Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082922\
Data File : BN021437.D
Acq On : 30 Aug 2022 01:44
Operator : CG/JU
Sample : PB147201BSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB147201BSD

Quant Time: Aug 30 02:49:28 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 29 16:30:43 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.076	152	5170	0.400	ng		0.00
7) Naphthalene-d8	10.909	136	16227	0.400	ng		0.00
13) Acenaphthene-d10	14.728	164	8672	0.400	ng		0.00
19) Phenanthrene-d10	17.480	188	17710	0.400	ng		0.00
29) Chrysene-d12	21.664	240	13003	0.400	ng		0.00
35) Perylene-d12	24.182	264	9221	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.599	112	3732	0.369	ng		0.00
5) Phenol-d6	7.224	99	4674	0.363	ng		0.00
8) Nitrobenzene-d5	9.254	82	3831	0.350	ng		0.00
11) 2-Methylnaphthalene-d10	12.493	152	13658	0.373	ng		0.00
14) 2,4,6-Tribromophenol	16.218	330	855	0.300	ng		0.00
15) 2-Fluorobiphenyl	13.360	172	14072	0.371	ng		0.00
27) Fluoranthene-d10	19.506	212	15914	0.349	ng		0.00
31) Terphenyl-d14	20.097	244	11115	0.380	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.410	88	2527	0.391	ng	#	90
3) n-Nitrosodimethylamine	3.750	42	2126	0.365	ng	#	91
6) bis(2-Chloroethyl)ether	7.491	93	6092	0.375	ng		98
9) Naphthalene	10.952	128	17664	0.367	ng		99
10) Hexachlorobutadiene	11.240	225	3074	0.369	ng	#	99
12) 2-Methylnaphthalene	12.191	142	1985	0.375	ng		98
16) Acenaphthylene	14.450	152	13892	0.341	ng		100
17) Acenaphthene	14.793	154	10217	0.357	ng		97
18) Fluorene	15.776	166	12700	0.359	ng		100
21) 4-Bromophenyl-phenylether	16.659	248	3910	0.353	ng	#	78
22) Hexachlorobenzene	16.783	284	4954	0.366	ng		99
23) Atrazine	16.926	200	2072	0.320	ng		98
24) Pentachlorophenol	17.131	266	730	0.382	ng		98
25) Phenanthrene	17.521	178	22085	0.361	ng		100
26) Anthracene	17.613	178	16640	0.343	ng		99
28) Fluoranthene	19.535	202	22326	0.352	ng		100
30) Pyrene	19.898	202	25189	0.363	ng		99
32) Benzo(a)anthracene	21.646	228	15623	0.345	ng		100
33) Chrysene	21.700	228	19843	0.368	ng		99
34) Bis(2-ethylhexyl)phtha...	21.557	149	6134	0.336	ng		97
36) Indeno(1,2,3-cd)pyrene	26.840	276	15087	0.362	ng		100
37) Benzo(b)fluoranthene	23.404	252	15919	0.350	ng		98
38) Benzo(k)fluoranthene	23.457	252	15622	0.341	ng		99
39) Benzo(a)pyrene	24.068	252	11190	0.353	ng		99
40) Dibenzo(a,h)anthracene	26.863	278	12034	0.359	ng		97
41) Benzo(g,h,i)perylene	27.658	276	12680	0.345	ng		99

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

Quantitation Report (Not Reviewed)

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Instrument :
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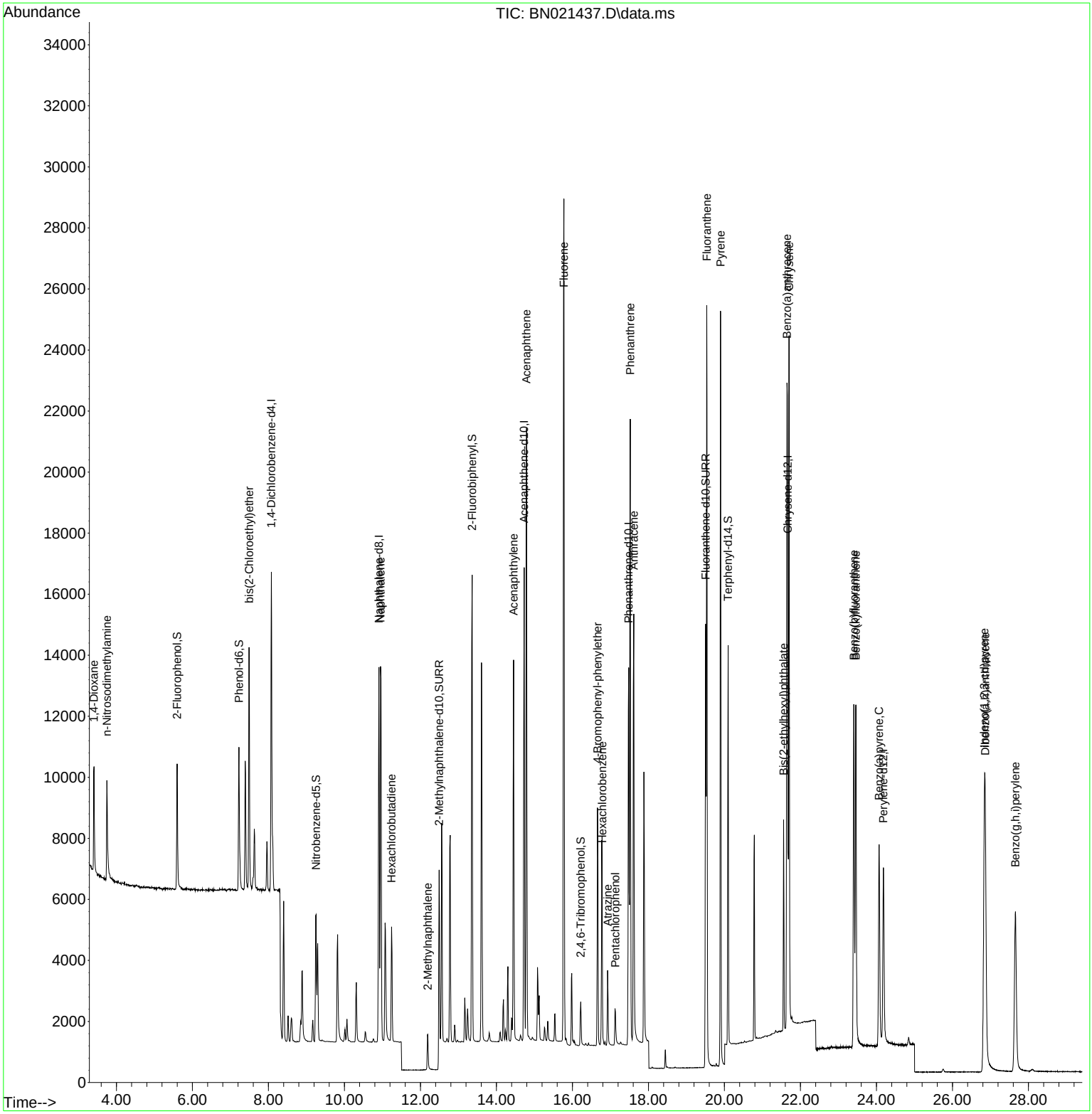
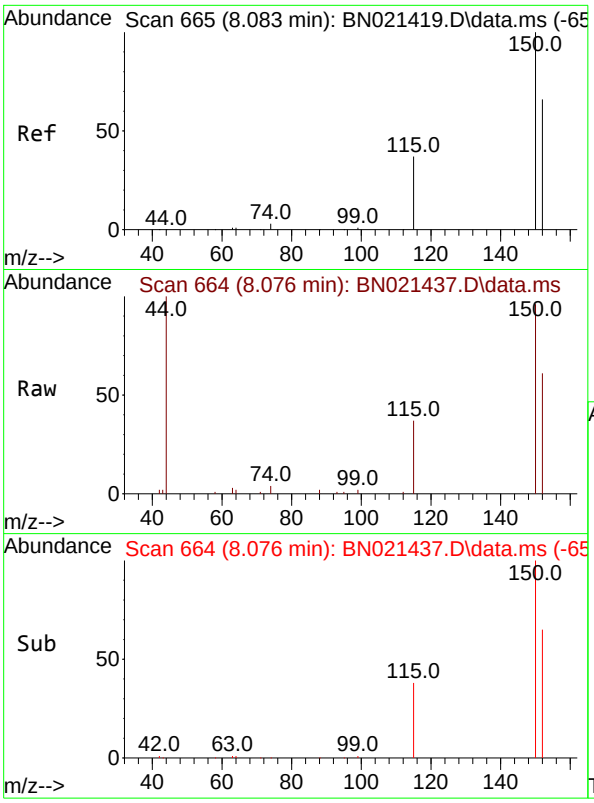
Quant Time: Aug 30 02:49:28 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 29 16:30:43 2022
Response via : Initial Calibration



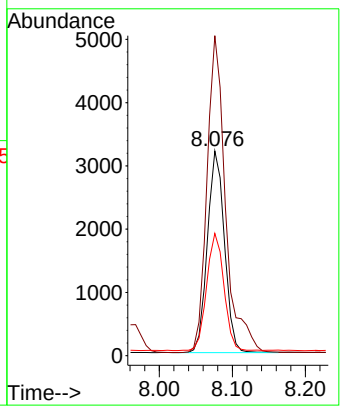


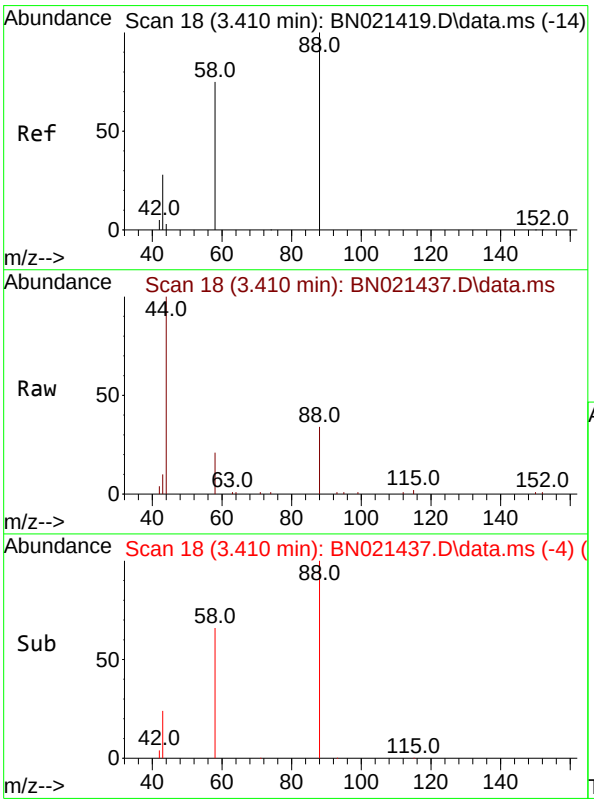
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.076 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN021437.D
Acq: 30 Aug 2022 01:44

Instrument :
BNA_N
ClientSampleId :
PB147201BSD

Tgt Ion:152 Resp: 5170

Ion	Ratio	Lower	Upper
152	100		
150	156.4	121.4	182.0
115	59.7	48.6	72.8

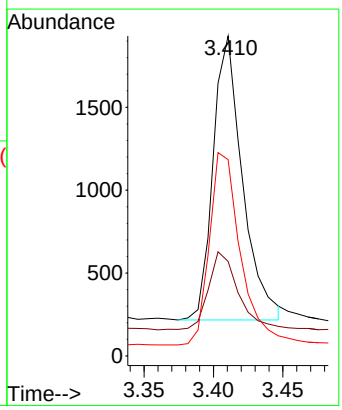


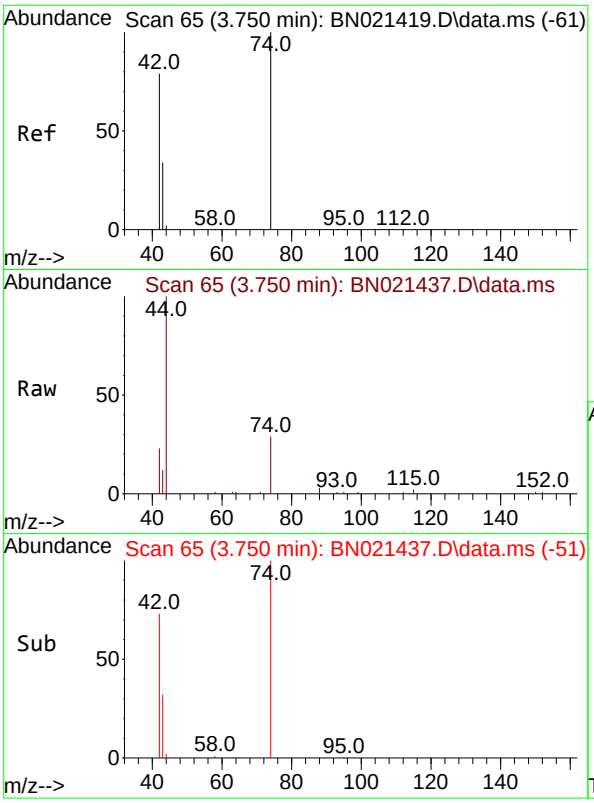


#2
1,4-Dioxane
Concen: 0.391 ng
RT: 3.410 min Scan# 18
Delta R.T. 0.000 min
Lab File: BN021437.D
Acq: 30 Aug 2022 01:44

Tgt Ion: 88 Resp: 2527

Ion	Ratio	Lower	Upper
88	100		
43	28.1	35.8	53.8#
58	71.2	57.1	85.7



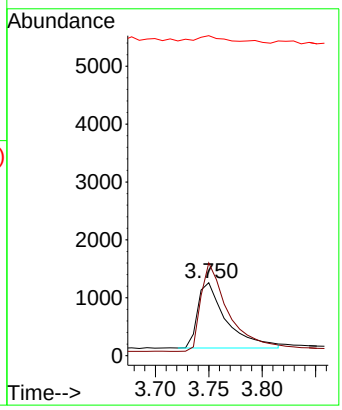


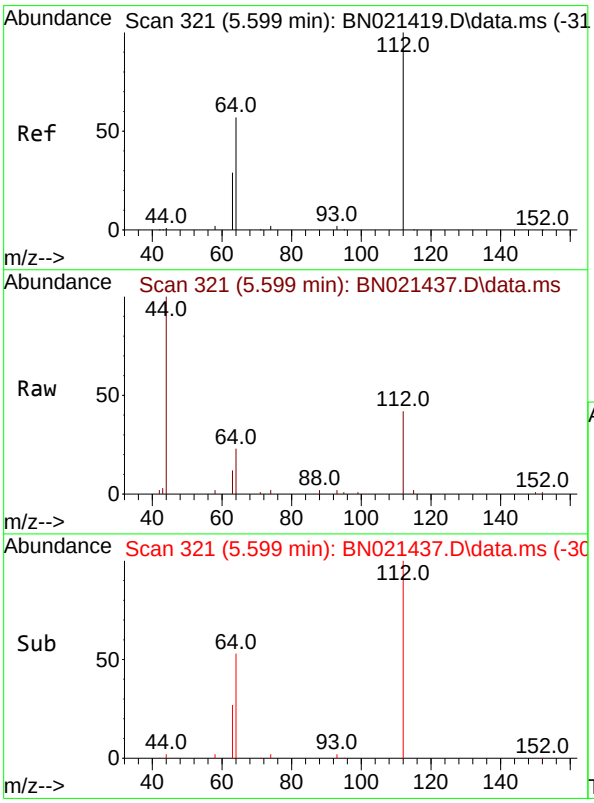
#3
n-Nitrosodimethylamine
Concen: 0.365 ng
RT: 3.750 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN021437.D
Acq: 30 Aug 2022 01:44

Instrument :
BNA_N
ClientSampleId :
PB147201BSD

Tgt Ion: 42 Resp: 2126

Ion	Ratio	Lower	Upper
42	100		
74	131.6	113.0	169.6
44	6.4	10.5	15.7#

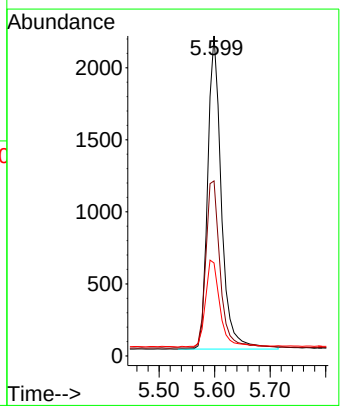


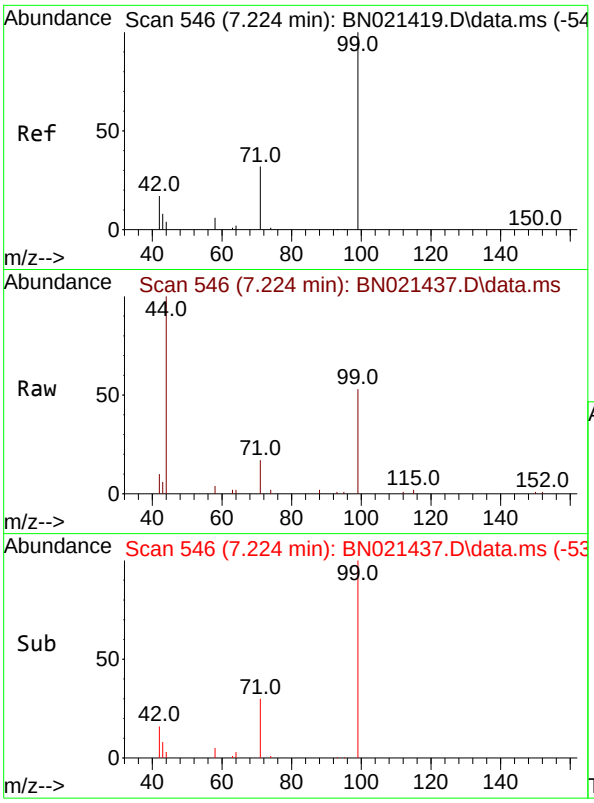


#4
2-Fluorophenol
Concen: 0.369 ng
RT: 5.599 min Scan# 321
Delta R.T. 0.000 min
Lab File: BN021437.D
Acq: 30 Aug 2022 01:44

Tgt Ion:112 Resp: 3732

Ion	Ratio	Lower	Upper
112	100		
64	56.0	43.5	65.3
63	29.5	22.6	34.0



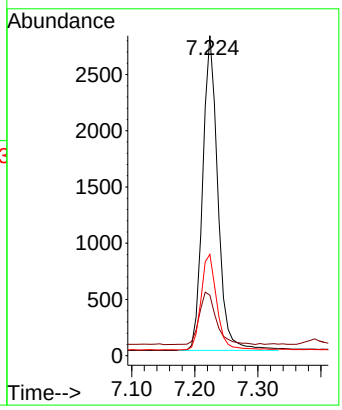


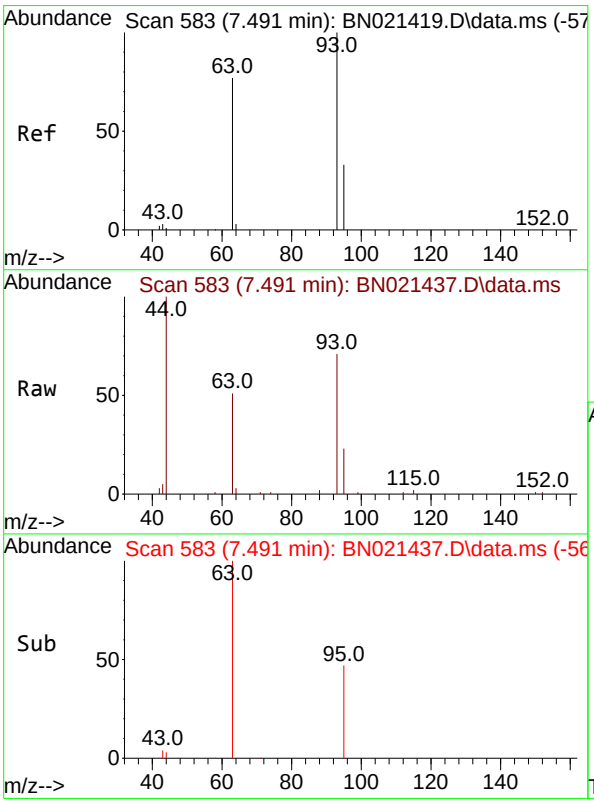
#5
Phenol-d6
Concen: 0.363 ng
RT: 7.224 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN021437.D
Acq: 30 Aug 2022 01:44

Instrument :
BNA_N
ClientSampleId :
PB147201BSD

Tgt Ion: 99 Resp: 4674

Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.5	23.3
71	31.5	24.2	36.2

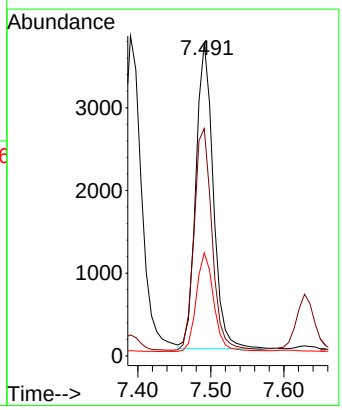


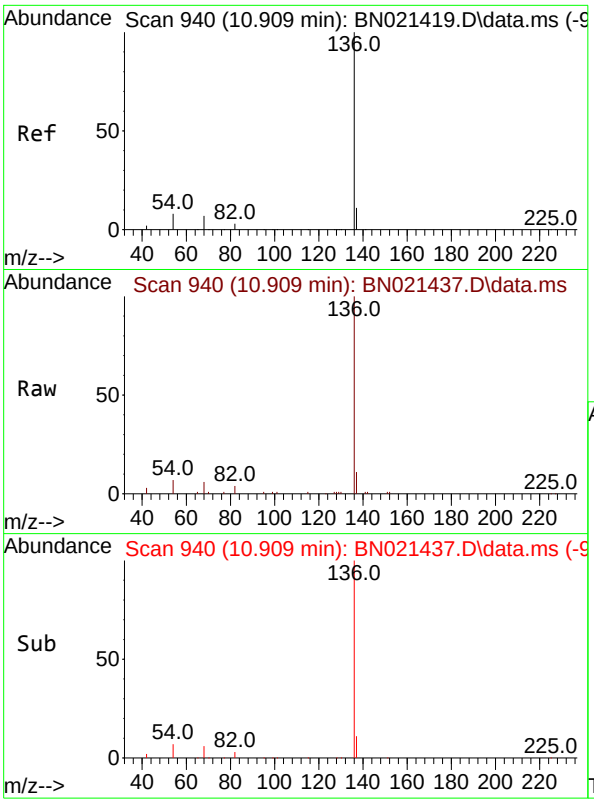


#6
bis(2-Chloroethyl)ether
Concen: 0.375 ng
RT: 7.491 min Scan# 583
Delta R.T. -0.000 min
Lab File: BN021437.D
Acq: 30 Aug 2022 01:44

Tgt Ion: 93 Resp: 6092

Ion	Ratio	Lower	Upper
93	100		
63	74.9	57.8	86.8
95	32.4	25.9	38.9



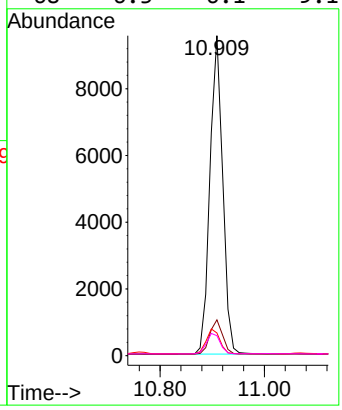


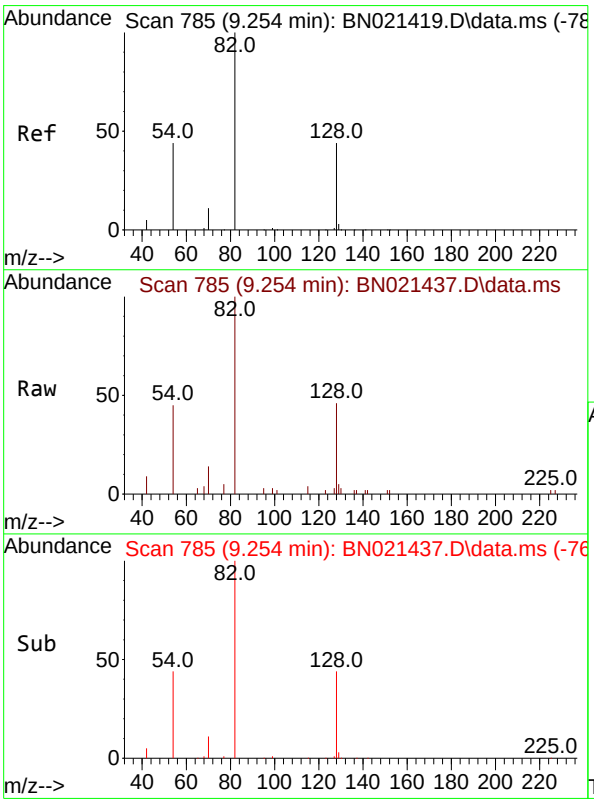
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.909 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN021437.D
Acq: 30 Aug 2022 01:44

Instrument :
BNA_N
ClientSampleId :
PB147201BSD

Tgt Ion:136 Resp: 16227

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.3	13.9
54	7.1	6.9	10.3
68	6.3	6.1	9.1

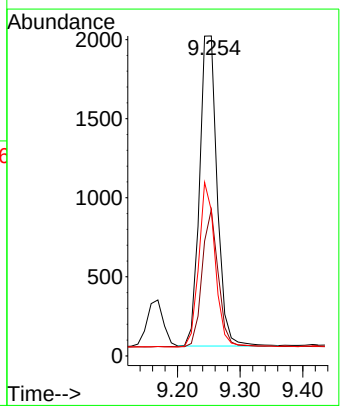


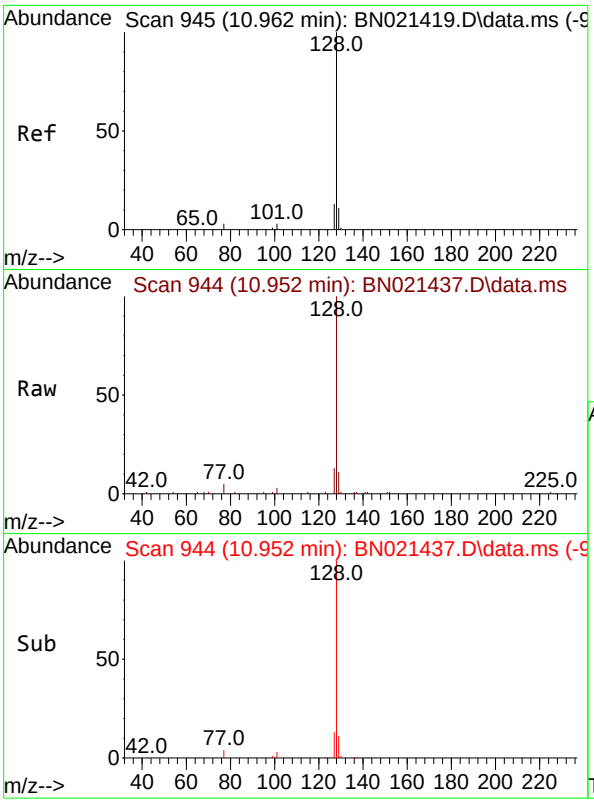


#8
Nitrobenzene-d5
Concen: 0.350 ng
RT: 9.254 min Scan# 785
Delta R.T. -0.000 min
Lab File: BN021437.D
Acq: 30 Aug 2022 01:44

Tgt Ion: 82 Resp: 3831

Ion	Ratio	Lower	Upper
82	100		
128	45.7	30.9	46.3
54	45.5	42.7	64.1



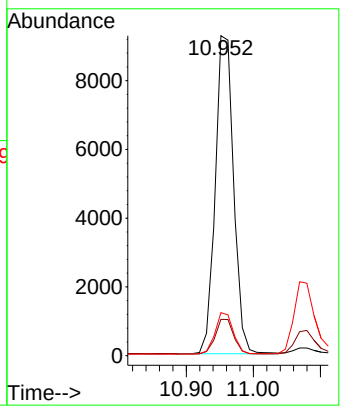


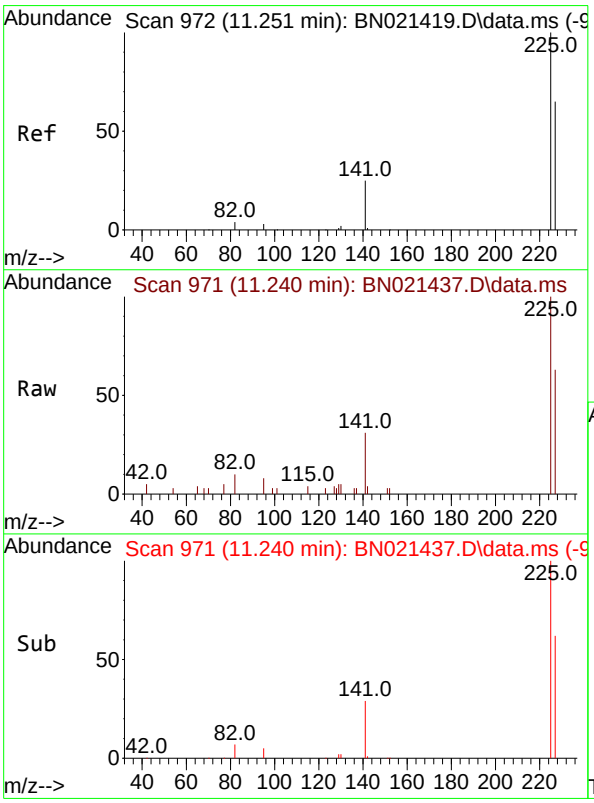
#9
Naphthalene
Concen: 0.367 ng
RT: 10.952 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN021437.D
Acq: 30 Aug 2022 01:44

Instrument :
BNA_N
ClientSampleId :
PB147201BSD

Tgt Ion:128 Resp: 17664

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.3	13.9
127	13.5	11.0	16.4

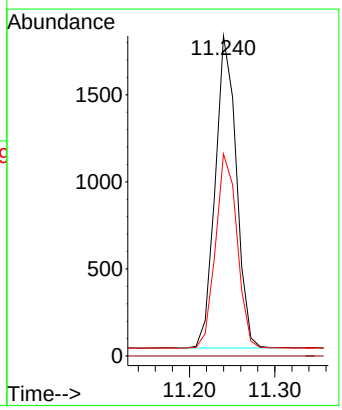


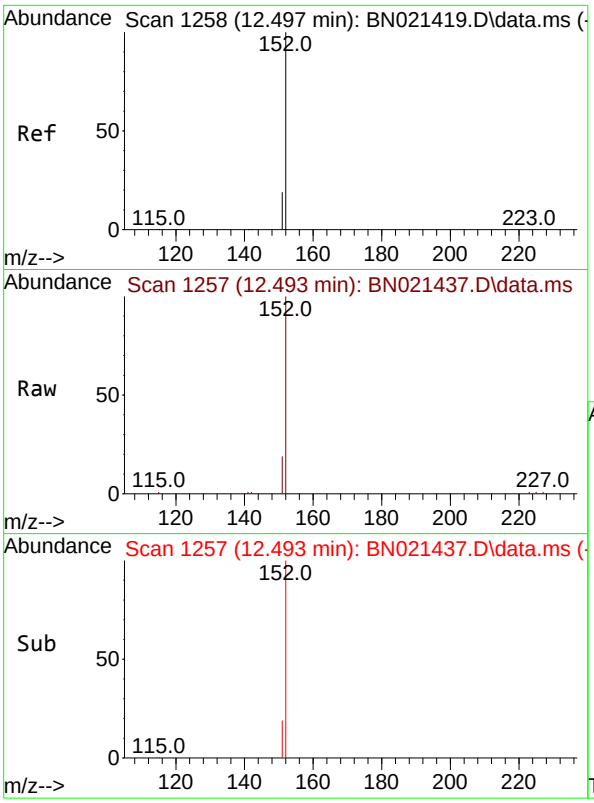


#10
Hexachlorobutadiene
Concen: 0.369 ng
RT: 11.240 min Scan# 971
Delta R.T. -0.011 min
Lab File: BN021437.D
Acq: 30 Aug 2022 01:44

Tgt Ion:225 Resp: 3074

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.4	51.2	76.8



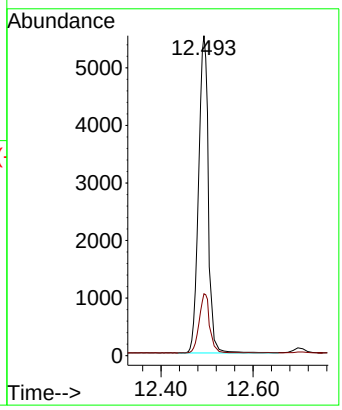


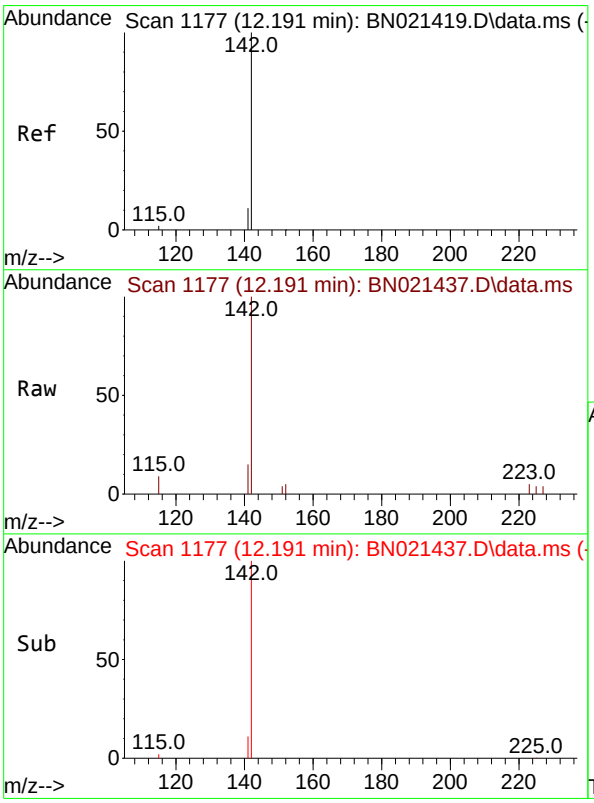
#11
2-Methylnaphthalene-d10
Concen: 0.373 ng
RT: 12.493 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN021437.D
Acq: 30 Aug 2022 01:44

Instrument :
BNA_N
ClientSampleId :
PB147201BSD

Tgt Ion:152 Resp: 13658

Ion	Ratio	Lower	Upper
152	100		
151	18.2	14.5	21.7

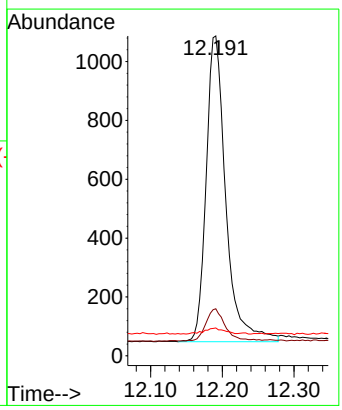


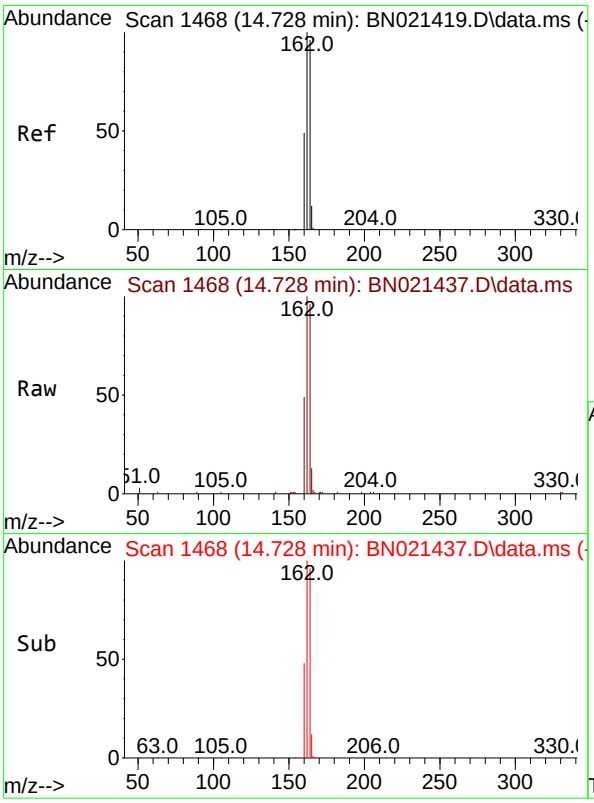


#12
2-Methylnaphthalene
Concen: 0.375 ng
RT: 12.191 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BN021437.D
Acq: 30 Aug 2022 01:44

Tgt Ion:142 Resp: 1985

Ion	Ratio	Lower	Upper
142	100		
141	14.7	12.2	18.2
115	8.7	7.9	11.9



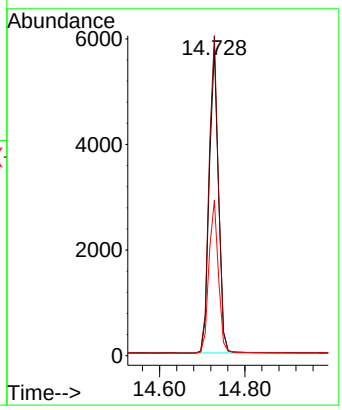


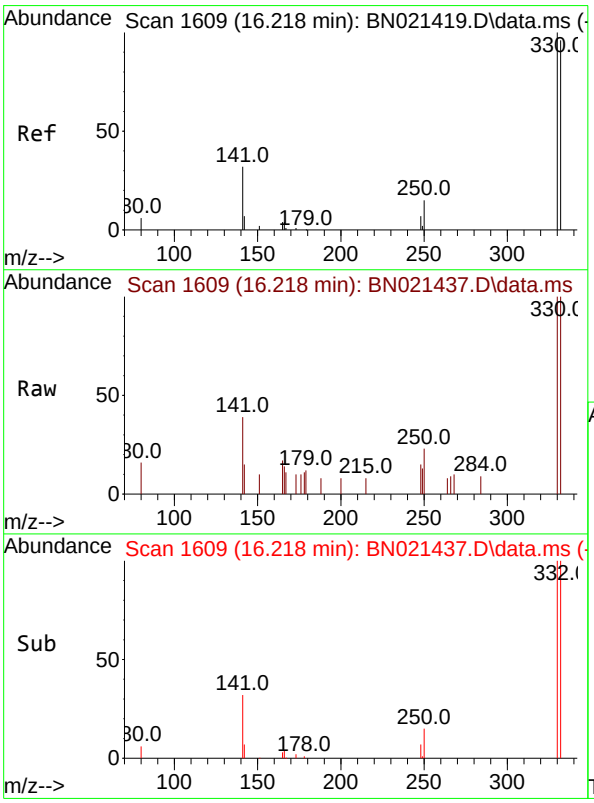
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.728 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN021437.D
Acq: 30 Aug 2022 01:44

Instrument :
BNA_N
ClientSampleId :
PB147201BSD

Tgt Ion:164 Resp: 8672

Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.2	123.4
160	50.6	39.5	59.3

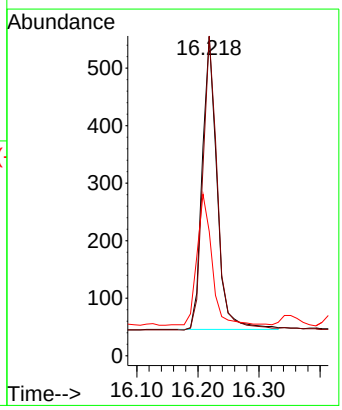


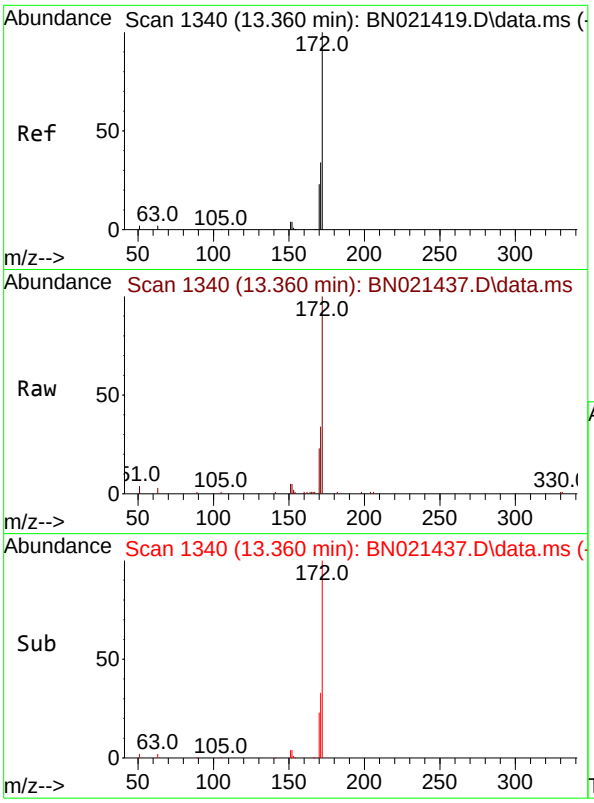


#14
2,4,6-Tribromophenol
Concen: 0.300 ng
RT: 16.218 min Scan# 1609
Delta R.T. 0.000 min
Lab File: BN021437.D
Acq: 30 Aug 2022 01:44

Tgt Ion:330 Resp: 855

Ion	Ratio	Lower	Upper
330	100		
332	98.2	79.3	118.9
141	45.3	37.1	55.7



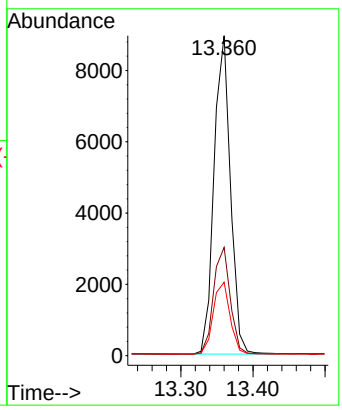


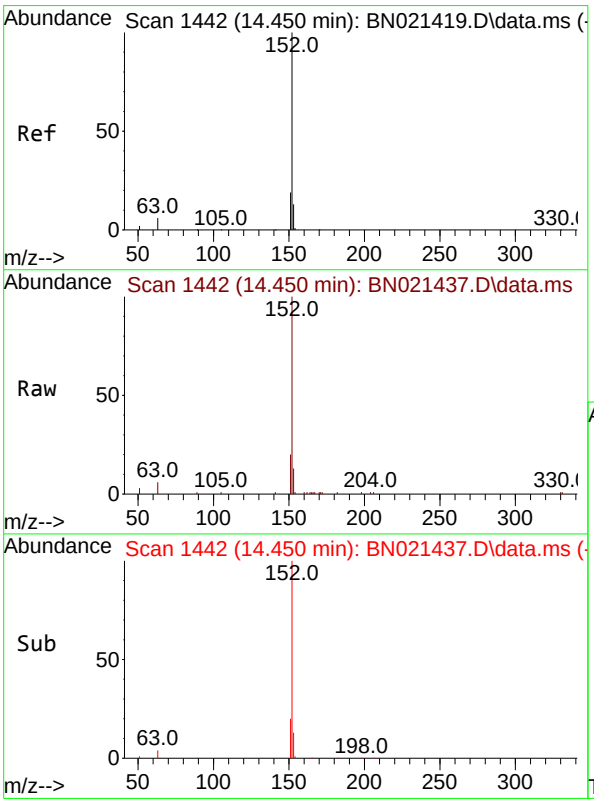
#15
2-Fluorobiphenyl
Concen: 0.371 ng
RT: 13.360 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021437.D
Acq: 30 Aug 2022 01:44

Instrument :
BNA_N
ClientSampleId :
PB147201BSD

Tgt Ion:172 Resp: 14072

Ion	Ratio	Lower	Upper
172	100		
171	33.8	27.8	41.6
170	22.9	18.6	28.0

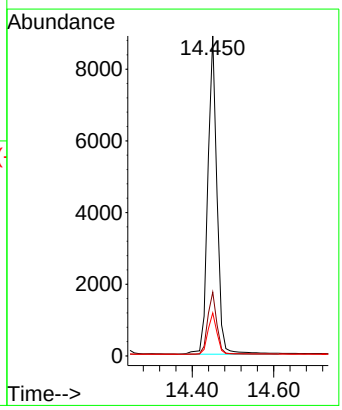


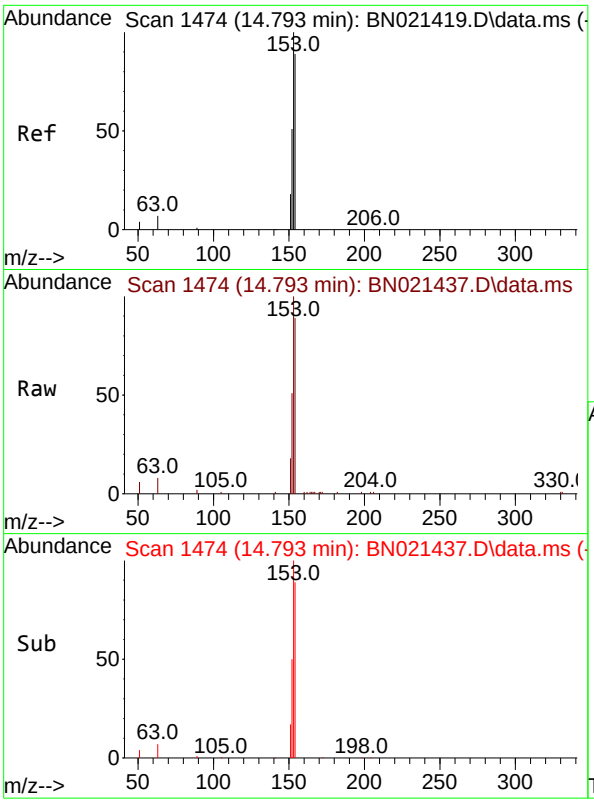


#16
Acenaphthylene
Concen: 0.341 ng
RT: 14.450 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BN021437.D
Acq: 30 Aug 2022 01:44

Tgt Ion:152 Resp: 13892

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.2
153	12.9	10.3	15.5



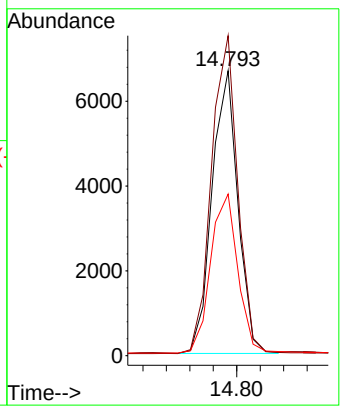


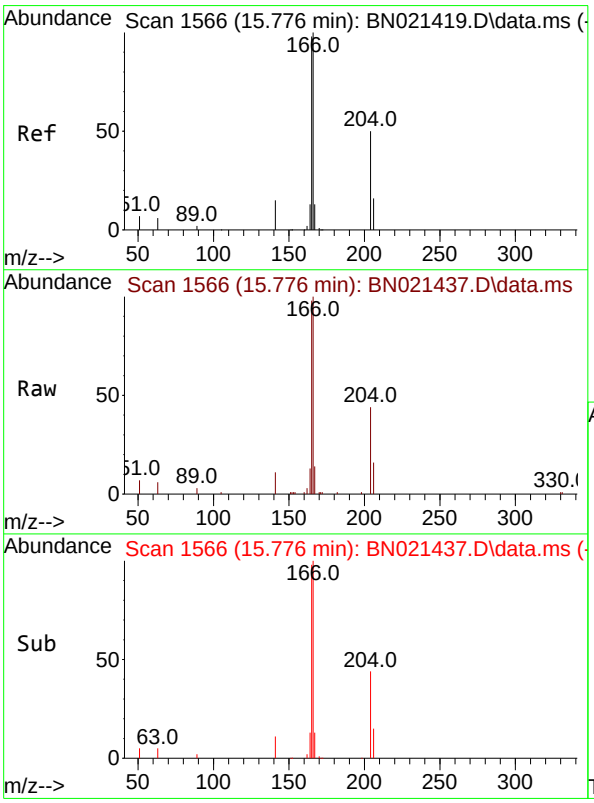
#17
Acenaphthene
Concen: 0.357 ng
RT: 14.793 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN021437.D
Acq: 30 Aug 2022 01:44

Instrument :
BNA_N
ClientSampleId :
PB147201BSD

Tgt Ion:154 Resp: 10217

Ion	Ratio	Lower	Upper
154	100		
153	114.7	89.5	134.3
152	59.8	45.5	68.3

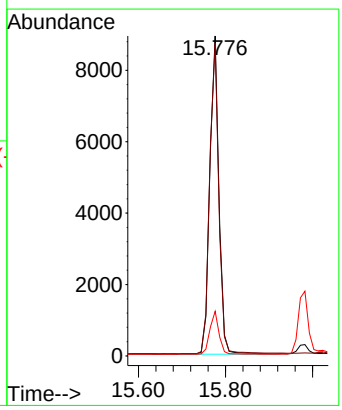


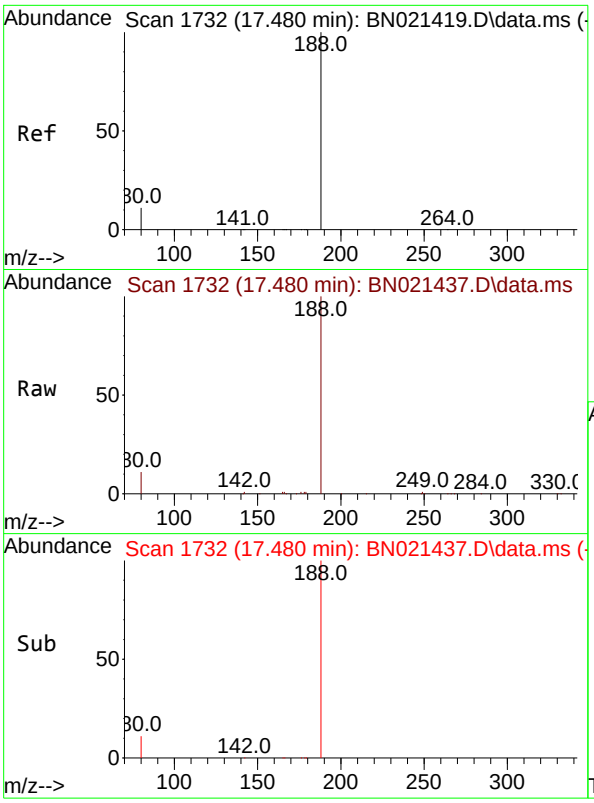


#18
Fluorene
Concen: 0.359 ng
RT: 15.776 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BN021437.D
Acq: 30 Aug 2022 01:44

Tgt Ion:166 Resp: 12700

Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.7	118.1
167	13.6	10.6	16.0



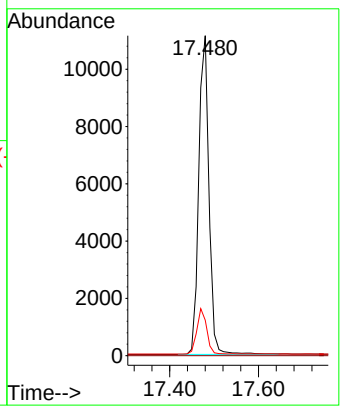


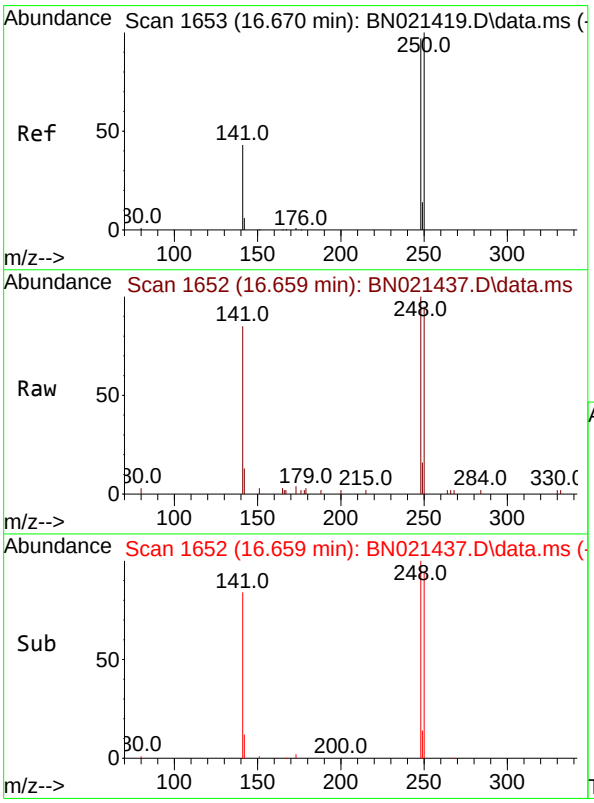
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021437.D
Acq: 30 Aug 2022 01:44

Instrument :
BNA_N
ClientSampleId :
PB147201BSD

Tgt Ion:188 Resp: 17710

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.1	9.5	14.3

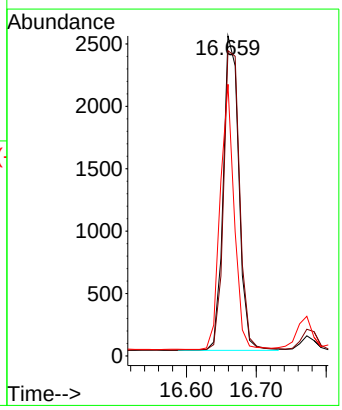


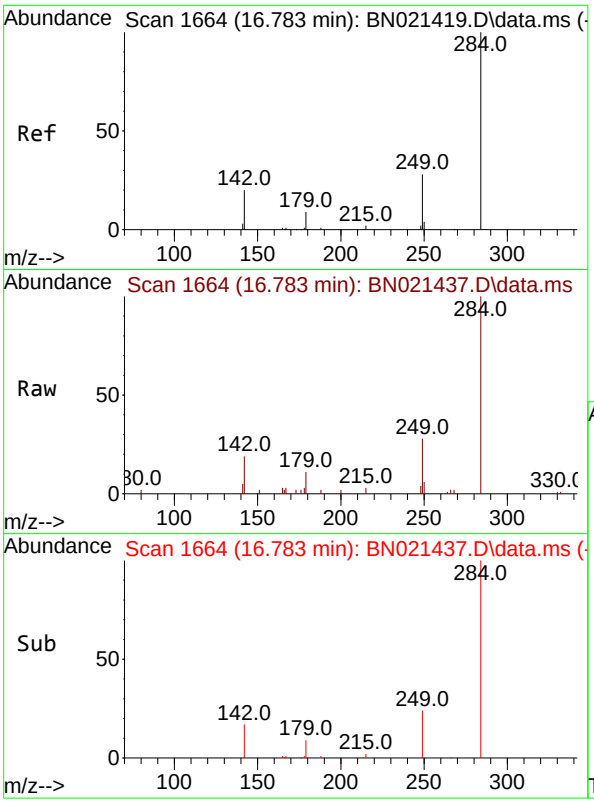


#21
4-Bromophenyl-phenylether
Concen: 0.353 ng
RT: 16.659 min Scan# 1652
Delta R.T. -0.010 min
Lab File: BN021437.D
Acq: 30 Aug 2022 01:44

Tgt Ion:248 Resp: 3910

Ion	Ratio	Lower	Upper
248	100		
250	95.4	81.8	122.6
141	84.9	38.5	57.7#



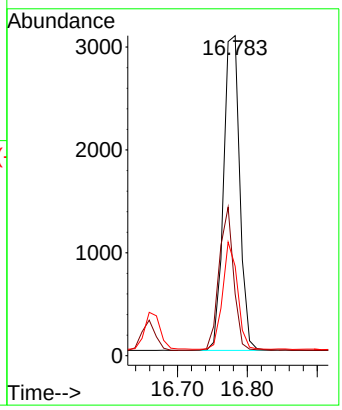


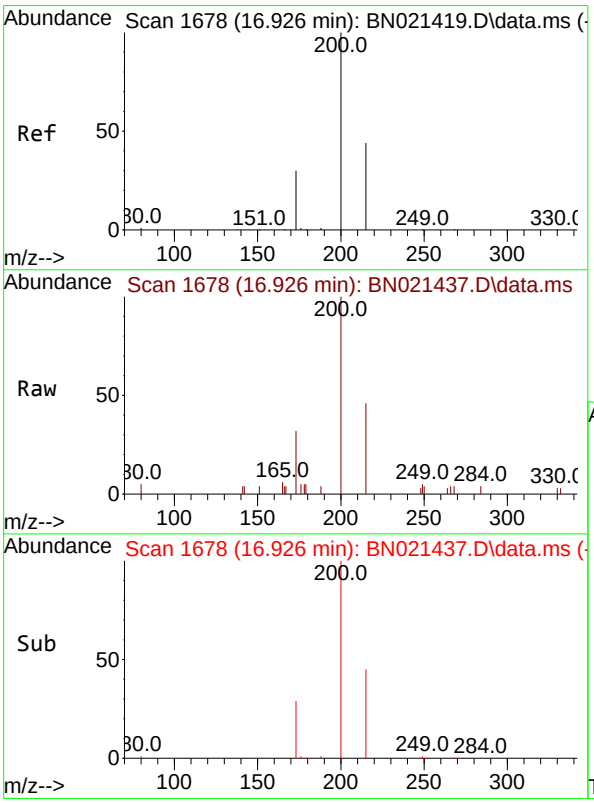
#22
Hexachlorobenzene
Concen: 0.366 ng
RT: 16.783 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021437.D
Acq: 30 Aug 2022 01:44

Instrument :
BNA_N
ClientSampleId :
PB147201BSD

Tgt Ion:284 Resp: 4954

Ion	Ratio	Lower	Upper
284	100		
142	40.9	32.3	48.5
249	31.2	25.4	38.2

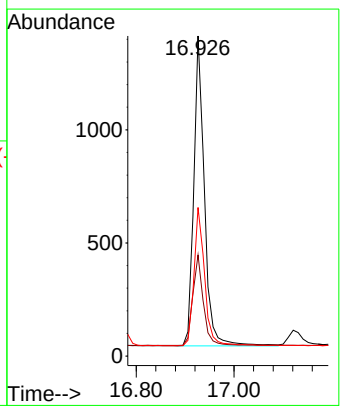


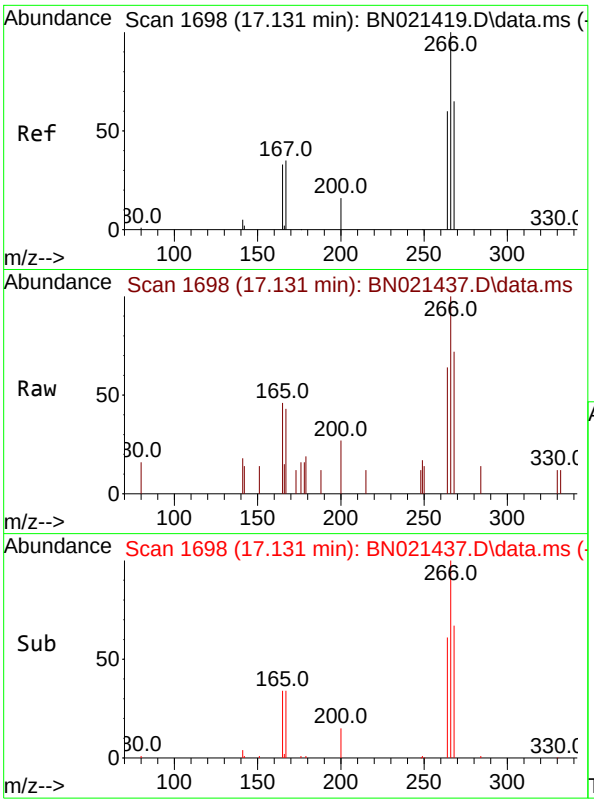


#23
Atrazine
Concen: 0.320 ng
RT: 16.926 min Scan# 1678
Delta R.T. -0.000 min
Lab File: BN021437.D
Acq: 30 Aug 2022 01:44

Tgt Ion:200 Resp: 2072

Ion	Ratio	Lower	Upper
200	100		
173	31.6	24.3	36.5
215	46.4	38.4	57.6



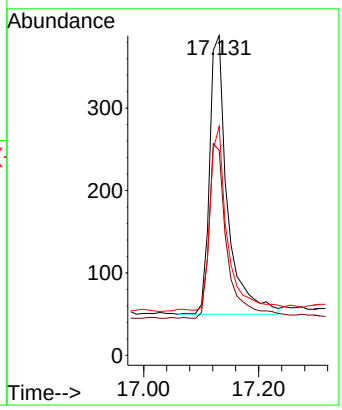


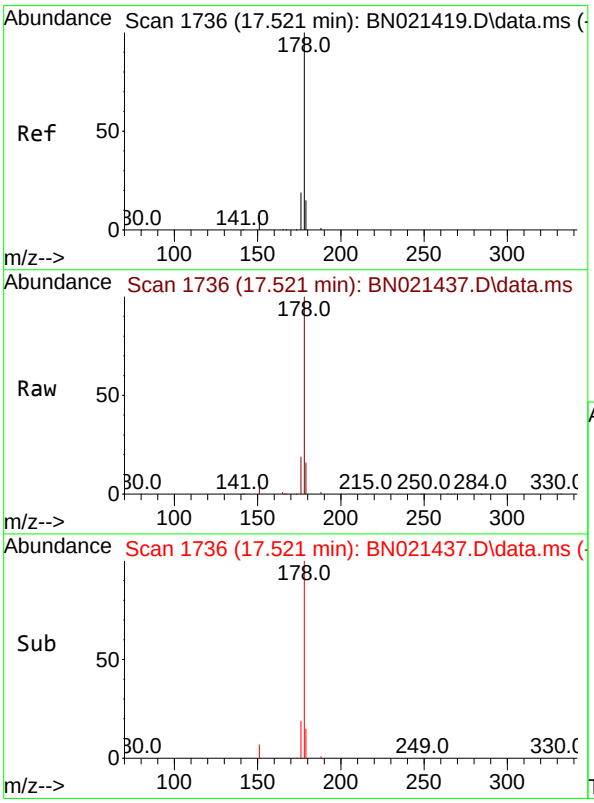
#24
Pentachlorophenol
Concen: 0.382 ng
RT: 17.131 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021437.D
Acq: 30 Aug 2022 01:44

Instrument :
BNA_N
ClientSampleId :
PB147201BSD

Tgt Ion:266 Resp: 730

Ion	Ratio	Lower	Upper
266	100		
264	64.4	49.0	73.6
268	63.3	50.9	76.3

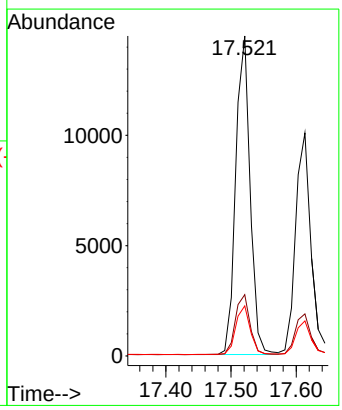


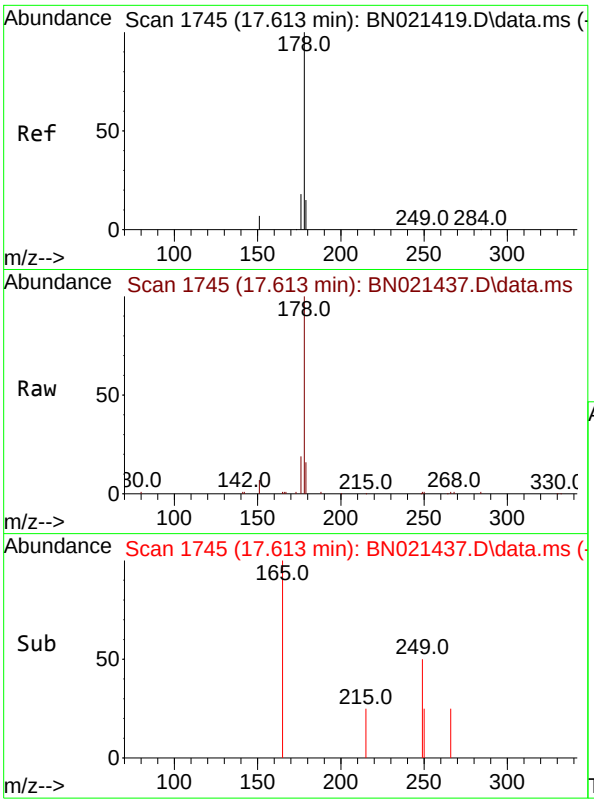


#25
Phenanthrene
Concen: 0.361 ng
RT: 17.521 min Scan# 1736
Delta R.T. -0.000 min
Lab File: BN021437.D
Acq: 30 Aug 2022 01:44

Tgt Ion:178 Resp: 22085

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.4	12.2	18.4



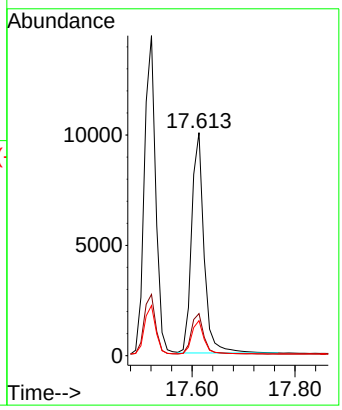


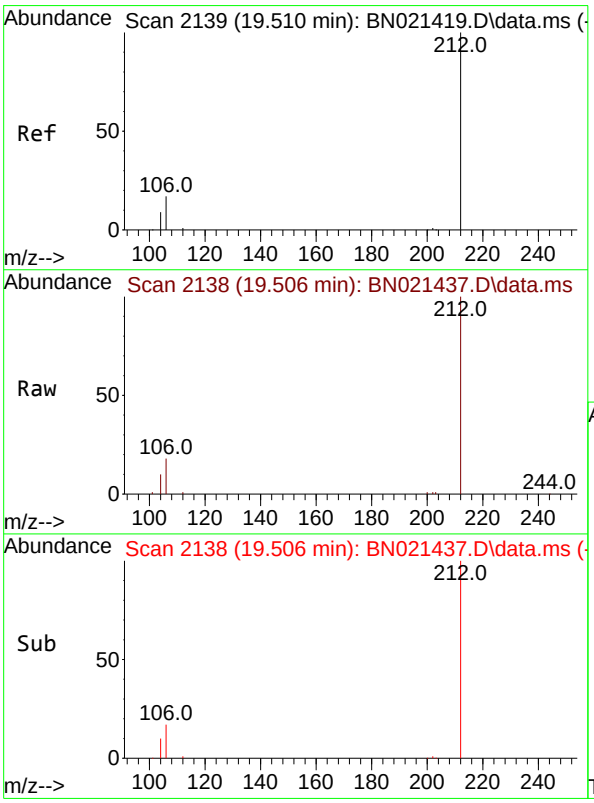
#26
Anthracene
Concen: 0.343 ng
RT: 17.613 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021437.D
Acq: 30 Aug 2022 01:44

Instrument :
BNA_N
ClientSampleId :
PB147201BSD

Tgt Ion:178 Resp: 16640

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.6	22.0
179	15.1	12.2	18.2

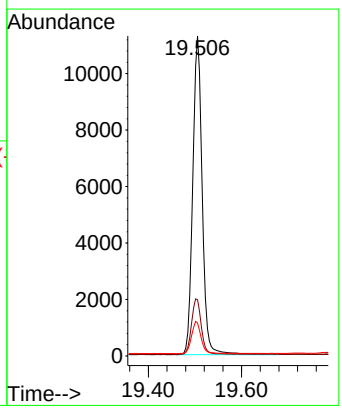


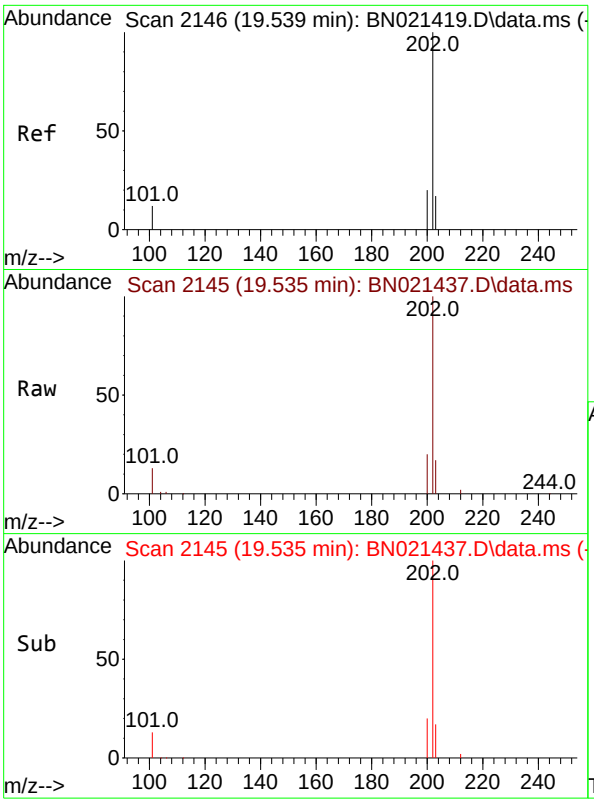


#27
Fluoranthene-d10
Concen: 0.349 ng
RT: 19.506 min Scan# 2138
Delta R.T. -0.004 min
Lab File: BN021437.D
Acq: 30 Aug 2022 01:44

Tgt Ion:212 Resp: 15914

Ion	Ratio	Lower	Upper
212	100		
106	18.1	14.2	21.2
104	10.2	7.8	11.6



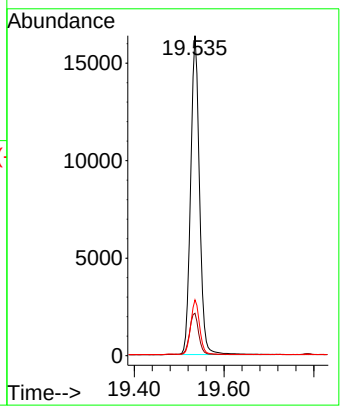


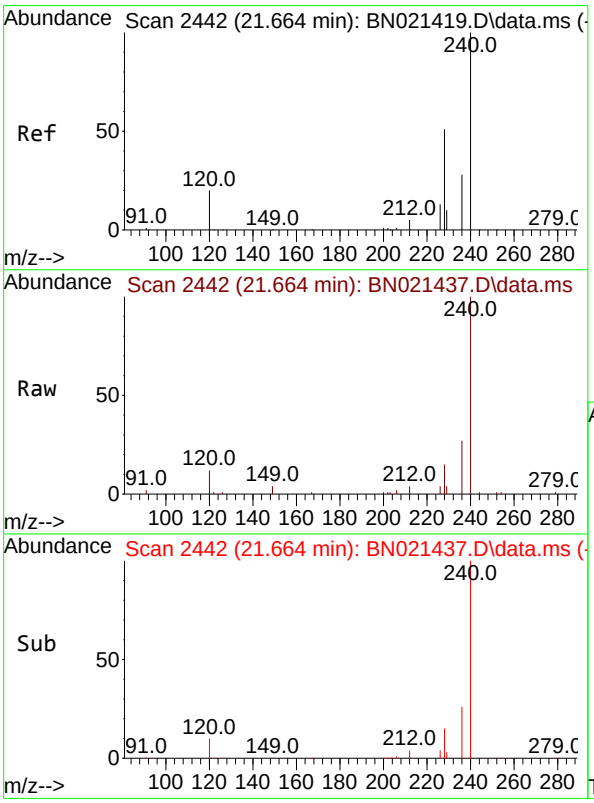
#28
Fluoranthene
Concen: 0.352 ng
RT: 19.535 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN021437.D
Acq: 30 Aug 2022 01:44

Instrument :
BNA_N
ClientSampleId :
PB147201BSD

Tgt Ion:202 Resp: 22326

Ion	Ratio	Lower	Upper
202	100		
101	13.6	10.9	16.3
203	17.1	13.8	20.6

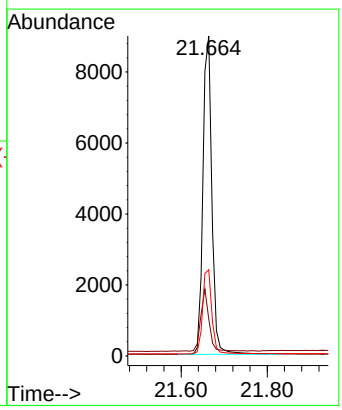


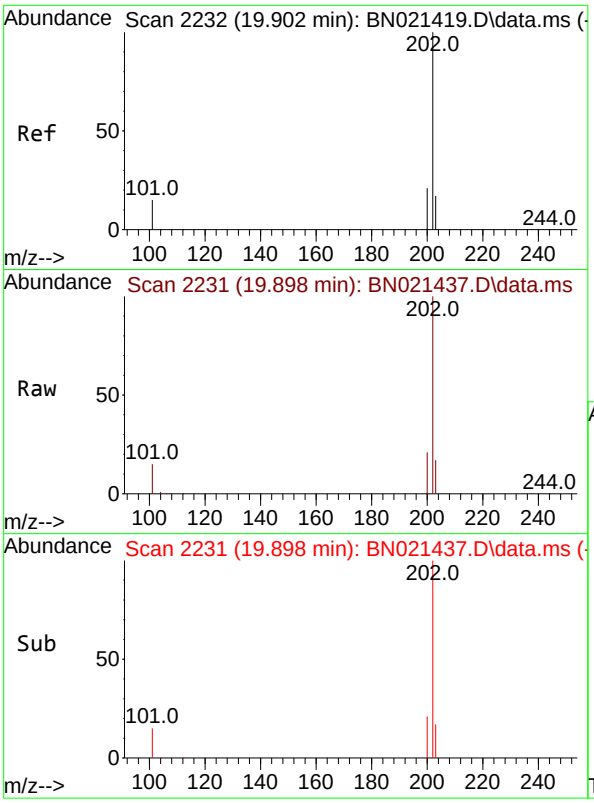


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.664 min Scan# 2442
Delta R.T. 0.000 min
Lab File: BN021437.D
Acq: 30 Aug 2022 01:44

Tgt Ion:240 Resp: 13003

Ion	Ratio	Lower	Upper
240	100		
120	11.5	10.2	15.4
236	27.0	22.1	33.1



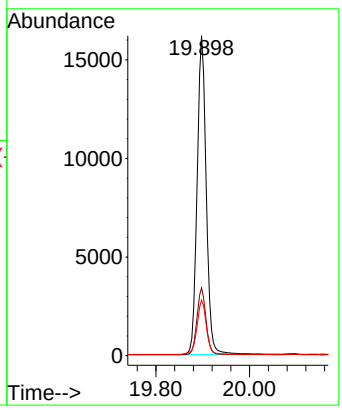


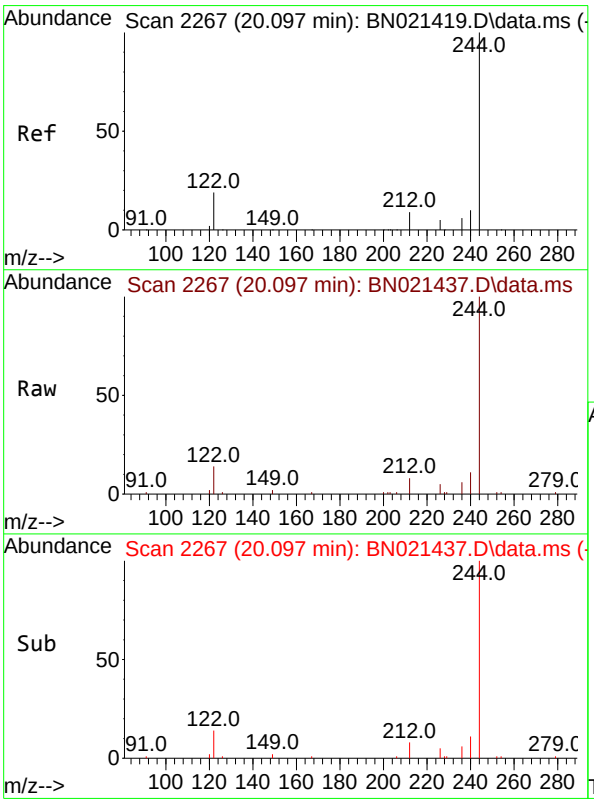
#30
Pyrene
Concen: 0.363 ng
RT: 19.898 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN021437.D
Acq: 30 Aug 2022 01:44

Instrument :
BNA_N
ClientSampleId :
PB147201BSD

Tgt Ion:202 Resp: 25189

Ion	Ratio	Lower	Upper
202	100		
200	18.1	13.9	20.9
203	15.2	11.9	17.9

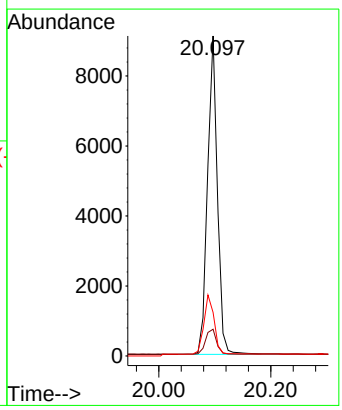


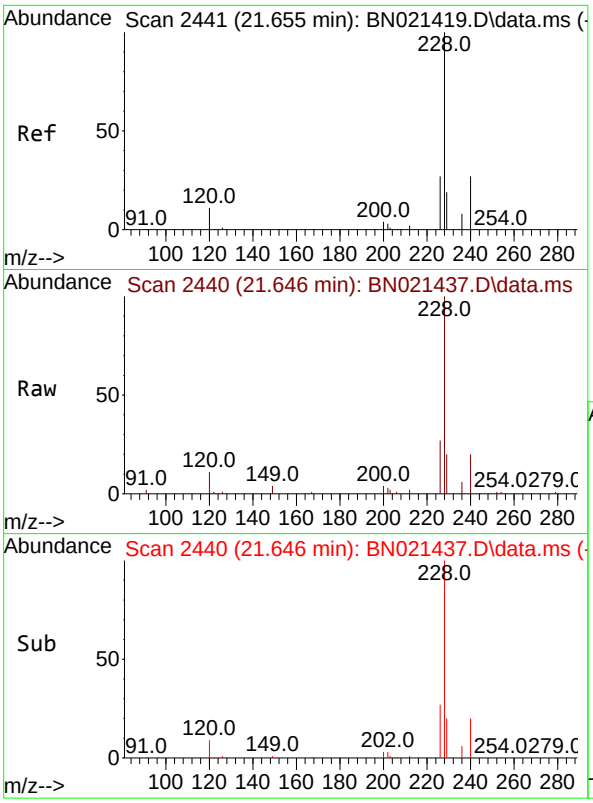


#31
Terphenyl-d14
Concen: 0.380 ng
RT: 20.097 min Scan# 2267
Delta R.T. -0.000 min
Lab File: BN021437.D
Acq: 30 Aug 2022 01:44

Tgt Ion:244 Resp: 11115

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.5	9.7
122	13.6	9.1	13.7



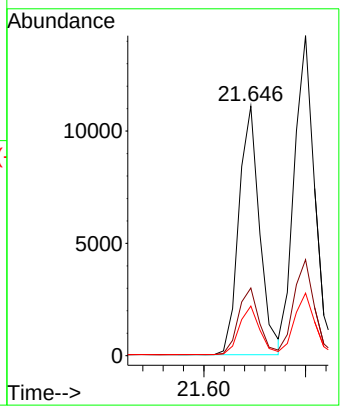


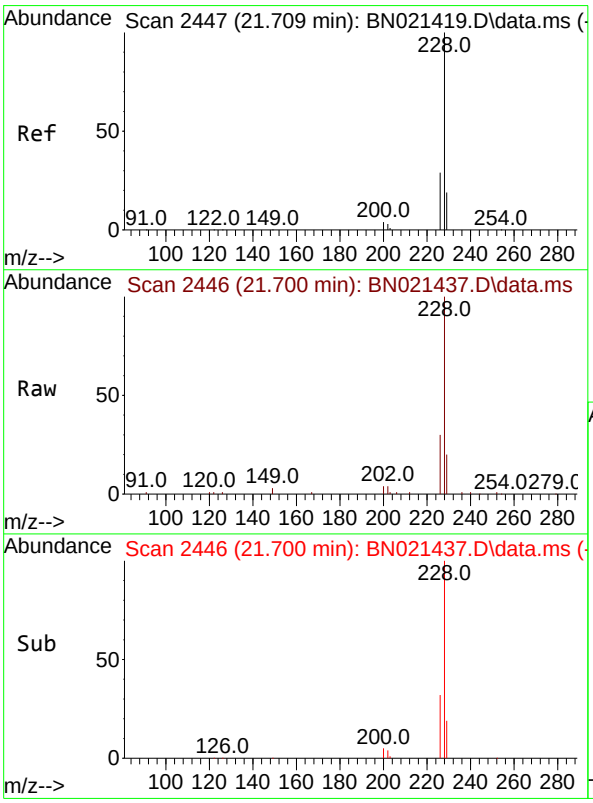
#32
Benzo(a)anthracene
Concen: 0.345 ng
RT: 21.646 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN021437.D
Acq: 30 Aug 2022 01:44

Instrument :
BNA_N
ClientSampleId :
PB147201BSD

Tgt Ion:228 Resp: 15623

Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.0	33.0
229	19.9	15.9	23.9

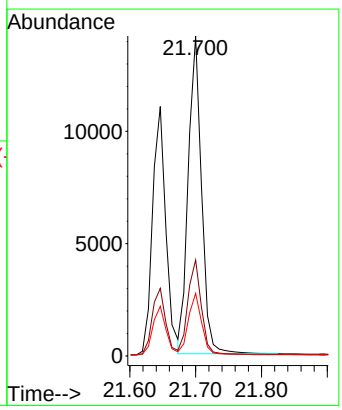


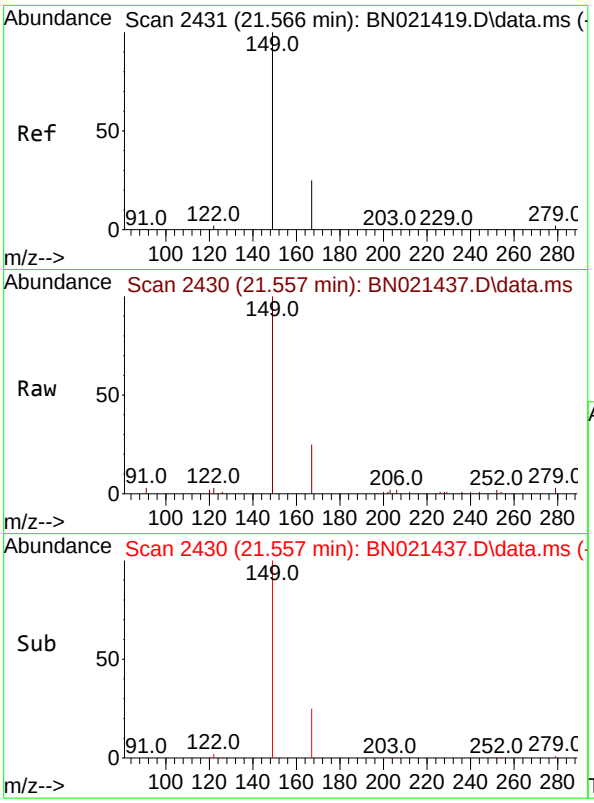


#33
Chrysene
Concen: 0.368 ng
RT: 21.700 min Scan# 2446
Delta R.T. -0.009 min
Lab File: BN021437.D
Acq: 30 Aug 2022 01:44

Tgt Ion:228 Resp: 19843

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.2
229	19.6	15.9	23.9



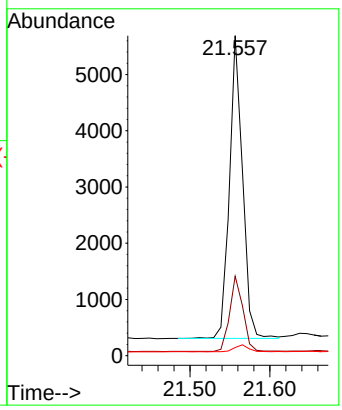


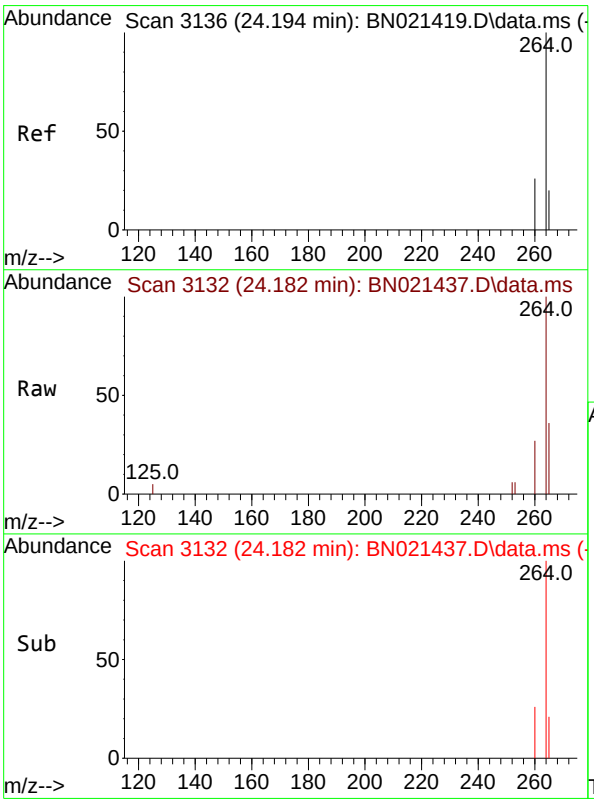
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.336 ng
RT: 21.557 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN021437.D
Acq: 30 Aug 2022 01:44

Instrument :
BNA_N
ClientSampleId :
PB147201BSD

Tgt Ion:149 Resp: 6134

Ion	Ratio	Lower	Upper
149	100		
167	25.2	21.4	32.0
279	2.6	2.2	3.2

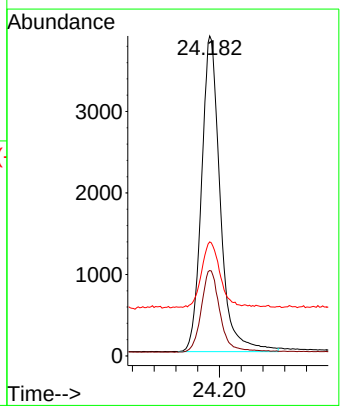


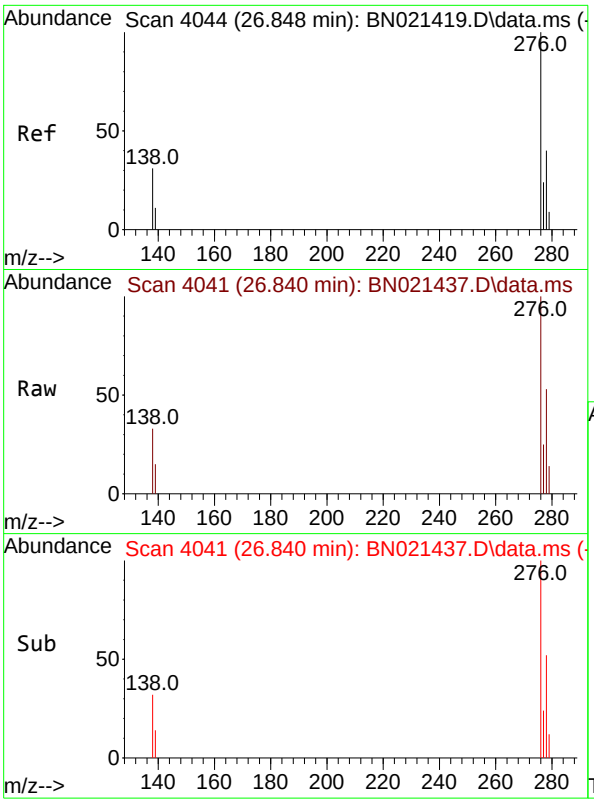


#35
Perylene-d12
Concen: 0.400 ng
RT: 24.182 min Scan# 3132
Delta R.T. -0.012 min
Lab File: BN021437.D
Acq: 30 Aug 2022 01:44

Tgt Ion:264 Resp: 9221

Ion	Ratio	Lower	Upper
264	100		
260	26.7	21.0	31.6
265	35.6	32.2	48.2



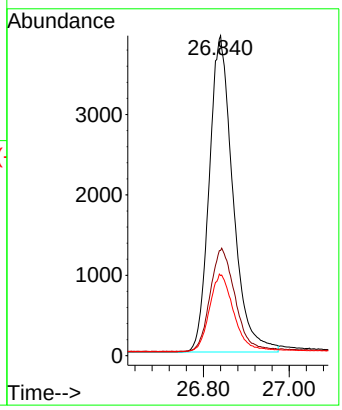


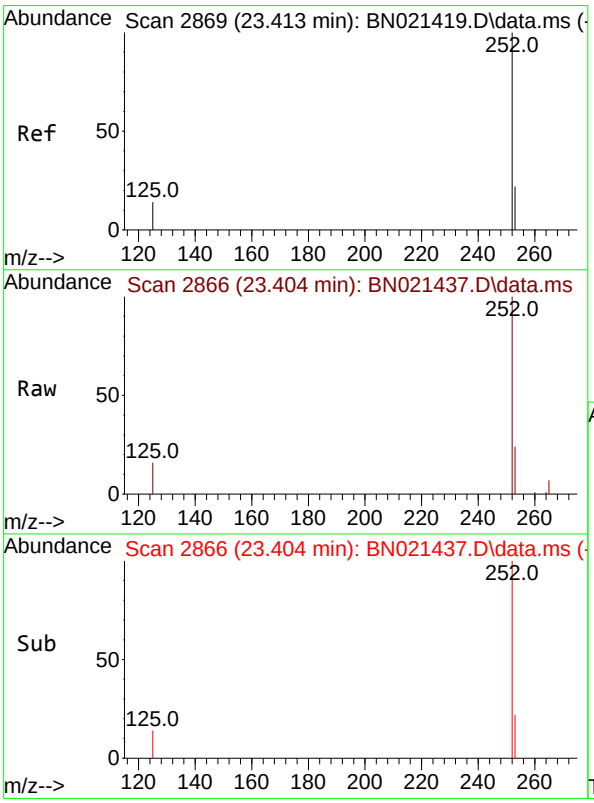
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.362 ng
RT: 26.840 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN021437.D
Acq: 30 Aug 2022 01:44

Instrument :
BNA_N
ClientSampleId :
PB147201BSD

Tgt Ion:276 Resp: 15087

Ion	Ratio	Lower	Upper
276	100		
138	34.1	27.4	41.2
277	25.0	19.9	29.9

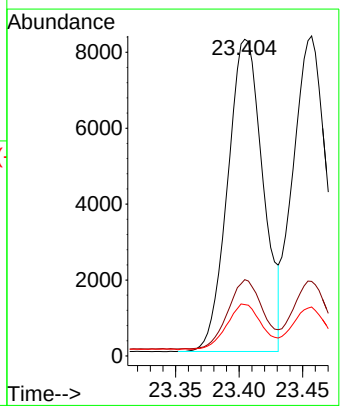


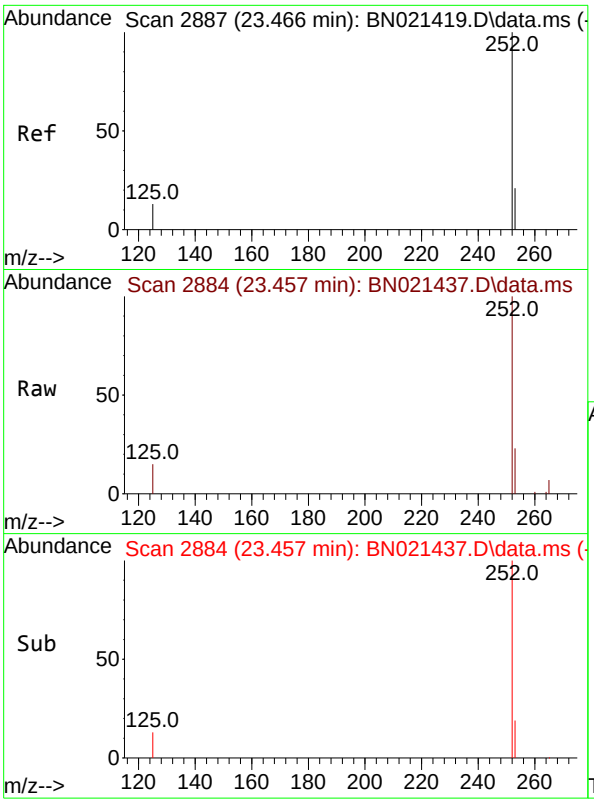


#37
Benzo(b)fluoranthene
Concen: 0.350 ng
RT: 23.404 min Scan# 2866
Delta R.T. -0.009 min
Lab File: BN021437.D
Acq: 30 Aug 2022 01:44

Tgt Ion:252 Resp: 15919

Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.8	29.6
125	16.2	13.7	20.5



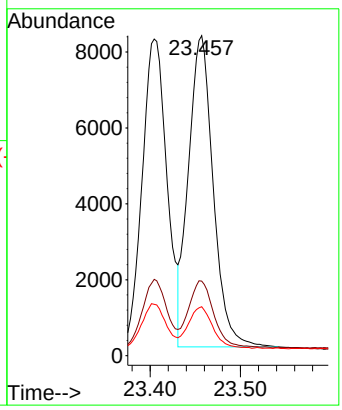


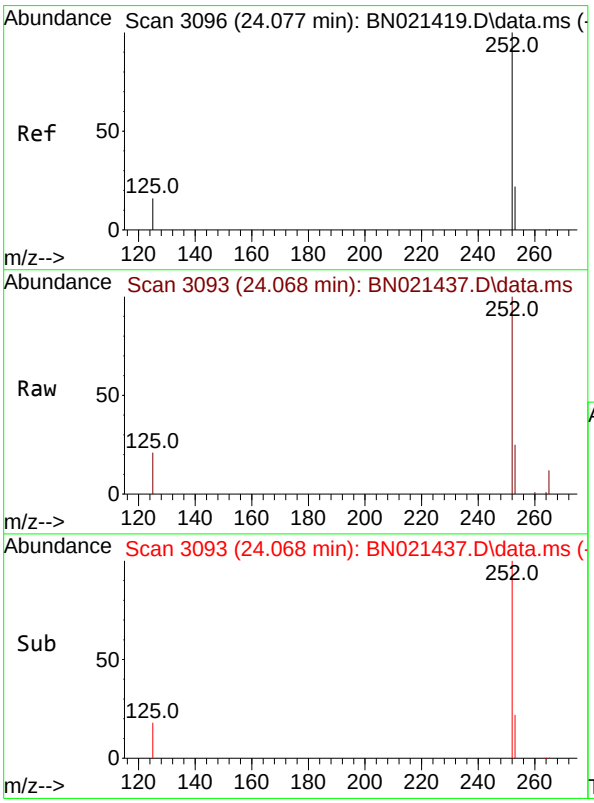
#38
Benzo(k)fluoranthene
Concen: 0.341 ng
RT: 23.457 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN021437.D
Acq: 30 Aug 2022 01:44

Instrument :
BNA_N
ClientSampleId :
PB147201BSD

Tgt Ion:252 Resp: 15622

Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.5	29.3
125	15.3	12.3	18.5

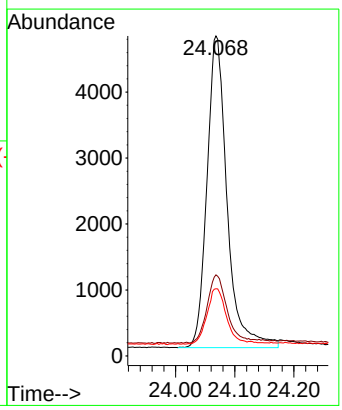


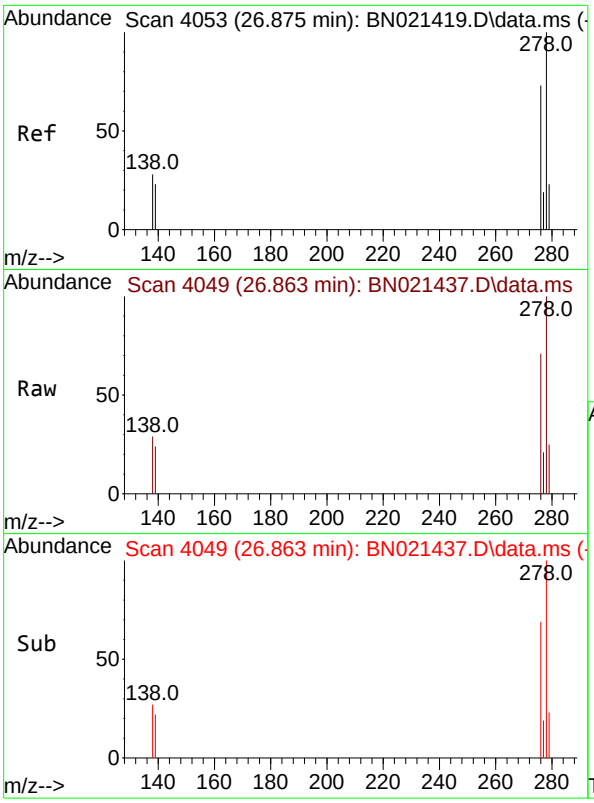


#39
Benzo(a)pyrene
Concen: 0.353 ng
RT: 24.068 min Scan# 3093
Delta R.T. -0.009 min
Lab File: BN021437.D
Acq: 30 Aug 2022 01:44

Tgt Ion:252 Resp: 11190

Ion	Ratio	Lower	Upper
252	100		
253	25.4	21.1	31.7
125	21.0	16.6	25.0



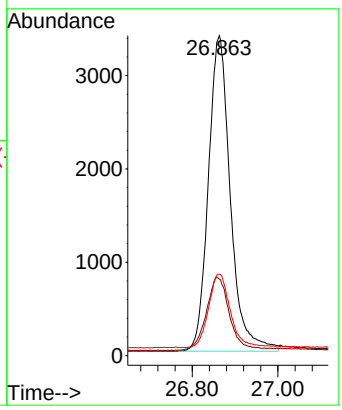


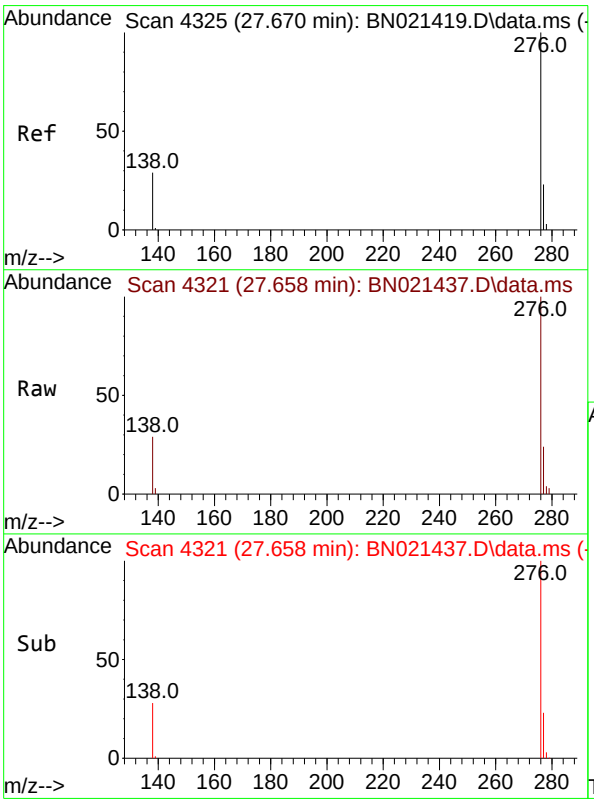
#40
Dibenzo(a,h)anthracene
Concen: 0.359 ng
RT: 26.863 min Scan# 4
Delta R.T. -0.012 min
Lab File: BN021437.D
Acq: 30 Aug 2022 01:44

Instrument :
BNA_N
ClientSampleId :
PB147201BSD

Tgt Ion:278 Resp: 12034

Ion	Ratio	Lower	Upper
278	100		
139	23.9	21.8	32.6
279	25.4	20.4	30.6





#41
Benzo(g,h,i)perylene
Concen: 0.345 ng
RT: 27.658 min Scan# 4321
Delta R.T. -0.012 min
Lab File: BN021437.D
Acq: 30 Aug 2022 01:44

Tgt Ion:276 Resp: 12680

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.7	29.5
138	29.4	23.7	35.5