Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083022\
Data File : BN021469.D
Acq On : 31 Aug 2022 00:26
Operator : CG/JU
Sample : PB147233BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB147233BS

Quant Time: Aug 31 01:24:29 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	5315	0.400	ng	0.00
7) Naphthalene-d8	10.909	136	16895	0.400	ng	# 0.00
13) Acenaphthene-d10	14.728	164	9566	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	19576	0.400	ng	0.00
29) Chrysene-d12	21.664	240	13825	0.400	ng	0.00
35) Perylene-d12	24.185	264	10371	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.599	112	4304	0.414	ng	0.00
5) Phenol-d6	7.224	99	5394	0.407	ng	0.00
8) Nitrobenzene-d5	9.243	82	4205	0.369	ng	-0.01
11) 2-Methylnaphthalene-d10	12.490	152	14819	0.389	ng	0.00
14) 2,4,6-Tribromophenol	16.218	330	1056	0.336	ng	0.00
15) 2-Fluorobiphenyl	13.360	172	15885	0.380	ng	0.00
27) Fluoranthene-d10	19.505	212	18567	0.369	ng	0.00
31) Terphenyl-d14	20.097	244	12632	0.407	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.410	88	2680	0.403	ng	# 89
3) n-Nitrosodimethylamine	3.750	42	2332	0.389	ng	# 91
6) bis(2-Chloroethyl)ether	7.491	93	6559	0.393	ng	98
9) Naphthalene	10.951	128	19186	0.383	ng	99
10) Hexachlorobutadiene	11.240	225	3324	0.384	ng	# 100
12) 2-Methylnaphthalene	12.187	142	2516	0.429	ng	# 95
16) Acenaphthylene	14.450	152	16093	0.358	ng	100
17) Acenaphthene	14.792	154	11805	0.374	ng	97
18) Fluorene	15.776	166	14689	0.377	ng	100
21) 4-Bromophenyl-phenylether	16.659	248	4550	0.371	ng	# 82
22) Hexachlorobenzene	16.772	284	5612	0.375	ng	98
23) Atrazine	16.926	200	2511	0.351	ng	97
24) Pentachlorophenol	17.131	266	952	0.414	ng	98
25) Phenanthrene	17.521	178	25307	0.375	ng	100
26) Anthracene	17.613	178	19714	0.367	ng	99
28) Fluoranthene	19.535	202	25654	0.365	ng	100
30) Pyrene	19.897	202	29168	0.396	ng	97
32) Benzo(a)anthracene	21.646	228	18143	0.377	ng	100
33) Chrysene	21.700	228	22225	0.387	ng	99
34) Bis(2-ethylhexyl)phtha...	21.556	149	7491	0.386	ng	98
36) Indeno(1,2,3-cd)pyrene	26.840	276	18004	0.385	ng	99
37) Benzo(b)fluoranthene	23.407	252	19040	0.372	ng	99
38) Benzo(k)fluoranthene	23.457	252	18259	0.355	ng	99
39) Benzo(a)pyrene	24.071	252	13997	0.392	ng	# 93
40) Dibenzo(a,h)anthracene	26.860	278	14394	0.382	ng	97
41) Benzo(g,h,i)perylene	27.658	276	14255	0.345	ng	100

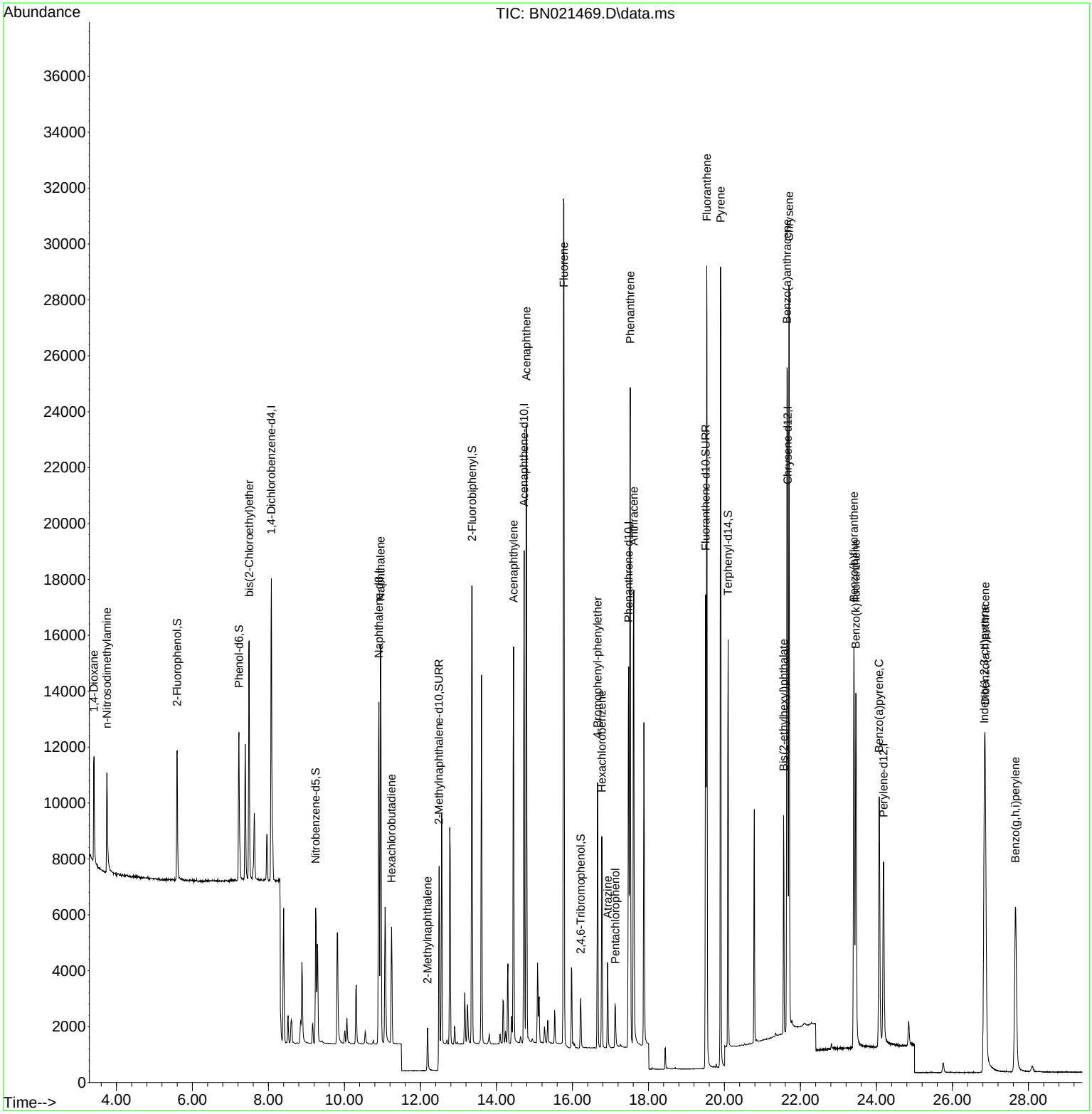
(#) = qualifier out of range (m) = manual integration (+) = signals summed

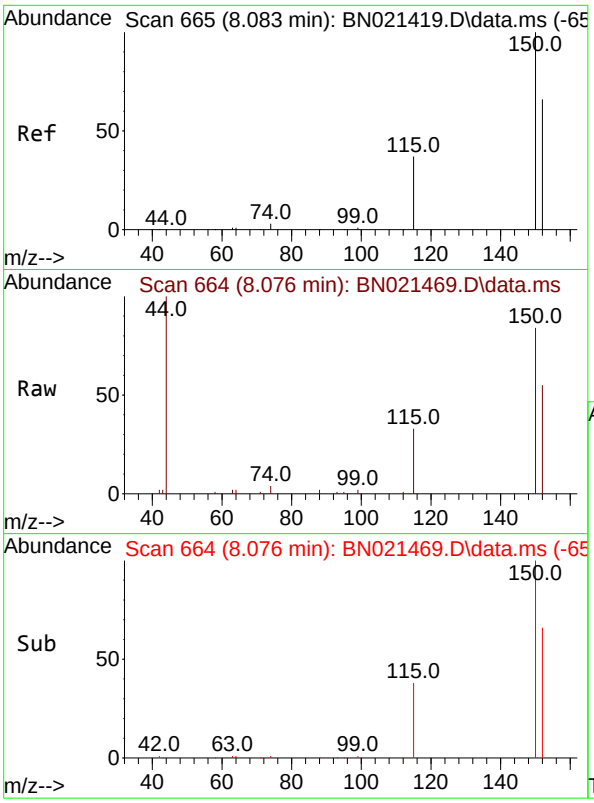
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083022\
Data File : BN021469.D
Acq On : 31 Aug 2022 00:26
Operator : CG/JU
Sample : PB147233BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB147233BS

Quant Time: Aug 31 01:24:29 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



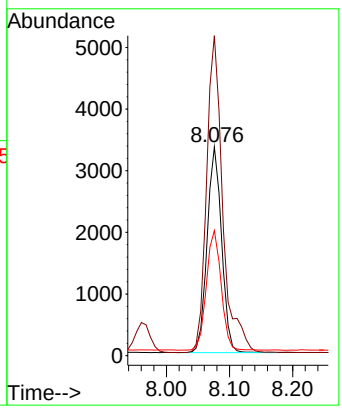


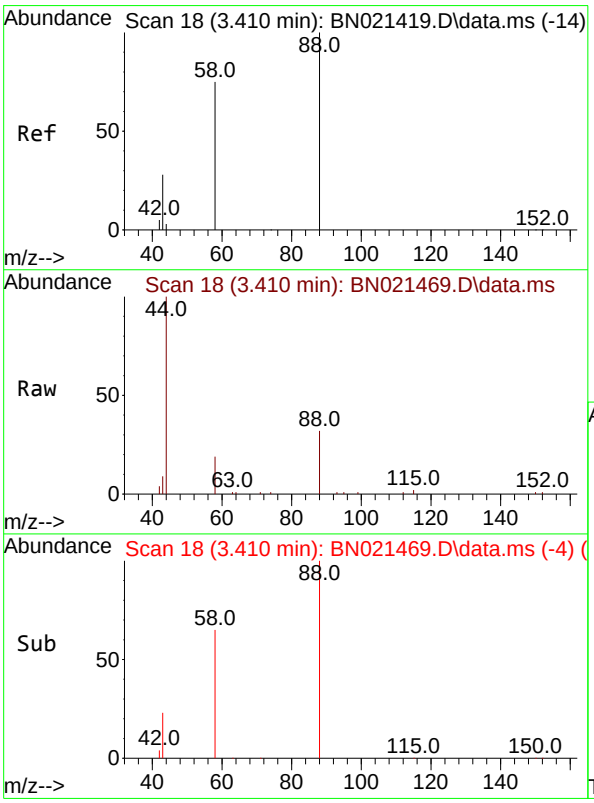
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.076 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN021469.D
Acq: 31 Aug 2022 00:26

Instrument :
BNA_N
ClientSampleId :
PB147233BS

Tgt Ion:152 Resp: 5315

Ion	Ratio	Lower	Upper
152	100		
150	153.3	121.4	182.0
115	59.9	48.6	72.8

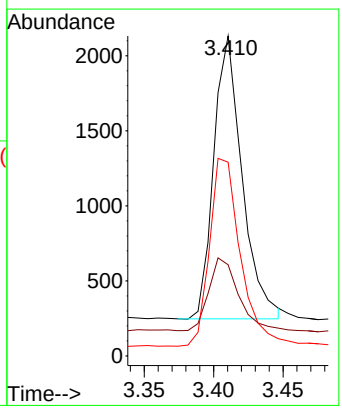


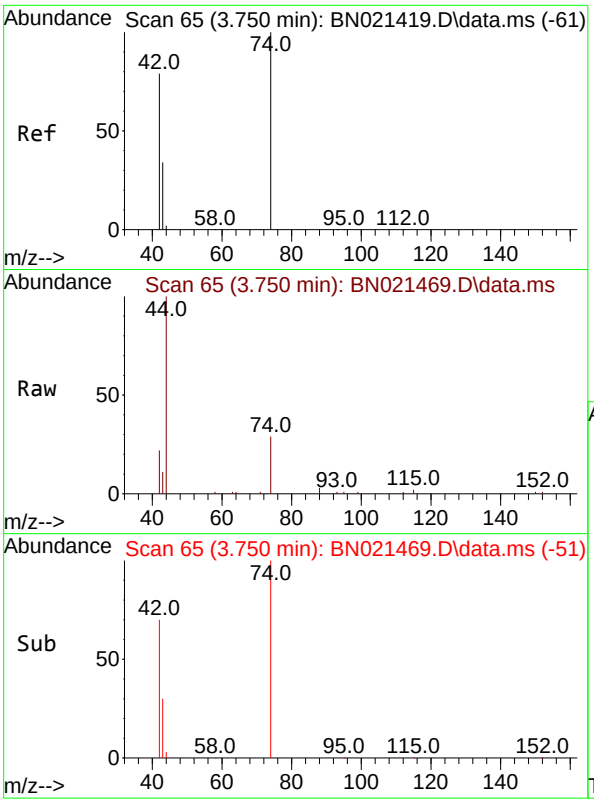


#2
1,4-Dioxane
Concen: 0.403 ng
RT: 3.410 min Scan# 18
Delta R.T. -0.000 min
Lab File: BN021469.D
Acq: 31 Aug 2022 00:26

Tgt Ion: 88 Resp: 2680

Ion	Ratio	Lower	Upper
88	100		
43	27.0	35.8	53.8#
58	71.9	57.1	85.7



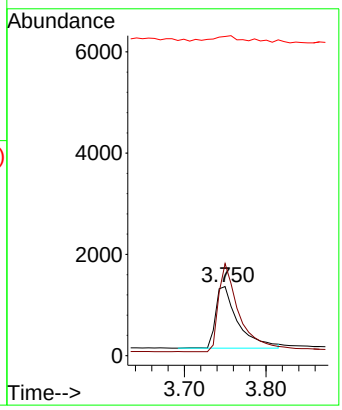


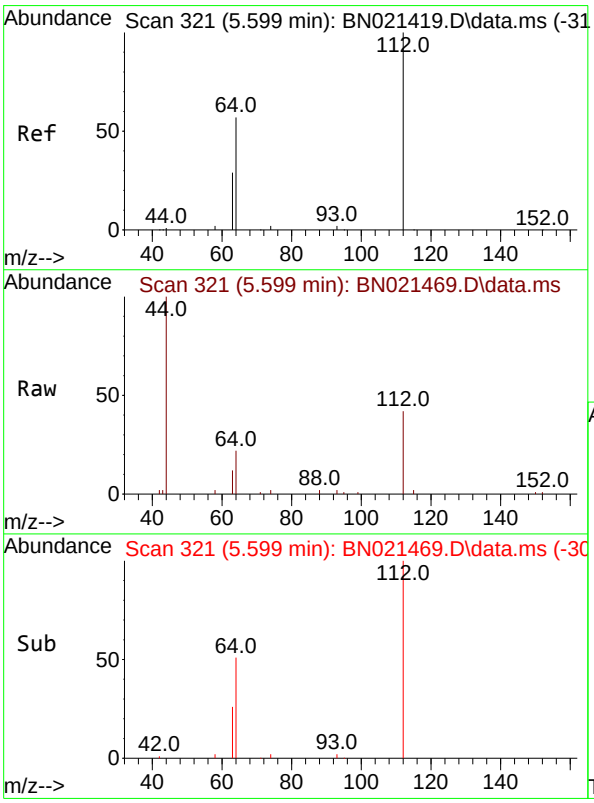
#3
n-Nitrosodimethylamine
Concen: 0.389 ng
RT: 3.750 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN021469.D
Acq: 31 Aug 2022 00:26

Instrument :
BNA_N
ClientSampleId :
PB147233BS

Tgt Ion: 42 Resp: 2332

Ion	Ratio	Lower	Upper
42	100		
74	131.6	113.0	169.6
44	6.6	10.5	15.7#

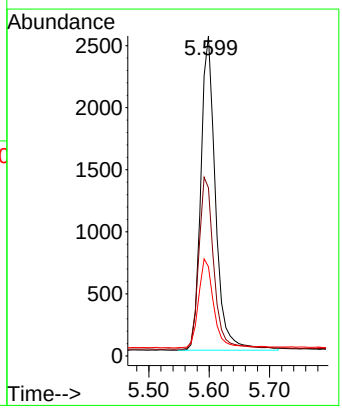


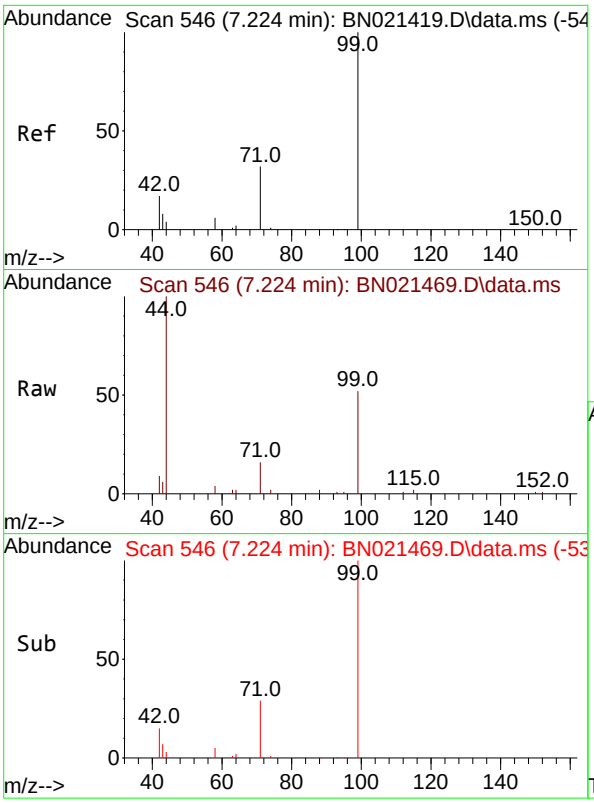


#4
2-Fluorophenol
Concen: 0.414 ng
RT: 5.599 min Scan# 321
Delta R.T. -0.000 min
Lab File: BN021469.D
Acq: 31 Aug 2022 00:26

Tgt Ion:112 Resp: 4304

Ion	Ratio	Lower	Upper
112	100		
64	56.1	43.5	65.3
63	29.1	22.6	34.0



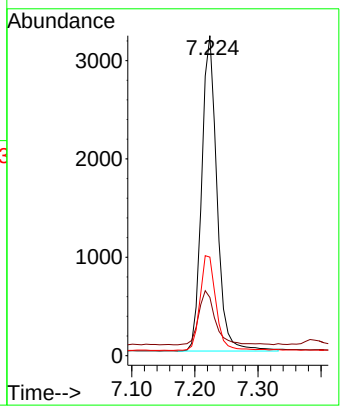


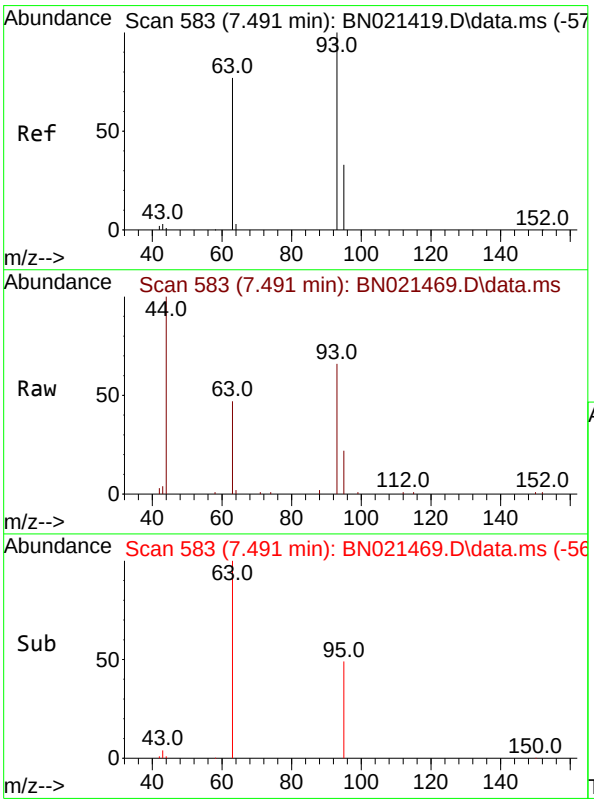
#5
Phenol-d6
Concen: 0.407 ng
RT: 7.224 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN021469.D
Acq: 31 Aug 2022 00:26

Instrument :
BNA_N
ClientSampleId :
PB147233BS

Tgt Ion: 99 Resp: 5394

Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.5	23.3
71	31.6	24.2	36.2

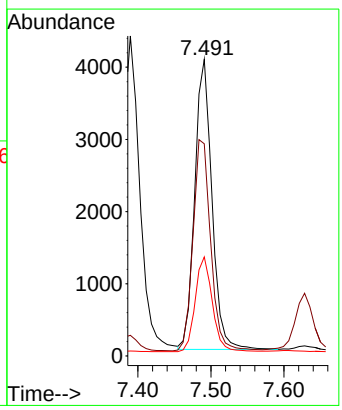


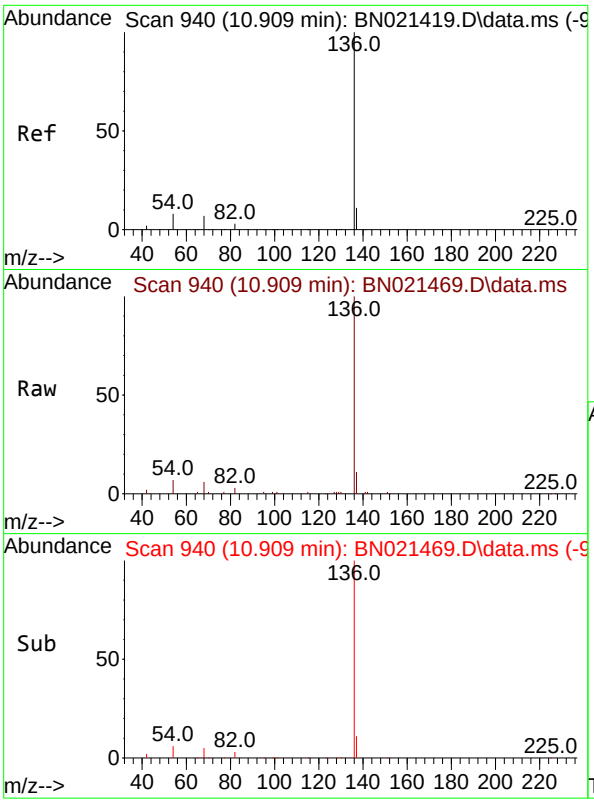


#6
bis(2-Chloroethyl)ether
Concen: 0.393 ng
RT: 7.491 min Scan# 583
Delta R.T. -0.000 min
Lab File: BN021469.D
Acq: 31 Aug 2022 00:26

Tgt Ion: 93 Resp: 6559

Ion	Ratio	Lower	Upper
93	100		
63	74.9	57.8	86.8
95	32.6	25.9	38.9



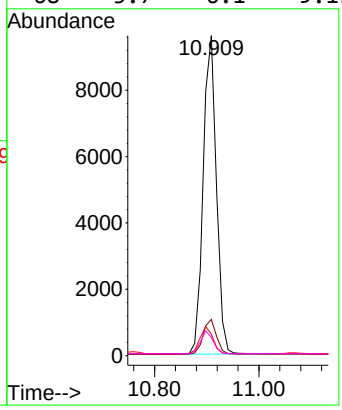


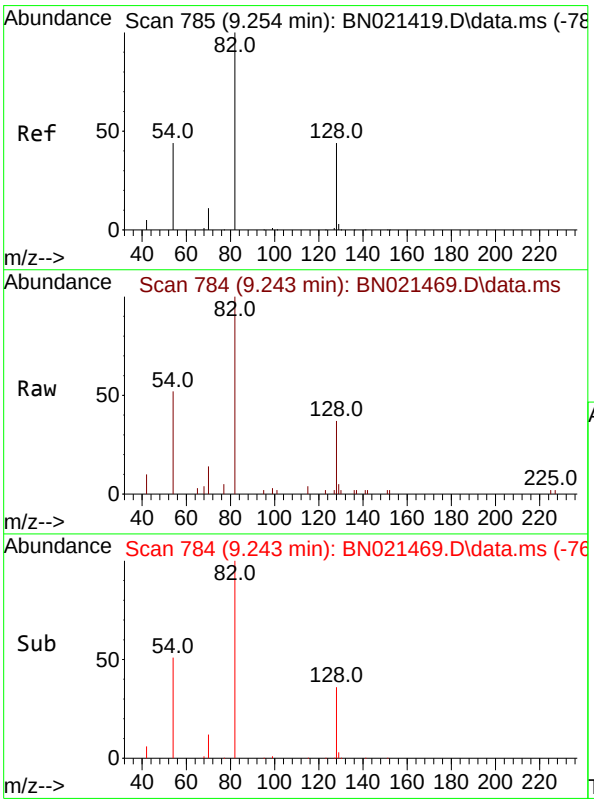
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.909 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN021469.D
Acq: 31 Aug 2022 00:26

Instrument :
BNA_N
ClientSampleId :
PB147233BS

Tgt Ion:136 Resp: 16895

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	6.7	6.9	10.3#
68	5.7	6.1	9.1#

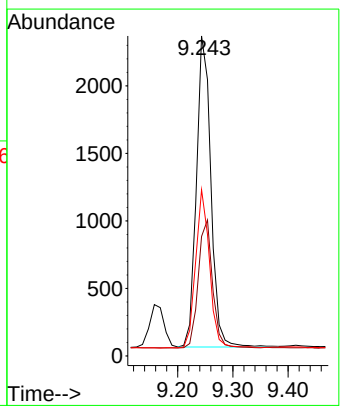


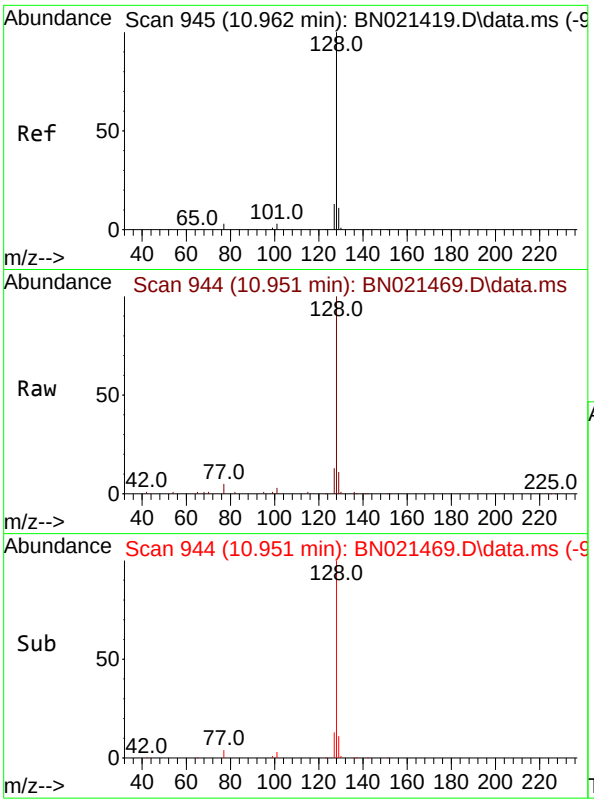


#8
Nitrobenzene-d5
Concen: 0.369 ng
RT: 9.243 min Scan# 784
Delta R.T. -0.011 min
Lab File: BN021469.D
Acq: 31 Aug 2022 00:26

Tgt Ion: 82 Resp: 4205

Ion	Ratio	Lower	Upper
82	100		
128	37.3	30.9	46.3
54	51.9	42.7	64.1



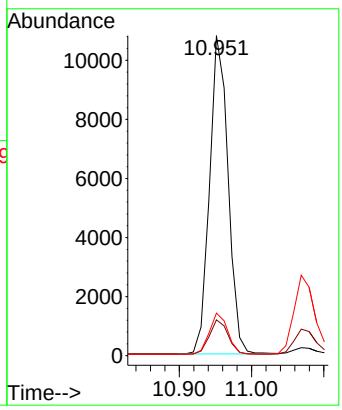


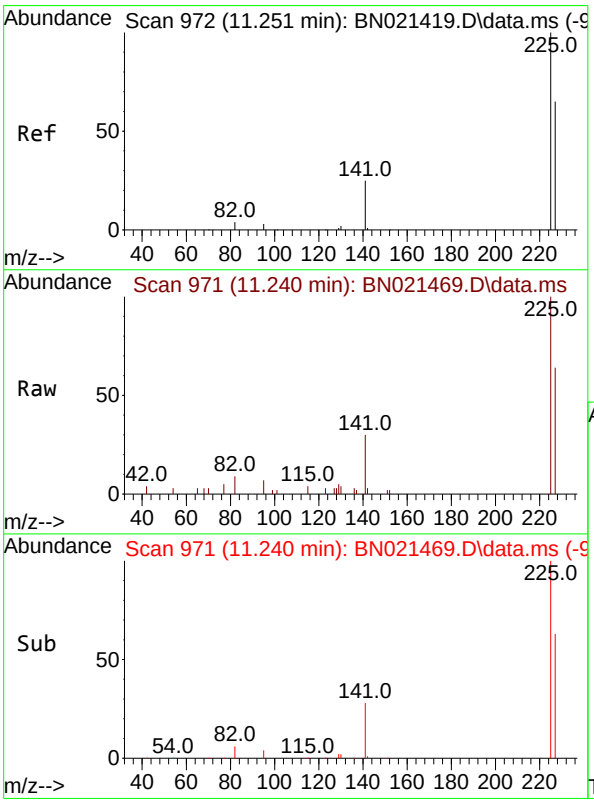
#9
Naphthalene
Concen: 0.383 ng
RT: 10.951 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN021469.D
Acq: 31 Aug 2022 00:26

Instrument :
BNA_N
ClientSampleId :
PB147233BS

Tgt Ion:128 Resp: 19186

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.3	13.9
127	13.3	11.0	16.4

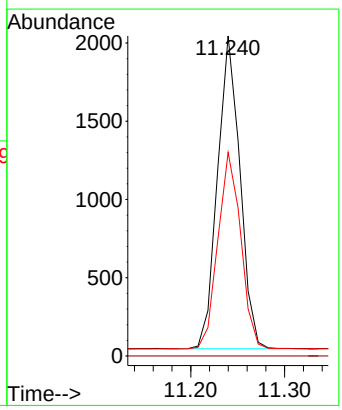


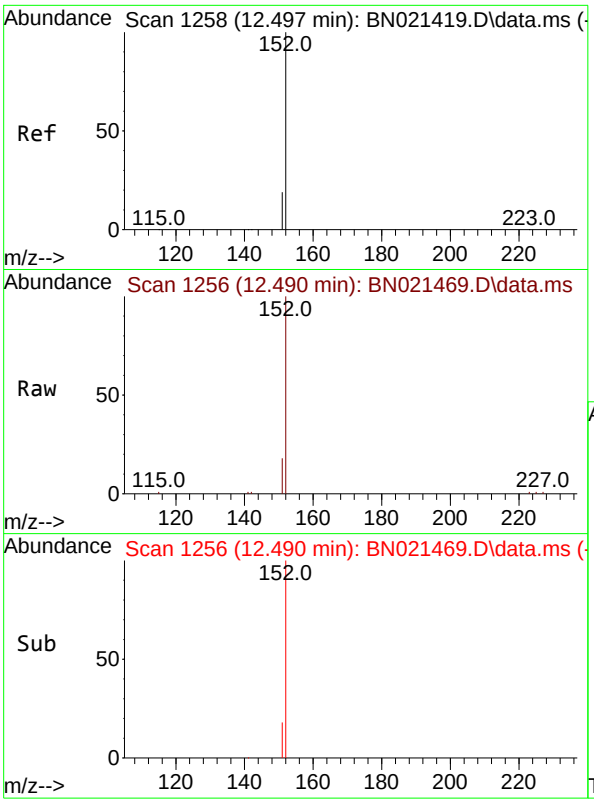


#10
Hexachlorobutadiene
Concen: 0.384 ng
RT: 11.240 min Scan# 971
Delta R.T. -0.011 min
Lab File: BN021469.D
Acq: 31 Aug 2022 00:26

Tgt Ion:225 Resp: 3324

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	51.2	76.8



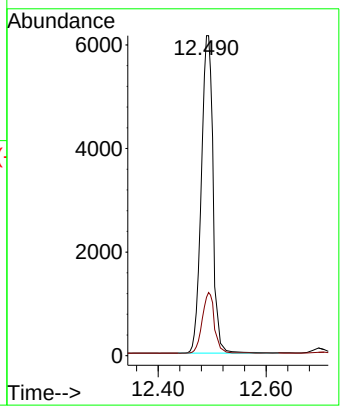


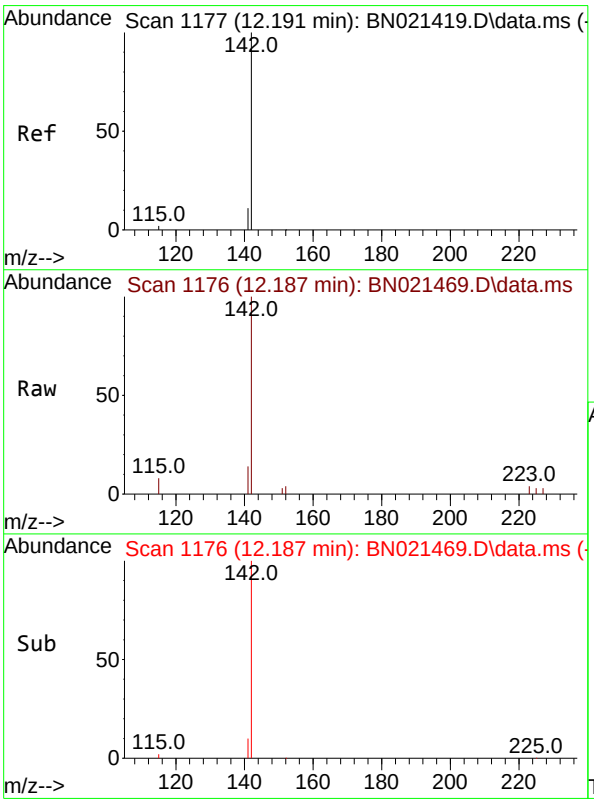
#11
2-Methylnaphthalene-d10
Concen: 0.389 ng
RT: 12.490 min Scan# 1
Delta R.T. -0.008 min
Lab File: BN021469.D
Acq: 31 Aug 2022 00:26

Instrument :
BNA_N
ClientSampleId :
PB147233BS

Tgt Ion:152 Resp: 14819

Ion	Ratio	Lower	Upper
152	100		
151	18.0	14.5	21.7

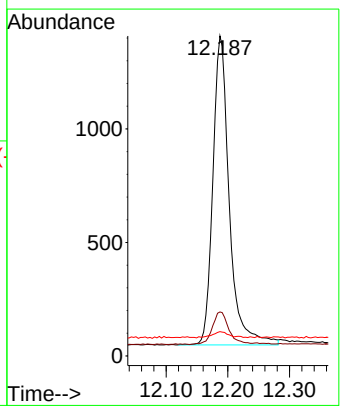


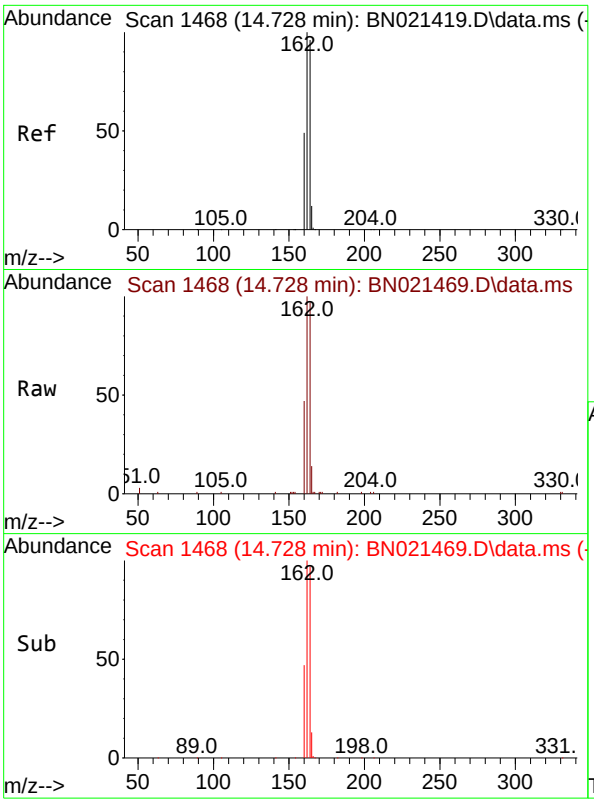


#12
2-Methylnaphthalene
Concen: 0.429 ng
RT: 12.187 min Scan# 1176
Delta R.T. -0.004 min
Lab File: BN021469.D
Acq: 31 Aug 2022 00:26

Tgt Ion:142 Resp: 2516

Ion	Ratio	Lower	Upper
142	100		
141	13.8	12.2	18.2
115	7.6	7.9	11.9#



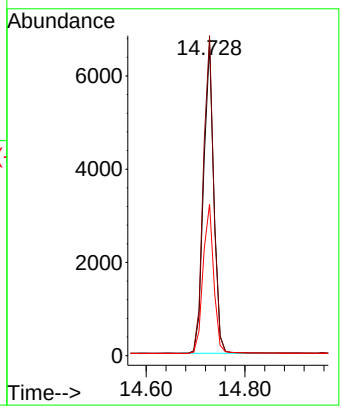


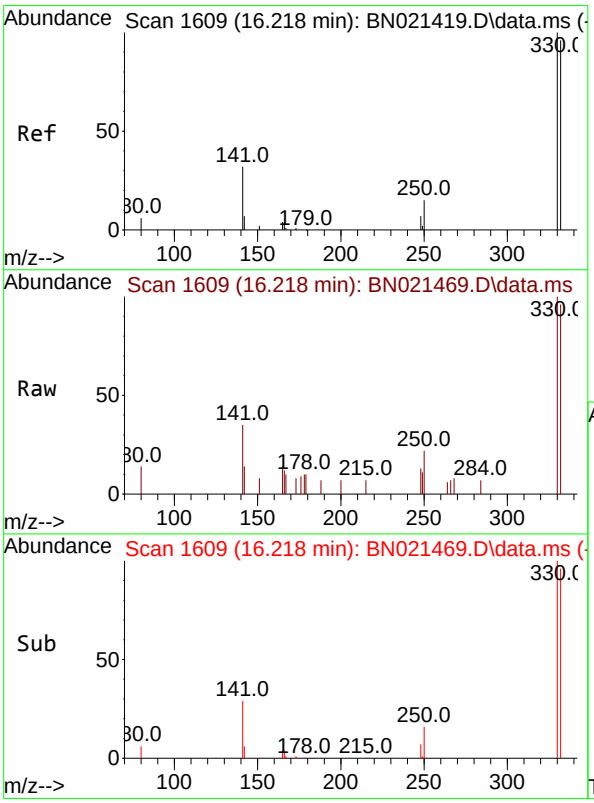
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.728 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN021469.D
Acq: 31 Aug 2022 00:26

Instrument :
BNA_N
ClientSampleId :
PB147233BS

Tgt Ion:164 Resp: 9566

Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.2	123.4
160	48.7	39.5	59.3

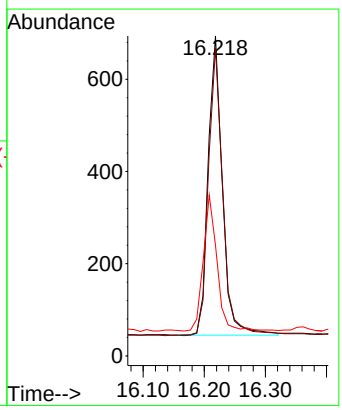


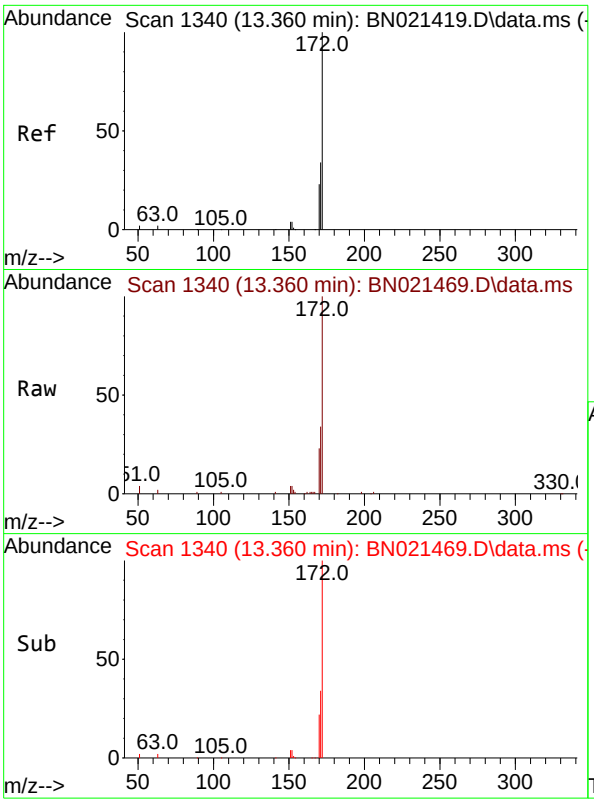


#14
2,4,6-Tribromophenol
Concen: 0.336 ng
RT: 16.218 min Scan# 1609
Delta R.T. 0.000 min
Lab File: BN021469.D
Acq: 31 Aug 2022 00:26

Tgt Ion:330 Resp: 1056

Ion	Ratio	Lower	Upper
330	100		
332	97.5	79.3	118.9
141	43.8	37.1	55.7



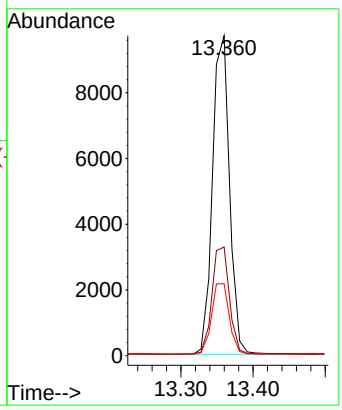


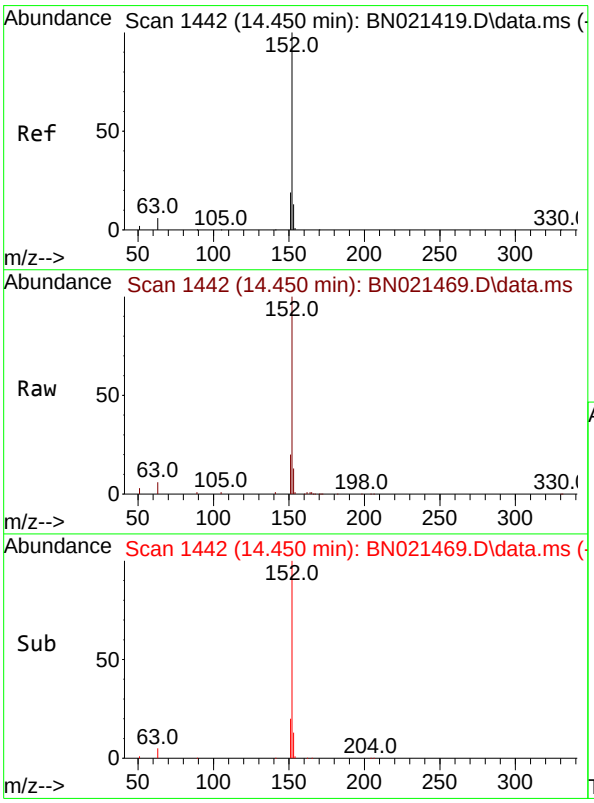
#15
2-Fluorobiphenyl
Concen: 0.380 ng
RT: 13.360 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021469.D
Acq: 31 Aug 2022 00:26

Instrument :
BNA_N
ClientSampleId :
PB147233BS

Tgt Ion:172 Resp: 15885

Ion	Ratio	Lower	Upper
172	100		
171	33.9	27.8	41.6
170	22.5	18.6	28.0

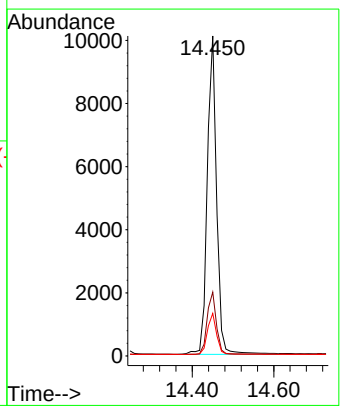


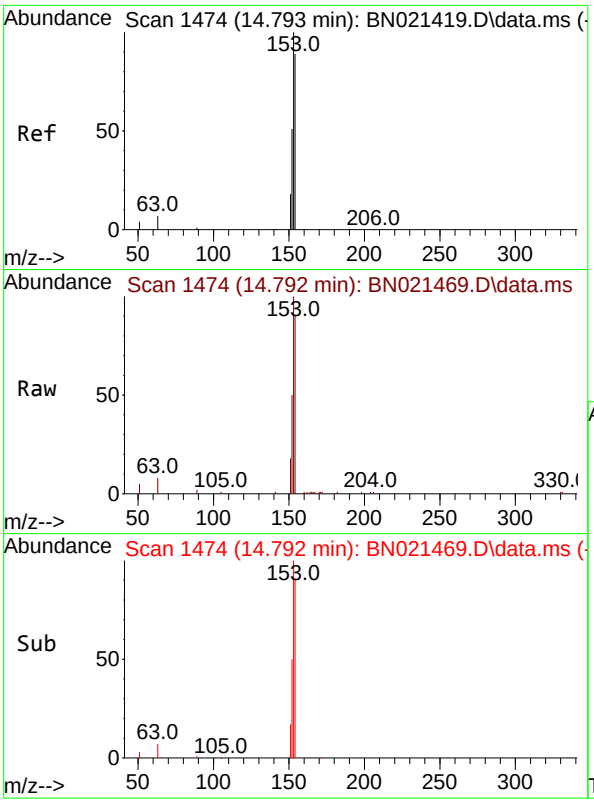


#16
Acenaphthylene
Concen: 0.358 ng
RT: 14.450 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BN021469.D
Acq: 31 Aug 2022 00:26

Tgt Ion:152 Resp: 16093

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.2
153	12.8	10.3	15.5



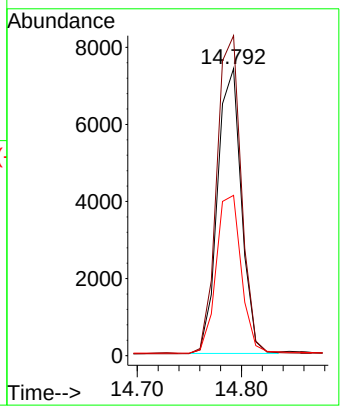


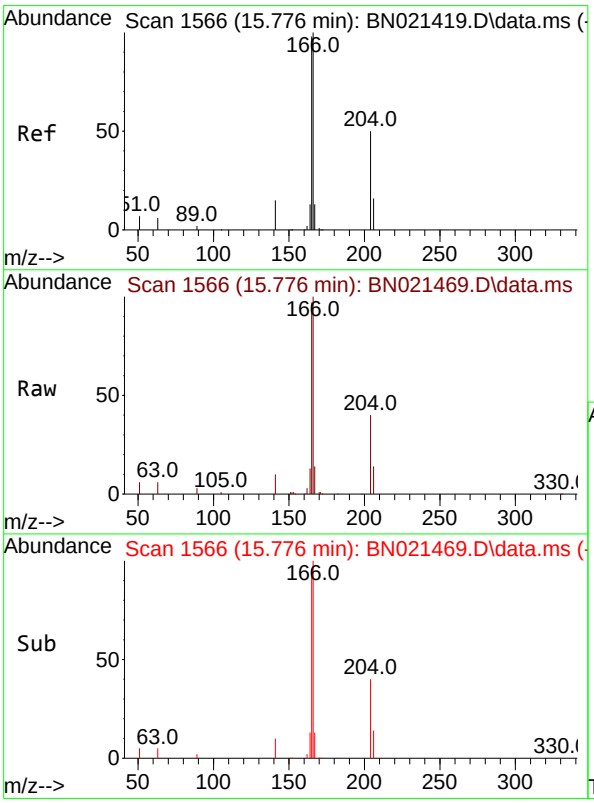
#17
Acenaphthene
Concen: 0.374 ng
RT: 14.792 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN021469.D
Acq: 31 Aug 2022 00:26

Instrument :
BNA_N
ClientSampleId :
PB147233BS

Tgt Ion:154 Resp: 11805

Ion	Ratio	Lower	Upper
154	100		
153	114.8	89.5	134.3
152	58.8	45.5	68.3

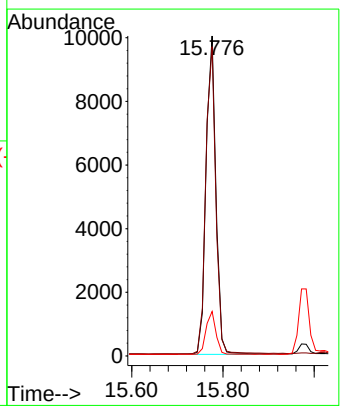


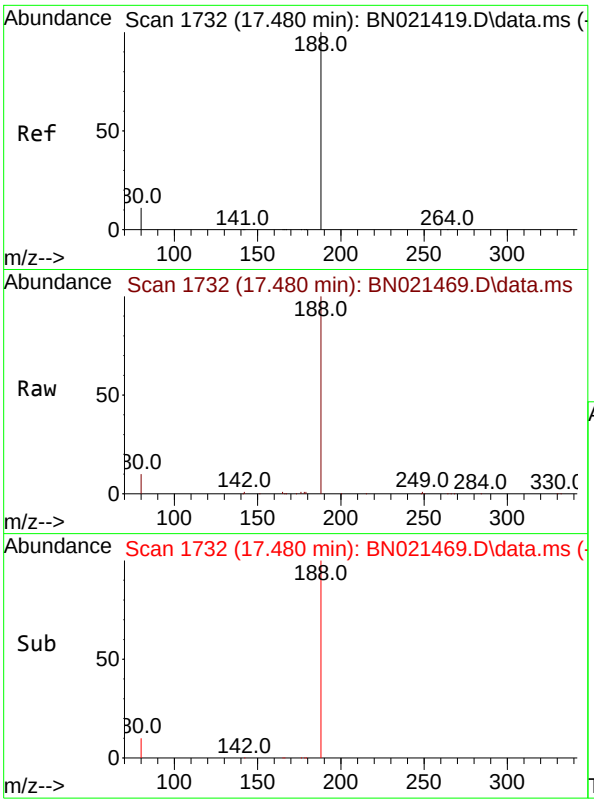


#18
Fluorene
Concen: 0.377 ng
RT: 15.776 min Scan# 1566
Delta R.T. -0.000 min
Lab File: BN021469.D
Acq: 31 Aug 2022 00:26

Tgt Ion:166 Resp: 14689

Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.7	118.1
167	13.6	10.6	16.0



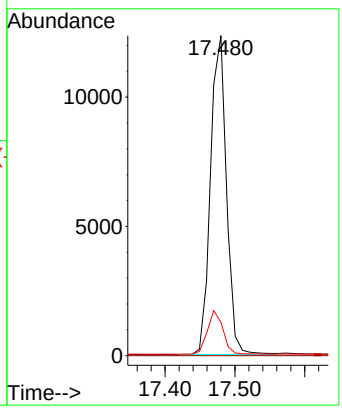


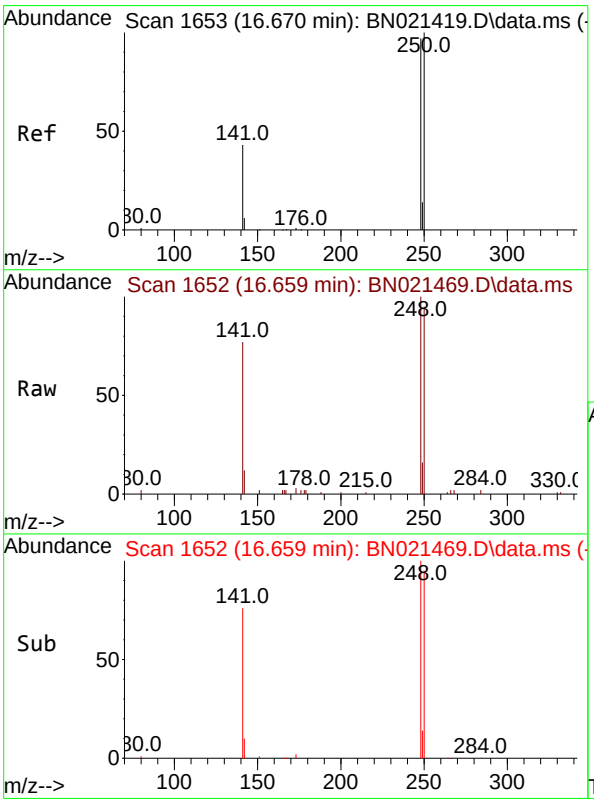
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021469.D
Acq: 31 Aug 2022 00:26

Instrument :
BNA_N
ClientSampleId :
PB147233BS

Tgt Ion:188 Resp: 19576

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.4	9.5	14.3

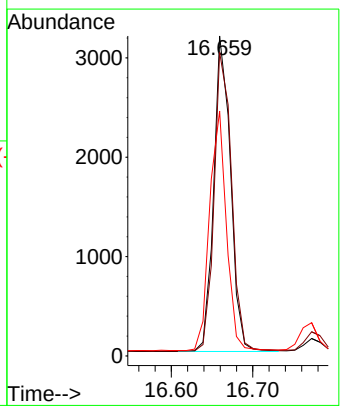


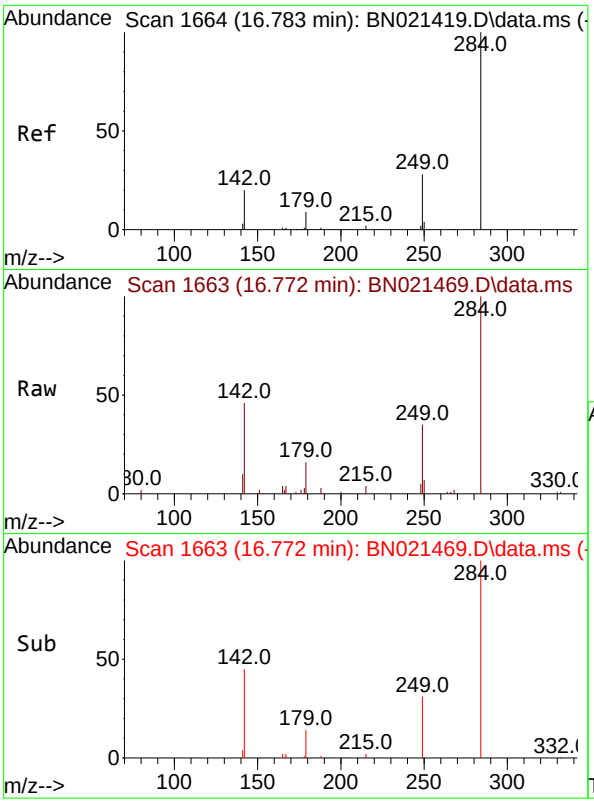


#21
4-Bromophenyl-phenylether
Concen: 0.371 ng
RT: 16.659 min Scan# 1652
Delta R.T. -0.010 min
Lab File: BN021469.D
Acq: 31 Aug 2022 00:26

Tgt Ion:248 Resp: 4550

Ion	Ratio	Lower	Upper
248	100		
250	94.9	81.8	122.6
141	76.6	38.5	57.7#



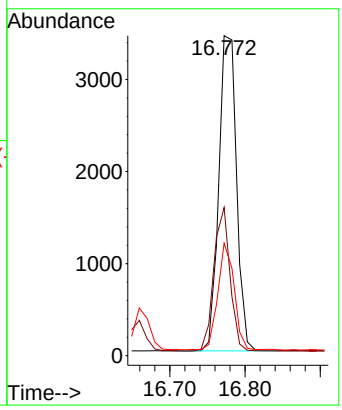


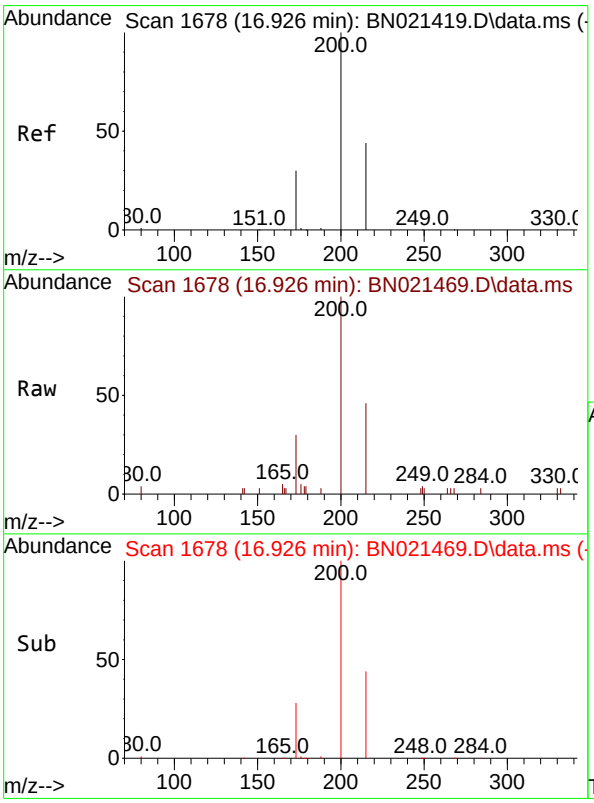
#22
Hexachlorobenzene
Concen: 0.375 ng
RT: 16.772 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN021469.D
Acq: 31 Aug 2022 00:26

Instrument :
BNA_N
ClientSampleId :
PB147233BS

Tgt Ion:284 Resp: 5612

Ion	Ratio	Lower	Upper
284	100		
142	41.5	32.3	48.5
249	31.0	25.4	38.2

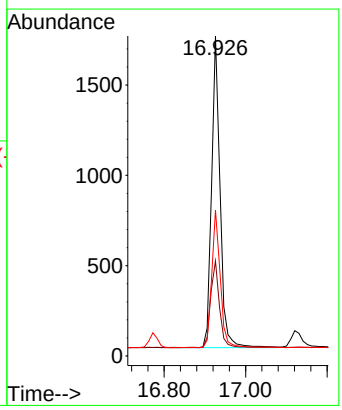


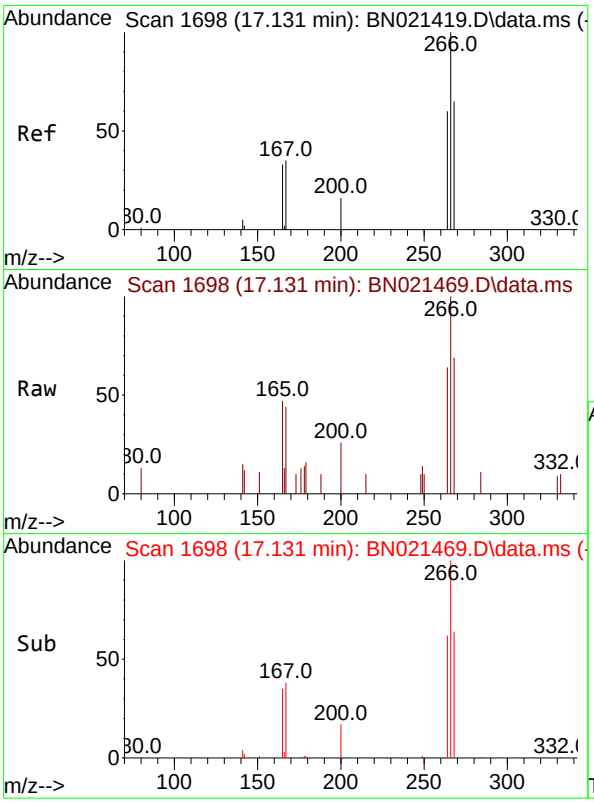


#23
Atrazine
Concen: 0.351 ng
RT: 16.926 min Scan# 1678
Delta R.T. -0.000 min
Lab File: BN021469.D
Acq: 31 Aug 2022 00:26

Tgt Ion:200 Resp: 2511

Ion	Ratio	Lower	Upper
200	100		
173	29.7	24.3	36.5
215	45.6	38.4	57.6



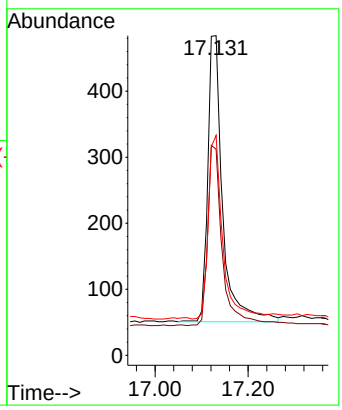


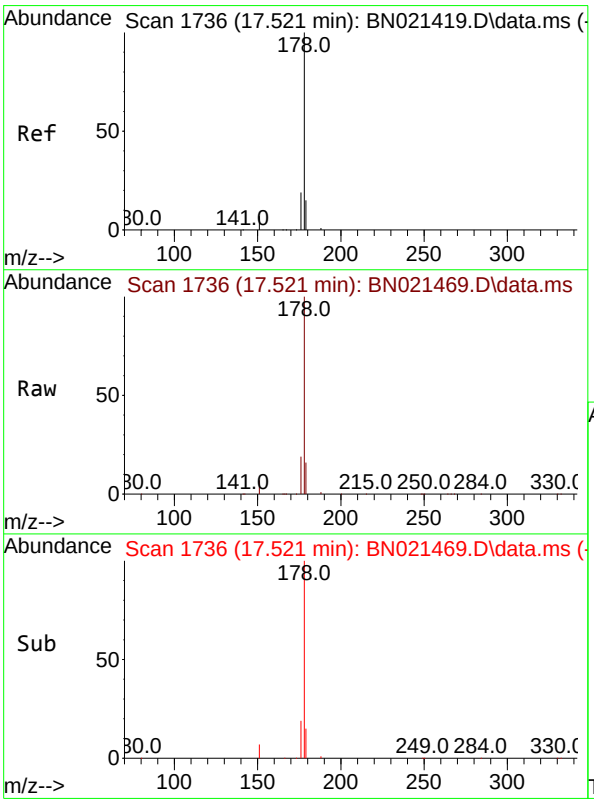
#24
Pentachlorophenol
Concen: 0.414 ng
RT: 17.131 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021469.D
Acq: 31 Aug 2022 00:26

Instrument :
BNA_N
ClientSampleId :
PB147233BS

Tgt Ion:266 Resp: 952

Ion	Ratio	Lower	Upper
266	100		
264	63.2	49.0	73.6
268	63.1	50.9	76.3

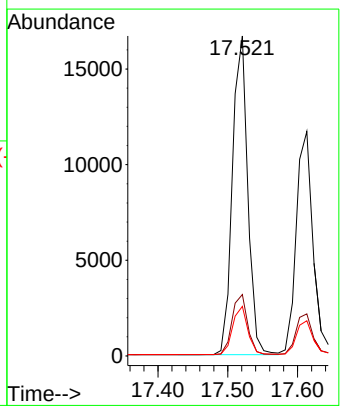


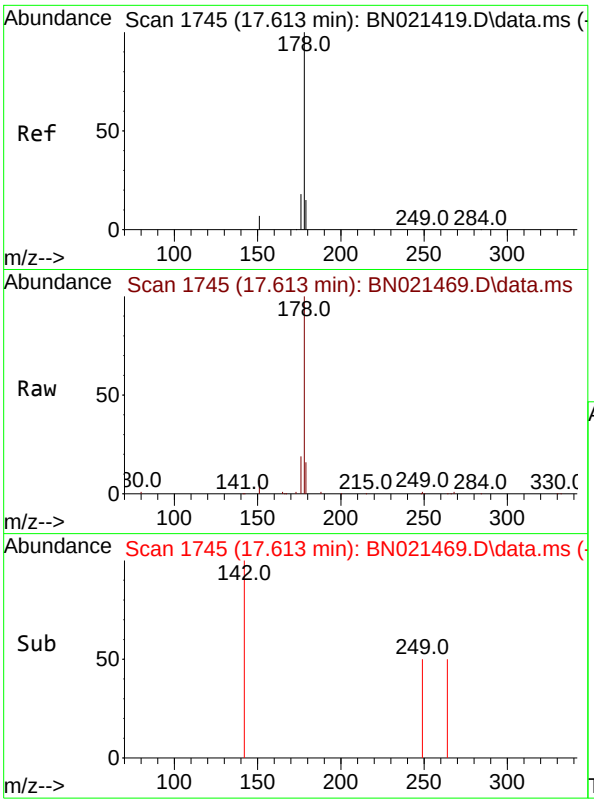


#25
Phenanthrene
Concen: 0.375 ng
RT: 17.521 min Scan# 1736
Delta R.T. -0.000 min
Lab File: BN021469.D
Acq: 31 Aug 2022 00:26

Tgt Ion:178 Resp: 25307

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.1	12.2	18.4



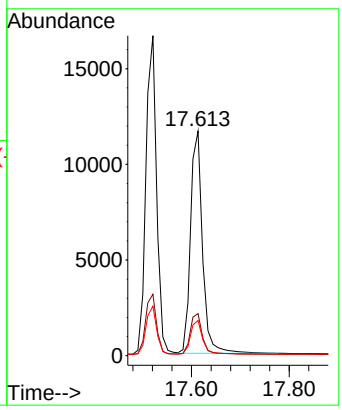


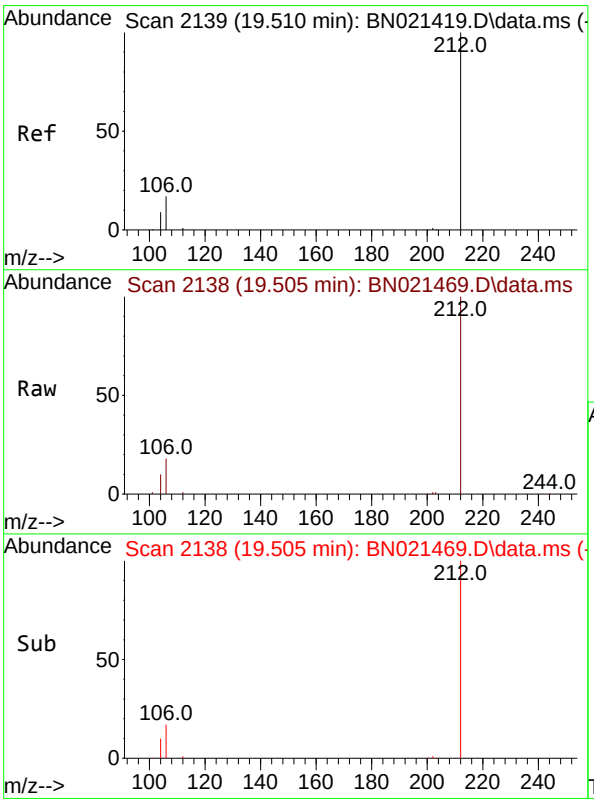
#26
Anthracene
Concen: 0.367 ng
RT: 17.613 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021469.D
Acq: 31 Aug 2022 00:26

Instrument :
BNA_N
ClientSampleId :
PB147233BS

Tgt Ion:178 Resp: 19714

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	22.0
179	15.1	12.2	18.2

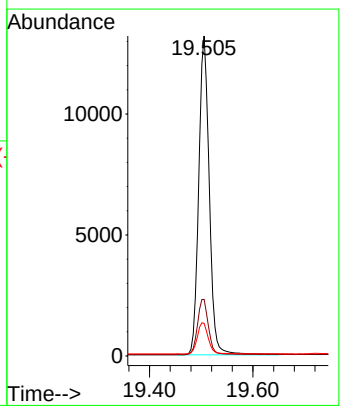


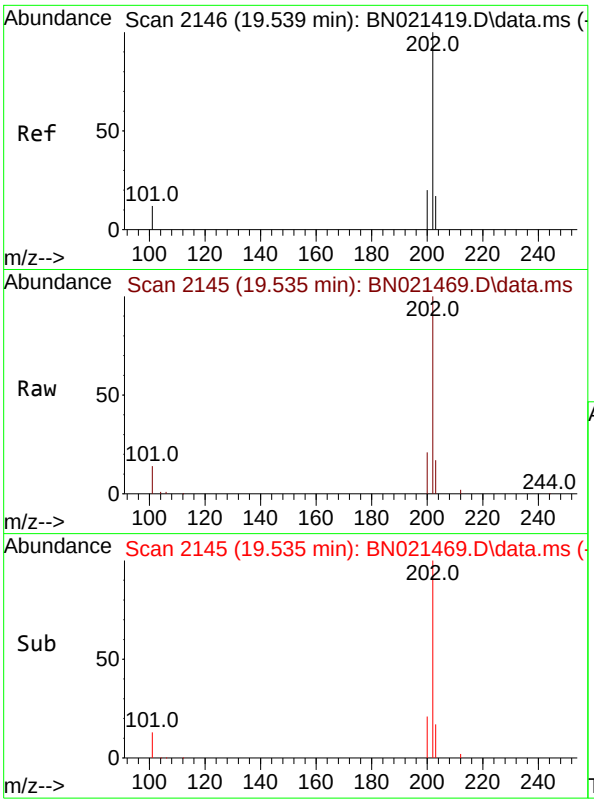


#27
Fluoranthene-d10
Concen: 0.369 ng
RT: 19.505 min Scan# 2138
Delta R.T. -0.004 min
Lab File: BN021469.D
Acq: 31 Aug 2022 00:26

Tgt Ion:212 Resp: 18567

Ion	Ratio	Lower	Upper
212	100		
106	18.0	14.2	21.2
104	10.0	7.8	11.6



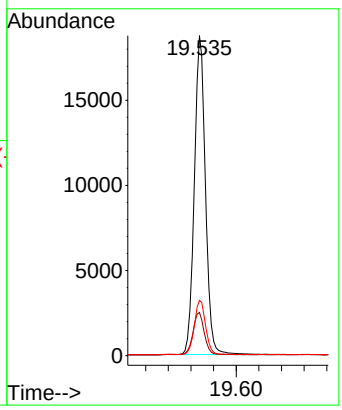


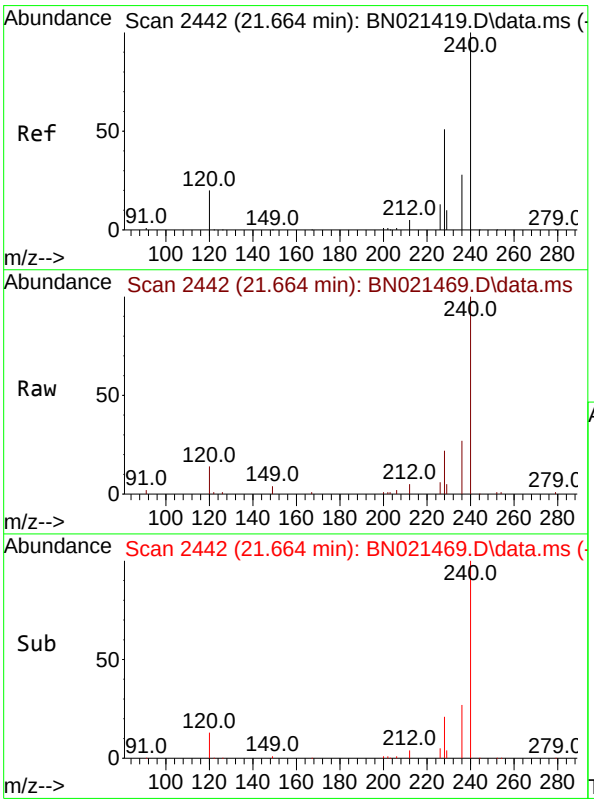
#28
Fluoranthene
Concen: 0.365 ng
RT: 19.535 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN021469.D
Acq: 31 Aug 2022 00:26

Instrument :
BNA_N
ClientSampleId :
PB147233BS

Tgt Ion:202 Resp: 25654

Ion	Ratio	Lower	Upper
202	100		
101	13.6	10.9	16.3
203	17.3	13.8	20.6

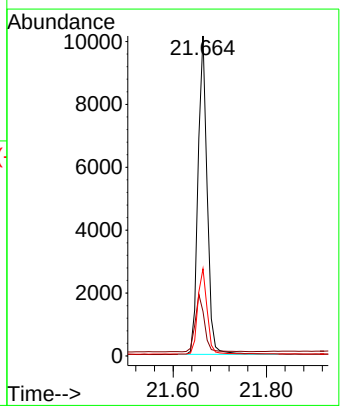


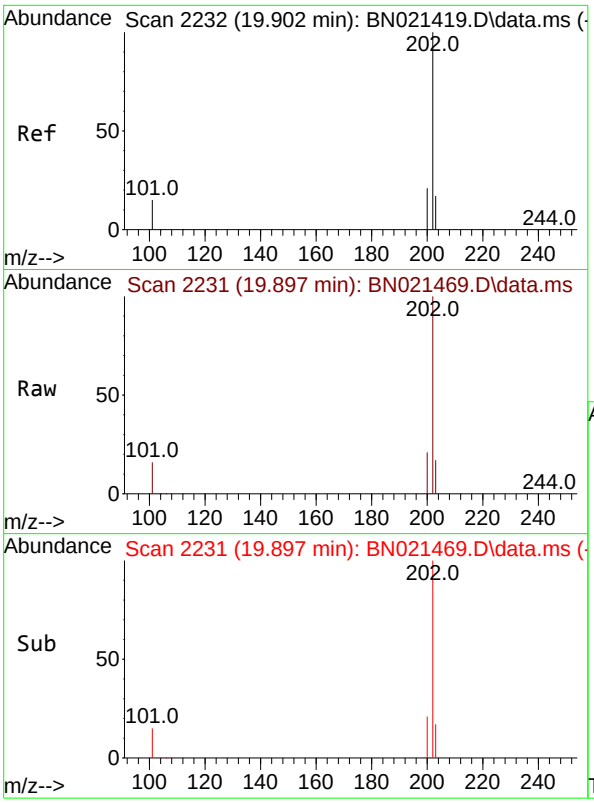


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.664 min Scan# 2442
Delta R.T. -0.000 min
Lab File: BN021469.D
Acq: 31 Aug 2022 00:26

Tgt Ion:240 Resp: 13825

Ion	Ratio	Lower	Upper
240	100		
120	13.9	10.2	15.4
236	27.2	22.1	33.1



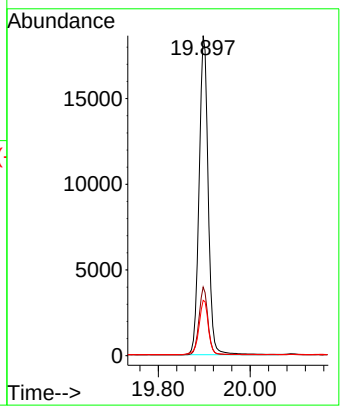


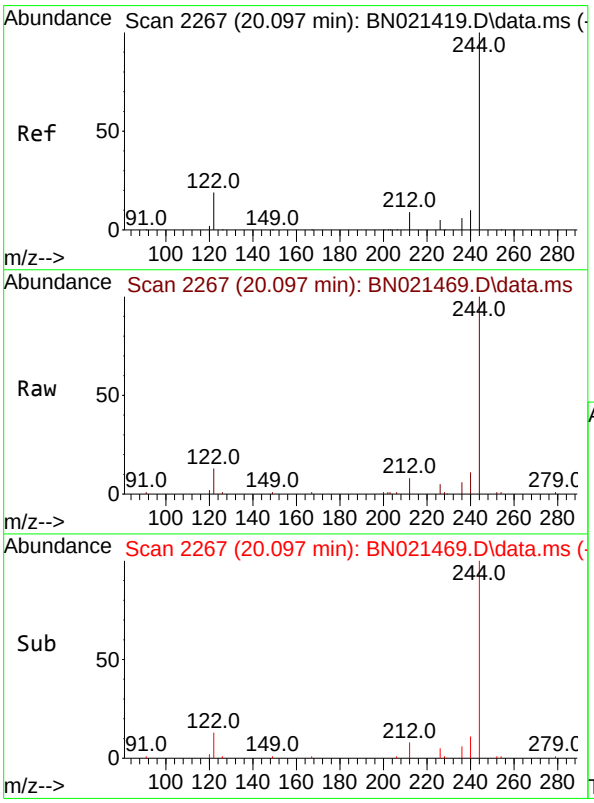
#30
Pyrene
Concen: 0.396 ng
RT: 19.897 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN021469.D
Acq: 31 Aug 2022 00:26

Instrument :
BNA_N
ClientSampleId :
PB147233BS

Tgt Ion:202 Resp: 29168

Ion	Ratio	Lower	Upper
202	100		
200	19.3	13.9	20.9
203	15.4	11.9	17.9

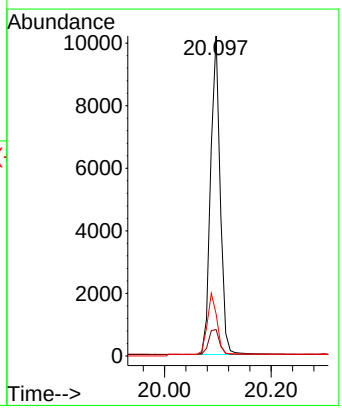


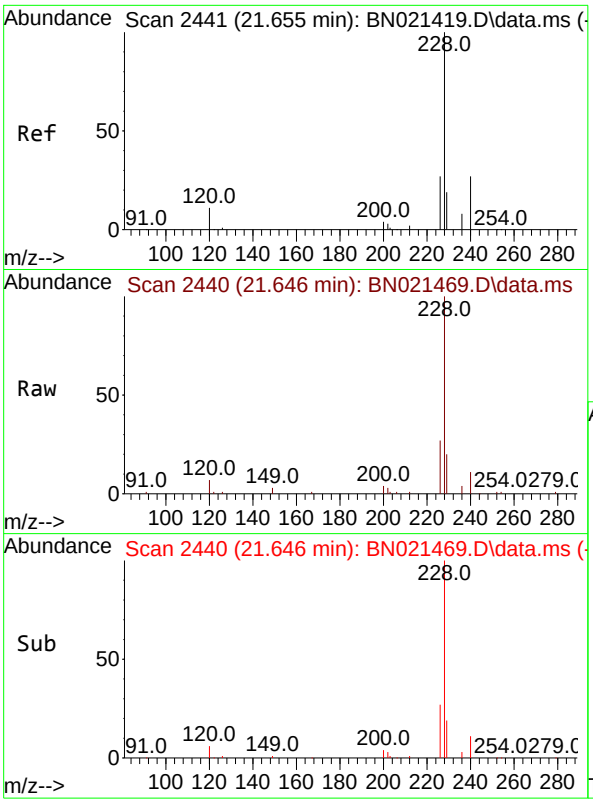


#31
Terphenyl-d14
Concen: 0.407 ng
RT: 20.097 min Scan# 2267
Delta R.T. -0.000 min
Lab File: BN021469.D
Acq: 31 Aug 2022 00:26

Tgt Ion:244 Resp: 12632

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	13.1	9.1	13.7



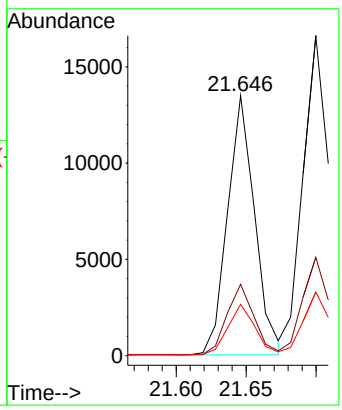


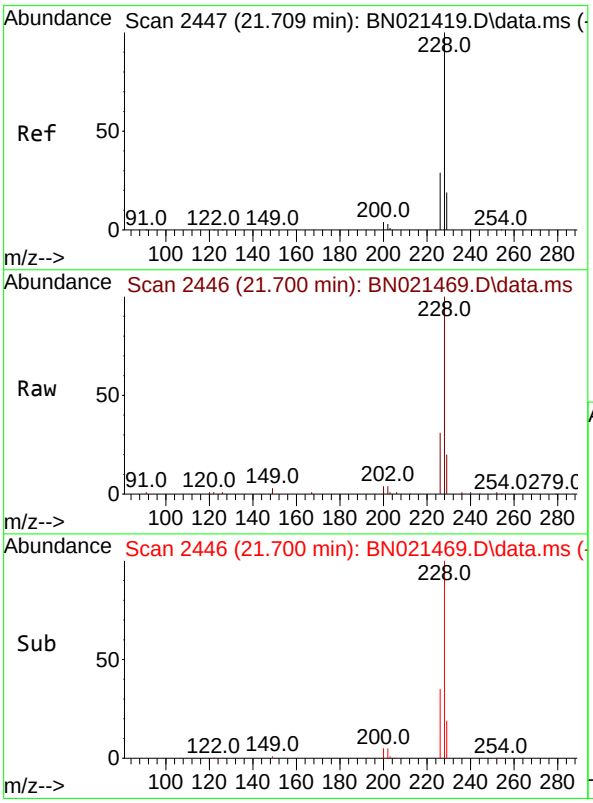
#32
Benzo(a)anthracene
Concen: 0.377 ng
RT: 21.646 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN021469.D
Acq: 31 Aug 2022 00:26

Instrument :
BNA_N
ClientSampleId :
PB147233BS

Tgt Ion:228 Resp: 18143

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.0	33.0
229	19.8	15.9	23.9

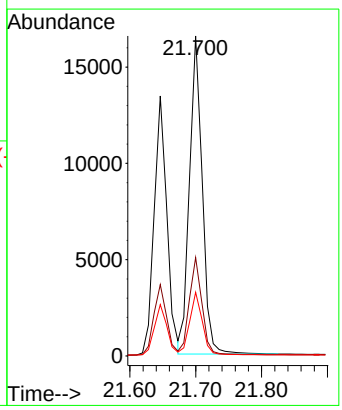


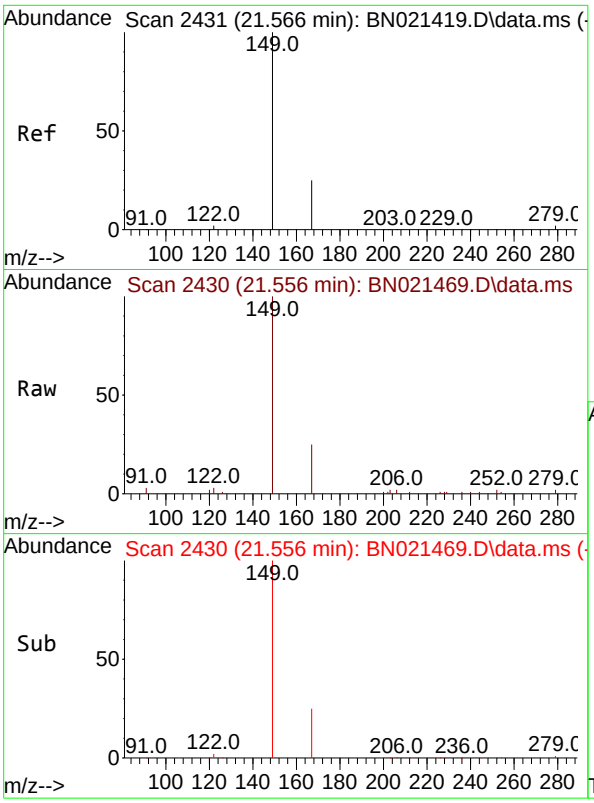


#33
Chrysene
Concen: 0.387 ng
RT: 21.700 min Scan# 2446
Delta R.T. -0.009 min
Lab File: BN021469.D
Acq: 31 Aug 2022 00:26

Tgt Ion:228 Resp: 22225

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.2	36.2
229	19.9	15.9	23.9



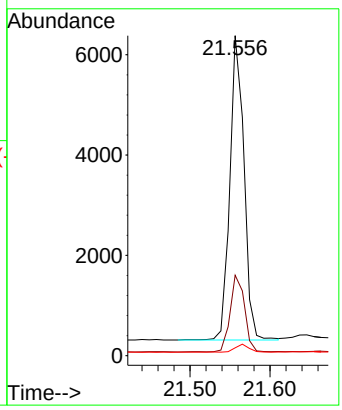


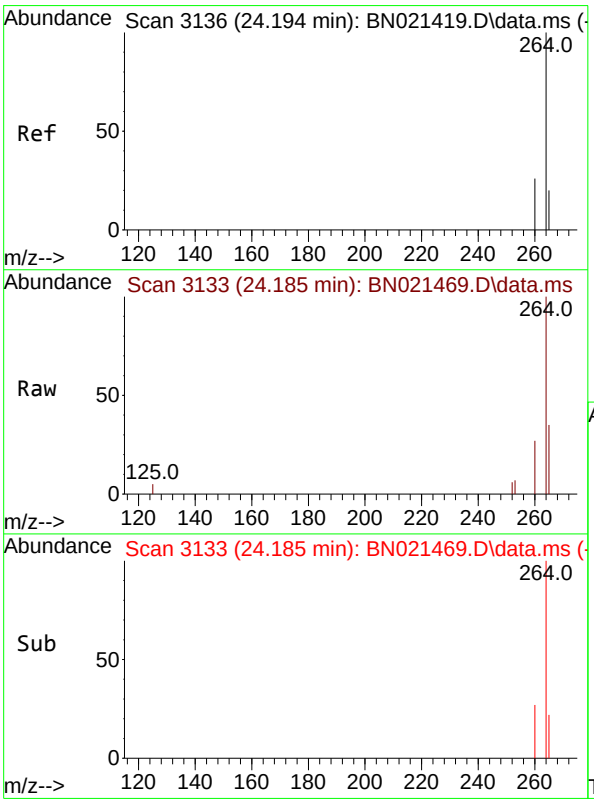
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.386 ng
RT: 21.556 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN021469.D
Acq: 31 Aug 2022 00:26

Instrument :
BNA_N
ClientSampleId :
PB147233BS

Tgt Ion:149 Resp: 7491

Ion	Ratio	Lower	Upper
149	100		
167	25.6	21.4	32.0
279	2.6	2.2	3.2

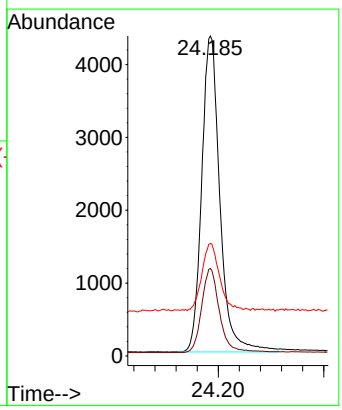


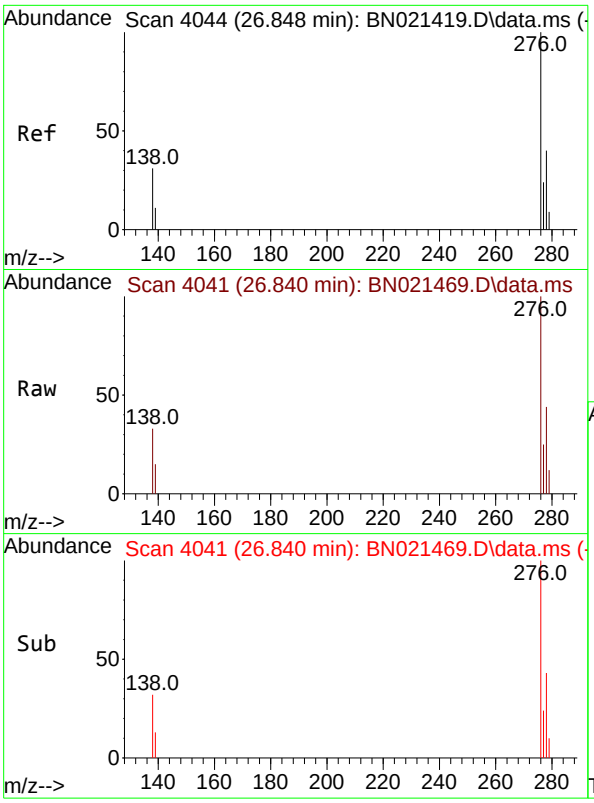


#35
Perylene-d12
Concen: 0.400 ng
RT: 24.185 min Scan# 3133
Delta R.T. -0.009 min
Lab File: BN021469.D
Acq: 31 Aug 2022 00:26

Tgt Ion:264 Resp: 10371

Ion	Ratio	Lower	Upper
264	100		
260	27.4	21.0	31.6
265	35.1	32.2	48.2



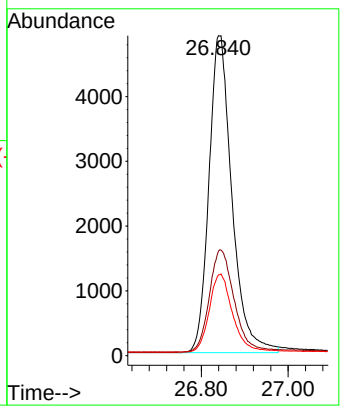


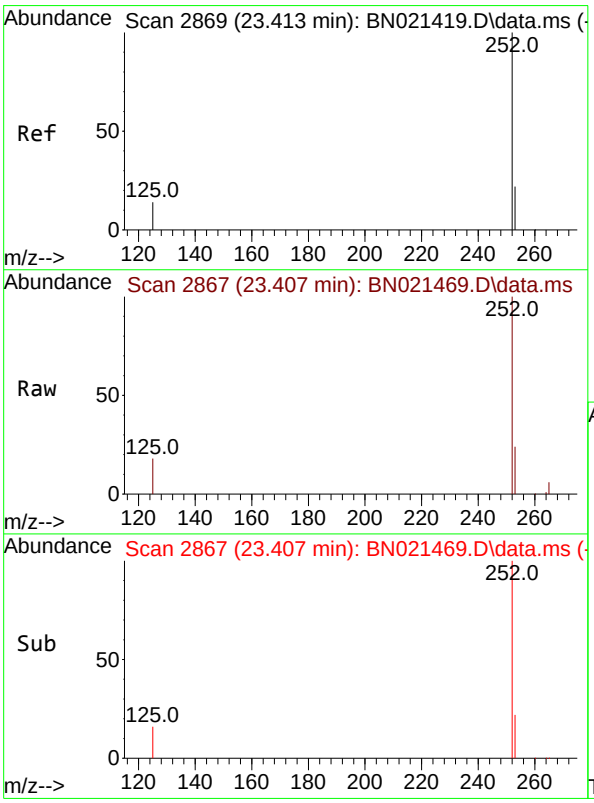
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.385 ng
RT: 26.840 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN021469.D
Acq: 31 Aug 2022 00:26

Instrument :
BNA_N
ClientSampleId :
PB147233BS

Tgt Ion:276 Resp: 18004

Ion	Ratio	Lower	Upper
276	100		
138	34.9	27.4	41.2
277	25.0	19.9	29.9

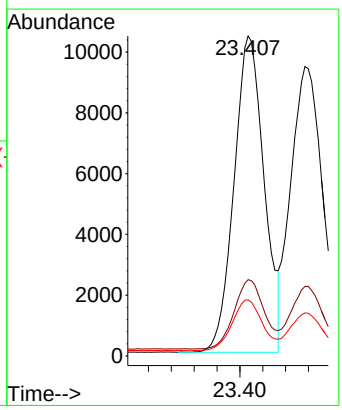


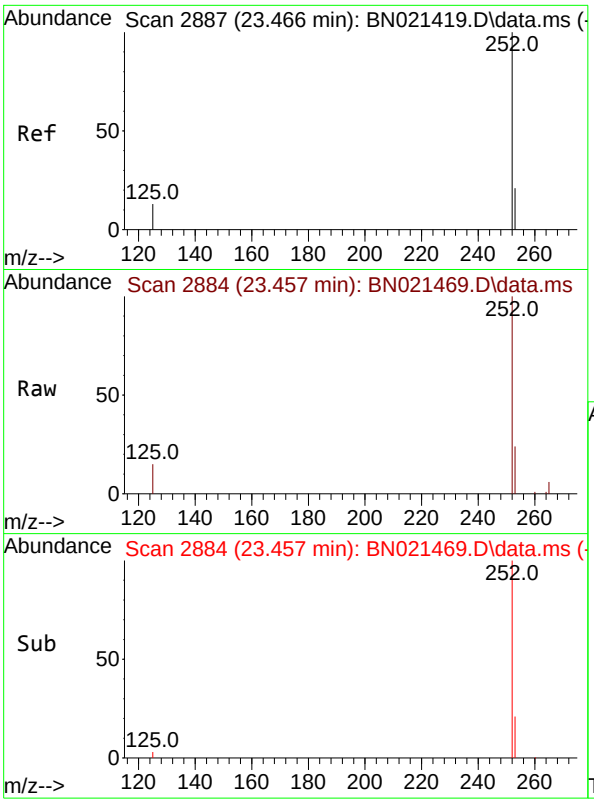


#37
Benzo(b)fluoranthene
Concen: 0.372 ng
RT: 23.407 min Scan# 2867
Delta R.T. -0.006 min
Lab File: BN021469.D
Acq: 31 Aug 2022 00:26

Tgt Ion:252 Resp: 19040

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.8	29.6
125	17.5	13.7	20.5



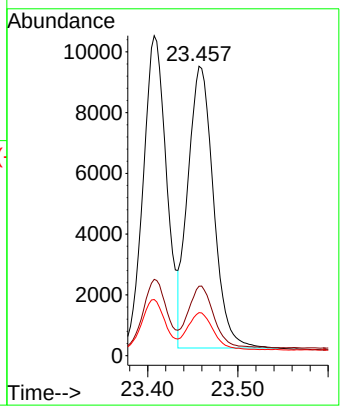


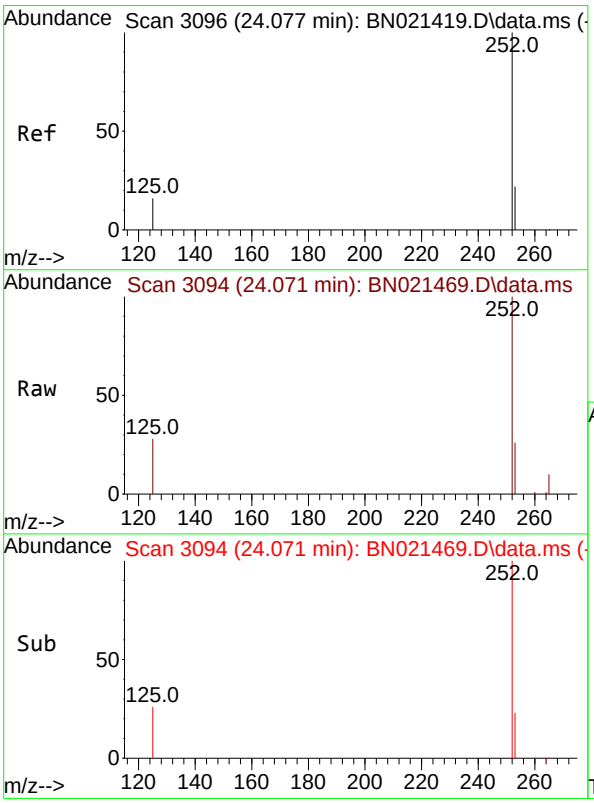
#38
Benzo(k)fluoranthene
Concen: 0.355 ng
RT: 23.457 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN021469.D
Acq: 31 Aug 2022 00:26

Instrument :
BNA_N
ClientSampleId :
PB147233BS

Tgt Ion:252 Resp: 18259

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.5	29.3
125	14.9	12.3	18.5

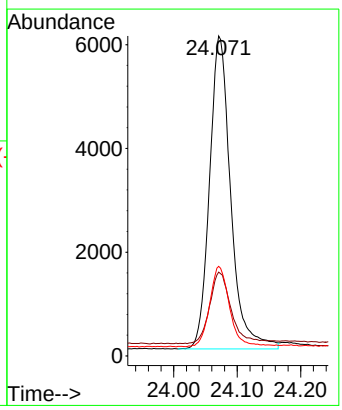


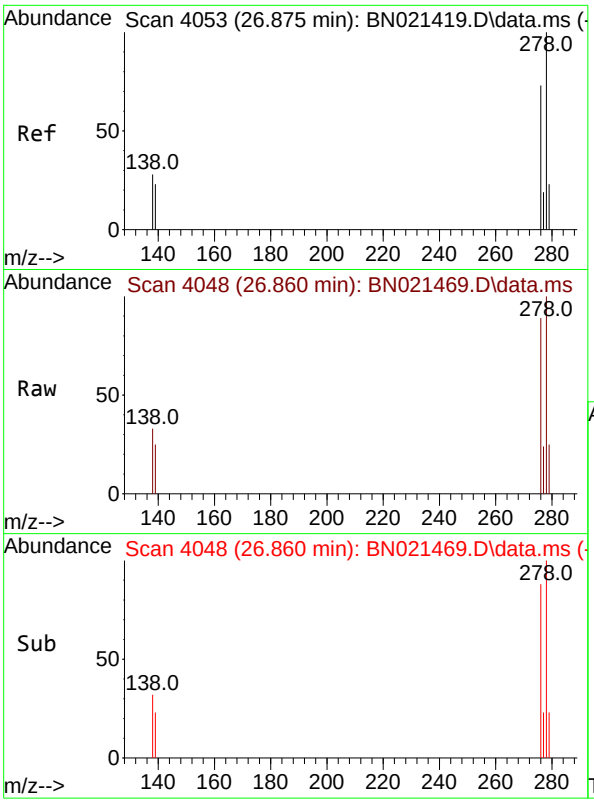


#39
Benzo(a)pyrene
Concen: 0.392 ng
RT: 24.071 min Scan# 3094
Delta R.T. -0.006 min
Lab File: BN021469.D
Acq: 31 Aug 2022 00:26

Tgt Ion:252 Resp: 13997

Ion	Ratio	Lower	Upper
252	100		
253	26.2	21.1	31.7
125	28.0	16.6	25.0#



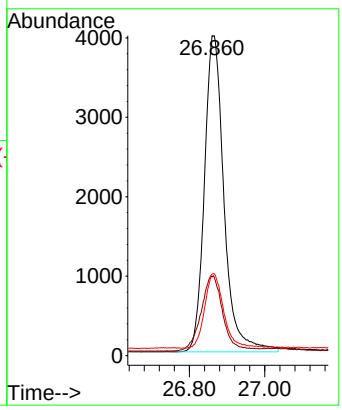


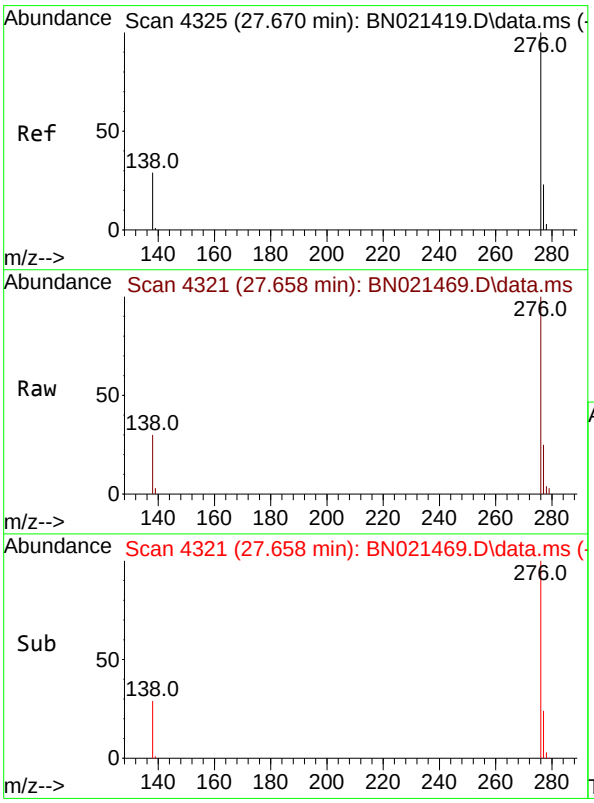
#40
Dibenzo(a,h)anthracene
Concen: 0.382 ng
RT: 26.860 min Scan# 4
Delta R.T. -0.015 min
Lab File: BN021469.D
Acq: 31 Aug 2022 00:26

Instrument :
BNA_N
ClientSampleId :
PB147233BS

Tgt Ion:278 Resp: 14394

Ion	Ratio	Lower	Upper
278	100		
139	24.6	21.8	32.6
279	25.5	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: BN021469.D
Acq: 31 Aug 2022 00:26

Tgt Ion:276 Resp: 14255

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.7	29.5
138	29.9	23.7	35.5