Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070822\
Data File : BN020692.D
Acq On : 08 Jul 2022 15:16
Operator : CG/JU
Sample : PB146111BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB146111BS

Quant Time: Jul 09 00:09:33 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	5492	0.400	ng		0.00
7) Naphthalene-d8	10.615	136	16449	0.400	ng		#-0.01
13) Acenaphthene-d10	14.474	164	9066	0.400	ng		0.00
19) Phenanthrene-d10	17.225	188	17190	0.400	ng		0.00
29) Chrysene-d12	21.431	240	10694	0.400	ng		0.00
35) Perylene-d12	23.790	264	8761	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.406	112	4231	0.278	ng		0.00
5) Phenol-d6	7.016	99	5237	0.288	ng		-0.01
8) Nitrobenzene-d5	8.982	82	4173	0.313	ng		-0.01
11) 2-Methylnaphthalene-d10	12.219	152	9443	0.335	ng		0.00
14) 2,4,6-Tribromophenol	15.974	330	807	0.236	ng		0.00
15) 2-Fluorobiphenyl	13.095	172	13536	0.362	ng		-0.01
27) Fluoranthene-d10	19.265	212	15012	0.294	ng		0.00
31) Terphenyl-d14	19.868	244	10333	0.404	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.261	88	2435	0.338	ng		98
3) n-Nitrosodimethylamine	3.600	42	1975	0.301	ng	#	97
6) bis(2-Chloroethyl)ether	7.248	93	5131	0.327	ng		95
9) Naphthalene	10.669	128	17288	0.352	ng		99
10) Hexachlorobutadiene	10.968	225	3146	0.352	ng	#	99
12) 2-Methylnaphthalene	12.295	142	11087	0.340	ng		98
16) Acenaphthylene	14.185	152	14116	0.324	ng		99
17) Acenaphthene	14.527	154	10288	0.347	ng		96
18) Fluorene	15.521	166	12682	0.328	ng		100
20) 4,6-Dinitro-2-methylph...	15.639	198	444	0.357	ng	#	65
21) 4-Bromophenyl-phenylether	16.415	248	3671	0.367	ng		97
22) Hexachlorobenzene	16.538	284	4198	0.379	ng		96
23) Atrazine	16.692	200	2139	0.271	ng		99
24) Pentachlorophenol	16.897	266	658	0.369	ng		97
25) Phenanthrene	17.266	178	19601	0.338	ng		100
26) Anthracene	17.359	178	14863	0.297	ng		99
28) Fluoranthene	19.295	202	19173	0.303	ng		99
30) Pyrene	19.657	202	18941	0.418	ng		100
32) Benzo(a)anthracene	21.422	228	11786	0.308	ng		99
33) Chrysene	21.467	228	14971	0.354	ng		98
34) Bis(2-ethylhexyl)phtha...	21.351	149	7068	0.328	ng		98
36) Indeno(1,2,3-cd)pyrene	26.223	276	13516	0.346	ng		99
37) Benzo(b)fluoranthene	23.074	252	11856	0.351	ng		97
38) Benzo(k)fluoranthene	23.121	252	12948	0.360	ng		97
39) Benzo(a)pyrene	23.685	252	10035	0.343	ng	#	91
40) Dibenzo(a,h)anthracene	26.243	278	10452	0.334	ng		97
41) Benzo(g,h,i)perylene	26.962	276	11897	0.348	ng		98

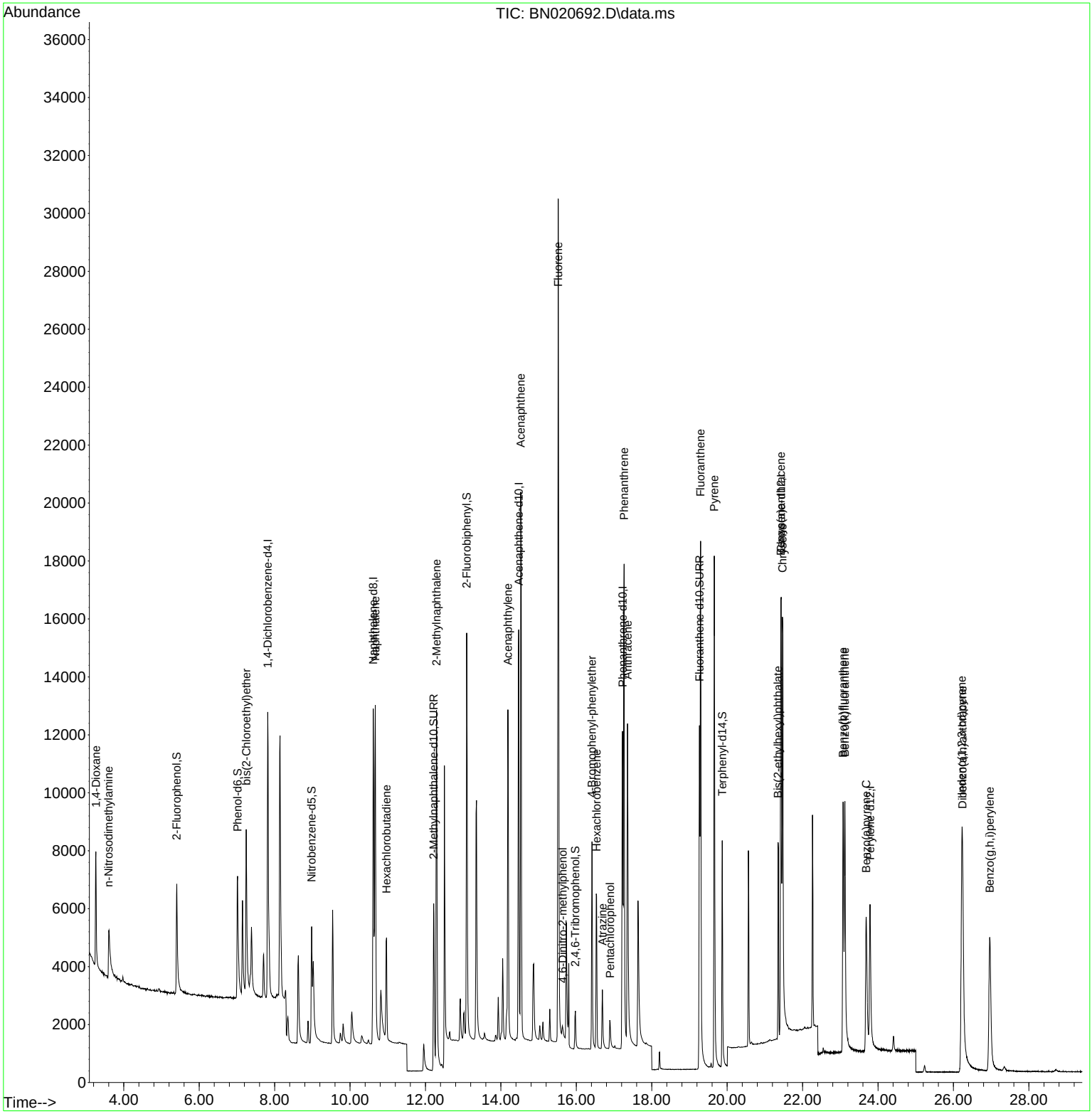
(#) = qualifier out of range (m) = manual integration (+) = signals summed

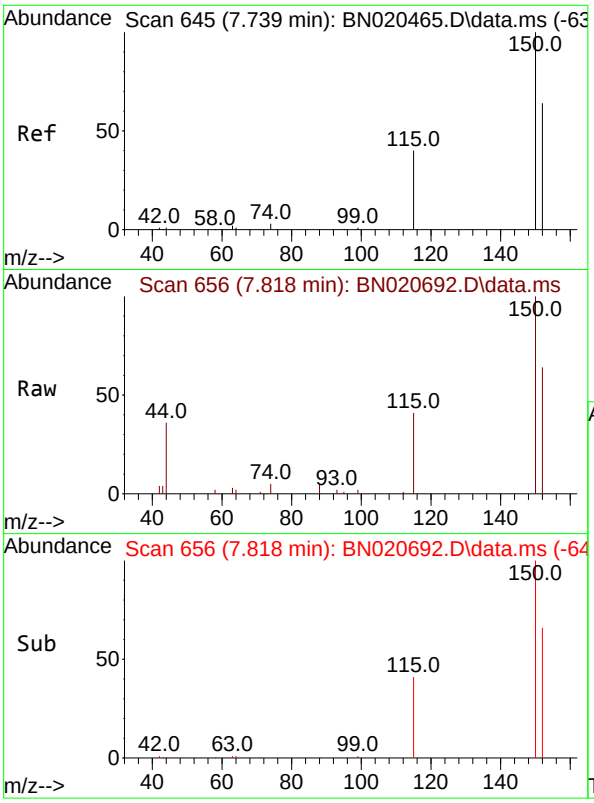
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070822\
Data File : BN020692.D
Acq On : 08 Jul 2022 15:16
Operator : CG/JU
Sample : PB146111BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB146111BS

Quant Time: Jul 09 00:09:33 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



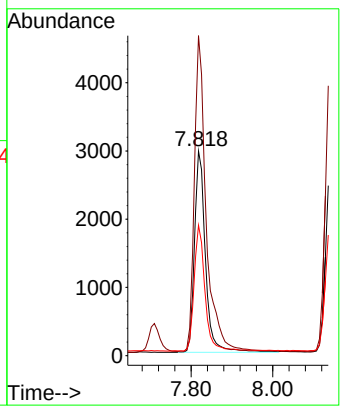


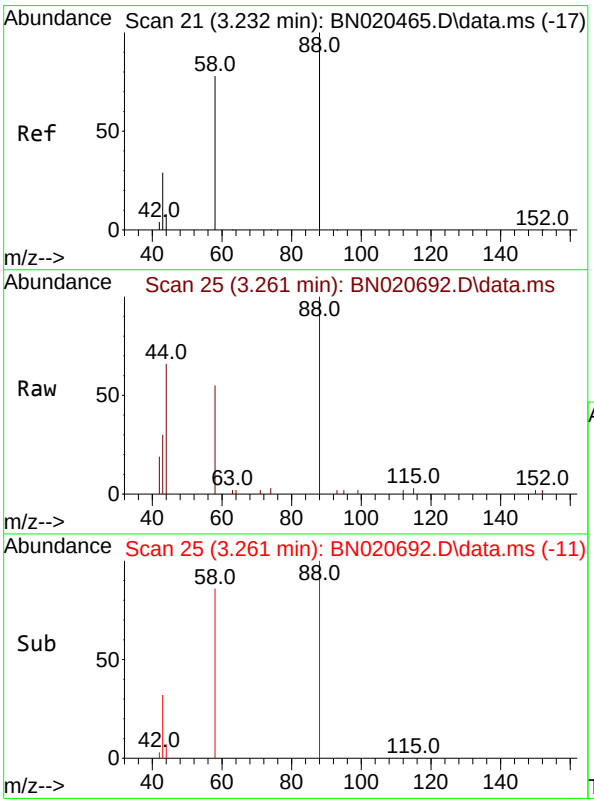
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.818 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN020692.D
Acq: 08 Jul 2022 15:16

Instrument :
BNA_N
ClientSampleId :
PB146111BS

Tgt Ion:152 Resp: 5492

Ion	Ratio	Lower	Upper
152	100		
150	156.4	127.9	191.9
115	63.8	51.4	77.2

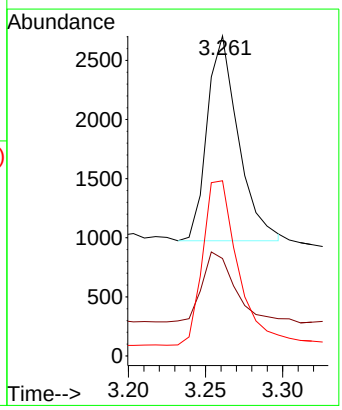


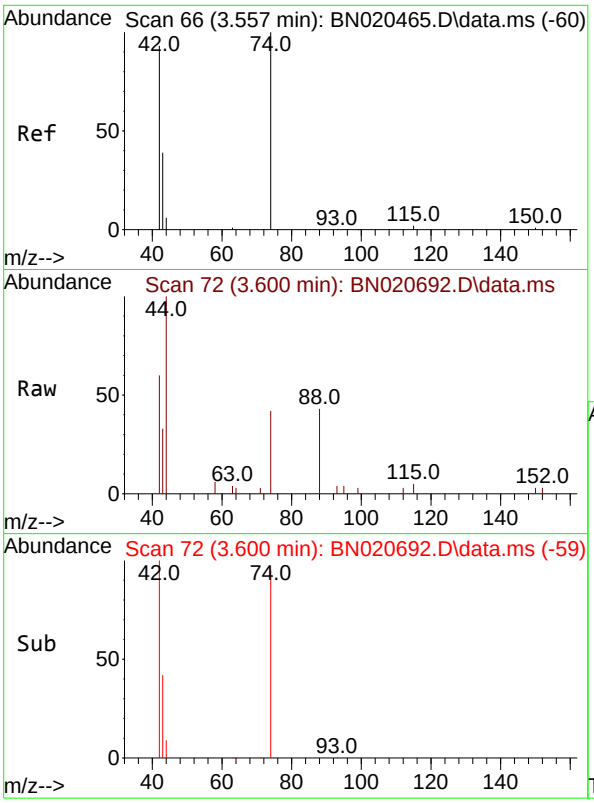


#2
1,4-Dioxane
Concen: 0.338 ng
RT: 3.261 min Scan# 25
Delta R.T. 0.000 min
Lab File: BN020692.D
Acq: 08 Jul 2022 15:16

Tgt Ion: 88 Resp: 2435

Ion	Ratio	Lower	Upper
88	100		
43	35.7	30.2	45.2
58	90.6	73.0	109.6



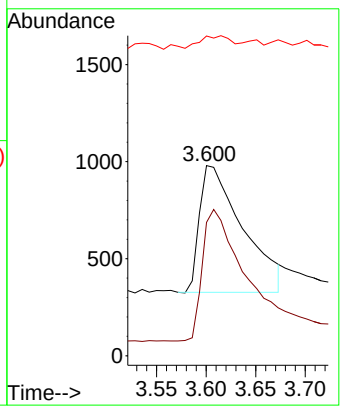


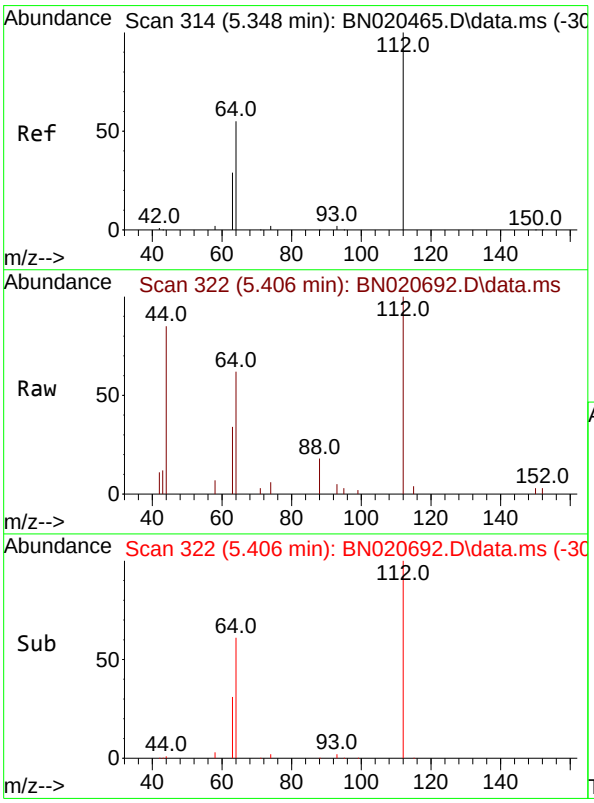
#3
n-Nitrosodimethylamine
Concen: 0.301 ng
RT: 3.600 min Scan# 7
Delta R.T. -0.007 min
Lab File: BN020692.D
Acq: 08 Jul 2022 15:16

Instrument :
BNA_N
ClientSampleId :
PB146111BS

Tgt Ion: 42 Resp: 1975

Ion	Ratio	Lower	Upper
42	100		
74	102.4	84.0	126.0
44	8.5	9.8	14.8#

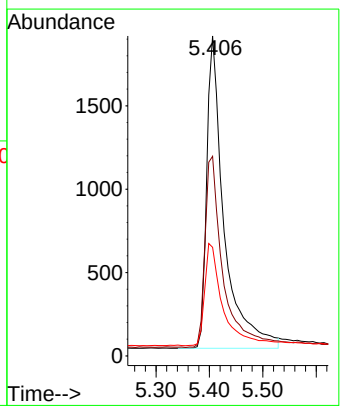


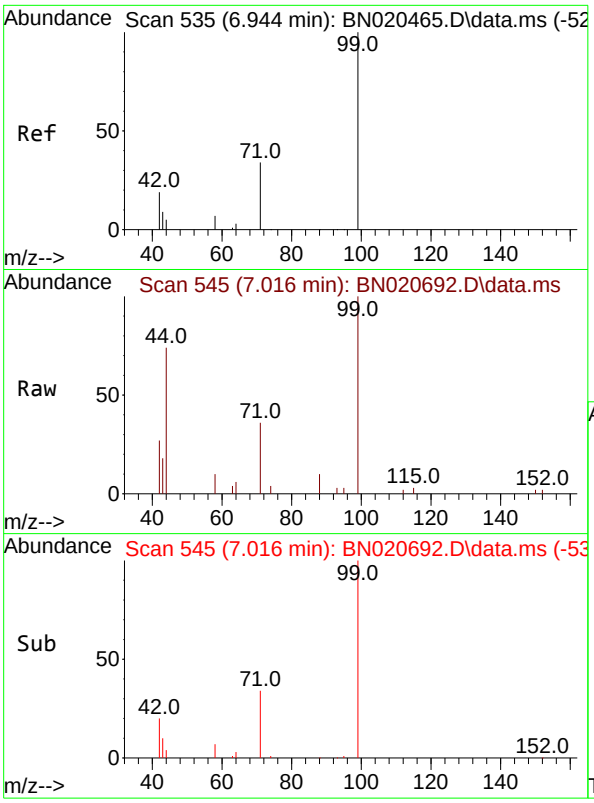


#4
2-Fluorophenol
Concen: 0.278 ng
RT: 5.406 min Scan# 322
Delta R.T. -0.007 min
Lab File: BN020692.D
Acq: 08 Jul 2022 15:16

Tgt Ion:112 Resp: 4231

Ion	Ratio	Lower	Upper
112	100		
64	63.8	49.1	73.7
63	34.3	26.3	39.5



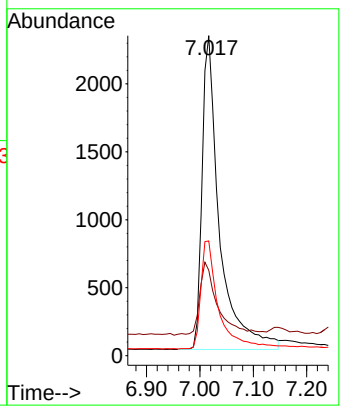


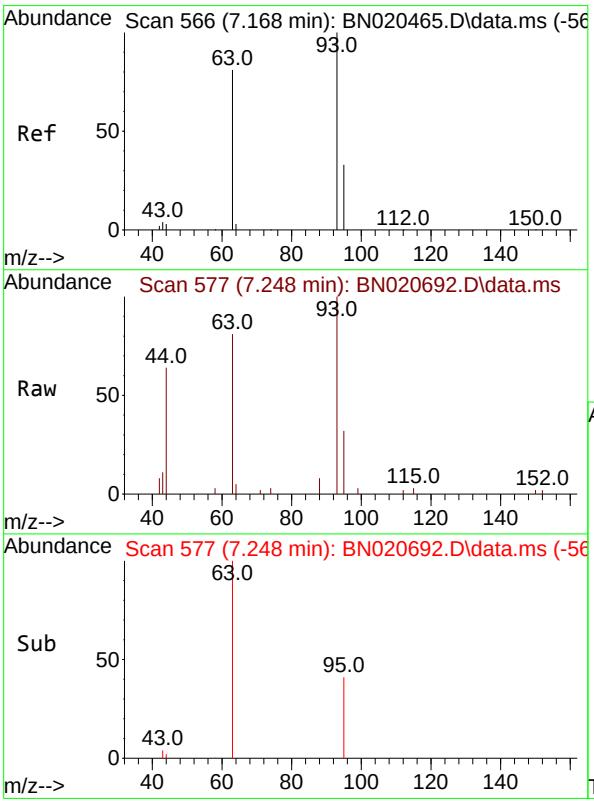
#5
Phenol-d6
Concen: 0.288 ng
RT: 7.016 min Scan# 54
Delta R.T. -0.014 min
Lab File: BN020692.D
Acq: 08 Jul 2022 15:16

Instrument :
BNA_N
ClientSampleId :
PB146111BS

Tgt Ion: 99 Resp: 5237

Ion	Ratio	Lower	Upper
99	100		
42	24.3	19.3	28.9
71	35.6	27.5	41.3

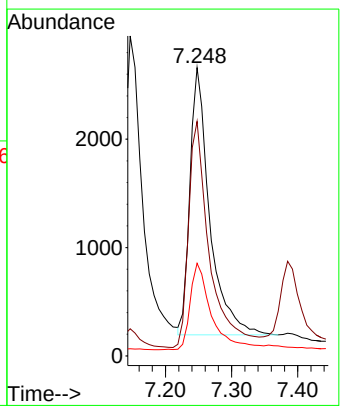


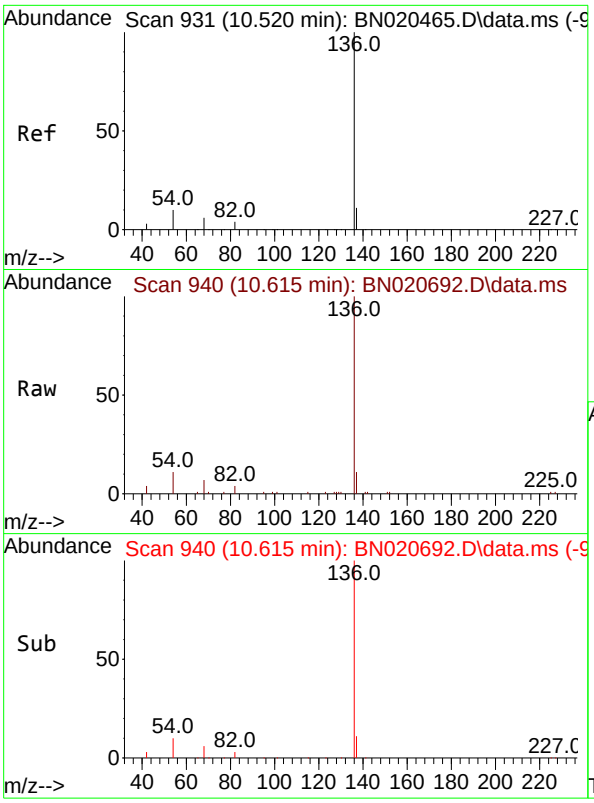


#6
bis(2-Chloroethyl)ether
Concen: 0.327 ng
RT: 7.248 min Scan# 577
Delta R.T. -0.007 min
Lab File: BN020692.D
Acq: 08 Jul 2022 15:16

Tgt Ion: 93 Resp: 5131

Ion	Ratio	Lower	Upper
93	100		
63	89.6	67.4	101.0
95	35.0	26.5	39.7



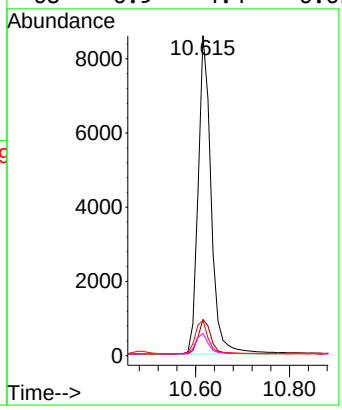


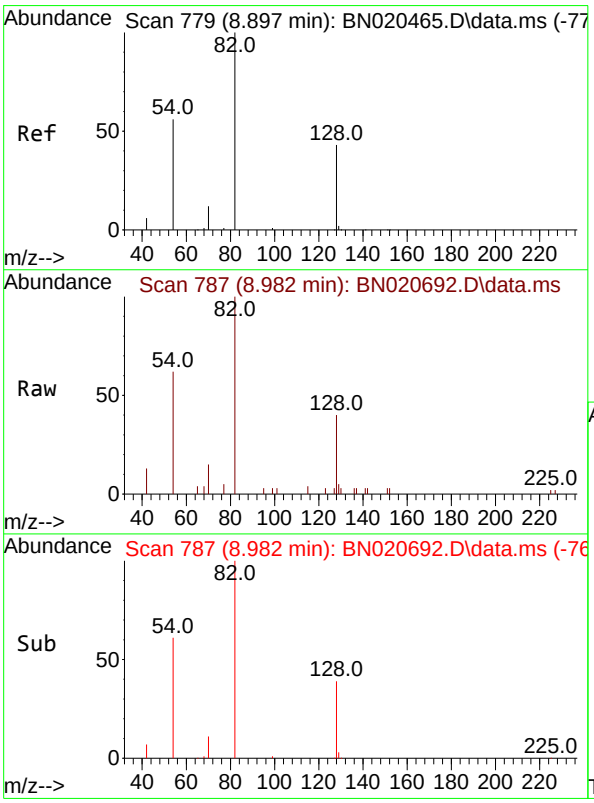
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.615 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN020692.D
Acq: 08 Jul 2022 15:16

Instrument :
BNA_N
ClientSampleId :
PB146111BS

Tgt Ion:136 Resp: 16449

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	11.0	6.2	9.2#
68	6.9	4.4	6.6#

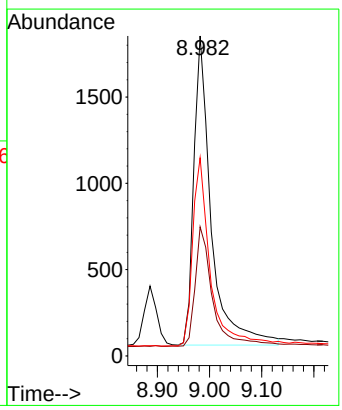


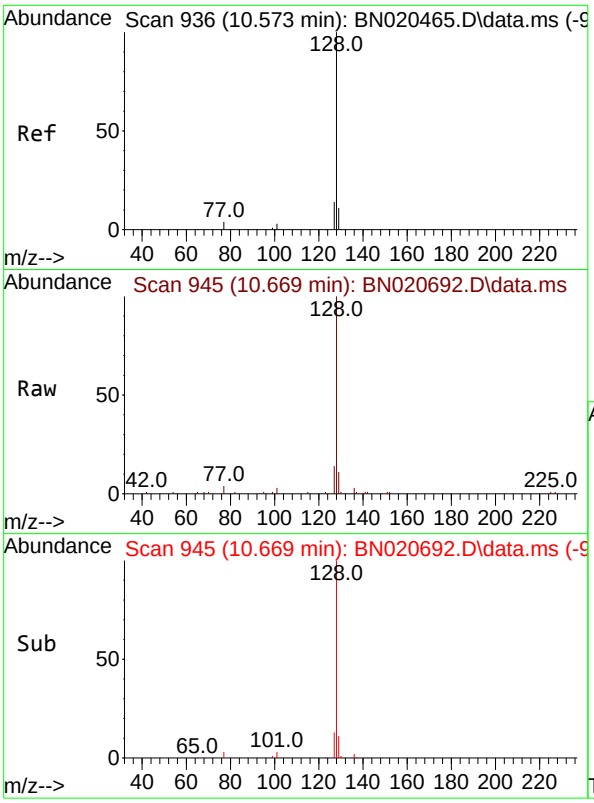


#8
Nitrobenzene-d5
Concen: 0.313 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN020692.D
Acq: 08 Jul 2022 15:16

Tgt Ion: 82 Resp: 4173

Ion	Ratio	Lower	Upper
82	100		
128	40.3	35.0	52.6
54	61.9	46.2	69.4



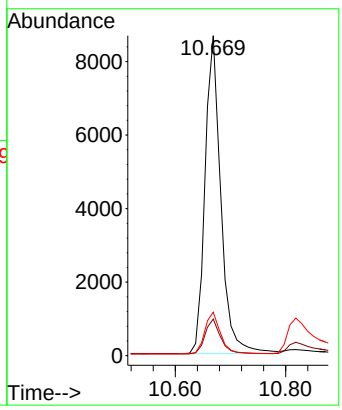


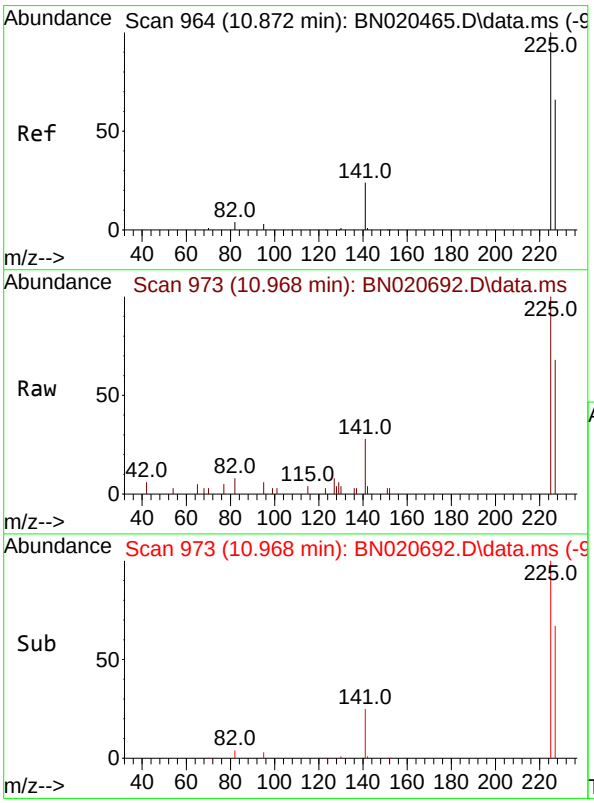
#9
Naphthalene
Concen: 0.352 ng
RT: 10.669 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN020692.D
Acq: 08 Jul 2022 15:16

Instrument :
BNA_N
ClientSampleId :
PB146111BS

Tgt Ion:128 Resp: 17288

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.9	13.3
127	13.6	10.8	16.2

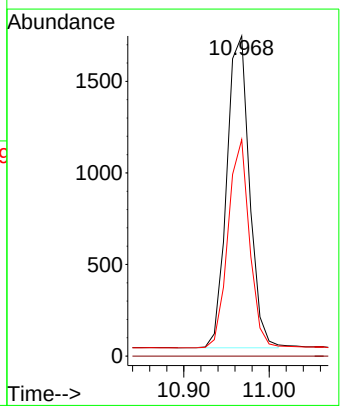


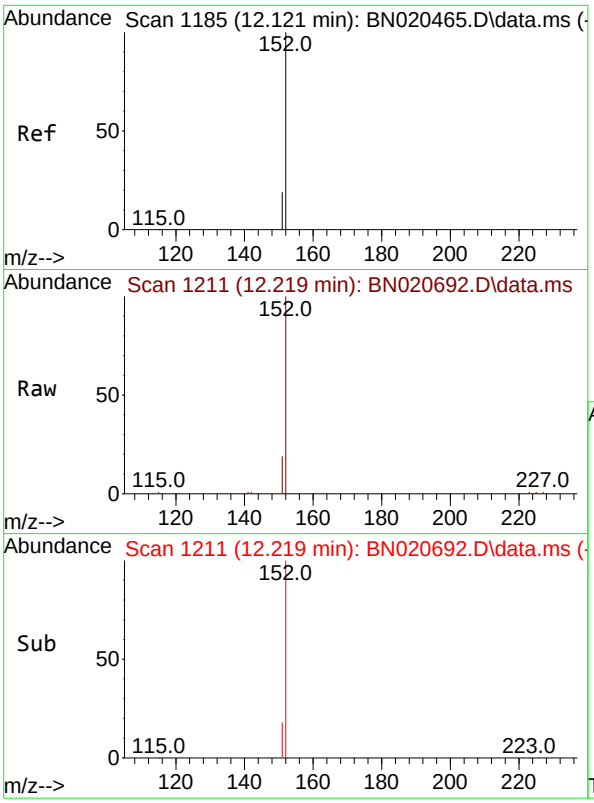


#10
Hexachlorobutadiene
Concen: 0.352 ng
RT: 10.968 min Scan# 973
Delta R.T. 0.000 min
Lab File: BN020692.D
Acq: 08 Jul 2022 15:16

Tgt Ion:225 Resp: 3146

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.1	50.9	76.3



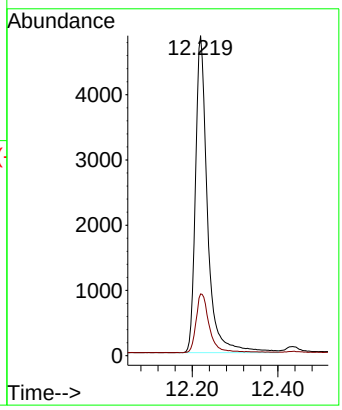


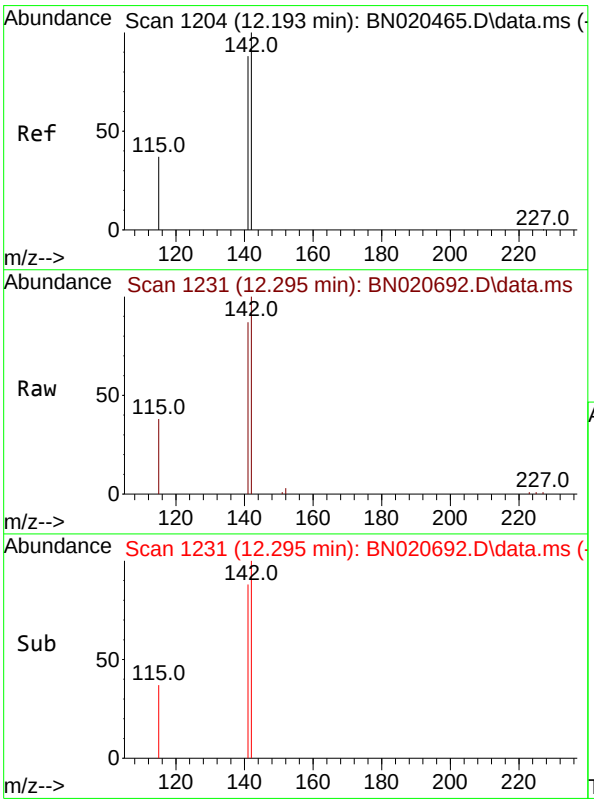
#11
2-Methylnaphthalene-d10
Concen: 0.335 ng
RT: 12.219 min Scan# 1
Delta R.T. -0.008 min
Lab File: BN020692.D
Acq: 08 Jul 2022 15:16

Instrument :
BNA_N
ClientSampleId :
PB146111BS

Tgt Ion:152 Resp: 9443

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4

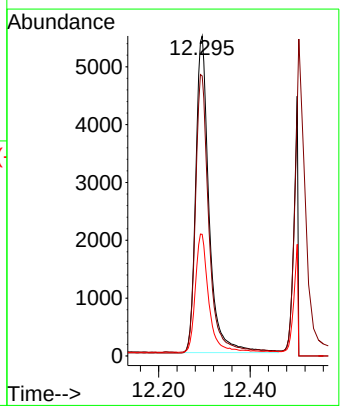


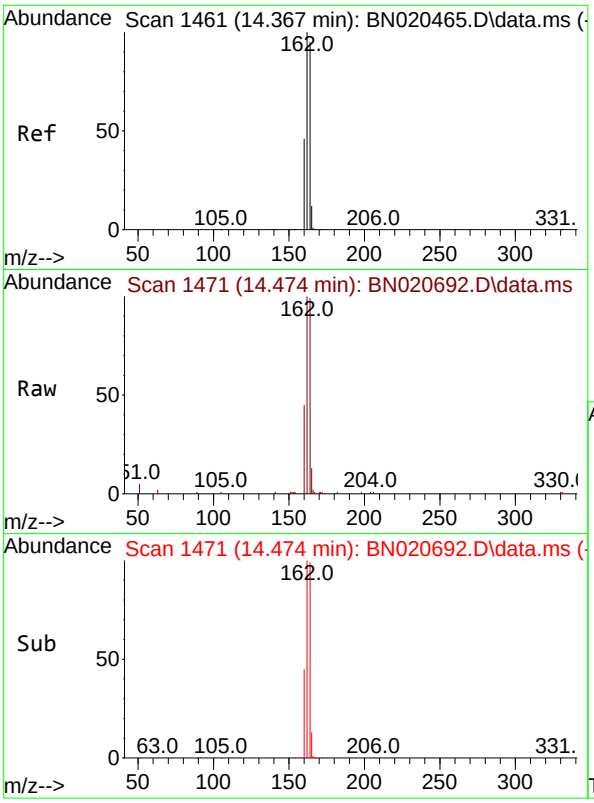


#12
2-Methylnaphthalene
Concen: 0.340 ng
RT: 12.295 min Scan# 1231
Delta R.T. -0.004 min
Lab File: BN020692.D
Acq: 08 Jul 2022 15:16

Tgt Ion:142 Resp: 11087

Ion	Ratio	Lower	Upper
142	100		
141	87.5	71.6	107.4
115	38.0	29.8	44.8



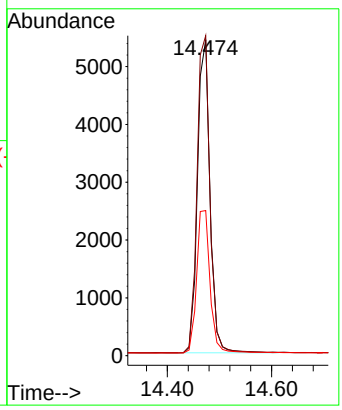


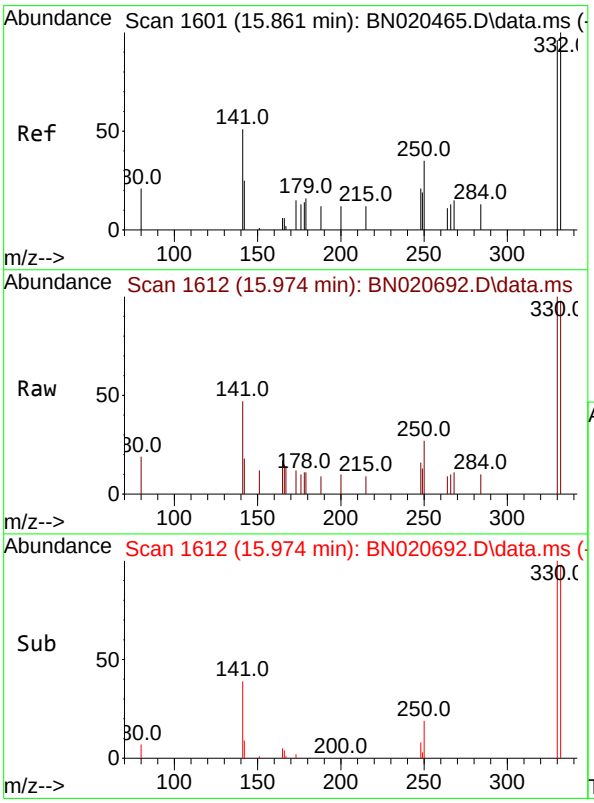
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN020692.D
Acq: 08 Jul 2022 15:16

Instrument :
BNA_N
ClientSampleId :
PB146111BS

Tgt Ion:164 Resp: 9066

Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.1	123.1
160	45.9	38.6	58.0

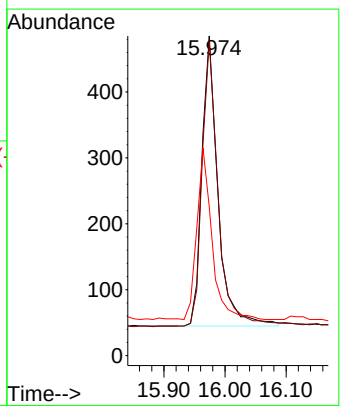


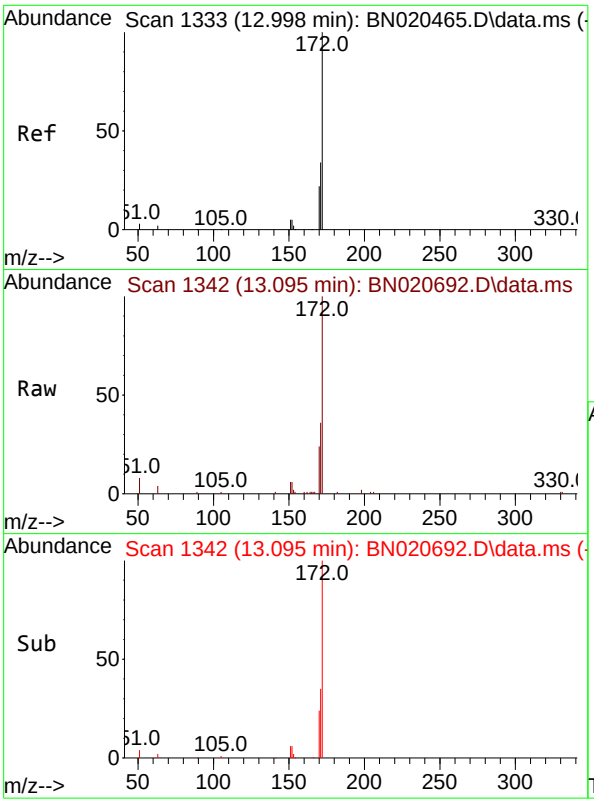


#14
2,4,6-Tribromophenol
Concen: 0.236 ng
RT: 15.974 min Scan# 1612
Delta R.T. 0.000 min
Lab File: BN020692.D
Acq: 08 Jul 2022 15:16

Tgt Ion:330 Resp: 807

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.6	116.4
141	55.4	41.0	61.4



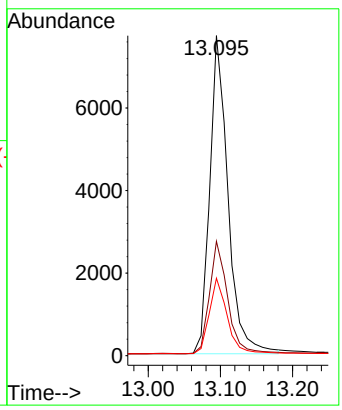


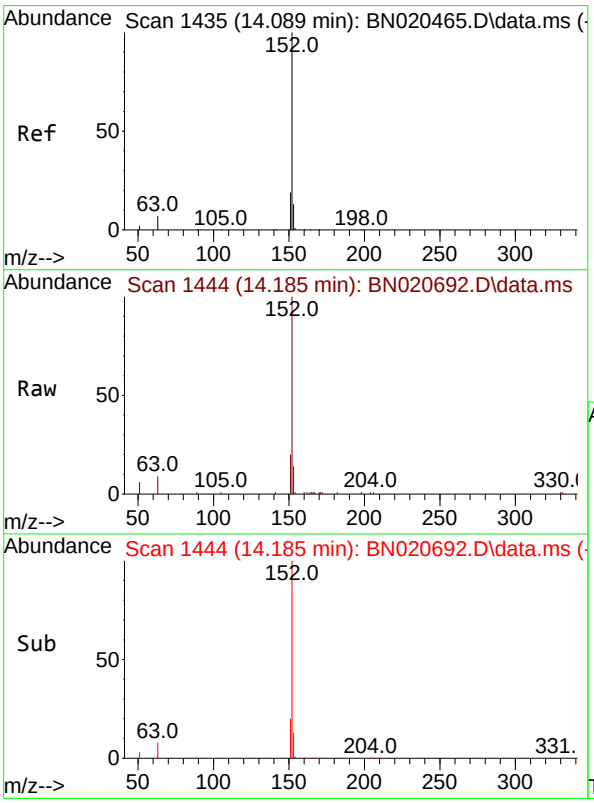
#15
2-Fluorobiphenyl
Concen: 0.362 ng
RT: 13.095 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN020692.D
Acq: 08 Jul 2022 15:16

Instrument :
BNA_N
ClientSampleId :
PB146111BS

Tgt Ion:172 Resp: 13536

Ion	Ratio	Lower	Upper
172	100		
171	35.8	27.2	40.8
170	24.2	18.2	27.4

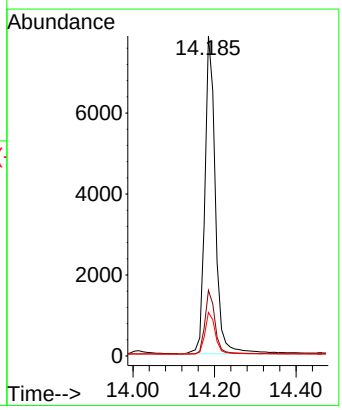


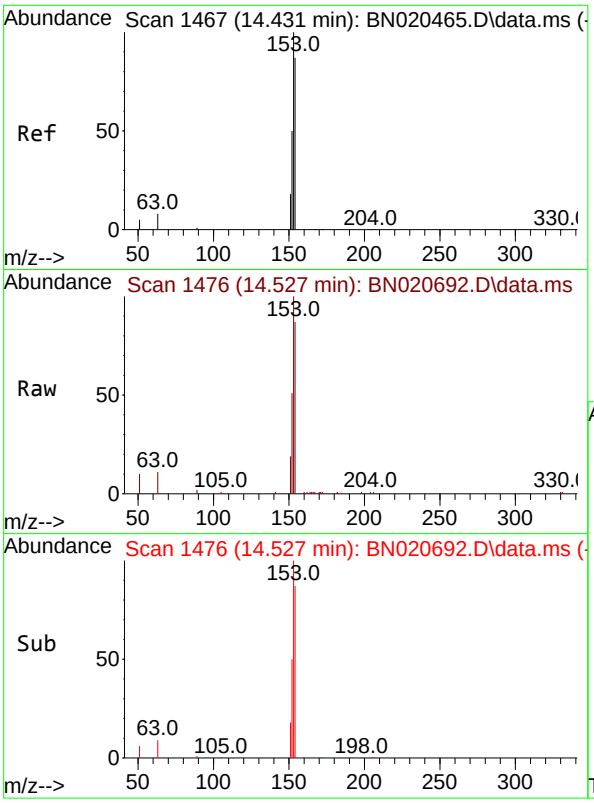


#16
Acenaphthylene
Concen: 0.324 ng
RT: 14.185 min Scan# 1444
Delta R.T. -0.011 min
Lab File: BN020692.D
Acq: 08 Jul 2022 15:16

Tgt Ion:152 Resp: 14116

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.2	24.4
153	13.1	10.7	16.1



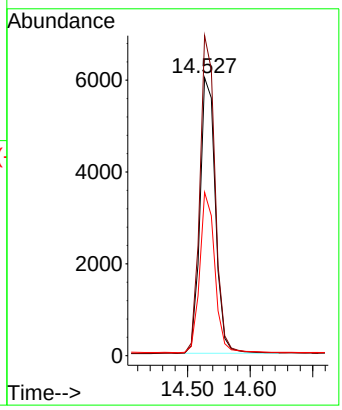


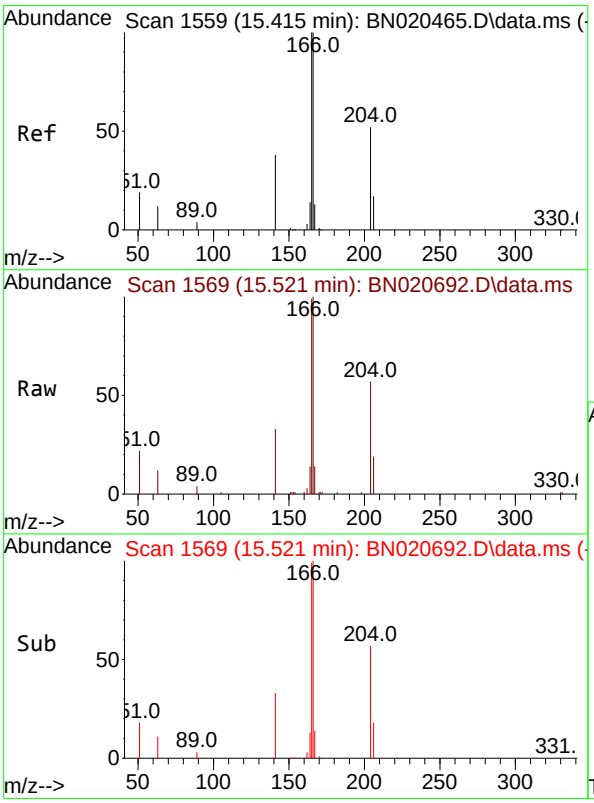
#17
Acenaphthene
Concen: 0.347 ng
RT: 14.527 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN020692.D
Acq: 08 Jul 2022 15:16

Instrument :
BNA_N
ClientSampleId :
PB146111BS

Tgt Ion:154 Resp: 10288

Ion	Ratio	Lower	Upper
154	100		
153	114.4	87.5	131.3
152	57.3	43.8	65.6

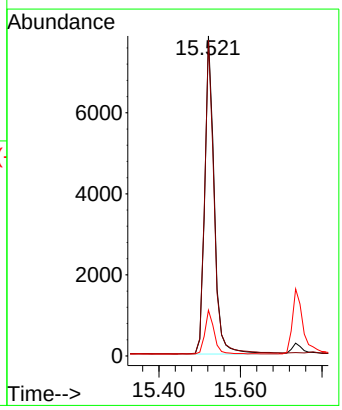


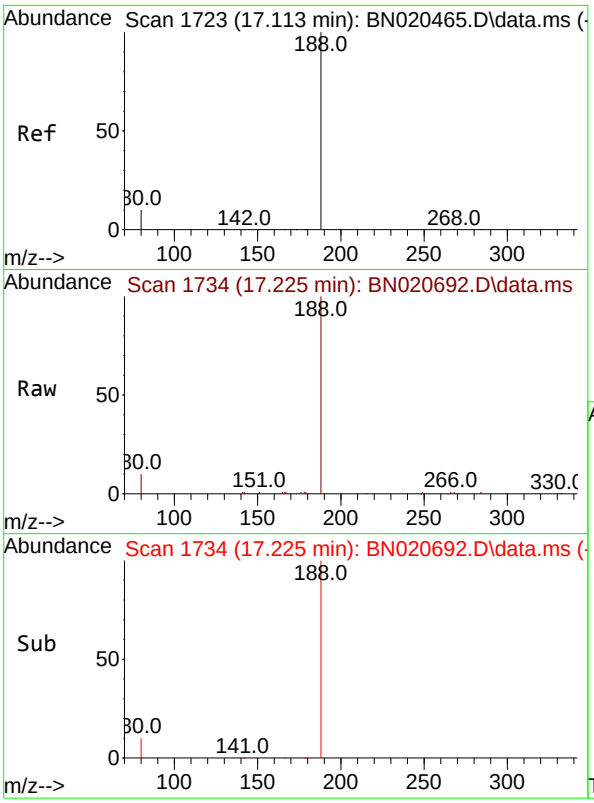


#18
Fluorene
Concen: 0.328 ng
RT: 15.521 min Scan# 1569
Delta R.T. -0.011 min
Lab File: BN020692.D
Acq: 08 Jul 2022 15:16

Tgt Ion:166 Resp: 12682

Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.6	118.0
167	13.7	10.8	16.2



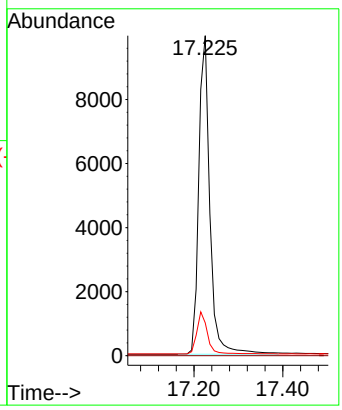


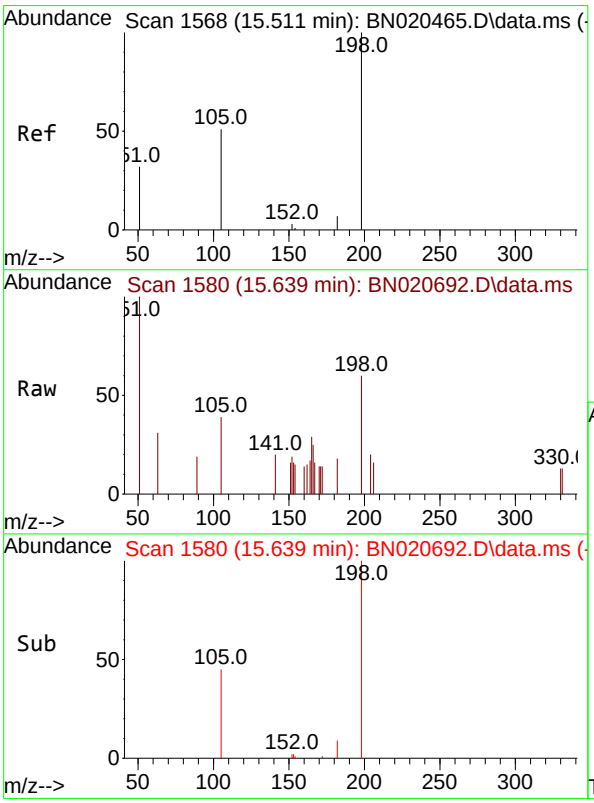
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.225 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN020692.D
Acq: 08 Jul 2022 15:16

Instrument :
BNA_N
ClientSampleId :
PB146111BS

Tgt Ion:188 Resp: 17190

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.2	7.4	11.2

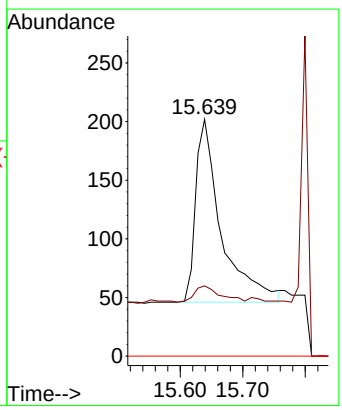


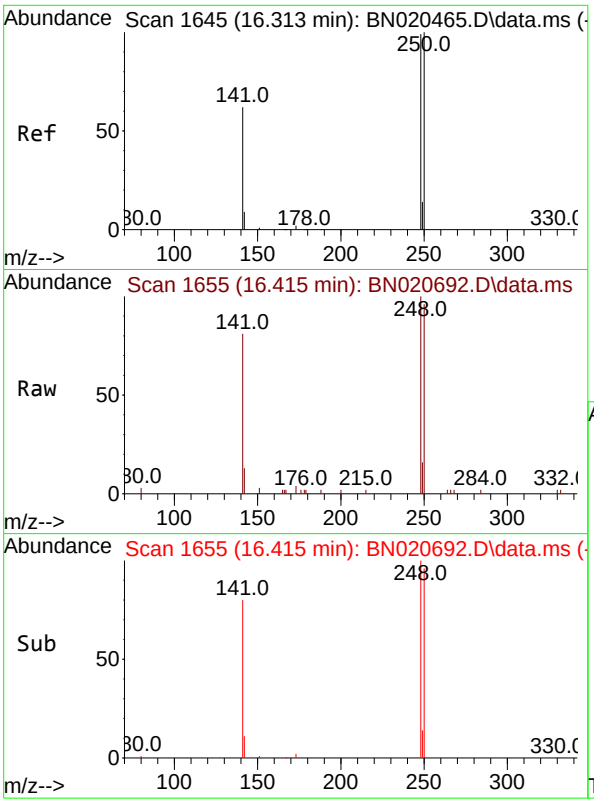


#20
4,6-Dinitro-2-methylphenol
Concen: 0.357 ng
RT: 15.639 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BN020692.D
Acq: 08 Jul 2022 15:16

Tgt Ion:198 Resp: 444

Ion	Ratio	Lower	Upper
198	100		
182	29.7	12.1	18.1#
77	0.0	0.0	0.0



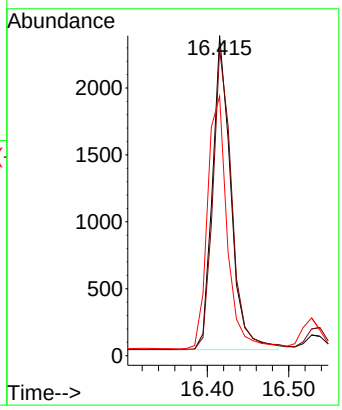


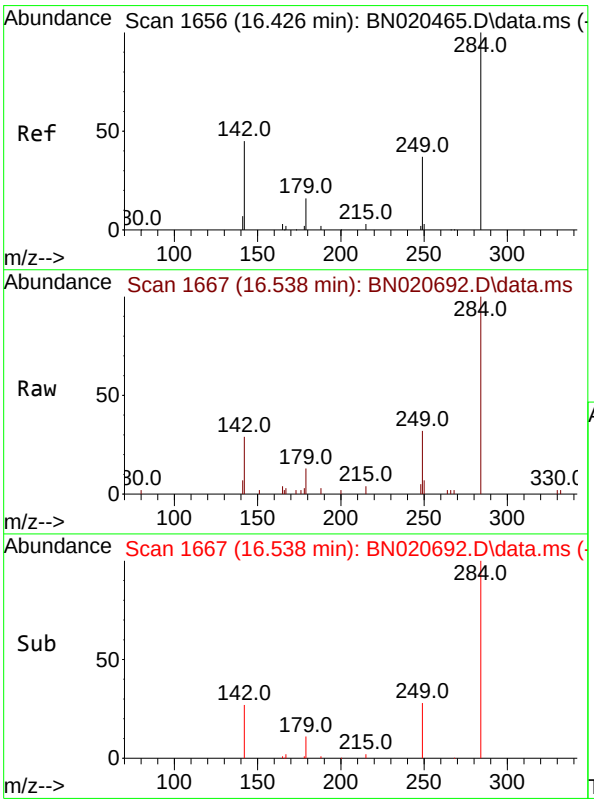
#21
4-Bromophenyl-phenylether
Concen: 0.367 ng
RT: 16.415 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN020692.D
Acq: 08 Jul 2022 15:16

Instrument :
BNA_N
ClientSampleId :
PB146111BS

Tgt Ion:248 Resp: 3671

Ion	Ratio	Lower	Upper
248	100		
250	95.9	75.3	112.9
141	81.1	67.3	100.9

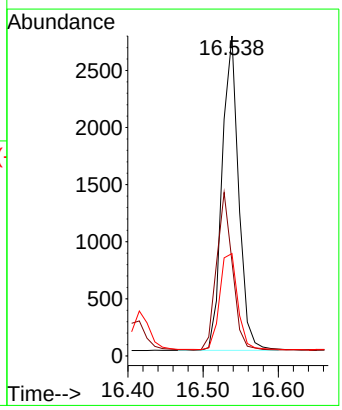


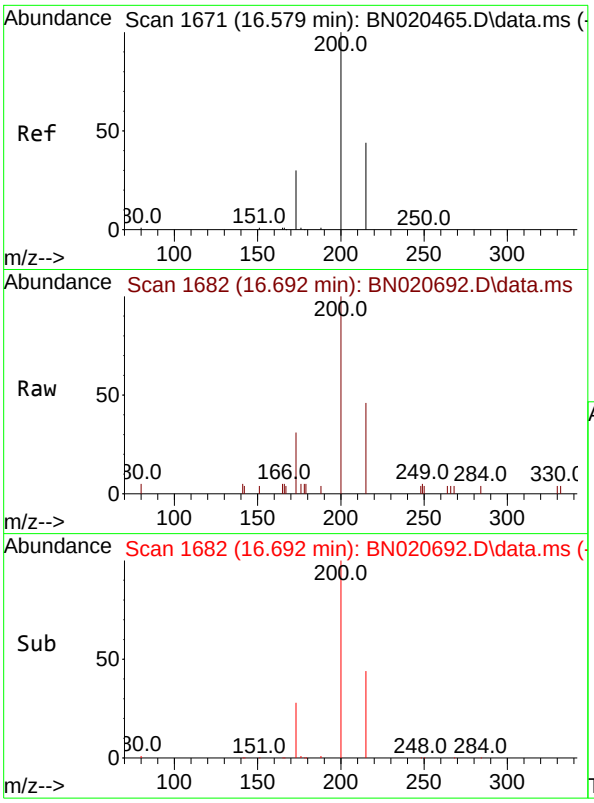


#22
Hexachlorobenzene
Concen: 0.379 ng
RT: 16.538 min Scan# 1667
Delta R.T. 0.000 min
Lab File: BN020692.D
Acq: 08 Jul 2022 15:16

Tgt Ion:284 Resp: 4198

Ion	Ratio	Lower	Upper
284	100		
142	48.0	35.2	52.8
249	33.0	26.6	40.0



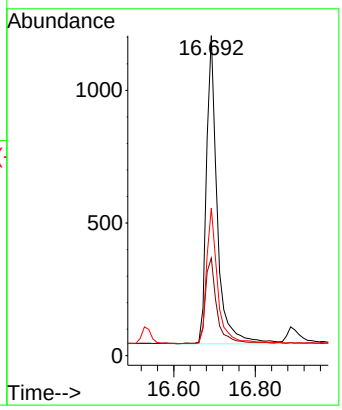


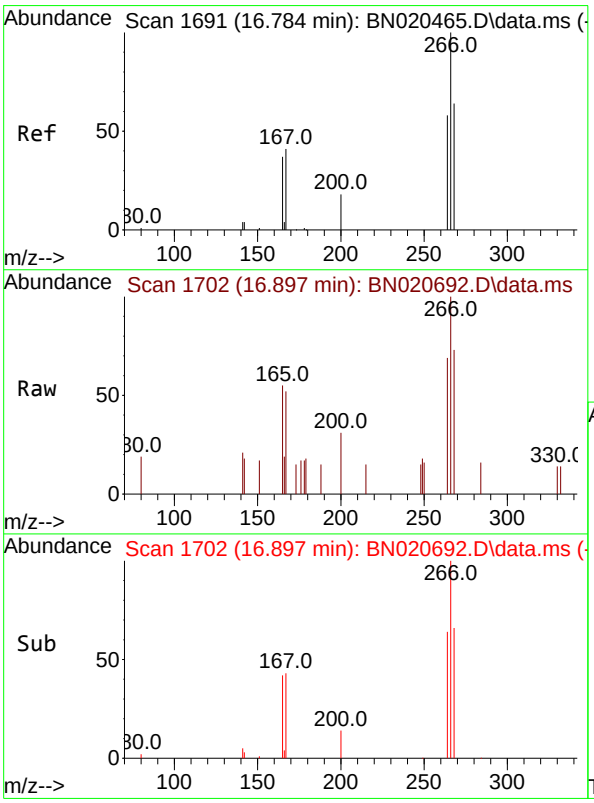
#23
Atrazine
Concen: 0.271 ng
RT: 16.692 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN020692.D
Acq: 08 Jul 2022 15:16

Instrument :
BNA_N
ClientSampleId :
PB146111BS

Tgt Ion:200 Resp: 2139

Ion	Ratio	Lower	Upper
200	100		
173	30.5	23.6	35.4
215	46.1	36.6	54.8

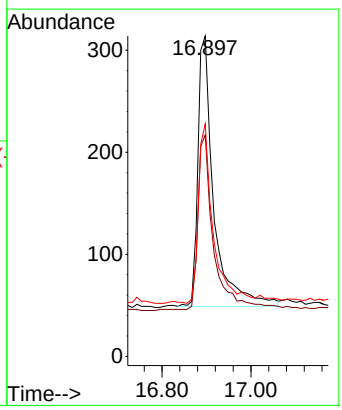


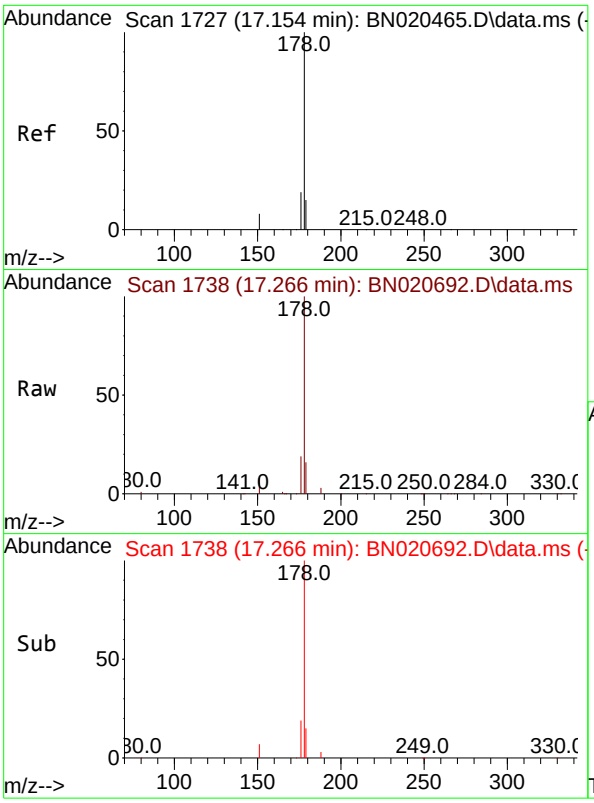


#24
Pentachlorophenol
Concen: 0.369 ng
RT: 16.897 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BN020692.D
Acq: 08 Jul 2022 15:16

Tgt Ion:266 Resp: 658

Ion	Ratio	Lower	Upper
266	100		
264	63.1	51.3	76.9
268	62.5	52.6	79.0



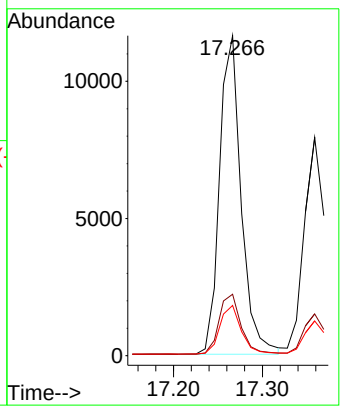


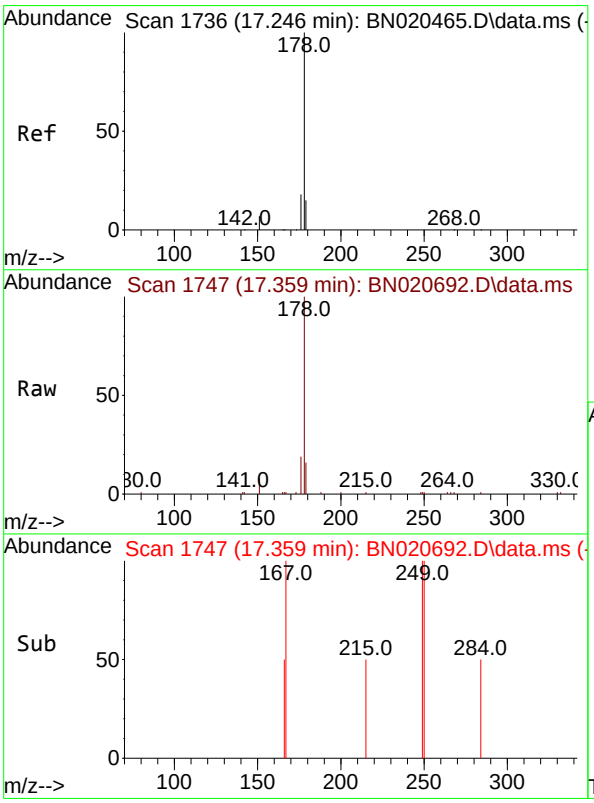
#25
Phenanthrene
Concen: 0.338 ng
RT: 17.266 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN020692.D
Acq: 08 Jul 2022 15:16

Instrument :
BNA_N
ClientSampleId :
PB146111BS

Tgt Ion:178 Resp: 19601

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

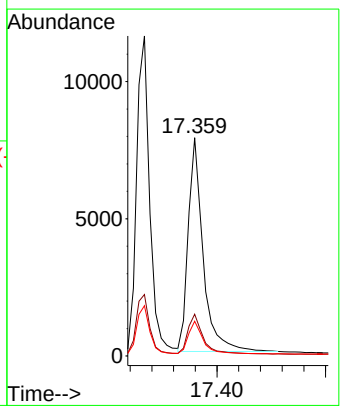


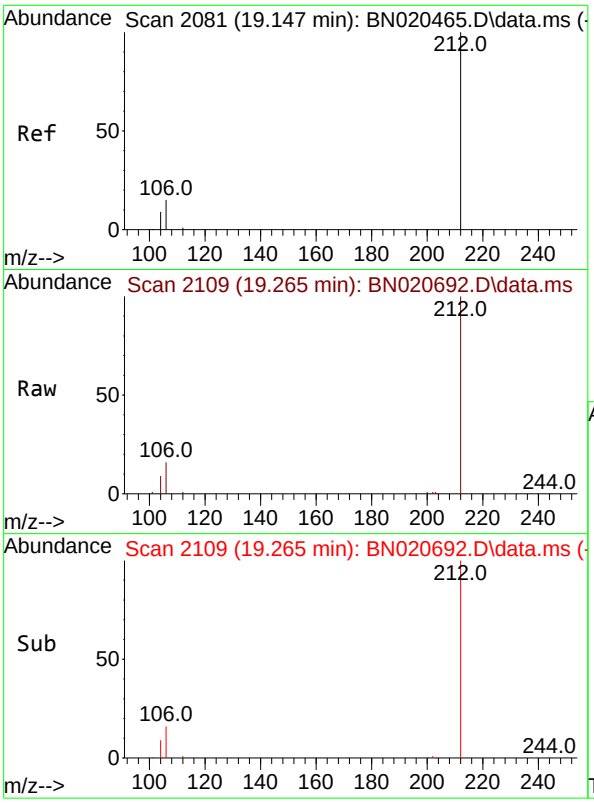


#26
Anthracene
Concen: 0.297 ng
RT: 17.359 min Scan# 1747
Delta R.T. 0.000 min
Lab File: BN020692.D
Acq: 08 Jul 2022 15:16

Tgt Ion:178 Resp: 14863

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.9	22.3
179	15.1	12.2	18.4



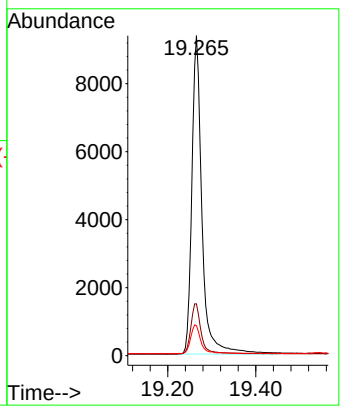


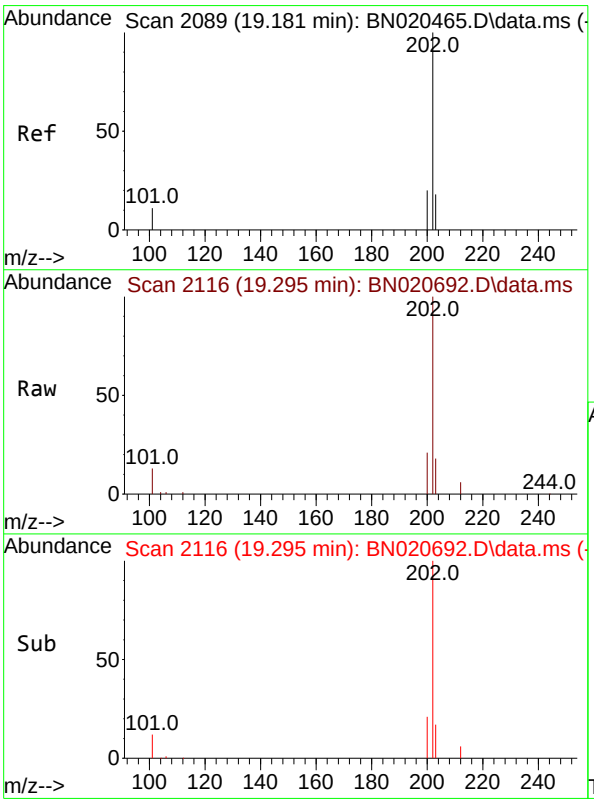
#27
Fluoranthene-d10
Concen: 0.294 ng
RT: 19.265 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN020692.D
Acq: 08 Jul 2022 15:16

Instrument :
BNA_N
ClientSampleId :
PB146111BS

Tgt Ion:212 Resp: 15012

Ion	Ratio	Lower	Upper
212	100		
106	16.1	12.6	19.0
104	9.0	7.2	10.8

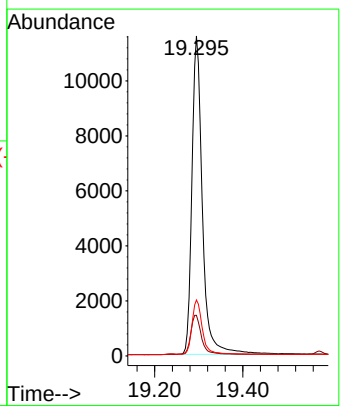


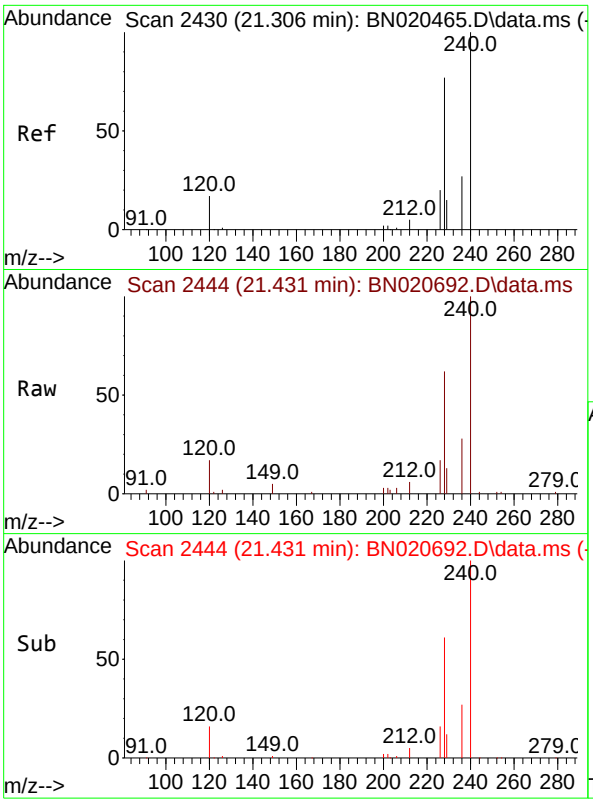


#28
Fluoranthene
Concen: 0.303 ng
RT: 19.295 min Scan# 2116
Delta R.T. -0.004 min
Lab File: BN020692.D
Acq: 08 Jul 2022 15:16

Tgt Ion:202 Resp: 19173

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.6	14.4
203	16.7	13.5	20.3



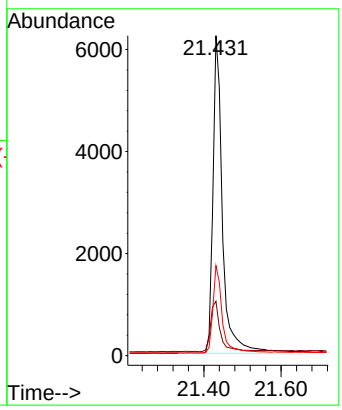


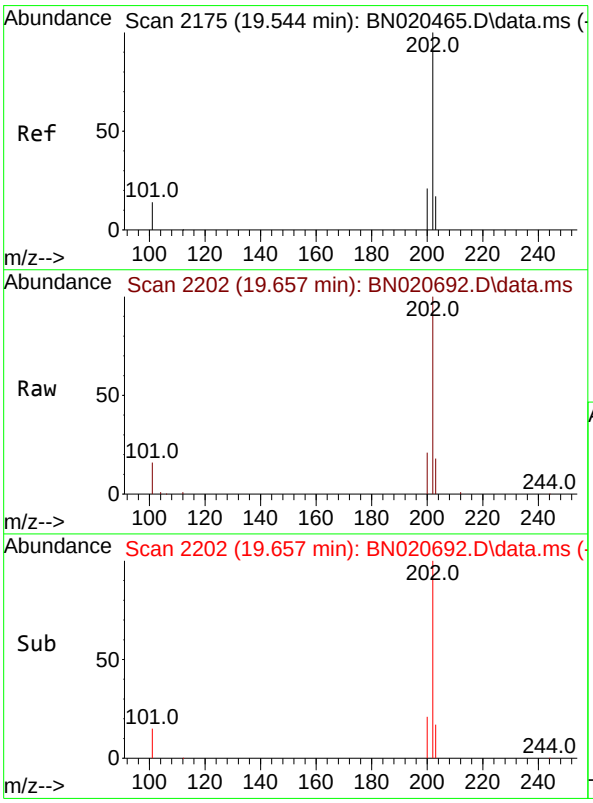
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.431 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN020692.D
Acq: 08 Jul 2022 15:16

Instrument :
BNA_N
ClientSampleId :
PB146111BS

Tgt Ion:240 Resp: 10694

Ion	Ratio	Lower	Upper
240	100		
120	17.0	14.6	21.8
236	28.1	22.6	33.8

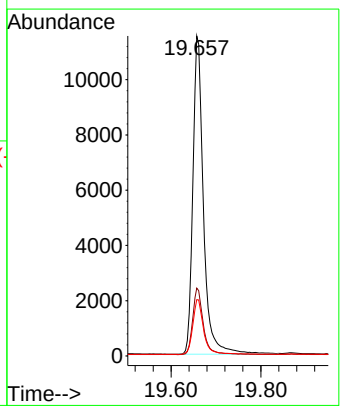


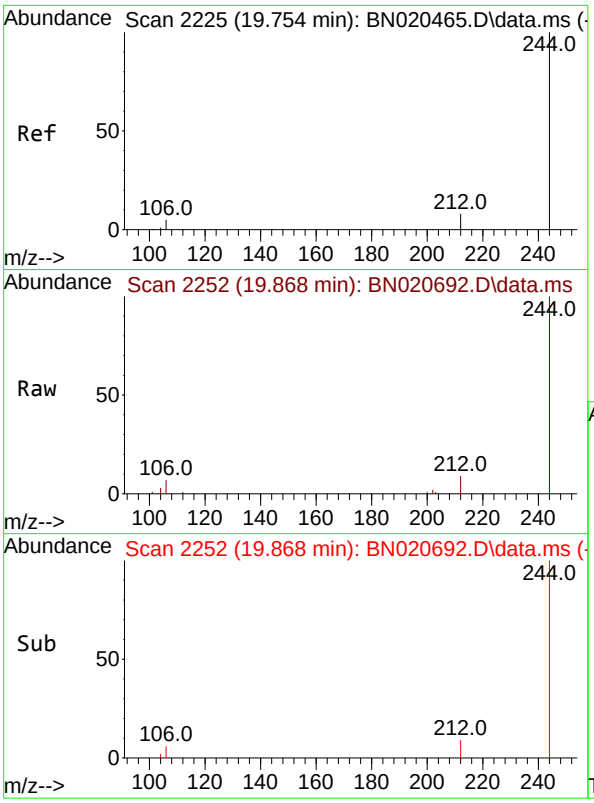


#30
Pyrene
Concen: 0.418 ng
RT: 19.657 min Scan# 2202
Delta R.T. -0.004 min
Lab File: BN020692.D
Acq: 08 Jul 2022 15:16

Tgt Ion:202 Resp: 18941

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	25.0
203	17.5	14.2	21.2



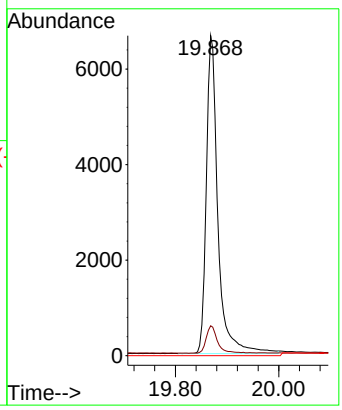


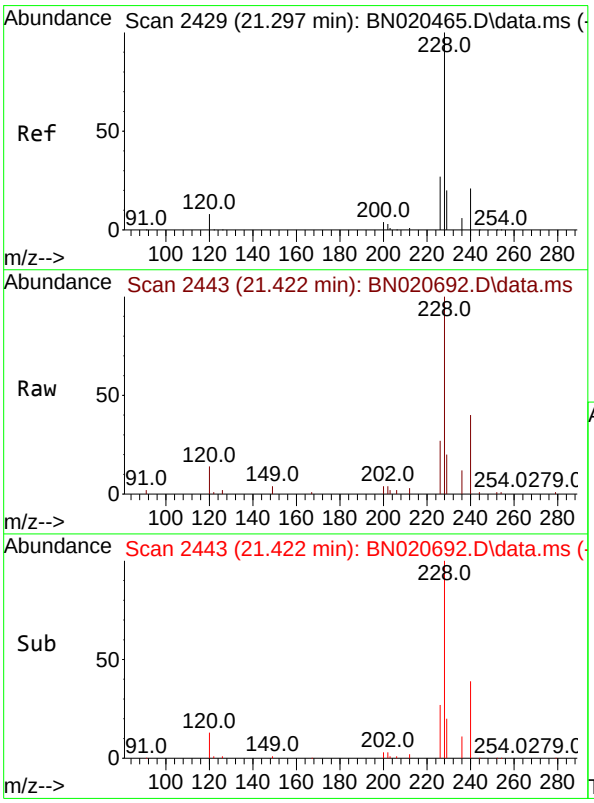
#31
Terphenyl-d14
Concen: 0.404 ng
RT: 19.868 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN020692.D
Acq: 08 Jul 2022 15:16

Instrument :
BNA_N
ClientSampleId :
PB146111BS

Tgt Ion:244 Resp: 10333

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.1	10.7
122	0.0	0.0	0.0

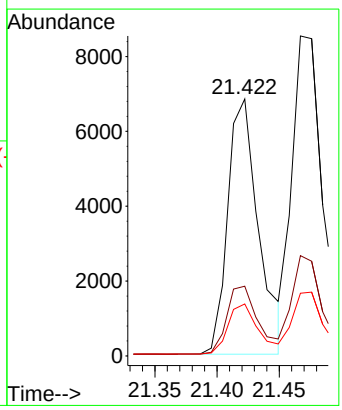


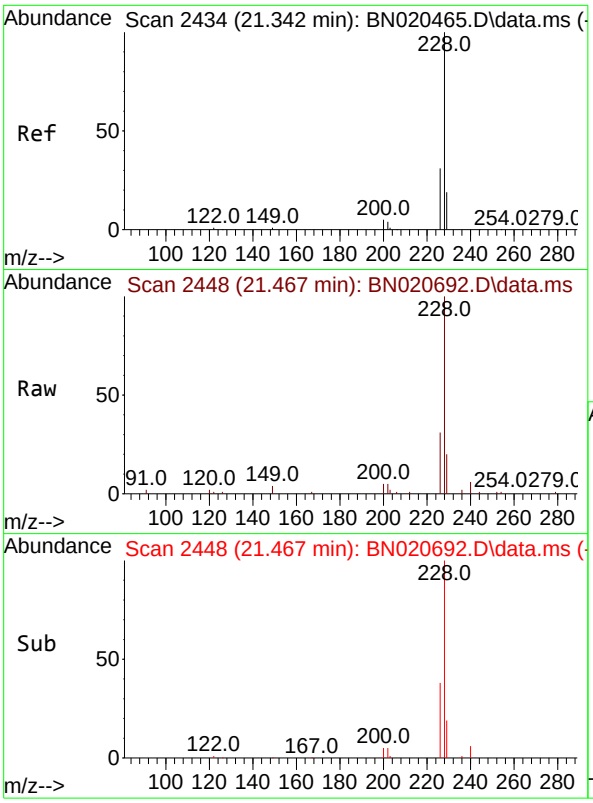


#32
Benzo(a)anthracene
Concen: 0.308 ng
RT: 21.422 min Scan# 2443
Delta R.T. 0.000 min
Lab File: BN020692.D
Acq: 08 Jul 2022 15:16

Tgt Ion:228 Resp: 11786

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.2	31.8
229	20.2	15.6	23.4



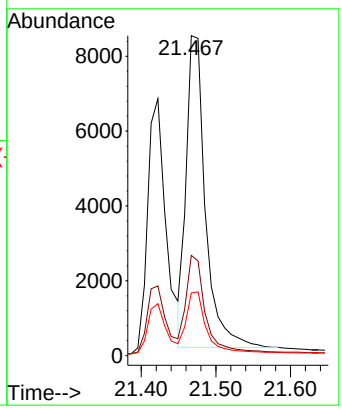


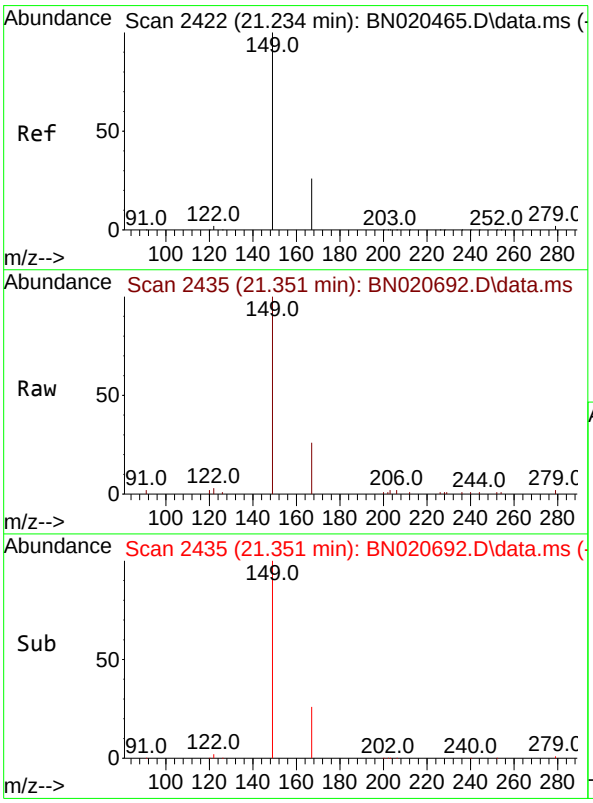
#33
Chrysene
Concen: 0.354 ng
RT: 21.467 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN020692.D
Acq: 08 Jul 2022 15:16

Instrument :
BNA_N
ClientSampleId :
PB146111BS

Tgt Ion:228 Resp: 14971

Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.4	35.0
229	19.6	15.7	23.5

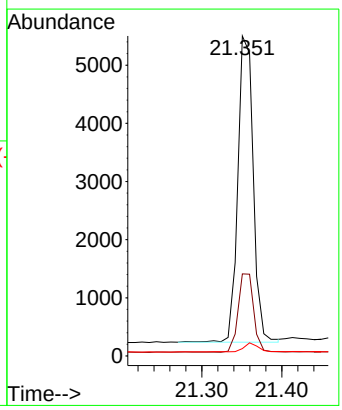


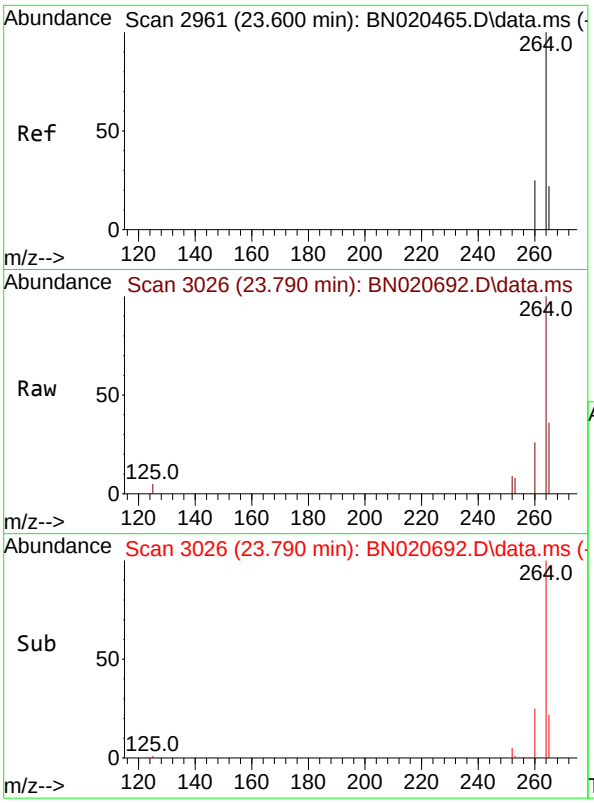


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.328 ng
RT: 21.351 min Scan# 2435
Delta R.T. 0.000 min
Lab File: BN020692.D
Acq: 08 Jul 2022 15:16

Tgt Ion:149 Resp: 7068

Ion	Ratio	Lower	Upper
149	100		
167	25.7	21.7	32.5
279	2.7	2.2	3.2



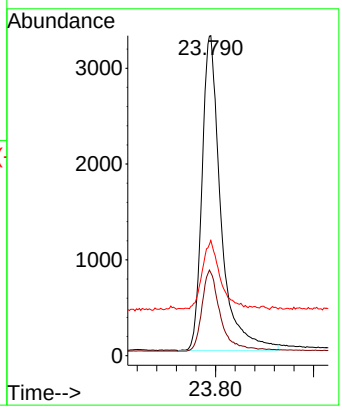


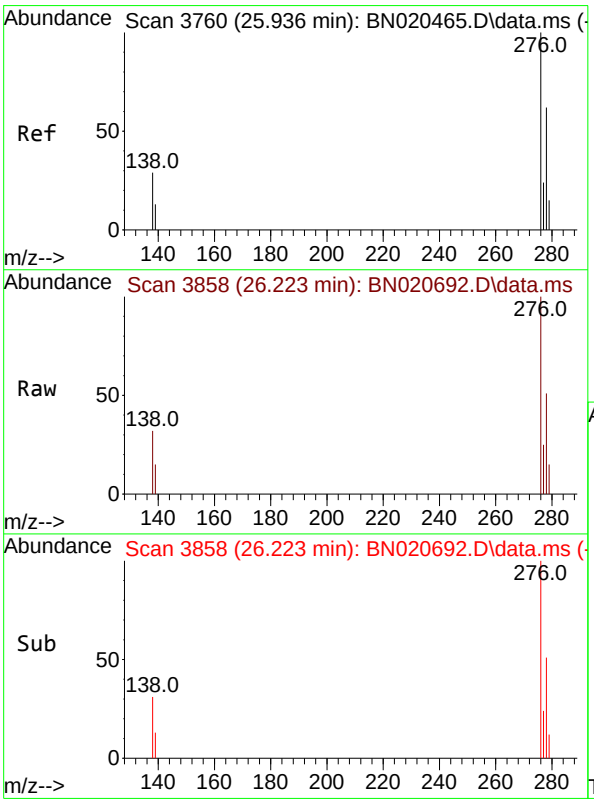
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.790 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN020692.D
Acq: 08 Jul 2022 15:16

Instrument :
BNA_N
ClientSampleId :
PB146111BS

Tgt Ion:264 Resp: 8761

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.9	31.3
265	36.0	28.0	42.0

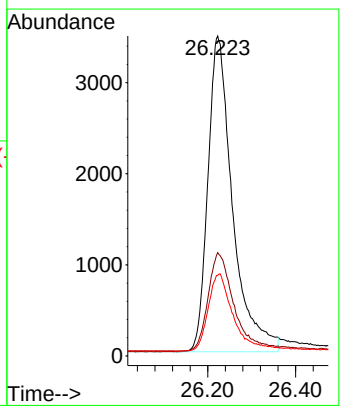


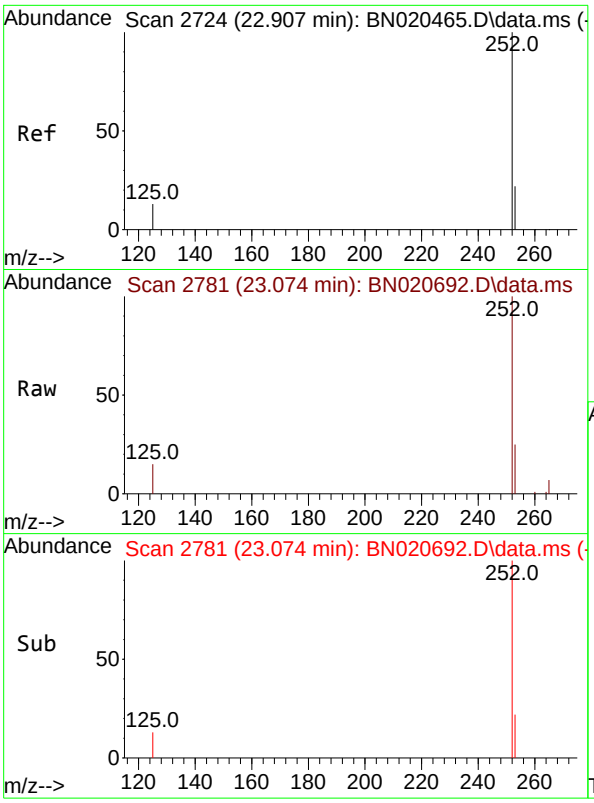


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.346 ng
RT: 26.223 min Scan# 3858
Delta R.T. 0.000 min
Lab File: BN020692.D
Acq: 08 Jul 2022 15:16

Tgt Ion:276 Resp: 13516

Ion	Ratio	Lower	Upper
276	100		
138	32.7	25.9	38.9
277	25.0	19.8	29.8



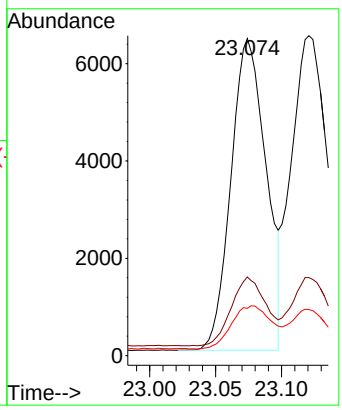


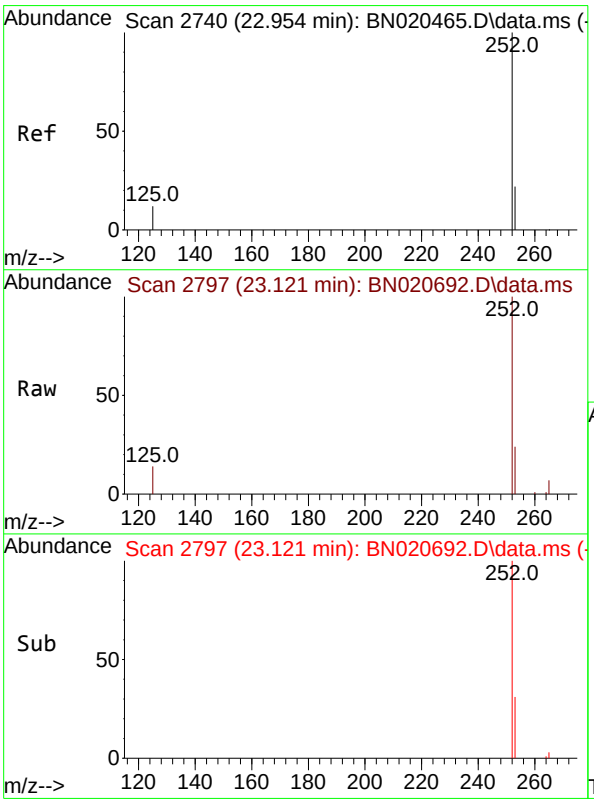
#37
Benzo(b)fluoranthene
Concen: 0.351 ng
RT: 23.074 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN020692.D
Acq: 08 Jul 2022 15:16

Instrument :
BNA_N
ClientSampleId :
PB146111BS

Tgt Ion:252 Resp: 11856

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.5	27.7
125	14.9	11.4	17.0

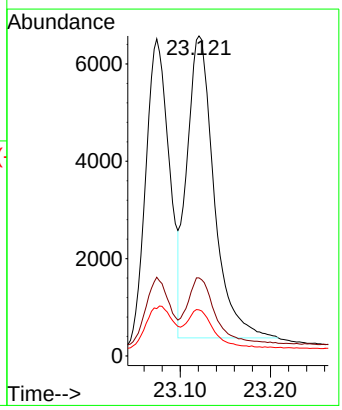


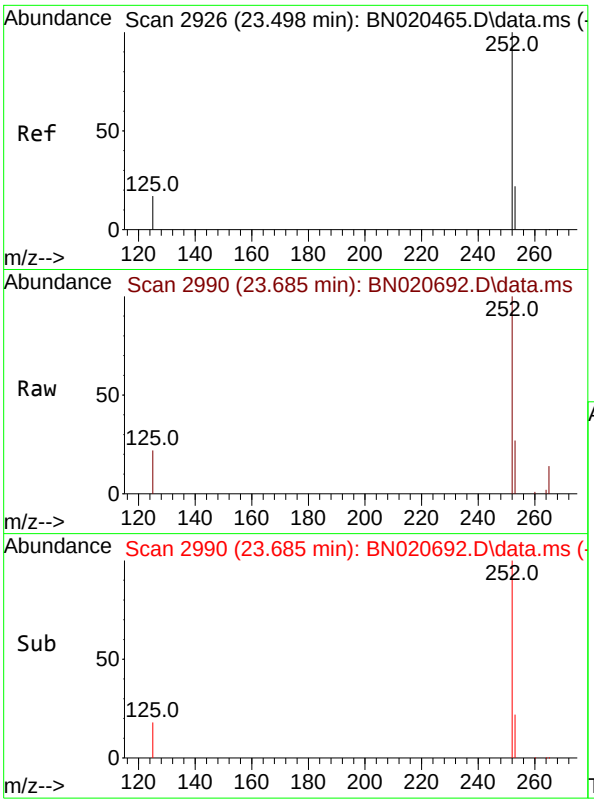


#38
Benzo(k)fluoranthene
Concen: 0.360 ng
RT: 23.121 min Scan# 2797
Delta R.T. 0.000 min
Lab File: BN020692.D
Acq: 08 Jul 2022 15:16

Tgt Ion:252 Resp: 12948

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.0	27.0
125	14.4	11.0	16.4



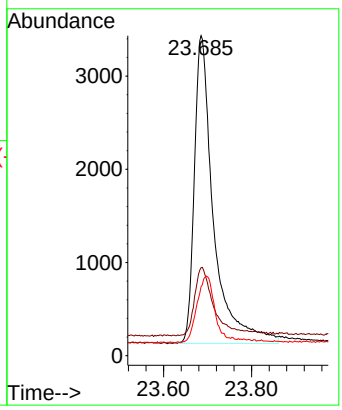


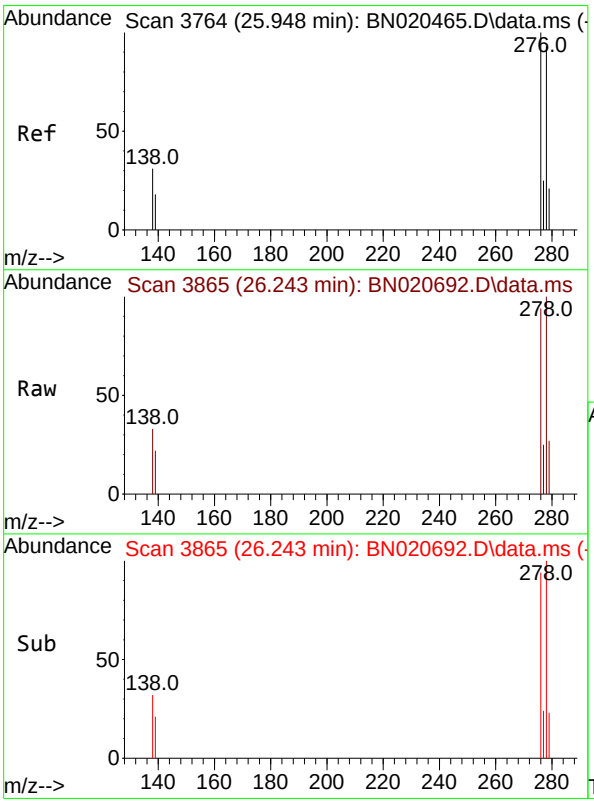
#39
Benzo(a)pyrene
Concen: 0.343 ng
RT: 23.685 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN020692.D
Acq: 08 Jul 2022 15:16

Instrument :
BNA_N
ClientSampleId :
PB146111BS

Tgt Ion:252 Resp: 10035

Ion	Ratio	Lower	Upper
252	100		
253	27.5	19.0	28.4
125	21.5	13.8	20.8#

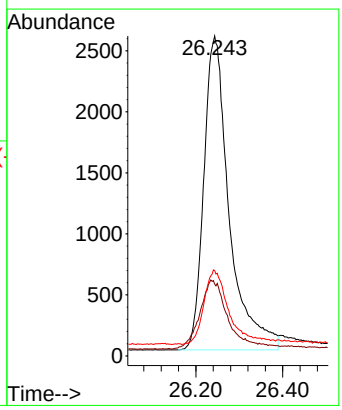


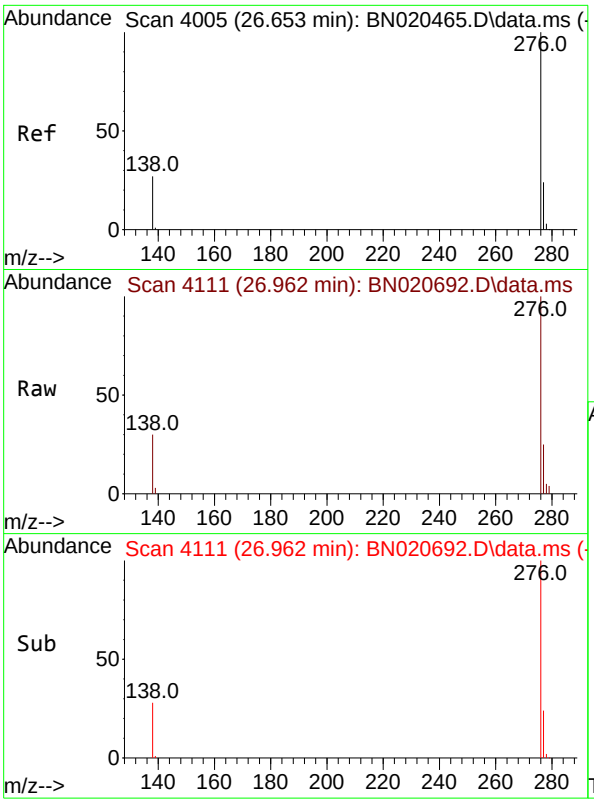


#40
Dibenzo(a,h)anthracene
Concen: 0.334 ng
RT: 26.243 min Scan# 3865
Delta R.T. -0.003 min
Lab File: BN020692.D
Acq: 08 Jul 2022 15:16

Tgt Ion:278 Resp: 10452

Ion	Ratio	Lower	Upper
278	100		
139	22.5	18.6	28.0
279	26.7	19.7	29.5





#41
Benzo(g,h,i)perylene
Concen: 0.348 ng
RT: 26.962 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN020692.D
Acq: 08 Jul 2022 15:16

Instrument :
BNA_N
ClientSampleId :
PB146111BS

Tgt Ion:276 Resp: 11897

Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.5	29.3
138	29.7	22.6	34.0