Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021523\
Data File : BN024030.D
Acq On : 14 Feb 2023 19:17
Operator : CG/JU
Sample : PB150814BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB150814BS

Quant Time: Feb 15 02:59:33 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	3583	0.400	ng		0.00
7) Naphthalene-d8	10.637	136	9086	0.400	ng		# 0.00
13) Acenaphthene-d10	14.485	164	5541	0.400	ng		0.00
19) Phenanthrene-d10	17.228	188	12336	0.400	ng		# 0.00
29) Chrysene-d12	21.428	240	9132	0.400	ng		# 0.00
35) Perylene-d12	23.802	264	6342	0.400	ng		#-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.399	112	2756	0.370	ng		0.00
5) Phenol-d6	7.002	99	3328	0.379	ng		0.00
8) Nitrobenzene-d5	9.003	82	2798	0.384	ng		0.00
11) 2-Methylnaphthalene-d10	12.235	152	4961	0.393	ng		0.00
14) 2,4,6-Tribromophenol	15.975	330	959	0.336	ng		-0.01
15) 2-Fluorobiphenyl	13.105	172	8975	0.409	ng		0.00
27) Fluoranthene-d10	19.266	212	11113	0.371	ng		0.00
31) Terphenyl-d14	19.865	244	7285	0.427	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.268	88	1401	0.412	ng		97
3) n-Nitrosodimethylamine	3.608	42	1394	0.366	ng	#	97
6) bis(2-Chloroethyl)ether	7.262	93	3695	0.421	ng		100
9) Naphthalene	10.690	128	9313	0.411	ng		99
10) Hexachlorobutadiene	10.968	225	2528	0.425	ng	#	98
12) 2-Methylnaphthalene	12.306	142	6052	0.401	ng		99
16) Acenaphthylene	14.207	152	7948	0.368	ng		99
17) Acenaphthene	14.549	154	5971	0.407	ng		99
18) Fluorene	15.532	166	8119	0.408	ng		100
20) 4,6-Dinitro-2-methylph...	15.628	198	539	0.380	ng	#	77
21) 4-Bromophenyl-phenylether	16.422	248	3097	0.386	ng	#	83
22) Hexachlorobenzene	16.533	284	3948	0.409	ng		98
23) Atrazine	16.707	200	1827	0.348	ng		98
24) Pentachlorophenol	16.893	266	951	0.371	ng		95
25) Phenanthrene	17.278	178	13362	0.393	ng		100
26) Anthracene	17.365	178	10324	0.369	ng		100
28) Fluoranthene	19.296	202	14613	0.375	ng		100
30) Pyrene	19.663	202	14395	0.454	ng		100
32) Benzo(a)anthracene	21.410	228	10817	0.370	ng		98
33) Chrysene	21.464	228	12864	0.408	ng		99
34) Bis(2-ethylhexyl)phtha...	21.330	149	4709	0.353	ng		99
36) Indeno(1,2,3-cd)pyrene	26.261	276	11174	0.388	ng		99
37) Benzo(b)fluoranthene	23.080	252	10964	0.427	ng	#	93
38) Benzo(k)fluoranthene	23.127	252	10421	0.411	ng	#	94
39) Benzo(a)pyrene	23.700	252	7750	0.398	ng	#	91
40) Dibenzo(a,h)anthracene	26.278	278	8592	0.372	ng		97
41) Benzo(g,h,i)perylene	27.015	276	9854	0.403	ng		97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021523\
Data File : BN024030.D
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
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Quant Time: Feb 15 02:59:33 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
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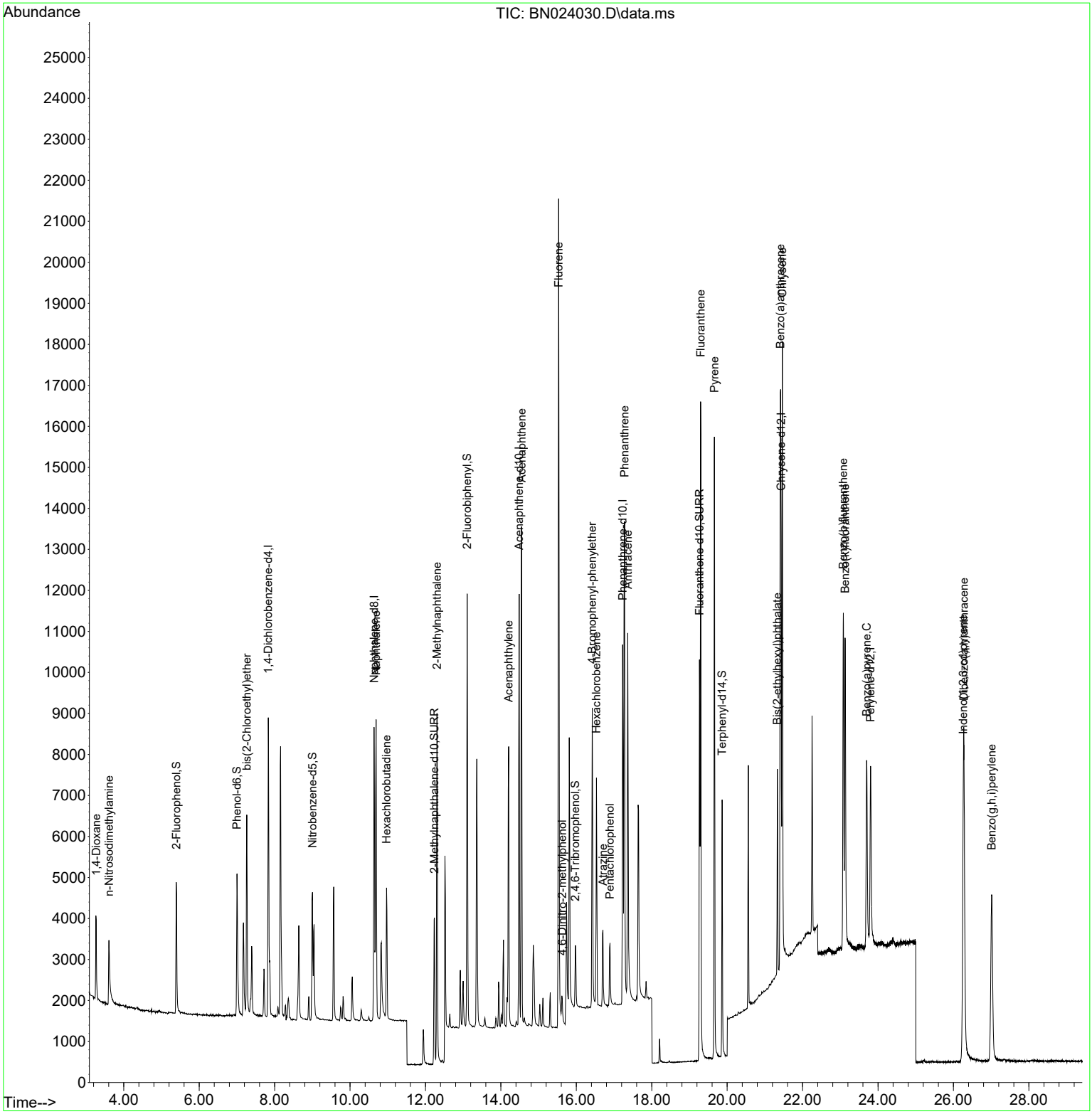
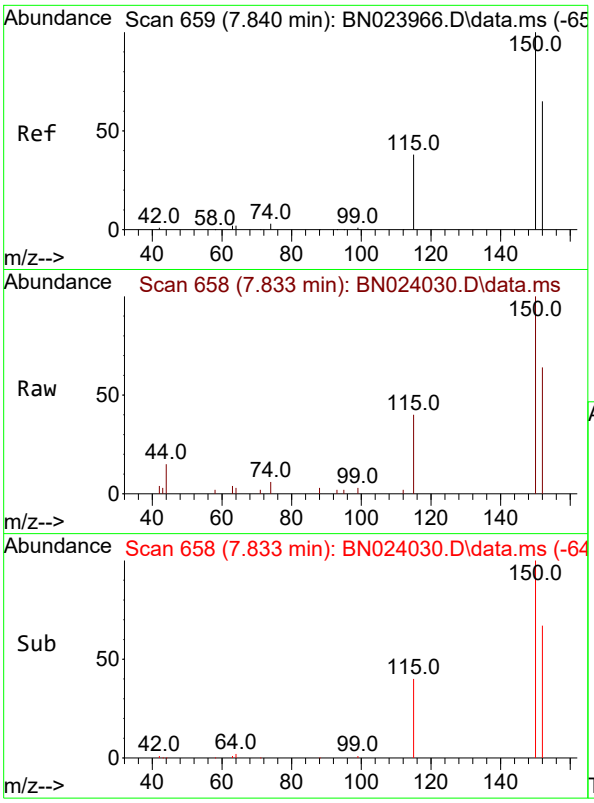


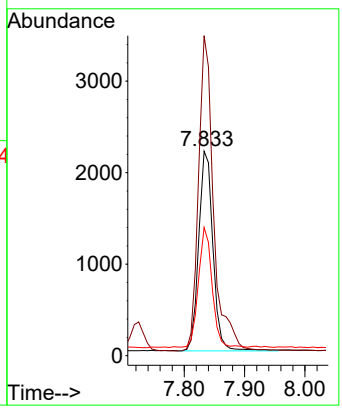


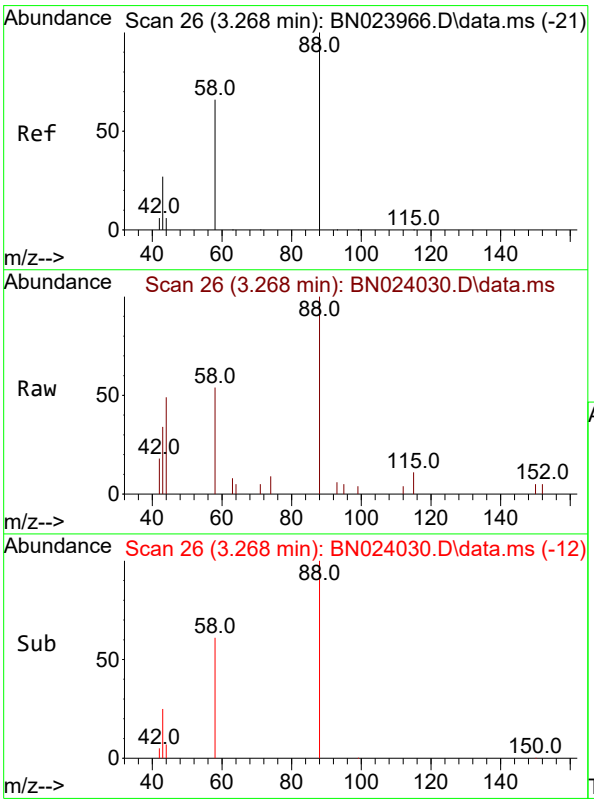
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.833 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN024030.D
Acq: 14 Feb 2023 19:17

Instrument :
BNA_N
ClientSampleId :
PB150814BS

Tgt Ion:152 Resp: 3583

Ion	Ratio	Lower	Upper
152	100		
150	156.5	121.8	182.6
115	62.7	47.7	71.5

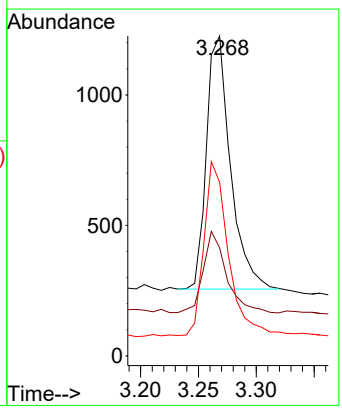


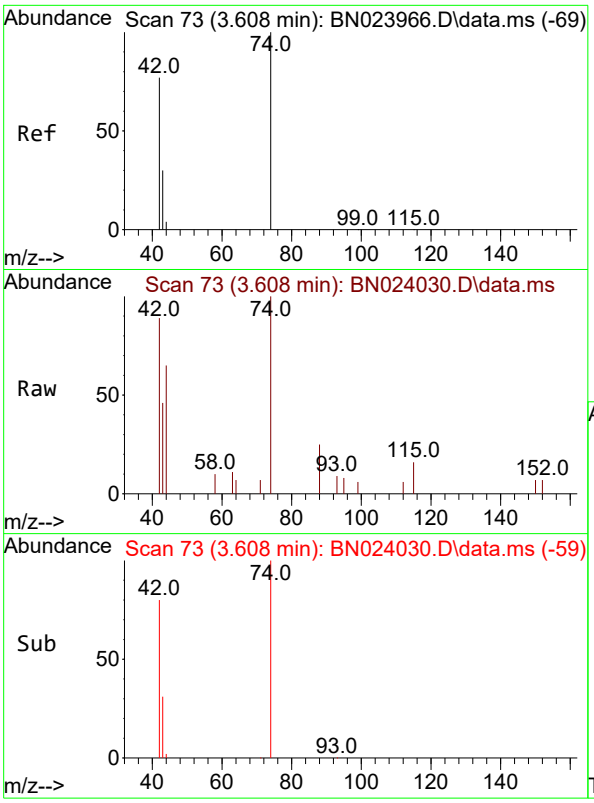


#2
1,4-Dioxane
Concen: 0.412 ng
RT: 3.268 min Scan# 26
Delta R.T. 0.000 min
Lab File: BN024030.D
Acq: 14 Feb 2023 19:17

Tgt Ion: 88 Resp: 1401

Ion	Ratio	Lower	Upper
88	100		
43	31.2	23.7	35.5
58	69.0	53.4	80.2



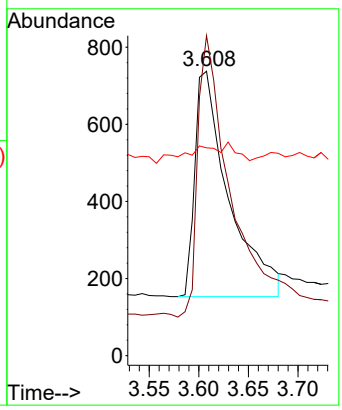


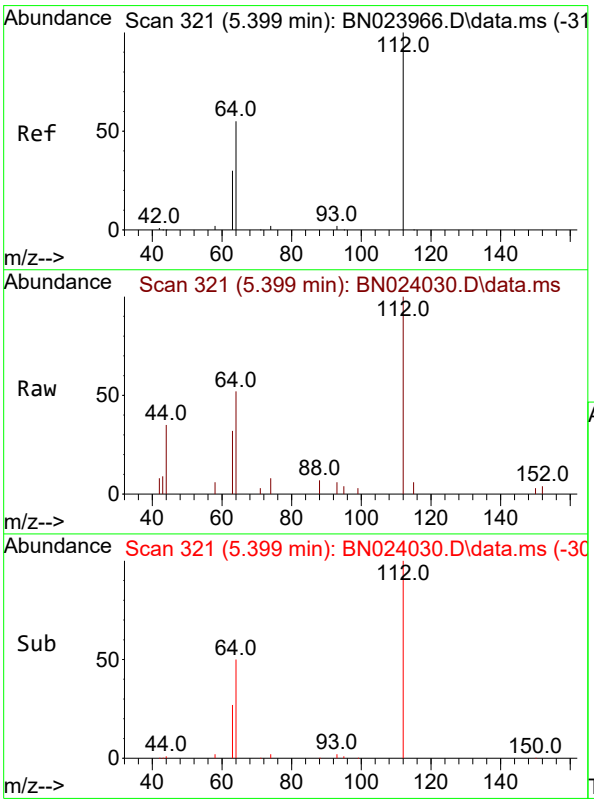
#3
n-Nitrosodimethylamine
Concen: 0.366 ng
RT: 3.608 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN024030.D
Acq: 14 Feb 2023 19:17

Instrument :
BNA_N
ClientSampleId :
PB150814BS

Tgt Ion: 42 Resp: 1394

Ion	Ratio	Lower	Upper
42	100		
74	120.6	99.3	148.9
44	8.1	4.2	6.4#

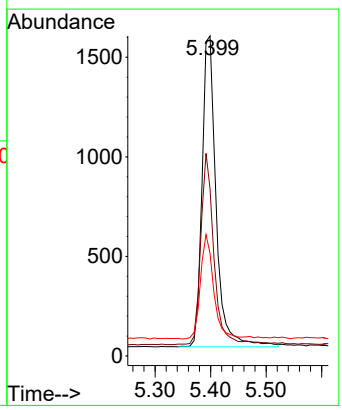


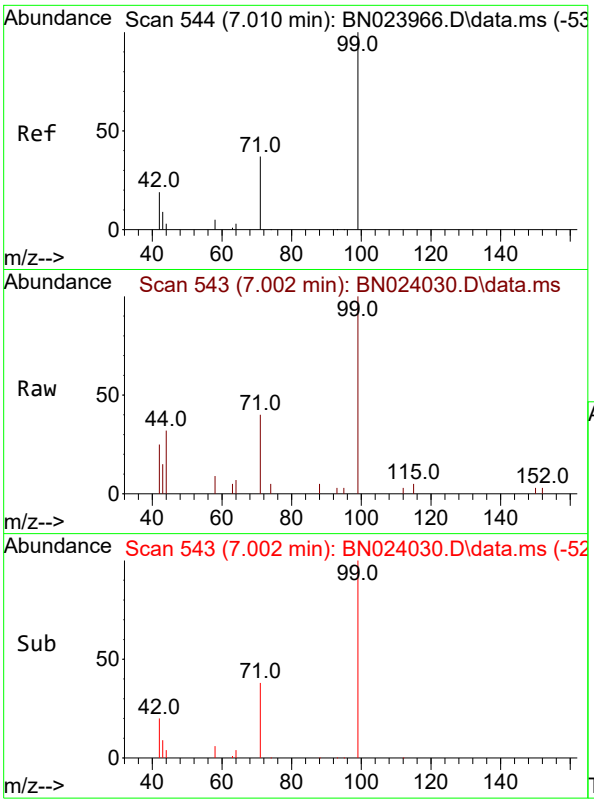


#4
2-Fluorophenol
Concen: 0.370 ng
RT: 5.399 min Scan# 321
Delta R.T. 0.000 min
Lab File: BN024030.D
Acq: 14 Feb 2023 19:17

Tgt Ion:112 Resp: 2756

Ion	Ratio	Lower	Upper
112	100		
64	56.2	44.8	67.2
63	31.6	25.1	37.7



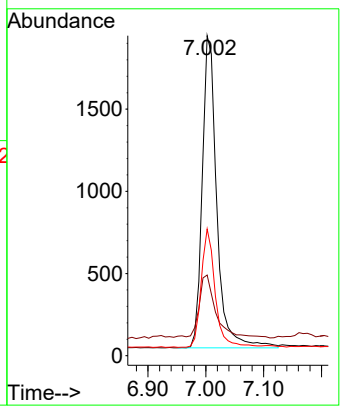


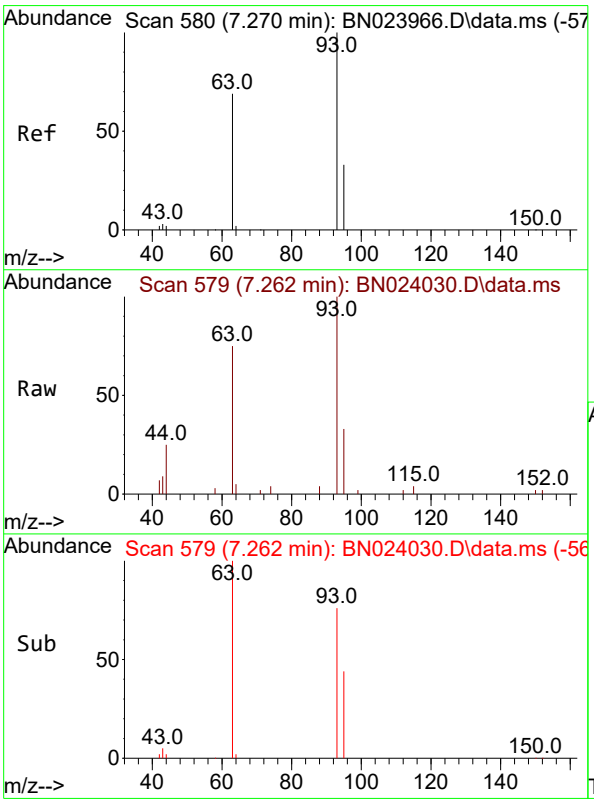
#5
Phenol-d6
Concen: 0.379 ng
RT: 7.002 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN024030.D
Acq: 14 Feb 2023 19:17

Instrument :
BNA_N
ClientSampleId :
PB150814BS

Tgt Ion: 99 Resp: 3328

Ion	Ratio	Lower	Upper
99	100		
42	23.5	17.0	25.6
71	36.4	29.0	43.4

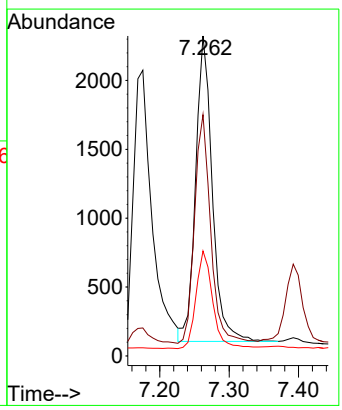


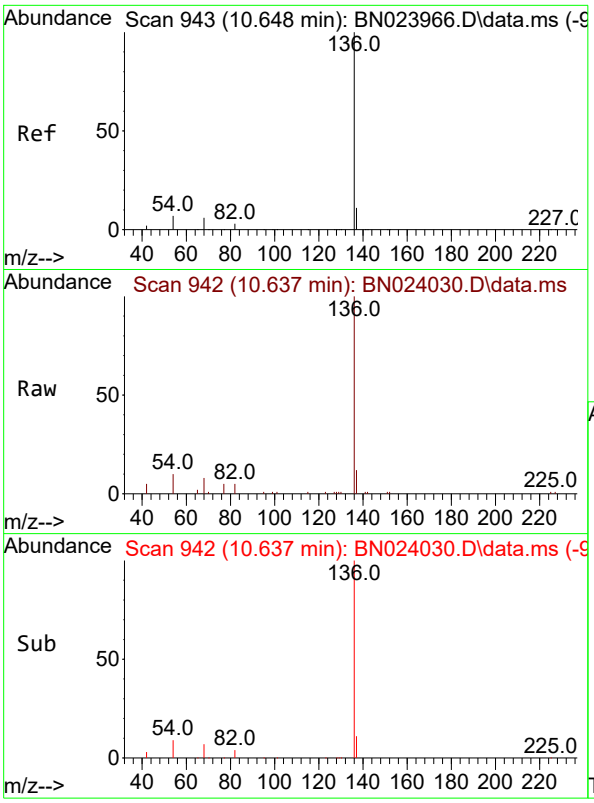


#6
bis(2-Chloroethyl)ether
Concen: 0.421 ng
RT: 7.262 min Scan# 579
Delta R.T. 0.000 min
Lab File: BN024030.D
Acq: 14 Feb 2023 19:17

Tgt Ion: 93 Resp: 3695

Ion	Ratio	Lower	Upper
93	100		
63	72.8	58.4	87.6
95	32.2	25.8	38.6



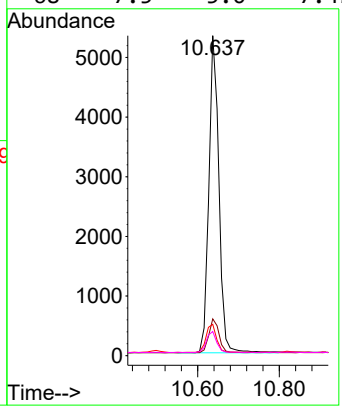


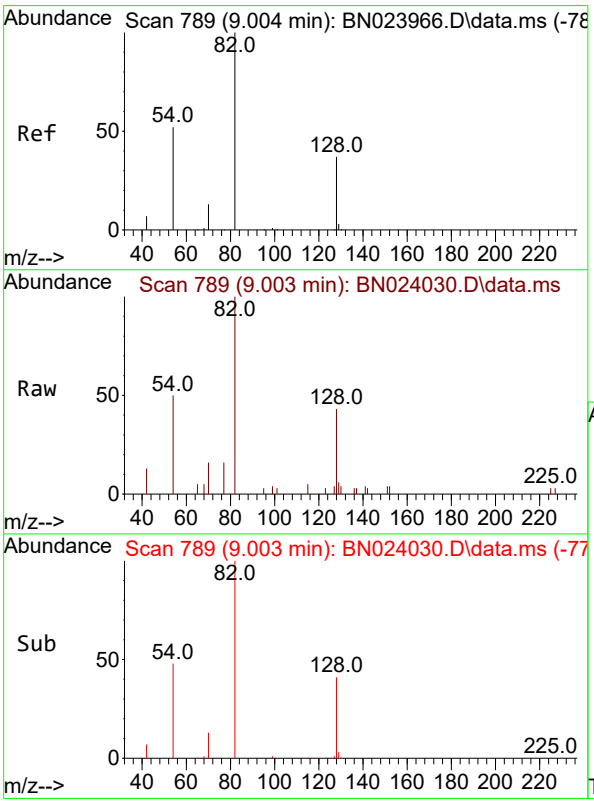
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN024030.D
Acq: 14 Feb 2023 19:17

Instrument :
BNA_N
ClientSampleId :
PB150814BS

Tgt Ion:136 Resp: 9086

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	9.8	5.8	8.8#
68	7.5	5.0	7.4#

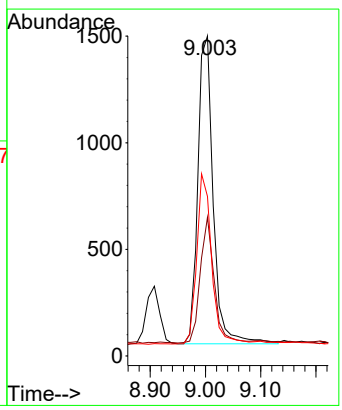


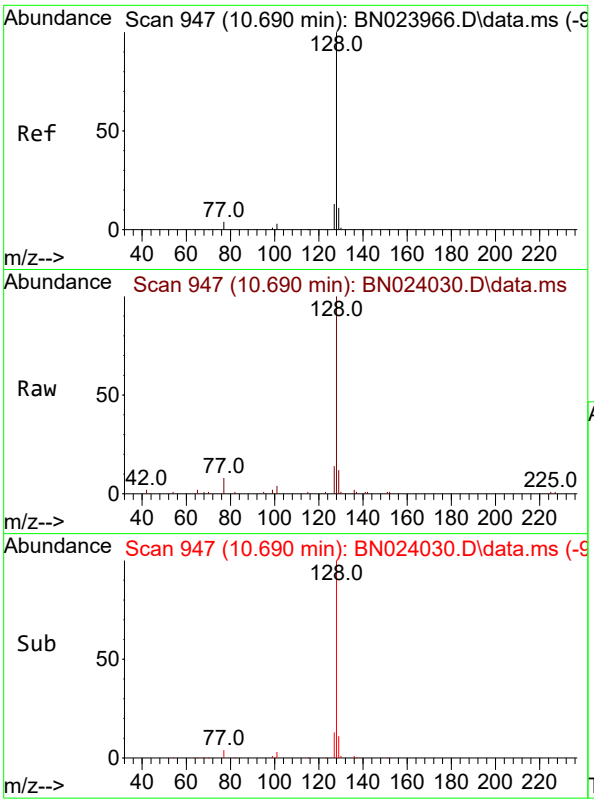


#8
Nitrobenzene-d5
Concen: 0.384 ng
RT: 9.003 min Scan# 789
Delta R.T. 0.000 min
Lab File: BN024030.D
Acq: 14 Feb 2023 19:17

Tgt Ion: 82 Resp: 2798

Ion	Ratio	Lower	Upper
82	100		
128	43.4	31.5	47.3
54	49.8	42.8	64.2



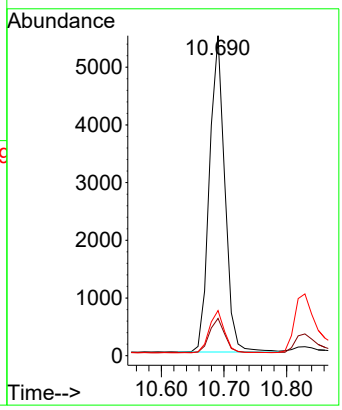


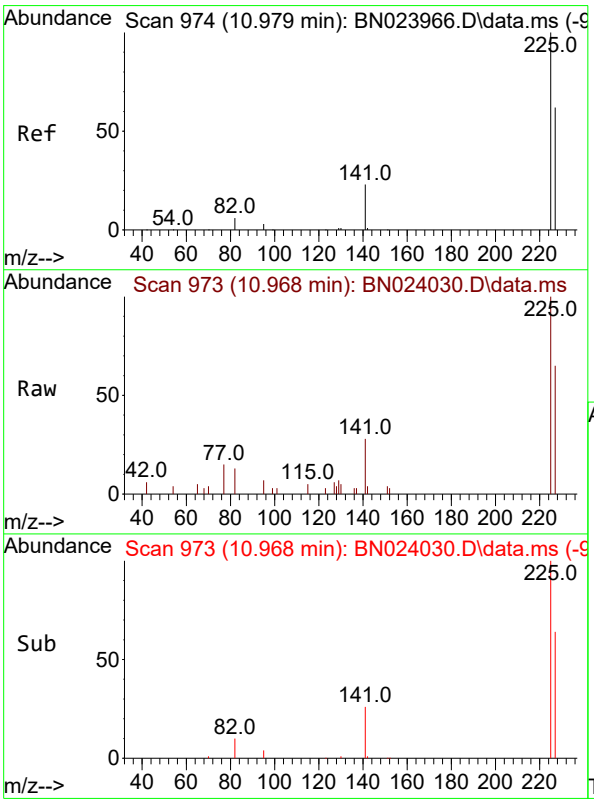
#9
Naphthalene
Concen: 0.411 ng
RT: 10.690 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN024030.D
Acq: 14 Feb 2023 19:17

Instrument :
BNA_N
ClientSampleId :
PB150814BS

Tgt Ion:128 Resp: 9313

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.3	13.9
127	14.1	11.0	16.4

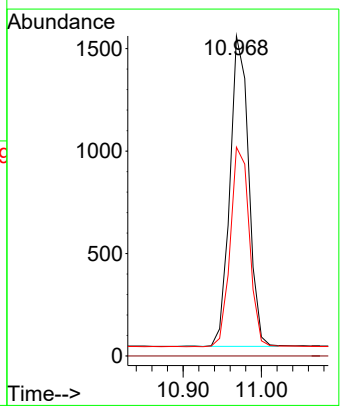


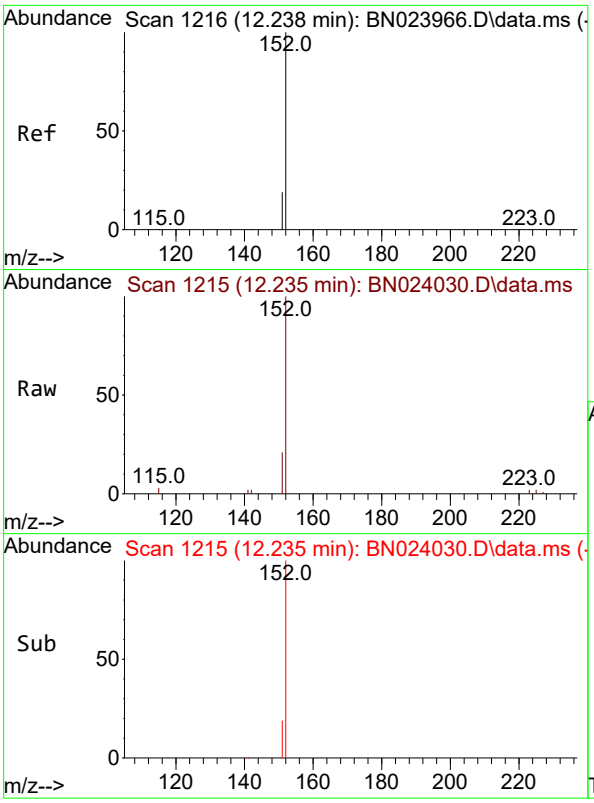


#10
Hexachlorobutadiene
Concen: 0.425 ng
RT: 10.968 min Scan# 973
Delta R.T. 0.000 min
Lab File: BN024030.D
Acq: 14 Feb 2023 19:17

Tgt Ion:225 Resp: 2528

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	65.3	51.1	76.7



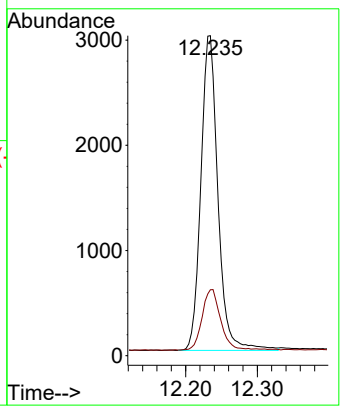


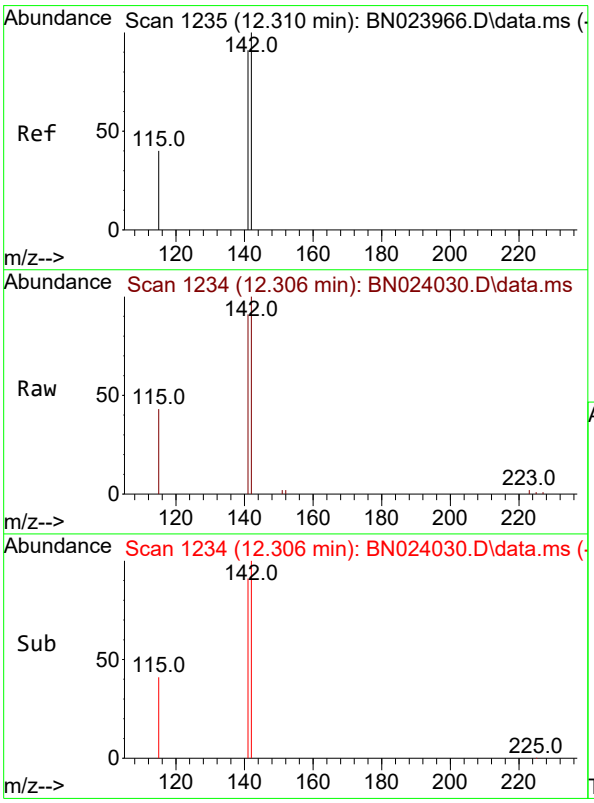
#11
2-Methylnaphthalene-d10
Concen: 0.393 ng
RT: 12.235 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN024030.D
Acq: 14 Feb 2023 19:17

Instrument :
BNA_N
ClientSampleId :
PB150814BS

Tgt Ion:152 Resp: 4961

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.6	24.8

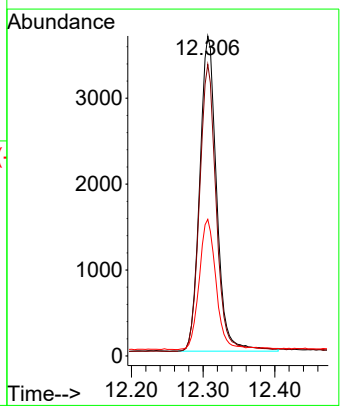


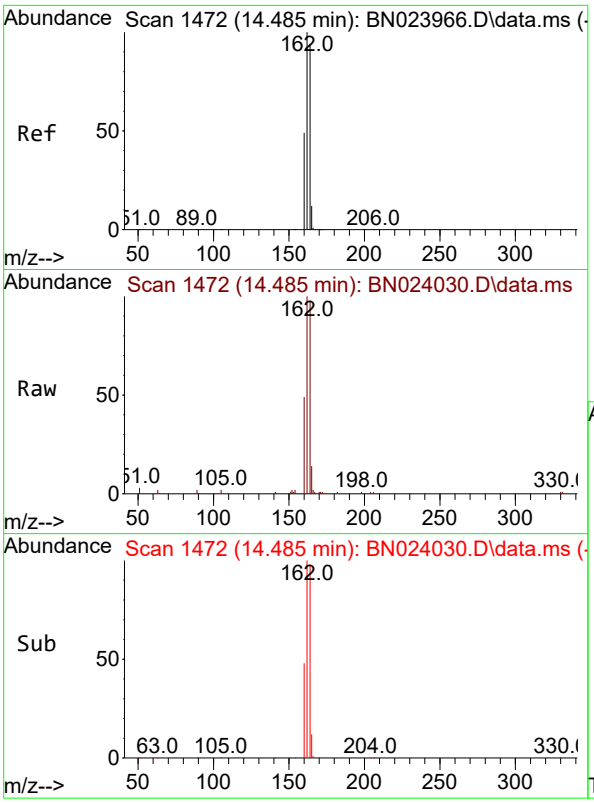


#12
2-Methylnaphthalene
Concen: 0.401 ng
RT: 12.306 min Scan# 1234
Delta R.T. 0.000 min
Lab File: BN024030.D
Acq: 14 Feb 2023 19:17

Tgt Ion:142 Resp: 6052

Ion	Ratio	Lower	Upper
142	100		
141	91.1	72.9	109.3
115	42.7	33.1	49.7



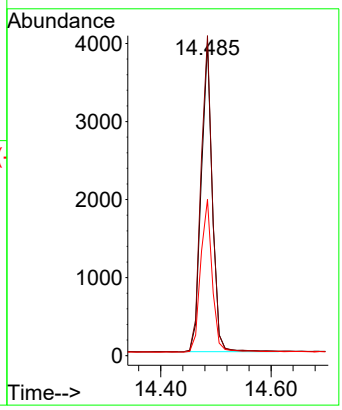


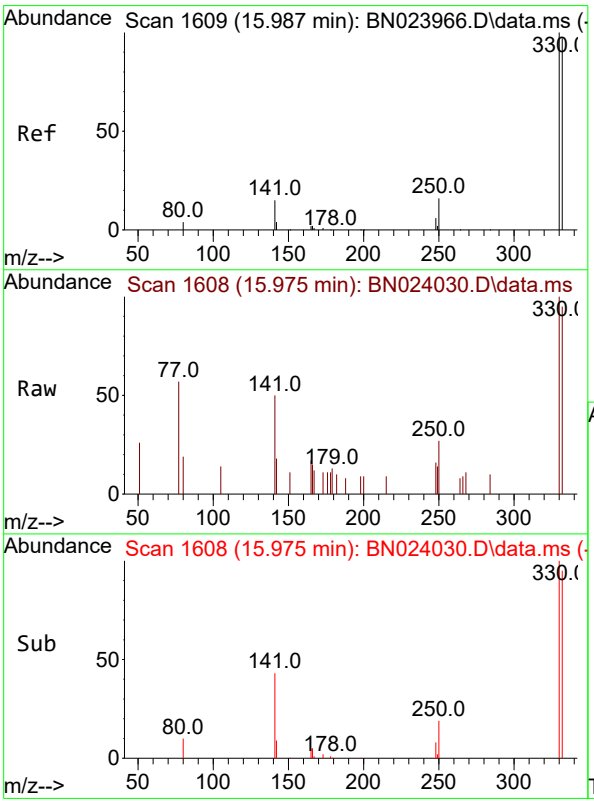
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.485 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN024030.D
Acq: 14 Feb 2023 19:17

Instrument :
BNA_N
ClientSampleId :
PB150814BS

Tgt Ion:164 Resp: 5541

Ion	Ratio	Lower	Upper
164	100		
162	102.1	84.8	127.2
160	49.8	42.0	63.0

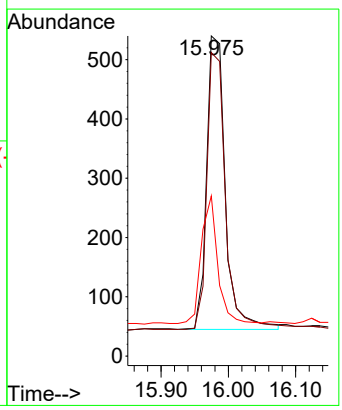


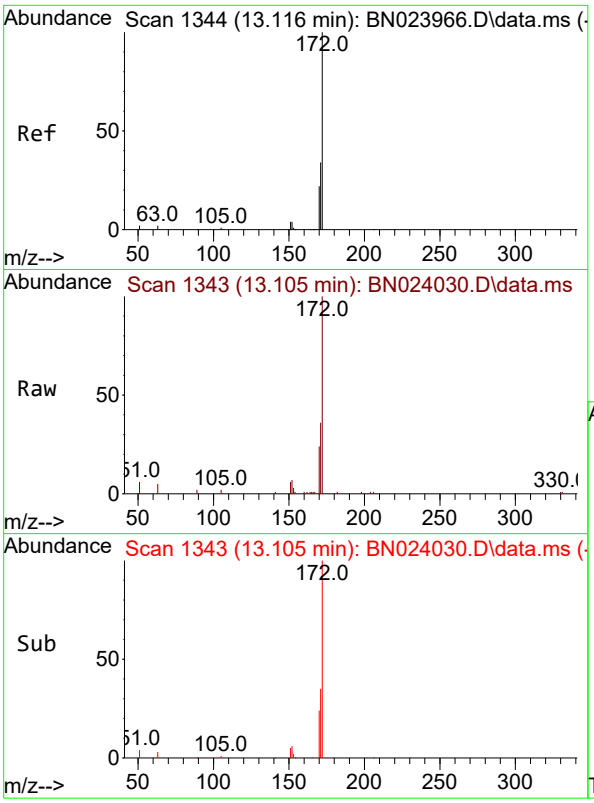


#14
2,4,6-Tribromophenol
Concen: 0.336 ng
RT: 15.975 min Scan# 1608
Delta R.T. -0.012 min
Lab File: BN024030.D
Acq: 14 Feb 2023 19:17

Tgt Ion:330 Resp: 959

Ion	Ratio	Lower	Upper
330	100		
332	94.2	77.7	116.5
141	37.9	26.6	39.8



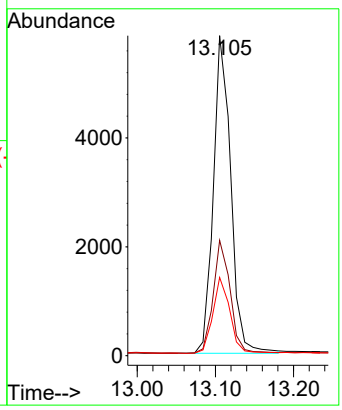


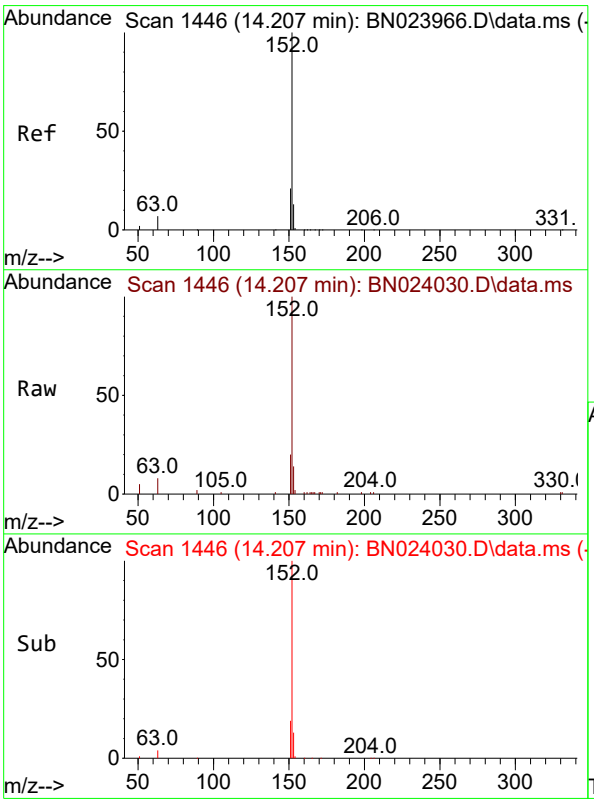
#15
2-Fluorobiphenyl
Concen: 0.409 ng
RT: 13.105 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN024030.D
Acq: 14 Feb 2023 19:17

Instrument :
BNA_N
ClientSampleId :
PB150814BS

Tgt Ion:172 Resp: 8975

Ion	Ratio	Lower	Upper
172	100		
171	36.1	27.4	41.2
170	24.4	18.2	27.4

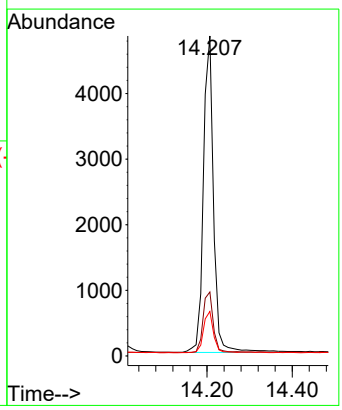


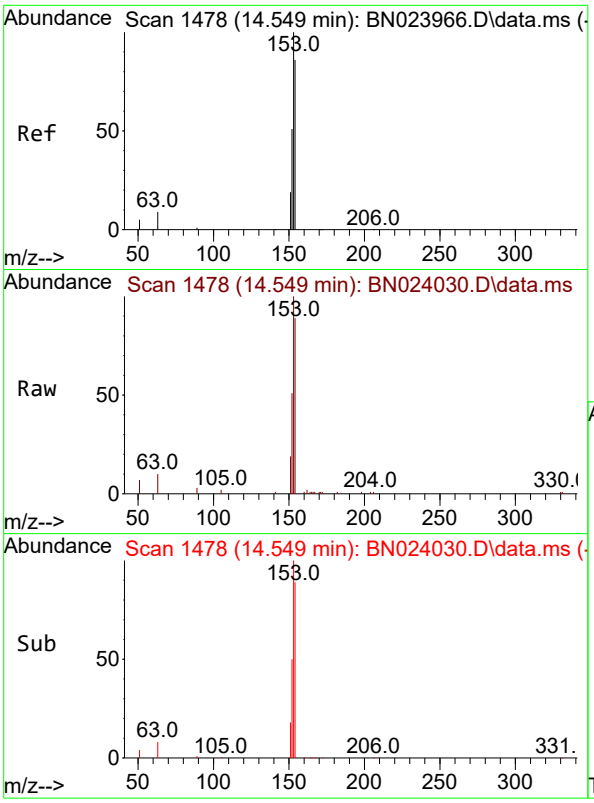


#16
Acenaphthylene
Concen: 0.368 ng
RT: 14.207 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BN024030.D
Acq: 14 Feb 2023 19:17

Tgt Ion:152 Resp: 7948

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.9	23.9
153	13.0	10.5	15.7



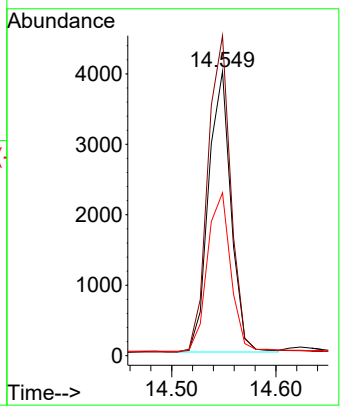


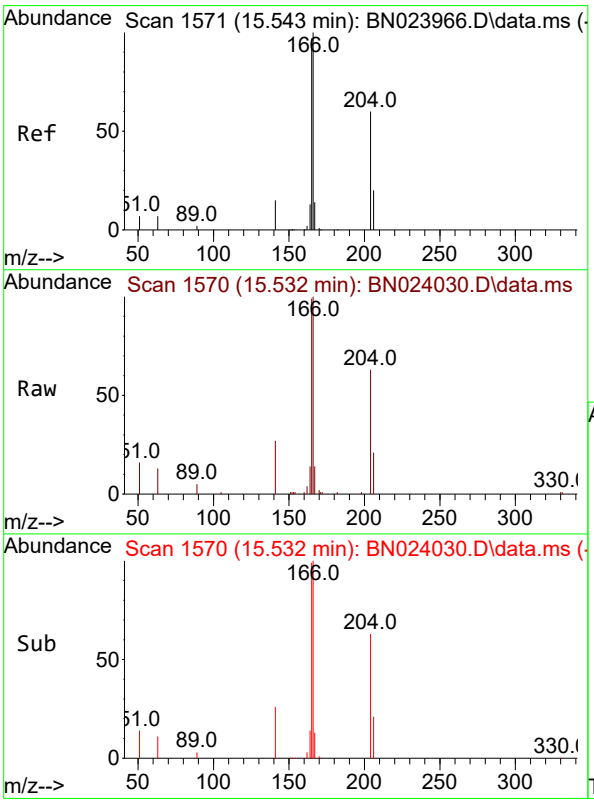
#17
Acenaphthene
Concen: 0.407 ng
RT: 14.549 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN024030.D
Acq: 14 Feb 2023 19:17

Instrument :
BNA_N
ClientSampleId :
PB150814BS

Tgt Ion:154 Resp: 5971

Ion	Ratio	Lower	Upper
154	100		
153	116.0	92.6	139.0
152	59.4	46.5	69.7

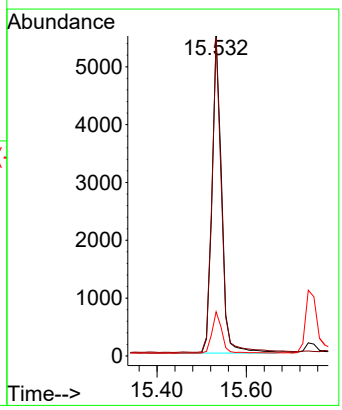


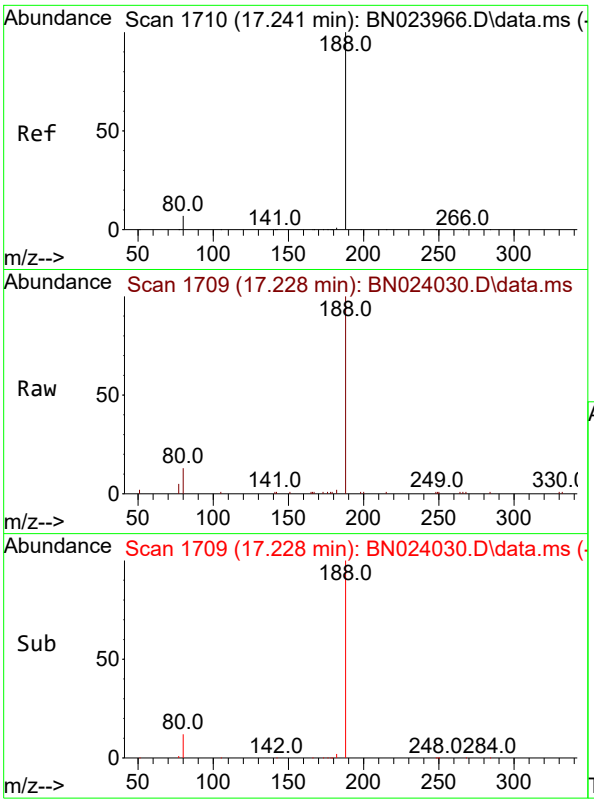


#18
Fluorene
Concen: 0.408 ng
RT: 15.532 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BN024030.D
Acq: 14 Feb 2023 19:17

Tgt Ion:166 Resp: 8119

Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.3	118.9
167	13.6	11.0	16.6



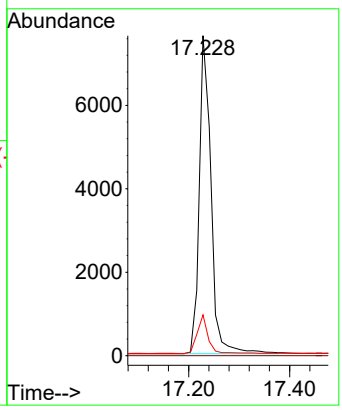


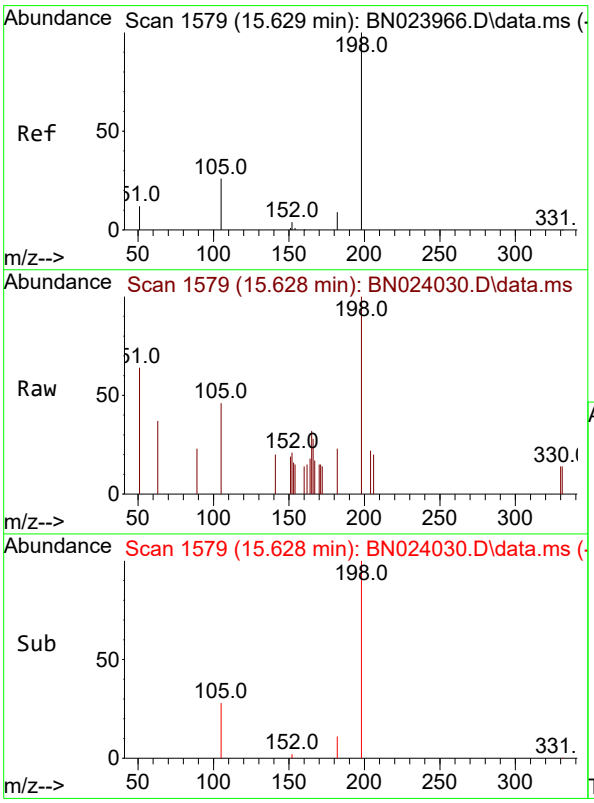
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.228 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN024030.D
Acq: 14 Feb 2023 19:17

Instrument :
BNA_N
ClientSampleId :
PB150814BS

Tgt Ion:188 Resp: 12336

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.7	6.1	9.1#

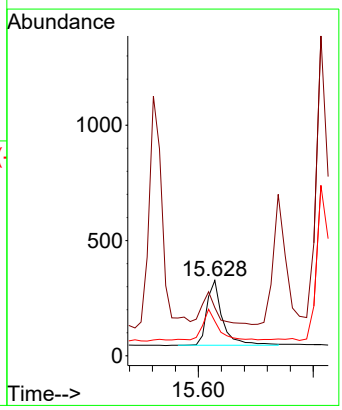


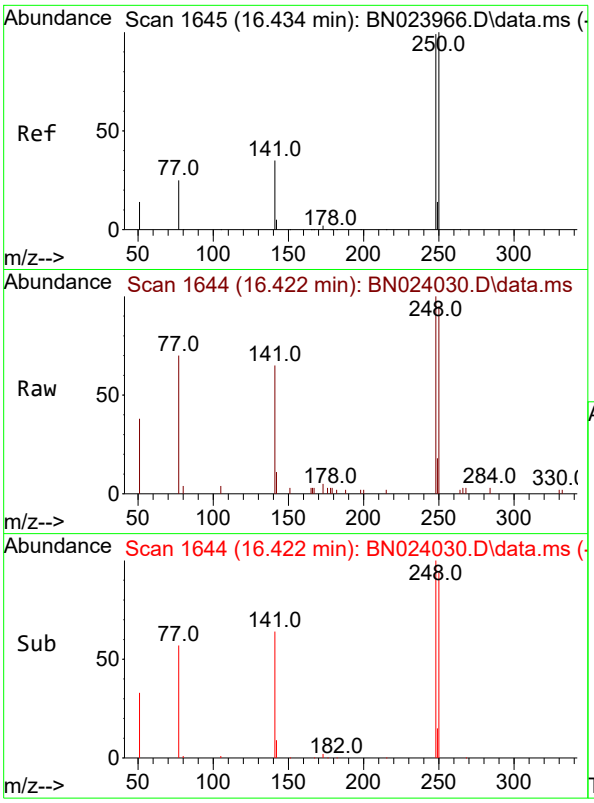


#20
4,6-Dinitro-2-methylphenol
Concen: 0.380 ng
RT: 15.628 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BN024030.D
Acq: 14 Feb 2023 19:17

Tgt Ion:198 Resp: 539

Ion	Ratio	Lower	Upper
198	100		
51	63.9	36.8	55.2#
105	45.9	28.8	43.2#



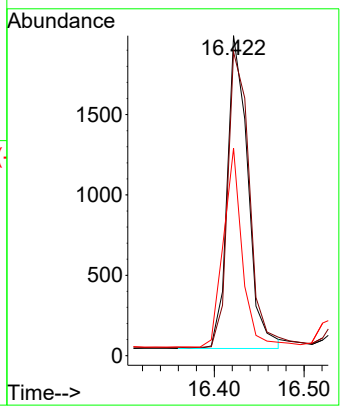


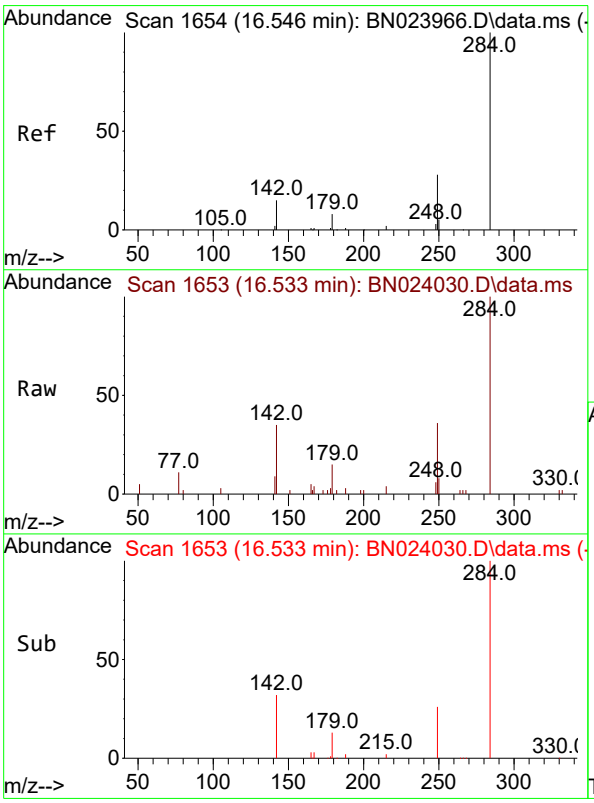
#21
4-Bromophenyl-phenylether
Concen: 0.386 ng
RT: 16.422 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN024030.D
Acq: 14 Feb 2023 19:17

Instrument :
BNA_N
ClientSampleId :
PB150814BS

Tgt Ion:248 Resp: 3097

Ion	Ratio	Lower	Upper
248	100		
250	94.9	80.8	121.2
141	64.8	29.2	43.8#

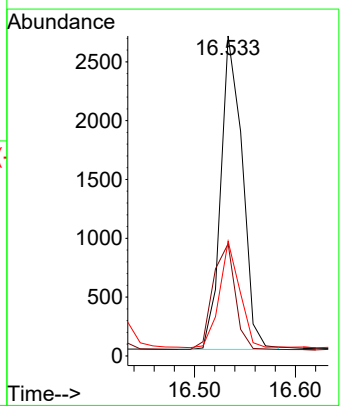


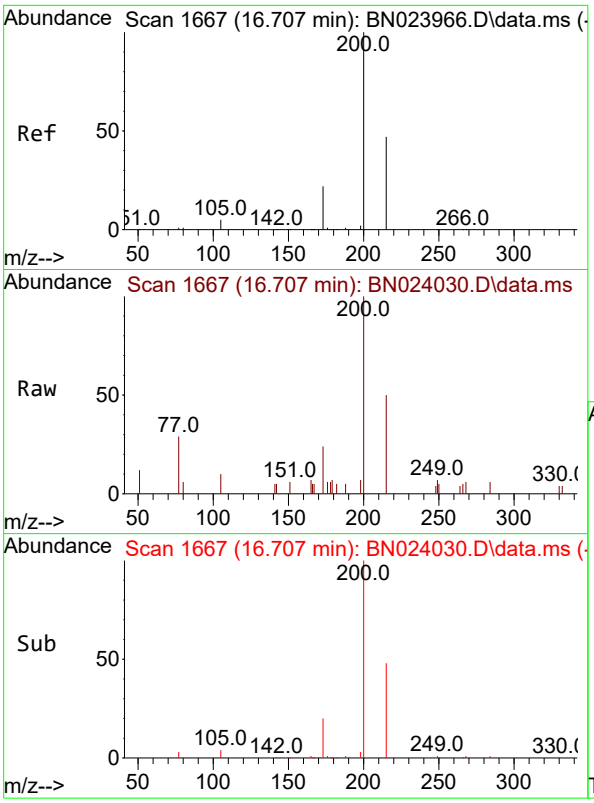


#22
Hexachlorobenzene
Concen: 0.409 ng
RT: 16.533 min Scan# 1653
Delta R.T. 0.000 min
Lab File: BN024030.D
Acq: 14 Feb 2023 19:17

Tgt Ion:284 Resp: 3948

Ion	Ratio	Lower	Upper
284	100		
142	34.6	26.2	39.2
249	31.8	25.0	37.4



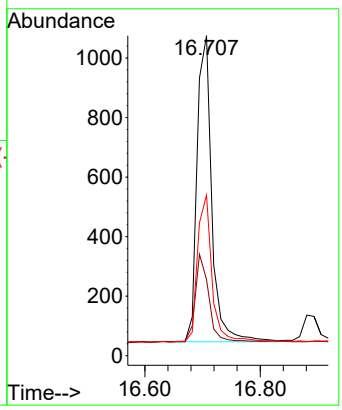


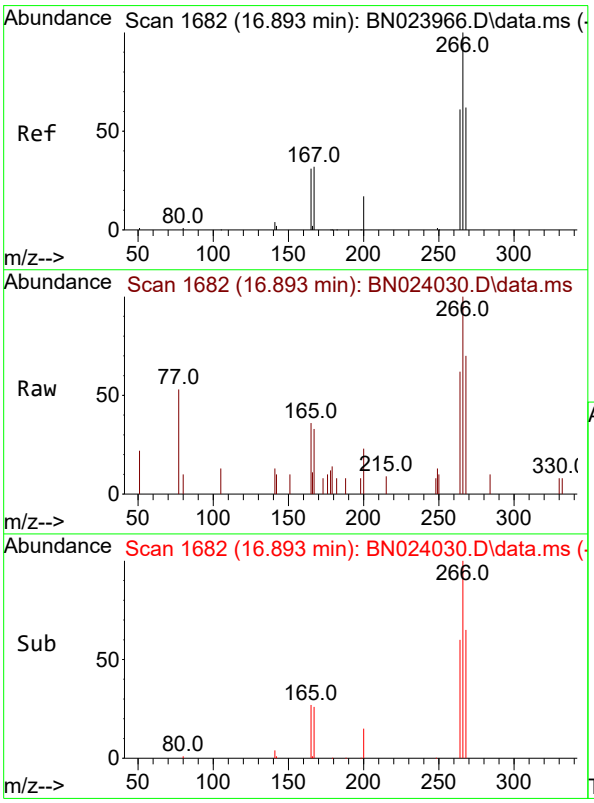
#23
Atrazine
Concen: 0.348 ng
RT: 16.707 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN024030.D
Acq: 14 Feb 2023 19:17

Instrument :
BNA_N
ClientSampleId :
PB150814BS

Tgt Ion:200 Resp: 1827

Ion	Ratio	Lower	Upper
200	100		
173	23.8	19.5	29.3
215	50.2	38.6	58.0

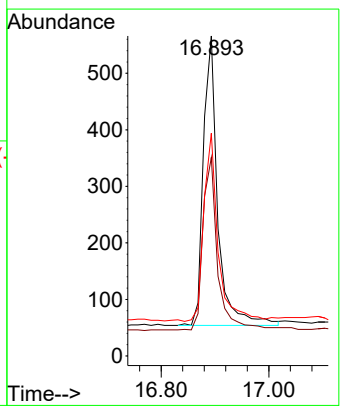


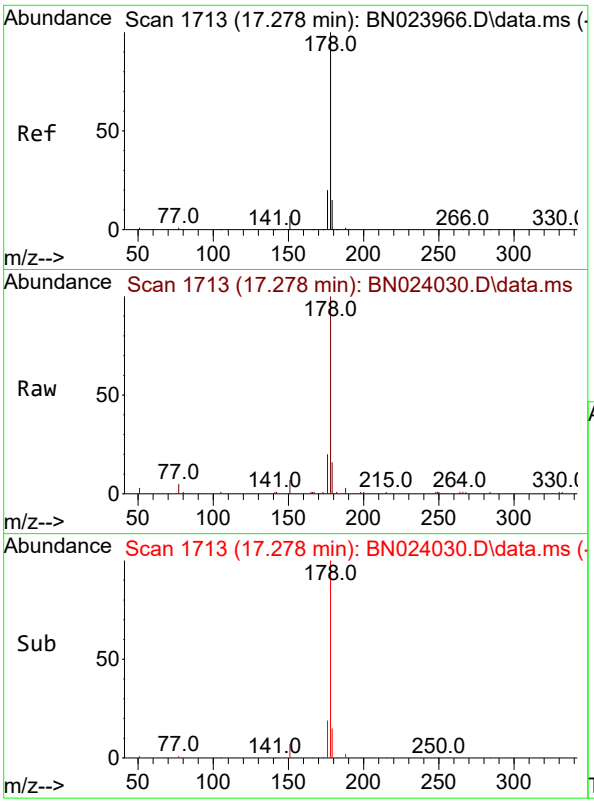


#24
Pentachlorophenol
Concen: 0.371 ng
RT: 16.893 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN024030.D
Acq: 14 Feb 2023 19:17

Tgt Ion:266 Resp: 951

Ion	Ratio	Lower	Upper
266	100		
264	61.0	47.6	71.4
268	64.8	47.5	71.3



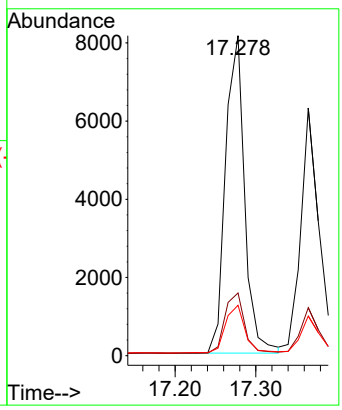


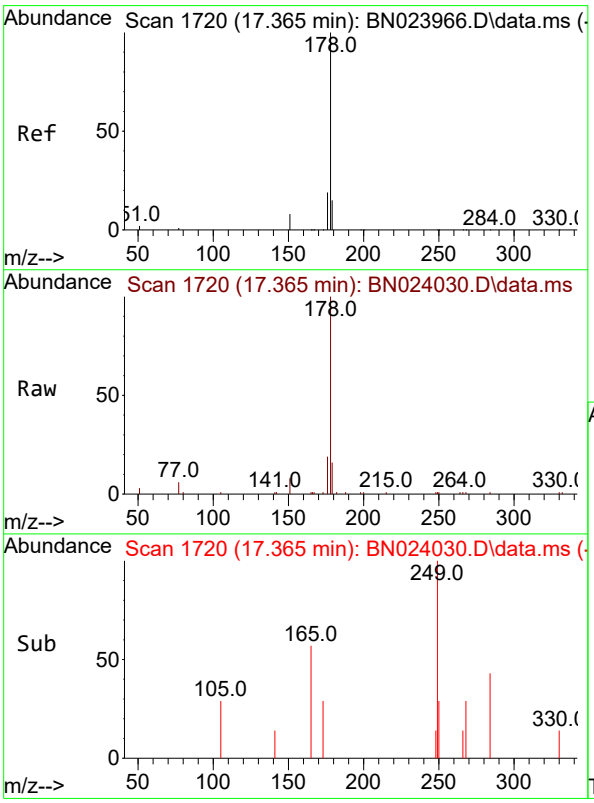
#25
Phenanthrene
Concen: 0.393 ng
RT: 17.278 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN024030.D
Acq: 14 Feb 2023 19:17

Instrument :
BNA_N
ClientSampleId :
PB150814BS

Tgt Ion:178 Resp: 13362

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	15.6	12.6	19.0

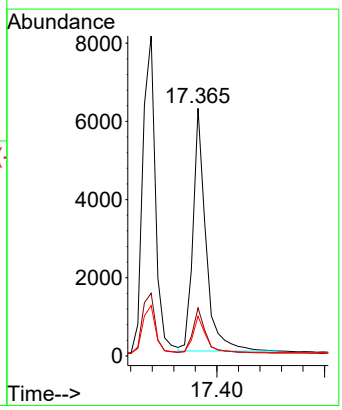


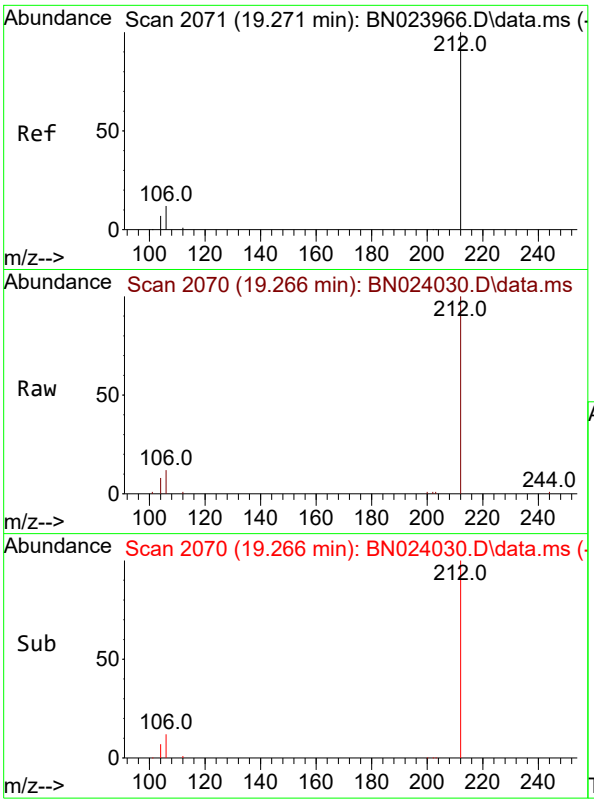


#26
Anthracene
Concen: 0.369 ng
RT: 17.365 min Scan# 1720
Delta R.T. 0.000 min
Lab File: BN024030.D
Acq: 14 Feb 2023 19:17

Tgt Ion:178 Resp: 10324

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.1	12.2	18.4



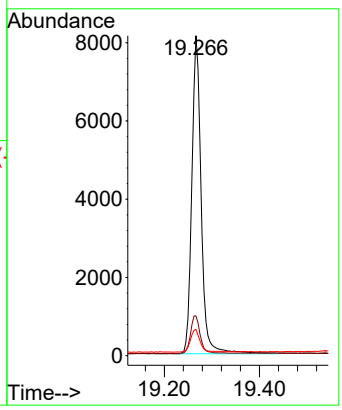


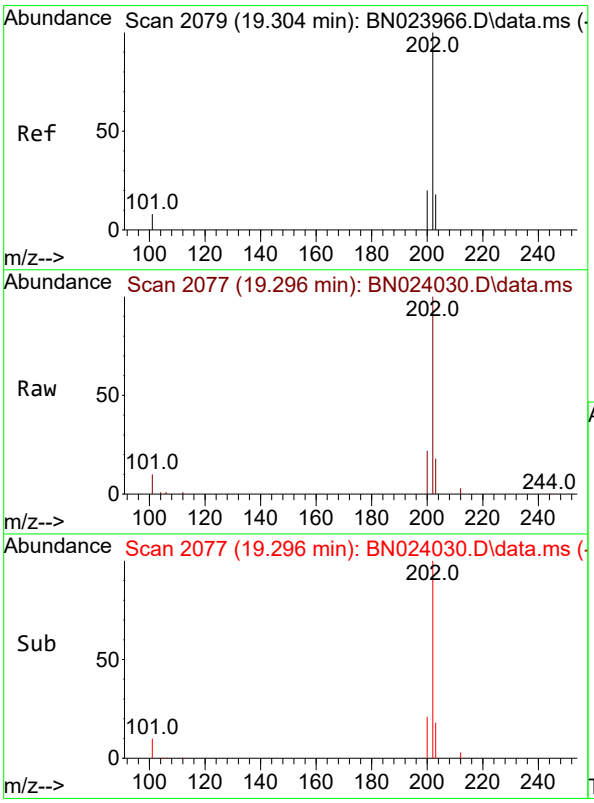
#27
Fluoranthene-d10
Concen: 0.371 ng
RT: 19.266 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN024030.D
Acq: 14 Feb 2023 19:17

Instrument :
BNA_N
ClientSampleId :
PB150814BS

Tgt Ion:212 Resp: 11113

Ion	Ratio	Lower	Upper
212	100		
106	12.2	9.2	13.8
104	7.2	5.7	8.5

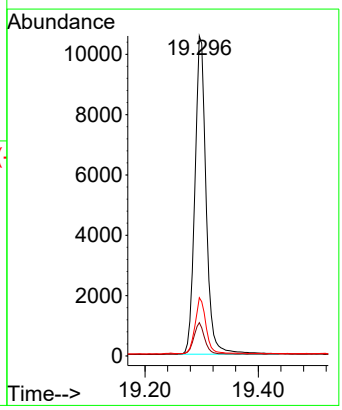


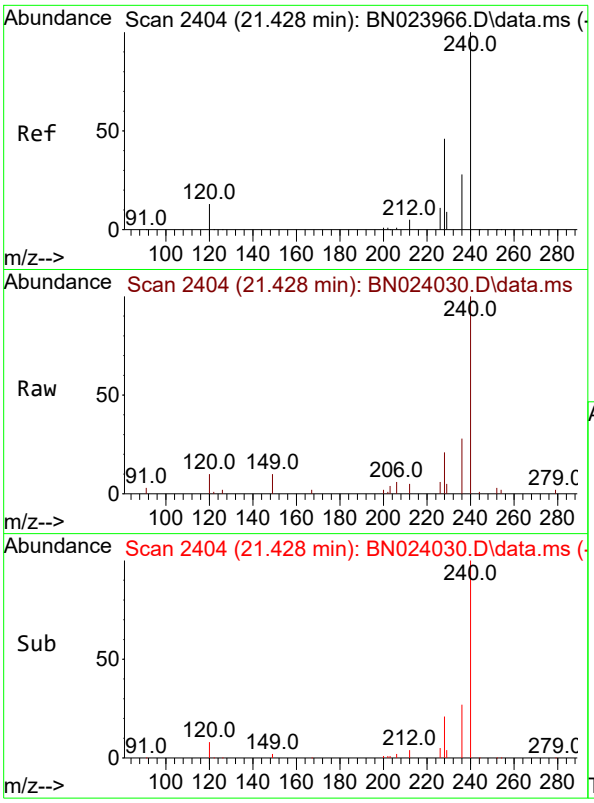


#28
Fluoranthene
Concen: 0.375 ng
RT: 19.296 min Scan# 2077
Delta R.T. 0.000 min
Lab File: BN024030.D
Acq: 14 Feb 2023 19:17

Tgt Ion:202 Resp: 14613

Ion	Ratio	Lower	Upper
202	100		
101	9.9	7.7	11.5
203	17.0	13.7	20.5



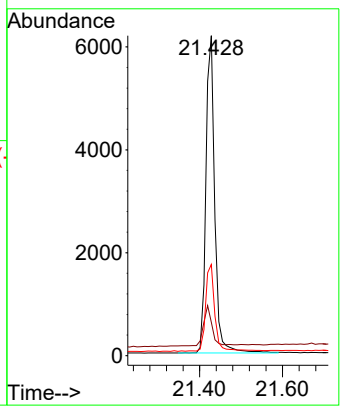


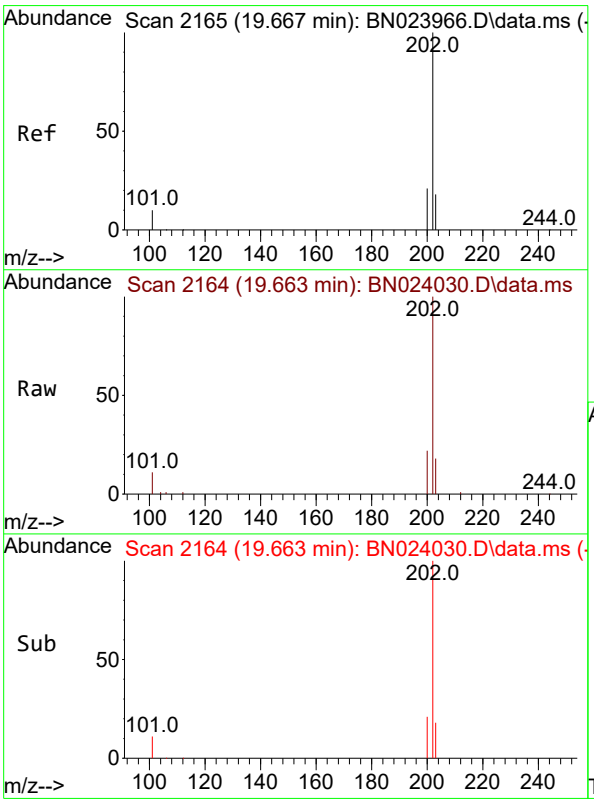
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.428 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN024030.D
Acq: 14 Feb 2023 19:17

Instrument :
BNA_N
ClientSampleId :
PB150814BS

Tgt Ion:240 Resp: 9132

Ion	Ratio	Lower	Upper
240	100		
120	10.5	11.4	17.0#
236	28.5	23.2	34.8

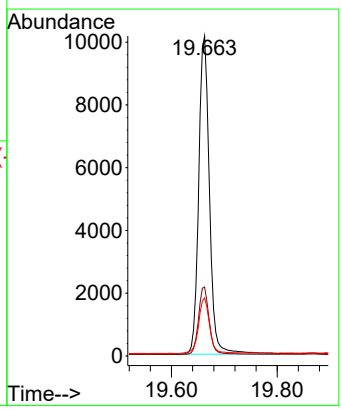


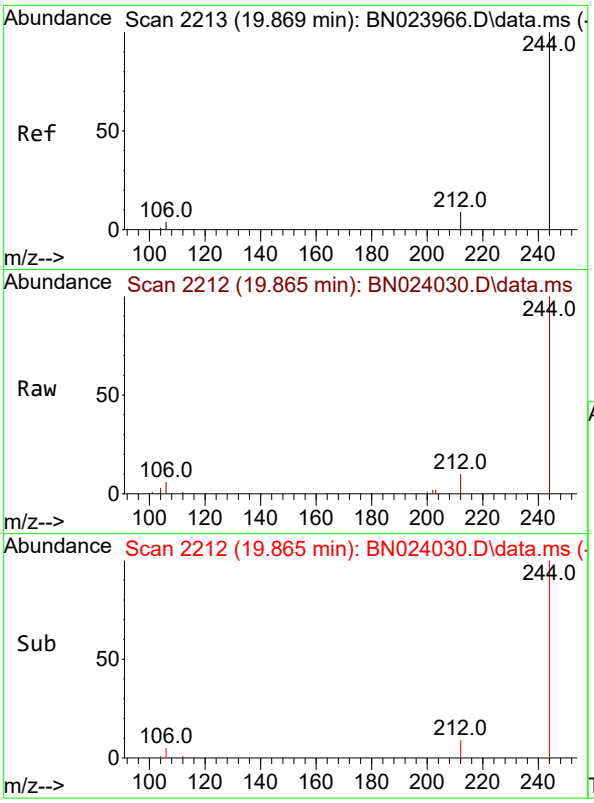


#30
Pyrene
Concen: 0.454 ng
RT: 19.663 min Scan# 2164
Delta R.T. 0.000 min
Lab File: BN024030.D
Acq: 14 Feb 2023 19:17

Tgt Ion:202 Resp: 14395

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	18.0	14.4	21.6



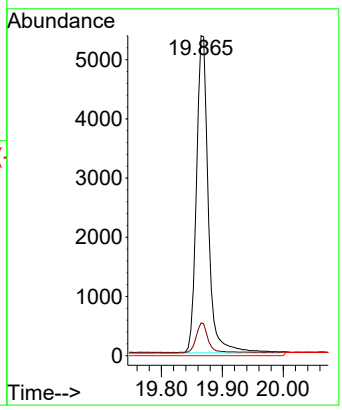


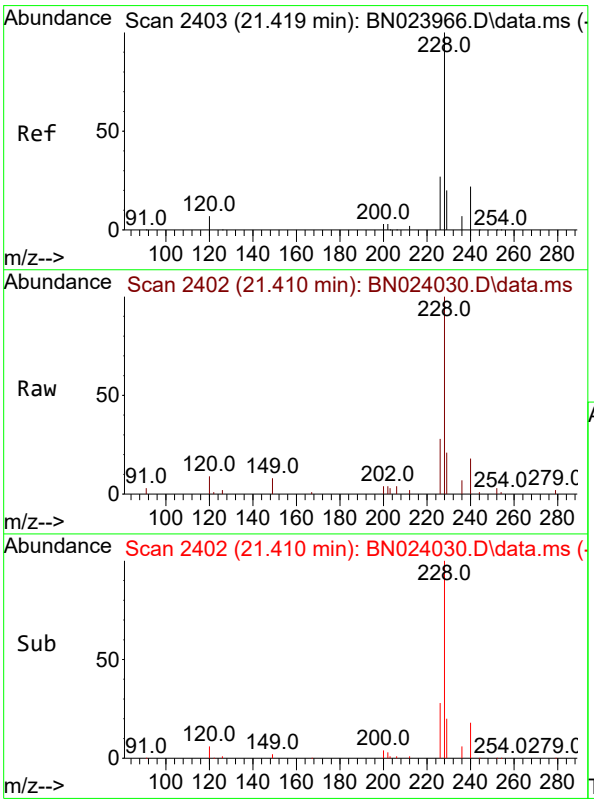
#31
Terphenyl-d14
Concen: 0.427 ng
RT: 19.865 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN024030.D
Acq: 14 Feb 2023 19:17

Instrument :
BNA_N
ClientSampleId :
PB150814BS

Tgt Ion:244 Resp: 7285

Ion	Ratio	Lower	Upper
244	100		
212	10.2	7.7	11.5
122	0.0	0.0	0.0

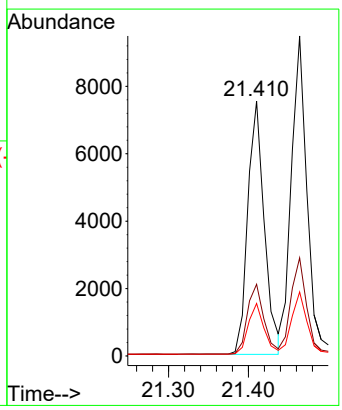


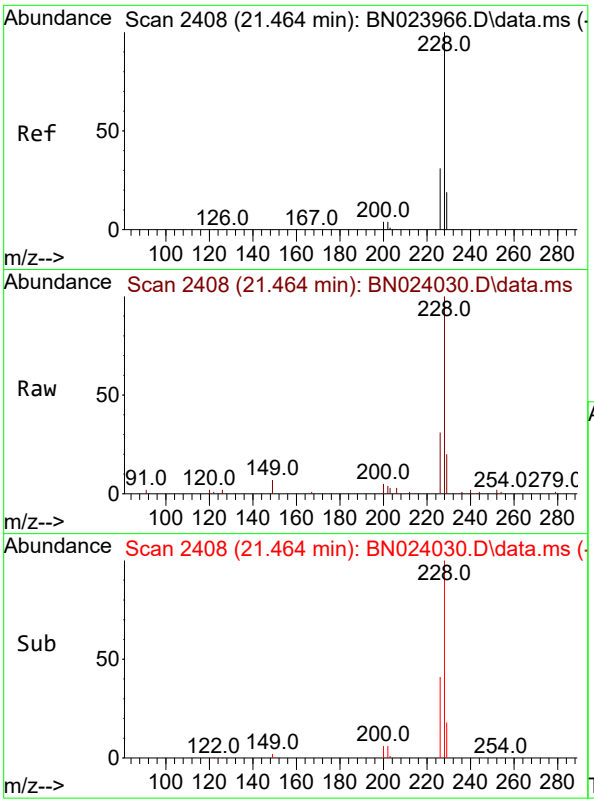


#32
Benzo(a)anthracene
Concen: 0.370 ng
RT: 21.410 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BN024030.D
Acq: 14 Feb 2023 19:17

Tgt Ion:228 Resp: 10817

Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.8	32.8
229	20.6	15.9	23.9



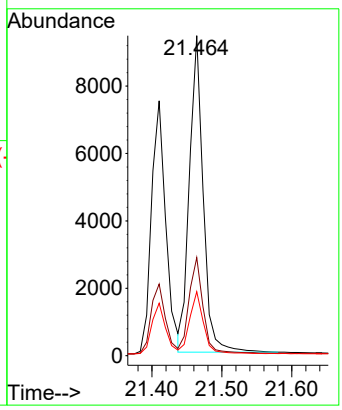


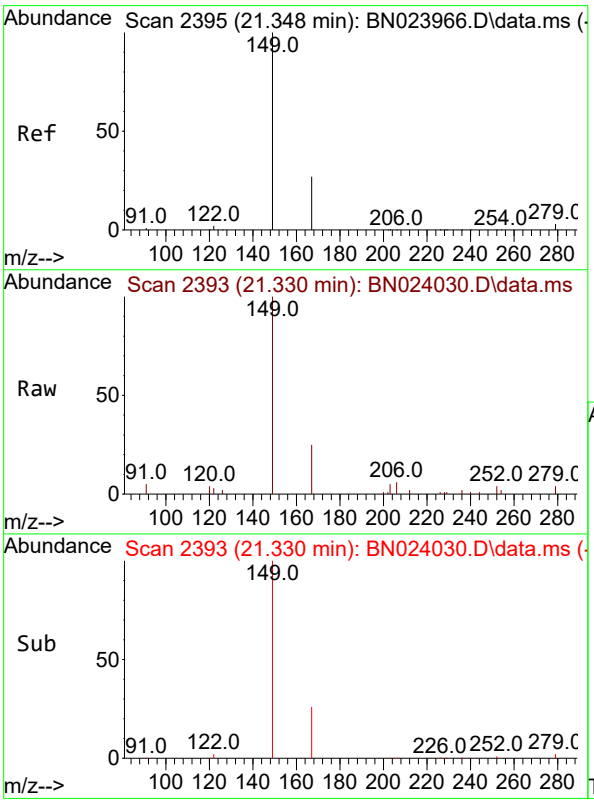
#33
Chrysene
Concen: 0.408 ng
RT: 21.464 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN024030.D
Acq: 14 Feb 2023 19:17

Instrument :
BNA_N
ClientSampleId :
PB150814BS

Tgt Ion:228 Resp: 12864

Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.2	37.8
229	20.0	15.7	23.5

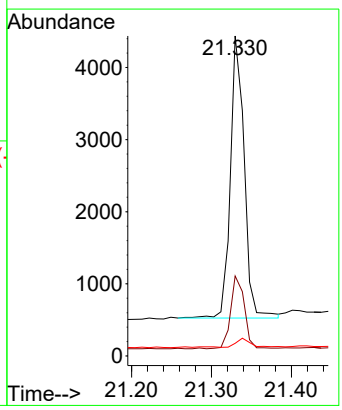


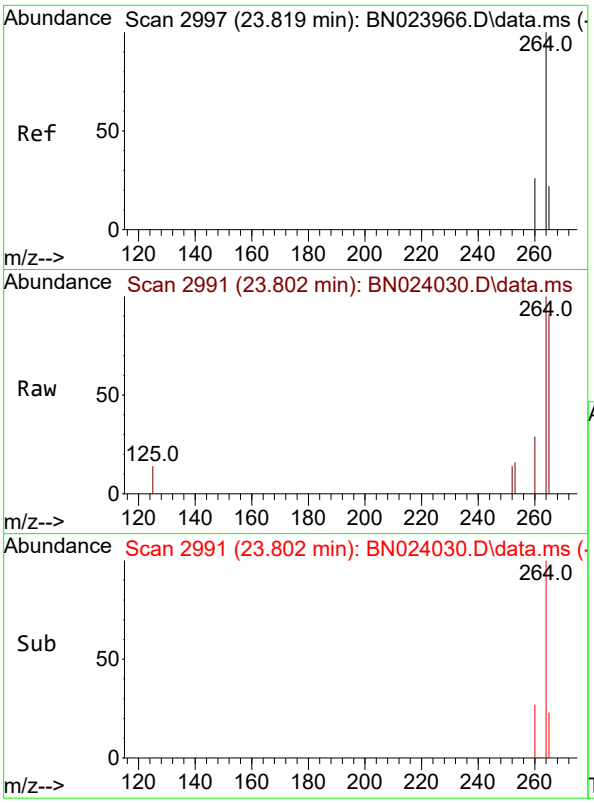


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.353 ng
RT: 21.330 min Scan# 2393
Delta R.T. -0.009 min
Lab File: BN024030.D
Acq: 14 Feb 2023 19:17

Tgt Ion:149 Resp: 4709

Ion	Ratio	Lower	Upper
149	100		
167	25.9	21.1	31.7
279	3.4	3.1	4.7



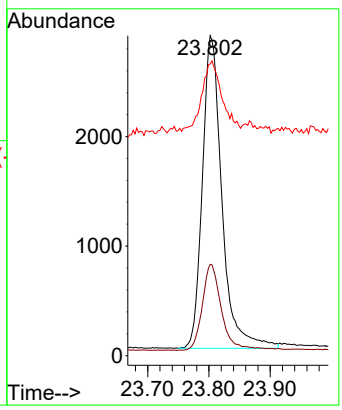


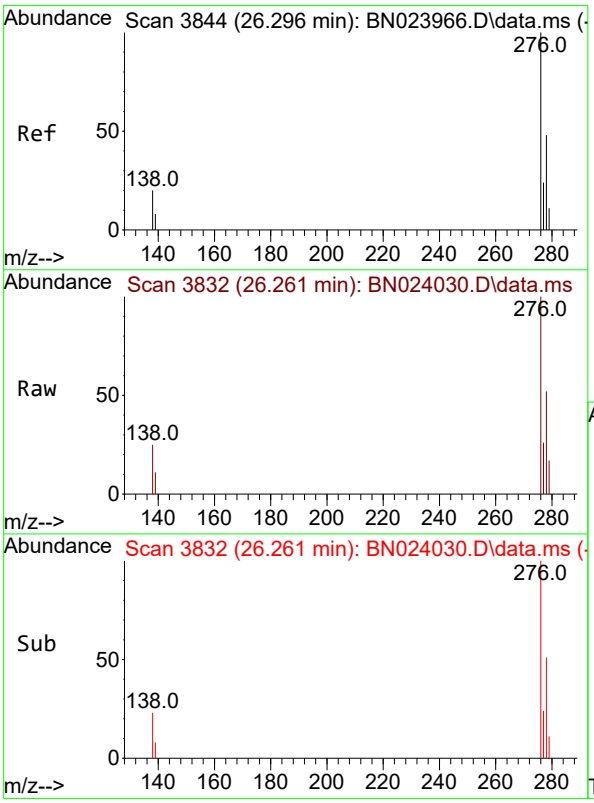
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.802 min Scan# 2
Delta R.T. -0.017 min
Lab File: BN024030.D
Acq: 14 Feb 2023 19:17

Instrument :
BNA_N
ClientSampleId :
PB150814BS

Tgt Ion:264 Resp: 6342

Ion	Ratio	Lower	Upper
264	100		
260	28.6	21.4	32.0
265	91.1	41.4	62.0#

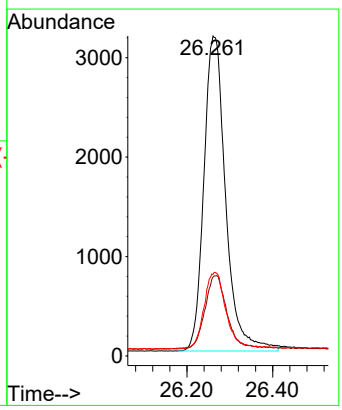


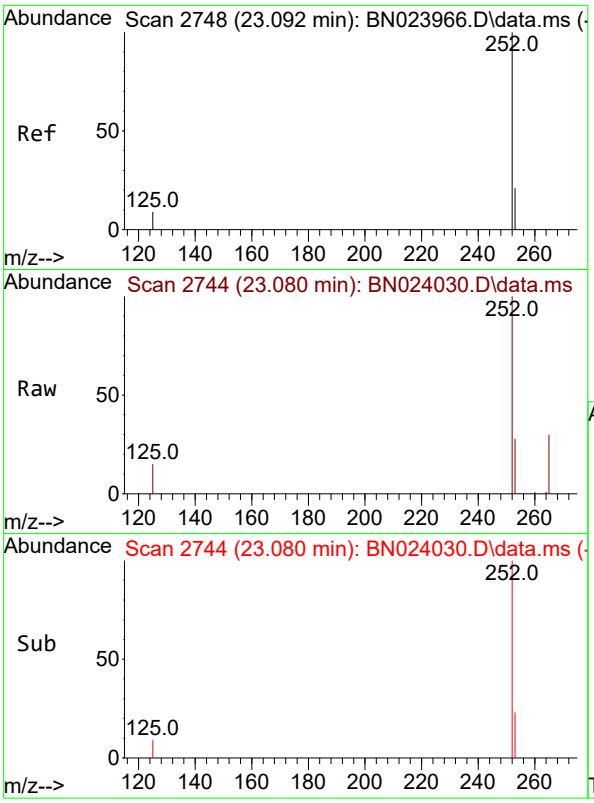


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.388 ng
RT: 26.261 min Scan# 3832
Delta R.T. -0.032 min
Lab File: BN024030.D
Acq: 14 Feb 2023 19:17

Tgt Ion:276 Resp: 11174

Ion	Ratio	Lower	Upper
276	100		
138	22.8	18.0	27.0
277	24.4	19.9	29.9



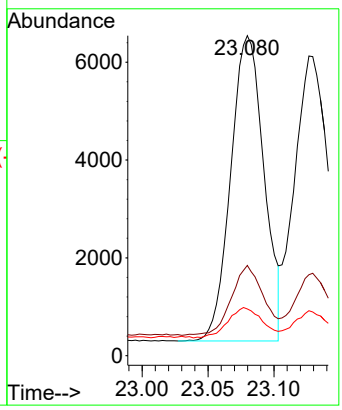


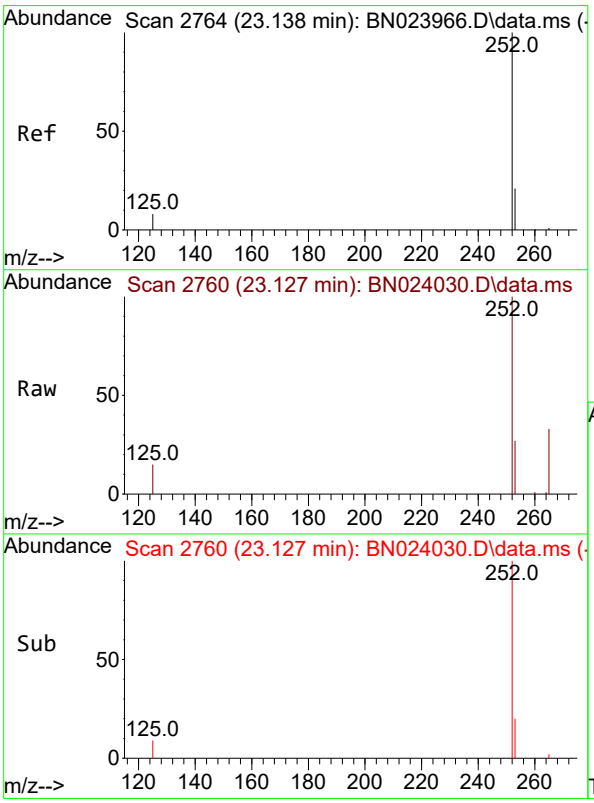
#37
Benzo(b)fluoranthene
Concen: 0.427 ng
RT: 23.080 min Scan# 2
Delta R.T. -0.012 min
Lab File: BN024030.D
Acq: 14 Feb 2023 19:17

Instrument :
BNA_N
ClientSampleId :
PB150814BS

Tgt Ion:252 Resp: 10964

Ion	Ratio	Lower	Upper
252	100		
253	28.2	19.8	29.6
125	14.6	9.4	14.0#

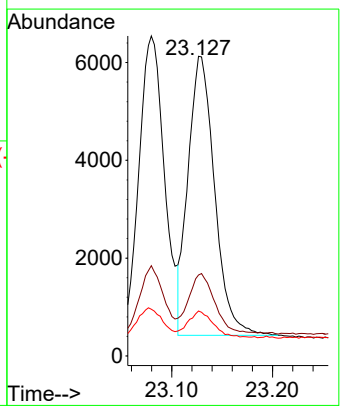


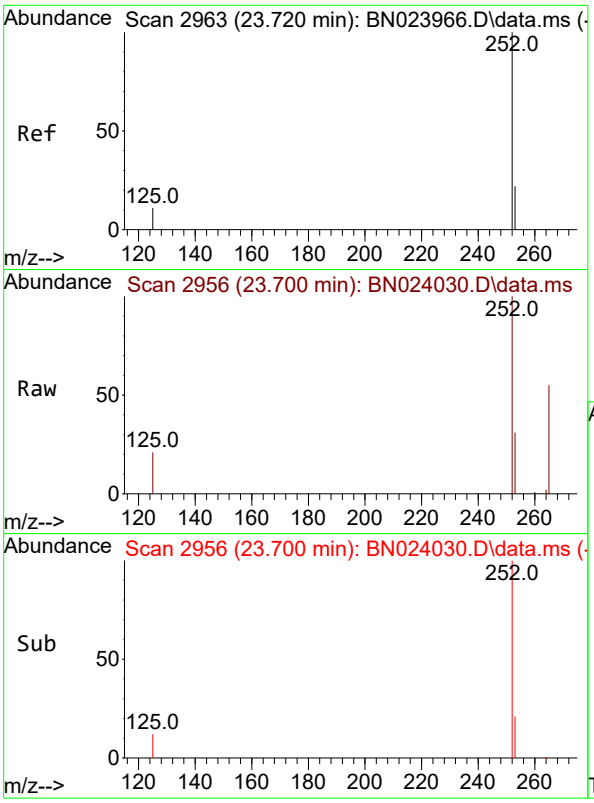


#38
Benzo(k)fluoranthene
Concen: 0.411 ng
RT: 23.127 min Scan# 2760
Delta R.T. -0.012 min
Lab File: BN024030.D
Acq: 14 Feb 2023 19:17

Tgt Ion:252 Resp: 10421

Ion	Ratio	Lower	Upper
252	100		
253	27.0	20.2	30.2
125	15.0	9.0	13.4#



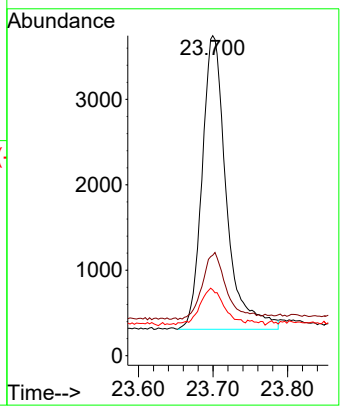


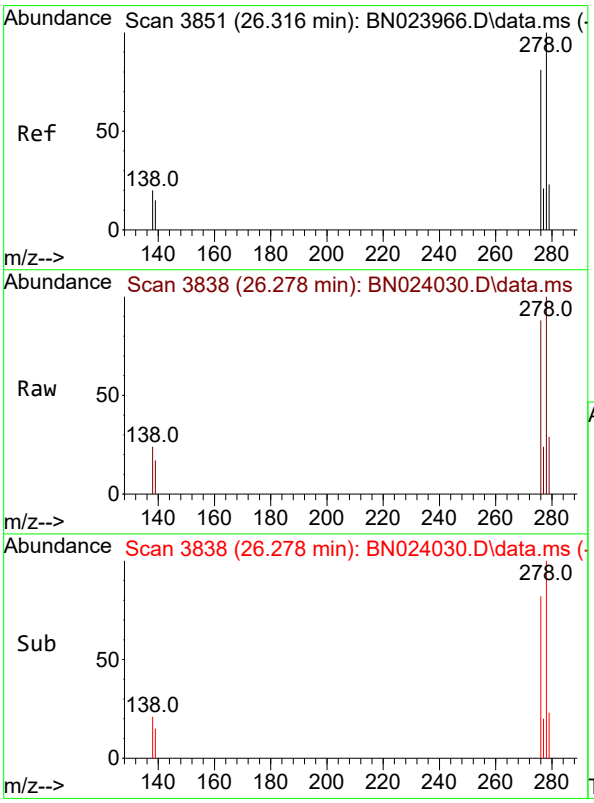
#39
Benzo(a)pyrene
Concen: 0.398 ng
RT: 23.700 min Scan# 2
Delta R.T. -0.017 min
Lab File: BN024030.D
Acq: 14 Feb 2023 19:17

Instrument :
BNA_N
ClientSampleId :
PB150814BS

Tgt Ion:252 Resp: 7750

Ion	Ratio	Lower	Upper
252	100		
253	31.4	21.9	32.9
125	20.6	12.4	18.6#

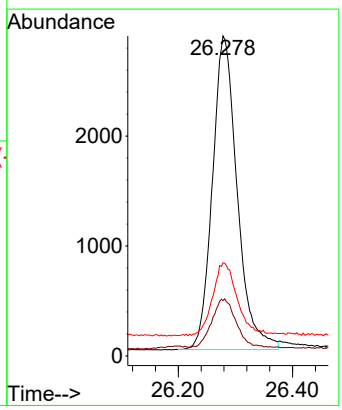


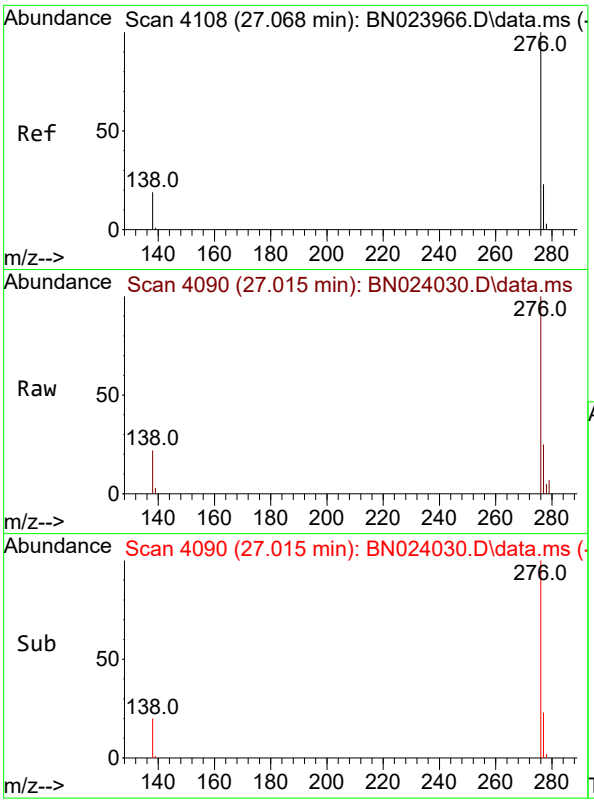


#40
Dibenzo(a,h)anthracene
Concen: 0.372 ng
RT: 26.278 min Scan# 3838
Delta R.T. -0.035 min
Lab File: BN024030.D
Acq: 14 Feb 2023 19:17

Tgt Ion:278 Resp: 8592

Ion	Ratio	Lower	Upper
278	100		
139	17.3	13.1	19.7
279	29.1	21.7	32.5





#41
Benzo(g,h,i)perylene
Concen: 0.403 ng
RT: 27.015 min Scan# 4
Delta R.T. -0.047 min
Lab File: BN024030.D
Acq: 14 Feb 2023 19:17

Instrument :
BNA_N
ClientSampleId :
PB150814BS

Tgt Ion:276 Resp: 9854

Ion	Ratio	Lower	Upper
276	100		
277	25.4	19.6	29.4
138	22.4	16.2	24.4