Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071422\
Data File : BN020741.D
Acq On : 14 Jul 2022 17:54
Operator : CG/JU
Sample : PB146225BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB146225BS

Quant Time: Jul 15 02:51:12 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	2799	0.400	ng		0.00
7) Naphthalene-d8	10.616	136	10227	0.400	ng		#-0.01
13) Acenaphthene-d10	14.474	164	6476	0.400	ng		0.00
19) Phenanthrene-d10	17.225	188	13333	0.400	ng		0.00
29) Chrysene-d12	21.431	240	14202	0.400	ng		# 0.00
35) Perylene-d12	23.779	264	12318	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.406	112	2631	0.339	ng		0.00
5) Phenol-d6	7.017	99	3403	0.367	ng		-0.01
8) Nitrobenzene-d5	8.982	82	2907	0.351	ng		-0.01
11) 2-Methylnaphthalene-d10	12.219	152	6282	0.358	ng		0.00
14) 2,4,6-Tribromophenol	15.974	330	764	0.313	ng		0.00
15) 2-Fluorobiphenyl	13.095	172	9657	0.361	ng		-0.01
27) Fluoranthene-d10	19.261	212	12364	0.312	ng		0.00
31) Terphenyl-d14	19.864	244	9435	0.278	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.254	88	1400	0.382	ng		98
3) n-Nitrosodimethylamine	3.600	42	1369	0.409	ng	#	93
6) bis(2-Chloroethyl)ether	7.248	93	2906	0.364	ng		98
9) Naphthalene	10.669	128	11126	0.364	ng		99
10) Hexachlorobutadiene	10.957	225	1947	0.350	ng	#	99
12) 2-Methylnaphthalene	12.291	142	7510	0.370	ng		99
16) Acenaphthylene	14.185	152	10741	0.345	ng		98
17) Acenaphthene	14.527	154	7613	0.359	ng		95
18) Fluorene	15.521	166	10128	0.367	ng		100
20) 4,6-Dinitro-2-methylph...	15.628	198	582	0.448	ng	#	75
21) 4-Bromophenyl-phenylether	16.415	248	2611	0.337	ng		93
22) Hexachlorobenzene	16.538	284	2974	0.346	ng		97
23) Atrazine	16.692	200	1876	0.307	ng		99
24) Pentachlorophenol	16.887	266	886	0.506	ng		96
25) Phenanthrene	17.266	178	15750	0.350	ng		100
26) Anthracene	17.359	178	12232	0.316	ng		99
28) Fluoranthene	19.291	202	15814	0.322	ng		100
30) Pyrene	19.657	202	16386	0.273	ng		100
32) Benzo(a)anthracene	21.413	228	16735	0.330	ng		98
33) Chrysene	21.467	228	19479	0.347	ng		99
34) Bis(2-ethylhexyl)phtha...	21.351	149	10394	0.364	ng		98
36) Indeno(1,2,3-cd)pyrene	26.208	276	17345	0.316	ng		98
37) Benzo(b)fluoranthene	23.065	252	16553	0.349	ng		96
38) Benzo(k)fluoranthene	23.112	252	17396	0.344	ng		97
39) Benzo(a)pyrene	23.679	252	14186	0.345	ng	#	90
40) Dibenzo(a,h)anthracene	26.232	278	13549	0.308	ng		98
41) Benzo(g,h,i)perylene	26.954	276	14861	0.309	ng		98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071422\
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Misc :
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Instrument :
BNA_N
ClientSampleId :
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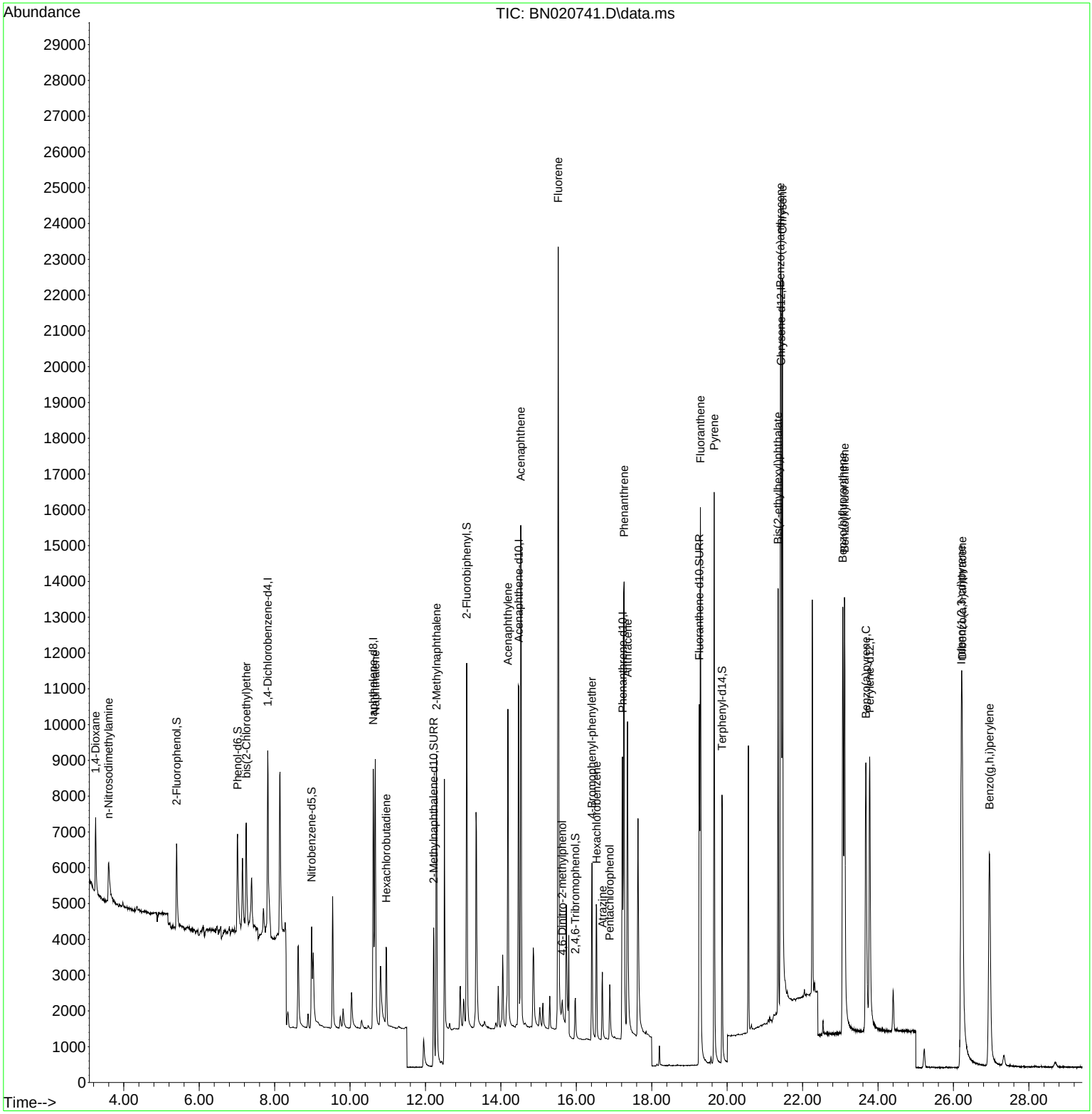
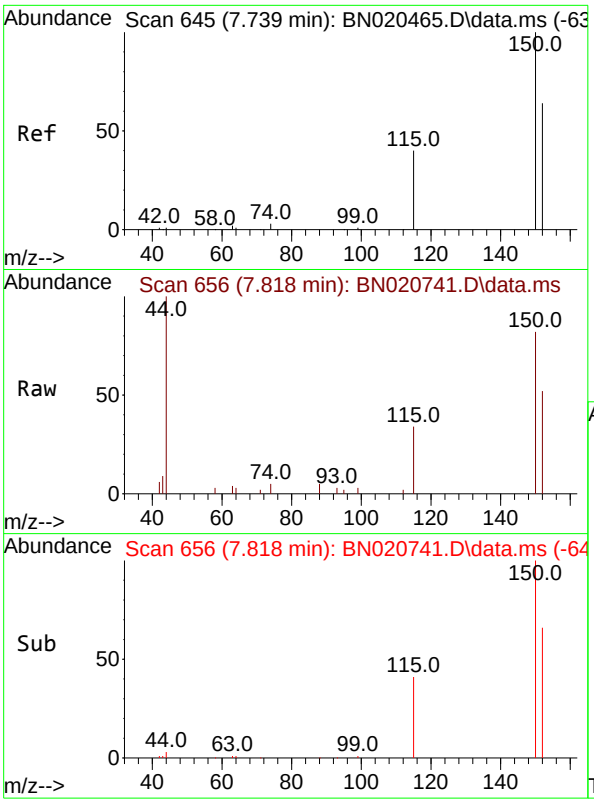
Quant Time: Jul 15 02:51:12 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 02 03:10:12 2022
Response via : Initial Calibration



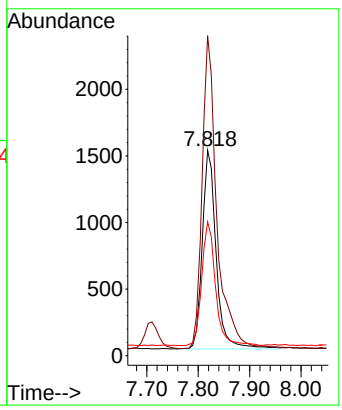


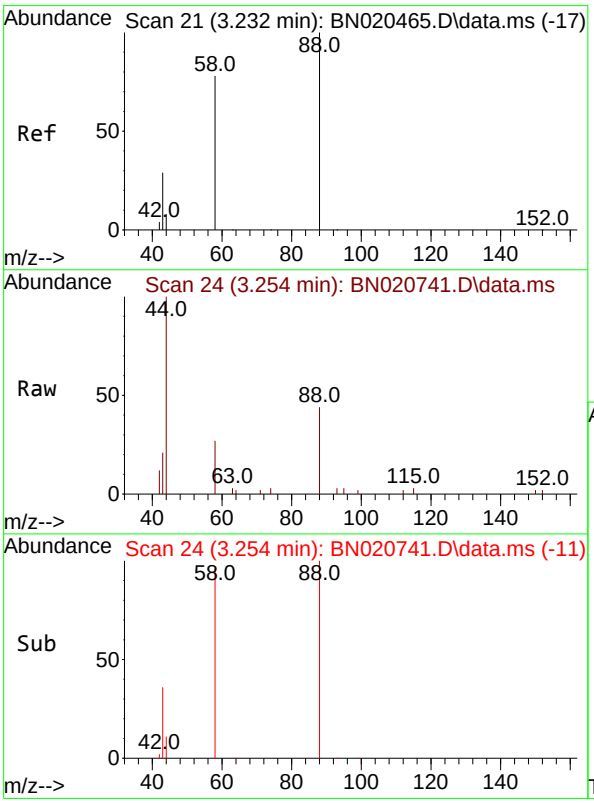
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.818 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN020741.D
Acq: 14 Jul 2022 17:54

Instrument :
BNA_N
ClientSampleId :
PB146225BS

Tgt Ion:152 Resp: 2799

Ion	Ratio	Lower	Upper
152	100		
150	155.9	127.9	191.9
115	65.3	51.4	77.2

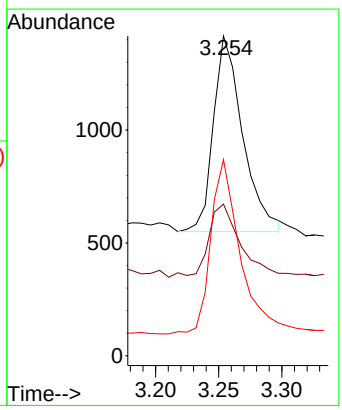


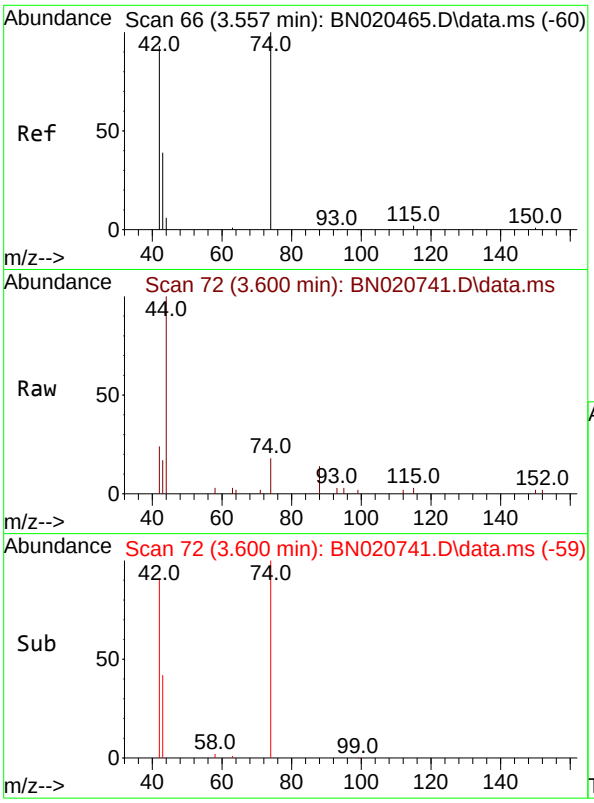


#2
1,4-Dioxane
Concen: 0.382 ng
RT: 3.254 min Scan# 24
Delta R.T. -0.007 min
Lab File: BN020741.D
Acq: 14 Jul 2022 17:54

Tgt Ion: 88 Resp: 1400

Ion	Ratio	Lower	Upper
88	100		
43	37.3	30.2	45.2
58	88.3	73.0	109.6



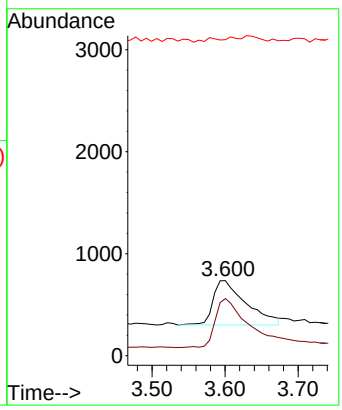


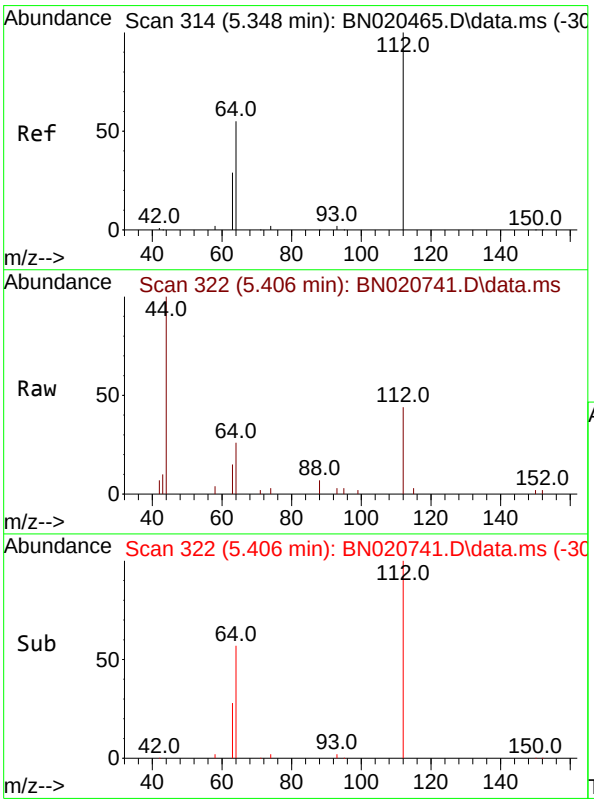
#3
n-Nitrosodimethylamine
Concen: 0.409 ng
RT: 3.600 min Scan# 7
Delta R.T. -0.007 min
Lab File: BN020741.D
Acq: 14 Jul 2022 17:54

Instrument :
BNA_N
ClientSampleId :
PB146225BS

Tgt Ion: 42 Resp: 1369

Ion	Ratio	Lower	Upper
42	100		
74	109.2	84.0	126.0
44	0.0	9.8	14.8#

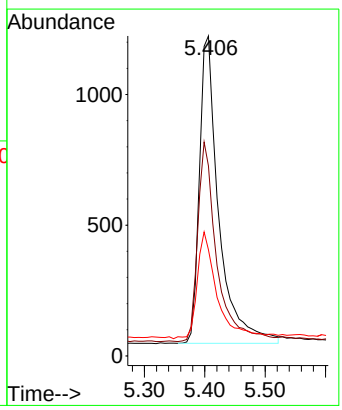


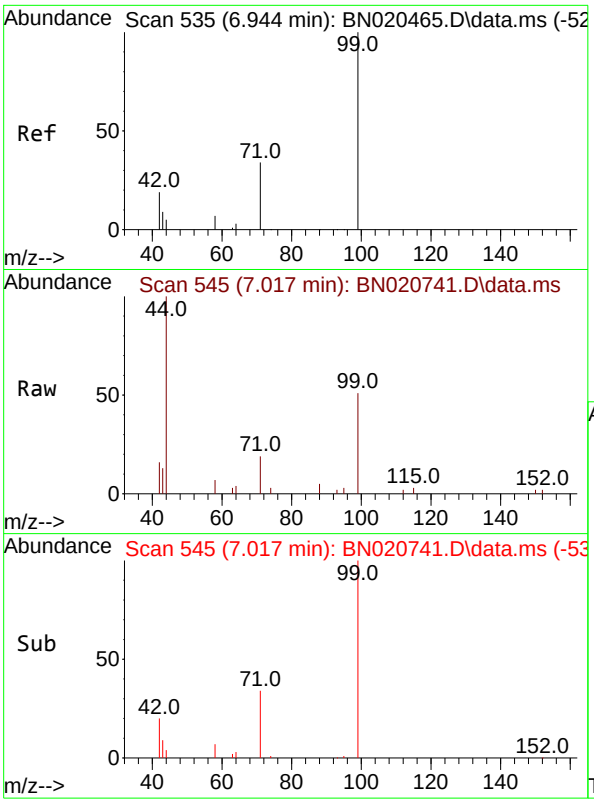


#4
2-Fluorophenol
Concen: 0.339 ng
RT: 5.406 min Scan# 322
Delta R.T. -0.007 min
Lab File: BN020741.D
Acq: 14 Jul 2022 17:54

Tgt Ion:112 Resp: 2631

Ion	Ratio	Lower	Upper
112	100		
64	63.5	49.1	73.7
63	36.0	26.3	39.5



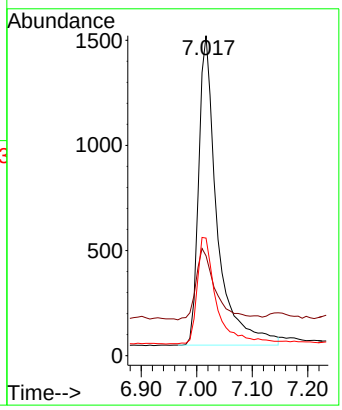


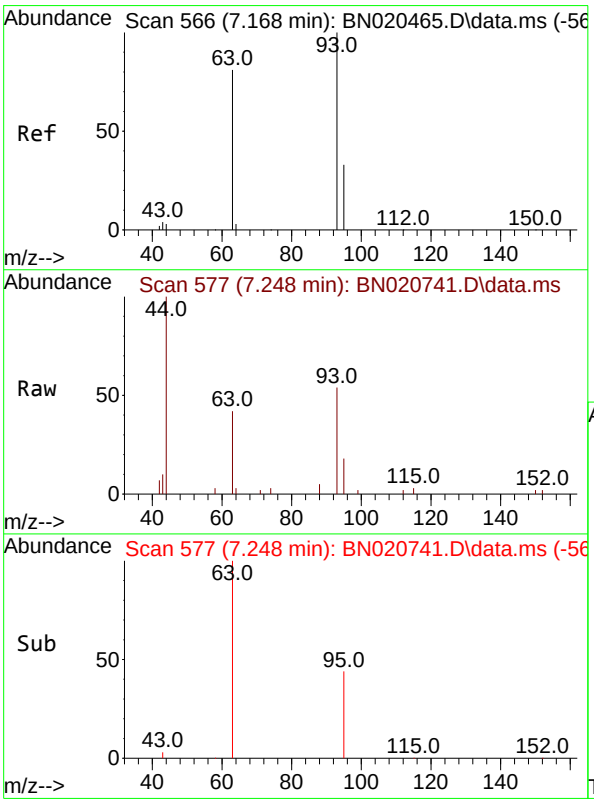
#5
Phenol-d6
Concen: 0.367 ng
RT: 7.017 min Scan# 54
Delta R.T. -0.014 min
Lab File: BN020741.D
Acq: 14 Jul 2022 17:54

Instrument :
BNA_N
ClientSampleId :
PB146225BS

Tgt Ion: 99 Resp: 3403

Ion	Ratio	Lower	Upper
99	100		
42	24.4	19.3	28.9
71	36.0	27.5	41.3

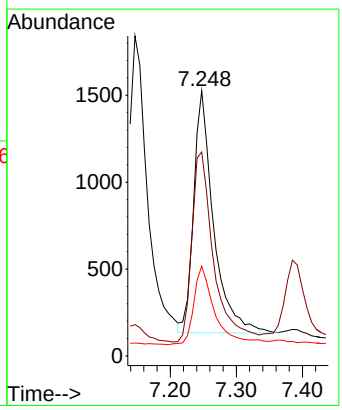


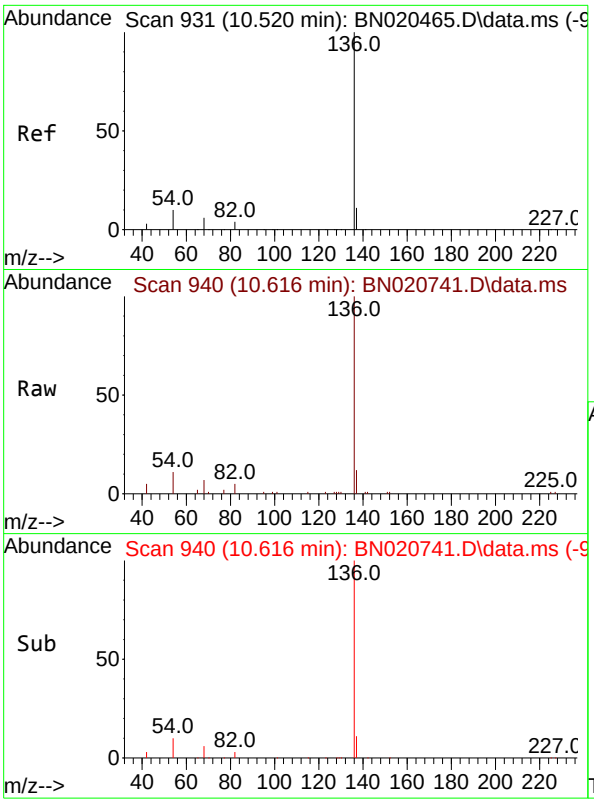


#6
bis(2-Chloroethyl)ether
Concen: 0.364 ng
RT: 7.248 min Scan# 577
Delta R.T. -0.007 min
Lab File: BN020741.D
Acq: 14 Jul 2022 17:54

Tgt Ion: 93 Resp: 2906

Ion	Ratio	Lower	Upper
93	100		
63	86.3	67.4	101.0
95	34.6	26.5	39.7



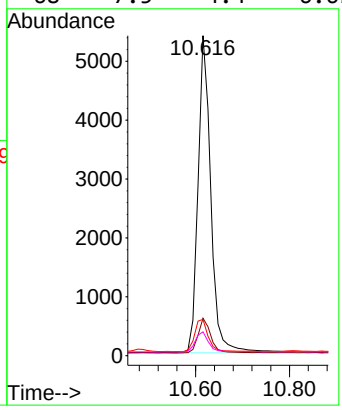


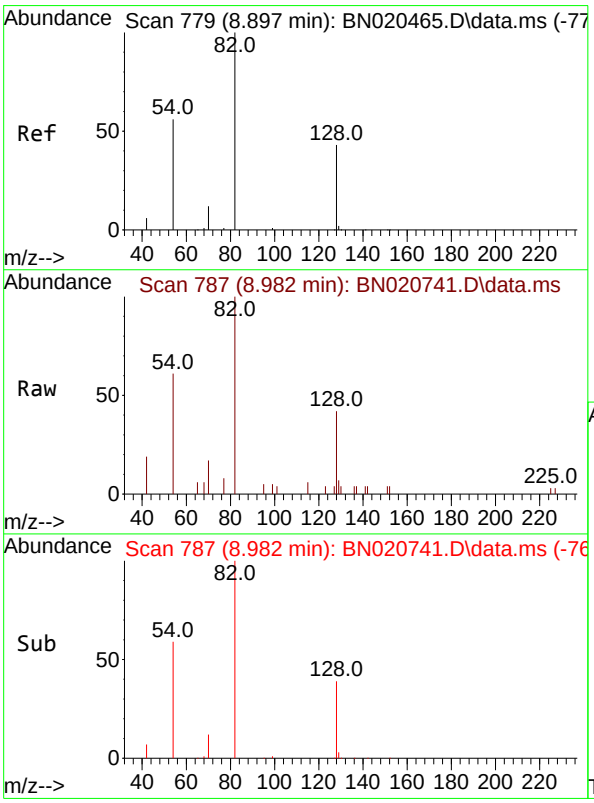
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.616 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN020741.D
Acq: 14 Jul 2022 17:54

Instrument :
BNA_N
ClientSampleId :
PB146225BS

Tgt Ion:136 Resp: 10227

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.0	13.6
54	11.4	6.2	9.2#
68	7.5	4.4	6.6#

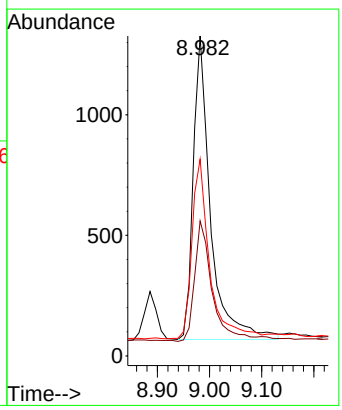


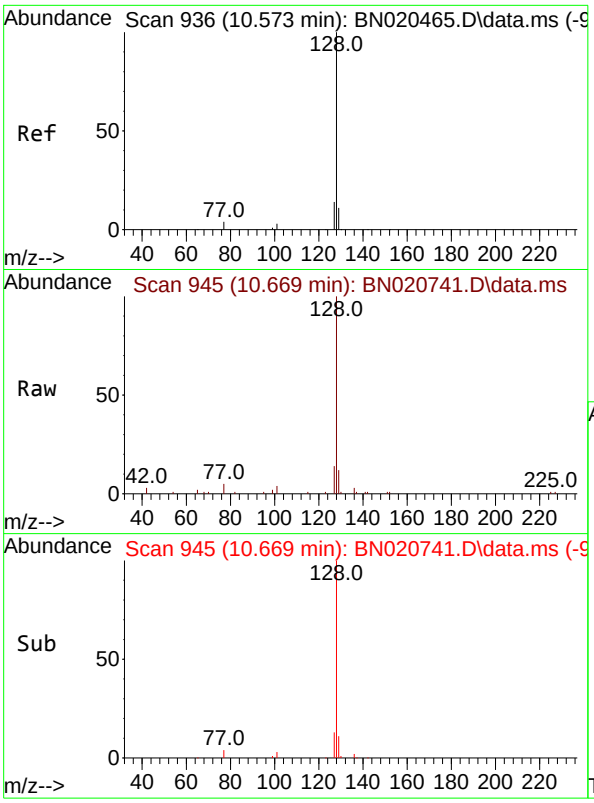


#8
Nitrobenzene-d5
Concen: 0.351 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN020741.D
Acq: 14 Jul 2022 17:54

Tgt Ion: 82 Resp: 2907

Ion	Ratio	Lower	Upper
82	100		
128	42.2	35.0	52.6
54	61.5	46.2	69.4



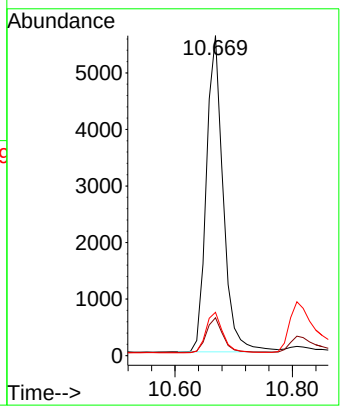


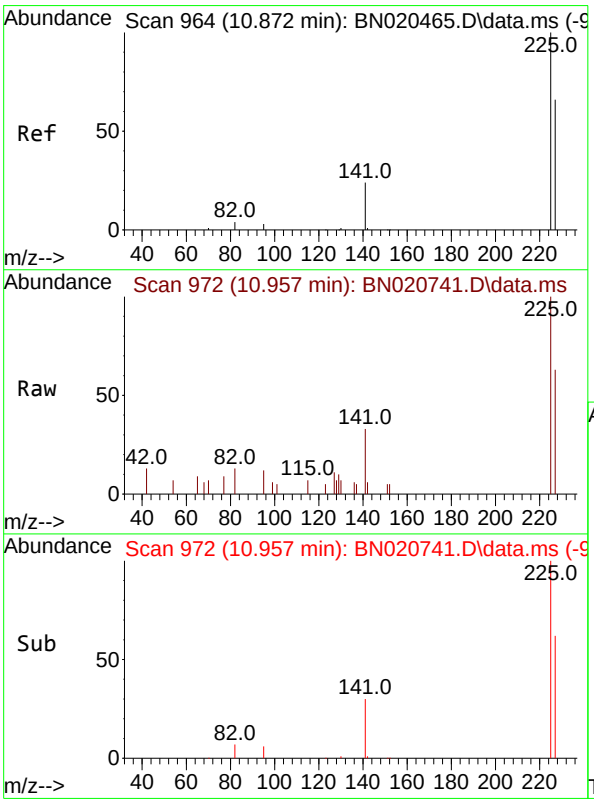
#9
Naphthalene
Concen: 0.364 ng
RT: 10.669 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN020741.D
Acq: 14 Jul 2022 17:54

Instrument :
BNA_N
ClientSampleId :
PB146225BS

Tgt Ion:128 Resp: 11126

Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.9	13.3
127	13.5	10.8	16.2

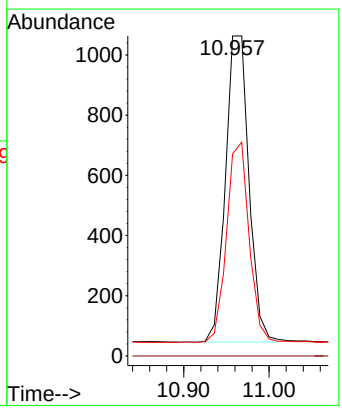


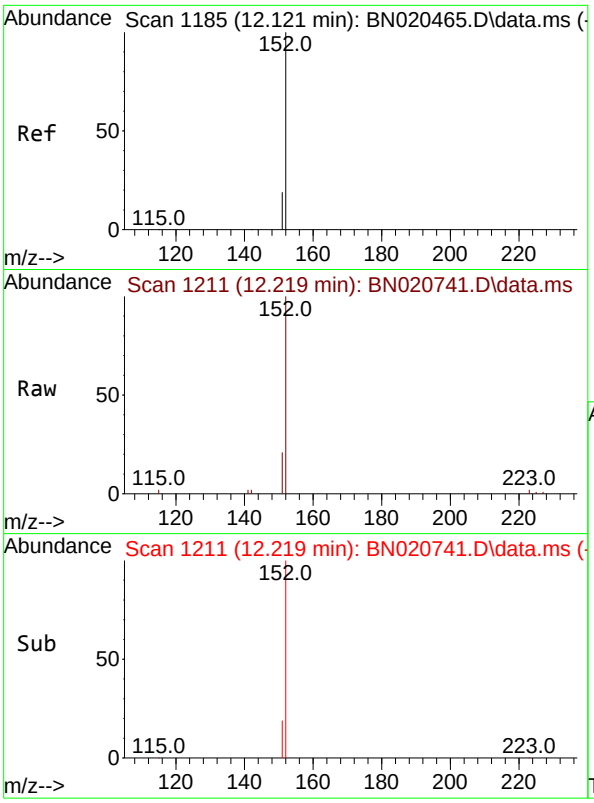


#10
Hexachlorobutadiene
Concen: 0.350 ng
RT: 10.957 min Scan# 972
Delta R.T. -0.011 min
Lab File: BN020741.D
Acq: 14 Jul 2022 17:54

Tgt Ion:225 Resp: 1947

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.6	50.9	76.3



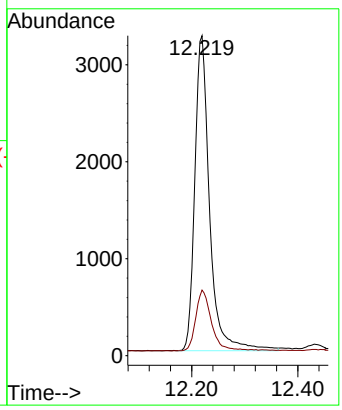


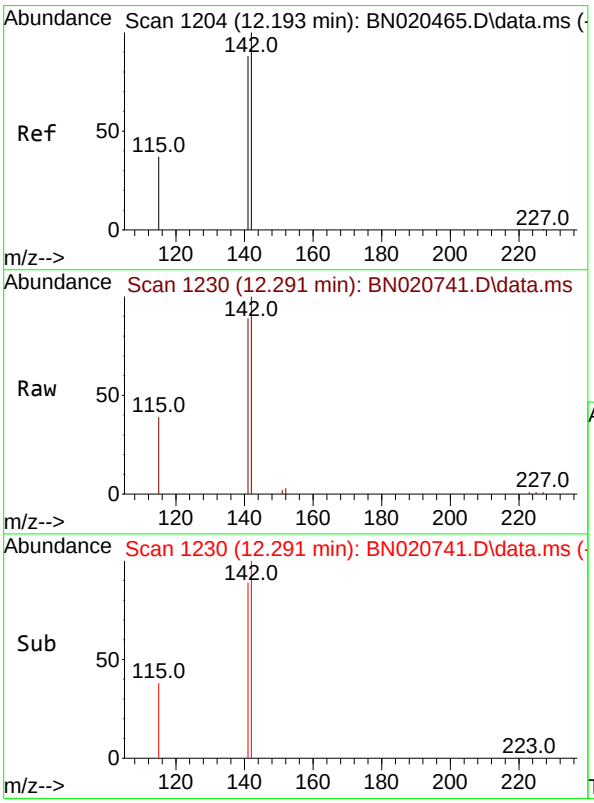
#11
2-Methylnaphthalene-d10
Concen: 0.358 ng
RT: 12.219 min Scan# 1
Delta R.T. -0.008 min
Lab File: BN020741.D
Acq: 14 Jul 2022 17:54

Instrument :
BNA_N
ClientSampleId :
PB146225BS

Tgt Ion:152 Resp: 6282

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.4

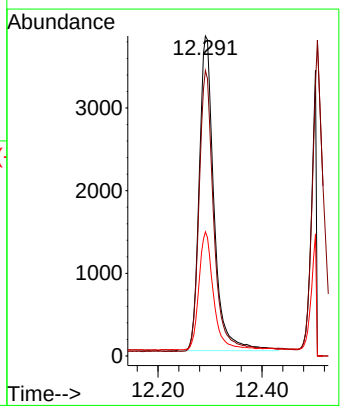


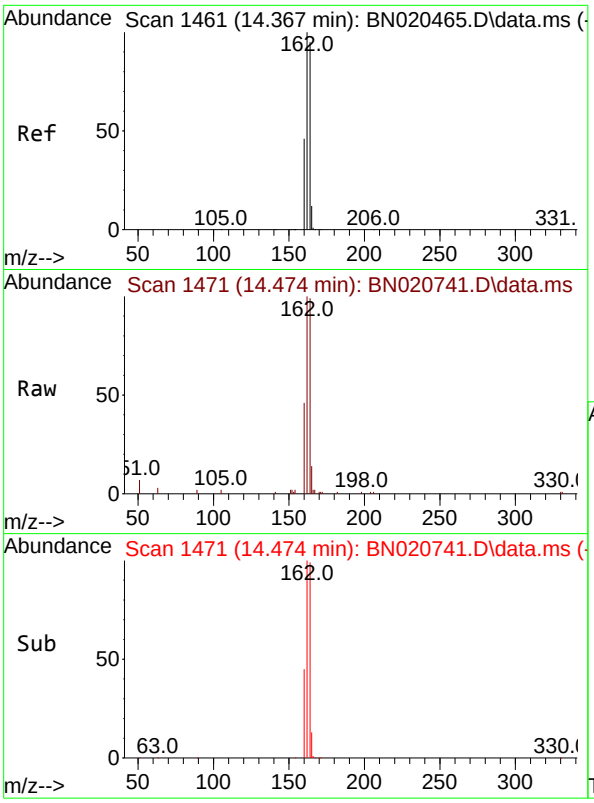


#12
2-Methylnaphthalene
Concen: 0.370 ng
RT: 12.291 min Scan# 1230
Delta R.T. -0.008 min
Lab File: BN020741.D
Acq: 14 Jul 2022 17:54

Tgt Ion:142 Resp: 7510

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.6	107.4
115	38.8	29.8	44.8



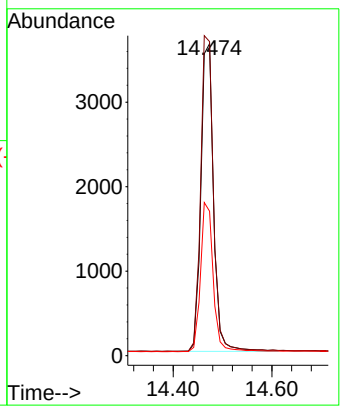


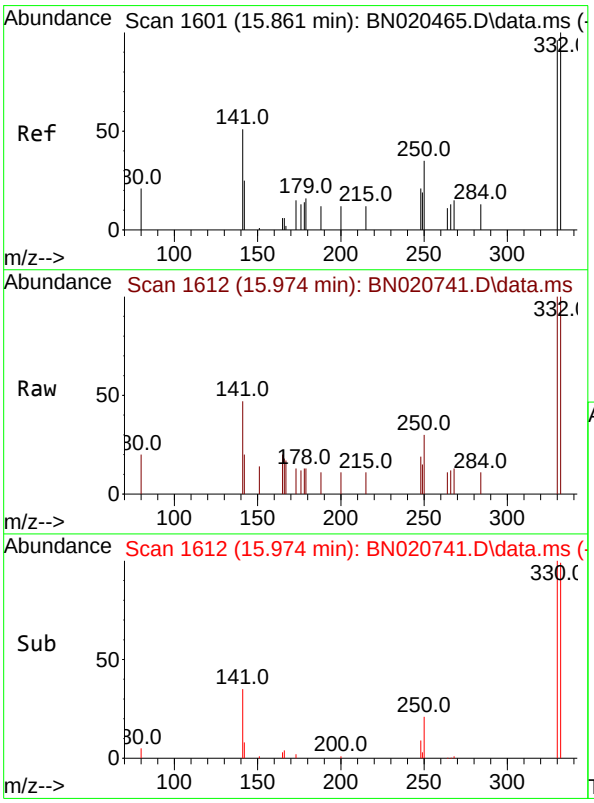
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN020741.D
Acq: 14 Jul 2022 17:54

Instrument :
BNA_N
ClientSampleId :
PB146225BS

Tgt Ion:164 Resp: 6476

Ion	Ratio	Lower	Upper
164	100		
162	100.6	82.1	123.1
160	46.3	38.6	58.0

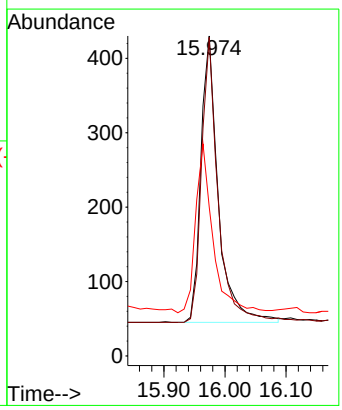


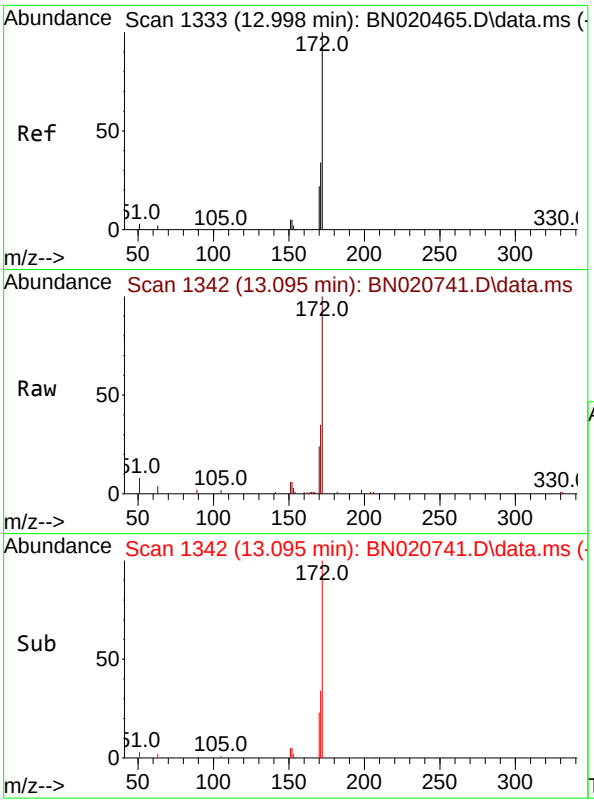


#14
2,4,6-Tribromophenol
Concen: 0.313 ng
RT: 15.974 min Scan# 1612
Delta R.T. 0.000 min
Lab File: BN020741.D
Acq: 14 Jul 2022 17:54

Tgt Ion:330 Resp: 764

Ion	Ratio	Lower	Upper
330	100		
332	93.8	77.6	116.4
141	58.4	41.0	61.4



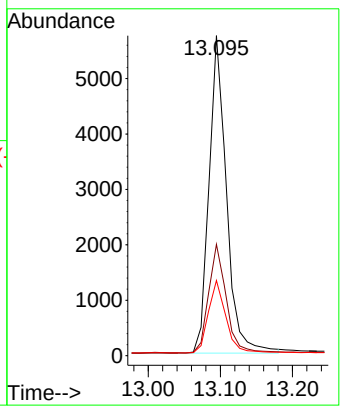


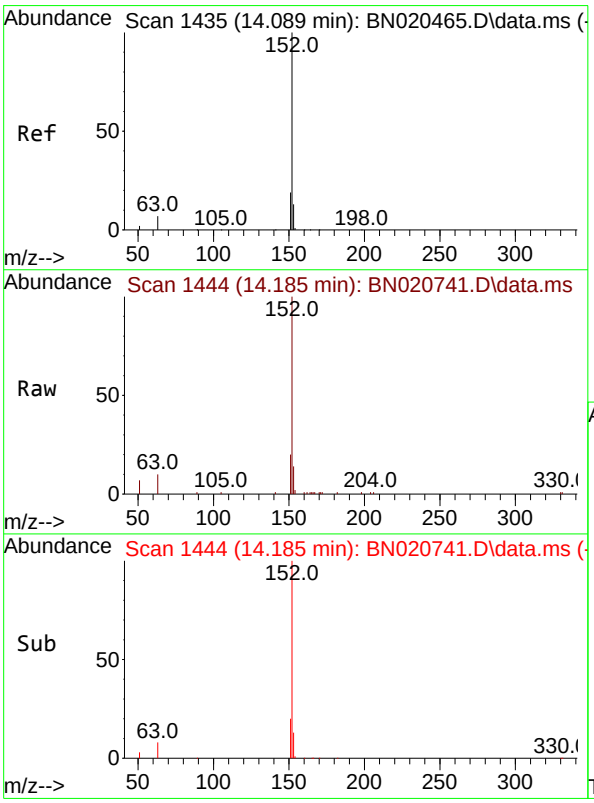
#15
2-Fluorobiphenyl
Concen: 0.361 ng
RT: 13.095 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN020741.D
Acq: 14 Jul 2022 17:54

Instrument :
BNA_N
ClientSampleId :
PB146225BS

Tgt Ion:172 Resp: 9657

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.2	40.8
170	23.5	18.2	27.4

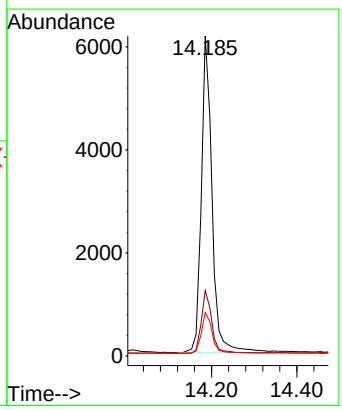


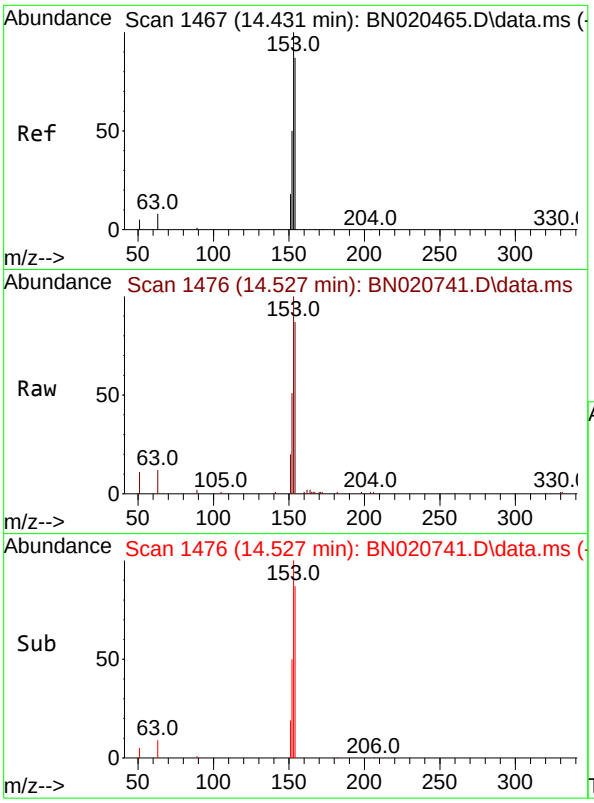


#16
Acenaphthylene
Concen: 0.345 ng
RT: 14.185 min Scan# 1444
Delta R.T. -0.011 min
Lab File: BN020741.D
Acq: 14 Jul 2022 17:54

Tgt Ion:152 Resp: 10741

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.2	24.4
153	13.0	10.7	16.1



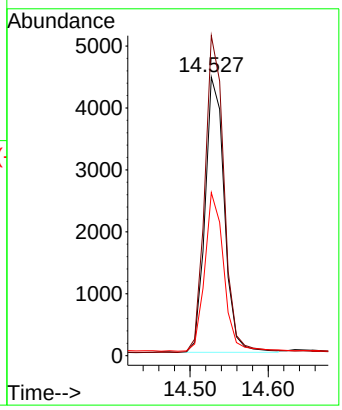


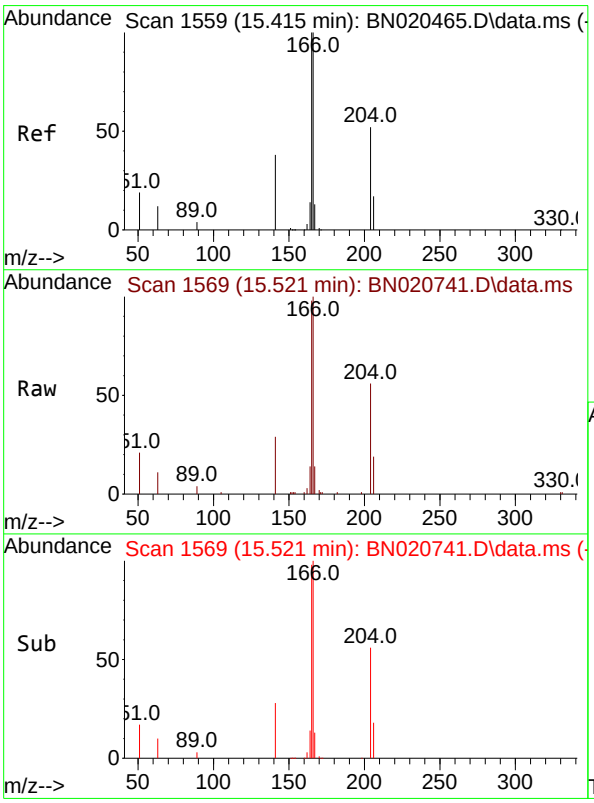
#17
Acenaphthene
Concen: 0.359 ng
RT: 14.527 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN020741.D
Acq: 14 Jul 2022 17:54

Instrument :
BNA_N
ClientSampleId :
PB146225BS

Tgt Ion:154 Resp: 7613

Ion	Ratio	Lower	Upper
154	100		
153	115.9	87.5	131.3
152	57.0	43.8	65.6

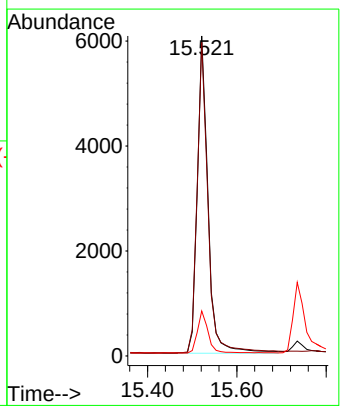


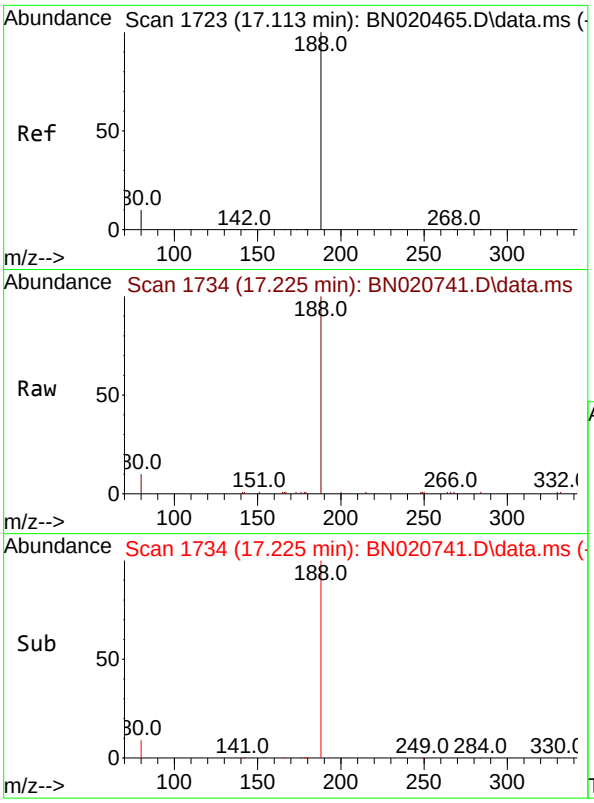


#18
Fluorene
Concen: 0.367 ng
RT: 15.521 min Scan# 1569
Delta R.T. -0.011 min
Lab File: BN020741.D
Acq: 14 Jul 2022 17:54

Tgt Ion:166 Resp: 10128

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.6	118.0
167	13.3	10.8	16.2



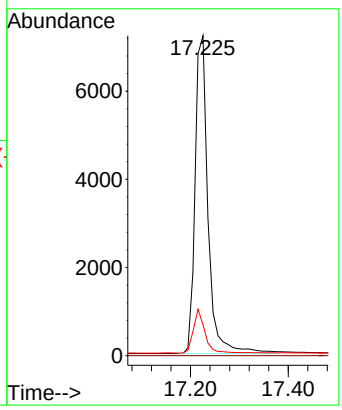


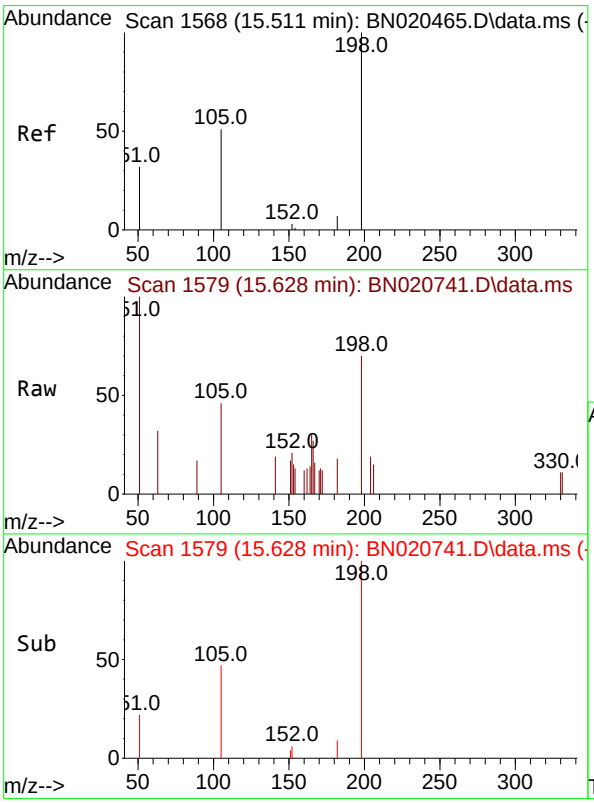
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.225 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN020741.D
Acq: 14 Jul 2022 17:54

Instrument :
BNA_N
ClientSampleId :
PB146225BS

Tgt Ion:188 Resp: 13333

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.6	7.4	11.2

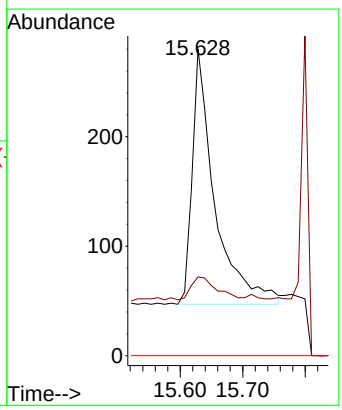


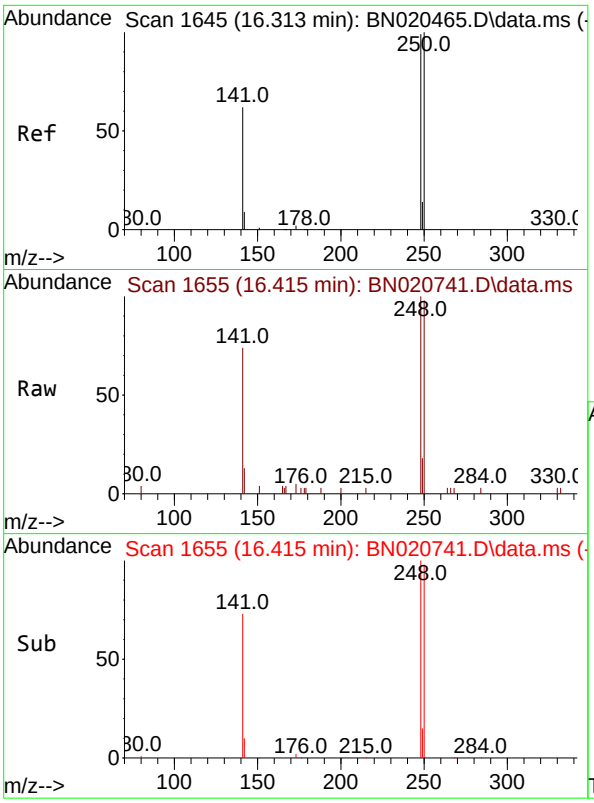


#20
4,6-Dinitro-2-methylphenol
Concen: 0.448 ng
RT: 15.628 min Scan# 1579
Delta R.T. -0.011 min
Lab File: BN020741.D
Acq: 14 Jul 2022 17:54

Tgt Ion:198 Resp: 582

Ion	Ratio	Lower	Upper
198	100		
182	25.7	12.1	18.1#
77	0.0	0.0	0.0



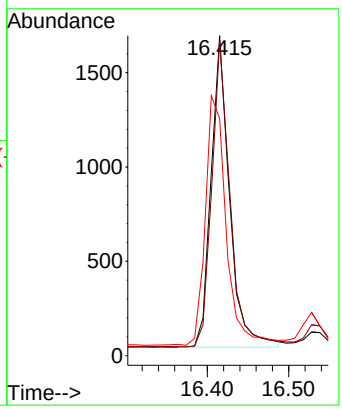


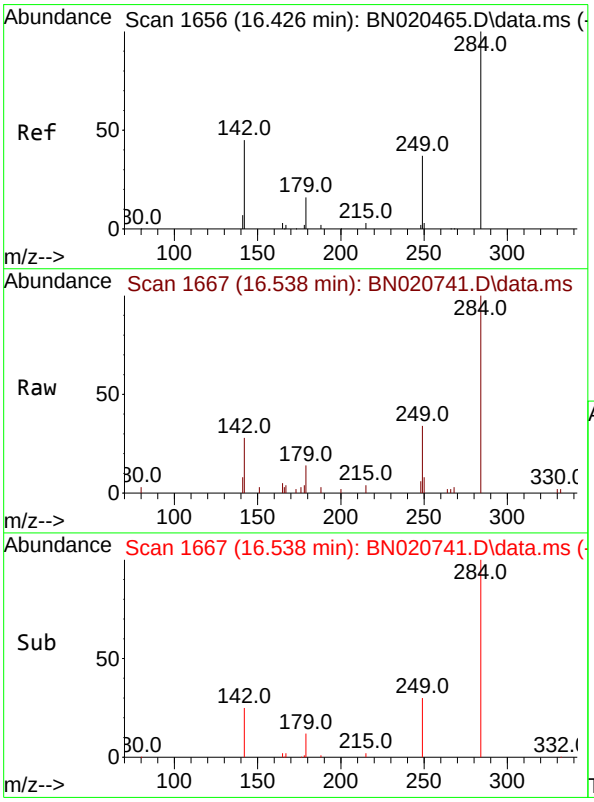
#21
4-Bromophenyl-phenylether
Concen: 0.337 ng
RT: 16.415 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN020741.D
Acq: 14 Jul 2022 17:54

Instrument :
BNA_N
ClientSampleId :
PB146225BS

Tgt Ion:248 Resp: 2611

Ion	Ratio	Lower	Upper
248	100		
250	98.2	75.3	112.9
141	74.1	67.3	100.9

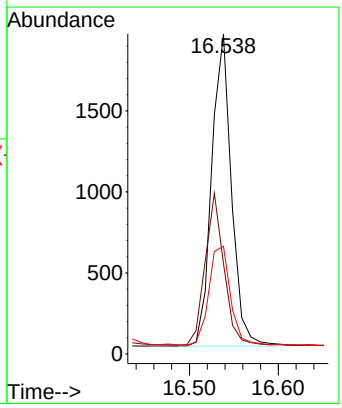


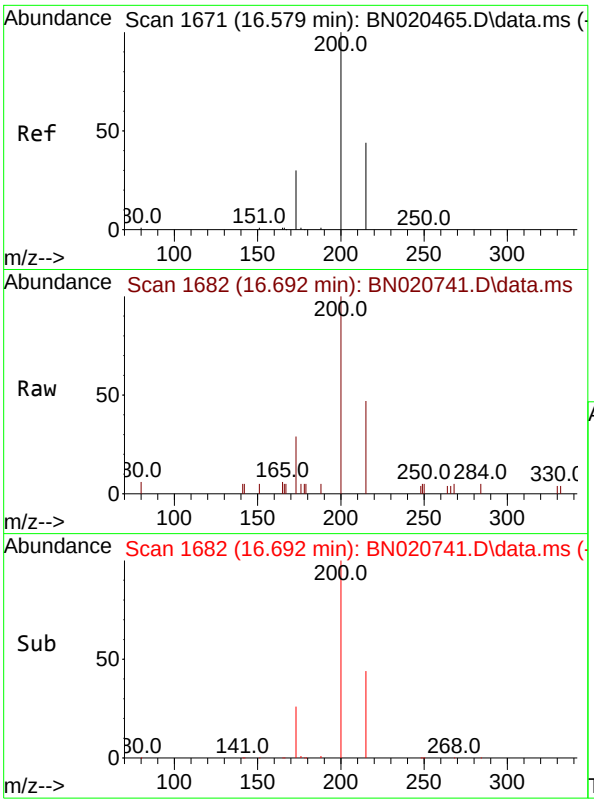


#22
Hexachlorobenzene
Concen: 0.346 ng
RT: 16.538 min Scan# 1667
Delta R.T. 0.000 min
Lab File: BN020741.D
Acq: 14 Jul 2022 17:54

Tgt Ion:284 Resp: 2974

Ion	Ratio	Lower	Upper
284	100		
142	45.9	35.2	52.8
249	34.7	26.6	40.0



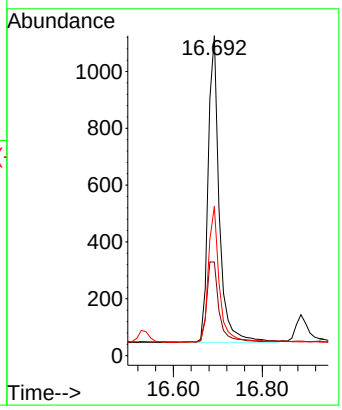


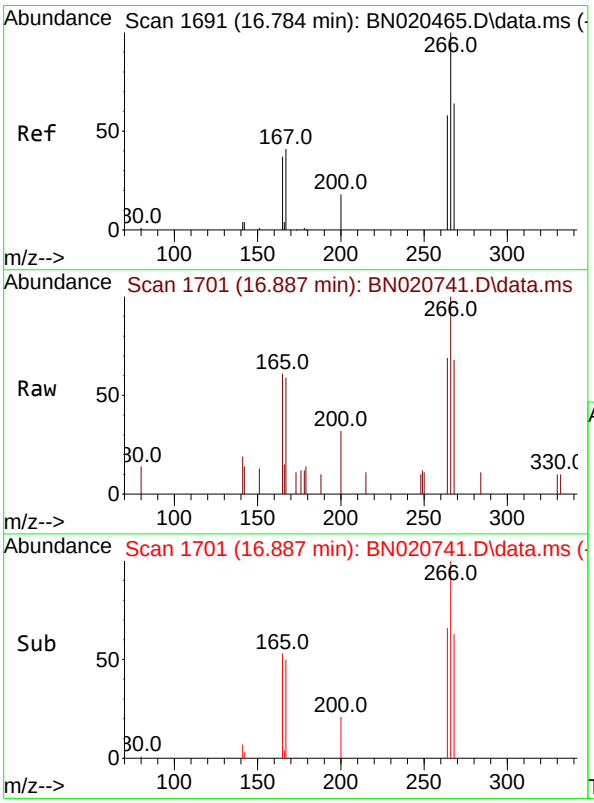
#23
Atrazine
Concen: 0.307 ng
RT: 16.692 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN020741.D
Acq: 14 Jul 2022 17:54

Instrument :
BNA_N
ClientSampleId :
PB146225BS

Tgt Ion:200 Resp: 1876

Ion	Ratio	Lower	Upper
200	100		
173	29.2	23.6	35.4
215	46.6	36.6	54.8

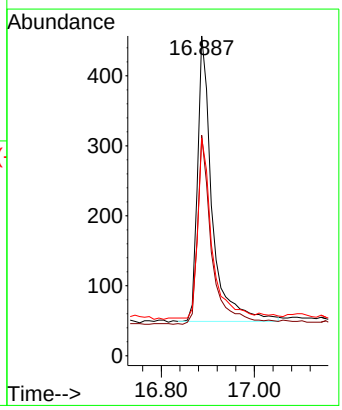


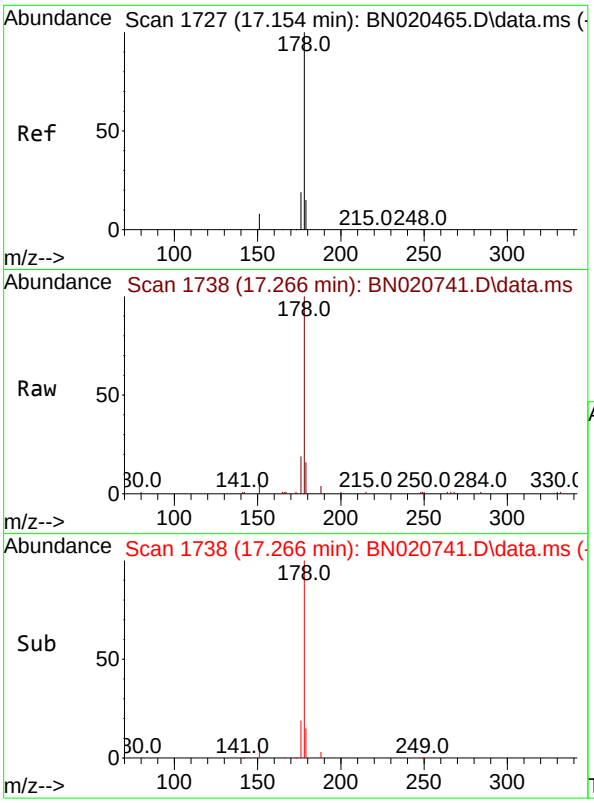


#24
Pentachlorophenol
Concen: 0.506 ng
RT: 16.887 min Scan# 1701
Delta R.T. -0.010 min
Lab File: BN020741.D
Acq: 14 Jul 2022 17:54

Tgt Ion:266 Resp: 886

Ion	Ratio	Lower	Upper
266	100		
264	64.7	51.3	76.9
268	60.5	52.6	79.0



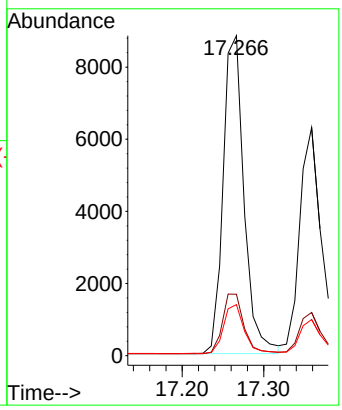


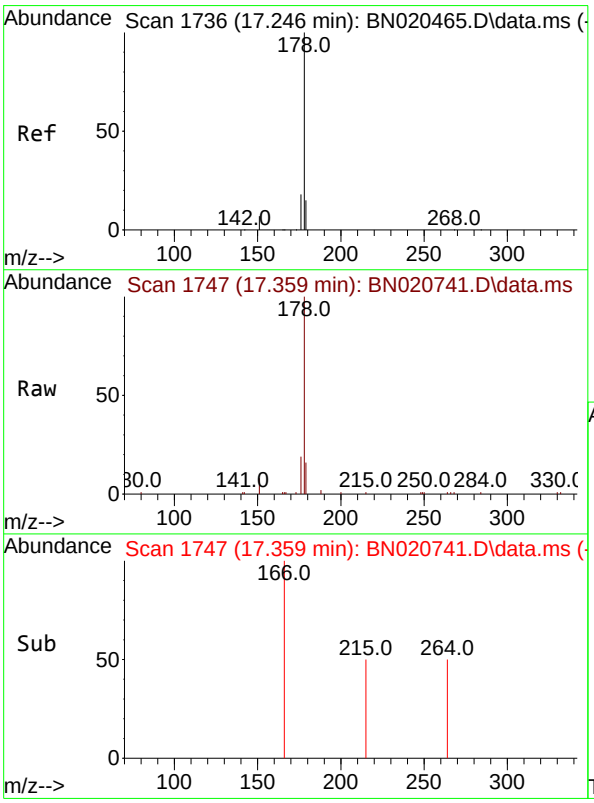
#25
Phenanthrene
Concen: 0.350 ng
RT: 17.266 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN020741.D
Acq: 14 Jul 2022 17:54

Instrument :
BNA_N
ClientSampleId :
PB146225BS

Tgt Ion:178 Resp: 15750

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.3	12.2	18.4

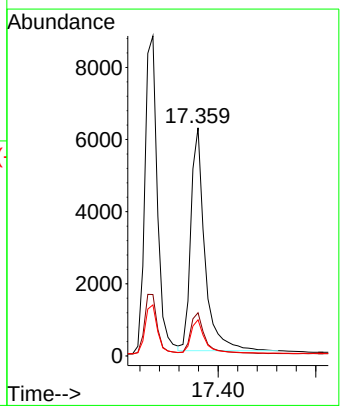


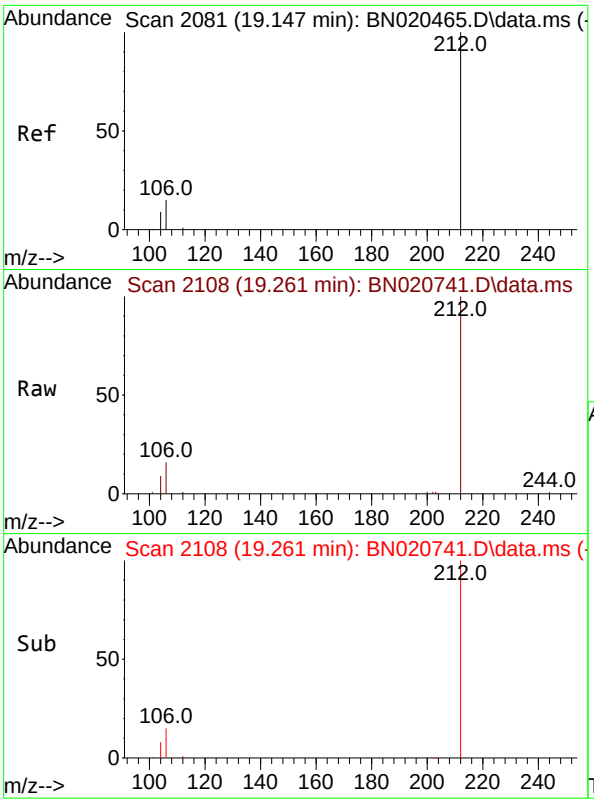


#26
Anthracene
Concen: 0.316 ng
RT: 17.359 min Scan# 1747
Delta R.T. 0.000 min
Lab File: BN020741.D
Acq: 14 Jul 2022 17:54

Tgt Ion:178 Resp: 12232

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	14.8	12.2	18.4



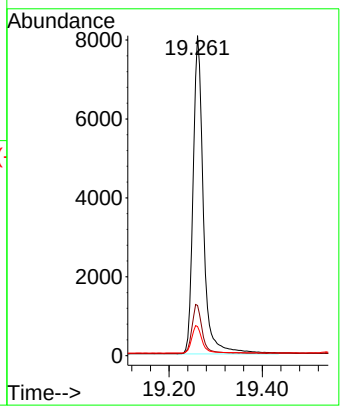


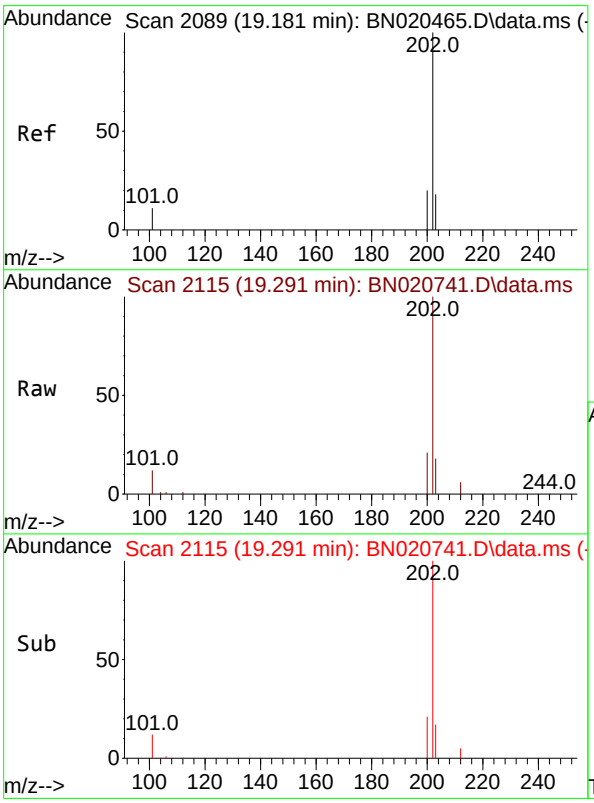
#27
Fluoranthene-d10
Concen: 0.312 ng
RT: 19.261 min Scan# 21
Delta R.T. -0.008 min
Lab File: BN020741.D
Acq: 14 Jul 2022 17:54

Instrument :
BNA_N
ClientSampleId :
PB146225BS

Tgt Ion:212 Resp: 12364

Ion	Ratio	Lower	Upper
212	100		
106	15.3	12.6	19.0
104	8.6	7.2	10.8

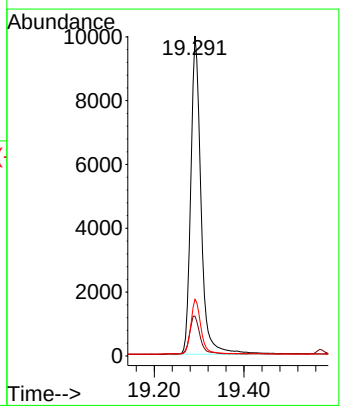


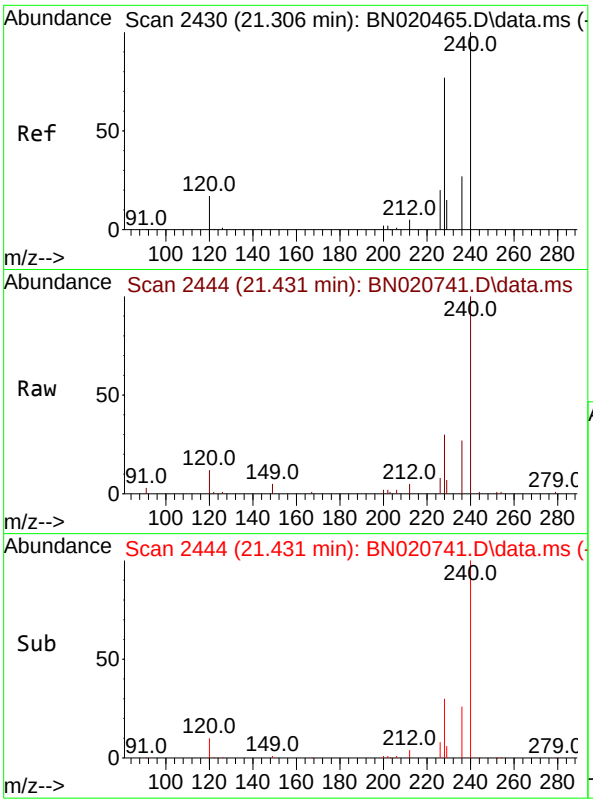


#28
Fluoranthene
Concen: 0.322 ng
RT: 19.291 min Scan# 2115
Delta R.T. -0.008 min
Lab File: BN020741.D
Acq: 14 Jul 2022 17:54

Tgt Ion:202 Resp: 15814

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.6	14.4
203	16.7	13.5	20.3



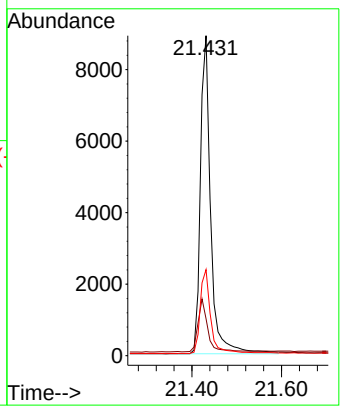


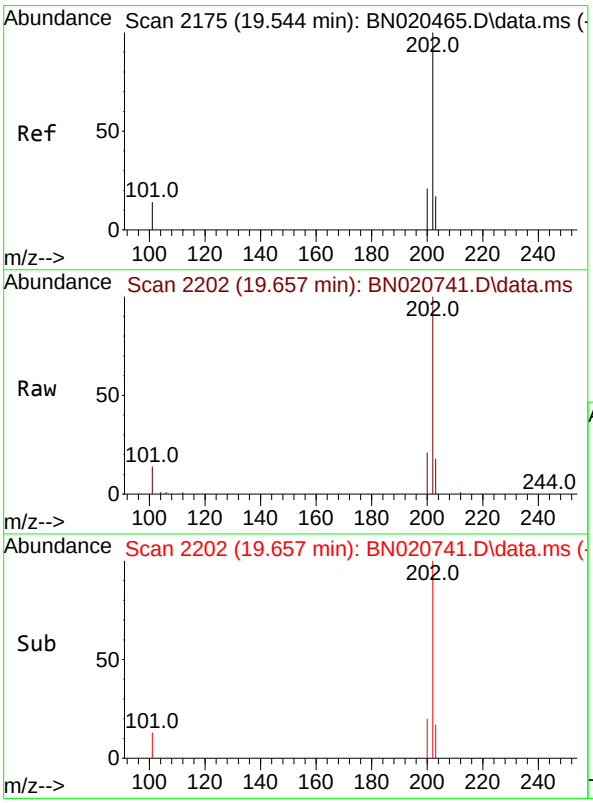
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.431 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN020741.D
Acq: 14 Jul 2022 17:54

Instrument :
BNA_N
ClientSampleId :
PB146225BS

Tgt Ion:240 Resp: 14202

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

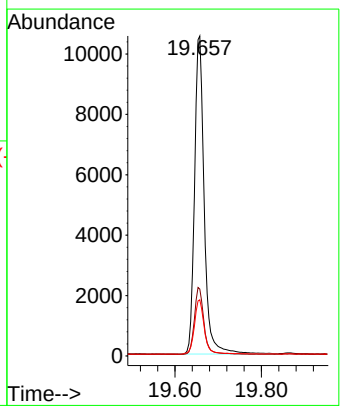


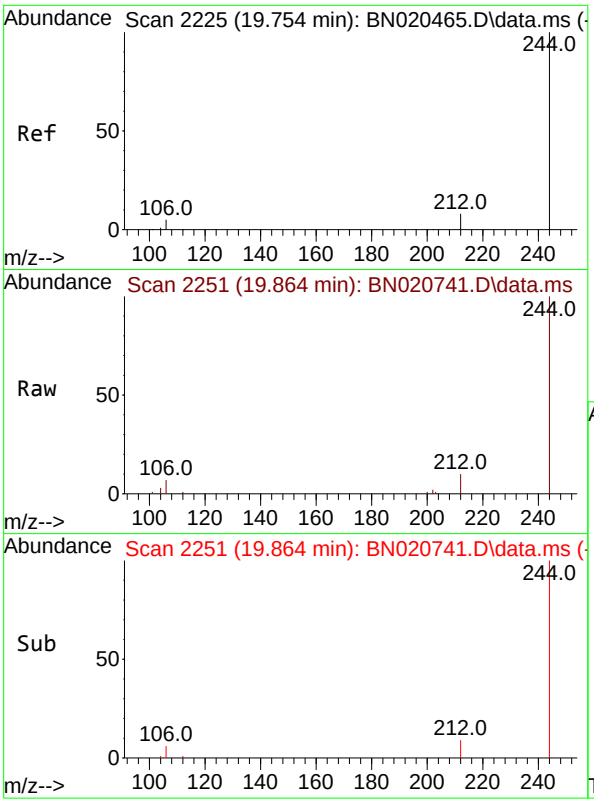


#30
Pyrene
Concen: 0.273 ng
RT: 19.657 min Scan# 2202
Delta R.T. -0.004 min
Lab File: BN020741.D
Acq: 14 Jul 2022 17:54

Tgt Ion:202 Resp: 16386

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	17.4	14.2	21.2



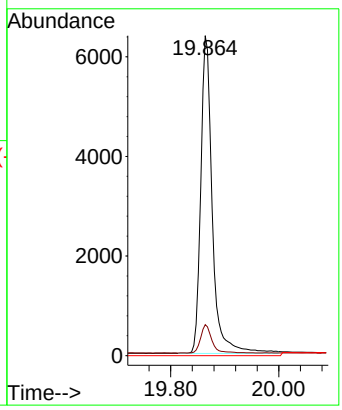


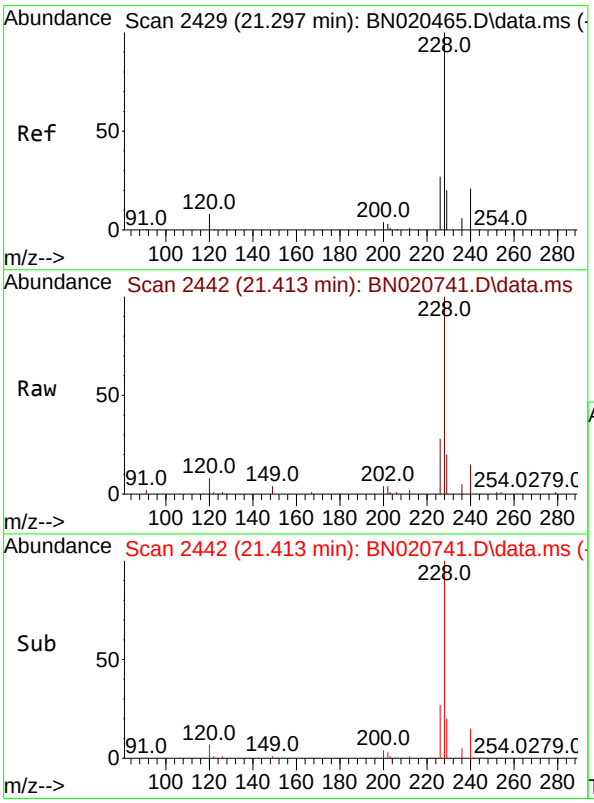
#31
Terphenyl-d14
Concen: 0.278 ng
RT: 19.864 min Scan# 2
Delta R.T. -0.008 min
Lab File: BN020741.D
Acq: 14 Jul 2022 17:54

Instrument :
BNA_N
ClientSampleId :
PB146225BS

Tgt Ion:244 Resp: 9435

Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.1	10.7
122	0.0	0.0	0.0

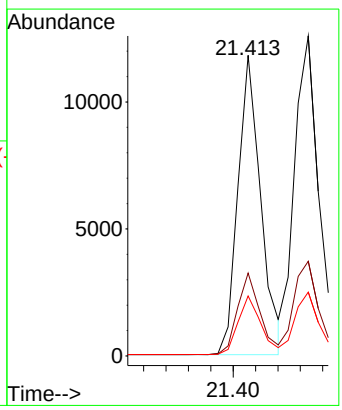


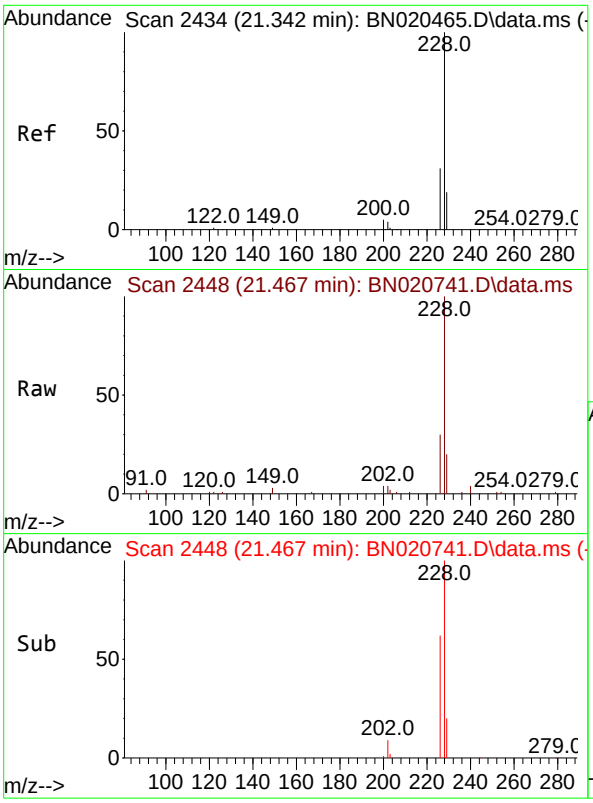


#32
Benzo(a)anthracene
Concen: 0.330 ng
RT: 21.413 min Scan# 2442
Delta R.T. -0.009 min
Lab File: BN020741.D
Acq: 14 Jul 2022 17:54

Tgt Ion:228 Resp: 16735

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.2	31.8
229	19.9	15.6	23.4



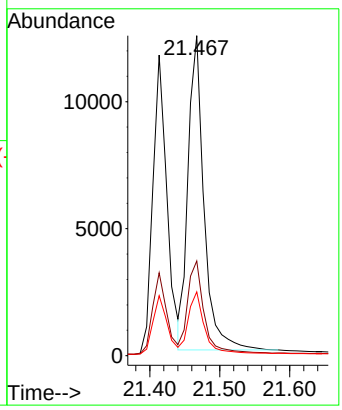


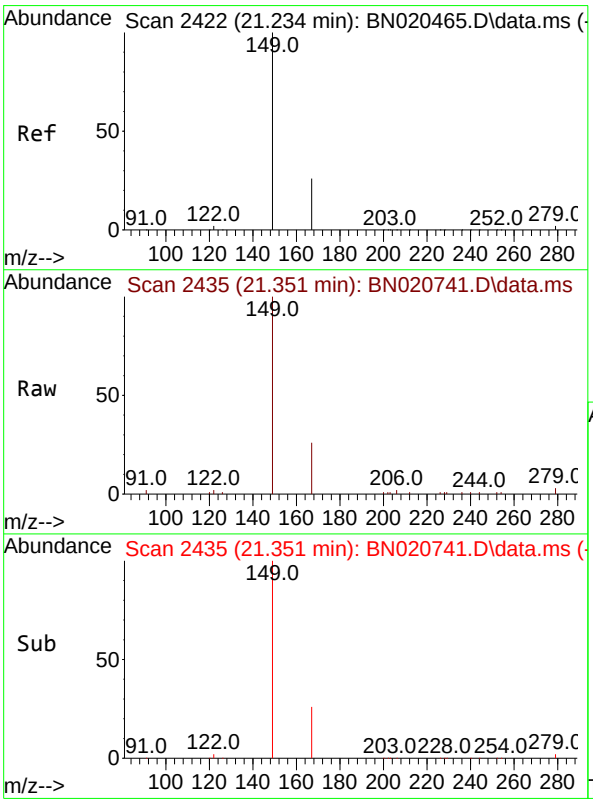
#33
Chrysene
Concen: 0.347 ng
RT: 21.467 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN020741.D
Acq: 14 Jul 2022 17:54

Instrument :
BNA_N
ClientSampleId :
PB146225BS

Tgt Ion:228 Resp: 19479

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.4	35.0
229	20.0	15.7	23.5

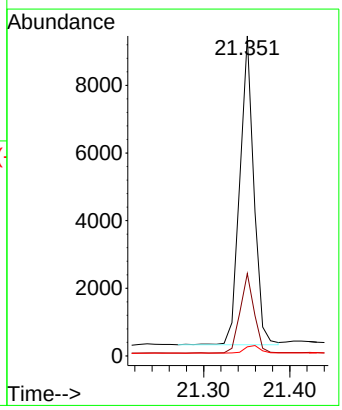


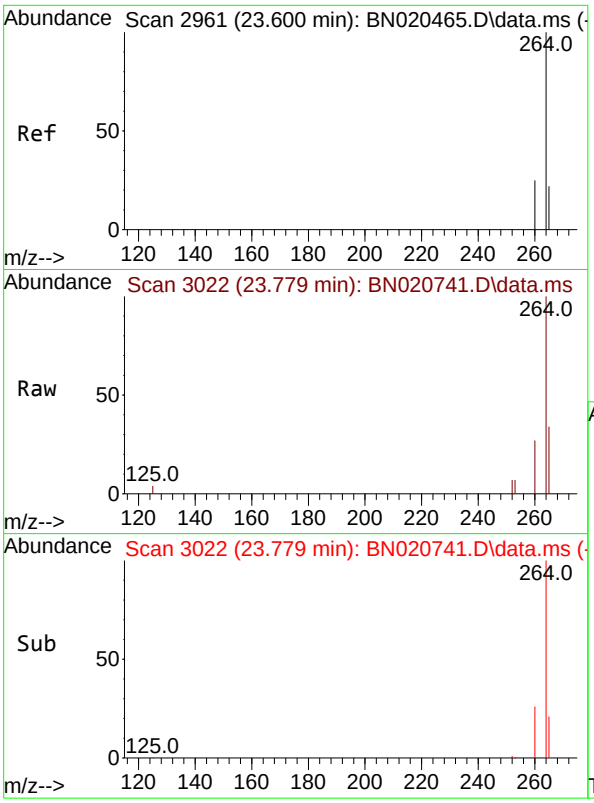


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.364 ng
RT: 21.351 min Scan# 2435
Delta R.T. 0.000 min
Lab File: BN020741.D
Acq: 14 Jul 2022 17:54

Tgt Ion:149 Resp: 10394

Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.7	32.5
279	3.1	2.2	3.2



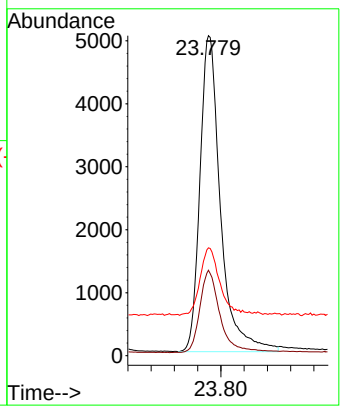


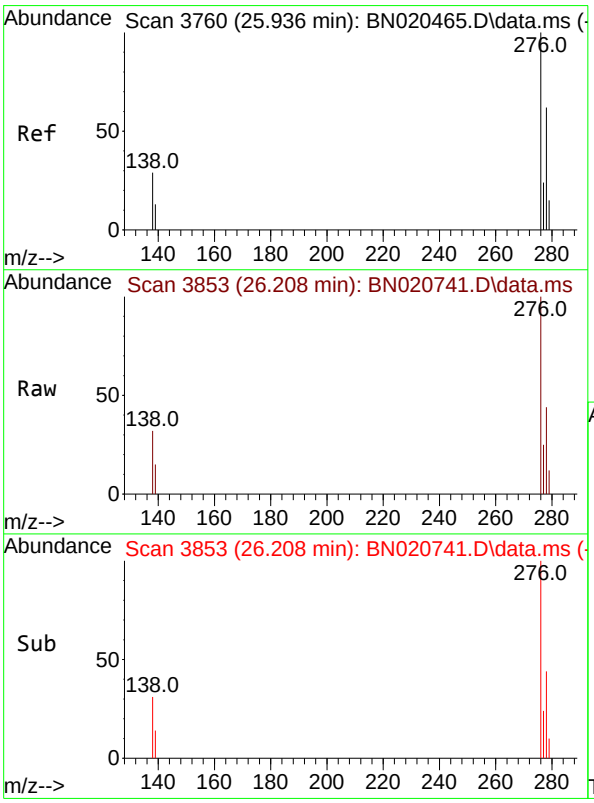
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.779 min Scan# 3
Delta R.T. -0.012 min
Lab File: BN020741.D
Acq: 14 Jul 2022 17:54

Instrument :
BNA_N
ClientSampleId :
PB146225BS

Tgt Ion:264 Resp: 12318

Ion	Ratio	Lower	Upper
264	100		
260	26.7	20.9	31.3
265	33.7	28.0	42.0

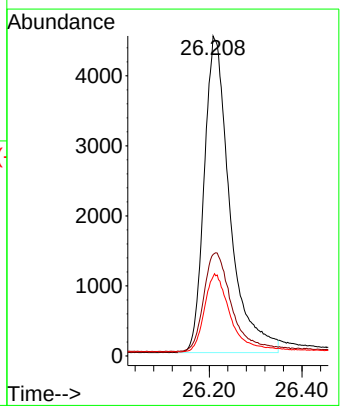


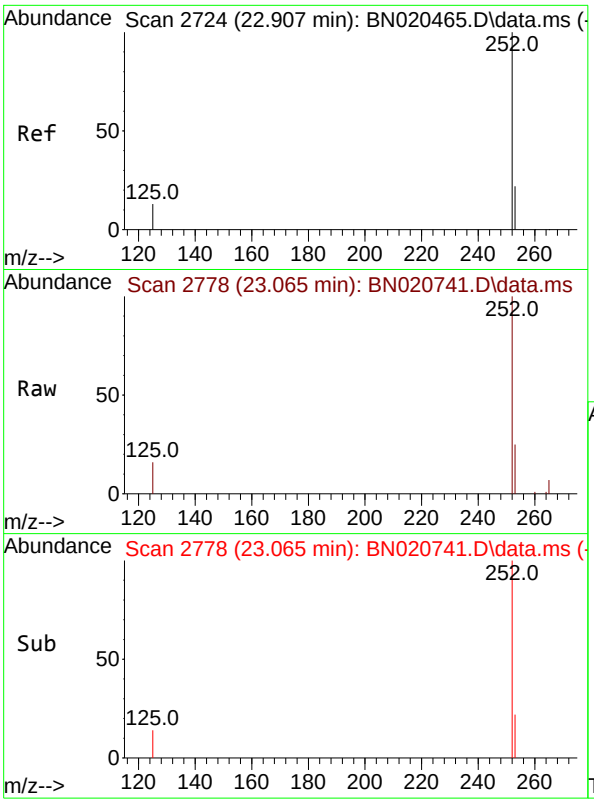


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.316 ng
RT: 26.208 min Scan# 3853
Delta R.T. -0.015 min
Lab File: BN020741.D
Acq: 14 Jul 2022 17:54

Tgt Ion:276 Resp: 17345

Ion	Ratio	Lower	Upper
276	100		
138	34.1	25.9	38.9
277	25.1	19.8	29.8



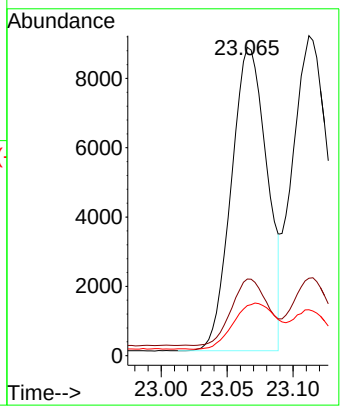


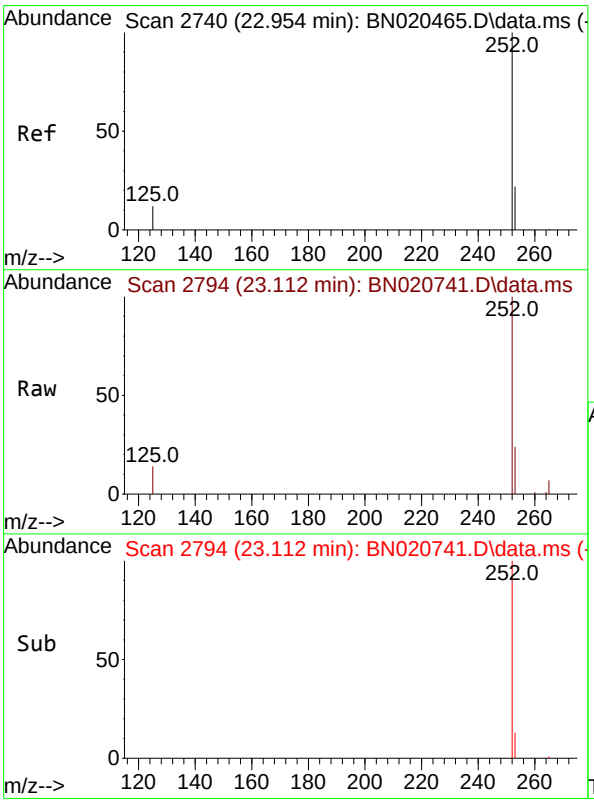
#37
Benzo(b)fluoranthene
Concen: 0.349 ng
RT: 23.065 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN020741.D
Acq: 14 Jul 2022 17:54

Instrument :
BNA_N
ClientSampleId :
PB146225BS

Tgt Ion:252 Resp: 16553

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.5	27.7
125	16.2	11.4	17.0

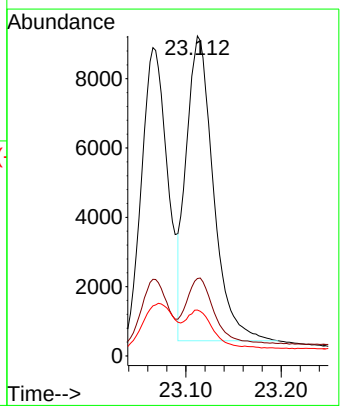


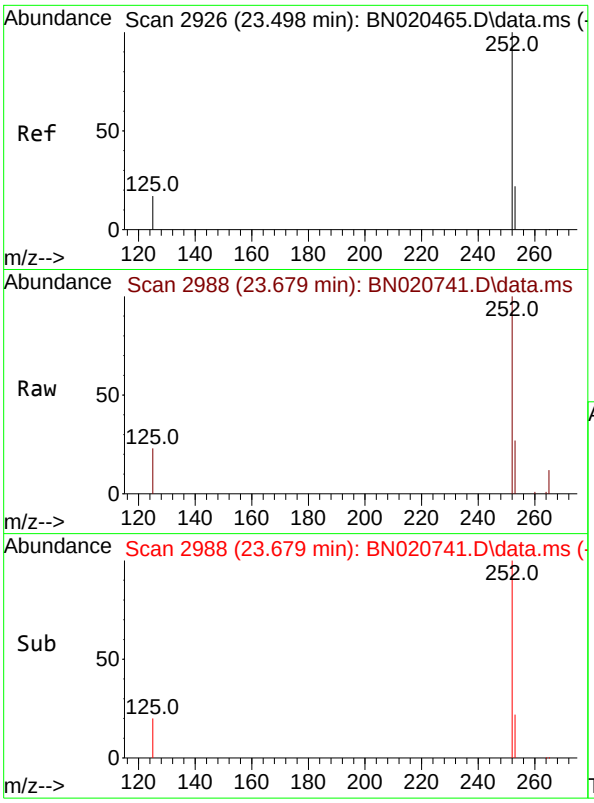


#38
Benzo(k)fluoranthene
Concen: 0.344 ng
RT: 23.112 min Scan# 2794
Delta R.T. -0.009 min
Lab File: BN020741.D
Acq: 14 Jul 2022 17:54

Tgt Ion:252 Resp: 17396

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.0	27.0
125	14.3	11.0	16.4



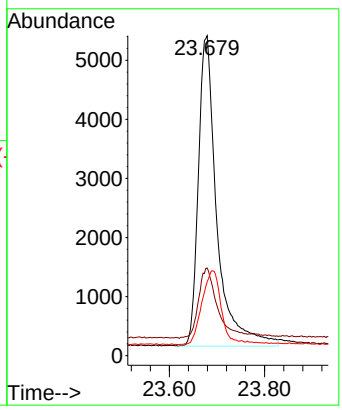


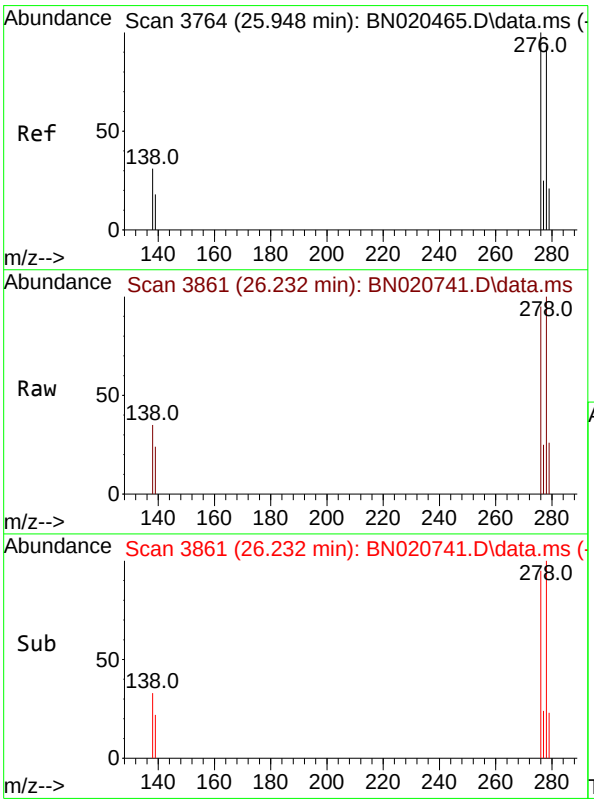
#39
Benzo(a)pyrene
Concen: 0.345 ng
RT: 23.679 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN020741.D
Acq: 14 Jul 2022 17:54

Instrument :
BNA_N
ClientSampleId :
PB146225BS

Tgt Ion:252 Resp: 14186

Ion	Ratio	Lower	Upper
252	100		
253	27.4	19.0	28.4
125	23.1	13.8	20.8#

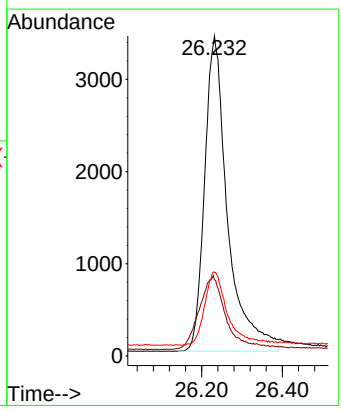


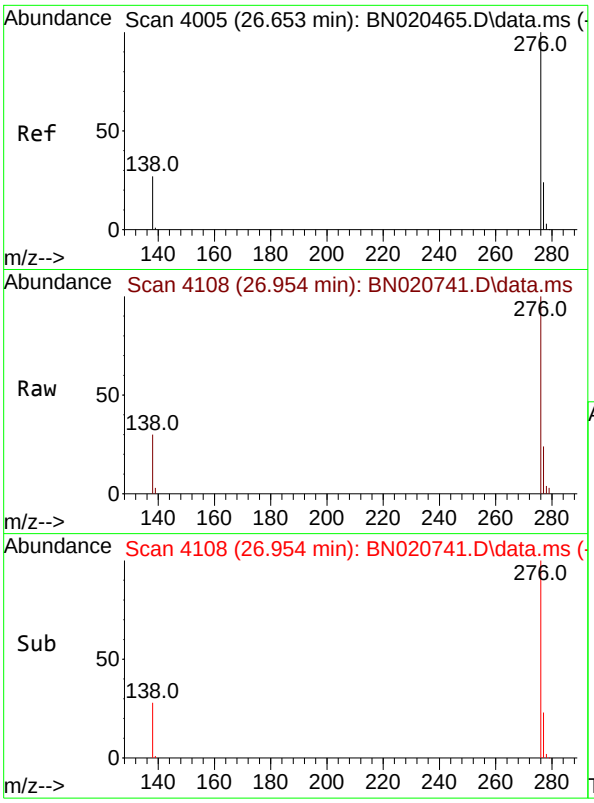


#40
Dibenzo(a,h)anthracene
Concen: 0.308 ng
RT: 26.232 min Scan# 3861
Delta R.T. -0.015 min
Lab File: BN020741.D
Acq: 14 Jul 2022 17:54

Tgt Ion:278 Resp: 13549

Ion	Ratio	Lower	Upper
278	100		
139	23.8	18.6	28.0
279	26.2	19.7	29.5





#41
Benzo(g,h,i)perylene
Concen: 0.309 ng
RT: 26.954 min Scan# 4
Delta R.T. -0.015 min
Lab File: BN020741.D
Acq: 14 Jul 2022 17:54

Instrument :
BNA_N
ClientSampleId :
PB146225BS

Tgt Ion:276 Resp: 14861

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.5	29.3
138	29.9	22.6	34.0