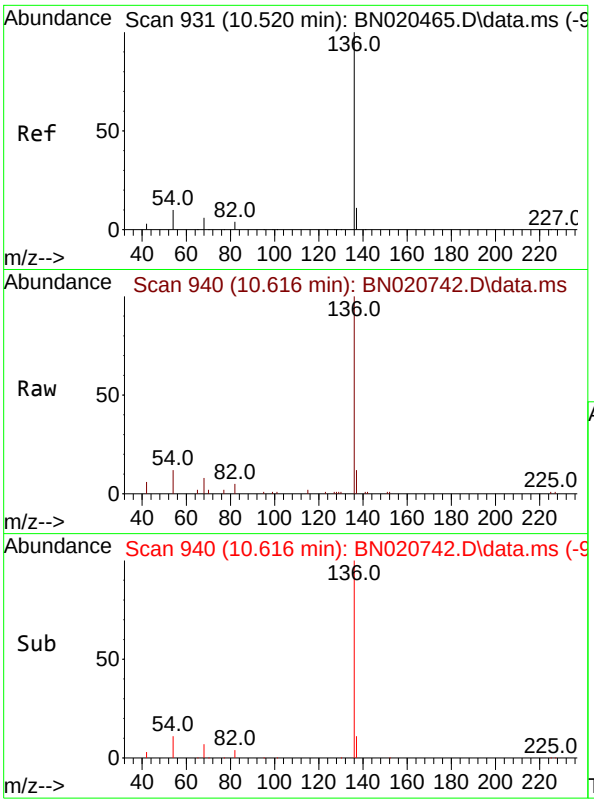


#6
bis(2-Chloroethyl)ether
Concen: 0.407 ng
RT: 7.248 min Scan# 577
Delta R.T. -0.007 min
Lab File: BN020742.D
Acq: 14 Jul 2022 18:31

Tgt Ion: 93 Resp: 2866

Ion	Ratio	Lower	Upper
93	100		
63	84.1	67.4	101.0
95	32.7	26.5	39.7



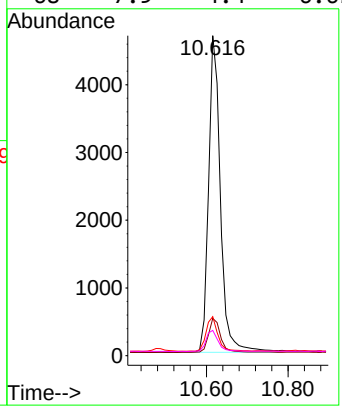


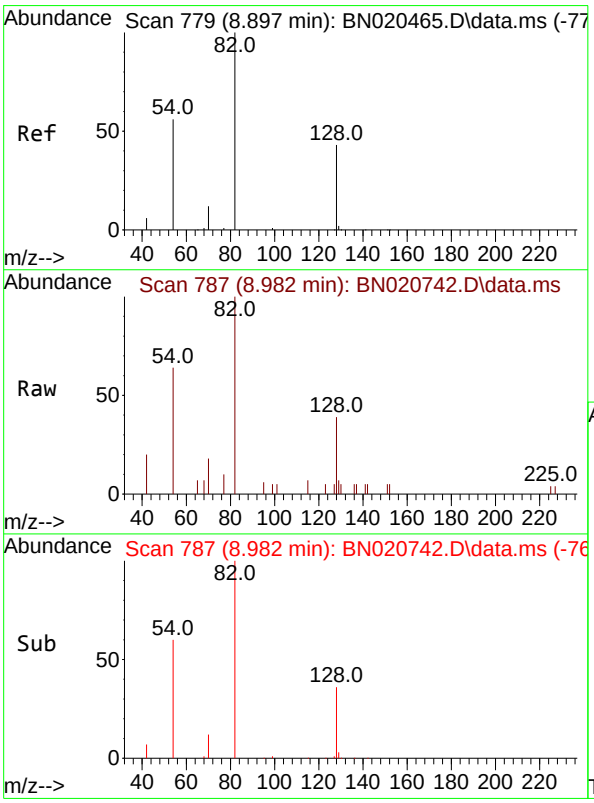
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.616 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN020742.D
Acq: 14 Jul 2022 18:31

Instrument :
BNA_N
ClientSampleId :
PB146225BSD

Tgt Ion:136 Resp: 9439

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.0	13.6
54	12.2	6.2	9.2#
68	7.9	4.4	6.6#

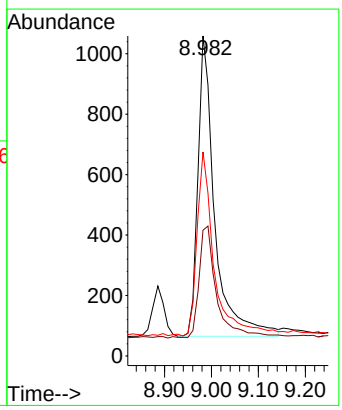


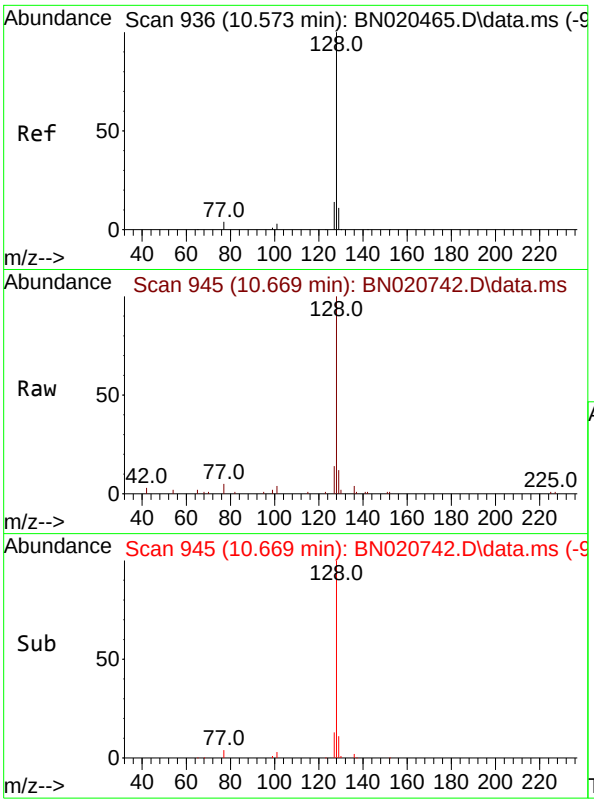


#8
Nitrobenzene-d5
Concen: 0.324 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN020742.D
Acq: 14 Jul 2022 18:31

Tgt Ion: 82 Resp: 2478

Ion	Ratio	Lower	Upper
82	100		
128	39.3	35.0	52.6
54	63.7	46.2	69.4



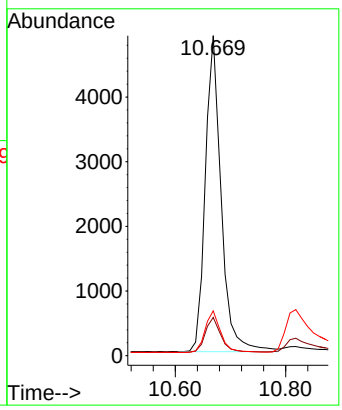


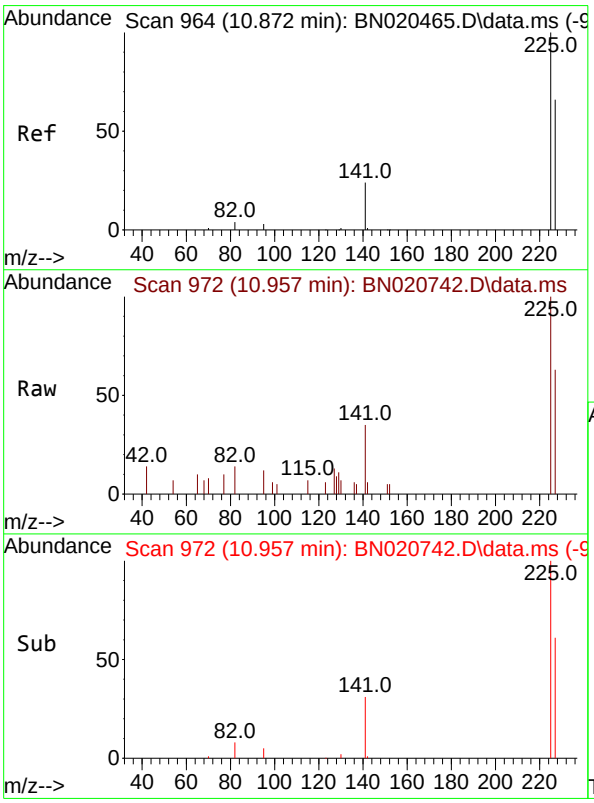
#9
Naphthalene
Concen: 0.347 ng
RT: 10.669 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN020742.D
Acq: 14 Jul 2022 18:31

Instrument :
BNA_N
ClientSampleId :
PB146225BSD

Tgt Ion:128 Resp: 9781

Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.9	13.3
127	14.0	10.8	16.2

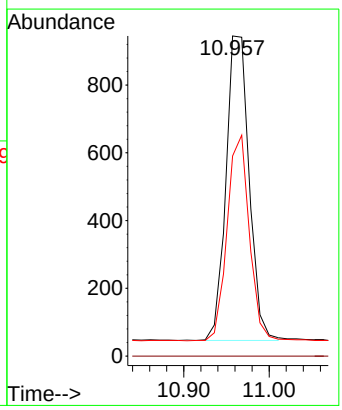


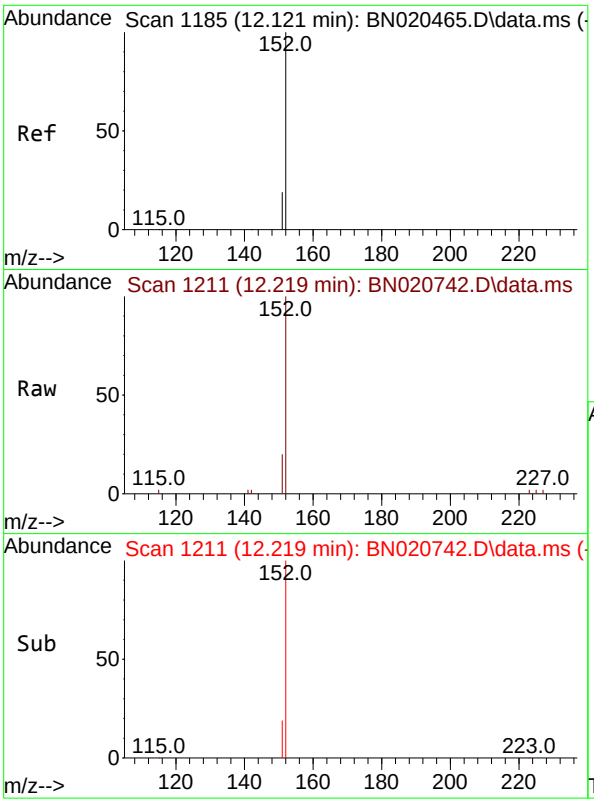


#10
Hexachlorobutadiene
Concen: 0.330 ng
RT: 10.957 min Scan# 972
Delta R.T. -0.011 min
Lab File: BN020742.D
Acq: 14 Jul 2022 18:31

Tgt Ion:225 Resp: 1696

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.6	50.9	76.3



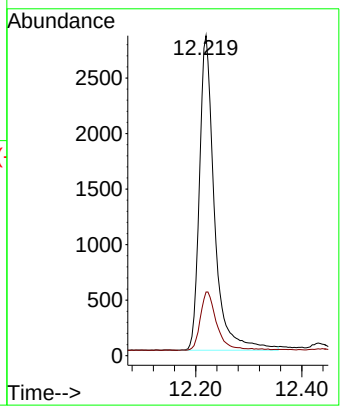


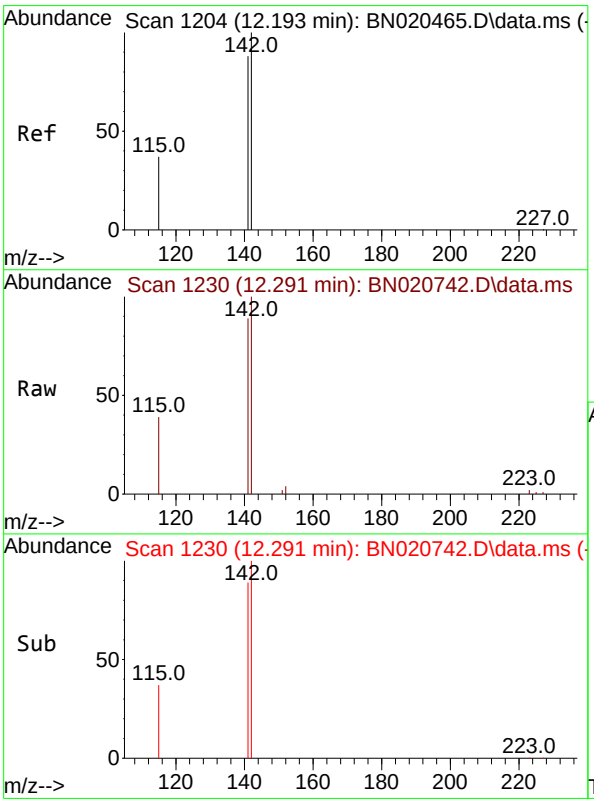
#11
2-Methylnaphthalene-d10
Concen: 0.345 ng
RT: 12.219 min Scan# 1
Delta R.T. -0.008 min
Lab File: BN020742.D
Acq: 14 Jul 2022 18:31

Instrument :
BNA_N
ClientSampleId :
PB146225BSD

Tgt Ion:152 Resp: 5579

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.2	24.4

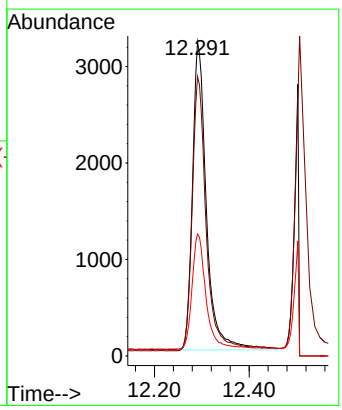


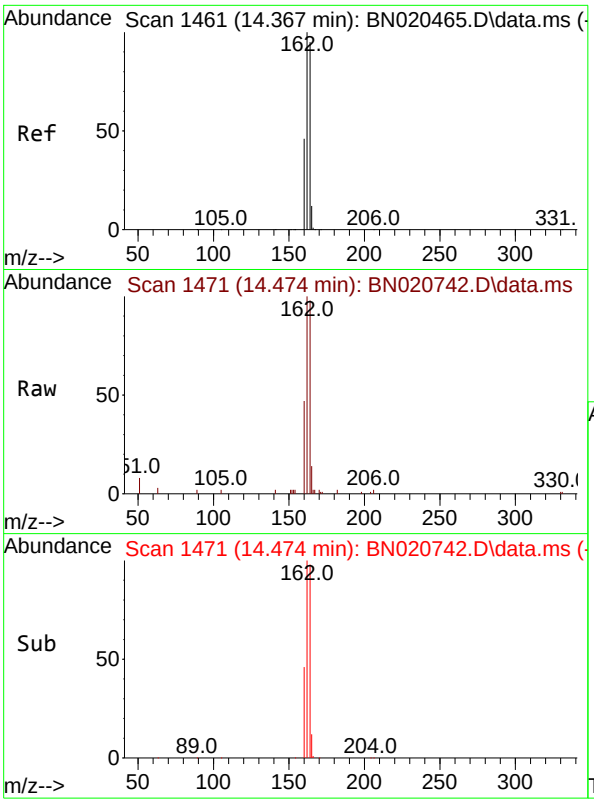


#12
2-Methylnaphthalene
Concen: 0.350 ng
RT: 12.291 min Scan# 1230
Delta R.T. -0.008 min
Lab File: BN020742.D
Acq: 14 Jul 2022 18:31

Tgt Ion:142 Resp: 6561

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.6	107.4
115	38.9	29.8	44.8



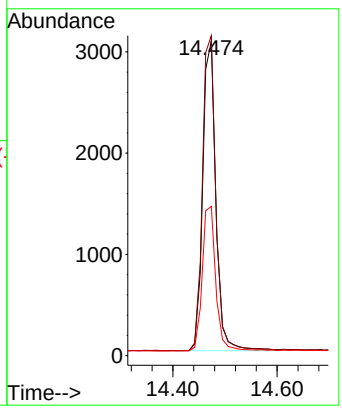


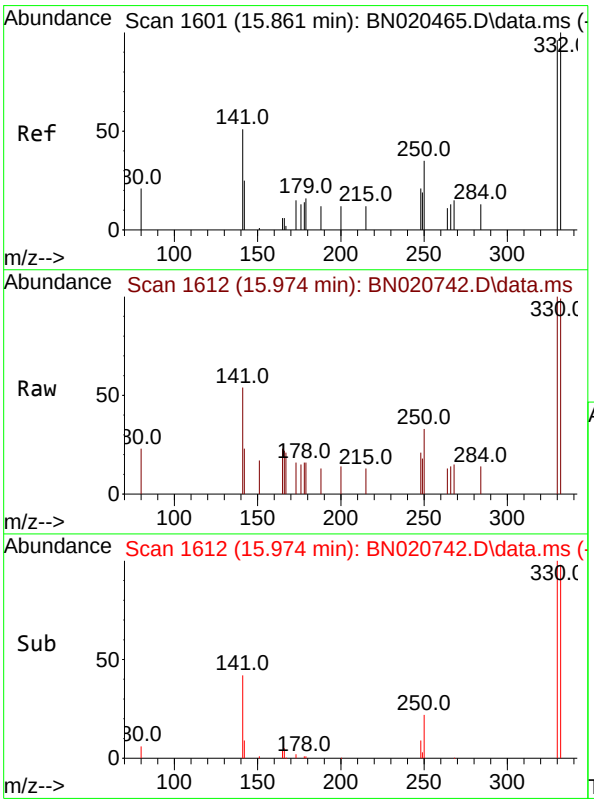
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN020742.D
Acq: 14 Jul 2022 18:31

Instrument :
BNA_N
ClientSampleId :
PB146225BSD

Tgt Ion:164 Resp: 5357

Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.1	123.1
160	47.4	38.6	58.0

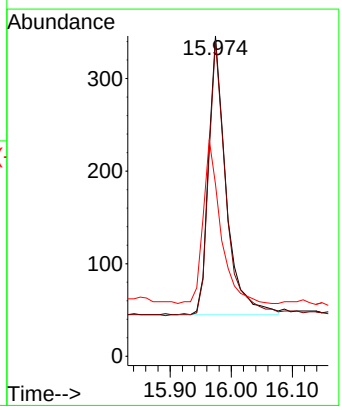


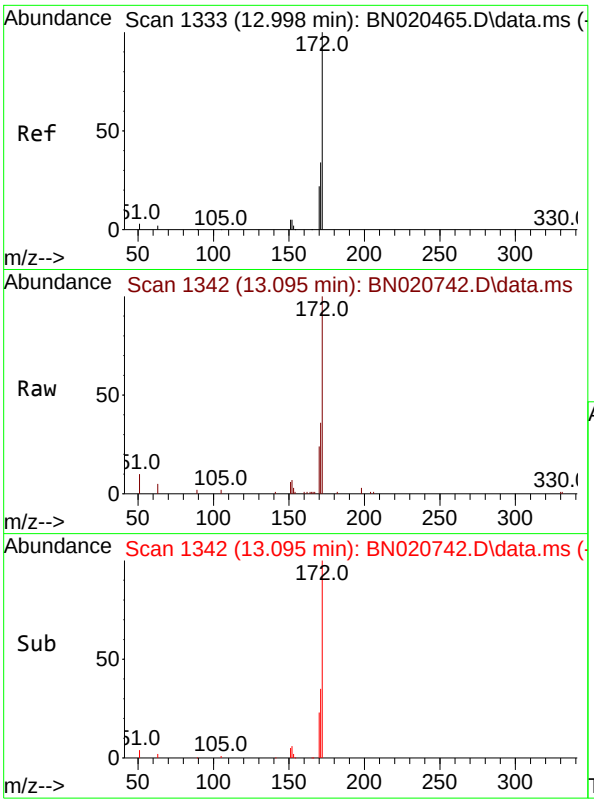


#14
2,4,6-Tribromophenol
Concen: 0.298 ng
RT: 15.974 min Scan# 1612
Delta R.T. 0.000 min
Lab File: BN020742.D
Acq: 14 Jul 2022 18:31

Tgt Ion:330 Resp: 601

Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.6	116.4
141	58.4	41.0	61.4



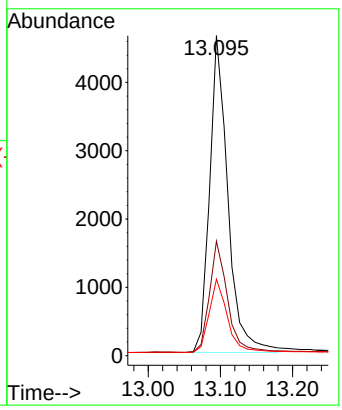


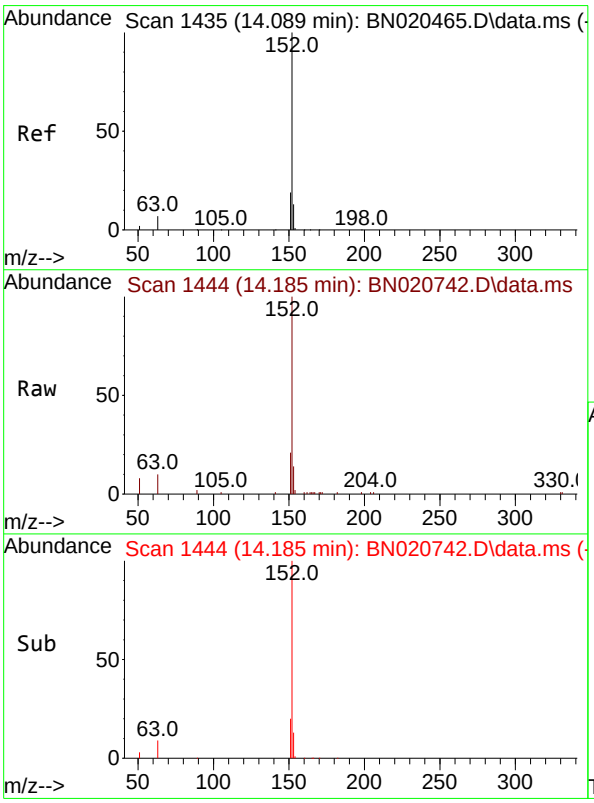
#15
2-Fluorobiphenyl
Concen: 0.369 ng
RT: 13.095 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN020742.D
Acq: 14 Jul 2022 18:31

Instrument :
BNA_N
ClientSampleId :
PB146225BSD

Tgt Ion:172 Resp: 8158

Ion	Ratio	Lower	Upper
172	100		
171	35.8	27.2	40.8
170	23.9	18.2	27.4

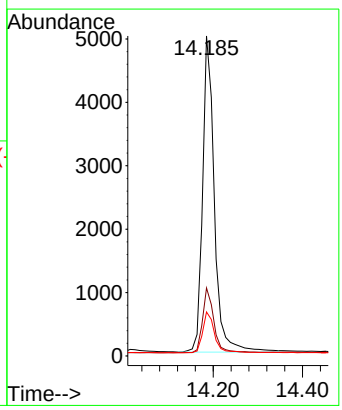


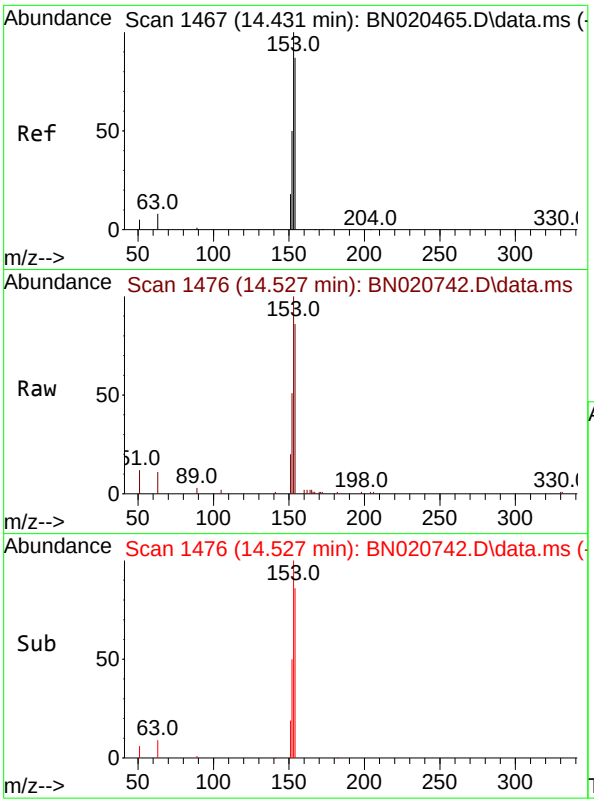


#16
Acenaphthylene
Concen: 0.355 ng
RT: 14.185 min Scan# 1444
Delta R.T. -0.011 min
Lab File: BN020742.D
Acq: 14 Jul 2022 18:31

Tgt Ion:152 Resp: 9133

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.2	24.4
153	13.0	10.7	16.1



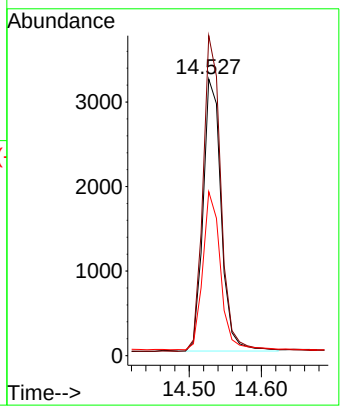


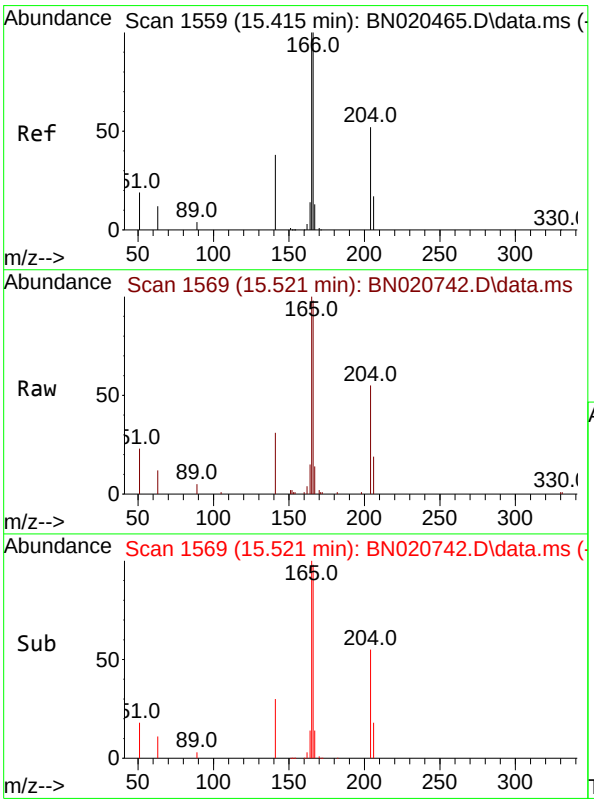
#17
Acenaphthene
Concen: 0.322 ng
RT: 14.527 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN020742.D
Acq: 14 Jul 2022 18:31

Instrument :
BNA_N
ClientSampleId :
PB146225BSD

Tgt Ion:154 Resp: 5643

Ion	Ratio	Lower	Upper
154	100		
153	115.9	87.5	131.3
152	57.3	43.8	65.6

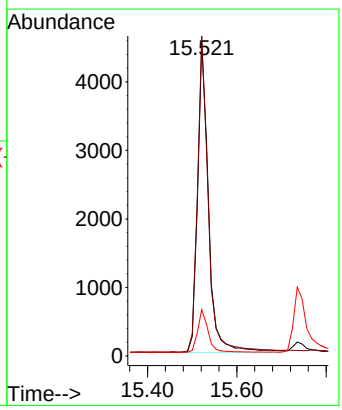


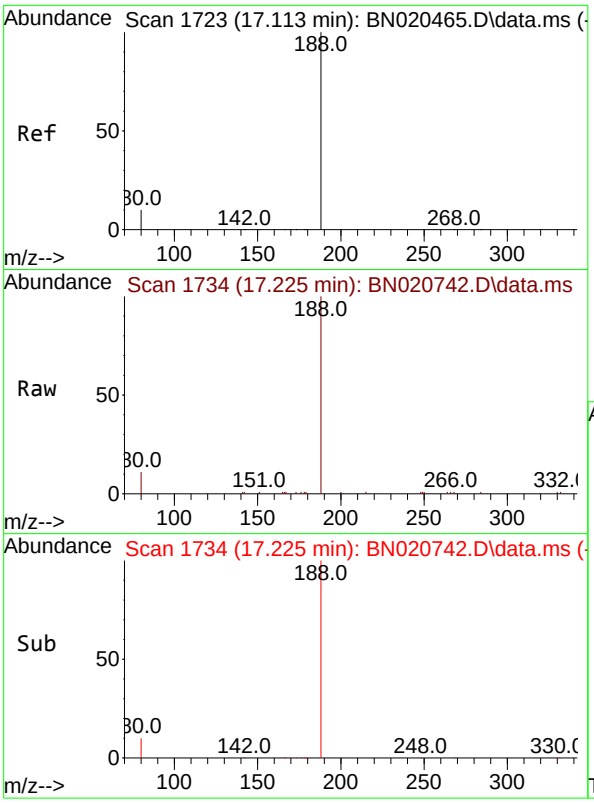


#18
Fluorene
Concen: 0.339 ng
RT: 15.521 min Scan# 1569
Delta R.T. -0.011 min
Lab File: BN020742.D
Acq: 14 Jul 2022 18:31

Tgt Ion:166 Resp: 7748

Ion	Ratio	Lower	Upper
166	100		
165	100.2	78.6	118.0
167	13.3	10.8	16.2



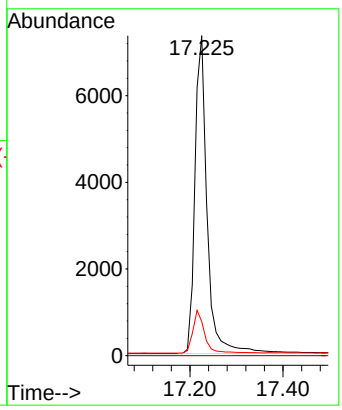


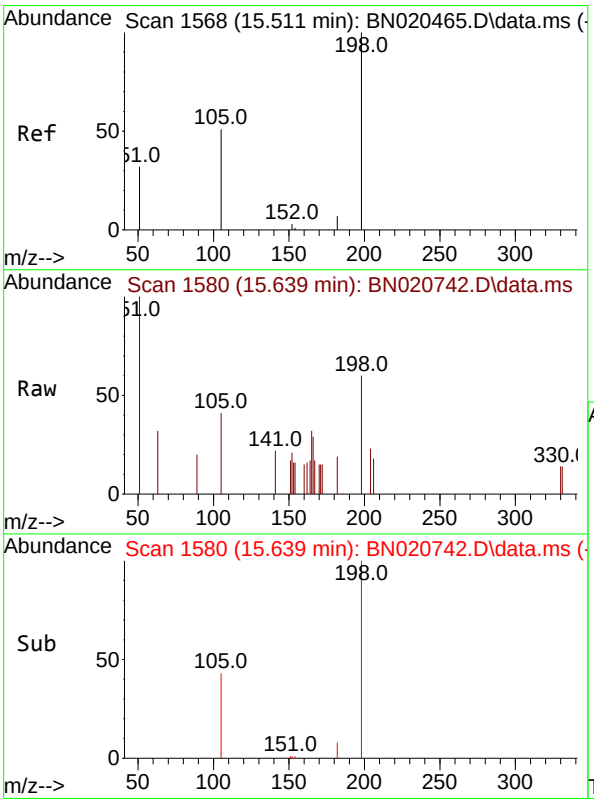
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.225 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN020742.D
Acq: 14 Jul 2022 18:31

Instrument :
BNA_N
ClientSampleId :
PB146225BSD

Tgt Ion:188 Resp: 13421

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.7	7.4	11.2

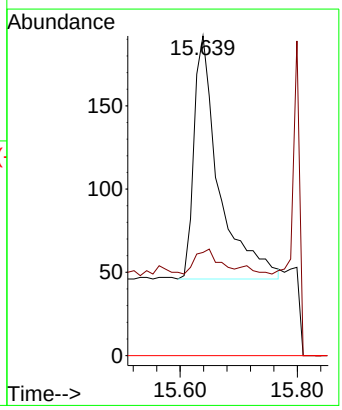


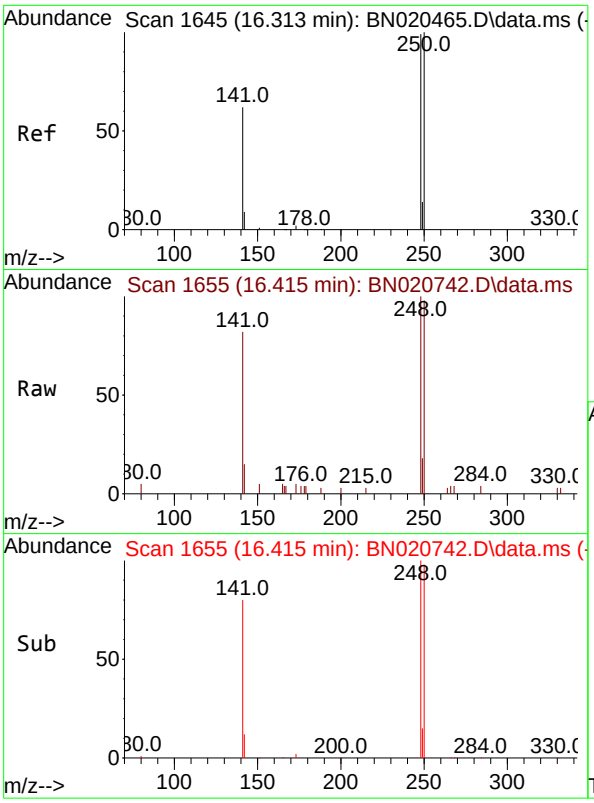


#20
4,6-Dinitro-2-methylphenol
Concen: 0.390 ng
RT: 15.639 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BN020742.D
Acq: 14 Jul 2022 18:31

Tgt Ion:198 Resp: 432

Ion	Ratio	Lower	Upper
198	100		
182	32.3	12.1	18.1#
77	0.0	0.0	0.0



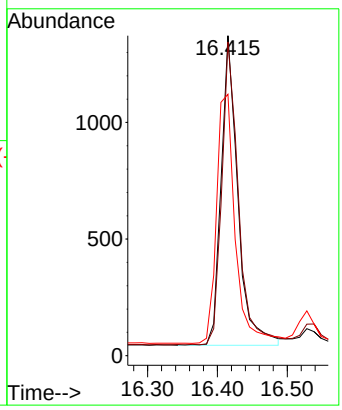


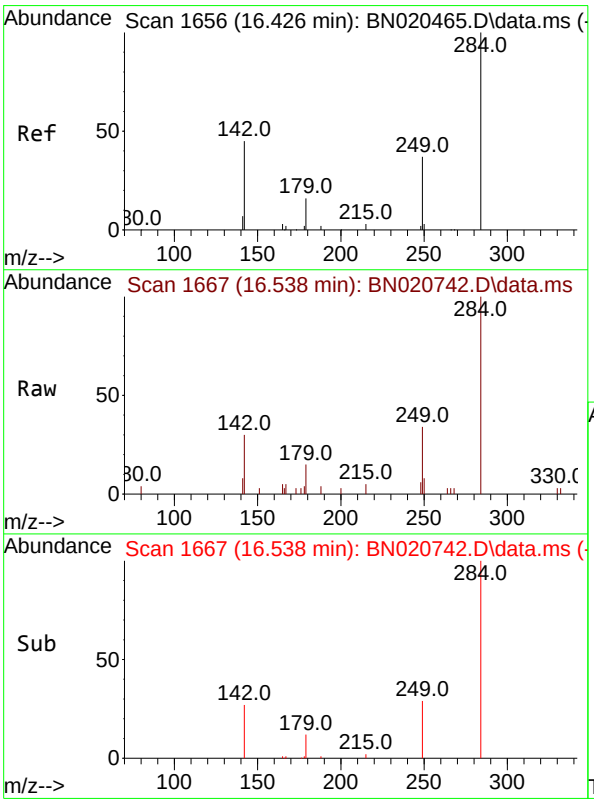
#21
4-Bromophenyl-phenylether
Concen: 0.283 ng
RT: 16.415 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN020742.D
Acq: 14 Jul 2022 18:31

Instrument :
BNA_N
ClientSampleId :
PB146225BSD

Tgt Ion:248 Resp: 2205

Ion	Ratio	Lower	Upper
248	100		
250	98.0	75.3	112.9
141	81.7	67.3	100.9

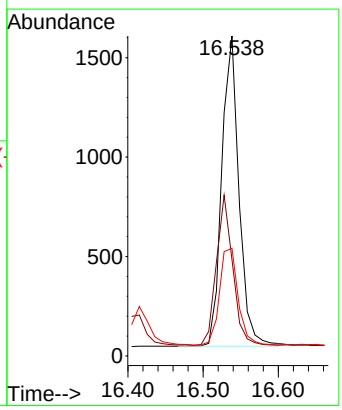


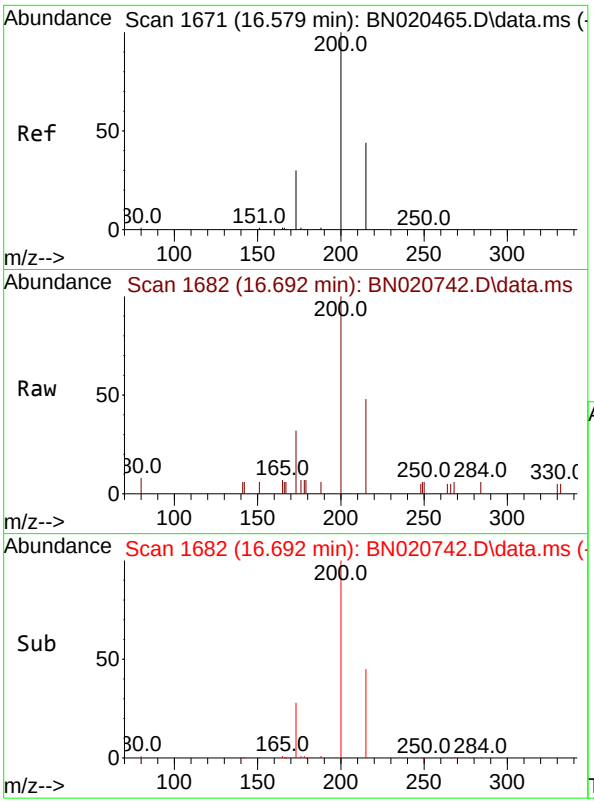


#22
Hexachlorobenzene
Concen: 0.286 ng
RT: 16.538 min Scan# 1667
Delta R.T. 0.000 min
Lab File: BN020742.D
Acq: 14 Jul 2022 18:31

Tgt Ion:284 Resp: 2471

Ion	Ratio	Lower	Upper
284	100		
142	46.1	35.2	52.8
249	33.9	26.6	40.0



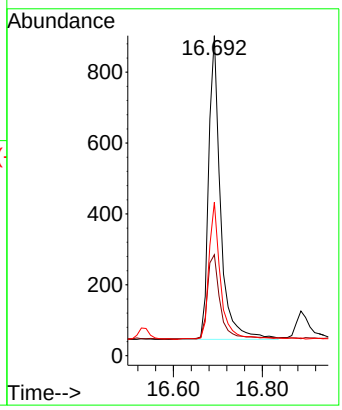


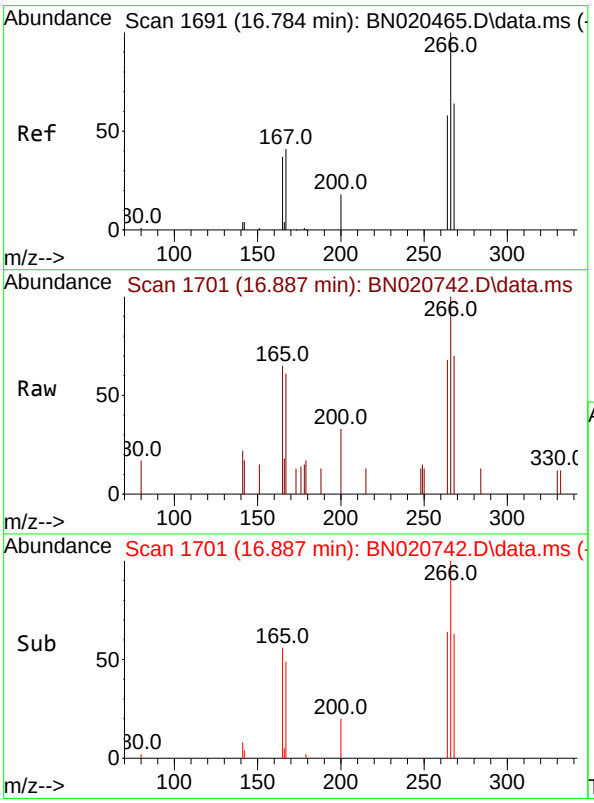
#23
Atrazine
Concen: 0.256 ng
RT: 16.692 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN020742.D
Acq: 14 Jul 2022 18:31

Instrument :
BNA_N
ClientSampleId :
PB146225BSD

Tgt Ion:200 Resp: 1577

Ion	Ratio	Lower	Upper
200	100		
173	31.6	23.6	35.4
215	48.0	36.6	54.8

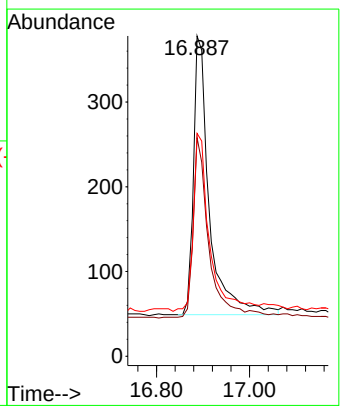


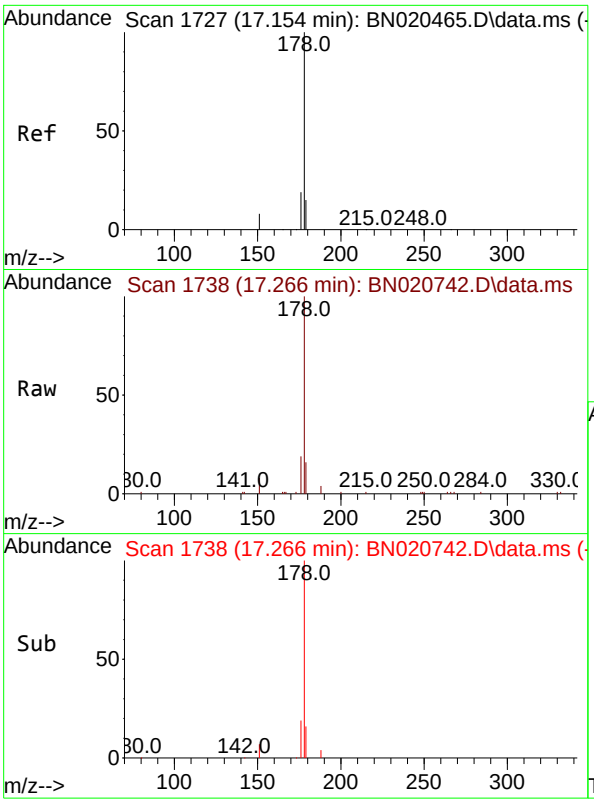


#24
Pentachlorophenol
Concen: 0.467 ng
RT: 16.887 min Scan# 1701
Delta R.T. -0.010 min
Lab File: BN020742.D
Acq: 14 Jul 2022 18:31

Tgt Ion:266 Resp: 785

Ion	Ratio	Lower	Upper
266	100		
264	62.5	51.3	76.9
268	65.0	52.6	79.0



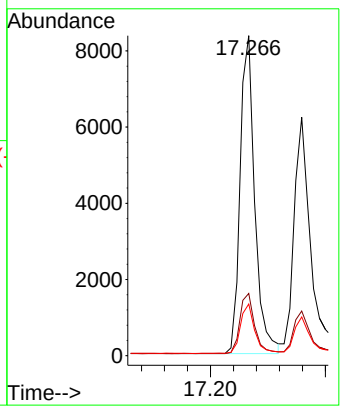


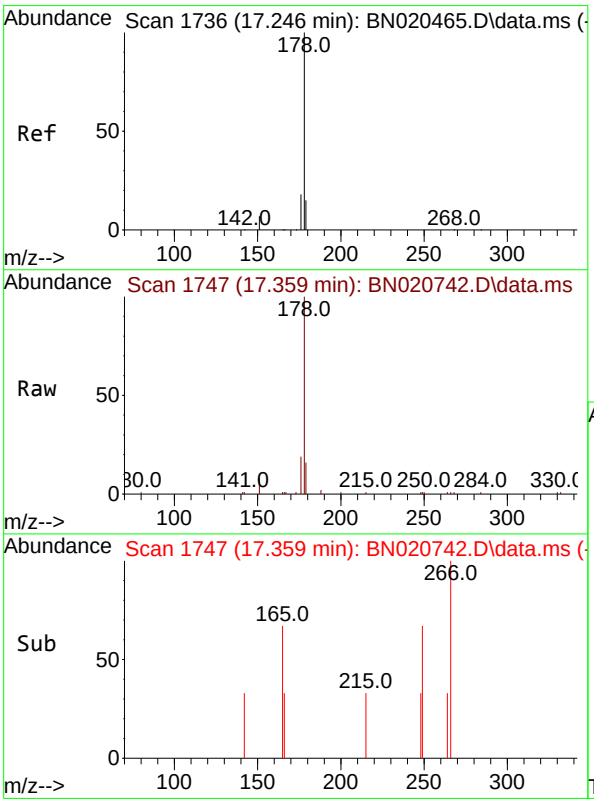
#25
Phenanthrene
Concen: 0.327 ng
RT: 17.266 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN020742.D
Acq: 14 Jul 2022 18:31

Instrument :
BNA_N
ClientSampleId :
PB146225BSD

Tgt Ion:178 Resp: 14782

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.2	12.2	18.4

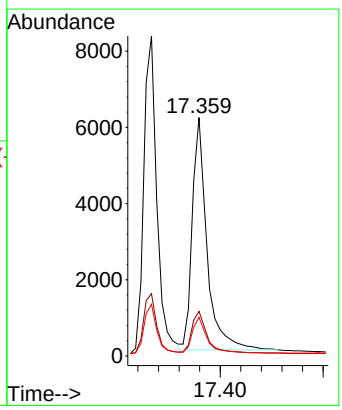


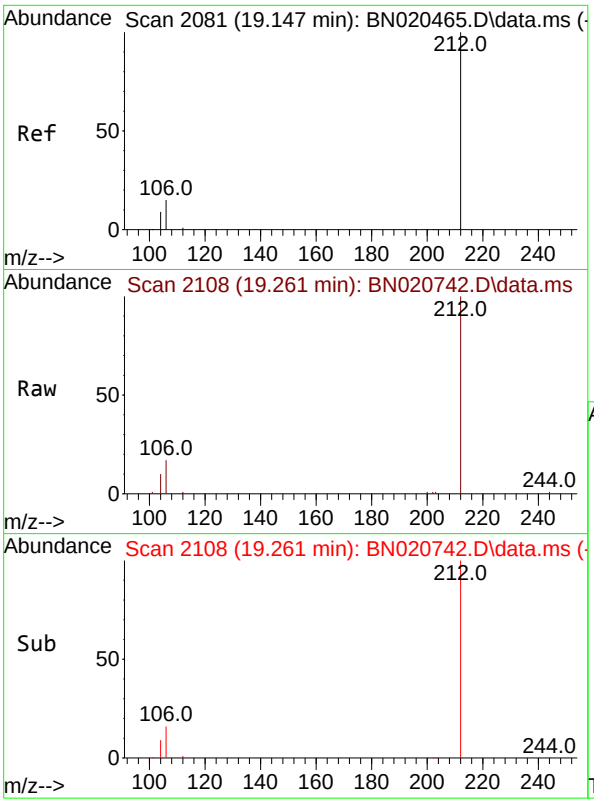


#26
Anthracene
Concen: 0.312 ng
RT: 17.359 min Scan# 1747
Delta R.T. 0.000 min
Lab File: BN020742.D
Acq: 14 Jul 2022 18:31

Tgt Ion:178 Resp: 12190

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



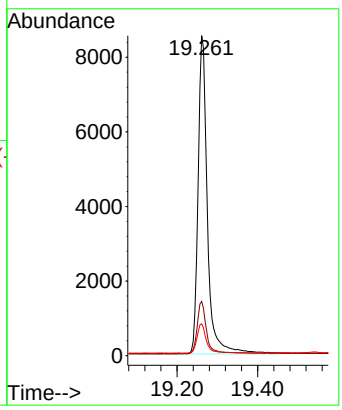


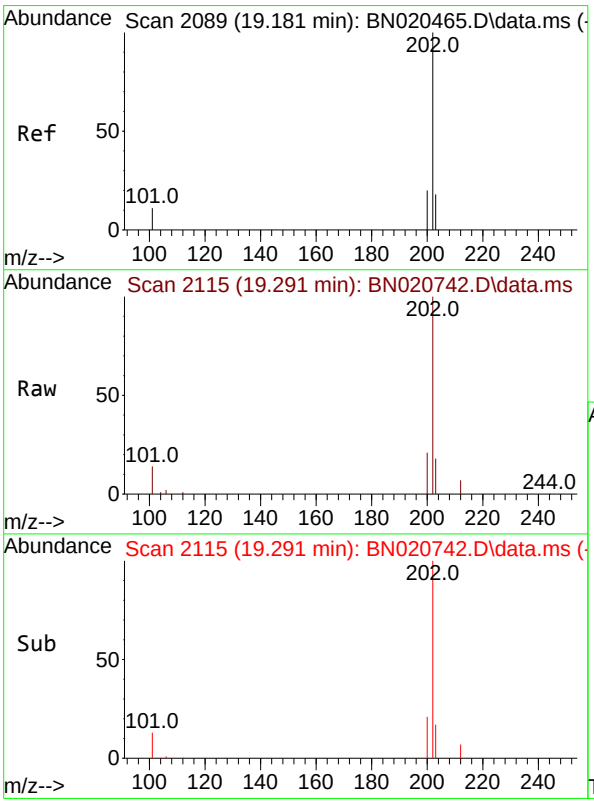
#27
Fluoranthene-d10
Concen: 0.343 ng
RT: 19.261 min Scan# 21
Delta R.T. -0.008 min
Lab File: BN020742.D
Acq: 14 Jul 2022 18:31

Instrument :
BNA_N
ClientSampleId :
PB146225BSD

Tgt Ion:212 Resp: 13679

Ion	Ratio	Lower	Upper
212	100		
106	16.0	12.6	19.0
104	9.3	7.2	10.8

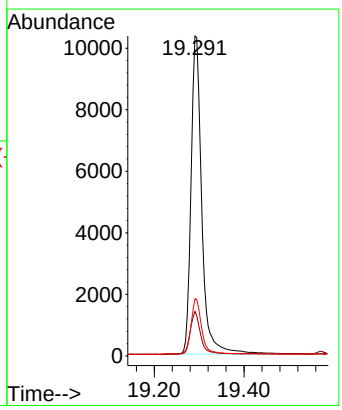


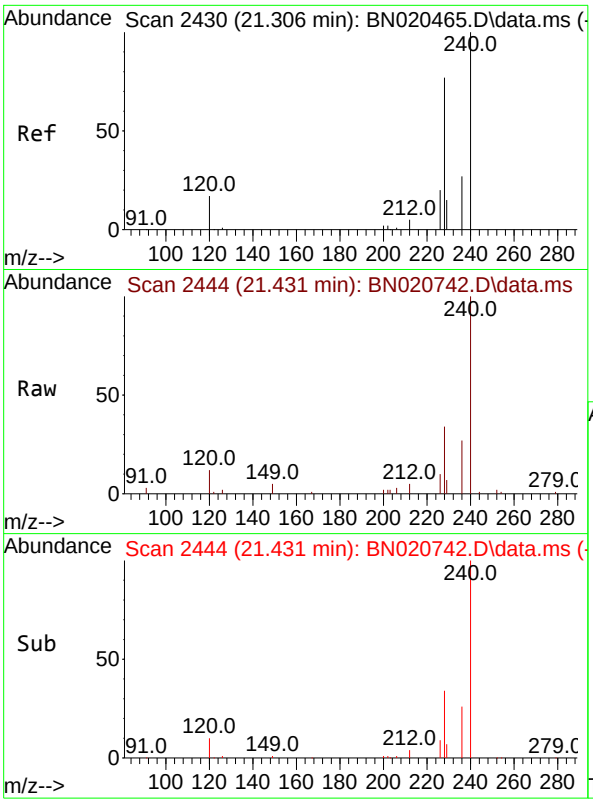


#28
Fluoranthene
Concen: 0.350 ng
RT: 19.291 min Scan# 2115
Delta R.T. -0.008 min
Lab File: BN020742.D
Acq: 14 Jul 2022 18:31

Tgt Ion:202 Resp: 17298

Ion	Ratio	Lower	Upper
202	100		
101	13.2	9.6	14.4
203	16.7	13.5	20.3



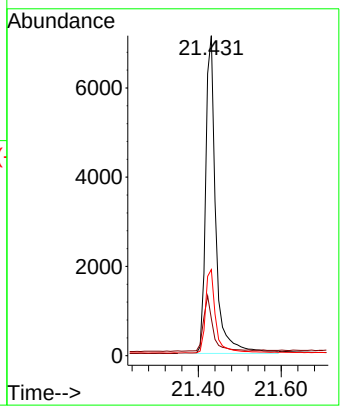


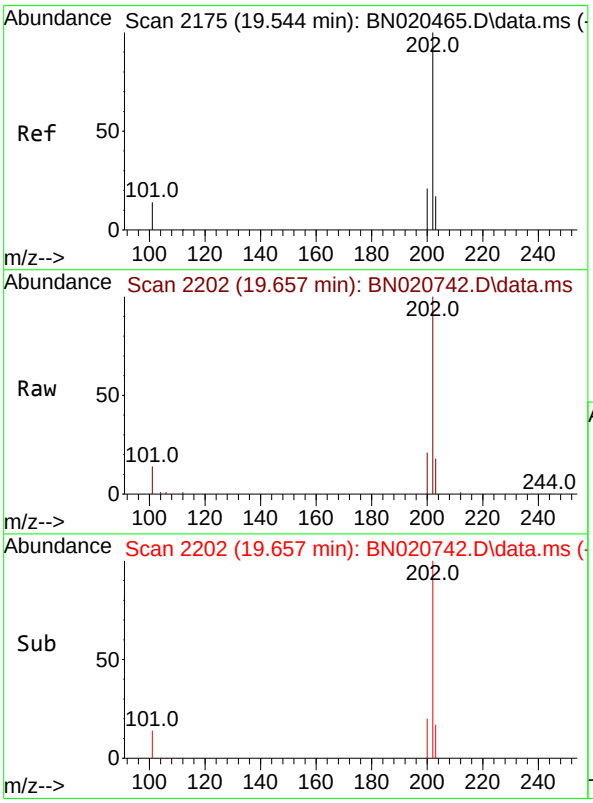
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.431 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN020742.D
Acq: 14 Jul 2022 18:31

Instrument :
BNA_N
ClientSampleId :
PB146225BSD

Tgt Ion:240 Resp: 12119

Ion	Ratio	Lower	Upper
240	100		
120	11.6	14.6	21.8#
236	26.9	22.6	33.8

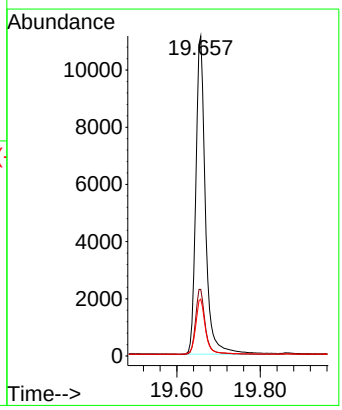


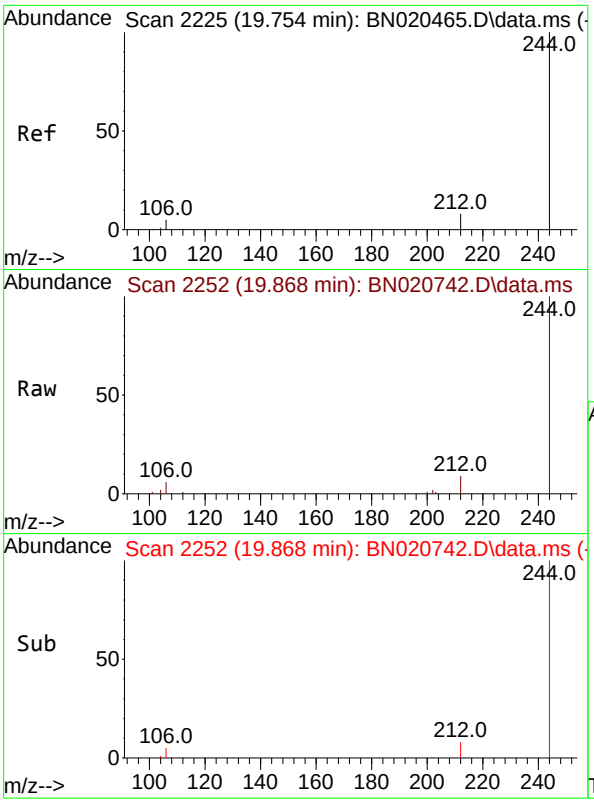


#30
Pyrene
Concen: 0.346 ng
RT: 19.657 min Scan# 2202
Delta R.T. -0.004 min
Lab File: BN020742.D
Acq: 14 Jul 2022 18:31

Tgt Ion:202 Resp: 17775

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	17.5	14.2	21.2



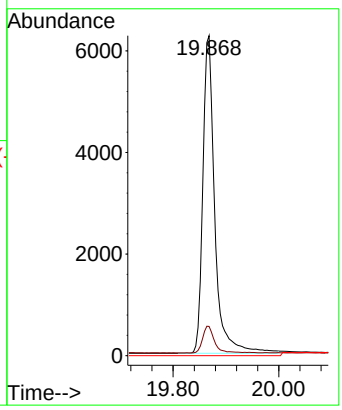


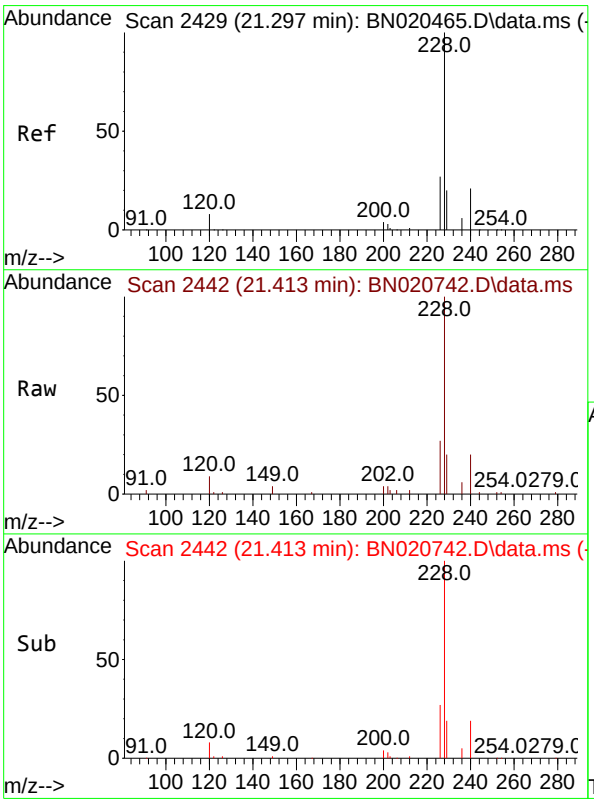
#31
Terphenyl-d14
Concen: 0.339 ng
RT: 19.868 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN020742.D
Acq: 14 Jul 2022 18:31

Instrument :
BNA_N
ClientSampleId :
PB146225BSD

Tgt Ion:244 Resp: 9809

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.1	10.7
122	0.0	0.0	0.0

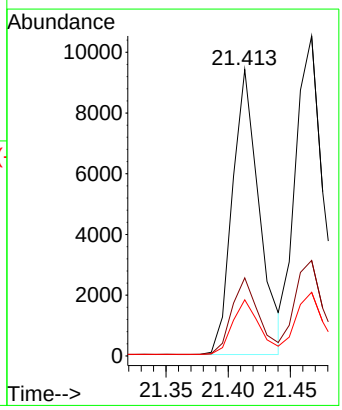


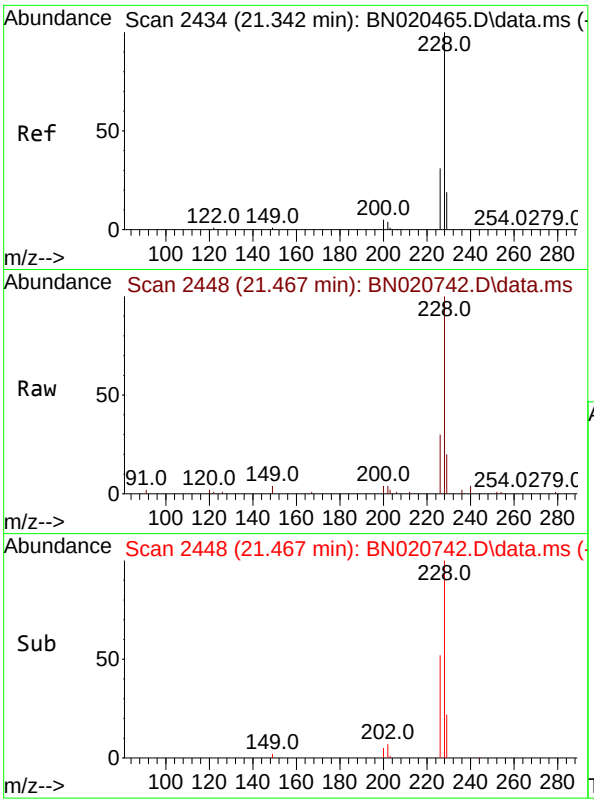


#32
Benzo(a)anthracene
Concen: 0.326 ng
RT: 21.413 min Scan# 2442
Delta R.T. -0.009 min
Lab File: BN020742.D
Acq: 14 Jul 2022 18:31

Tgt Ion:228 Resp: 14100

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.2	31.8
229	19.6	15.6	23.4



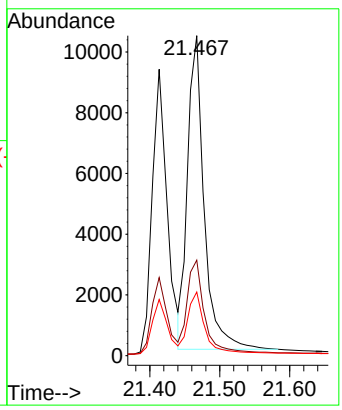


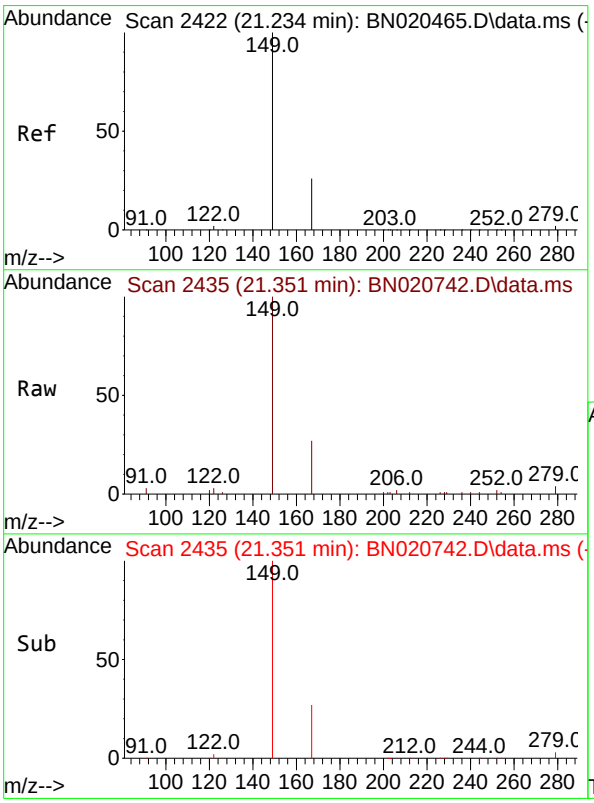
#33
Chrysene
Concen: 0.355 ng
RT: 21.467 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN020742.D
Acq: 14 Jul 2022 18:31

Instrument :
BNA_N
ClientSampleId :
PB146225BSD

Tgt Ion:228 Resp: 17029

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.4	35.0
229	19.9	15.7	23.5

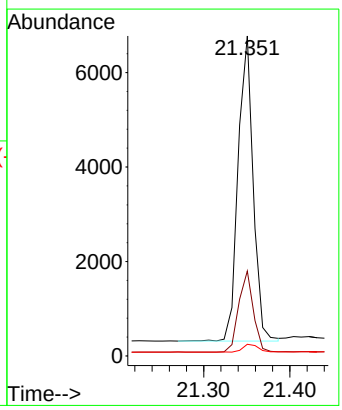


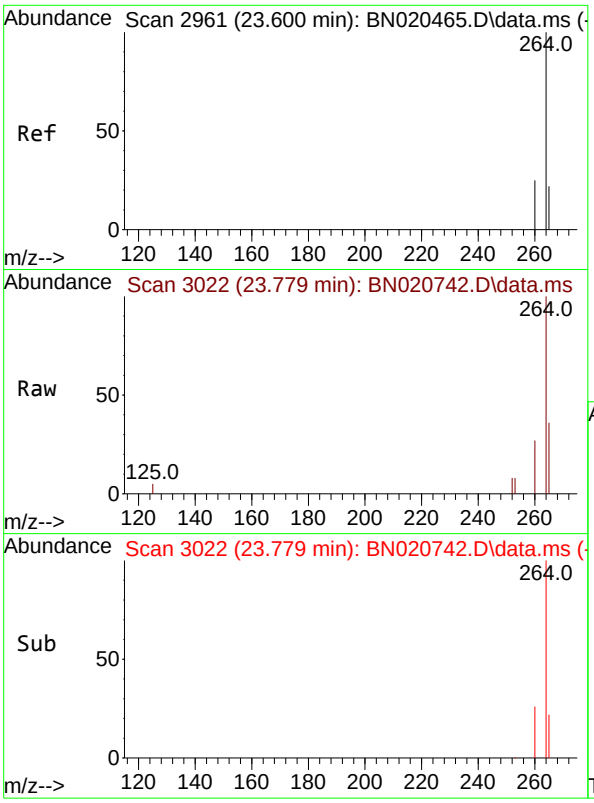


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.323 ng
RT: 21.351 min Scan# 2435
Delta R.T. 0.000 min
Lab File: BN020742.D
Acq: 14 Jul 2022 18:31

Tgt Ion:149 Resp: 7870

Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.7	32.5
279	2.9	2.2	3.2



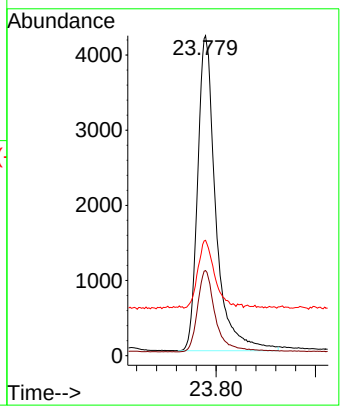


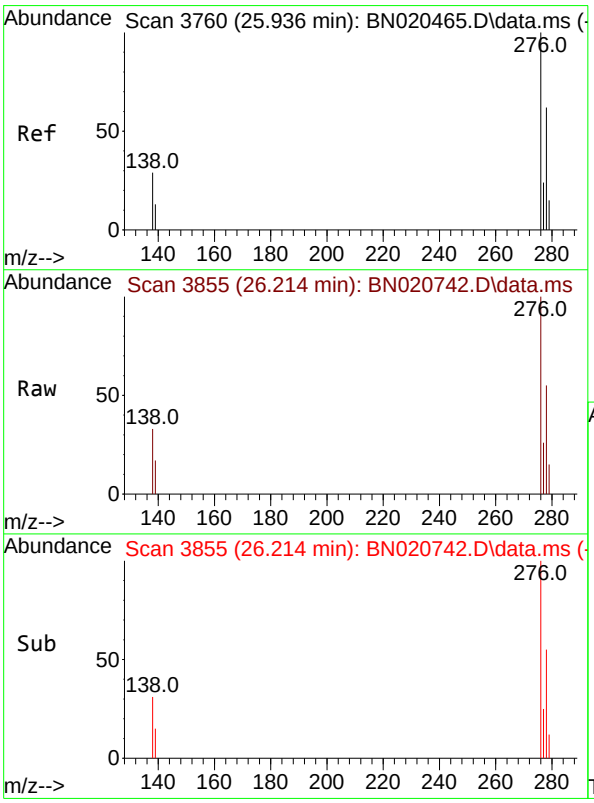
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.779 min Scan# 3
Delta R.T. -0.012 min
Lab File: BN020742.D
Acq: 14 Jul 2022 18:31

Instrument :
BNA_N
ClientSampleId :
PB146225BSD

Tgt Ion:264 Resp: 10643

Ion	Ratio	Lower	Upper
264	100		
260	26.6	20.9	31.3
265	36.0	28.0	42.0

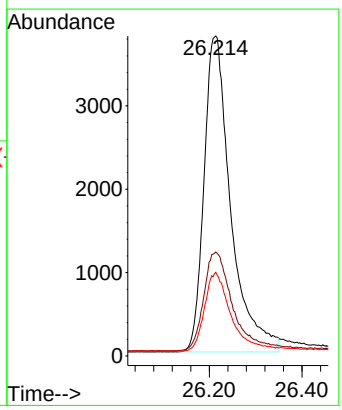


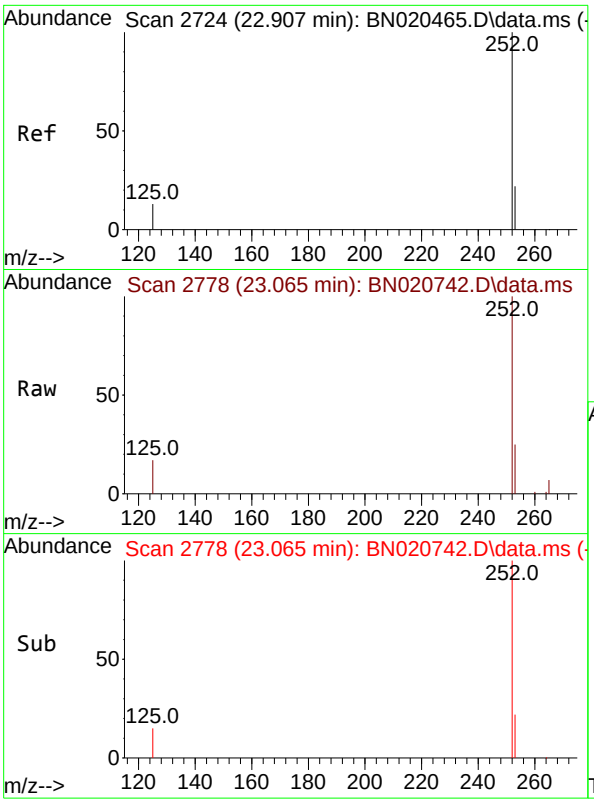


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.320 ng
RT: 26.214 min Scan# 3855
Delta R.T. -0.009 min
Lab File: BN020742.D
Acq: 14 Jul 2022 18:31

Tgt Ion:276 Resp: 15162

Ion	Ratio	Lower	Upper
276	100		
138	33.9	25.9	38.9
277	24.7	19.8	29.8



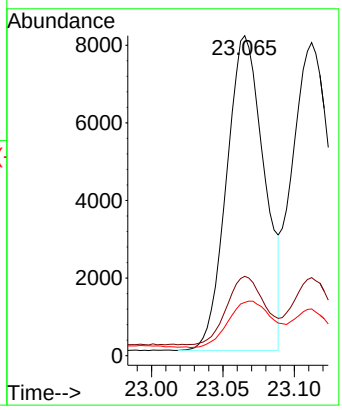


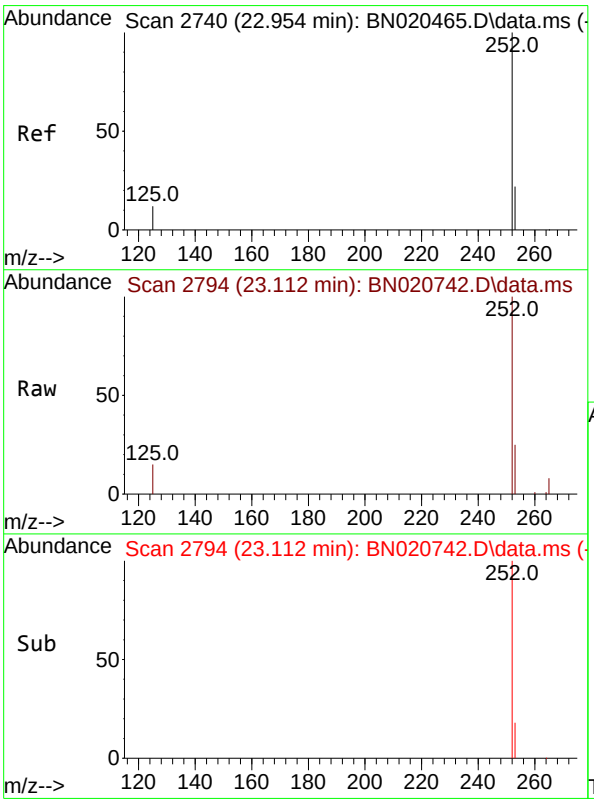
#37
Benzo(b)fluoranthene
Concen: 0.363 ng
RT: 23.065 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN020742.D
Acq: 14 Jul 2022 18:31

Instrument :
BNA_N
ClientSampleId :
PB146225BSD

Tgt Ion:252 Resp: 14888

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.5	27.7
125	16.6	11.4	17.0

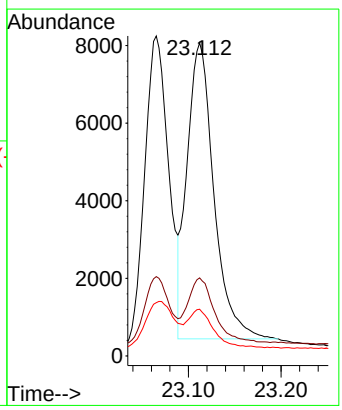


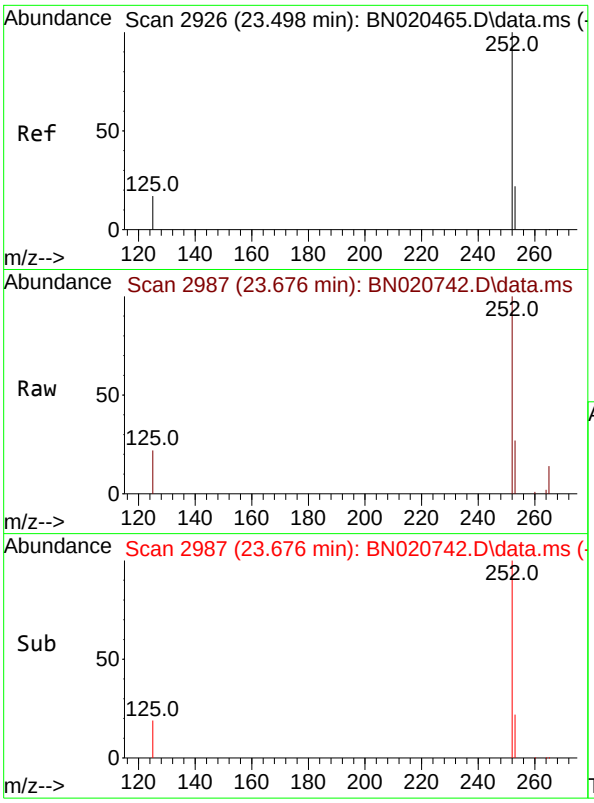


#38
Benzo(k)fluoranthene
Concen: 0.352 ng
RT: 23.112 min Scan# 2794
Delta R.T. -0.009 min
Lab File: BN020742.D
Acq: 14 Jul 2022 18:31

Tgt Ion:252 Resp: 15348

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.0	27.0
125	14.9	11.0	16.4



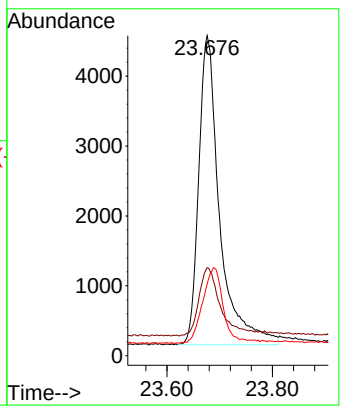


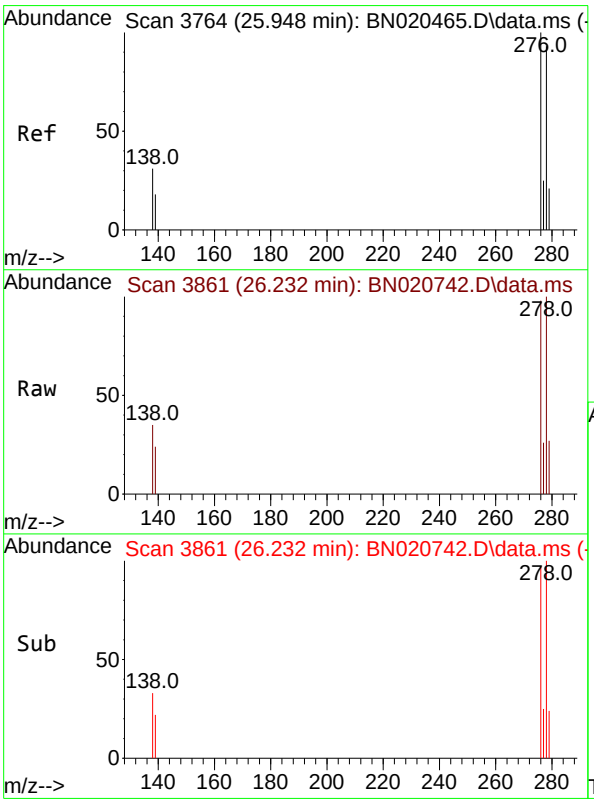
#39
Benzo(a)pyrene
Concen: 0.343 ng
RT: 23.676 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN020742.D
Acq: 14 Jul 2022 18:31

Instrument :
BNA_N
ClientSampleId :
PB146225BSD

Tgt Ion:252 Resp: 12183

Ion	Ratio	Lower	Upper
252	100		
253	27.5	19.0	28.4
125	22.4	13.8	20.8#

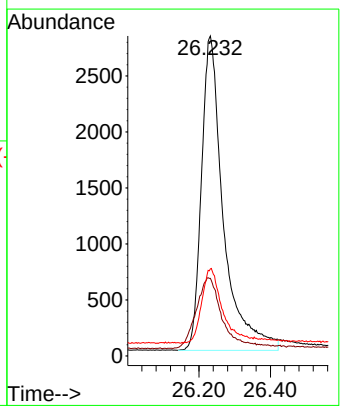


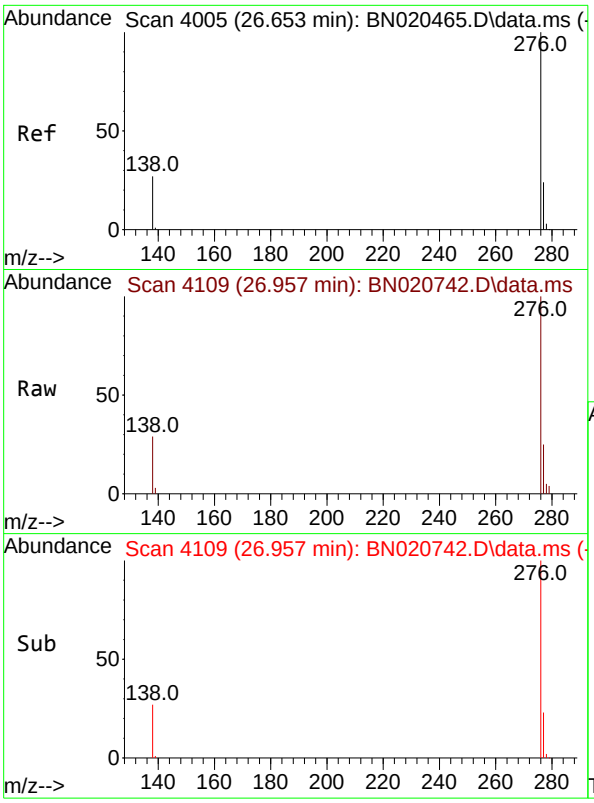


#40
Dibenzo(a,h)anthracene
Concen: 0.315 ng
RT: 26.232 min Scan# 3861
Delta R.T. -0.015 min
Lab File: BN020742.D
Acq: 14 Jul 2022 18:31

Tgt Ion:278 Resp: 11962

Ion	Ratio	Lower	Upper
278	100		
139	24.2	18.6	28.0
279	27.2	19.7	29.5





#41
Benzo(g,h,i)perylene
Concen: 0.316 ng
RT: 26.957 min Scan# 4
Delta R.T. -0.012 min
Lab File: BN020742.D
Acq: 14 Jul 2022 18:31

Instrument :
BNA_N
ClientSampleId :
PB146225BSD

Tgt Ion:276 Resp: 13117

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.5	29.3
138	29.1	22.6	34.0