Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071222\
Data File : BN020722.D
Acq On : 12 Jul 2022 20:18
Operator : CG/JU
Sample : PB146159BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB146159BSD

Quant Time: Jul 13 02:41:57 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

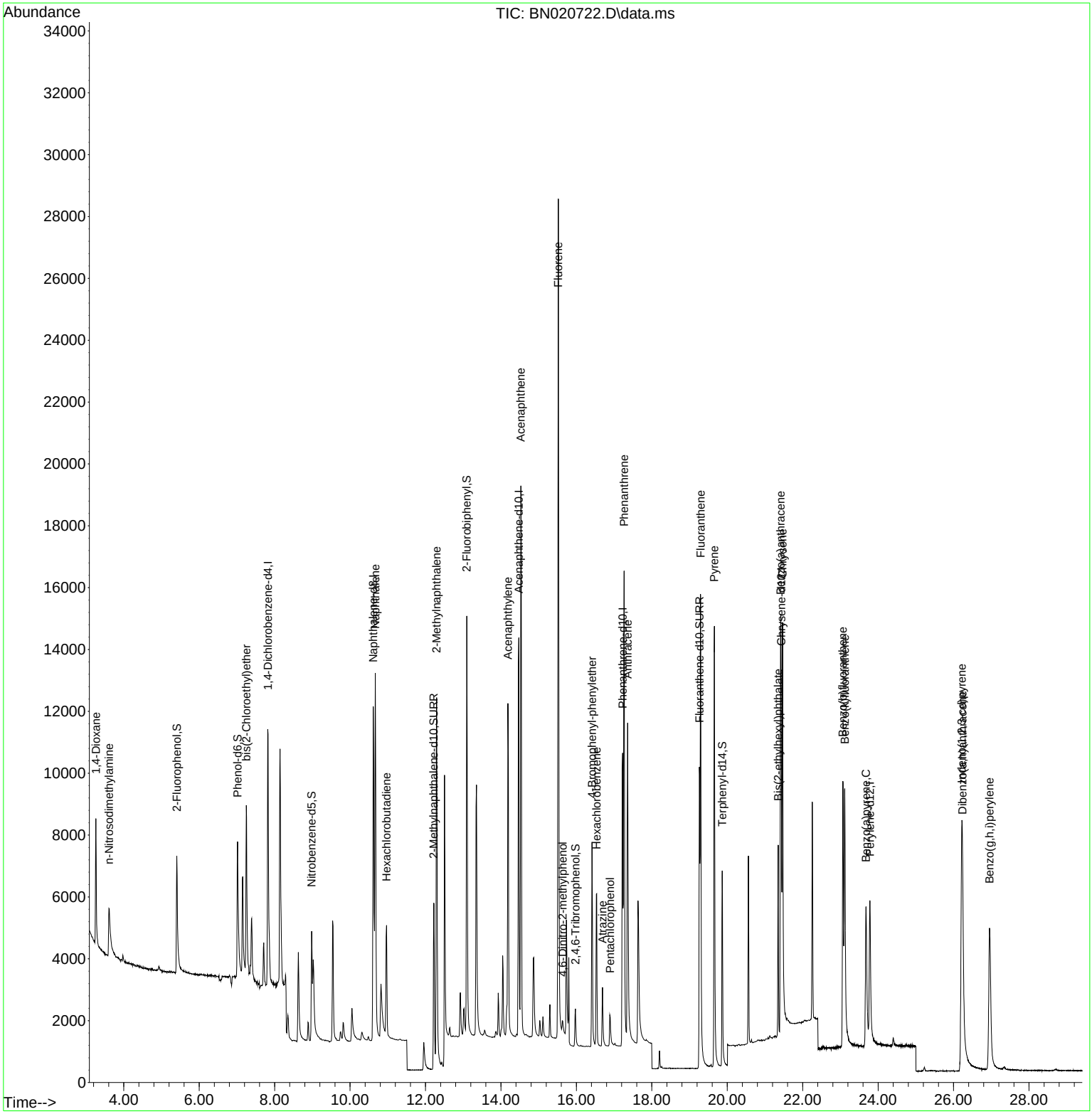
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.826	152	4766	0.400	ng		0.00
7) Naphthalene-d8	10.616	136	15814	0.400	ng		#-0.01
13) Acenaphthene-d10	14.474	164	8427	0.400	ng		0.00
19) Phenanthrene-d10	17.226	188	15474	0.400	ng		0.00
29) Chrysene-d12	21.431	240	9088	0.400	ng		# 0.00
35) Perylene-d12	23.782	264	8120	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.406	112	4225	0.319	ng		0.00
5) Phenol-d6	7.017	99	5297	0.335	ng		-0.01
8) Nitrobenzene-d5	8.982	82	3774	0.294	ng		-0.01
11) 2-Methylnaphthalene-d10	12.219	152	9059	0.334	ng		0.00
14) 2,4,6-Tribromophenol	15.974	330	768	0.242	ng		0.00
15) 2-Fluorobiphenyl	13.095	172	13042	0.375	ng		-0.01
27) Fluoranthene-d10	19.261	212	12621	0.275	ng		0.00
31) Terphenyl-d14	19.868	244	8729	0.402	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.261	88	2337	0.374	ng		98
3) n-Nitrosodimethylamine	3.608	42	1944	0.341	ng	#	98
6) bis(2-Chloroethyl)ether	7.248	93	4901	0.360	ng		97
9) Naphthalene	10.669	128	17236	0.365	ng		99
10) Hexachlorobutadiene	10.968	225	3040	0.353	ng	#	99
12) 2-Methylnaphthalene	12.295	142	10662	0.340	ng		99
16) Acenaphthylene	14.185	152	13424	0.331	ng		99
17) Acenaphthene	14.527	154	9764	0.354	ng		94
18) Fluorene	15.522	166	12027	0.334	ng		99
20) 4,6-Dinitro-2-methylph...	15.639	198	475	0.382	ng	#	66
21) 4-Bromophenyl-phenylether	16.415	248	3466	0.385	ng		96
22) Hexachlorobenzene	16.538	284	3964	0.398	ng		96
23) Atrazine	16.692	200	1994	0.281	ng		97
24) Pentachlorophenol	16.897	266	697	0.402	ng		96
25) Phenanthrene	17.267	178	18398	0.353	ng		100
26) Anthracene	17.359	178	13982	0.311	ng		100
28) Fluoranthene	19.295	202	15905	0.279	ng		100
30) Pyrene	19.657	202	15888	0.413	ng		100
32) Benzo(a)anthracene	21.413	228	10399	0.320	ng		99
33) Chrysene	21.467	228	13000	0.362	ng		98
34) Bis(2-ethylhexyl)phtha...	21.351	149	5687	0.311	ng		99
36) Indeno(1,2,3-cd)pyrene	26.217	276	13075	0.361	ng		100
37) Benzo(b)fluoranthene	23.065	252	11969	0.382	ng		96
38) Benzo(k)fluoranthene	23.115	252	12305	0.369	ng		96
39) Benzo(a)pyrene	23.679	252	9627	0.355	ng		92
40) Dibenzo(a,h)anthracene	26.240	278	10248	0.353	ng		96
41) Benzo(g,h,i)perylene	26.954	276	11603	0.366	ng		98

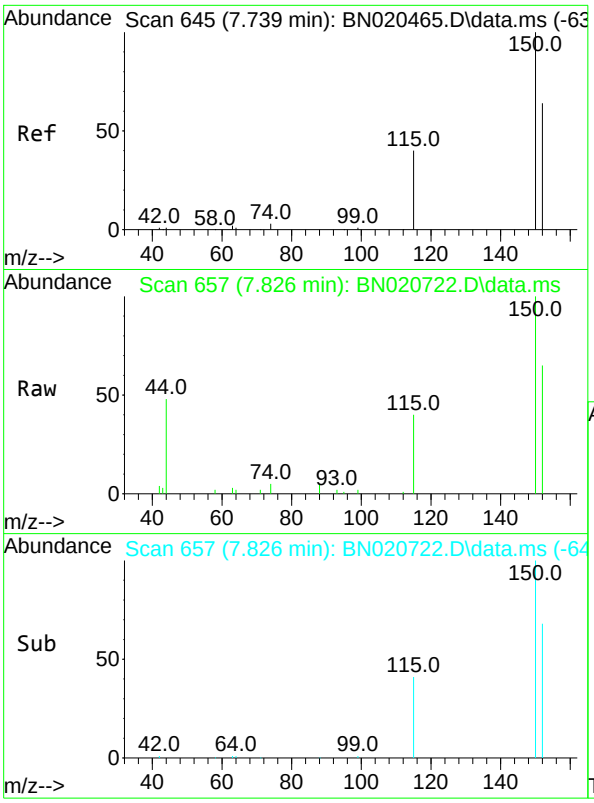
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071222\
Data File : BN020722.D
Acq On : 12 Jul 2022 20:18
Operator : CG/JU
Sample : PB146159BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB146159BSD

Quant Time: Jul 13 02:41:57 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



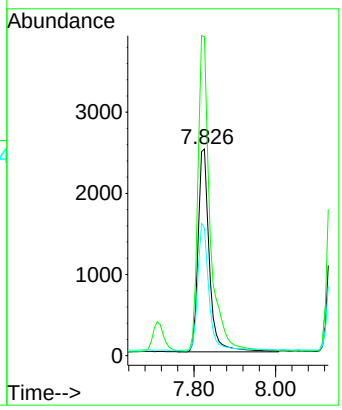


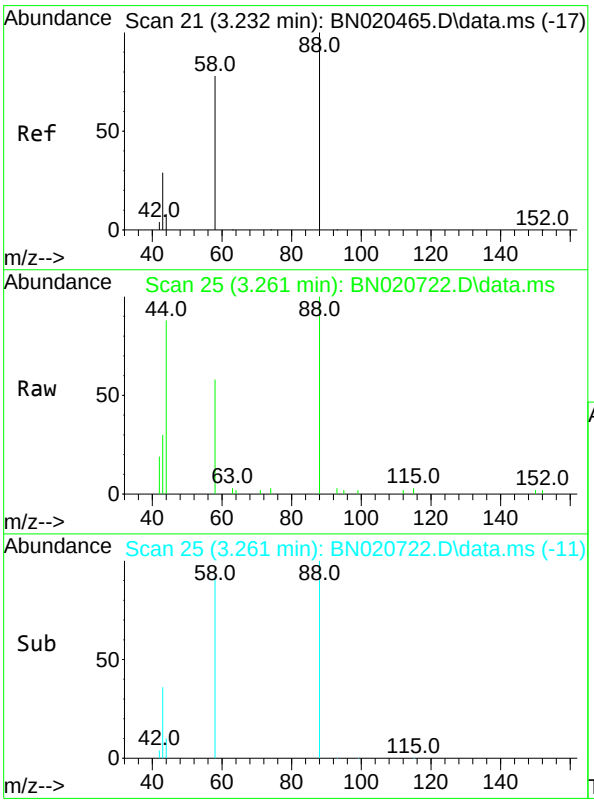
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.826 min Scan# 6
Delta R.T. 0.001 min
Lab File: BN020722.D
Acq: 12 Jul 2022 20:18

Instrument :
BNA_N
ClientSampleId :
PB146159BSD

Tgt Ion:152 Resp: 4766

Ion	Ratio	Lower	Upper
152	100		
150	154.4	127.9	191.9
115	61.8	51.4	77.2

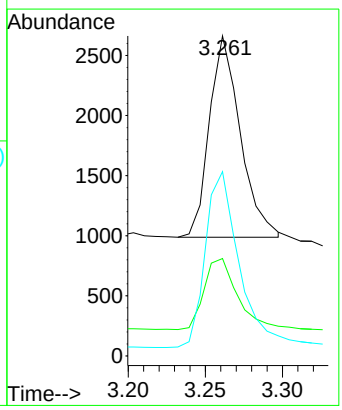


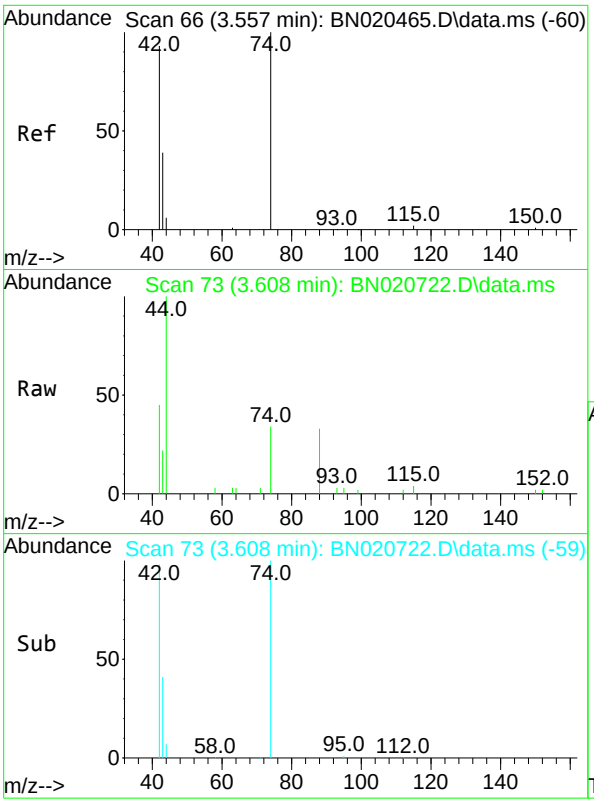


#2
1,4-Dioxane
Concen: 0.374 ng
RT: 3.261 min Scan# 25
Delta R.T. 0.000 min
Lab File: BN020722.D
Acq: 12 Jul 2022 20:18

Tgt Ion: 88 Resp: 2337

Ion	Ratio	Lower	Upper
88	100		
43	37.7	30.2	45.2
58	94.2	73.0	109.6



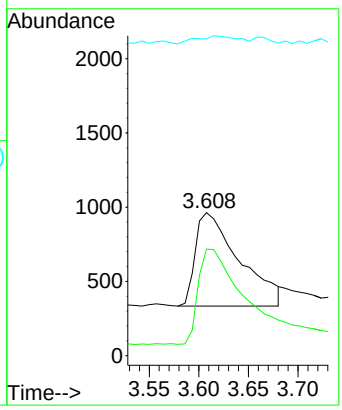


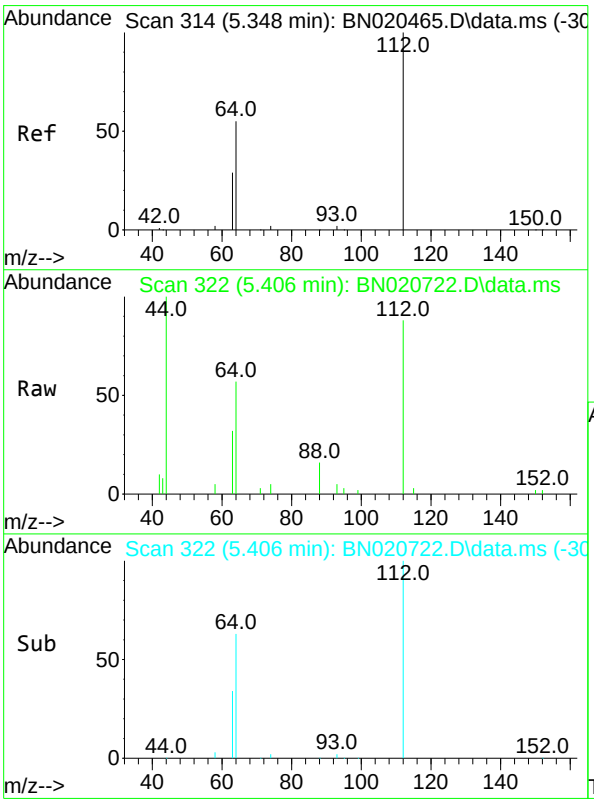
#3
n-Nitrosodimethylamine
Concen: 0.341 ng
RT: 3.608 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN020722.D
Acq: 12 Jul 2022 20:18

Instrument :
BNA_N
ClientSampleId :
PB146159BSD

Tgt Ion: 42 Resp: 1944

Ion	Ratio	Lower	Upper
42	100		
74	104.5	84.0	126.0
44	8.0	9.8	14.8#

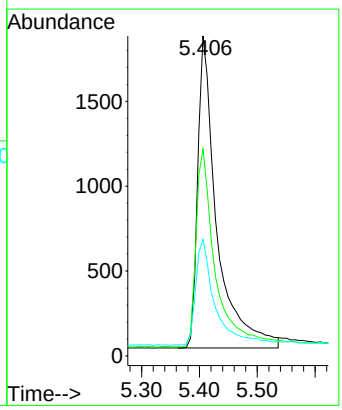


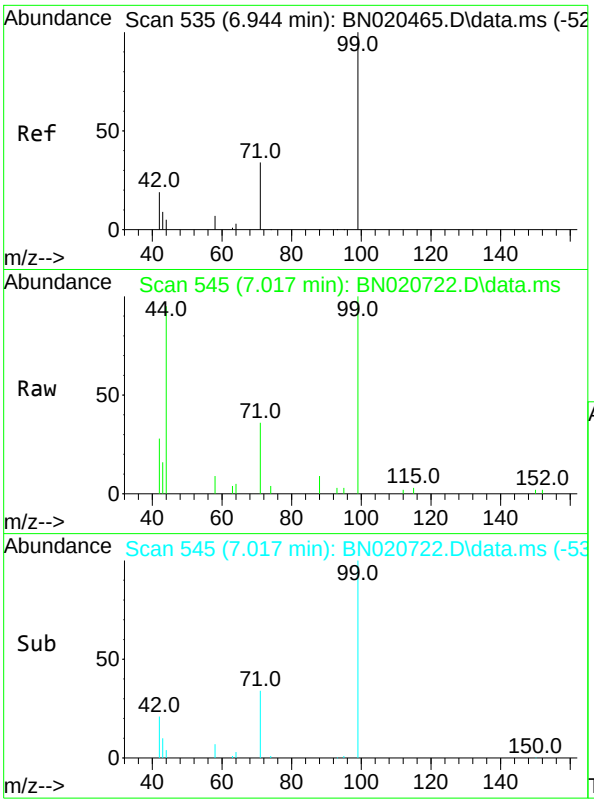


#4
2-Fluorophenol
Concen: 0.319 ng
RT: 5.406 min Scan# 322
Delta R.T. -0.007 min
Lab File: BN020722.D
Acq: 12 Jul 2022 20:18

Tgt Ion:112 Resp: 4225

Ion	Ratio	Lower	Upper
112	100		
64	64.4	49.1	73.7
63	34.5	26.3	39.5



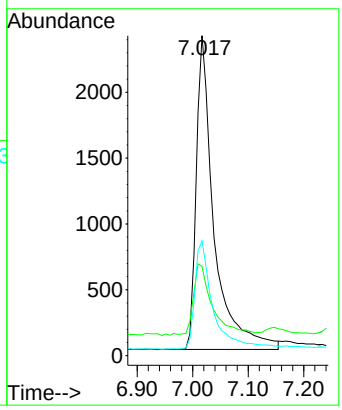


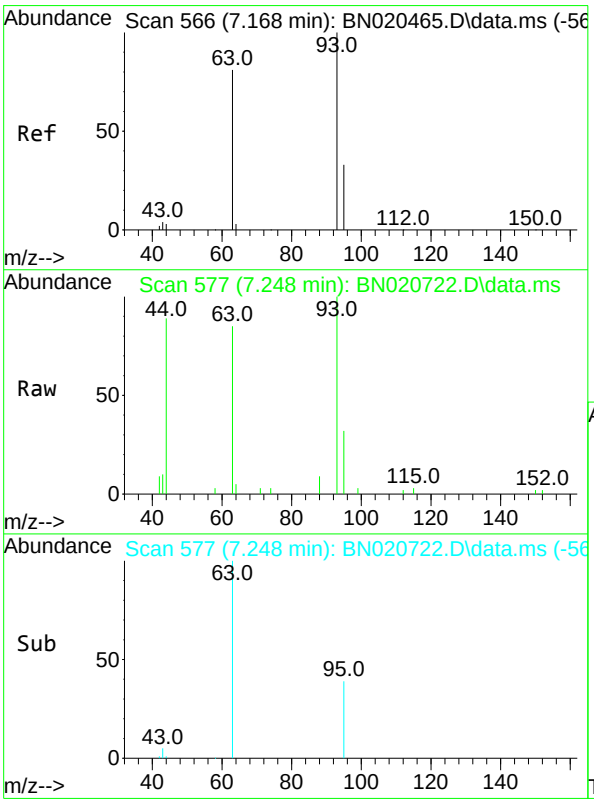
#5
Phenol-d6
Concen: 0.335 ng
RT: 7.017 min Scan# 54
Delta R.T. -0.014 min
Lab File: BN020722.D
Acq: 12 Jul 2022 20:18

Instrument :
BNA_N
ClientSampleId :
PB146159BSD

Tgt Ion: 99 Resp: 5297

Ion	Ratio	Lower	Upper
99	100		
42	25.1	19.3	28.9
71	35.8	27.5	41.3

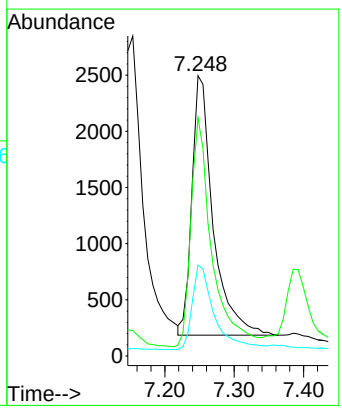


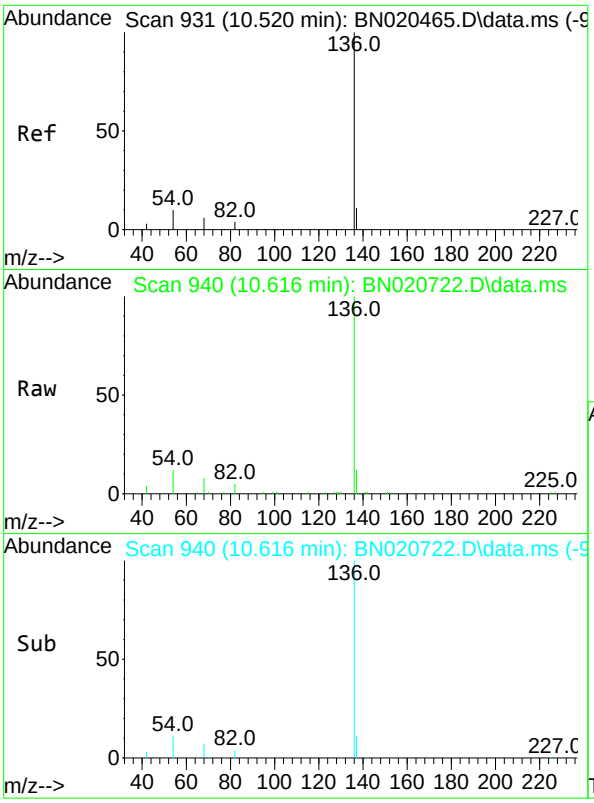


#6
bis(2-Chloroethyl)ether
Concen: 0.360 ng
RT: 7.248 min Scan# 577
Delta R.T. -0.007 min
Lab File: BN020722.D
Acq: 12 Jul 2022 20:18

Tgt Ion: 93 Resp: 4901

Ion	Ratio	Lower	Upper
93	100		
63	87.4	67.4	101.0
95	33.7	26.5	39.7



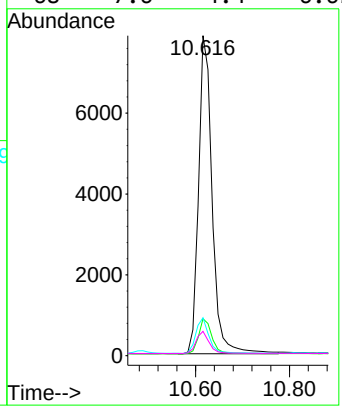


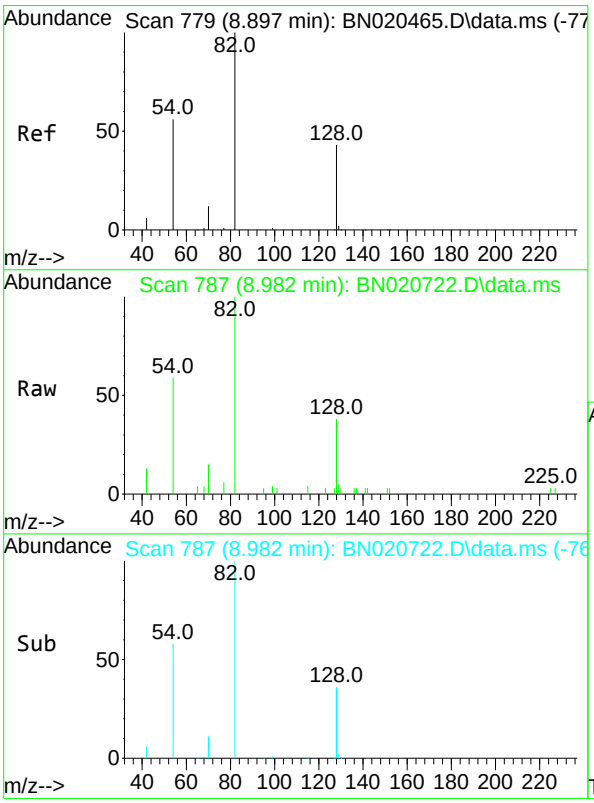
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.616 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN020722.D
Acq: 12 Jul 2022 20:18

Instrument :
BNA_N
ClientSampleId :
PB146159BSD

Tgt Ion:136 Resp: 15814

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	11.8	6.2	9.2#
68	7.6	4.4	6.6#

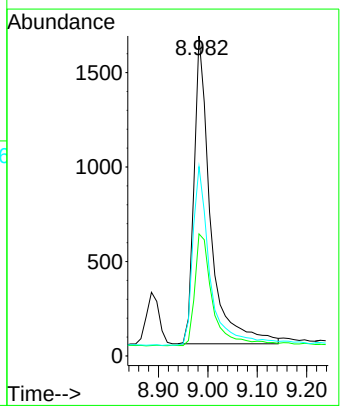


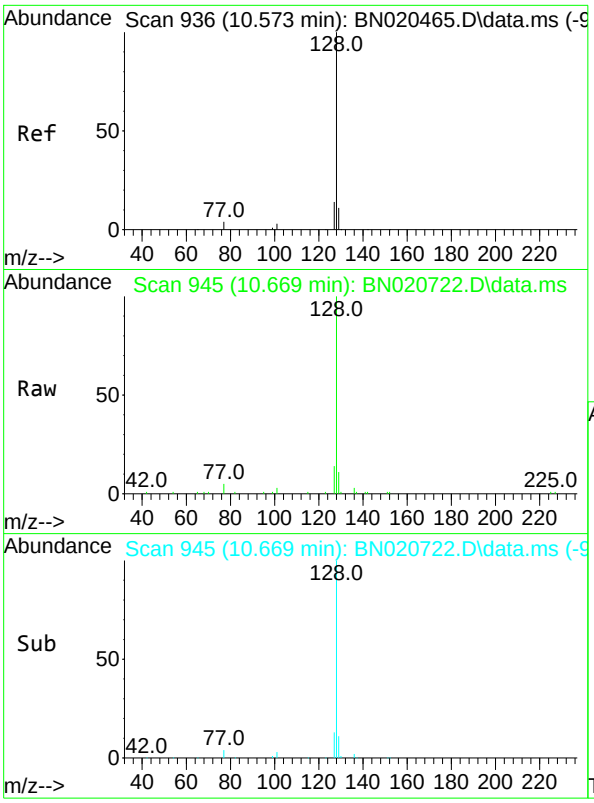


#8
Nitrobenzene-d5
Concen: 0.294 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN020722.D
Acq: 12 Jul 2022 20:18

Tgt Ion: 82 Resp: 3774

Ion	Ratio	Lower	Upper
82	100		
128	38.1	35.0	52.6
54	59.2	46.2	69.4



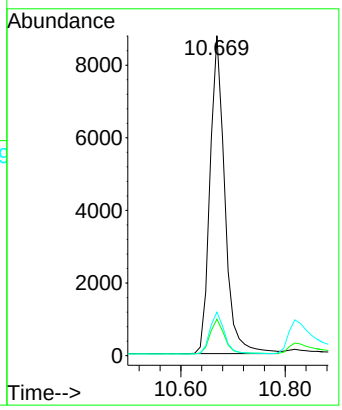


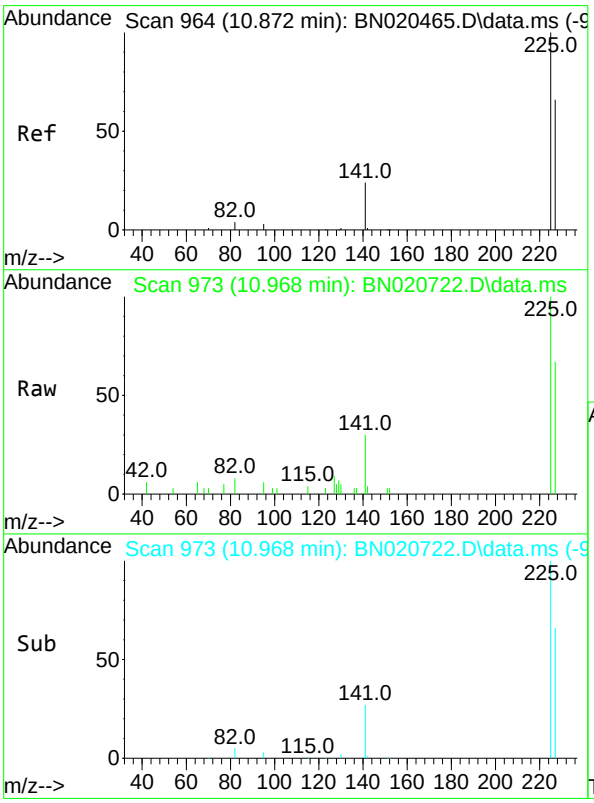
#9
Naphthalene
Concen: 0.365 ng
RT: 10.669 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN020722.D
Acq: 12 Jul 2022 20:18

Instrument :
BNA_N
ClientSampleId :
PB146159BSD

Tgt Ion:128 Resp: 17236

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

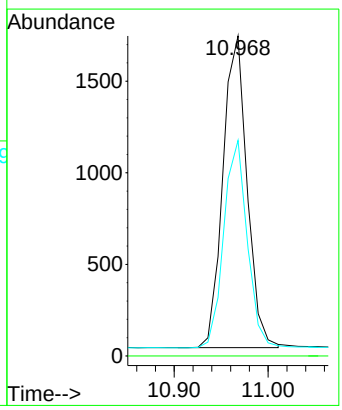


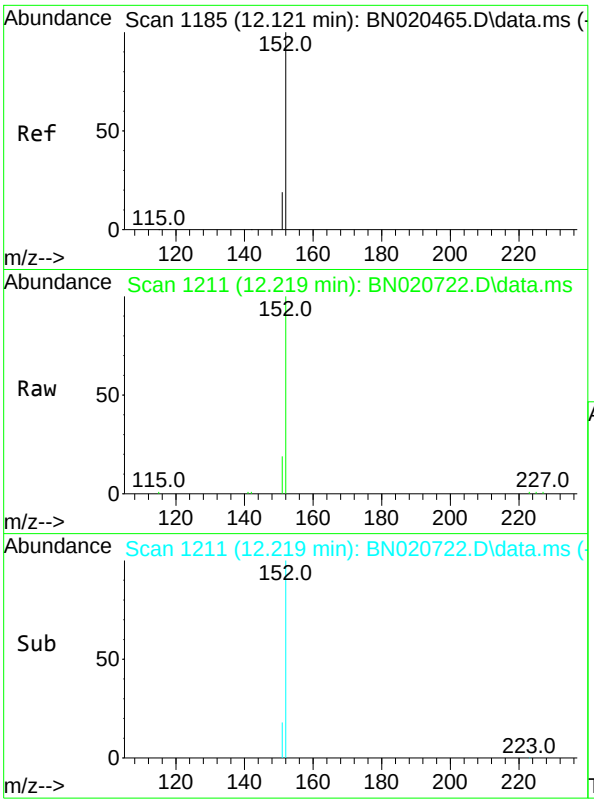


#10
Hexachlorobutadiene
Concen: 0.353 ng
RT: 10.968 min Scan# 973
Delta R.T. 0.000 min
Lab File: BN020722.D
Acq: 12 Jul 2022 20:18

Tgt Ion:225 Resp: 3040

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



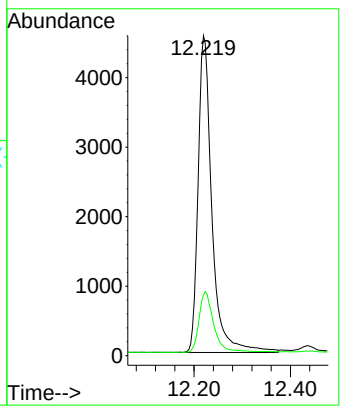


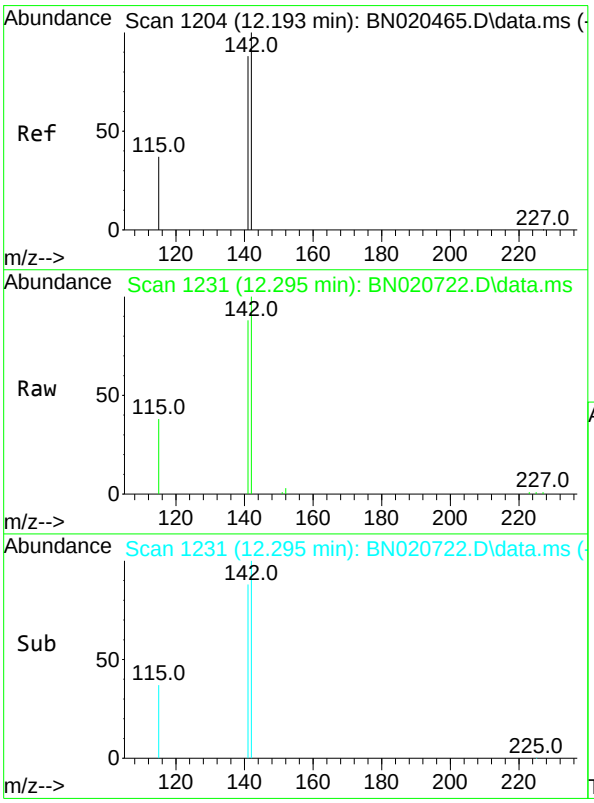
#11
2-Methylnaphthalene-d10
Concen: 0.334 ng
RT: 12.219 min Scan# 1
Delta R.T. -0.007 min
Lab File: BN020722.D
Acq: 12 Jul 2022 20:18

Instrument :
BNA_N
ClientSampleId :
PB146159BSD

Tgt Ion:152 Resp: 9059

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.4

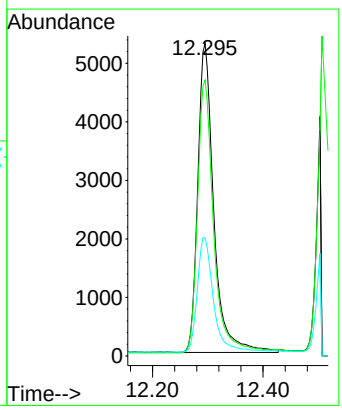


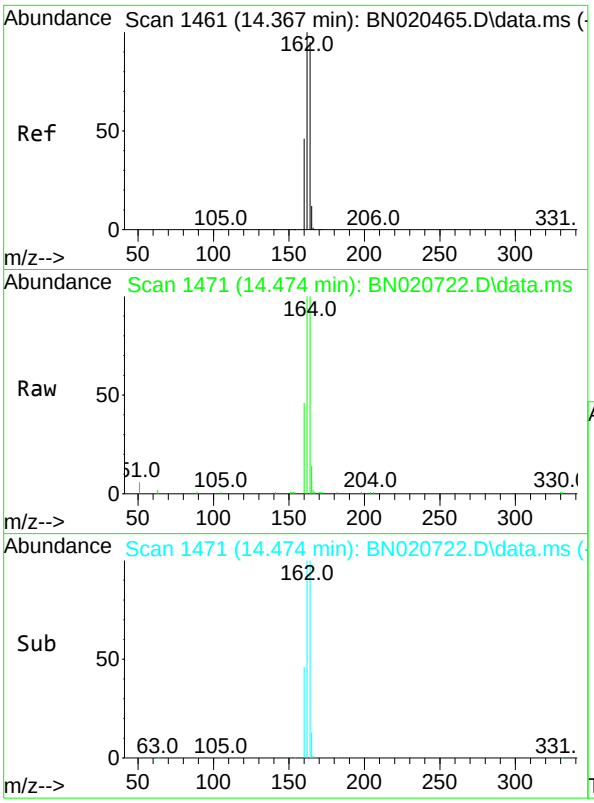


#12
2-Methylnaphthalene
Concen: 0.340 ng
RT: 12.295 min Scan# 1231
Delta R.T. -0.004 min
Lab File: BN020722.D
Acq: 12 Jul 2022 20:18

Tgt Ion:142 Resp: 10662

Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.6	107.4
115	37.8	29.8	44.8



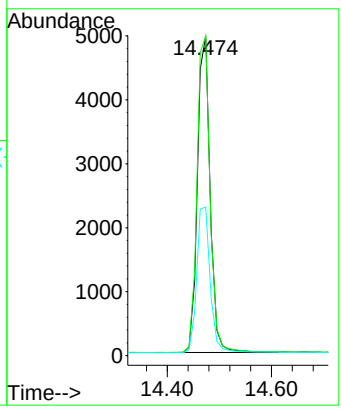


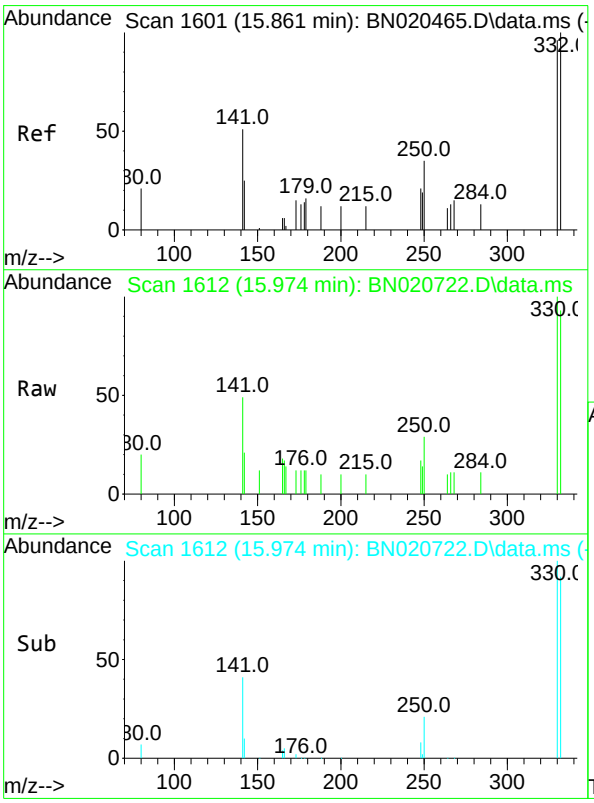
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN020722.D
Acq: 12 Jul 2022 20:18

Instrument :
BNA_N
ClientSampleId :
PB146159BSD

Tgt Ion:164 Resp: 8427

Ion	Ratio	Lower	Upper
164	100		
162	100.2	82.1	123.1
160	46.5	38.6	58.0

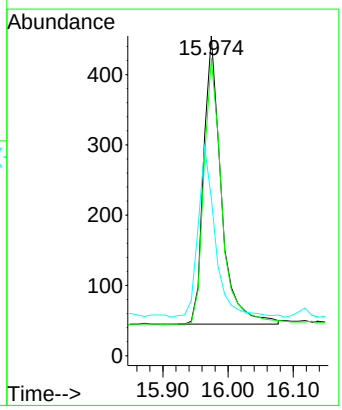


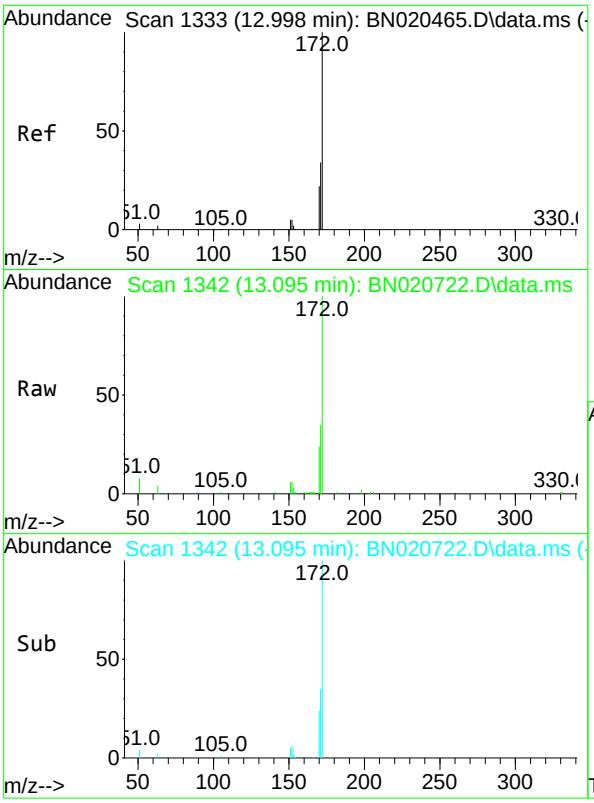


#14
2,4,6-Tribromophenol
Concen: 0.242 ng
RT: 15.974 min Scan# 1612
Delta R.T. 0.000 min
Lab File: BN020722.D
Acq: 12 Jul 2022 20:18

Tgt Ion:330 Resp: 768

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.6	116.4
141	58.2	41.0	61.4



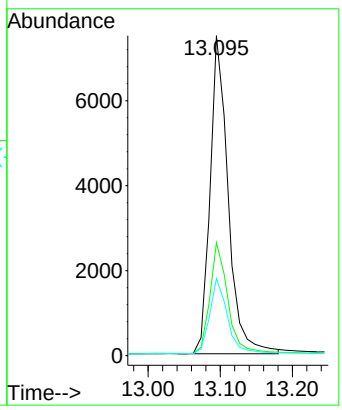


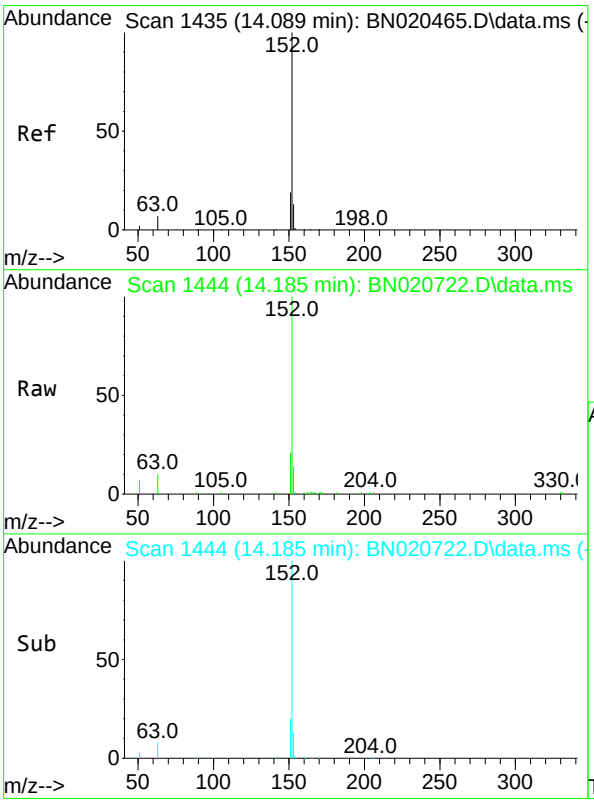
#15
2-Fluorobiphenyl
Concen: 0.375 ng
RT: 13.095 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN020722.D
Acq: 12 Jul 2022 20:18

Instrument :
BNA_N
ClientSampleId :
PB146159BSD

Tgt Ion:172 Resp: 13042

Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.2	40.8
170	24.1	18.2	27.4

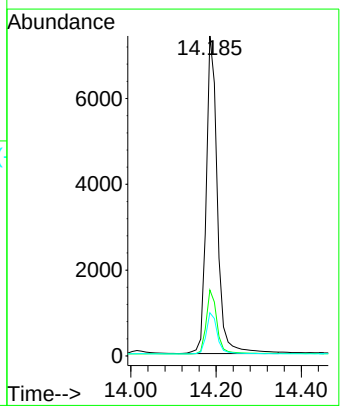


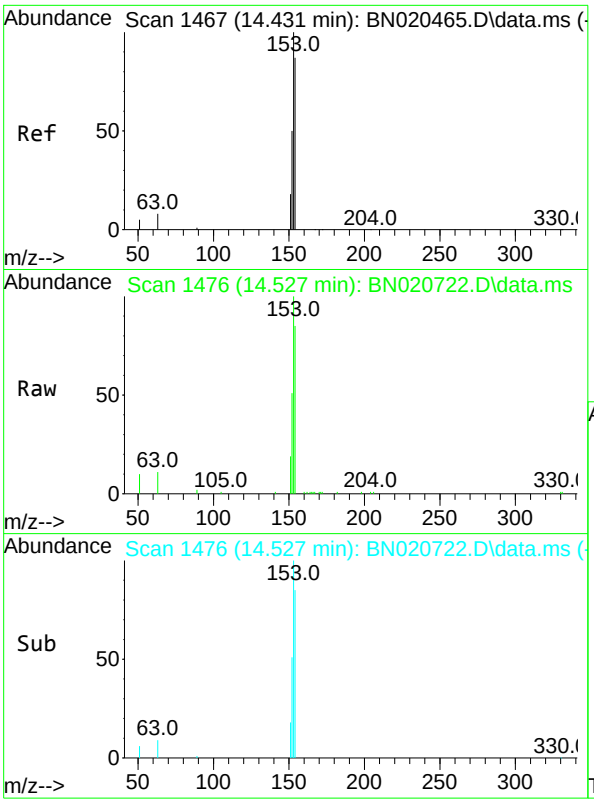


#16
Acenaphthylene
Concen: 0.331 ng
RT: 14.185 min Scan# 1444
Delta R.T. -0.011 min
Lab File: BN020722.D
Acq: 12 Jul 2022 20:18

Tgt Ion:152 Resp: 13424

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.2	24.4
153	12.9	10.7	16.1



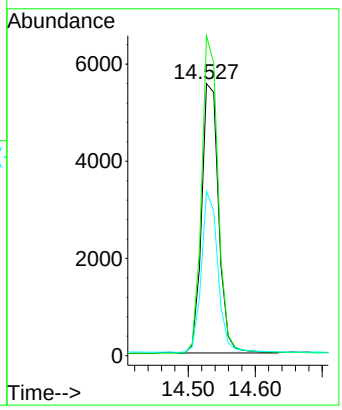


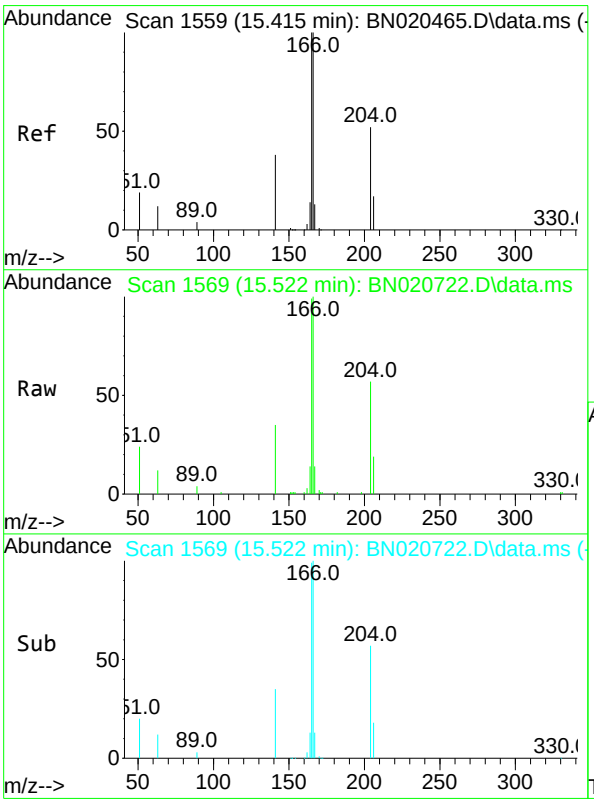
#17
Acenaphthene
Concen: 0.354 ng
RT: 14.527 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN020722.D
Acq: 12 Jul 2022 20:18

Instrument :
BNA_N
ClientSampleId :
PB146159BSD

Tgt Ion:154 Resp: 9764

Ion	Ratio	Lower	Upper
154	100		
153	115.8	87.5	131.3
152	58.2	43.8	65.6

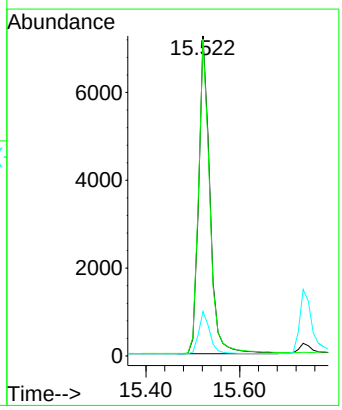


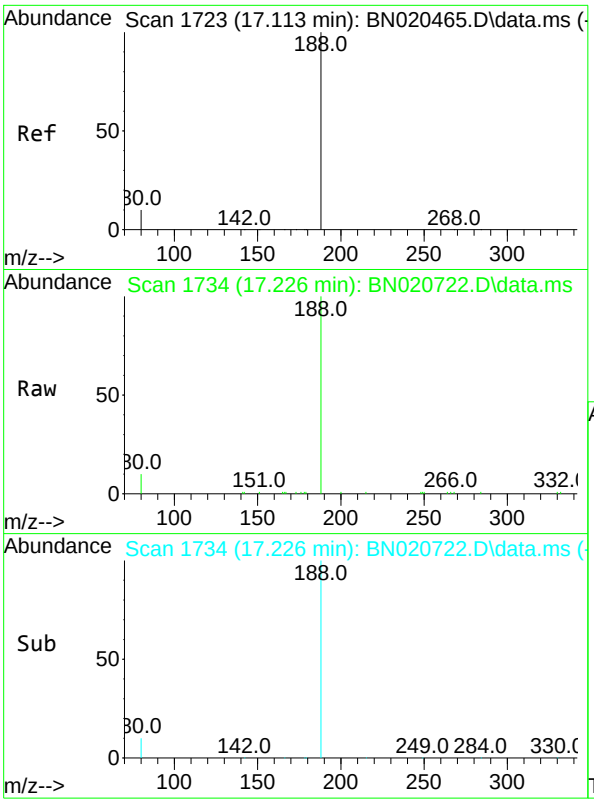


#18
Fluorene
Concen: 0.334 ng
RT: 15.522 min Scan# 1569
Delta R.T. -0.011 min
Lab File: BN020722.D
Acq: 12 Jul 2022 20:18

Tgt Ion:166 Resp: 12027

Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.6	118.0
167	13.5	10.8	16.2



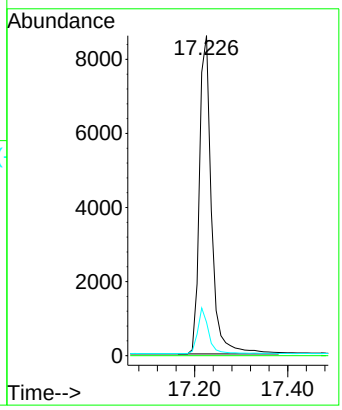


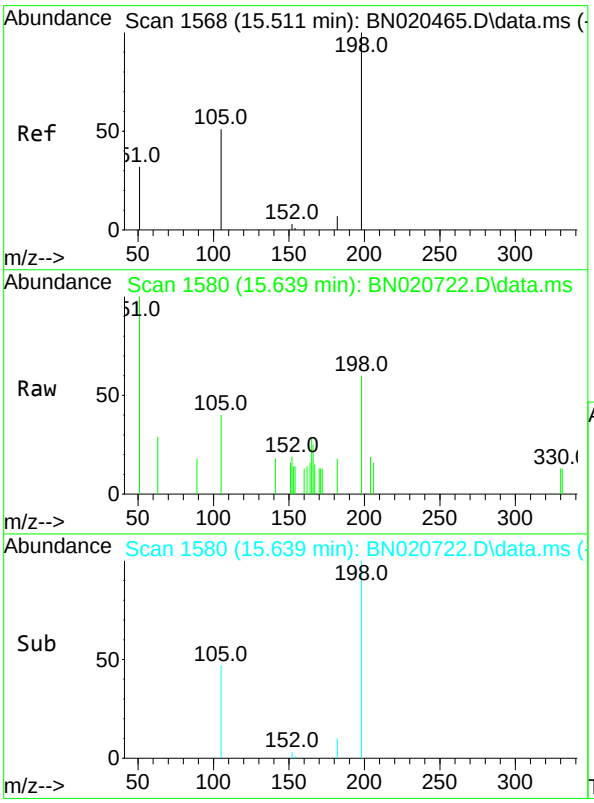
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.226 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN020722.D
Acq: 12 Jul 2022 20:18

Instrument :
BNA_N
ClientSampleId :
PB146159BSD

Tgt Ion:188 Resp: 15474

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.5	7.4	11.2

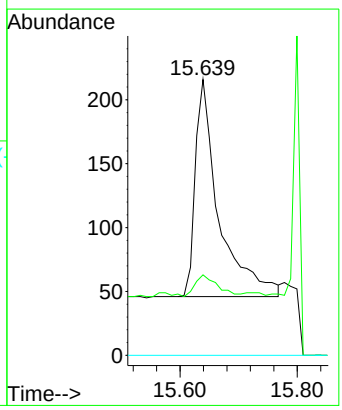


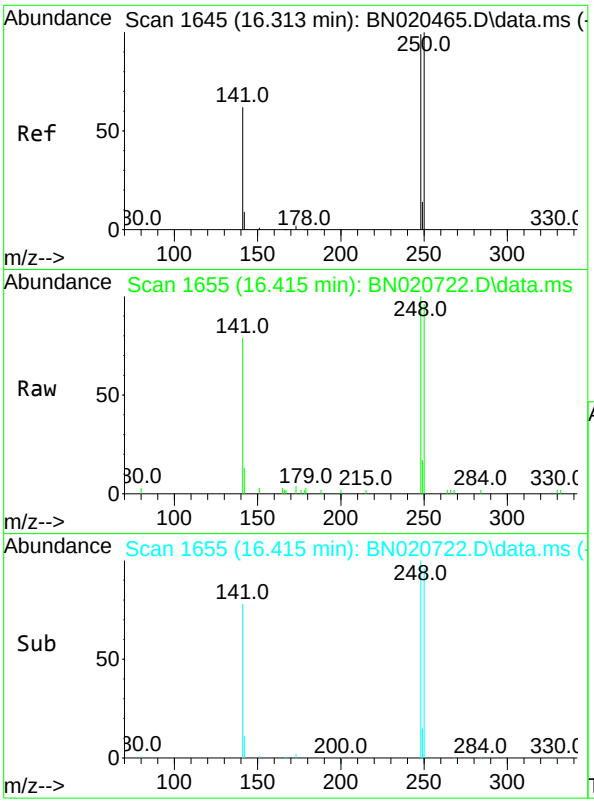


#20
4,6-Dinitro-2-methylphenol
Concen: 0.382 ng
RT: 15.639 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BN020722.D
Acq: 12 Jul 2022 20:18

Tgt Ion:198 Resp: 475

Ion	Ratio	Lower	Upper
198	100		
182	29.2	12.1	18.1#
77	0.0	0.0	0.0



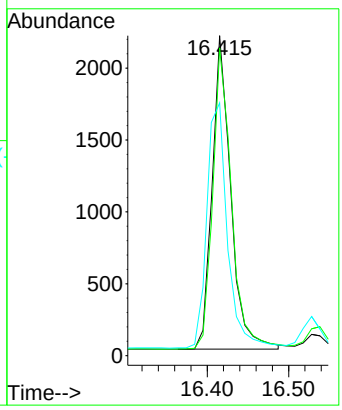


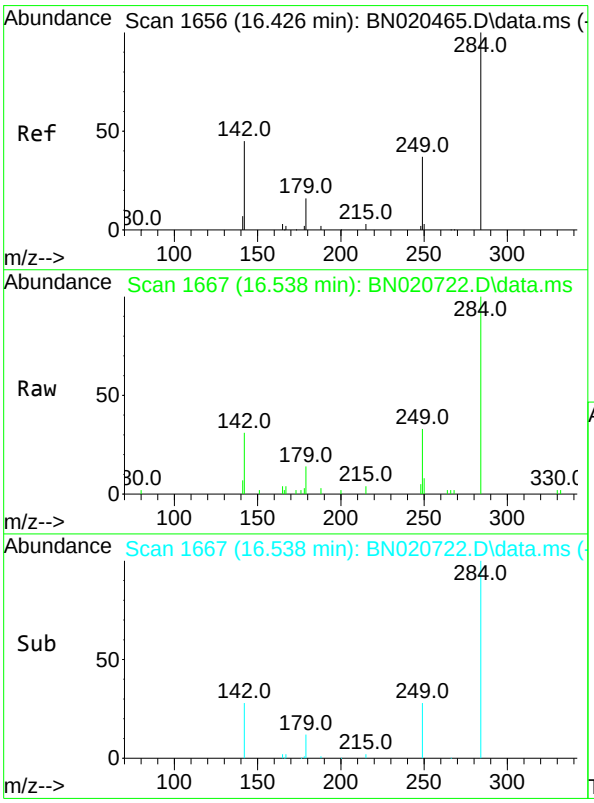
#21
4-Bromophenyl-phenylether
Concen: 0.385 ng
RT: 16.415 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN020722.D
Acq: 12 Jul 2022 20:18

Instrument :
BNA_N
ClientSampleId :
PB146159BSD

Tgt Ion:248 Resp: 3466

Ion	Ratio	Lower	Upper
248	100		
250	96.2	75.3	112.9
141	79.0	67.3	100.9

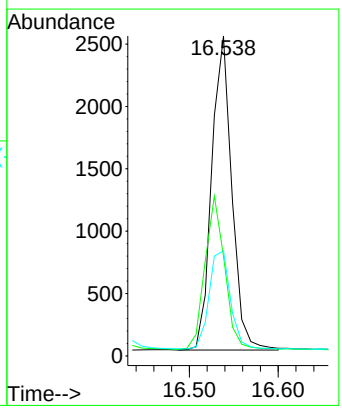


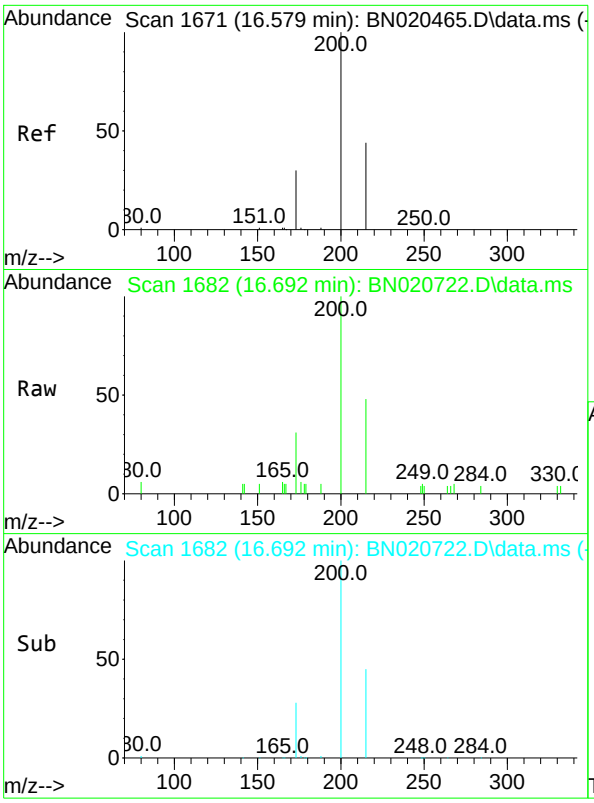


#22
Hexachlorobenzene
Concen: 0.398 ng
RT: 16.538 min Scan# 1667
Delta R.T. 0.000 min
Lab File: BN020722.D
Acq: 12 Jul 2022 20:18

Tgt Ion:284 Resp: 3964

Ion	Ratio	Lower	Upper
284	100		
142	47.7	35.2	52.8
249	32.9	26.6	40.0



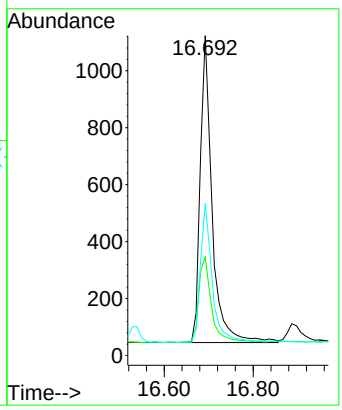


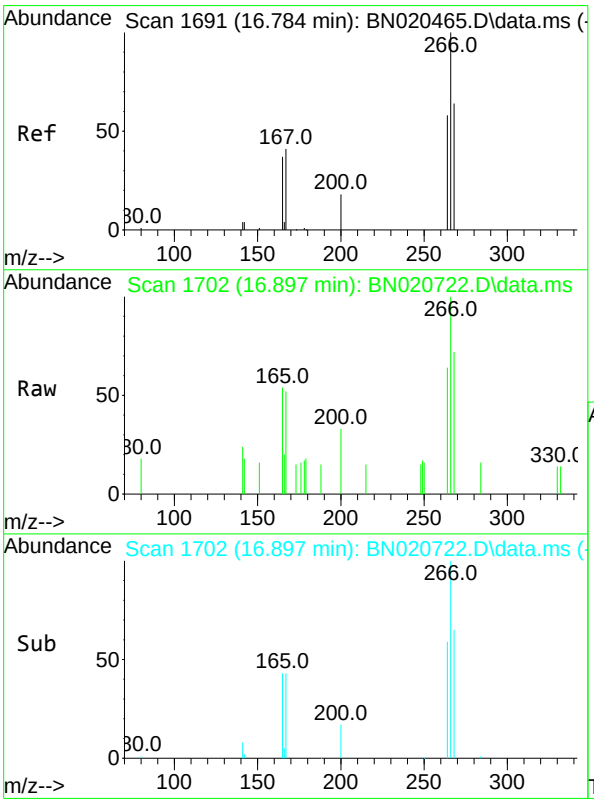
#23
Atrazine
Concen: 0.281 ng
RT: 16.692 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN020722.D
Acq: 12 Jul 2022 20:18

Instrument :
BNA_N
ClientSampleId :
PB146159BSD

Tgt Ion:200 Resp: 1994

Ion	Ratio	Lower	Upper
200	100		
173	30.8	23.6	35.4
215	47.6	36.6	54.8

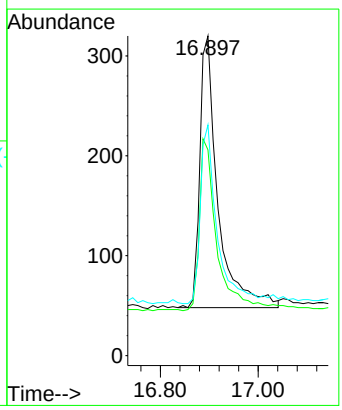


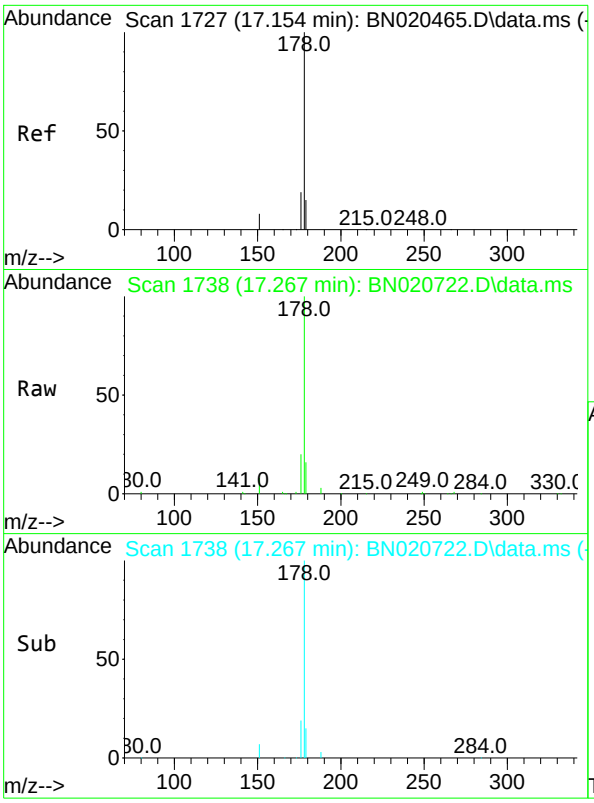


#24
Pentachlorophenol
Concen: 0.402 ng
RT: 16.897 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BN020722.D
Acq: 12 Jul 2022 20:18

Tgt Ion:266 Resp: 697

Ion	Ratio	Lower	Upper
266	100		
264	61.8	51.3	76.9
268	62.3	52.6	79.0



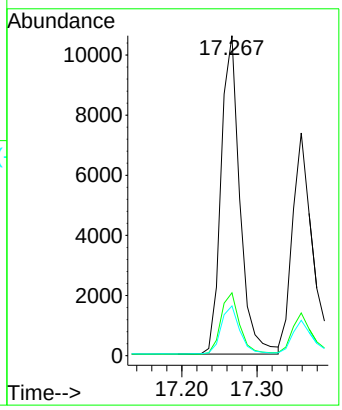


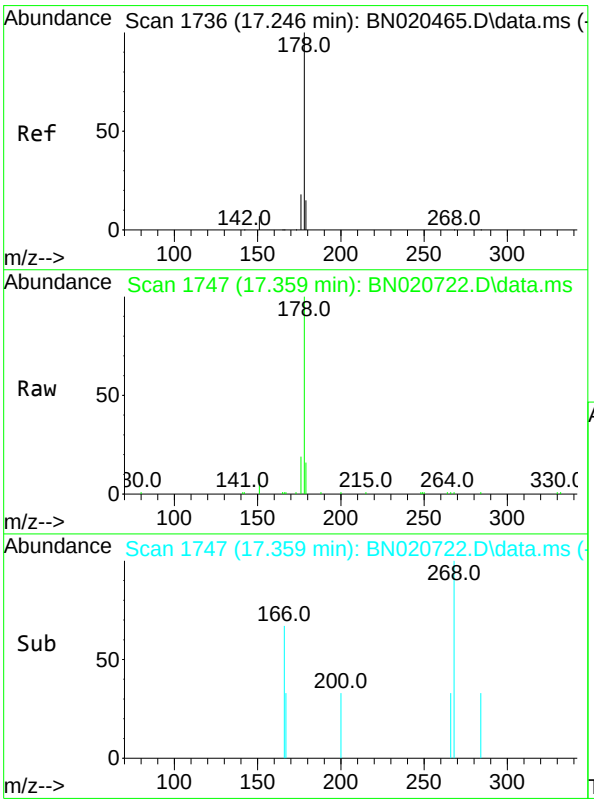
#25
Phenanthrene
Concen: 0.353 ng
RT: 17.267 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN020722.D
Acq: 12 Jul 2022 20:18

Instrument :
BNA_N
ClientSampleId :
PB146159BSD

Tgt Ion:178 Resp: 18398

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.1	12.2	18.4

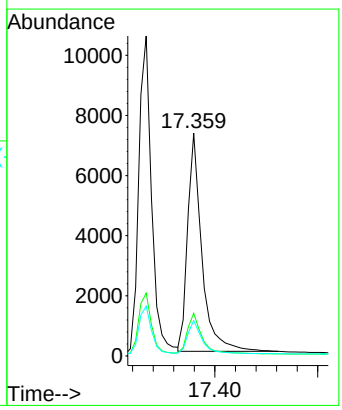


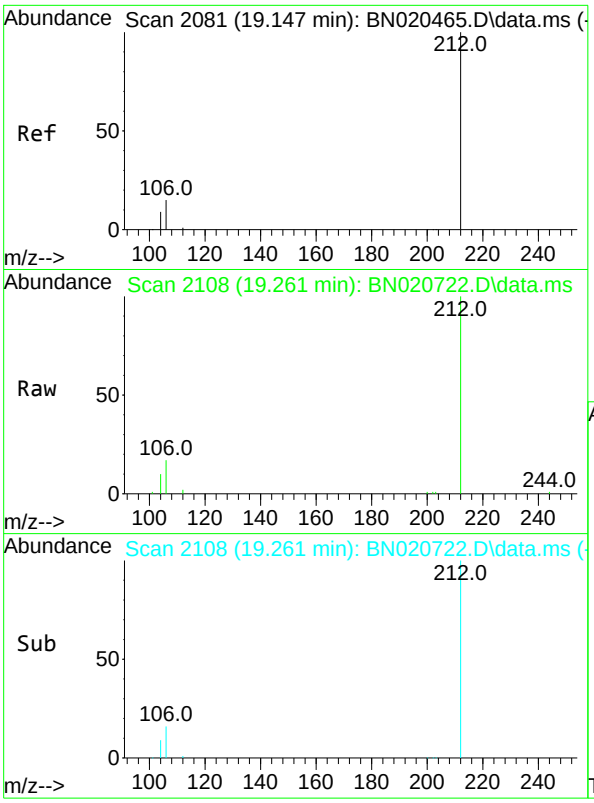


#26
Anthracene
Concen: 0.311 ng
RT: 17.359 min Scan# 1747
Delta R.T. 0.000 min
Lab File: BN020722.D
Acq: 12 Jul 2022 20:18

Tgt Ion:178 Resp: 13982

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.5	12.2	18.4



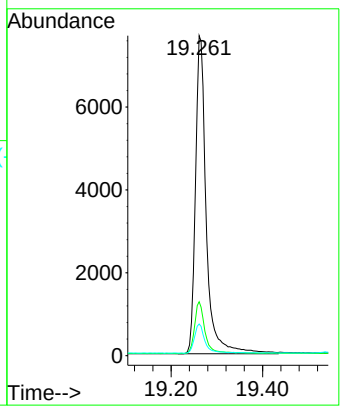


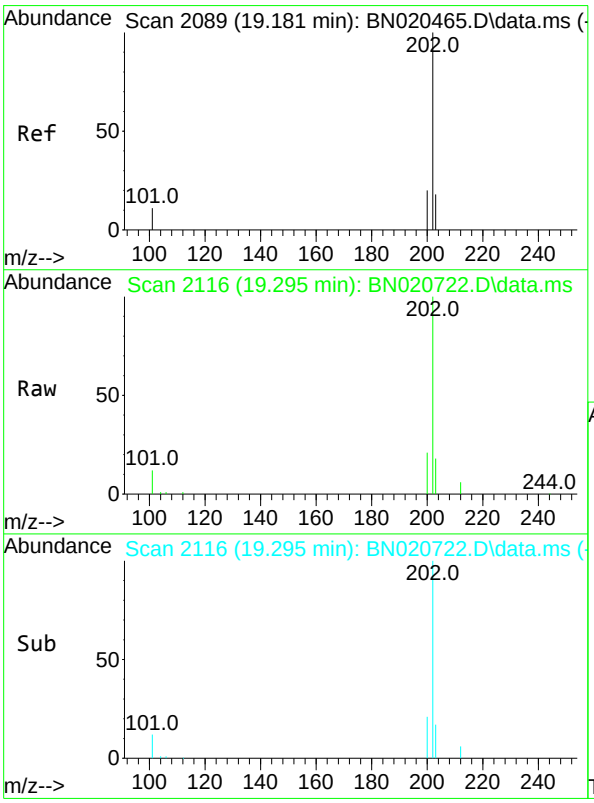
#27
Fluoranthene-d10
Concen: 0.275 ng
RT: 19.261 min Scan# 21
Delta R.T. -0.008 min
Lab File: BN020722.D
Acq: 12 Jul 2022 20:18

Instrument :
BNA_N
ClientSampleId :
PB146159BSD

Tgt Ion:212 Resp: 12621

Ion	Ratio	Lower	Upper
212	100		
106	15.5	12.6	19.0
104	8.8	7.2	10.8

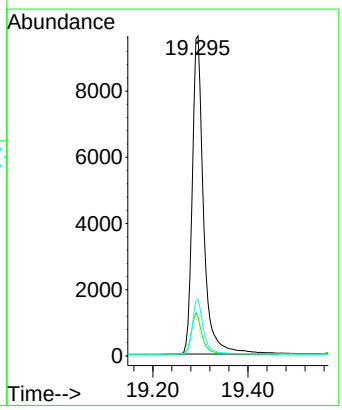


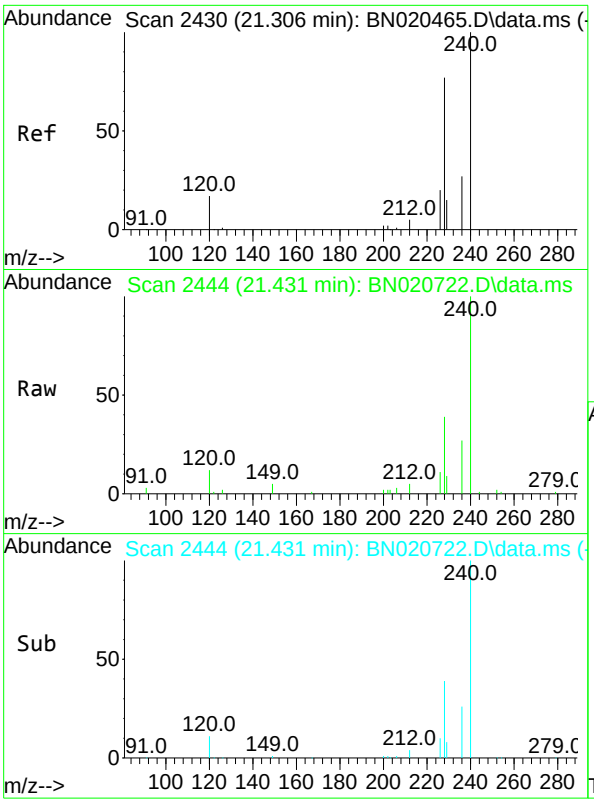


#28
Fluoranthene
Concen: 0.279 ng
RT: 19.295 min Scan# 2116
Delta R.T. -0.004 min
Lab File: BN020722.D
Acq: 12 Jul 2022 20:18

Tgt Ion:202 Resp: 15905

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.6	14.4
203	16.9	13.5	20.3



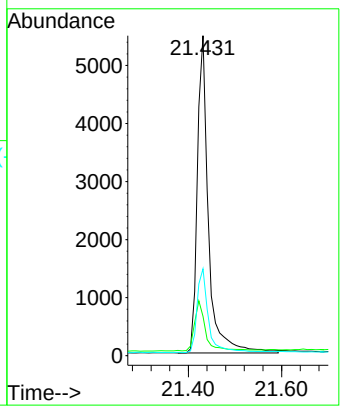


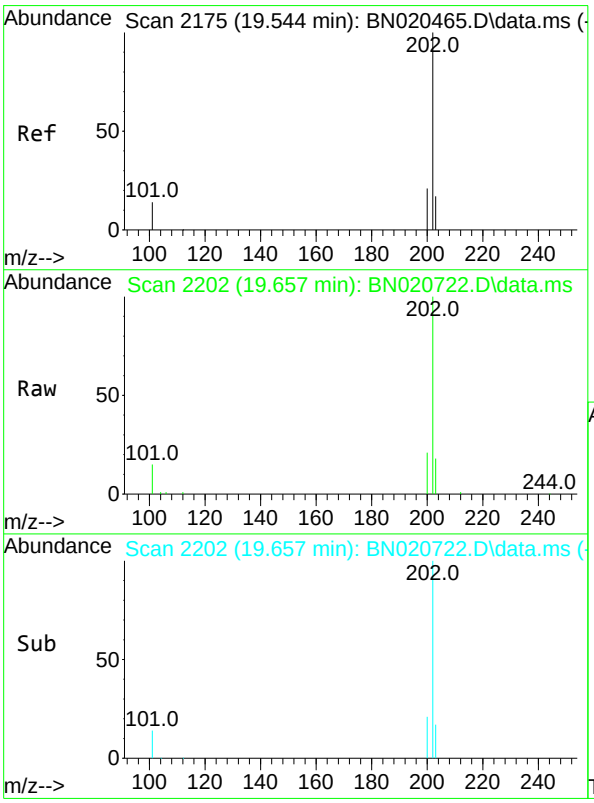
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.431 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN020722.D
Acq: 12 Jul 2022 20:18

Instrument :
BNA_N
ClientSampleId :
PB146159BSD

Tgt Ion:240 Resp: 9088

Ion	Ratio	Lower	Upper
240	100		
120	12.3	14.6	21.8#
236	27.1	22.6	33.8

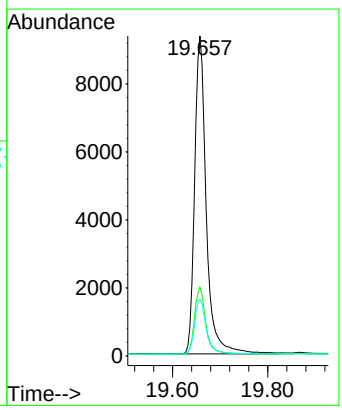


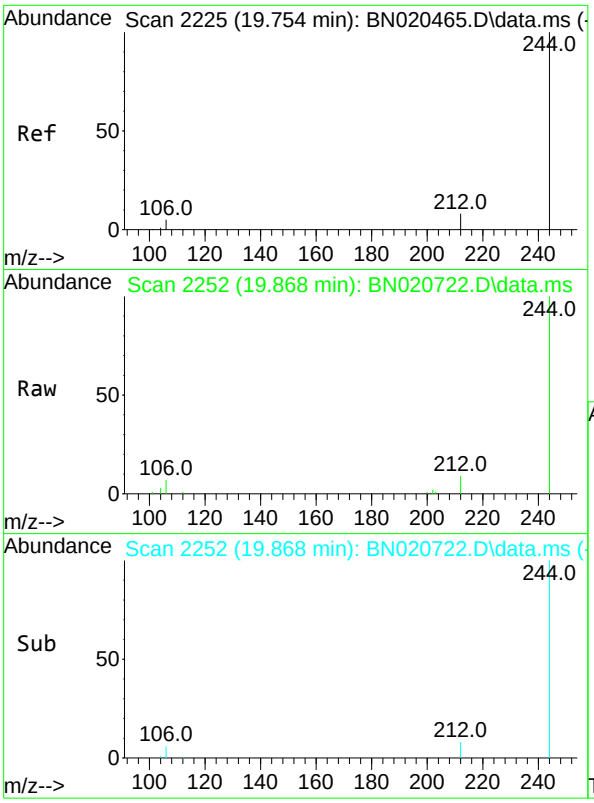


#30
Pyrene
Concen: 0.413 ng
RT: 19.657 min Scan# 2202
Delta R.T. -0.004 min
Lab File: BN020722.D
Acq: 12 Jul 2022 20:18

Tgt Ion:202 Resp: 15888

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	17.7	14.2	21.2



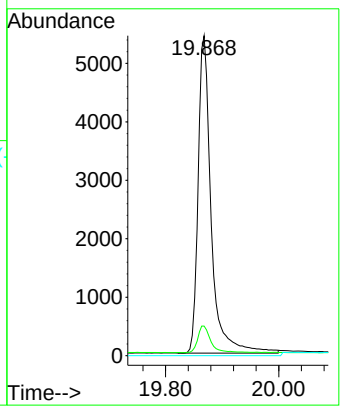


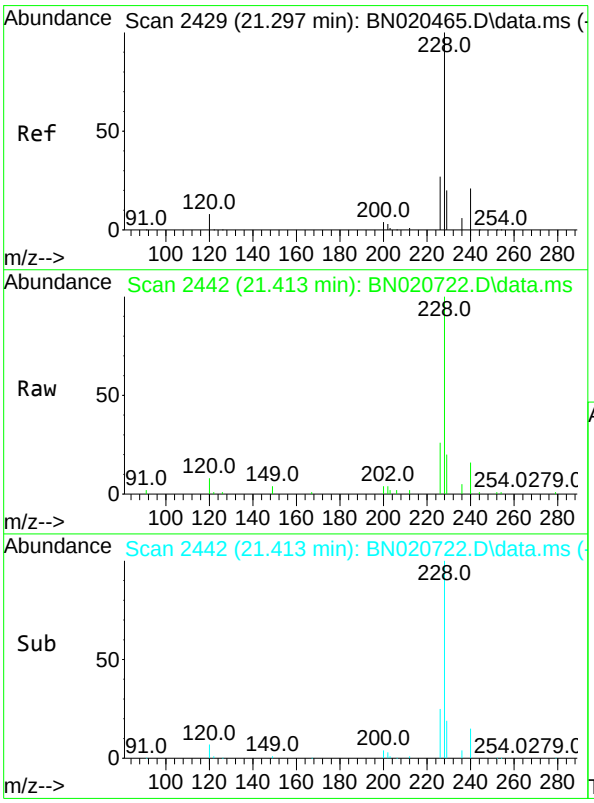
#31
Terphenyl-d14
Concen: 0.402 ng
RT: 19.868 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN020722.D
Acq: 12 Jul 2022 20:18

Instrument :
BNA_N
ClientSampleId :
PB146159BSD

Tgt Ion:244 Resp: 8729

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.1	10.7
122	0.0	0.0	0.0

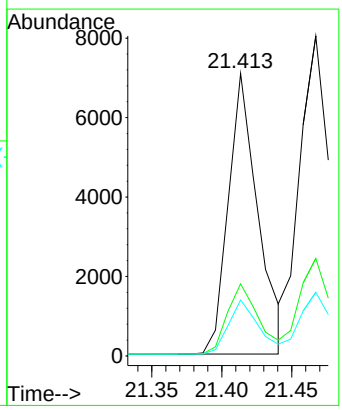


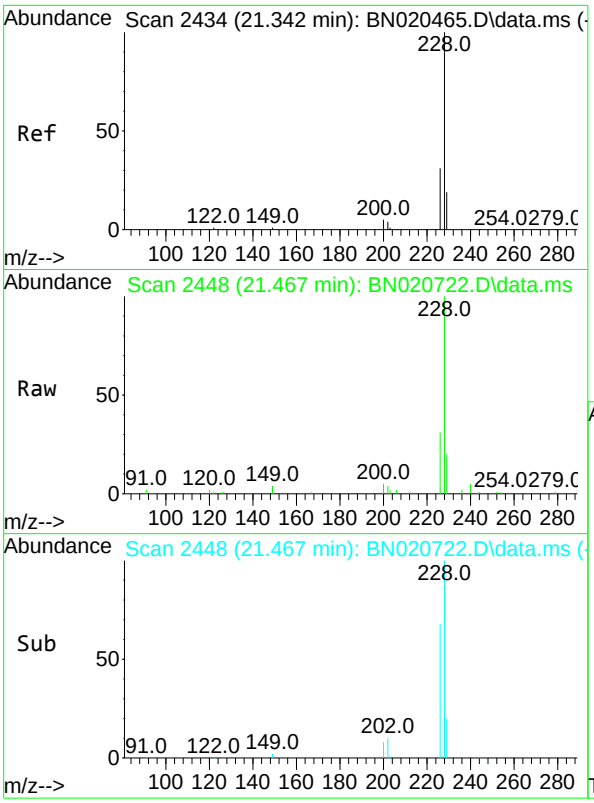


#32
Benzo(a)anthracene
Concen: 0.320 ng
RT: 21.413 min Scan# 2442
Delta R.T. -0.009 min
Lab File: BN020722.D
Acq: 12 Jul 2022 20:18

Tgt Ion:228 Resp: 10399

Ion	Ratio	Lower	Upper
228	100		
226	25.5	21.2	31.8
229	19.8	15.6	23.4



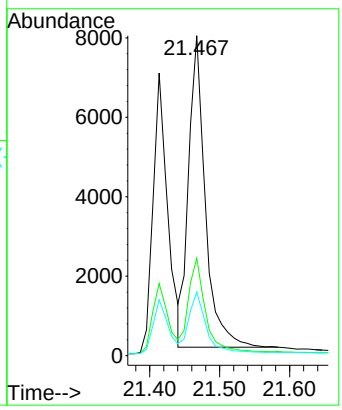


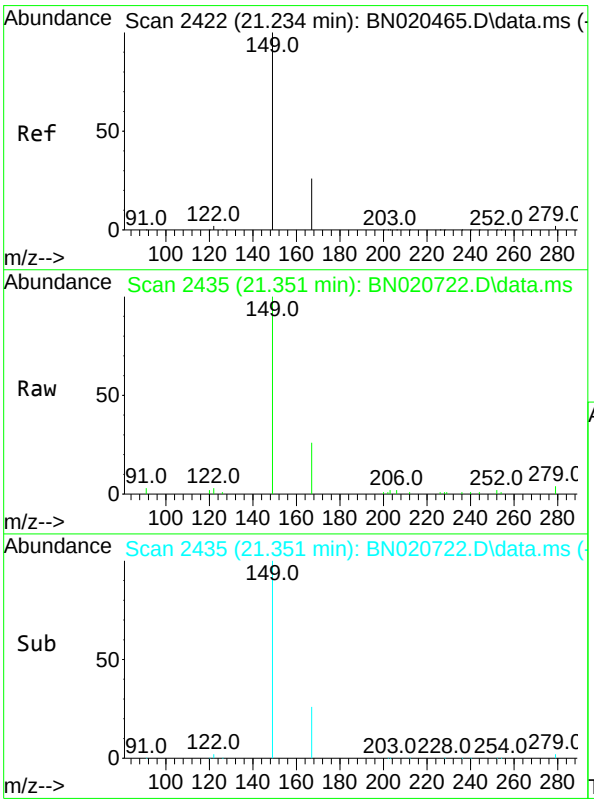
#33
Chrysene
Concen: 0.362 ng
RT: 21.467 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN020722.D
Acq: 12 Jul 2022 20:18

Instrument :
BNA_N
ClientSampleId :
PB146159BSD

Tgt Ion:228 Resp: 13000

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.4	35.0
229	19.9	15.7	23.5

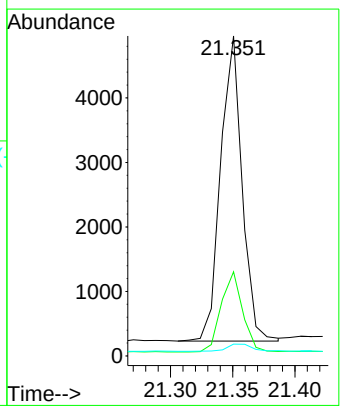


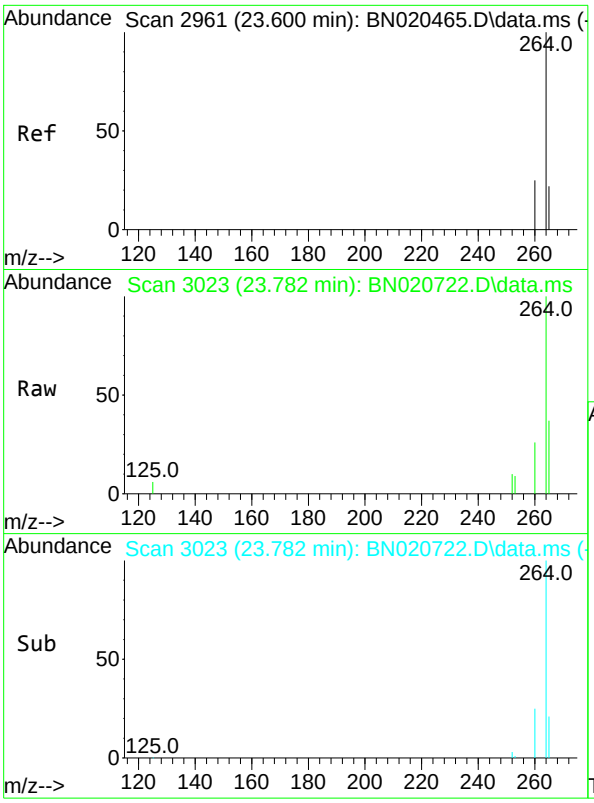


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.311 ng
RT: 21.351 min Scan# 2435
Delta R.T. 0.000 min
Lab File: BN020722.D
Acq: 12 Jul 2022 20:18

Tgt Ion:149 Resp: 5687

Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.7	32.5
279	2.8	2.2	3.2



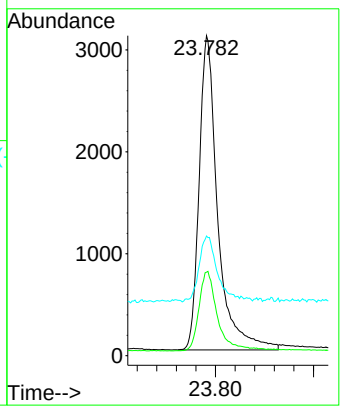


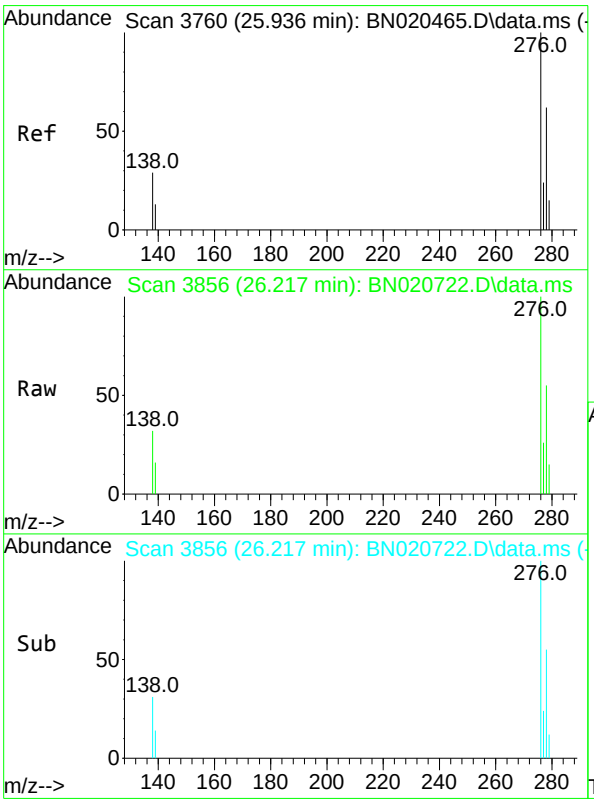
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.782 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN020722.D
Acq: 12 Jul 2022 20:18

Instrument :
BNA_N
ClientSampleId :
PB146159BSD

Tgt Ion:264 Resp: 8120

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.9	31.3
265	37.4	28.0	42.0

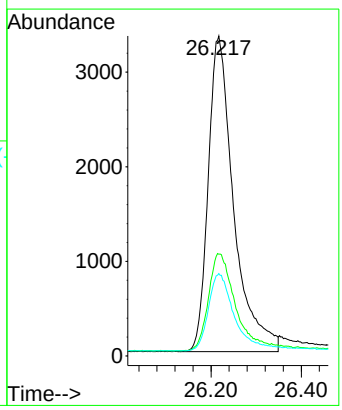


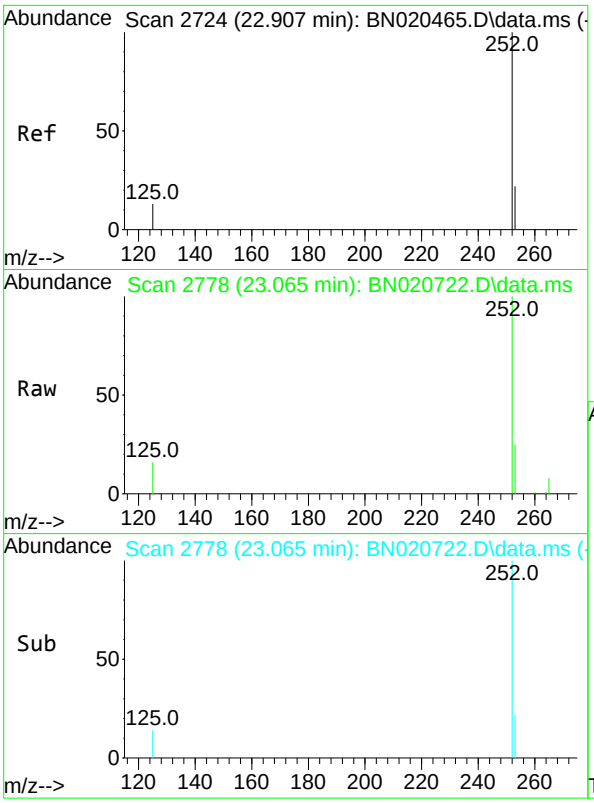


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.361 ng
RT: 26.217 min Scan# 3856
Delta R.T. -0.006 min
Lab File: BN020722.D
Acq: 12 Jul 2022 20:18

Tgt Ion:276 Resp: 13075

Ion	Ratio	Lower	Upper
276	100		
138	32.4	25.9	38.9
277	25.0	19.8	29.8



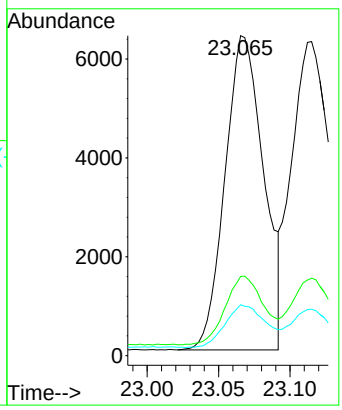


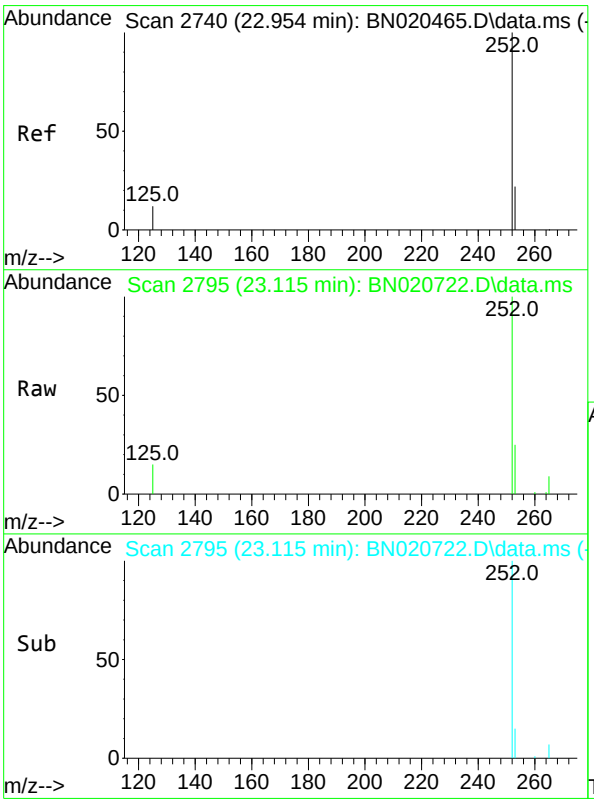
#37
Benzo(b)fluoranthene
Concen: 0.382 ng
RT: 23.065 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN020722.D
Acq: 12 Jul 2022 20:18

Instrument :
BNA_N
ClientSampleId :
PB146159BSD

Tgt Ion:252 Resp: 11969

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.5	27.7
125	15.9	11.4	17.0

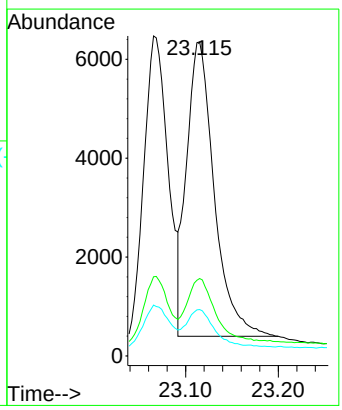


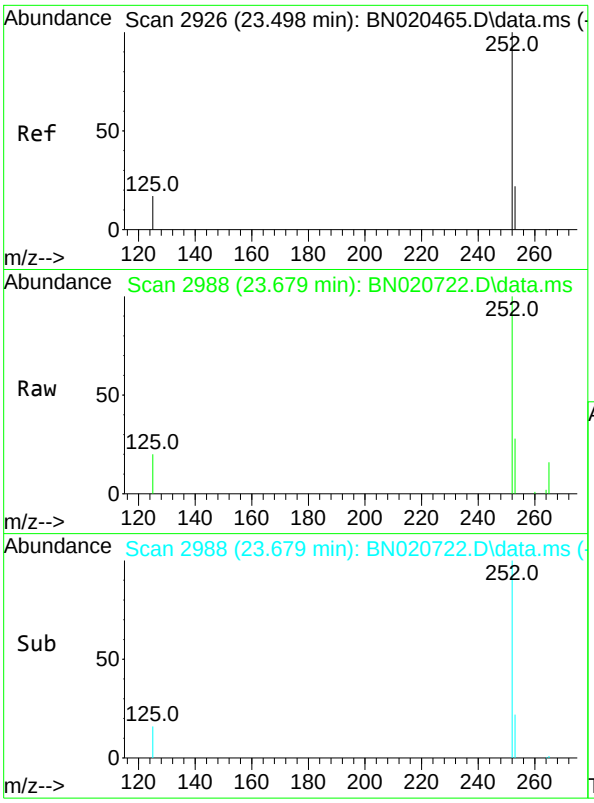


#38
Benzo(k)fluoranthene
Concen: 0.369 ng
RT: 23.115 min Scan# 2795
Delta R.T. -0.006 min
Lab File: BN020722.D
Acq: 12 Jul 2022 20:18

Tgt Ion:252 Resp: 12305

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.0	27.0
125	14.8	11.0	16.4



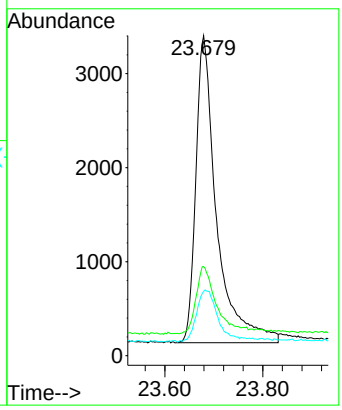


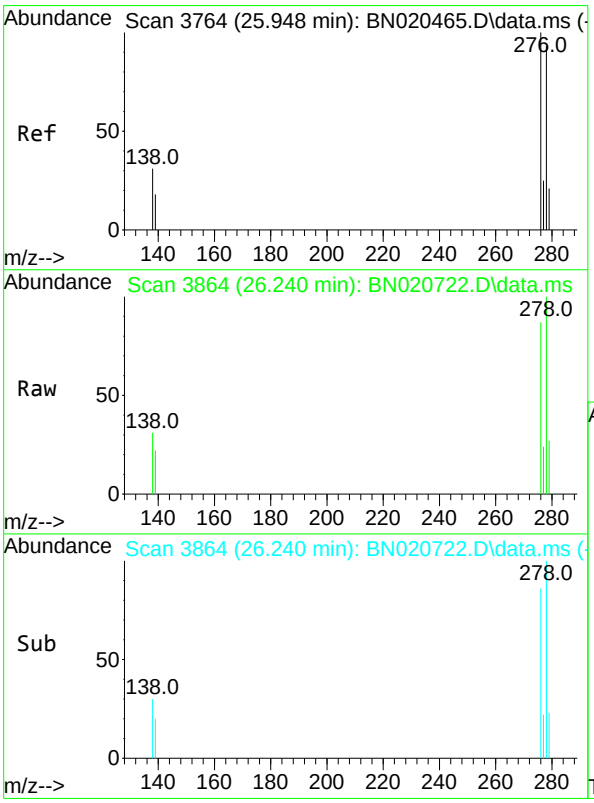
#39
Benzo(a)pyrene
Concen: 0.355 ng
RT: 23.679 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN020722.D
Acq: 12 Jul 2022 20:18

Instrument :
BNA_N
ClientSampleId :
PB146159BSD

Tgt Ion:252 Resp: 9627

Ion	Ratio	Lower	Upper
252	100		
253	27.9	19.0	28.4
125	20.1	13.8	20.8

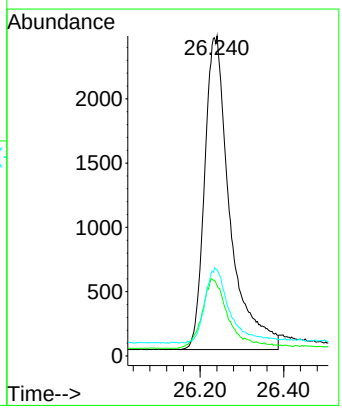


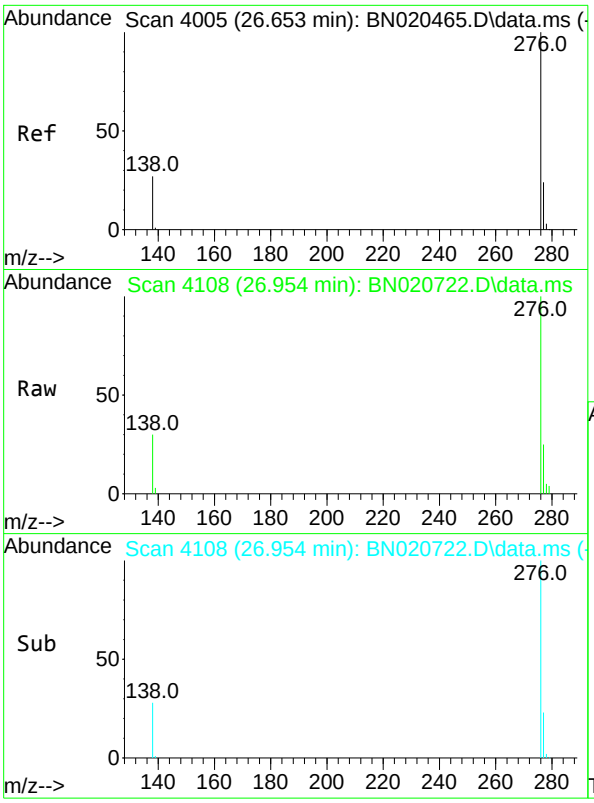


#40
Dibenzo(a,h)anthracene
Concen: 0.353 ng
RT: 26.240 min Scan# 3864
Delta R.T. -0.006 min
Lab File: BN020722.D
Acq: 12 Jul 2022 20:18

Tgt Ion:278 Resp: 10248

Ion	Ratio	Lower	Upper
278	100		
139	22.1	18.6	28.0
279	27.0	19.7	29.5





#41
Benzo(g,h,i)perylene
Concen: 0.366 ng
RT: 26.954 min Scan# 4
Delta R.T. -0.014 min
Lab File: BN020722.D
Acq: 12 Jul 2022 20:18

Instrument :
BNA_N
ClientSampleId :
PB146159BSD

Tgt Ion:276 Resp: 11603

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.5	29.3
138	30.0	22.6	34.0