Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021823\
Data File : BN024070.D
Acq On : 17 Feb 2023 18:15
Operator : CG/JU
Sample : PB150903BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB150903BS

Quant Time: Feb 18 02:02:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN020723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 15 02:55:51 2023
Response via : Initial Calibration

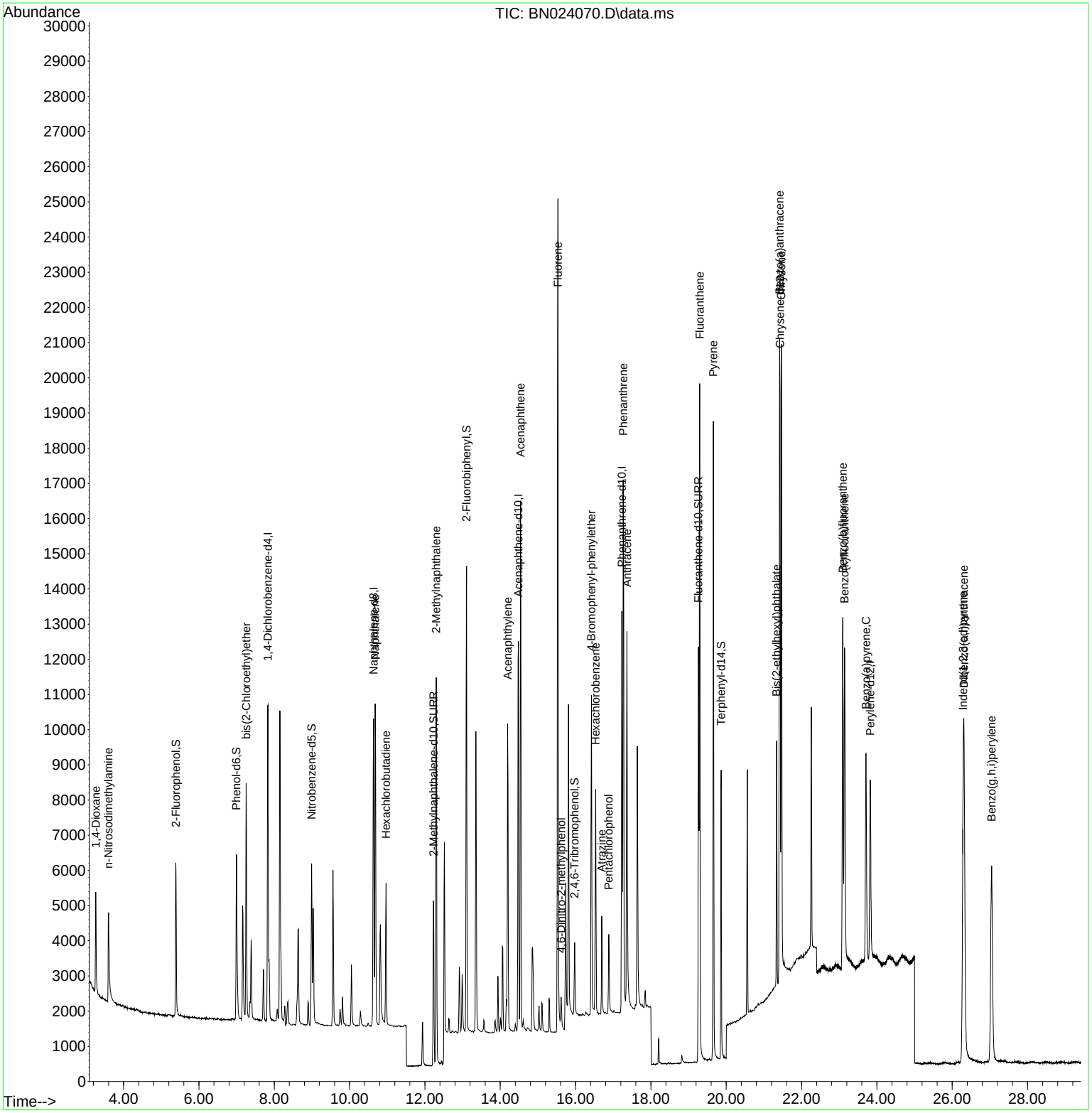
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.833	152	4478	0.400	ng		0.00
7) Naphthalene-d8	10.637	136	11519	0.400	ng		0.00
13) Acenaphthene-d10	14.484	164	6688	0.400	ng		0.00
19) Phenanthrene-d10	17.228	188	14610	0.400	ng	#	0.00
29) Chrysene-d12	21.428	240	10870	0.400	ng		0.00
35) Perylene-d12	23.825	264	8080	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.392	112	3697	0.397	ng		0.00
5) Phenol-d6	6.995	99	4426	0.404	ng		0.00
8) Nitrobenzene-d5	8.993	82	3777	0.408	ng		-0.01
11) 2-Methylnaphthalene-d10	12.227	152	6246	0.390	ng		0.00
14) 2,4,6-Tribromophenol	15.975	330	1153	0.335	ng		-0.01
15) 2-Fluorobiphenyl	13.105	172	11116	0.420	ng		0.00
27) Fluoranthene-d10	19.262	212	13401	0.378	ng		0.00
31) Terphenyl-d14	19.865	244	8941	0.441	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.261	88	1859	0.438	ng		99
3) n-Nitrosodimethylamine	3.600	42	1973	0.415	ng		99
6) bis(2-Chloroethyl)ether	7.255	93	4713	0.430	ng		98
9) Naphthalene	10.680	128	11888	0.414	ng		100
10) Hexachlorobutadiene	10.968	225	3101	0.411	ng	#	100
12) 2-Methylnaphthalene	12.303	142	7661	0.401	ng		99
16) Acenaphthylene	14.196	152	9940	0.382	ng		99
17) Acenaphthene	14.538	154	7349	0.415	ng		99
18) Fluorene	15.532	166	9887	0.411	ng		100
20) 4,6-Dinitro-2-methylph...	15.618	198	698	0.398	ng	#	54
21) 4-Bromophenyl-phenylether	16.421	248	3728	0.393	ng	#	89
22) Hexachlorobenzene	16.533	284	4611	0.404	ng		96
23) Atrazine	16.694	200	2269	0.365	ng	#	92
24) Pentachlorophenol	16.881	266	1204	0.386	ng		95
25) Phenanthrene	17.265	178	16270	0.404	ng		99
26) Anthracene	17.365	178	12496	0.377	ng		100
28) Fluoranthene	19.296	202	17582	0.381	ng		100
30) Pyrene	19.658	202	17252	0.458	ng		99
32) Benzo(a)anthracene	21.419	228	13497	0.388	ng		100
33) Chrysene	21.464	228	15628	0.416	ng		100
34) Bis(2-ethylhexyl)phtha...	21.339	149	5644	0.355	ng		100
36) Indeno(1,2,3-cd)pyrene	26.293	276	15247	0.415	ng		98
37) Benzo(b)fluoranthene	23.094	252	13537	0.414	ng		96
38) Benzo(k)fluoranthene	23.141	252	13404	0.415	ng	#	95
39) Benzo(a)pyrene	23.711	252	9746	0.393	ng	#	95
40) Dibenzo(a,h)anthracene	26.313	278	12066	0.411	ng		97
41) Benzo(g,h,i)perylene	27.047	276	13384	0.429	ng		97

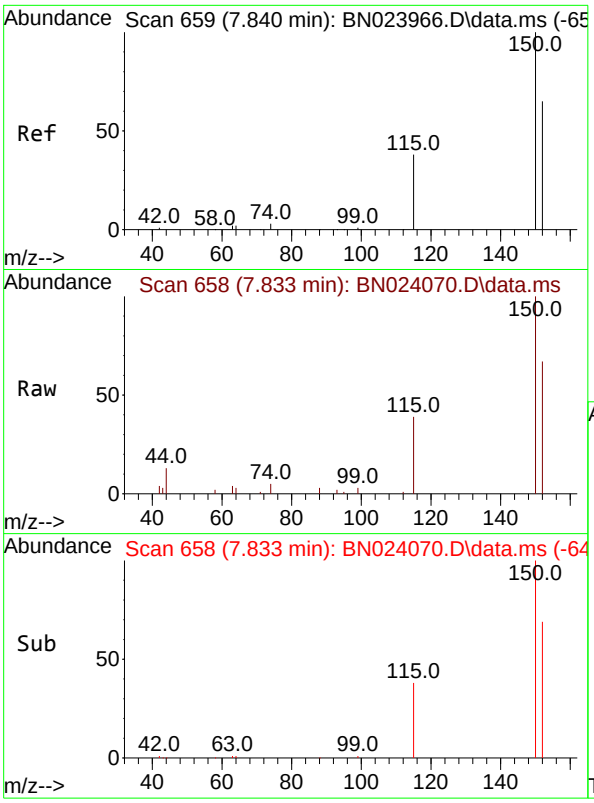
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021823\
Data File : BN024070.D
Acq On : 17 Feb 2023 18:15
Operator : CG/JU
Sample : PB150903BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB150903BS

Quant Time: Feb 18 02:02:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN020723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 15 02:55:51 2023
Response via : Initial Calibration



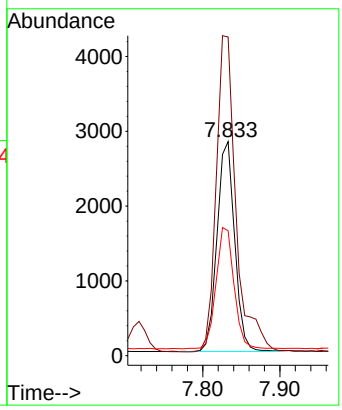


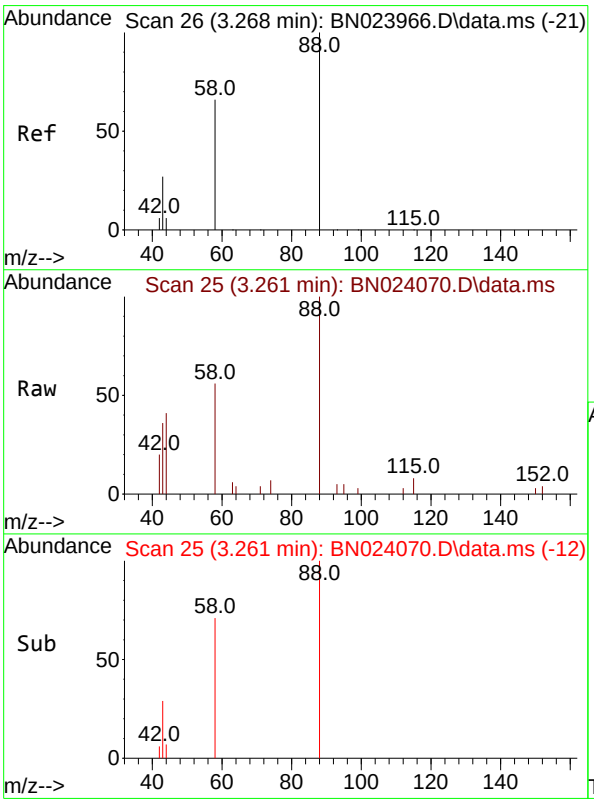
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.833 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN024070.D
Acq: 17 Feb 2023 18:15

Instrument :
BNA_N
ClientSampleId :
PB150903BS

Tgt Ion:152 Resp: 4478

Ion	Ratio	Lower	Upper
152	100		
150	148.9	121.8	182.6
115	58.4	47.7	71.5

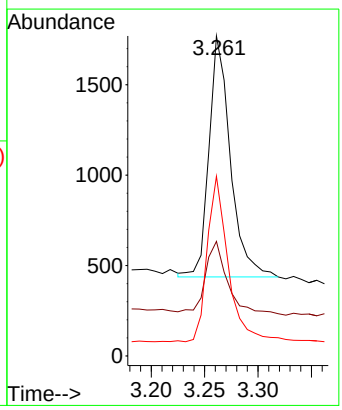


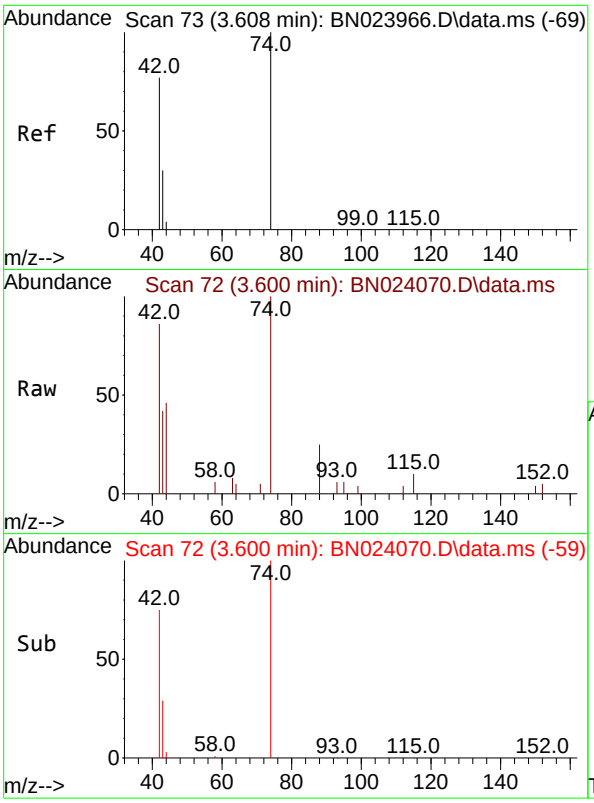


#2
1,4-Dioxane
Concen: 0.438 ng
RT: 3.261 min Scan# 25
Delta R.T. -0.007 min
Lab File: BN024070.D
Acq: 17 Feb 2023 18:15

Tgt Ion: 88 Resp: 1859

Ion	Ratio	Lower	Upper
88	100		
43	30.3	23.7	35.5
58	67.3	53.4	80.2



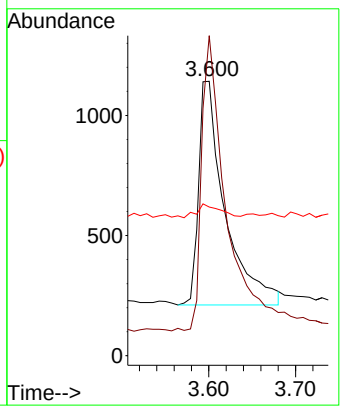


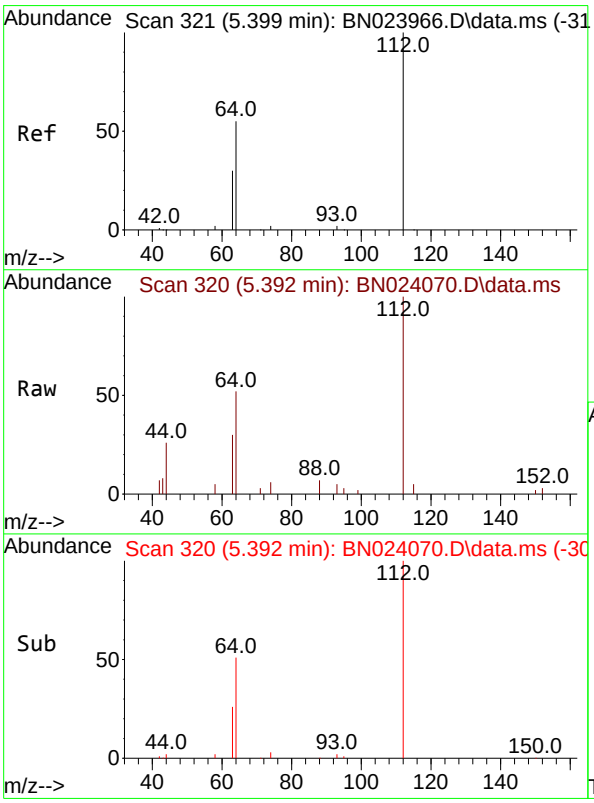
#3
n-Nitrosodimethylamine
Concen: 0.415 ng
RT: 3.600 min Scan# 7
Delta R.T. -0.007 min
Lab File: BN024070.D
Acq: 17 Feb 2023 18:15

Instrument :
BNA_N
ClientSampleId :
PB150903BS

Tgt Ion: 42 Resp: 1973

Ion	Ratio	Lower	Upper
42	100		
74	123.4	99.3	148.9
44	5.4	4.2	6.4

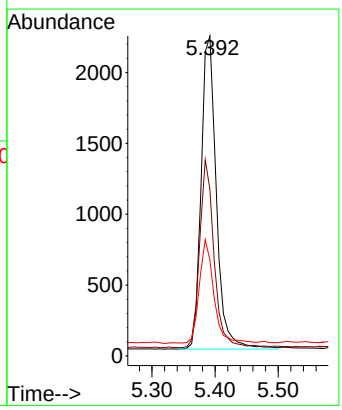


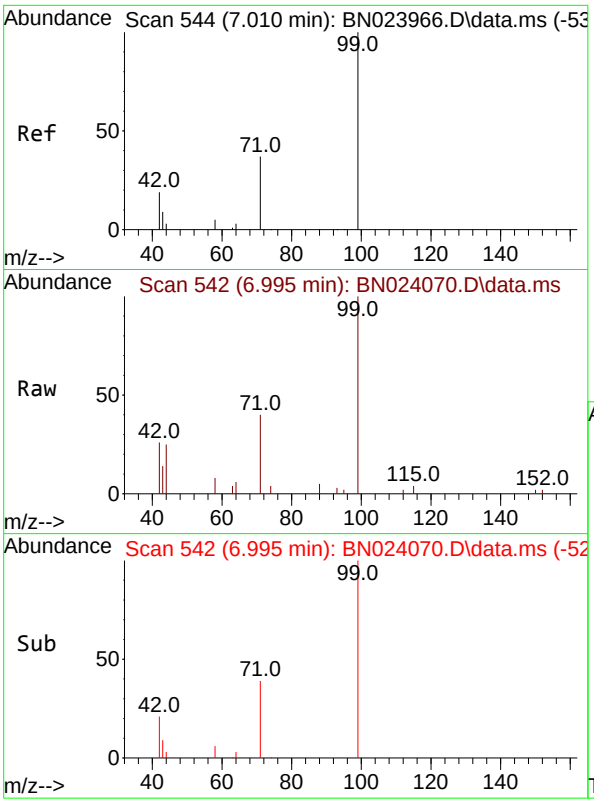


#4
2-Fluorophenol
Concen: 0.397 ng
RT: 5.392 min Scan# 320
Delta R.T. -0.007 min
Lab File: BN024070.D
Acq: 17 Feb 2023 18:15

Tgt Ion:112 Resp: 3697

Ion	Ratio	Lower	Upper
112	100		
64	56.9	44.8	67.2
63	31.2	25.1	37.7



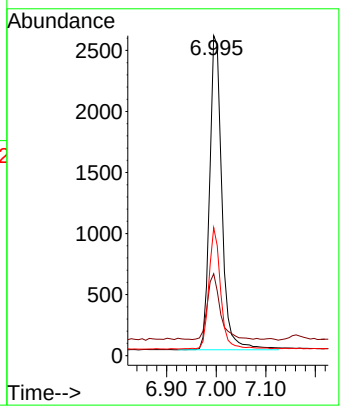


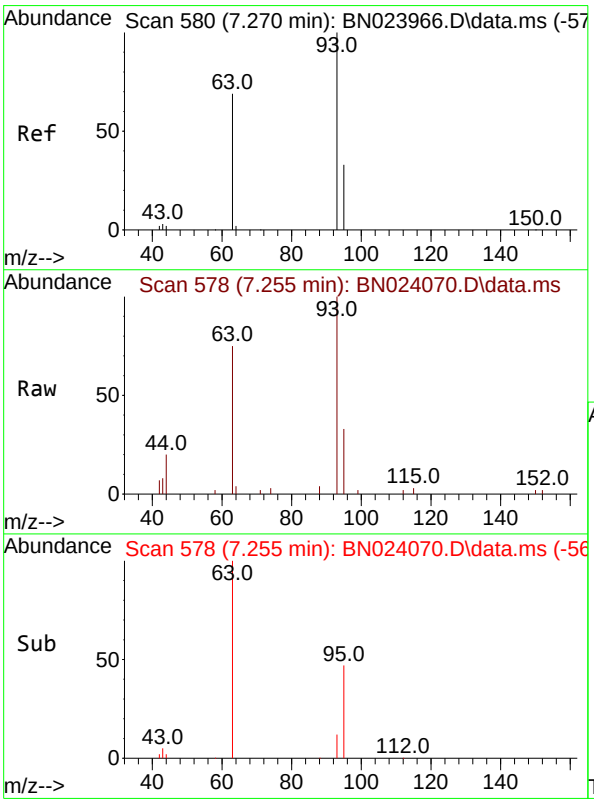
#5
Phenol-d6
Concen: 0.404 ng
RT: 6.995 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN024070.D
Acq: 17 Feb 2023 18:15

Instrument :
BNA_N
ClientSampleId :
PB150903BS

Tgt Ion: 99 Resp: 4426

Ion	Ratio	Lower	Upper
99	100		
42	21.8	17.0	25.6
71	36.9	29.0	43.4

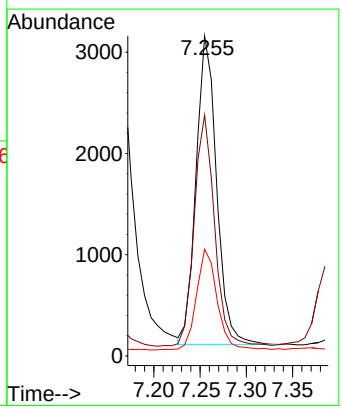


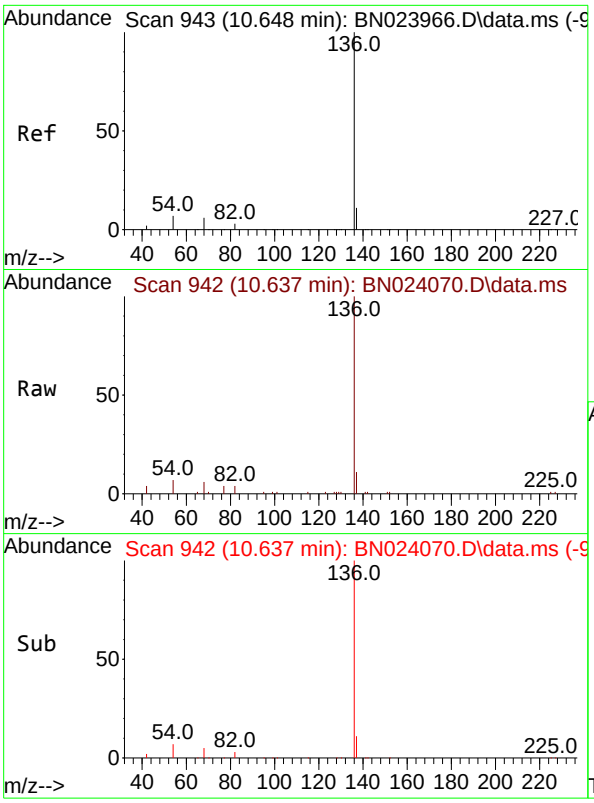


#6
bis(2-Chloroethyl)ether
Concen: 0.430 ng
RT: 7.255 min Scan# 578
Delta R.T. -0.007 min
Lab File: BN024070.D
Acq: 17 Feb 2023 18:15

Tgt Ion: 93 Resp: 4713

Ion	Ratio	Lower	Upper
93	100		
63	74.5	58.4	87.6
95	33.2	25.8	38.6



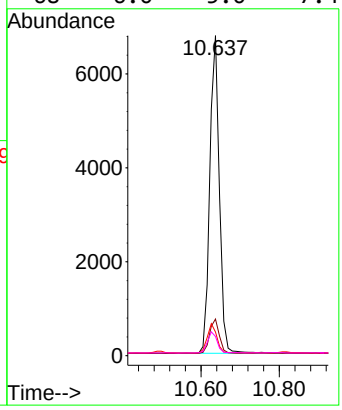


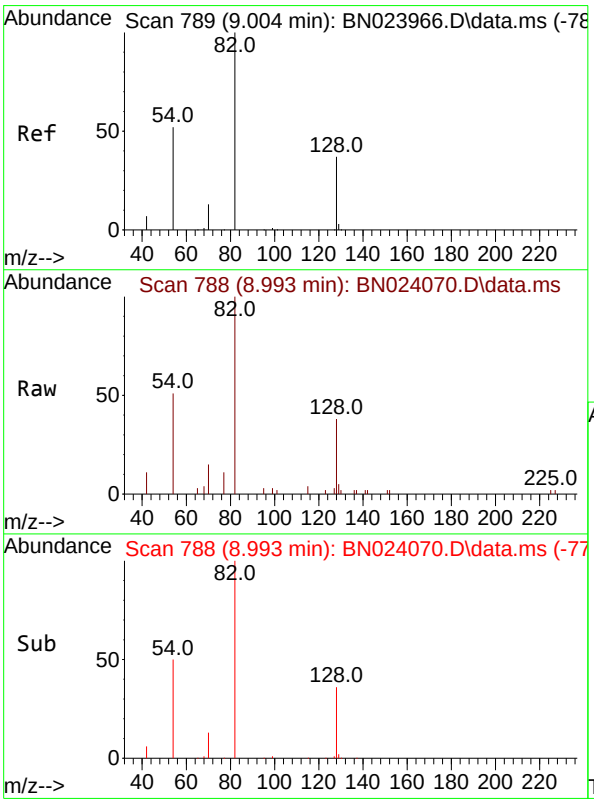
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN024070.D
Acq: 17 Feb 2023 18:15

Instrument :
BNA_N
ClientSampleId :
PB150903BS

Tgt Ion:136 Resp: 11519

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	7.4	5.8	8.8
68	6.0	5.0	7.4

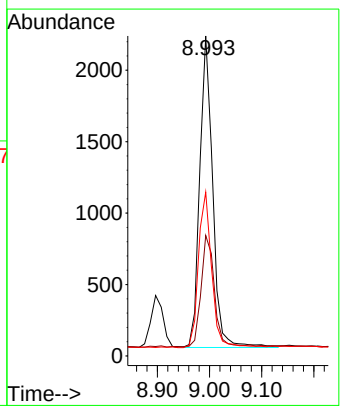


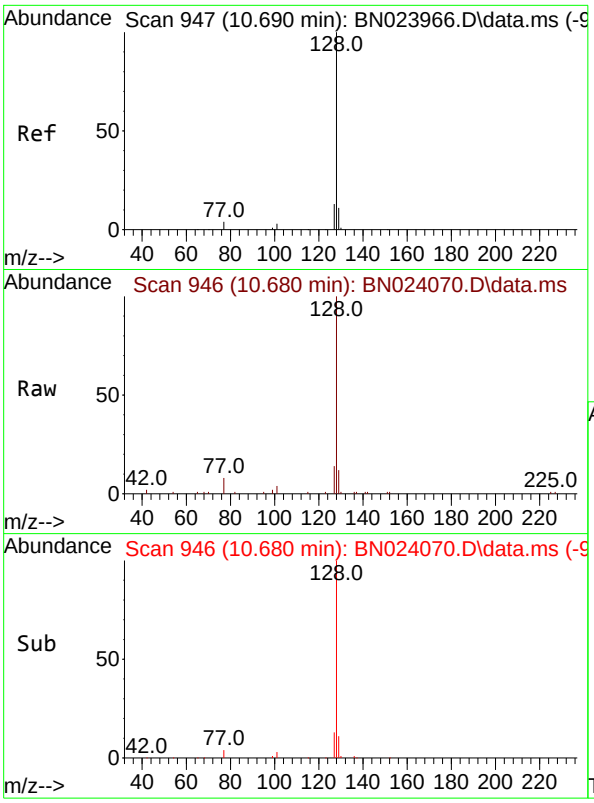


#8
Nitrobenzene-d5
Concen: 0.408 ng
RT: 8.993 min Scan# 788
Delta R.T. -0.011 min
Lab File: BN024070.D
Acq: 17 Feb 2023 18:15

Tgt Ion: 82 Resp: 3777

Ion	Ratio	Lower	Upper
82	100		
128	37.6	31.5	47.3
54	51.2	42.8	64.2



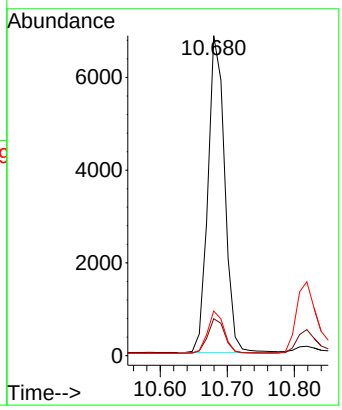


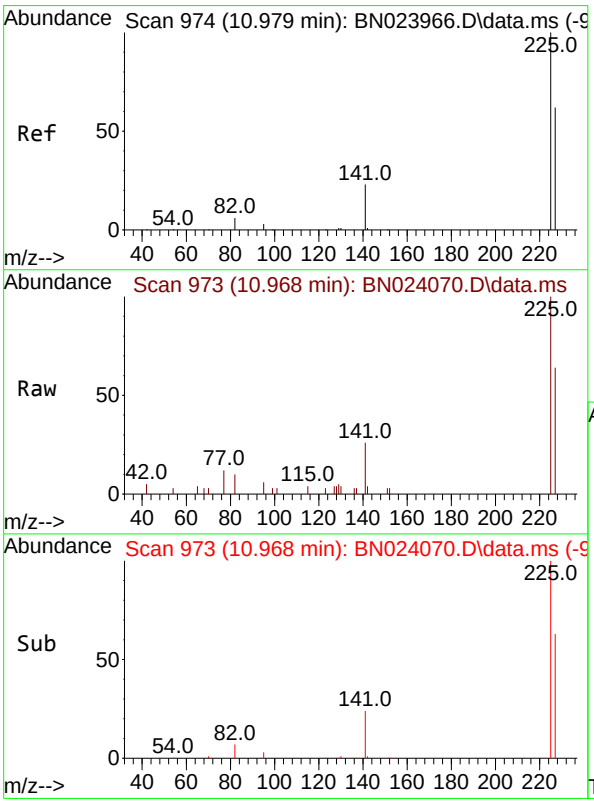
#9
Naphthalene
Concen: 0.414 ng
RT: 10.680 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN024070.D
Acq: 17 Feb 2023 18:15

Instrument :
BNA_N
ClientSampleId :
PB150903BS

Tgt Ion:128 Resp: 11888

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.3	13.9
127	13.9	11.0	16.4

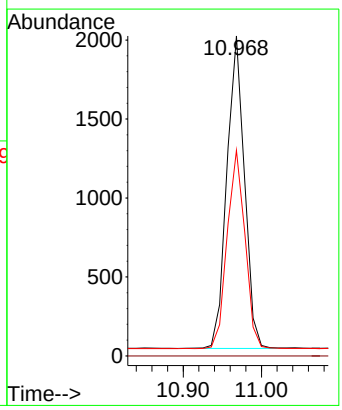


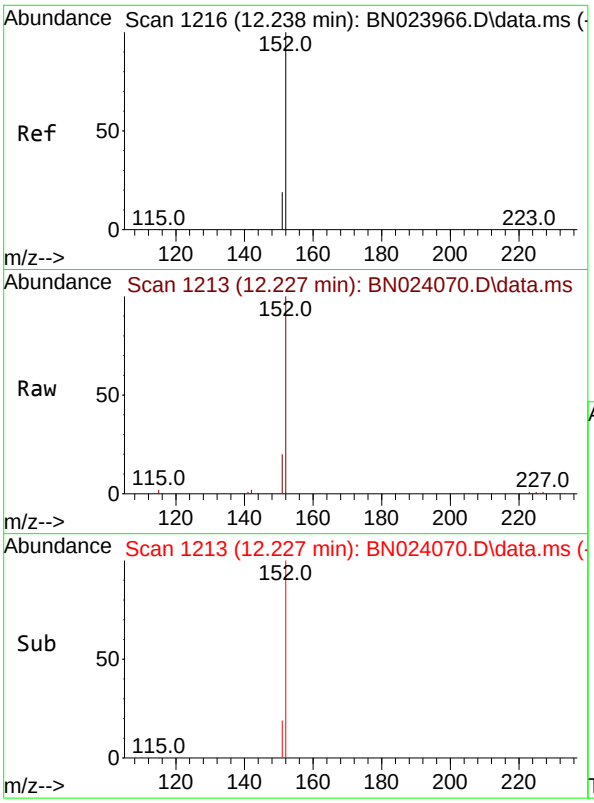


#10
Hexachlorobutadiene
Concen: 0.411 ng
RT: 10.968 min Scan# 973
Delta R.T. 0.000 min
Lab File: BN024070.D
Acq: 17 Feb 2023 18:15

Tgt Ion:225 Resp: 3101

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.2	51.1	76.7



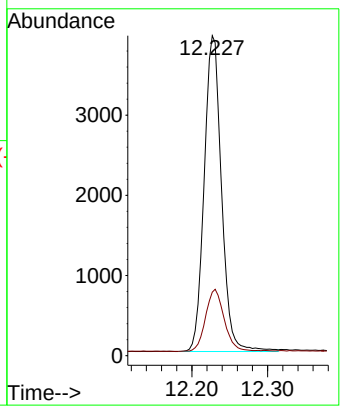


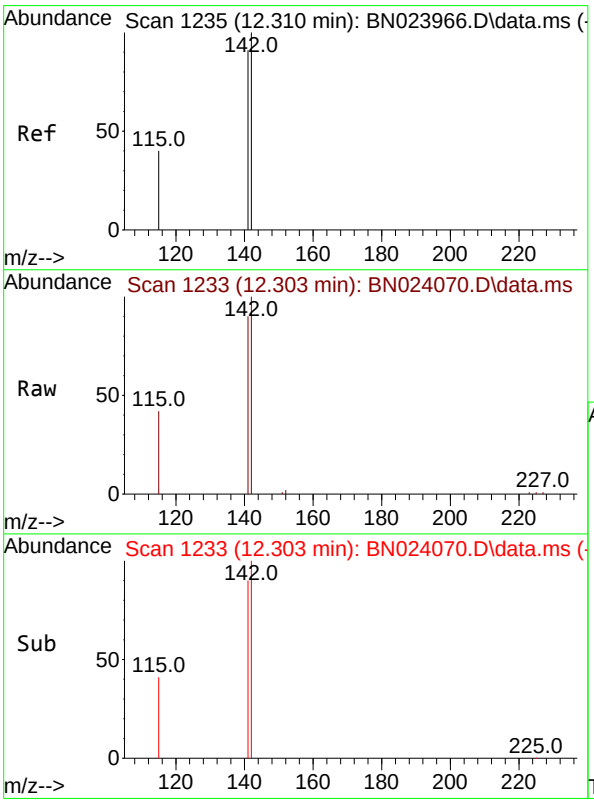
#11
2-Methylnaphthalene-d10
Concen: 0.390 ng
RT: 12.227 min Scan# 1
Delta R.T. -0.007 min
Lab File: BN024070.D
Acq: 17 Feb 2023 18:15

Instrument :
BNA_N
ClientSampleId :
PB150903BS

Tgt Ion:152 Resp: 6246

Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.6	24.8

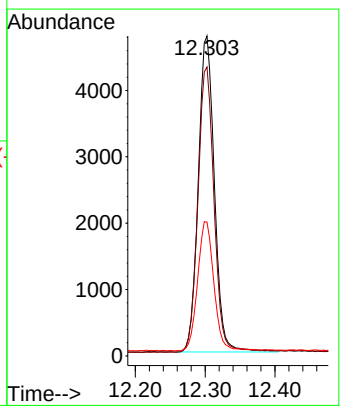


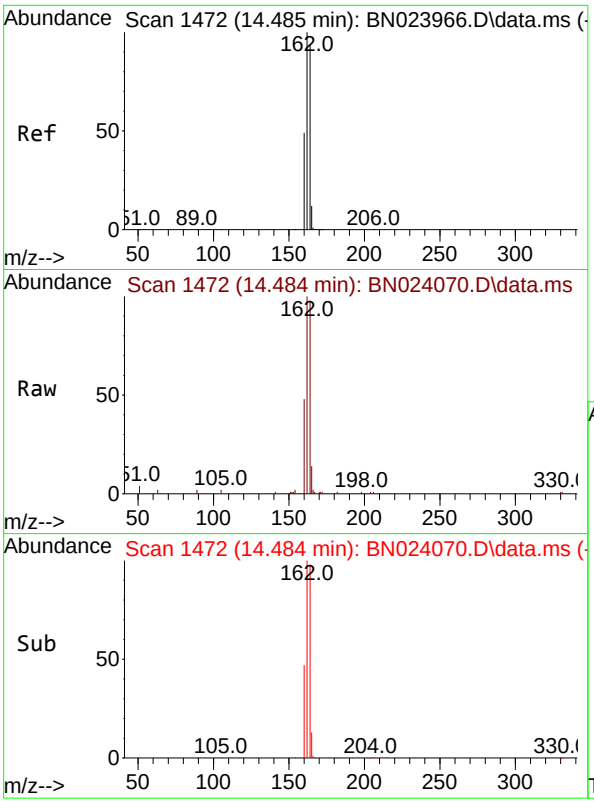


#12
2-Methylnaphthalene
Concen: 0.401 ng
RT: 12.303 min Scan# 1233
Delta R.T. -0.004 min
Lab File: BN024070.D
Acq: 17 Feb 2023 18:15

Tgt Ion:142 Resp: 7661

Ion	Ratio	Lower	Upper
142	100		
141	90.3	72.9	109.3
115	41.8	33.1	49.7



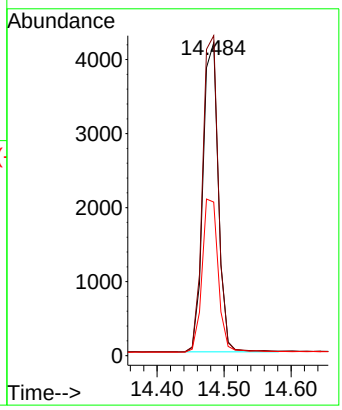


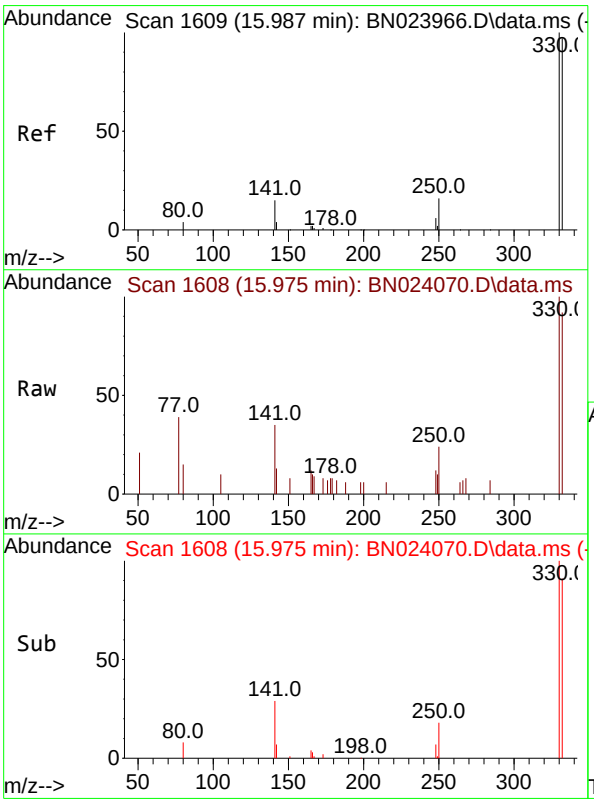
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN024070.D
Acq: 17 Feb 2023 18:15

Instrument :
BNA_N
ClientSampleId :
PB150903BS

Tgt Ion:164 Resp: 6688

Ion	Ratio	Lower	Upper
164	100		
162	102.2	84.8	127.2
160	49.1	42.0	63.0

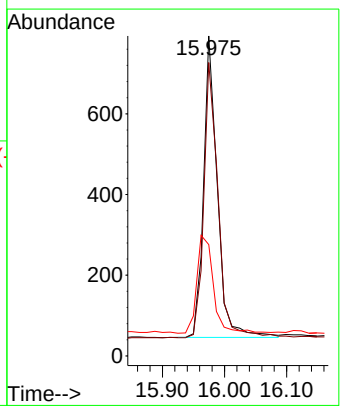


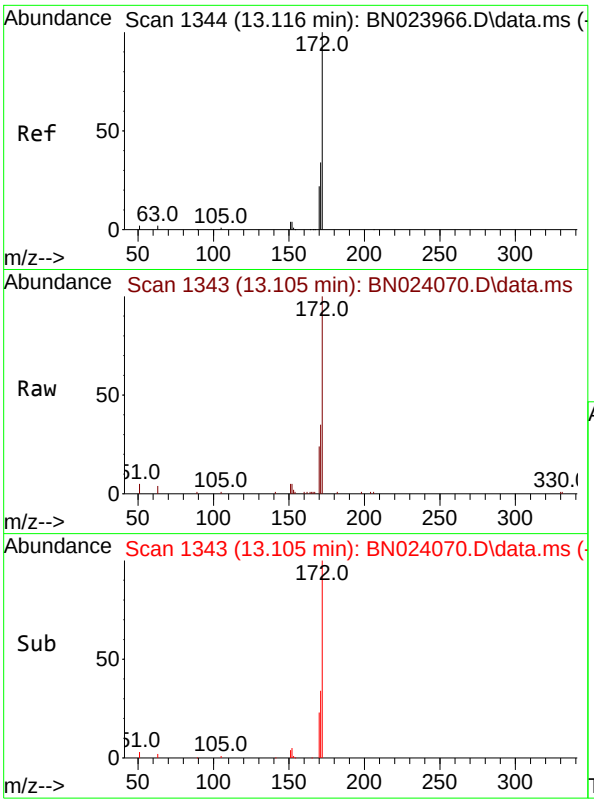


#14
2,4,6-Tribromophenol
Concen: 0.335 ng
RT: 15.975 min Scan# 1608
Delta R.T. -0.012 min
Lab File: BN024070.D
Acq: 17 Feb 2023 18:15

Tgt Ion:330 Resp: 1153

Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.7	116.5
141	39.2	26.6	39.8



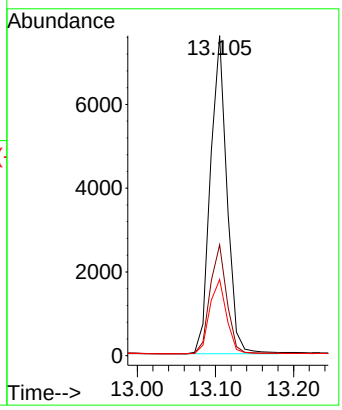


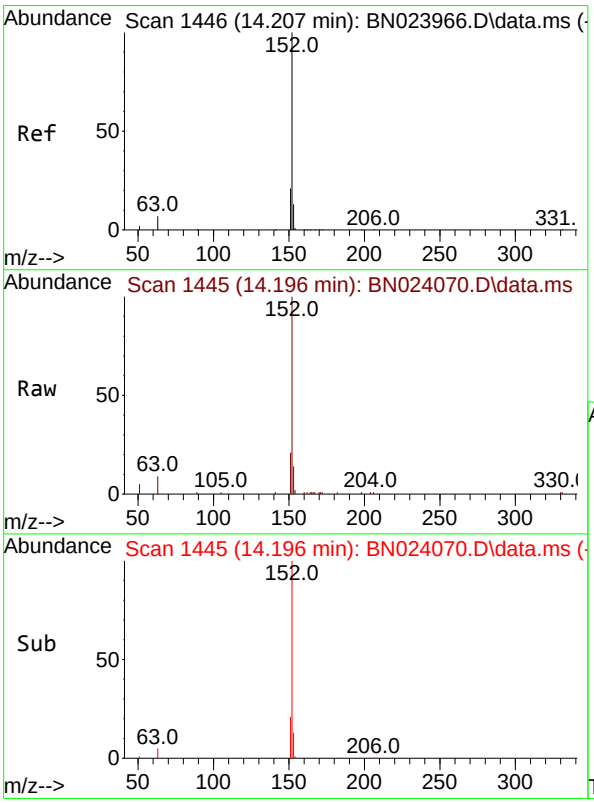
#15
2-Fluorobiphenyl
Concen: 0.420 ng
RT: 13.105 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN024070.D
Acq: 17 Feb 2023 18:15

Instrument :
BNA_N
ClientSampleId :
PB150903BS

Tgt Ion:172 Resp: 11116

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.4	41.2
170	23.8	18.2	27.4

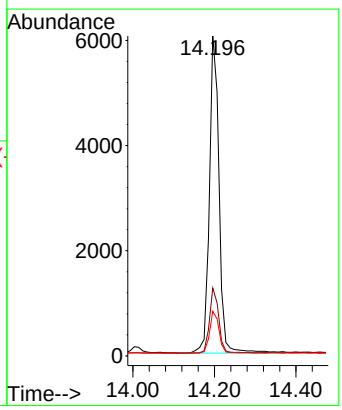


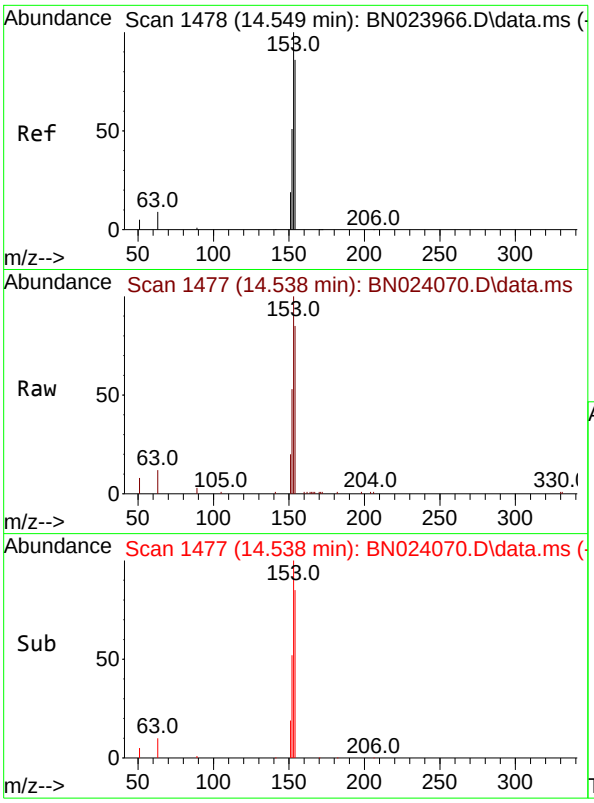


#16
Acenaphthylene
Concen: 0.382 ng
RT: 14.196 min Scan# 1445
Delta R.T. -0.011 min
Lab File: BN024070.D
Acq: 17 Feb 2023 18:15

Tgt Ion:152 Resp: 9940

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.9	23.9
153	13.0	10.5	15.7



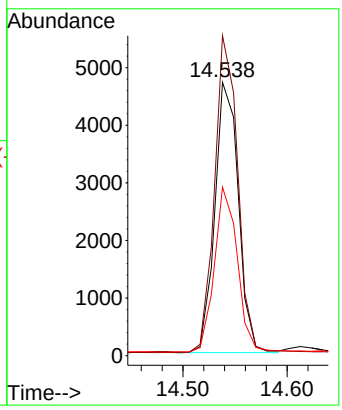


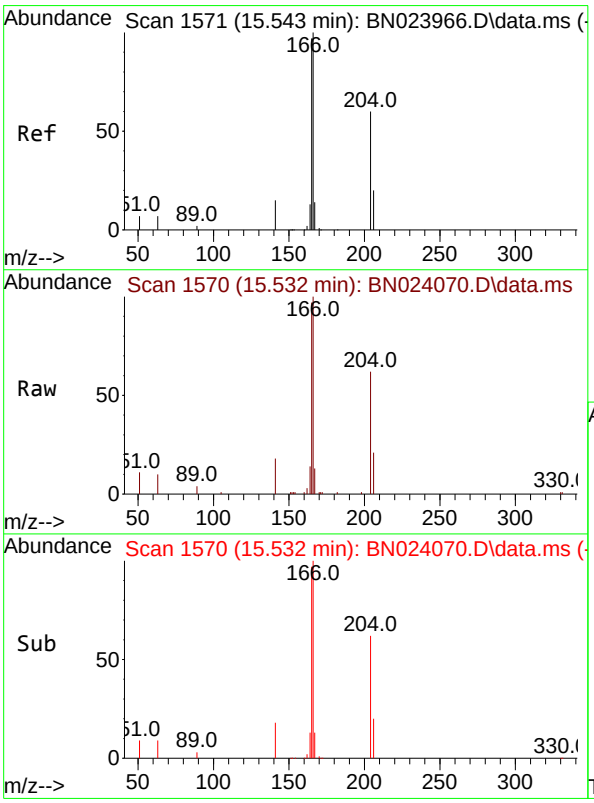
#17
Acenaphthene
Concen: 0.415 ng
RT: 14.538 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN024070.D
Acq: 17 Feb 2023 18:15

Instrument :
BNA_N
ClientSampleId :
PB150903BS

Tgt Ion:154 Resp: 7349

Ion	Ratio	Lower	Upper
154	100		
153	116.5	92.6	139.0
152	60.4	46.5	69.7

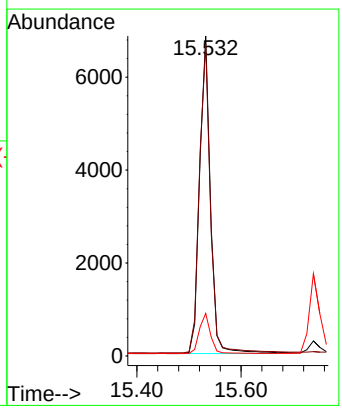


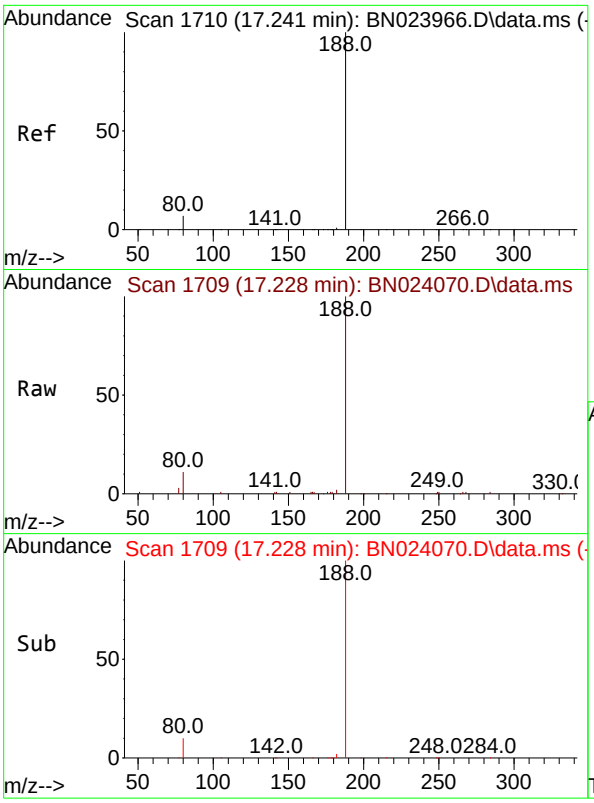


#18
Fluorene
Concen: 0.411 ng
RT: 15.532 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BN024070.D
Acq: 17 Feb 2023 18:15

Tgt Ion:166 Resp: 9887

Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.3	118.9
167	13.2	11.0	16.6





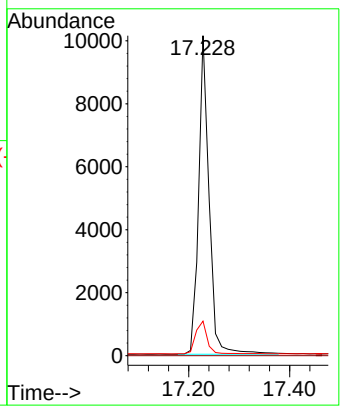
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.228 min Scan# 1

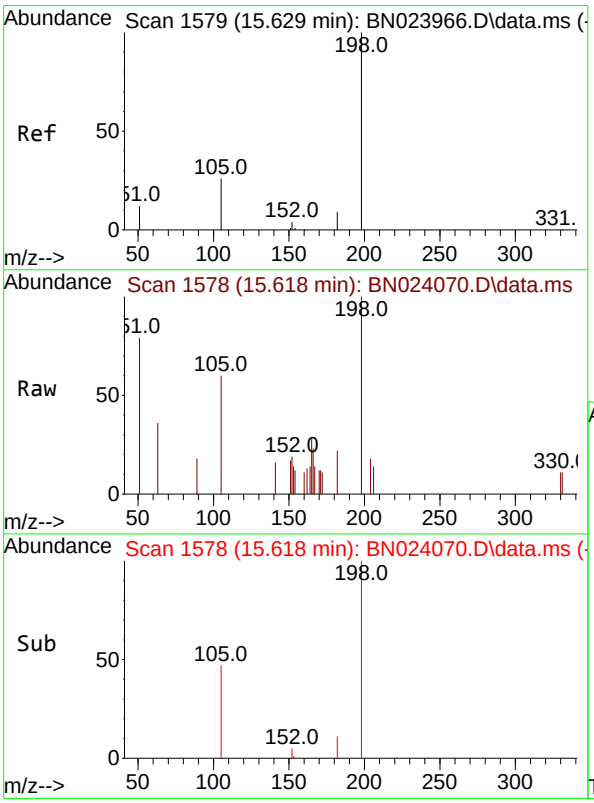
Instrument :
BNA_N
ClientSampleId :
PB150903BS

Delta R.T. 0.000 min
Lab File: BN024070.D
Acq: 17 Feb 2023 18:15

Tgt Ion:188 Resp: 14610

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.8	6.1	9.1#

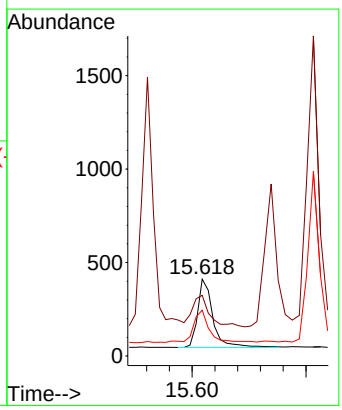


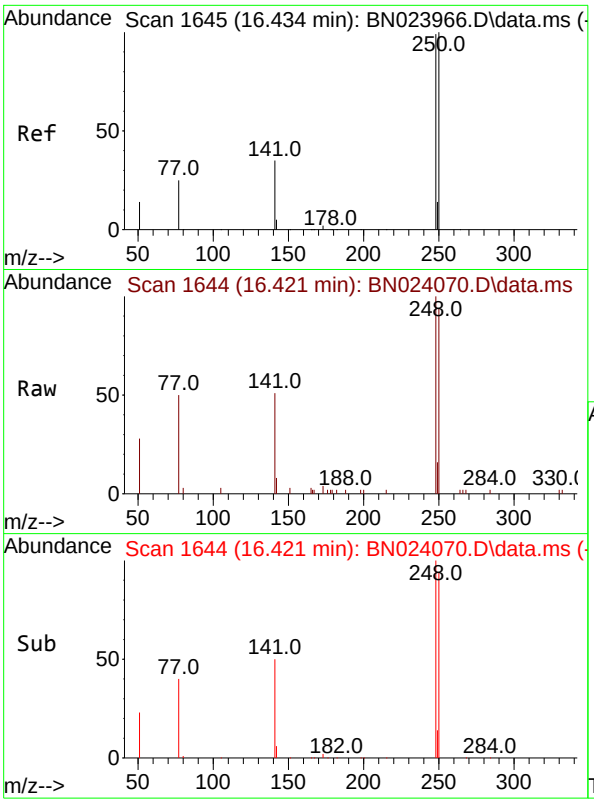


#20
4,6-Dinitro-2-methylphenol
Concen: 0.398 ng
RT: 15.618 min Scan# 1578
Delta R.T. -0.011 min
Lab File: BN024070.D
Acq: 17 Feb 2023 18:15

Tgt Ion:198 Resp: 698

Ion	Ratio	Lower	Upper
198	100		
51	79.1	36.8	55.2#
105	59.6	28.8	43.2#



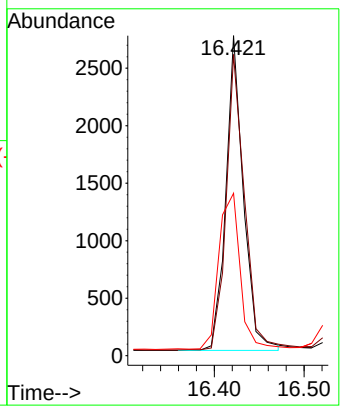


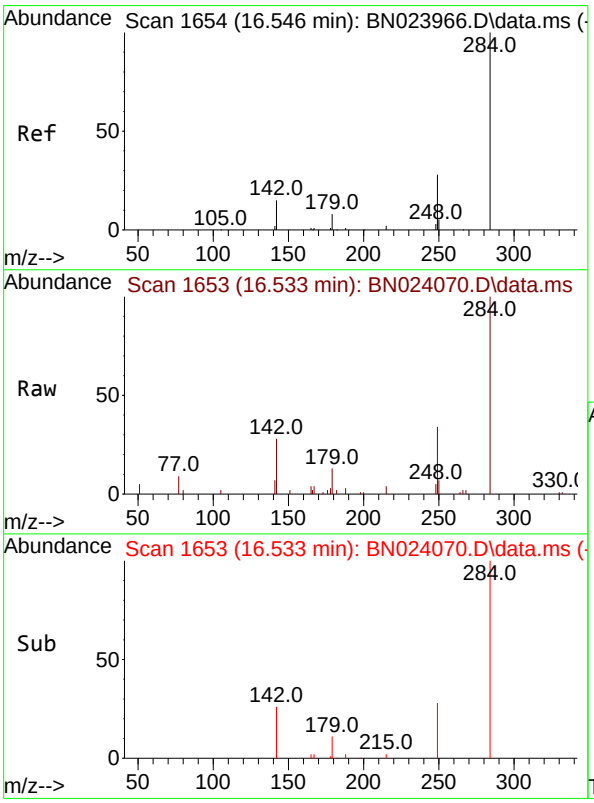
#21
4-Bromophenyl-phenylether
Concen: 0.393 ng
RT: 16.421 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN024070.D
Acq: 17 Feb 2023 18:15

Instrument :
BNA_N
ClientSampleId :
PB150903BS

Tgt Ion:248 Resp: 3728

Ion	Ratio	Lower	Upper
248	100		
250	94.1	80.8	121.2
141	50.8	29.2	43.8#

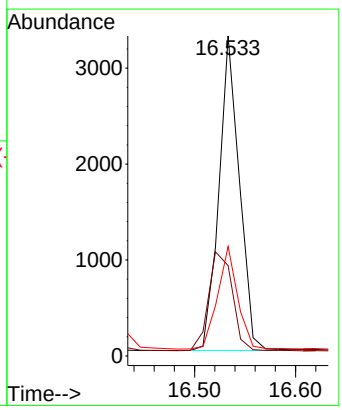


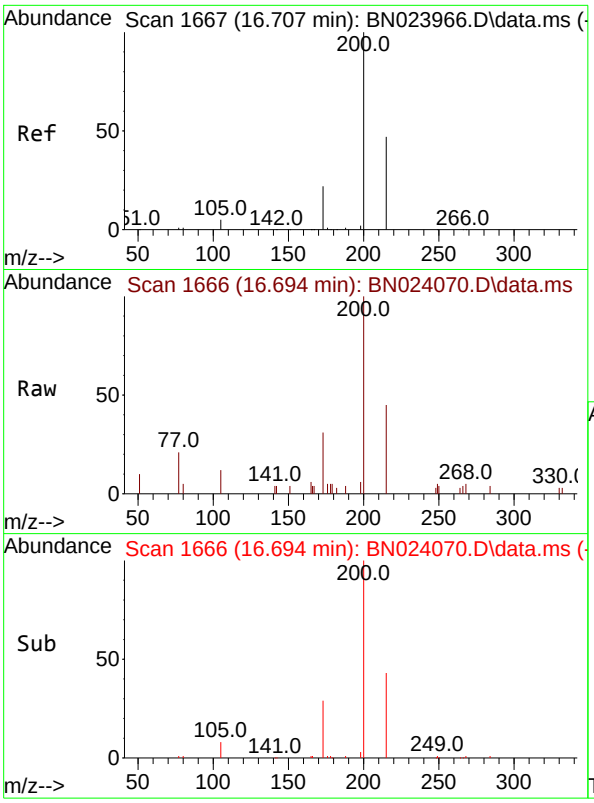


#22
Hexachlorobenzene
Concen: 0.404 ng
RT: 16.533 min Scan# 1653
Delta R.T. 0.000 min
Lab File: BN024070.D
Acq: 17 Feb 2023 18:15

Tgt Ion:284 Resp: 4611

Ion	Ratio	Lower	Upper
284	100		
142	36.4	26.2	39.2
249	31.9	25.0	37.4



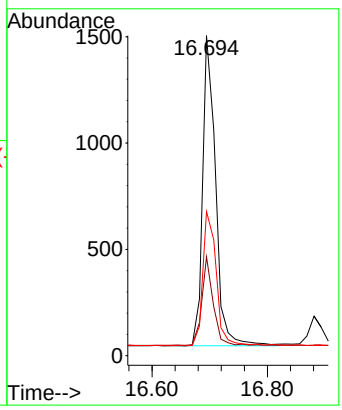


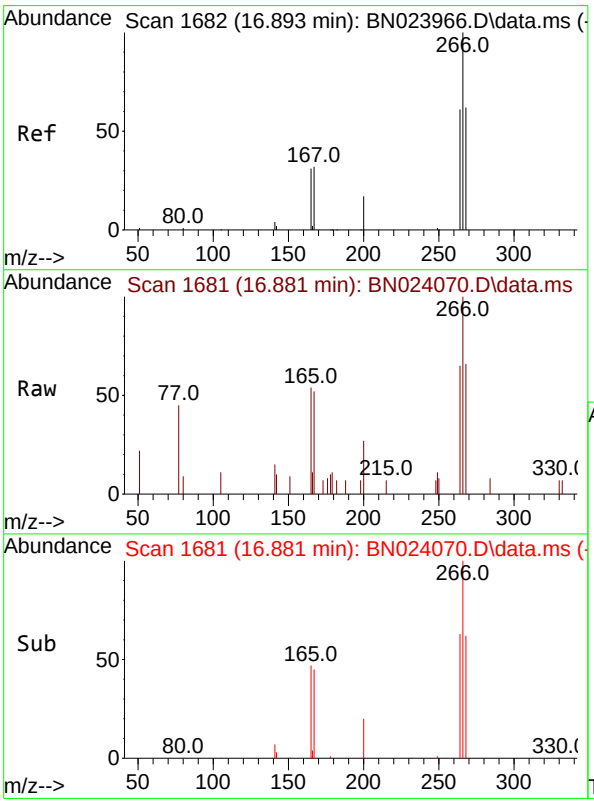
#23
Atrazine
Concen: 0.365 ng
RT: 16.694 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN024070.D
Acq: 17 Feb 2023 18:15

Instrument :
BNA_N
ClientSampleId :
PB150903BS

Tgt Ion:200 Resp: 2269

Ion	Ratio	Lower	Upper
200	100		
173	30.9	19.5	29.3#
215	45.0	38.6	58.0

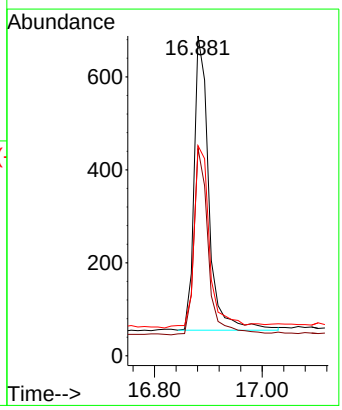


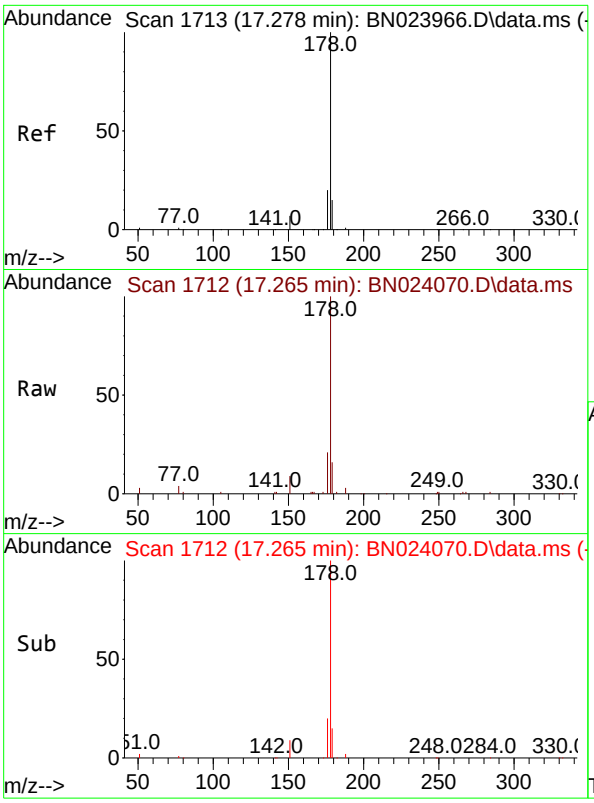


#24
Pentachlorophenol
Concen: 0.386 ng
RT: 16.881 min Scan# 1681
Delta R.T. -0.012 min
Lab File: BN024070.D
Acq: 17 Feb 2023 18:15

Tgt Ion:266 Resp: 1204

Ion	Ratio	Lower	Upper
266	100		
264	62.0	47.6	71.4
268	65.0	47.5	71.3



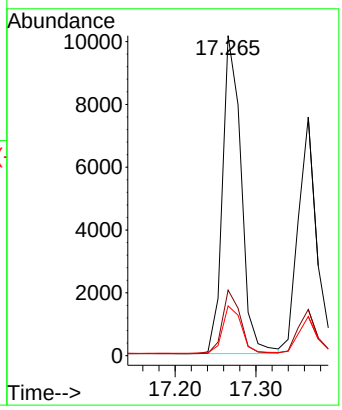


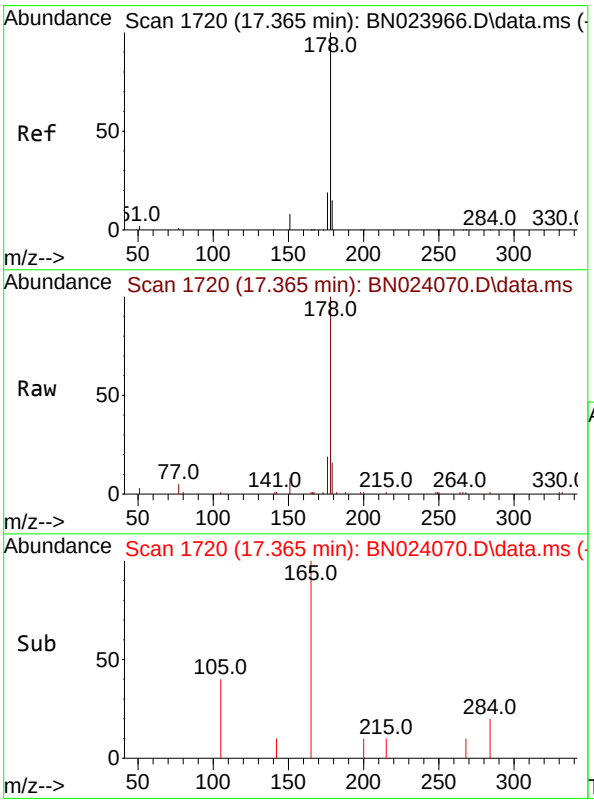
#25
Phenanthrene
Concen: 0.404 ng
RT: 17.265 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN024070.D
Acq: 17 Feb 2023 18:15

Instrument :
BNA_N
ClientSampleId :
PB150903BS

Tgt Ion:178 Resp: 16270

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	15.3	12.6	19.0

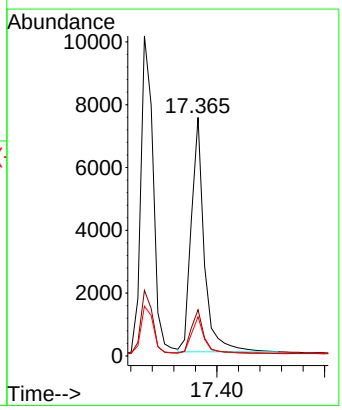


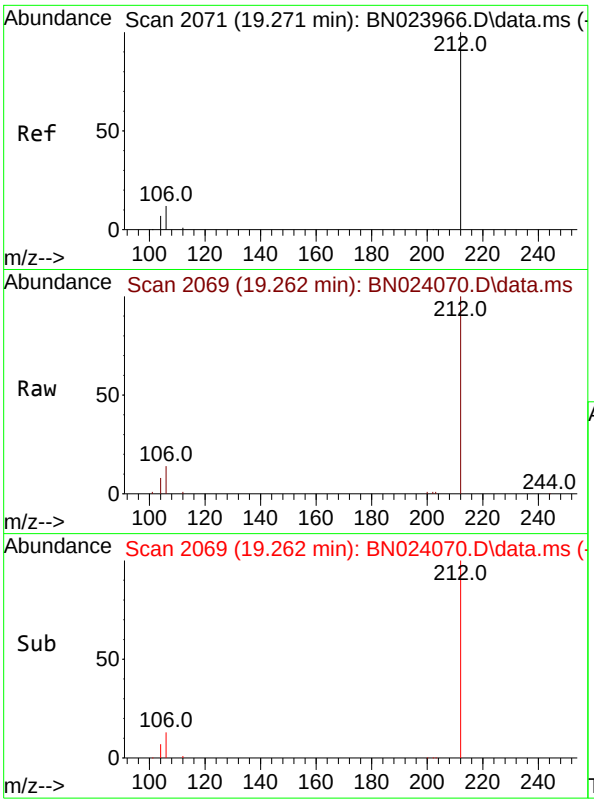


#26
Anthracene
Concen: 0.377 ng
RT: 17.365 min Scan# 1720
Delta R.T. 0.000 min
Lab File: BN024070.D
Acq: 17 Feb 2023 18:15

Tgt Ion:178 Resp: 12496

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.3	12.2	18.4



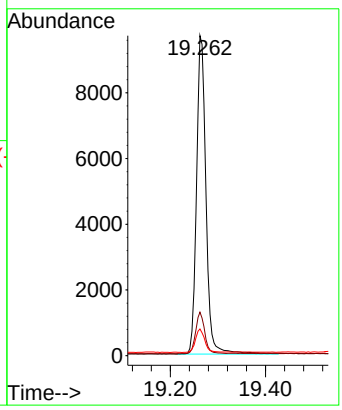


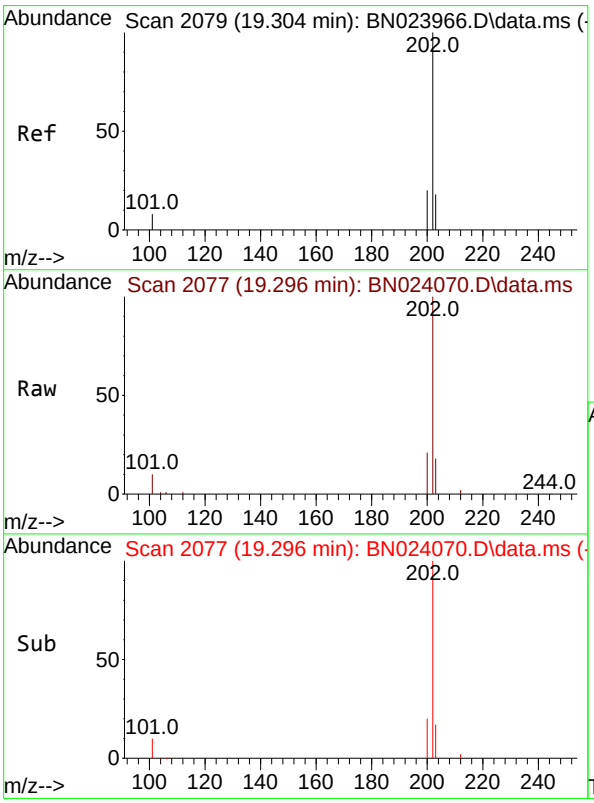
#27
Fluoranthene-d10
Concen: 0.378 ng
RT: 19.262 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN024070.D
Acq: 17 Feb 2023 18:15

Instrument :
BNA_N
ClientSampleId :
PB150903BS

Tgt Ion:212 Resp: 13401

Ion	Ratio	Lower	Upper
212	100		
106	12.5	9.2	13.8
104	7.2	5.7	8.5

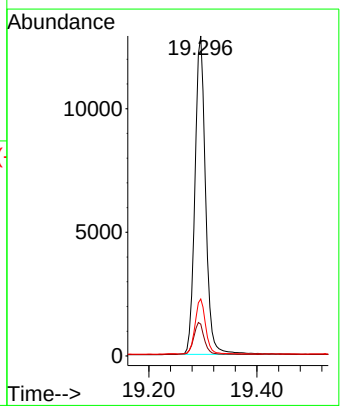


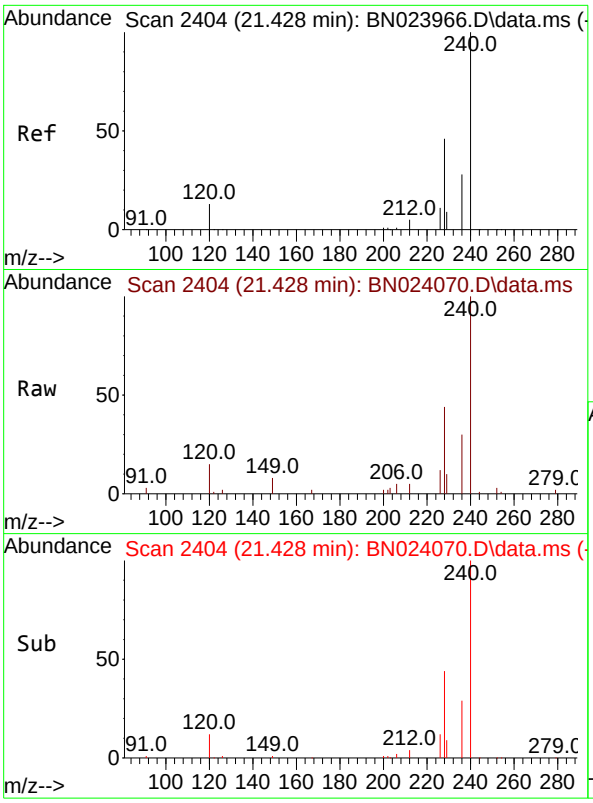


#28
Fluoranthene
Concen: 0.381 ng
RT: 19.296 min Scan# 2077
Delta R.T. 0.000 min
Lab File: BN024070.D
Acq: 17 Feb 2023 18:15

Tgt Ion:202 Resp: 17582

Ion	Ratio	Lower	Upper
202	100		
101	9.8	7.7	11.5
203	16.9	13.7	20.5



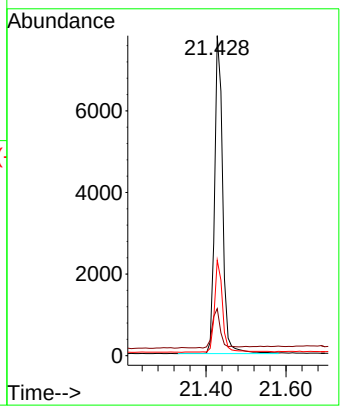


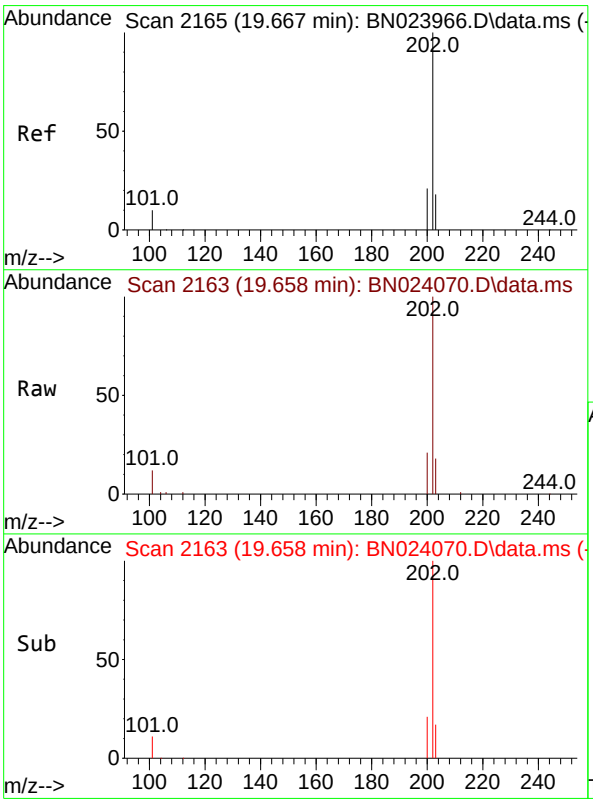
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.428 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN024070.D
Acq: 17 Feb 2023 18:15

Instrument :
BNA_N
ClientSampleId :
PB150903BS

Tgt Ion:240 Resp: 10870

Ion	Ratio	Lower	Upper
240	100		
120	14.7	11.4	17.0
236	29.9	23.2	34.8

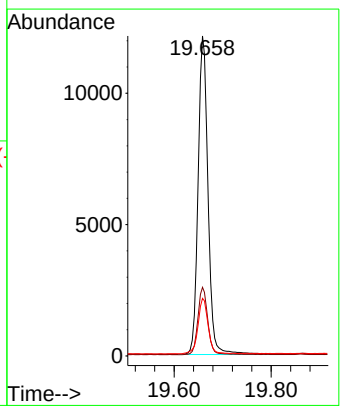


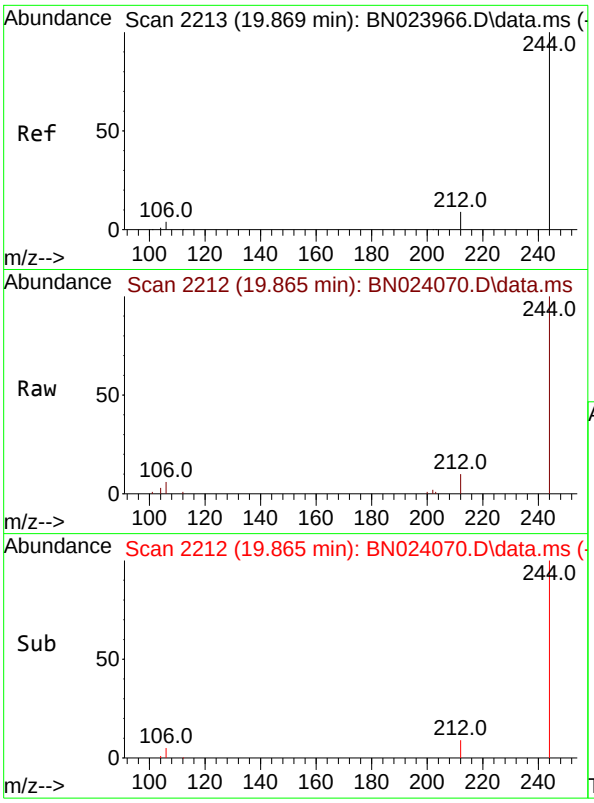


#30
Pyrene
Concen: 0.458 ng
RT: 19.658 min Scan# 2163
Delta R.T. -0.004 min
Lab File: BN024070.D
Acq: 17 Feb 2023 18:15

Tgt Ion:202 Resp: 17252

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.7	25.1
203	17.4	14.4	21.6



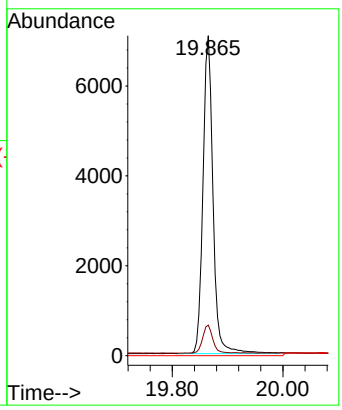


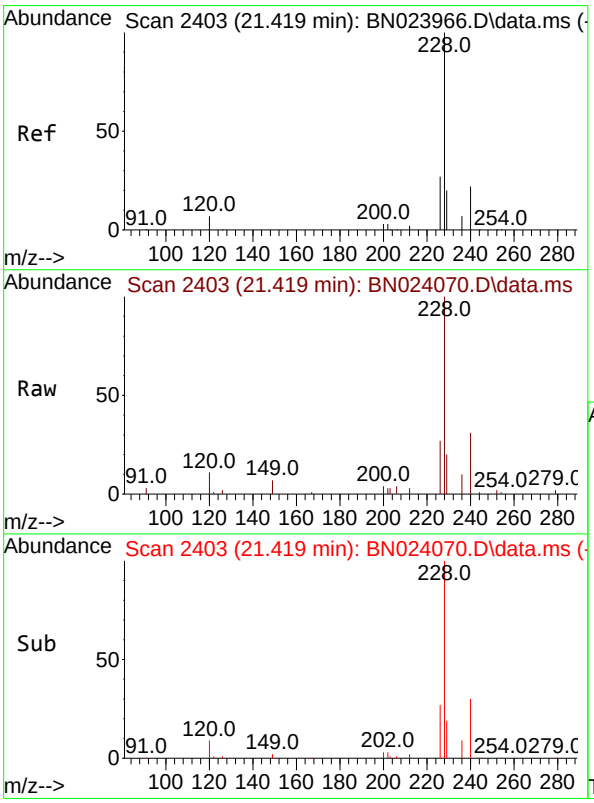
#31
Terphenyl-d14
Concen: 0.441 ng
RT: 19.865 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN024070.D
Acq: 17 Feb 2023 18:15

Instrument :
BNA_N
ClientSampleId :
PB150903BS

Tgt Ion:244 Resp: 8941

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.7	11.5
122	0.0	0.0	0.0

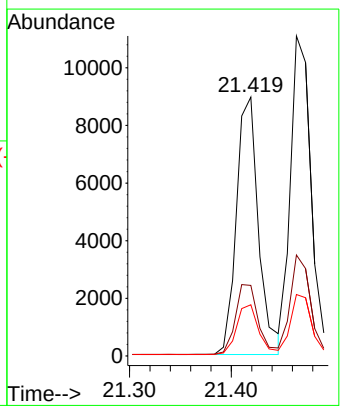


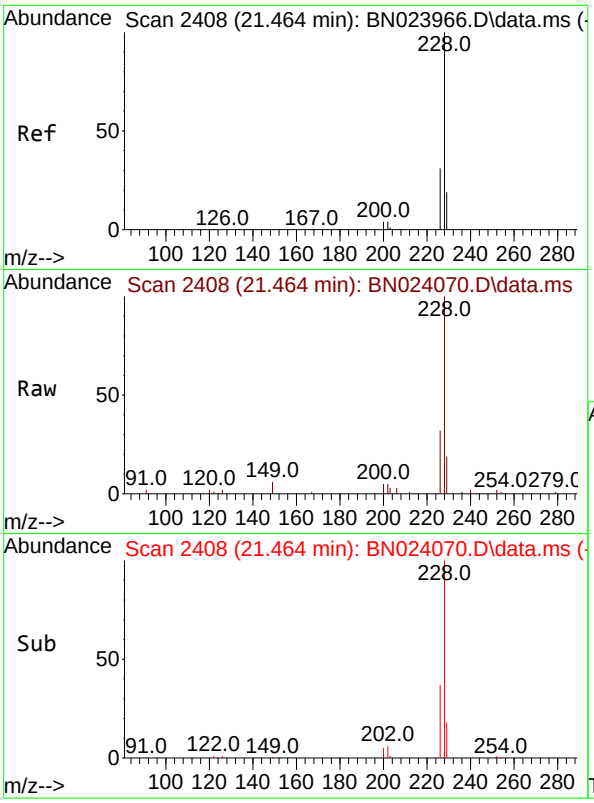


#32
Benzo(a)anthracene
Concen: 0.388 ng
RT: 21.419 min Scan# 2403
Delta R.T. 0.009 min
Lab File: BN024070.D
Acq: 17 Feb 2023 18:15

Tgt Ion:228 Resp: 13497

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.8
229	19.8	15.9	23.9



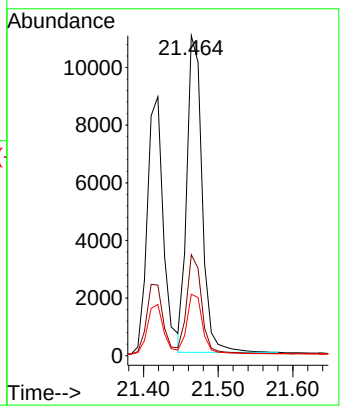


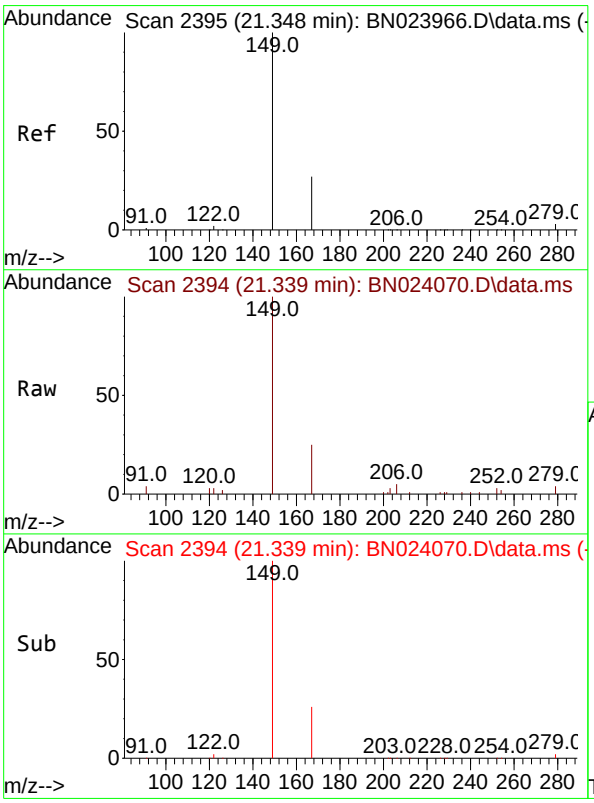
#33
Chrysene
Concen: 0.416 ng
RT: 21.464 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN024070.D
Acq: 17 Feb 2023 18:15

Instrument :
BNA_N
ClientSampleId :
PB150903BS

Tgt Ion:228 Resp: 15628

Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.2	37.8
229	19.2	15.7	23.5

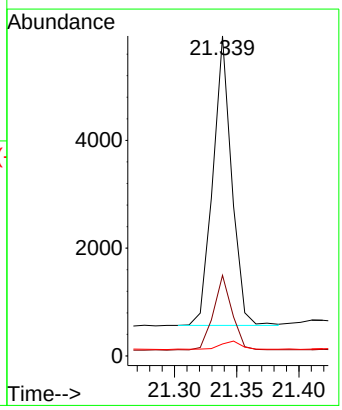


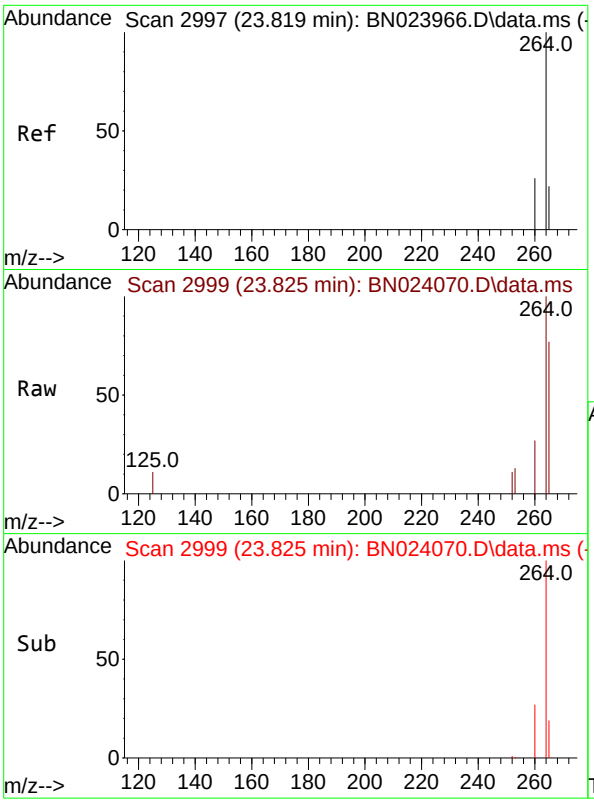


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.355 ng
RT: 21.339 min Scan# 2394
Delta R.T. 0.000 min
Lab File: BN024070.D
Acq: 17 Feb 2023 18:15

Tgt Ion:149 Resp: 5644

Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.1	31.7
279	3.5	3.1	4.7



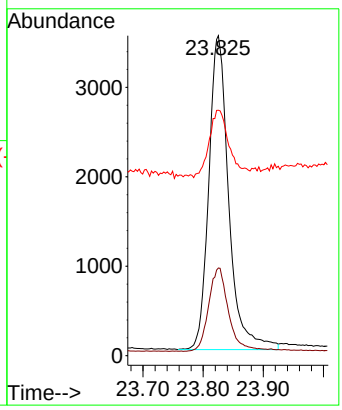


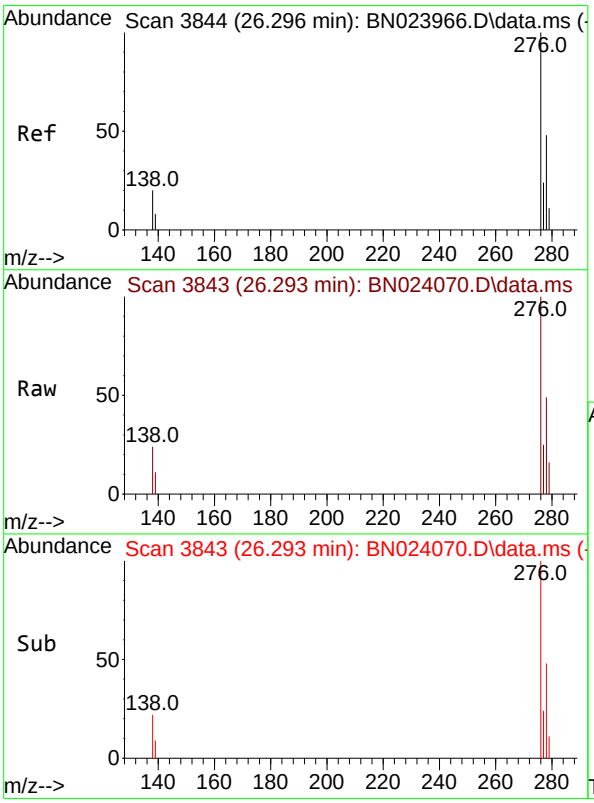
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.825 min Scan# 2
Delta R.T. 0.006 min
Lab File: BN024070.D
Acq: 17 Feb 2023 18:15

Instrument :
BNA_N
ClientSampleId :
PB150903BS

Tgt Ion:264 Resp: 8080

Ion	Ratio	Lower	Upper
264	100		
260	27.4	21.4	32.0
265	76.7	41.4	62.0#

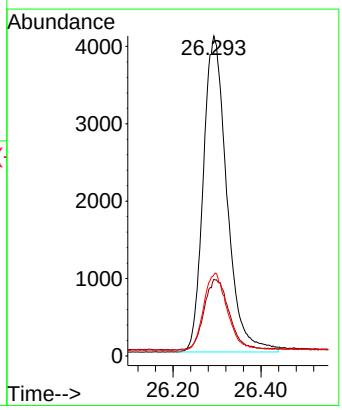


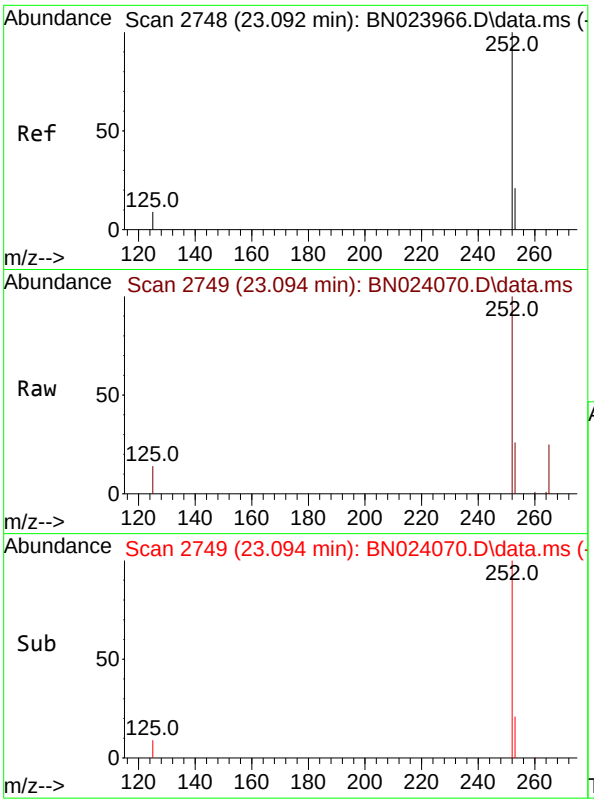


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.415 ng
RT: 26.293 min Scan# 3843
Delta R.T. 0.000 min
Lab File: BN024070.D
Acq: 17 Feb 2023 18:15

Tgt Ion:276 Resp: 15247

Ion	Ratio	Lower	Upper
276	100		
138	23.9	18.0	27.0
277	24.6	19.9	29.9



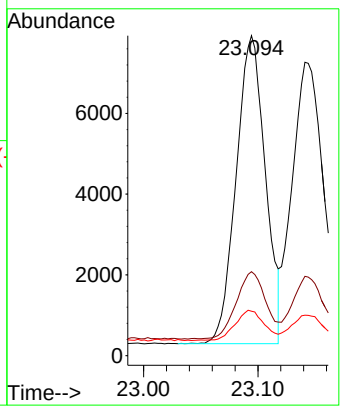


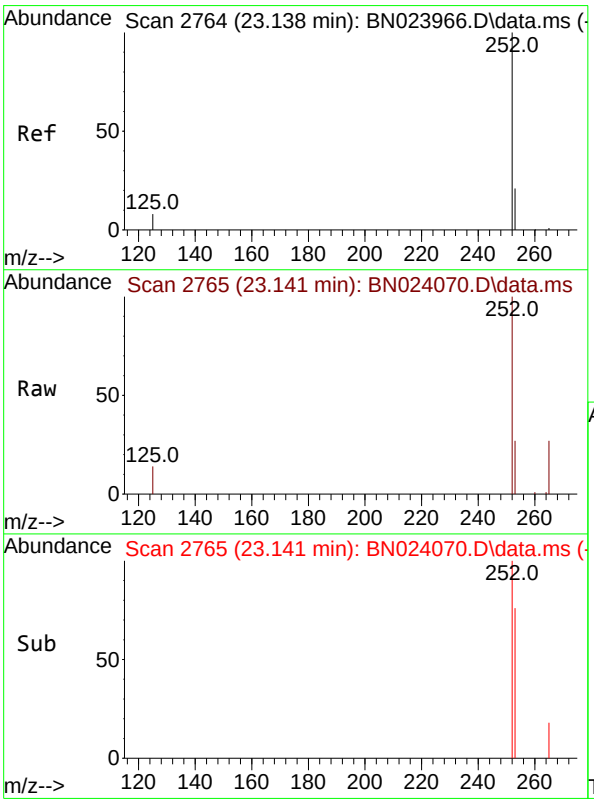
#37
Benzo(b)fluoranthene
Concen: 0.414 ng
RT: 23.094 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN024070.D
Acq: 17 Feb 2023 18:15

Instrument :
BNA_N
ClientSampleId :
PB150903BS

Tgt Ion:252 Resp: 13537

Ion	Ratio	Lower	Upper
252	100		
253	26.2	19.8	29.6
125	13.9	9.4	14.0

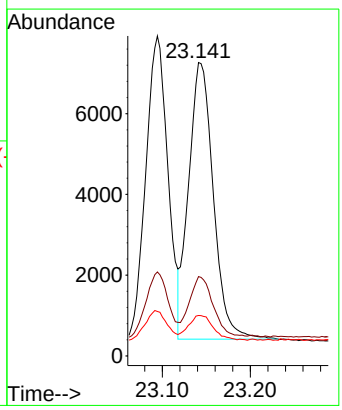


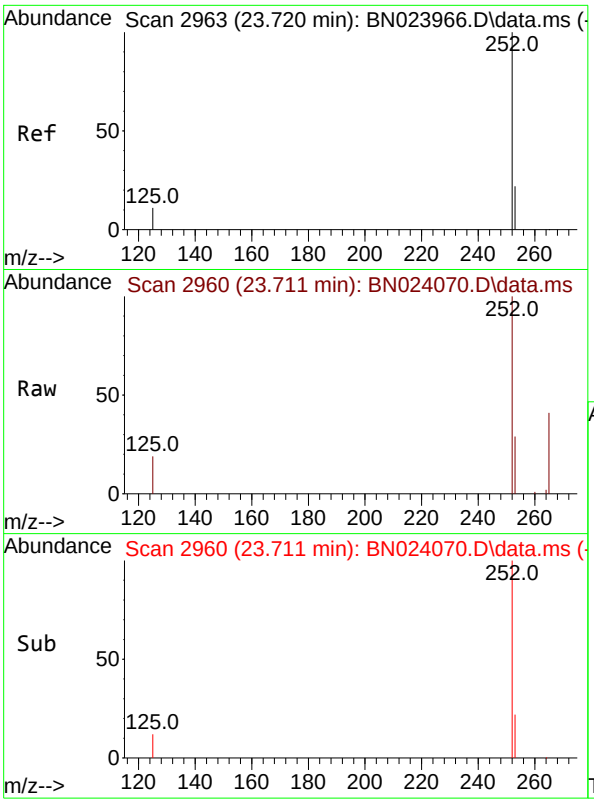


#38
Benzo(k)fluoranthene
Concen: 0.415 ng
RT: 23.141 min Scan# 2765
Delta R.T. 0.003 min
Lab File: BN024070.D
Acq: 17 Feb 2023 18:15

Tgt Ion:252 Resp: 13404

Ion	Ratio	Lower	Upper
252	100		
253	27.1	20.2	30.2
125	13.8	9.0	13.4#



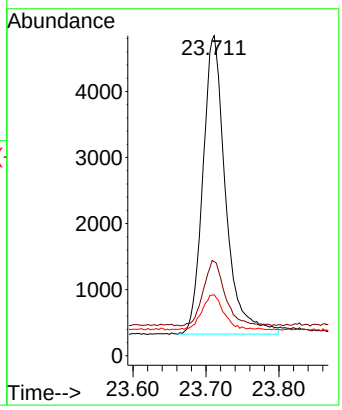


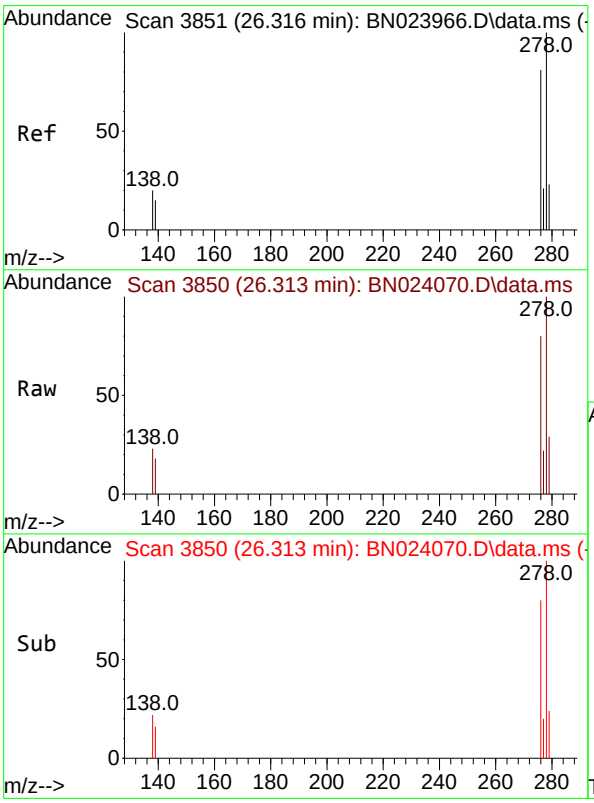
#39
Benzo(a)pyrene
Concen: 0.393 ng
RT: 23.711 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN024070.D
Acq: 17 Feb 2023 18:15

Instrument :
BNA_N
ClientSampleId :
PB150903BS

Tgt Ion:252 Resp: 9746

Ion	Ratio	Lower	Upper
252	100		
253	29.4	21.9	32.9
125	19.0	12.4	18.6#

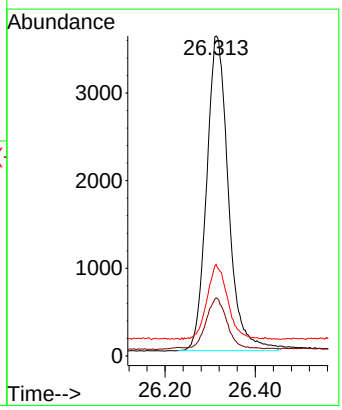


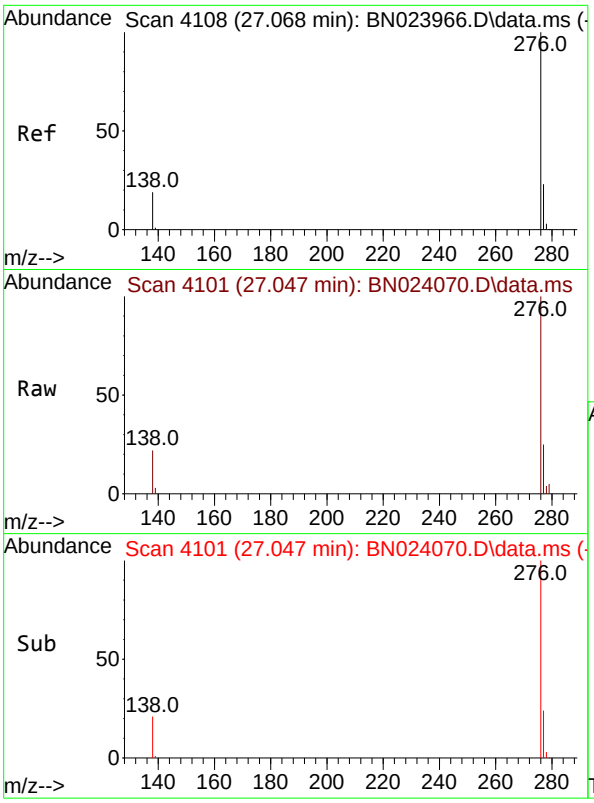


#40
Dibenzo(a,h)anthracene
Concen: 0.411 ng
RT: 26.313 min Scan# 3850
Delta R.T. 0.000 min
Lab File: BN024070.D
Acq: 17 Feb 2023 18:15

Tgt Ion:278 Resp: 12066

Ion	Ratio	Lower	Upper
278	100		
139	18.1	13.1	19.7
279	28.6	21.7	32.5





#41
Benzo(g,h,i)perylene
Concen: 0.429 ng
RT: 27.047 min Scan# 4
Delta R.T. -0.015 min
Lab File: BN024070.D
Acq: 17 Feb 2023 18:15

Instrument :
BNA_N
ClientSampleId :
PB150903BS

Tgt Ion:276 Resp: 13384

Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.6	29.4
138	22.3	16.2	24.4