Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090222\
Data File : BN021572.D
Acq On : 02 Sep 2022 21:43
Operator : CG/JU
Sample : PB147332BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB147332BSD

Quant Time: Sep 03 03:10:25 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 00:53:31 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	5487	0.400	ng	0.00
7) Naphthalene-d8	10.898	136	17427	0.400	ng	0.00
13) Acenaphthene-d10	14.718	164	10243	0.400	ng	0.00
19) Phenanthrene-d10	17.470	188	22089	0.400	ng	0.00
29) Chrysene-d12	21.655	240	13906	0.400	ng	# 0.00
35) Perylene-d12	24.176	264	9526	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.592	112	4807	0.448	ng	0.00
5) Phenol-d6	7.217	99	6034	0.441	ng	0.00
8) Nitrobenzene-d5	9.243	82	4794	0.407	ng	0.00
11) 2-Methylnaphthalene-d10	12.486	152	17991	0.458	ng	0.00
14) 2,4,6-Tribromophenol	16.208	330	1249	0.371	ng	-0.01
15) 2-Fluorobiphenyl	13.349	172	17398	0.389	ng	0.00
27) Fluoranthene-d10	19.497	212	19206	0.338	ng	0.00
31) Terphenyl-d14	20.088	244	12736	0.408	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.403	88	2842	0.414	ng	# 88
3) n-Nitrosodimethylamine	3.743	42	2708	0.438	ng	# 92
6) bis(2-Chloroethyl)ether	7.484	93	7192	0.418	ng	97
9) Naphthalene	10.952	128	21081	0.408	ng	99
10) Hexachlorobutadiene	11.229	225	3625	0.406	ng	# 99
12) 2-Methylnaphthalene	12.183	142	3004	0.476	ng	# 94
16) Acenaphthylene	14.440	152	18129	0.377	ng	100
17) Acenaphthene	14.782	154	13240	0.391	ng	99
18) Fluorene	15.765	166	16238	0.389	ng	100
21) 4-Bromophenyl-phenylether	16.659	248	4964	0.359	ng	99
22) Hexachlorobenzene	16.772	284	6142	0.363	ng	98
23) Atrazine	16.916	200	2775	0.344	ng	96
24) Pentachlorophenol	17.121	266	1048	0.409	ng	100
25) Phenanthrene	17.511	178	27477	0.360	ng	100
26) Anthracene	17.603	178	21479	0.355	ng	99
28) Fluoranthene	19.527	202	26756	0.338	ng	100
30) Pyrene	19.893	202	29164	0.394	ng	97
32) Benzo(a)anthracene	21.637	228	17490	0.361	ng	99
33) Chrysene	21.700	228	20225	0.351	ng	99
34) Bis(2-ethylhexyl)phtha...	21.557	149	7619	0.390	ng	98
36) Indeno(1,2,3-cd)pyrene	26.825	276	16201	0.377	ng	99
37) Benzo(b)fluoranthene	23.401	252	16288	0.347	ng	98
38) Benzo(k)fluoranthene	23.448	252	15936	0.337	ng	99
39) Benzo(a)pyrene	24.062	252	12116	0.370	ng	97
40) Dibenzo(a,h)anthracene	26.848	278	12792	0.369	ng	97
41) Benzo(g,h,i)perylene	27.641	276	13493	0.355	ng	99

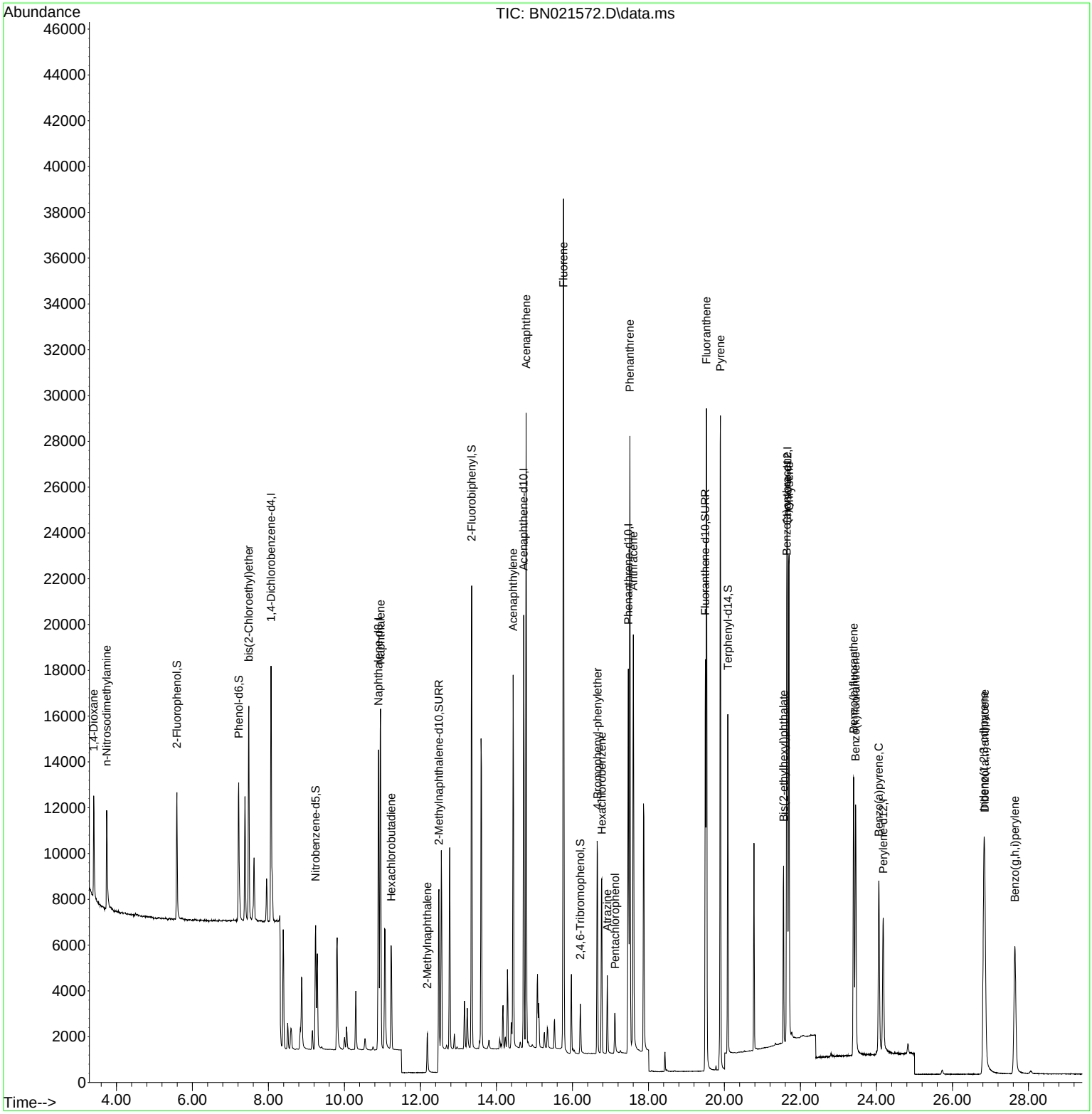
(#) = qualifier out of range (m) = manual integration (+) = signals summed

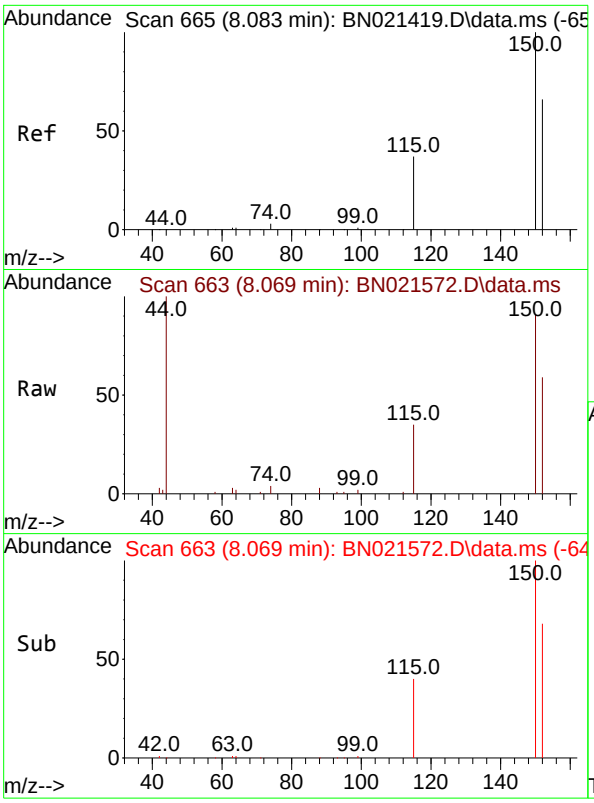
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090222\
Data File : BN021572.D
Acq On : 02 Sep 2022 21:43
Operator : CG/JU
Sample : PB147332BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB147332BSD

Quant Time: Sep 03 03:10:25 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 00:53:31 2022
Response via : Initial Calibration



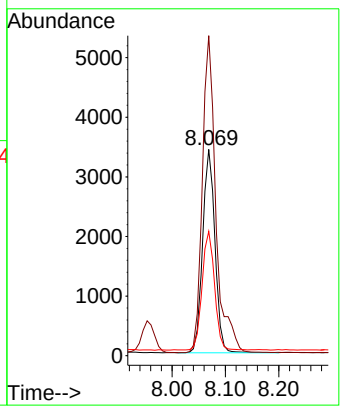


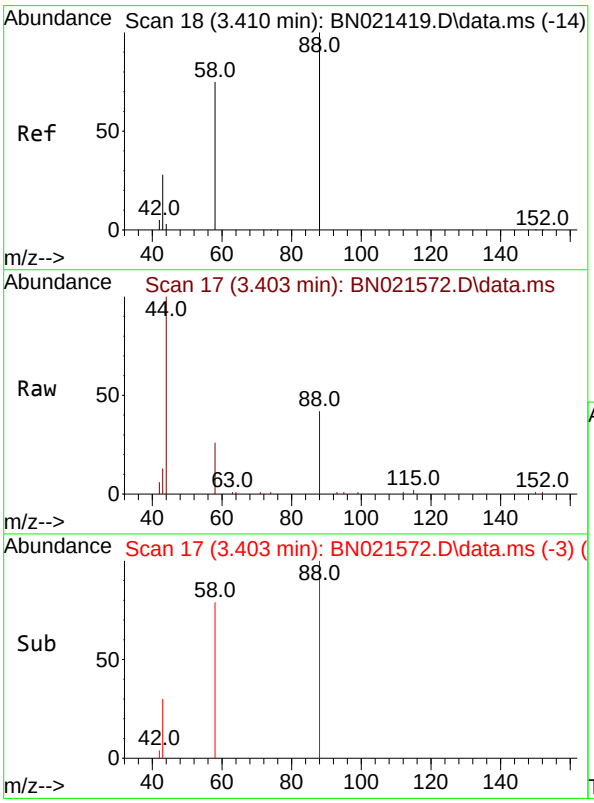
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.069 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN021572.D
Acq: 02 Sep 2022 21:43

Instrument :
BNA_N
ClientSampleId :
PB147332BSD

Tgt Ion:152 Resp: 5487

Ion	Ratio	Lower	Upper
152	100		
150	155.2	121.4	182.0
115	60.3	48.6	72.8

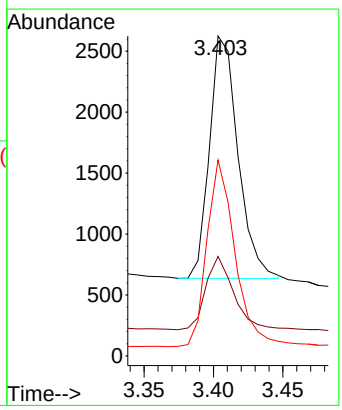


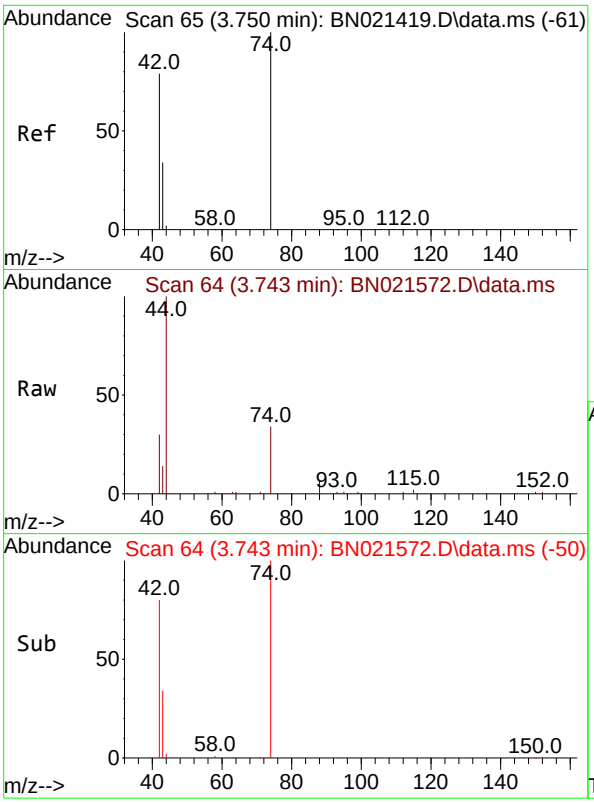


#2
1,4-Dioxane
Concen: 0.414 ng
RT: 3.403 min Scan# 17
Delta R.T. 0.000 min
Lab File: BN021572.D
Acq: 02 Sep 2022 21:43

Tgt Ion: 88 Resp: 2842

Ion	Ratio	Lower	Upper
88	100		
43	29.5	35.8	53.8#
58	75.6	57.1	85.7



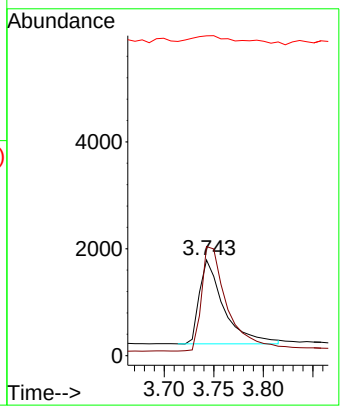


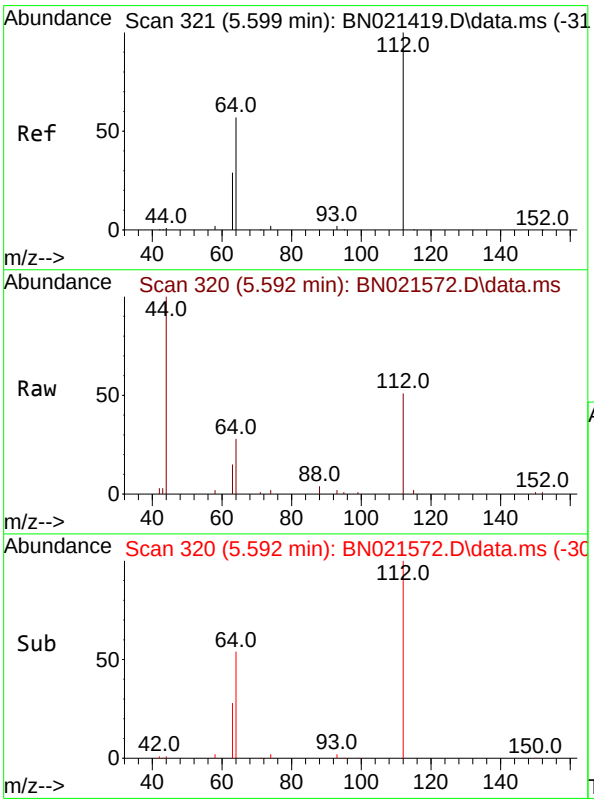
#3
n-Nitrosodimethylamine
Concen: 0.438 ng
RT: 3.743 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN021572.D
Acq: 02 Sep 2022 21:43

Instrument :
BNA_N
ClientSampleId :
PB147332BSD

Tgt Ion: 42 Resp: 2708

Ion	Ratio	Lower	Upper
42	100		
74	131.5	113.0	169.6
44	9.6	10.5	15.7#

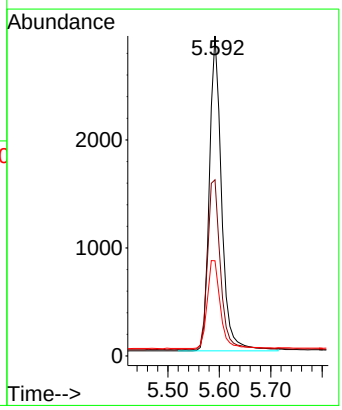


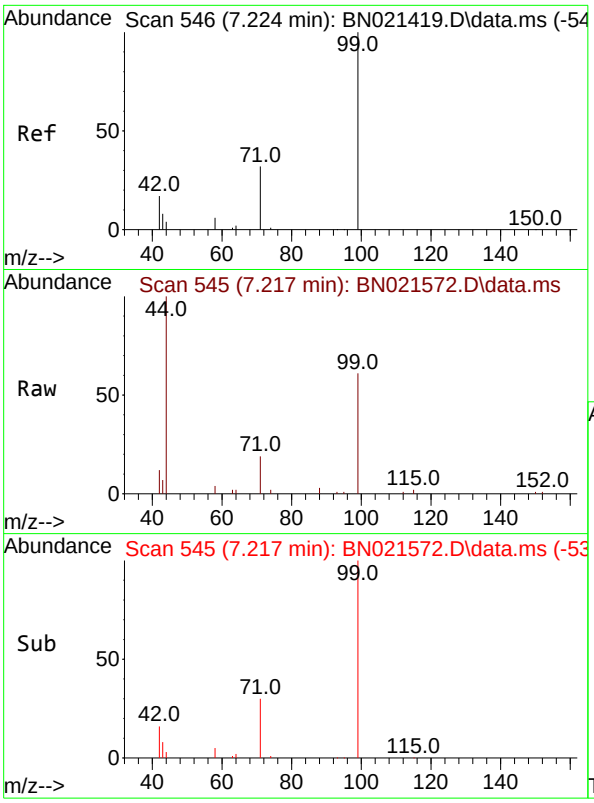


#4
2-Fluorophenol
Concen: 0.448 ng
RT: 5.592 min Scan# 320
Delta R.T. 0.000 min
Lab File: BN021572.D
Acq: 02 Sep 2022 21:43

Tgt Ion:112 Resp: 4807

Ion	Ratio	Lower	Upper
112	100		
64	57.6	43.5	65.3
63	30.0	22.6	34.0



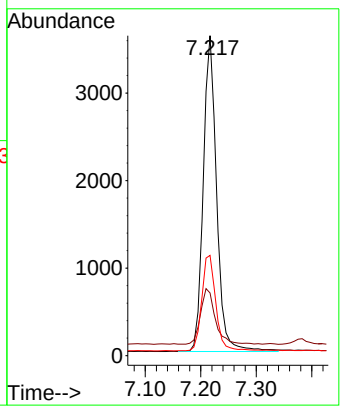


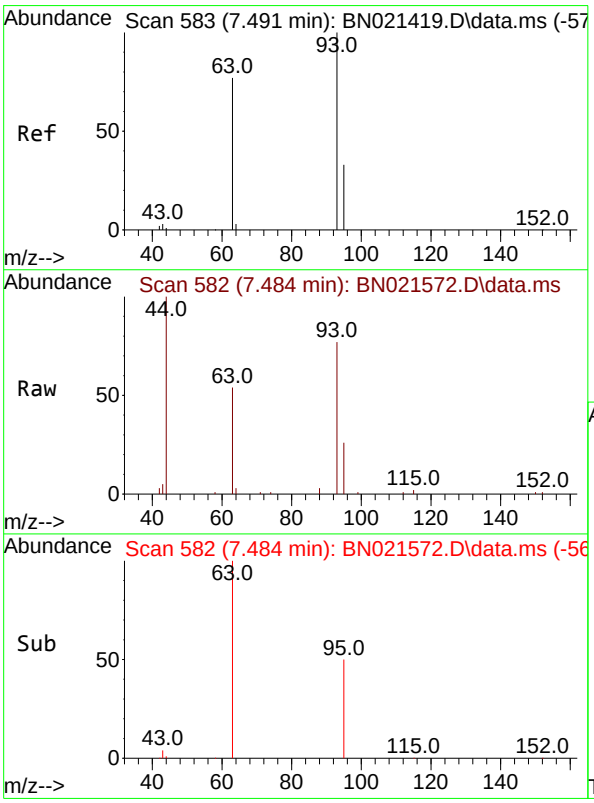
#5
Phenol-d6
Concen: 0.441 ng
RT: 7.217 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN021572.D
Acq: 02 Sep 2022 21:43

Instrument :
BNA_N
ClientSampleId :
PB147332BSD

Tgt Ion: 99 Resp: 6034

Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.5	23.3
71	32.0	24.2	36.2

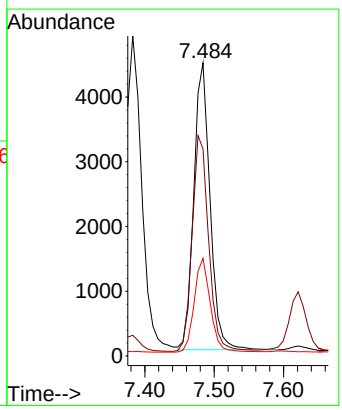


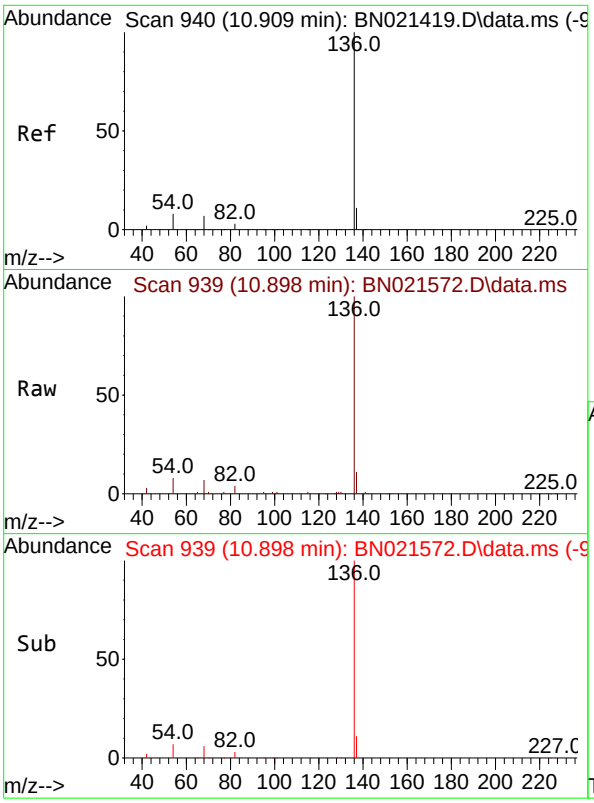


#6
bis(2-Chloroethyl)ether
Concen: 0.418 ng
RT: 7.484 min Scan# 582
Delta R.T. 0.000 min
Lab File: BN021572.D
Acq: 02 Sep 2022 21:43

Tgt Ion: 93 Resp: 7192

Ion	Ratio	Lower	Upper
93	100		
63	76.3	57.8	86.8
95	32.4	25.9	38.9



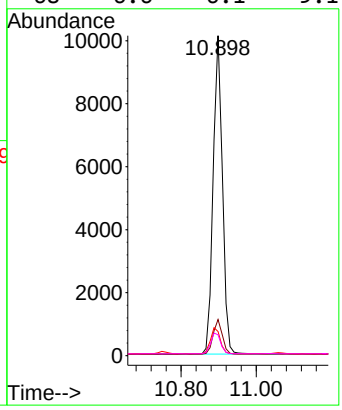


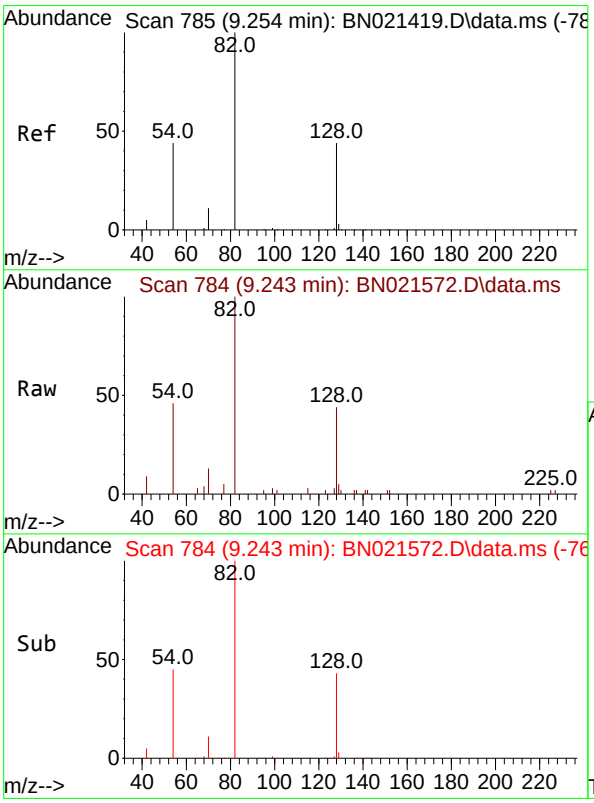
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.898 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN021572.D
Acq: 02 Sep 2022 21:43

Instrument :
BNA_N
ClientSampleId :
PB147332BSD

Tgt Ion:136 Resp: 17427

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	7.5	6.9	10.3
68	6.6	6.1	9.1

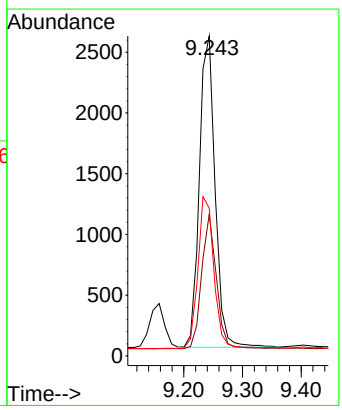


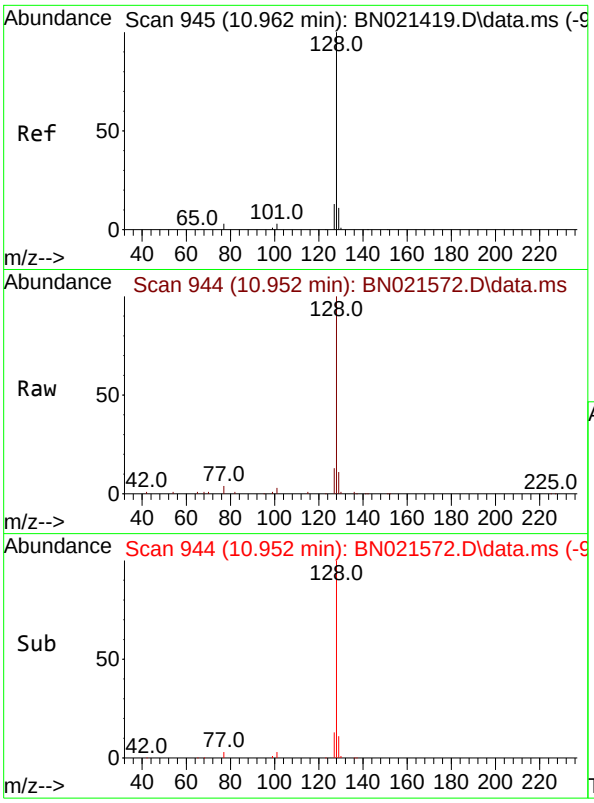


#8
Nitrobenzene-d5
Concen: 0.407 ng
RT: 9.243 min Scan# 784
Delta R.T. 0.000 min
Lab File: BN021572.D
Acq: 02 Sep 2022 21:43

Tgt Ion: 82 Resp: 4794

Ion	Ratio	Lower	Upper
82	100		
128	44.3	30.9	46.3
54	46.2	42.7	64.1



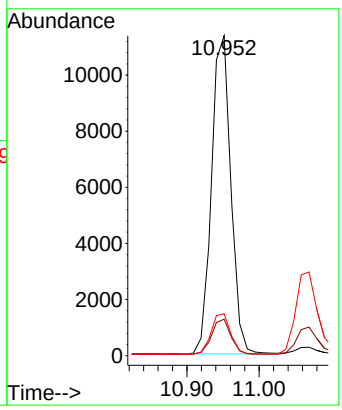


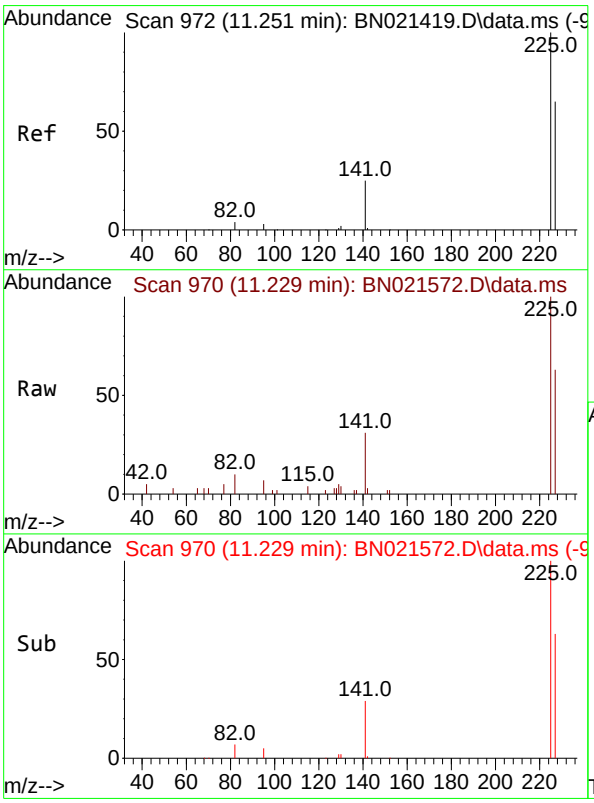
#9
Naphthalene
Concen: 0.408 ng
RT: 10.952 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN021572.D
Acq: 02 Sep 2022 21:43

Instrument :
BNA_N
ClientSampleId :
PB147332BSD

Tgt Ion:128 Resp: 21081

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.3	13.9
127	13.1	11.0	16.4

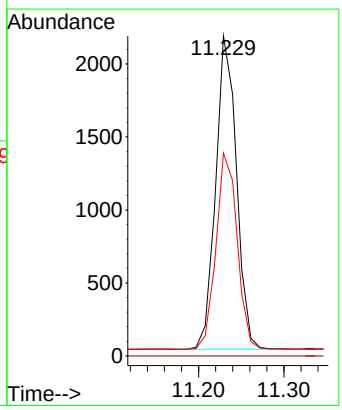


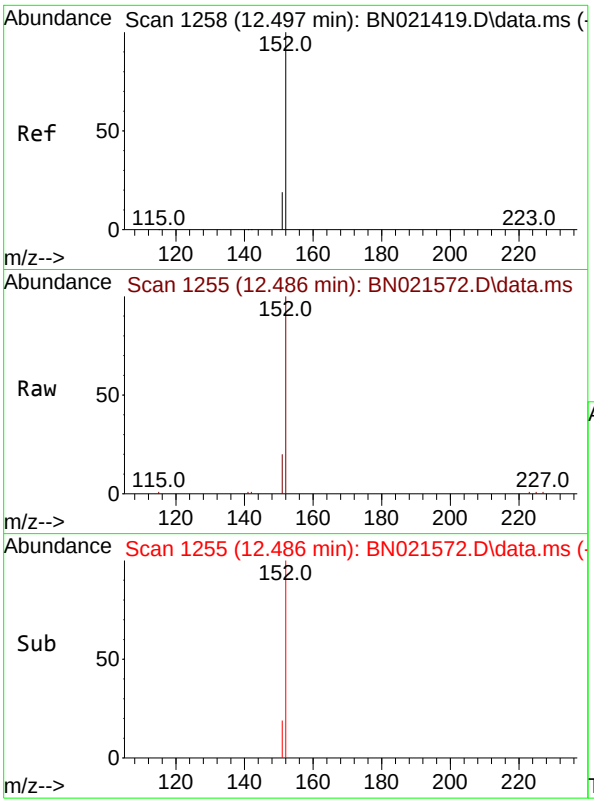


#10
Hexachlorobutadiene
Concen: 0.406 ng
RT: 11.229 min Scan# 970
Delta R.T. -0.011 min
Lab File: BN021572.D
Acq: 02 Sep 2022 21:43

Tgt Ion:225 Resp: 3625

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



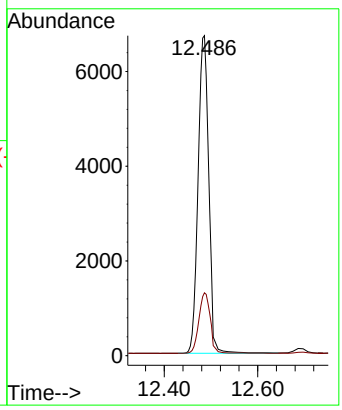


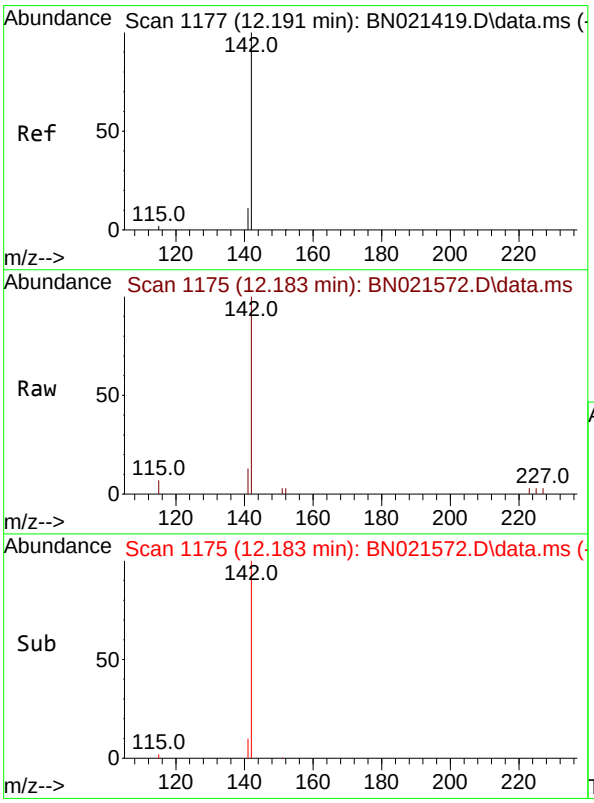
#11
2-Methylnaphthalene-d10
Concen: 0.458 ng
RT: 12.486 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021572.D
Acq: 02 Sep 2022 21:43

Instrument :
BNA_N
ClientSampleId :
PB147332BSD

Tgt Ion:152 Resp: 17991

Ion	Ratio	Lower	Upper
152	100		
151	19.9	14.5	21.7

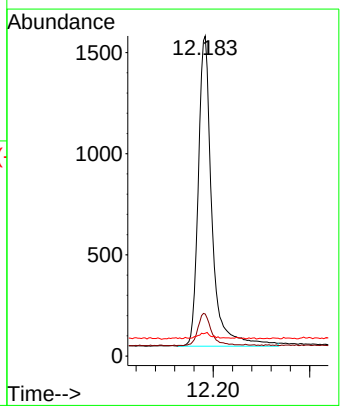


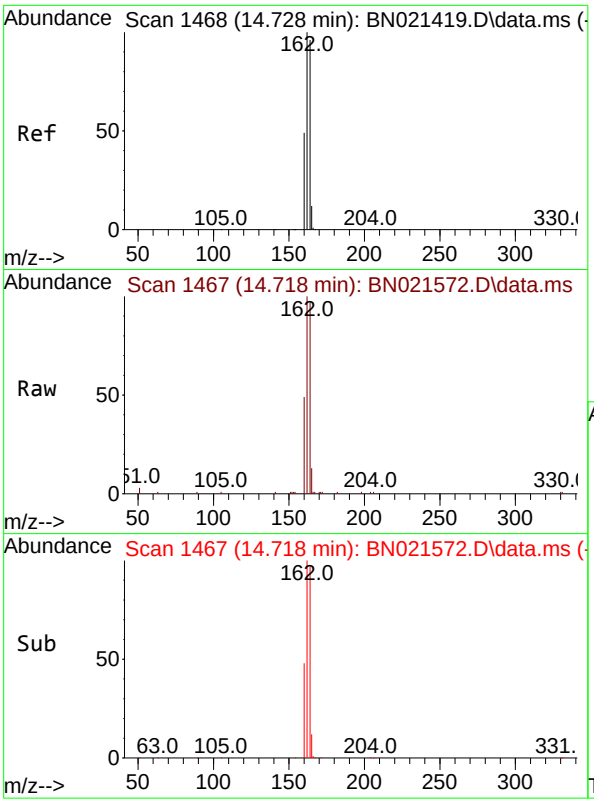


#12
2-Methylnaphthalene
Concen: 0.476 ng
RT: 12.183 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BN021572.D
Acq: 02 Sep 2022 21:43

Tgt Ion:142 Resp: 3004

Ion	Ratio	Lower	Upper
142	100		
141	13.1	12.2	18.2
115	7.1	7.9	11.9#



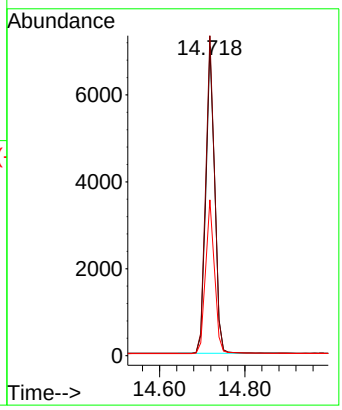


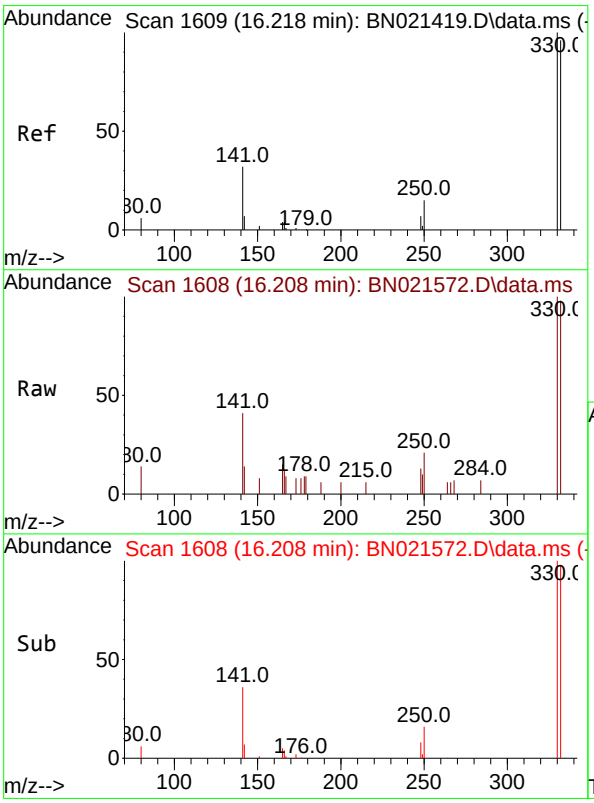
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.718 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN021572.D
Acq: 02 Sep 2022 21:43

Instrument :
BNA_N
ClientSampleId :
PB147332BSD

Tgt Ion:164 Resp: 10243

Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.2	123.4
160	50.4	39.5	59.3

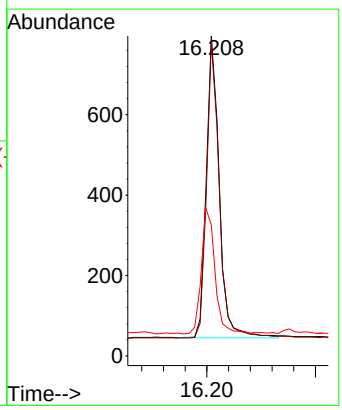


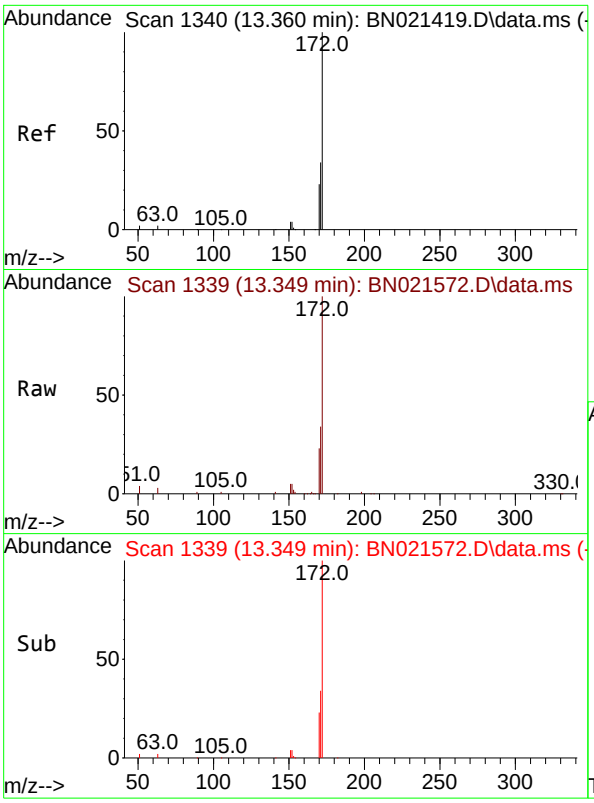


#14
2,4,6-Tribromophenol
Concen: 0.371 ng
RT: 16.208 min Scan# 1608
Delta R.T. -0.010 min
Lab File: BN021572.D
Acq: 02 Sep 2022 21:43

Tgt Ion:330 Resp: 1249

Ion	Ratio	Lower	Upper
330	100		
332	95.1	79.3	118.9
141	43.6	37.1	55.7



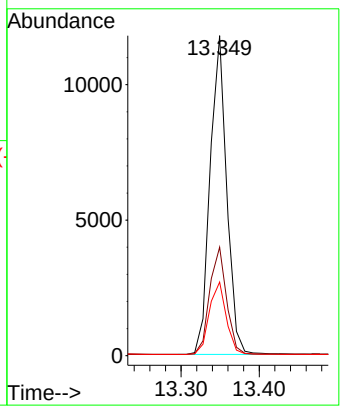


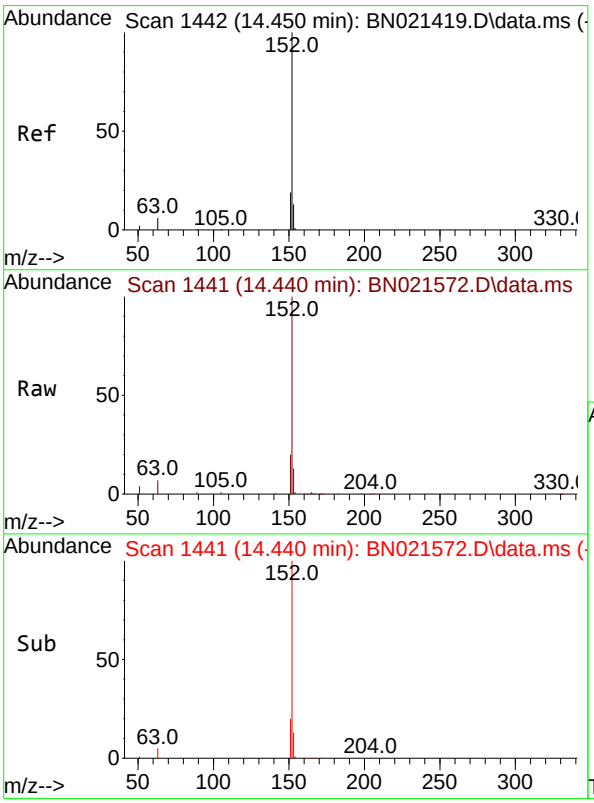
#15
2-Fluorobiphenyl
Concen: 0.389 ng
RT: 13.349 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021572.D
Acq: 02 Sep 2022 21:43

Instrument :
BNA_N
ClientSampleId :
PB147332BSD

Tgt Ion:172 Resp: 17398

Ion	Ratio	Lower	Upper
172	100		
171	33.9	27.8	41.6
170	23.0	18.6	28.0

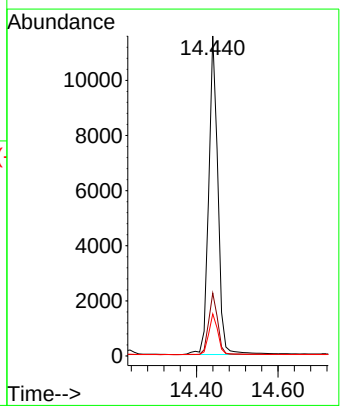


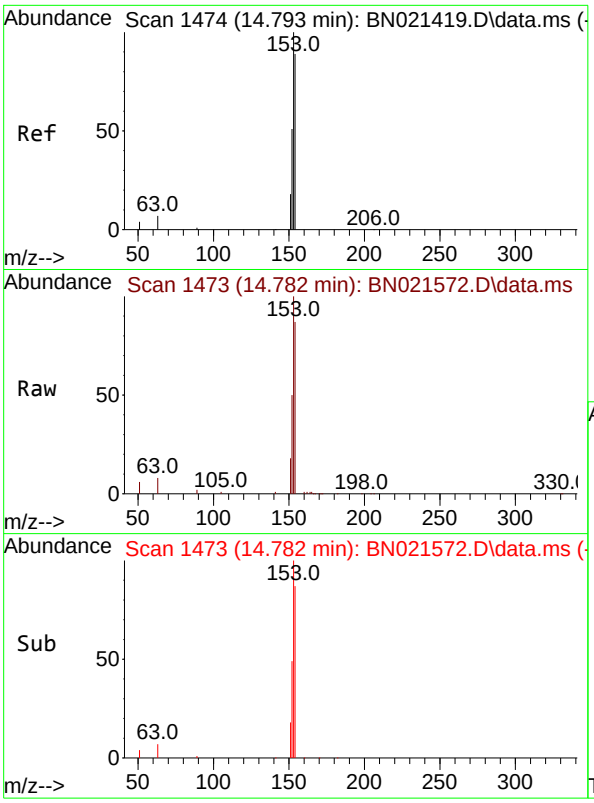


#16
Acenaphthylene
Concen: 0.377 ng
RT: 14.440 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BN021572.D
Acq: 02 Sep 2022 21:43

Tgt Ion:152 Resp: 18129

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.2
153	12.9	10.3	15.5



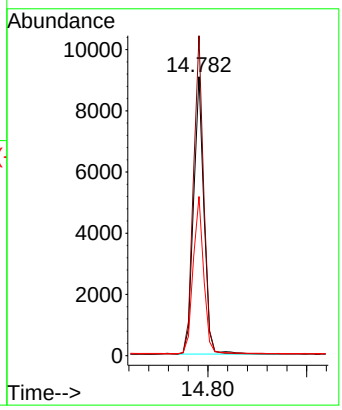


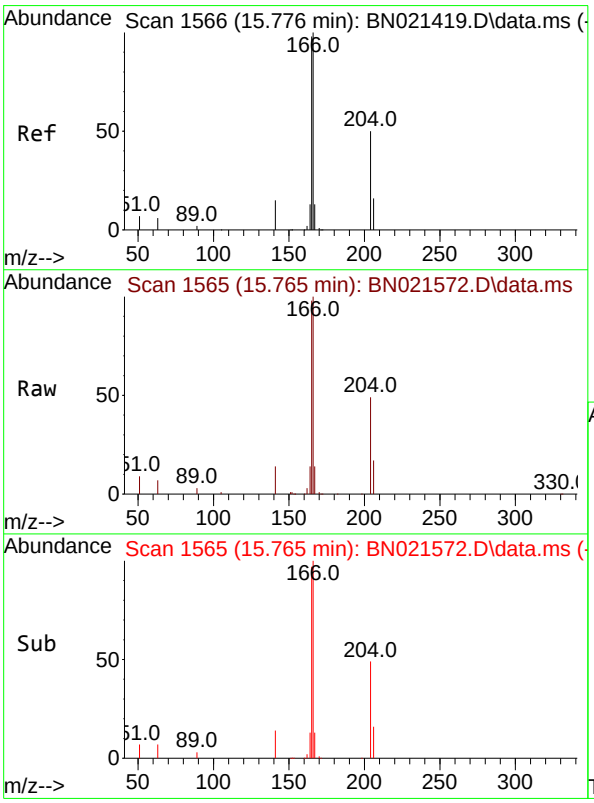
#17
Acenaphthene
Concen: 0.391 ng
RT: 14.782 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN021572.D
Acq: 02 Sep 2022 21:43

Instrument :
BNA_N
ClientSampleId :
PB147332BSD

Tgt Ion:154 Resp: 13240

Ion	Ratio	Lower	Upper
154	100		
153	113.4	89.5	134.3
152	57.5	45.5	68.3

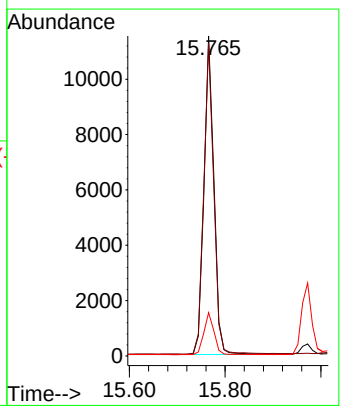


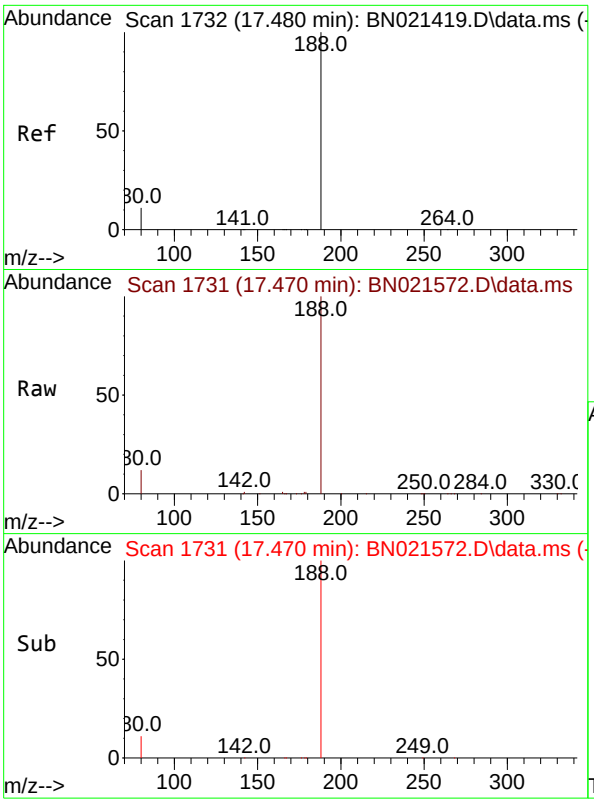


#18
Fluorene
Concen: 0.389 ng
RT: 15.765 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BN021572.D
Acq: 02 Sep 2022 21:43

Tgt Ion:166 Resp: 16238

Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.7	118.1
167	13.6	10.6	16.0



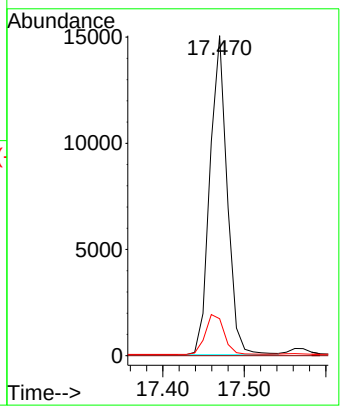


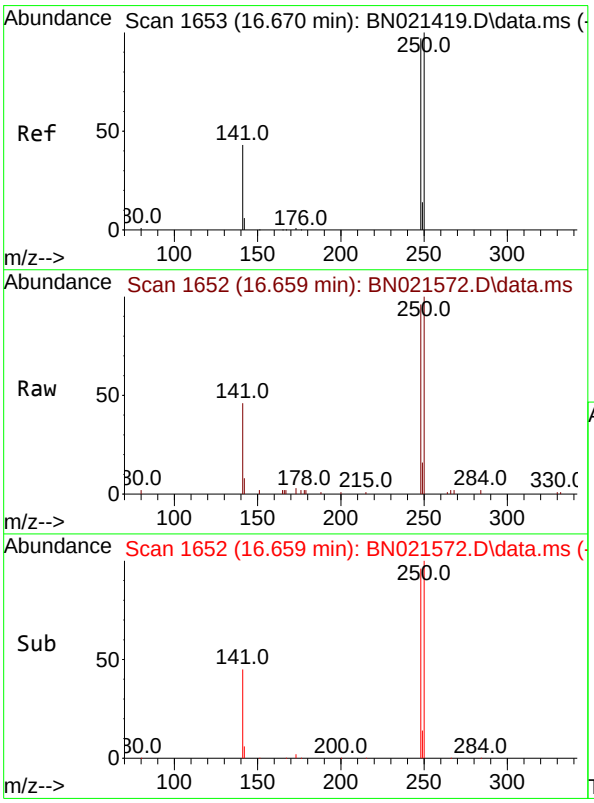
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.470 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021572.D
Acq: 02 Sep 2022 21:43

Instrument :
BNA_N
ClientSampleId :
PB147332BSD

Tgt Ion:188 Resp: 22089

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.6	9.5	14.3

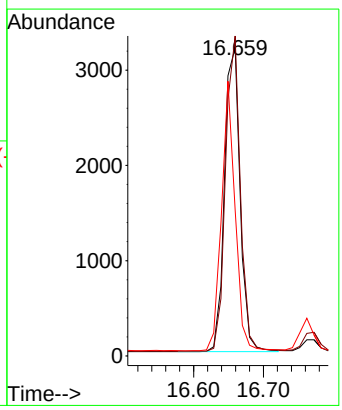


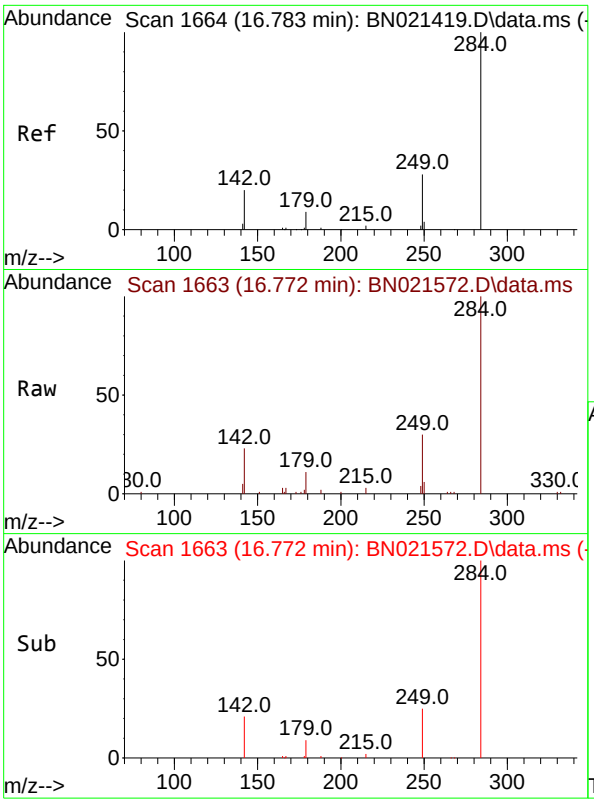


#21
4-Bromophenyl-phenylether
Concen: 0.359 ng
RT: 16.659 min Scan# 1652
Delta R.T. 0.000 min
Lab File: BN021572.D
Acq: 02 Sep 2022 21:43

Tgt Ion:248 Resp: 4964

Ion	Ratio	Lower	Upper
248	100		
250	103.8	81.8	122.6
141	47.3	38.5	57.7



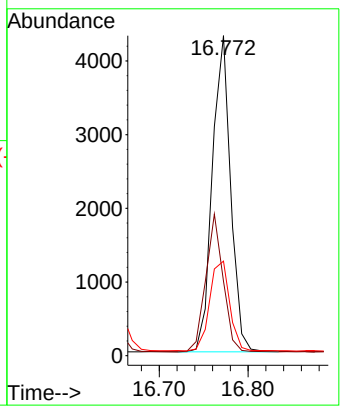


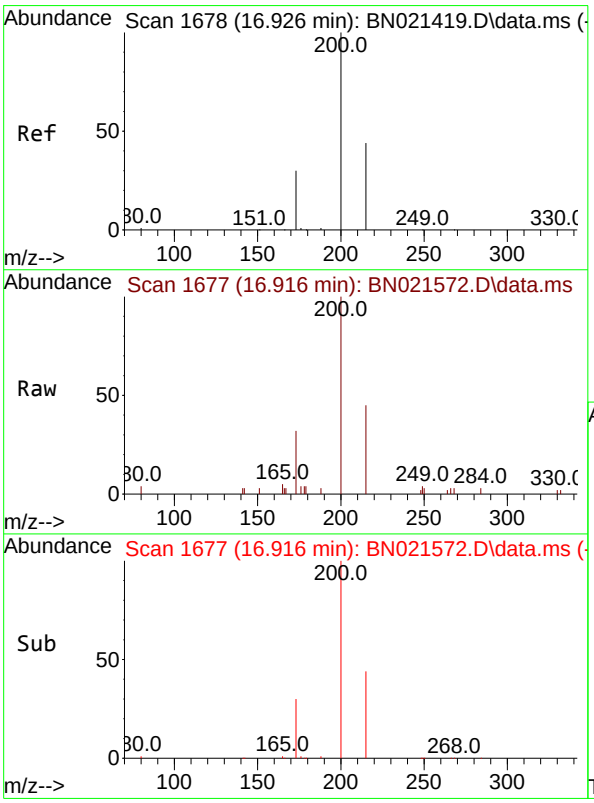
#22
Hexachlorobenzene
Concen: 0.363 ng
RT: 16.772 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021572.D
Acq: 02 Sep 2022 21:43

Instrument :
BNA_N
ClientSampleId :
PB147332BSD

Tgt Ion:284 Resp: 6142

Ion	Ratio	Lower	Upper
284	100		
142	41.3	32.3	48.5
249	30.9	25.4	38.2

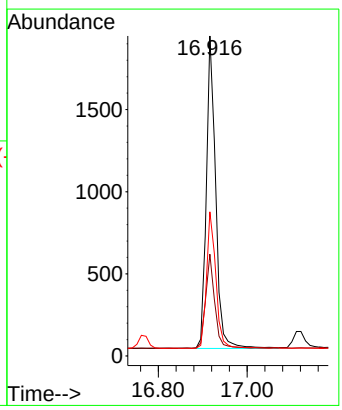


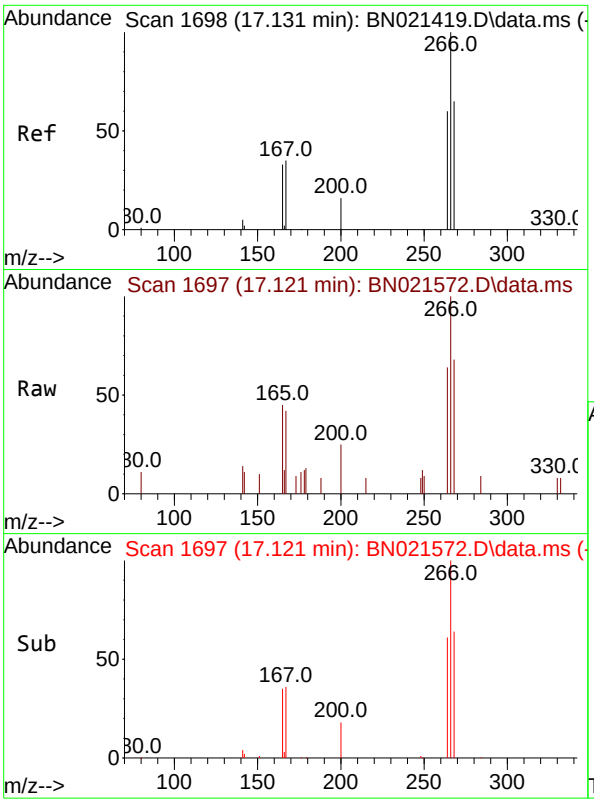


#23
Atrazine
Concen: 0.344 ng
RT: 16.916 min Scan# 1677
Delta R.T. -0.010 min
Lab File: BN021572.D
Acq: 02 Sep 2022 21:43

Tgt Ion:200 Resp: 2775

Ion	Ratio	Lower	Upper
200	100		
173	31.8	24.3	36.5
215	45.1	38.4	57.6



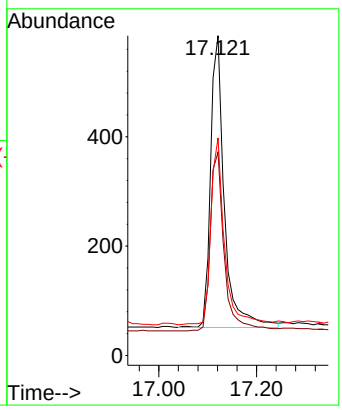


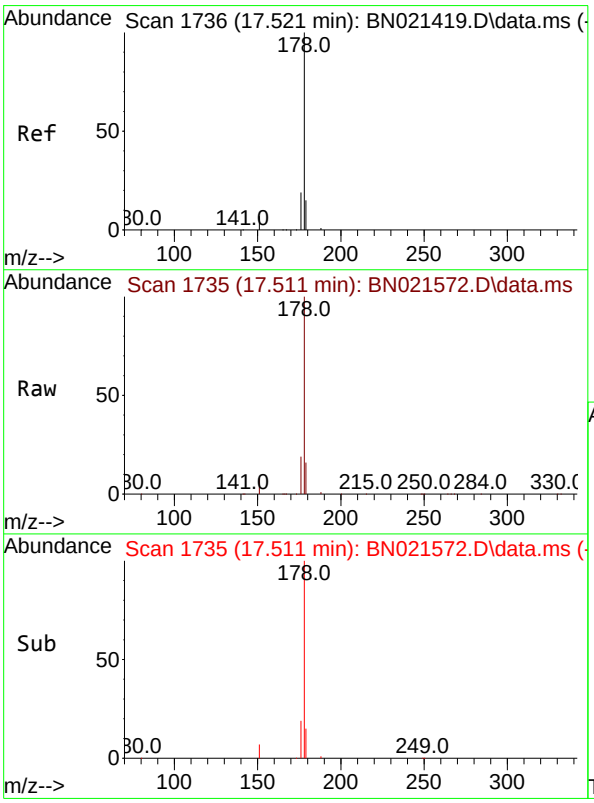
#24
Pentachlorophenol
Concen: 0.409 ng
RT: 17.121 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021572.D
Acq: 02 Sep 2022 21:43

Instrument :
BNA_N
ClientSampleId :
PB147332BSD

Tgt Ion:266 Resp: 1048

Ion	Ratio	Lower	Upper
266	100		
264	61.5	49.0	73.6
268	63.2	50.9	76.3

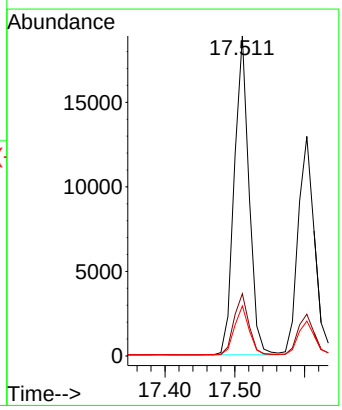


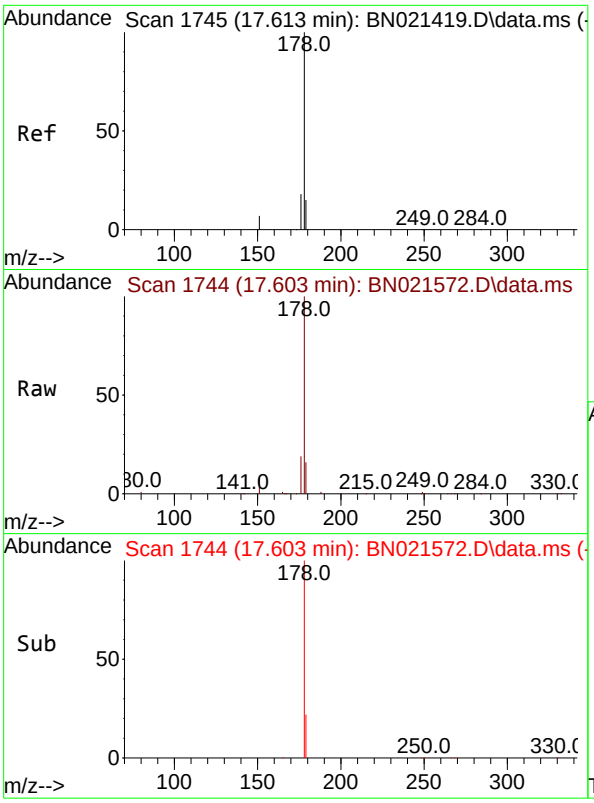


#25
Phenanthrene
Concen: 0.360 ng
RT: 17.511 min Scan# 1735
Delta R.T. 0.000 min
Lab File: BN021572.D
Acq: 02 Sep 2022 21:43

Tgt Ion:178 Resp: 27477

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.2	12.2	18.4



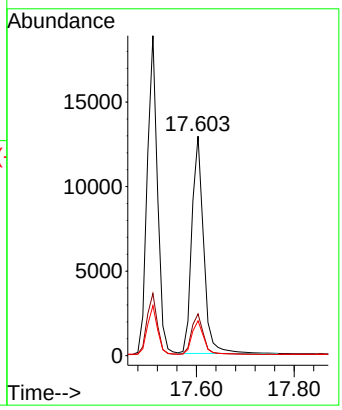


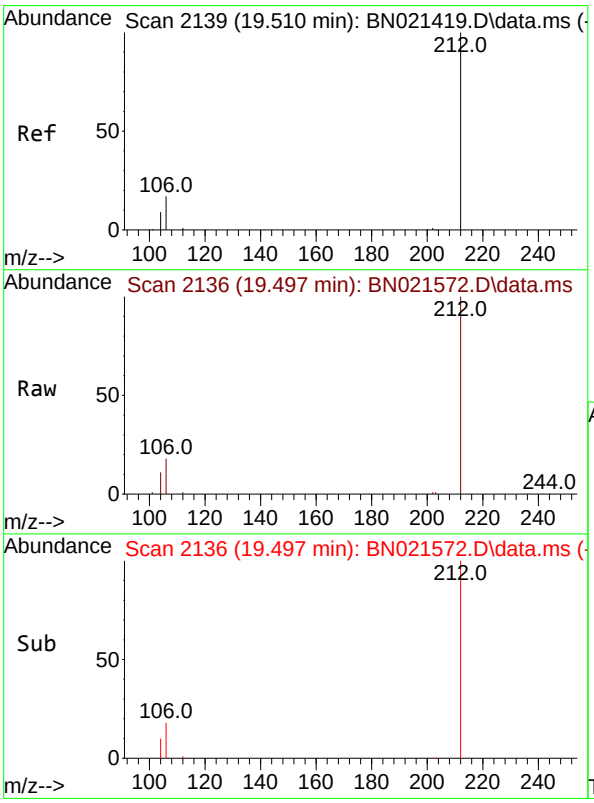
#26
Anthracene
Concen: 0.355 ng
RT: 17.603 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021572.D
Acq: 02 Sep 2022 21:43

Instrument :
BNA_N
ClientSampleId :
PB147332BSD

Tgt Ion:178 Resp: 21479

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	22.0
179	15.3	12.2	18.2

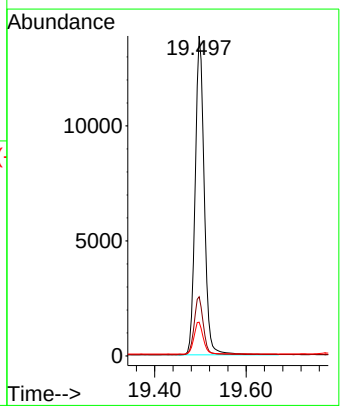


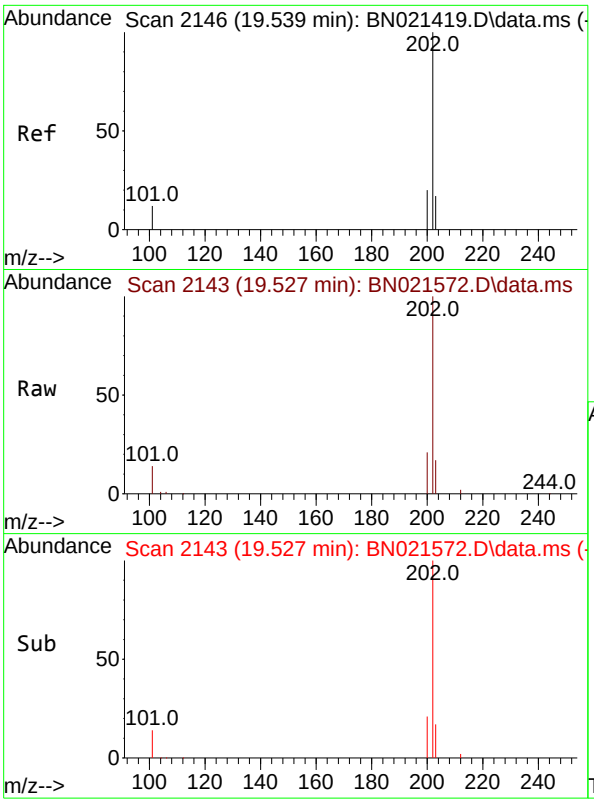


#27
Fluoranthene-d10
Concen: 0.338 ng
RT: 19.497 min Scan# 2136
Delta R.T. -0.004 min
Lab File: BN021572.D
Acq: 02 Sep 2022 21:43

Tgt Ion:212 Resp: 19206

Ion	Ratio	Lower	Upper
212	100		
106	18.2	14.2	21.2
104	10.0	7.8	11.6



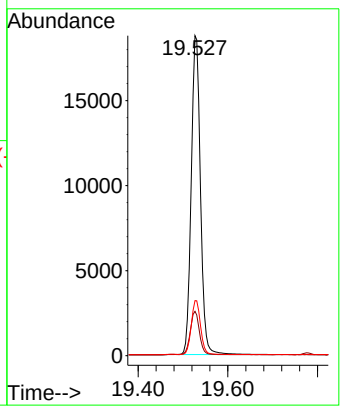


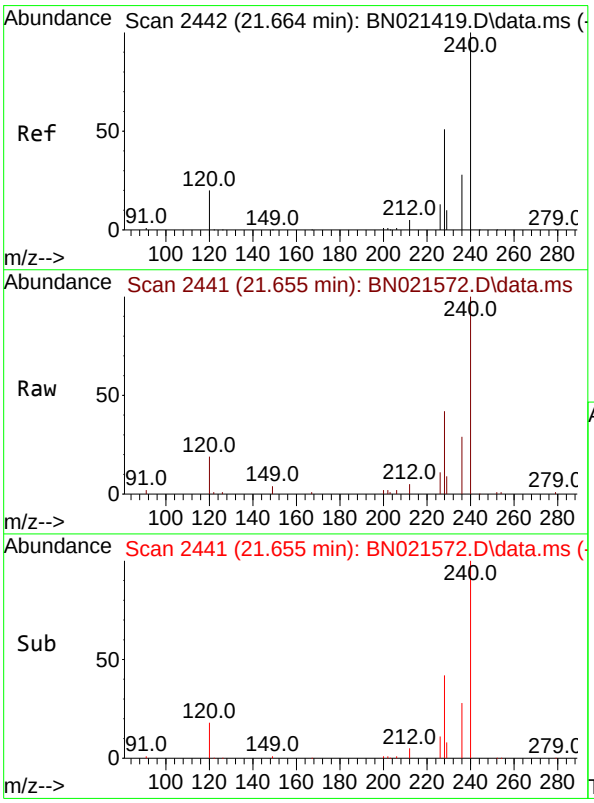
#28
Fluoranthene
Concen: 0.338 ng
RT: 19.527 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN021572.D
Acq: 02 Sep 2022 21:43

Instrument :
BNA_N
ClientSampleId :
PB147332BSD

Tgt Ion:202 Resp: 26756

Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.9	16.3
203	17.0	13.8	20.6

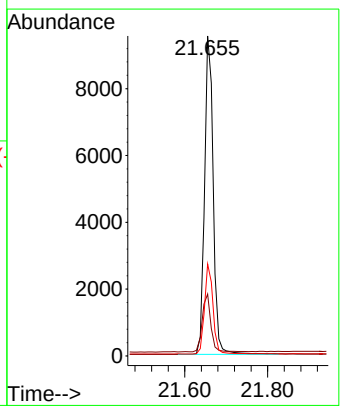


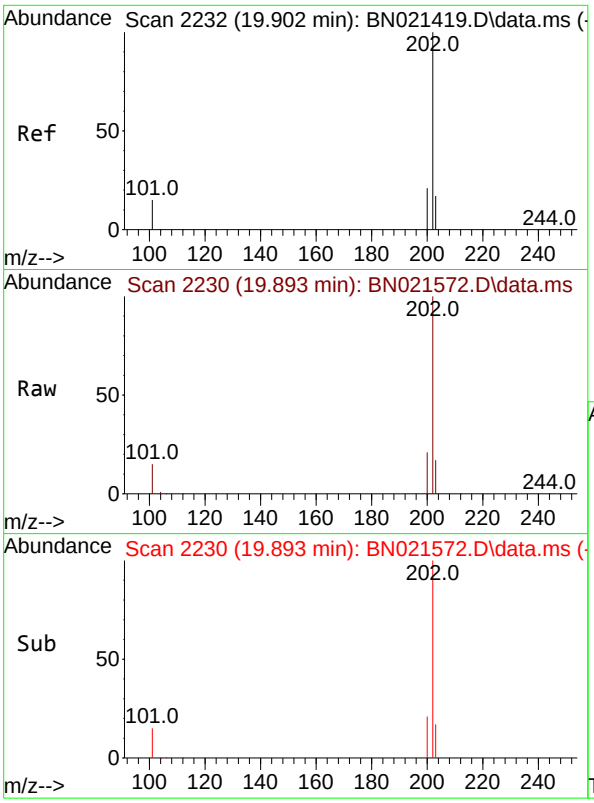


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.655 min Scan# 2441
Delta R.T. -0.009 min
Lab File: BN021572.D
Acq: 02 Sep 2022 21:43

Tgt Ion:240 Resp: 13906

Ion	Ratio	Lower	Upper
240	100		
120	19.3	10.2	15.4#
236	28.8	22.1	33.1



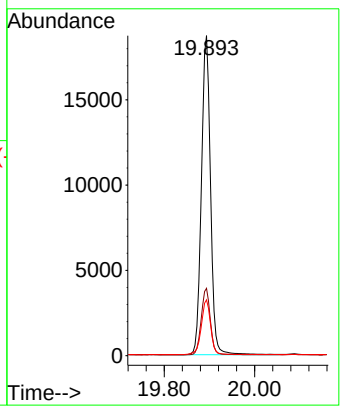


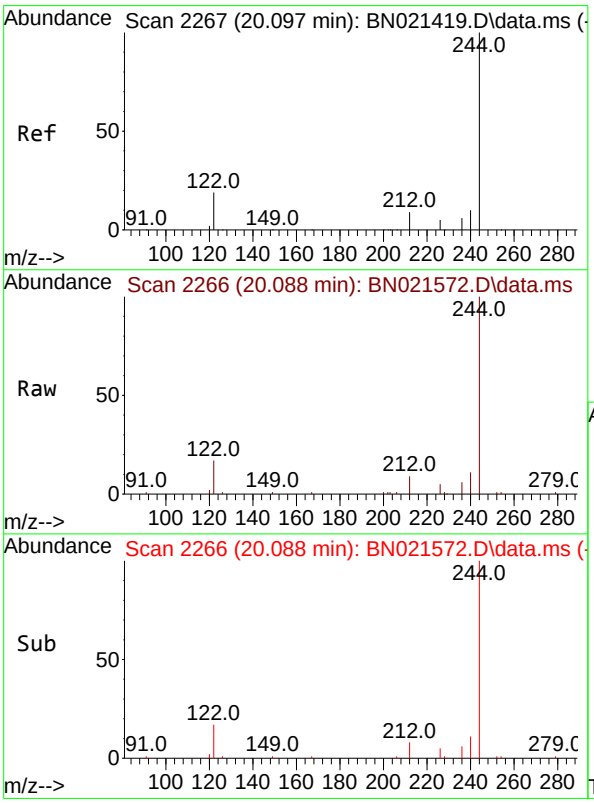
#30
Pyrene
Concen: 0.394 ng
RT: 19.893 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN021572.D
Acq: 02 Sep 2022 21:43

Instrument :
BNA_N
ClientSampleId :
PB147332BSD

Tgt Ion:202 Resp: 29164

Ion	Ratio	Lower	Upper
202	100		
200	18.6	13.9	20.9
203	15.8	11.9	17.9

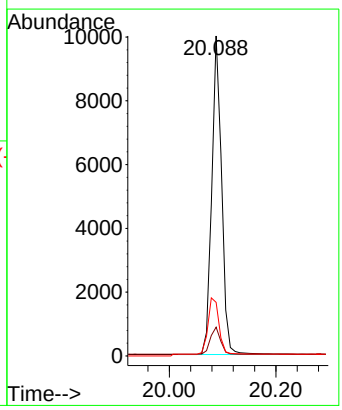


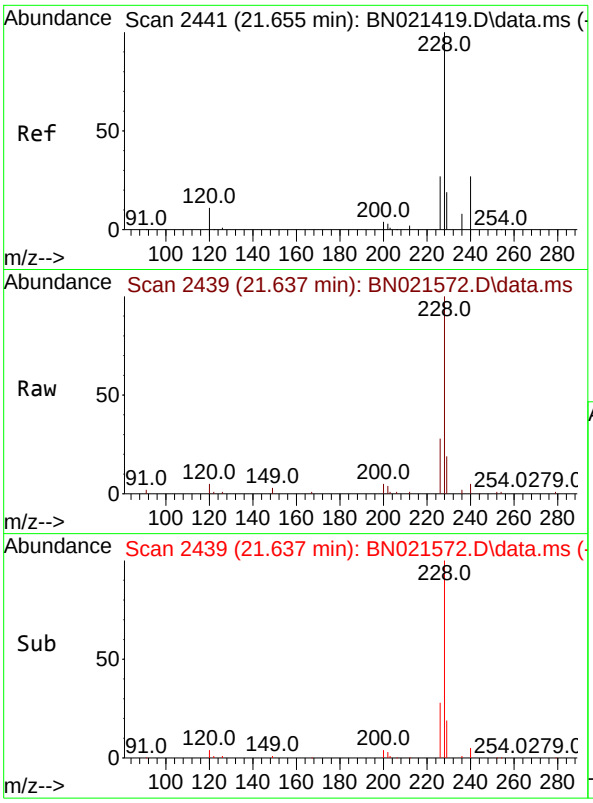


#31
Terphenyl-d14
Concen: 0.408 ng
RT: 20.088 min Scan# 2266
Delta R.T. -0.009 min
Lab File: BN021572.D
Acq: 02 Sep 2022 21:43

Tgt Ion:244 Resp: 12736

Ion	Ratio	Lower	Upper
244	100		
212	9.0	6.5	9.7
122	16.7	9.1	13.7#



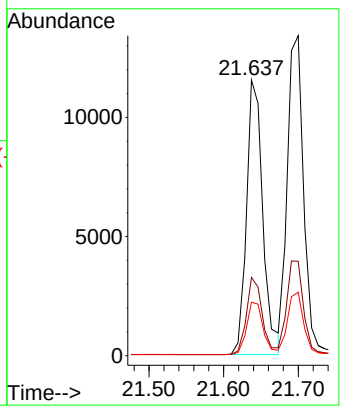


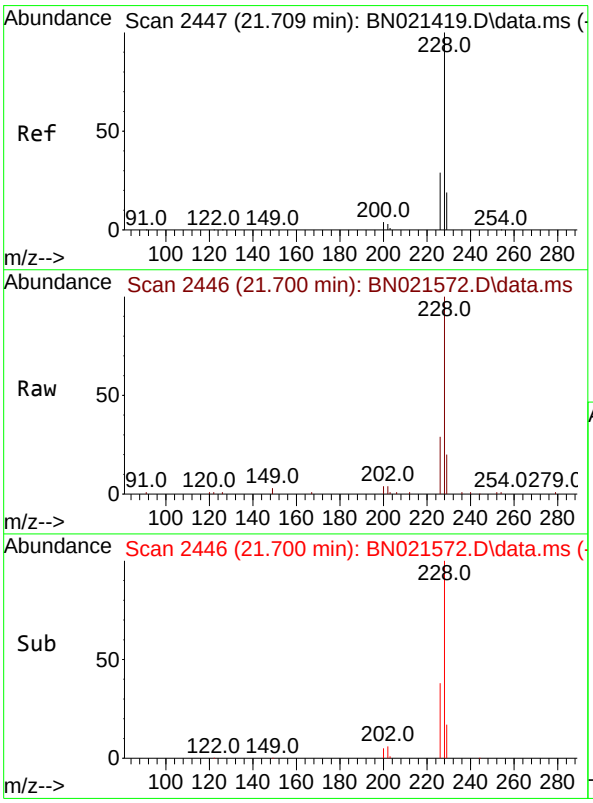
#32
Benzo(a)anthracene
Concen: 0.361 ng
RT: 21.637 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN021572.D
Acq: 02 Sep 2022 21:43

Instrument :
BNA_N
ClientSampleId :
PB147332BSD

Tgt Ion:228 Resp: 17490

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.0	33.0
229	19.4	15.9	23.9

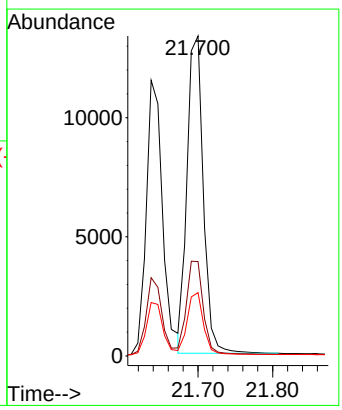


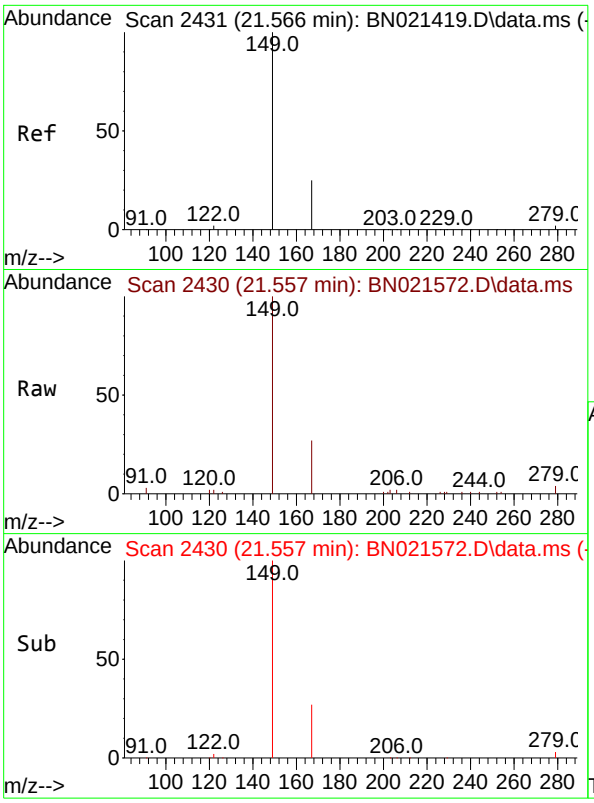


#33
Chrysene
Concen: 0.351 ng
RT: 21.700 min Scan# 2446
Delta R.T. 0.000 min
Lab File: BN021572.D
Acq: 02 Sep 2022 21:43

Tgt Ion:228 Resp: 20225

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.2	36.2
229	19.8	15.9	23.9



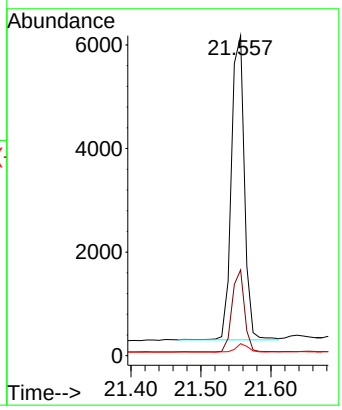


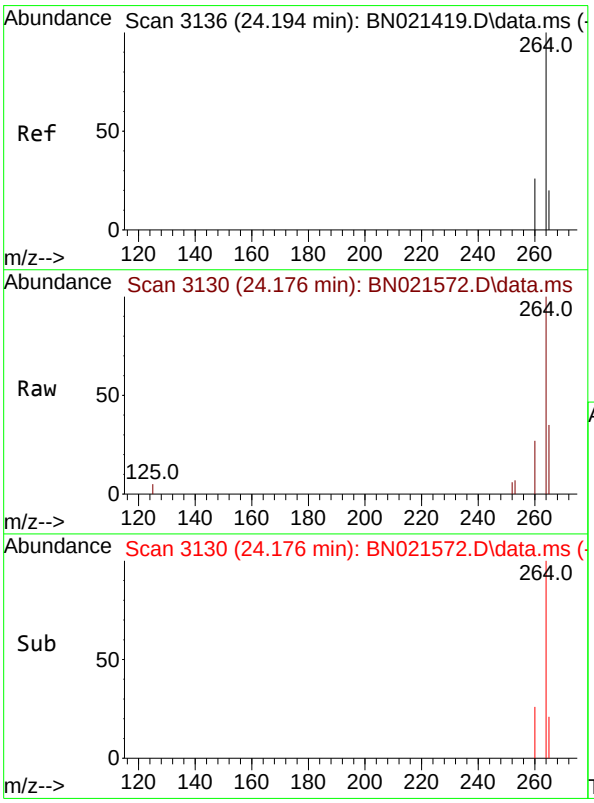
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.390 ng
RT: 21.557 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN021572.D
Acq: 02 Sep 2022 21:43

Instrument :
BNA_N
ClientSampleId :
PB147332BSD

Tgt Ion:149 Resp: 7619

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

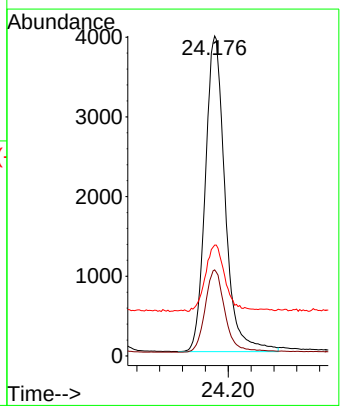


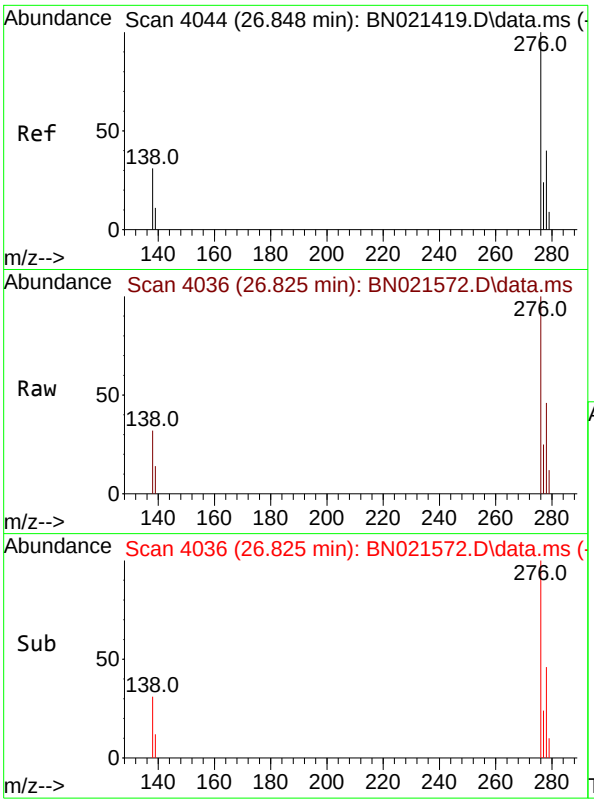


#35
Perylene-d12
Concen: 0.400 ng
RT: 24.176 min Scan# 3130
Delta R.T. -0.009 min
Lab File: BN021572.D
Acq: 02 Sep 2022 21:43

Tgt Ion:264 Resp: 9526

Ion	Ratio	Lower	Upper
264	100		
260	26.9	21.0	31.6
265	34.6	32.2	48.2



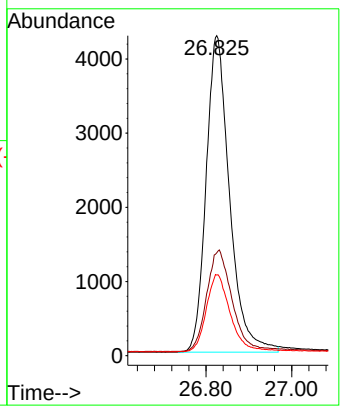


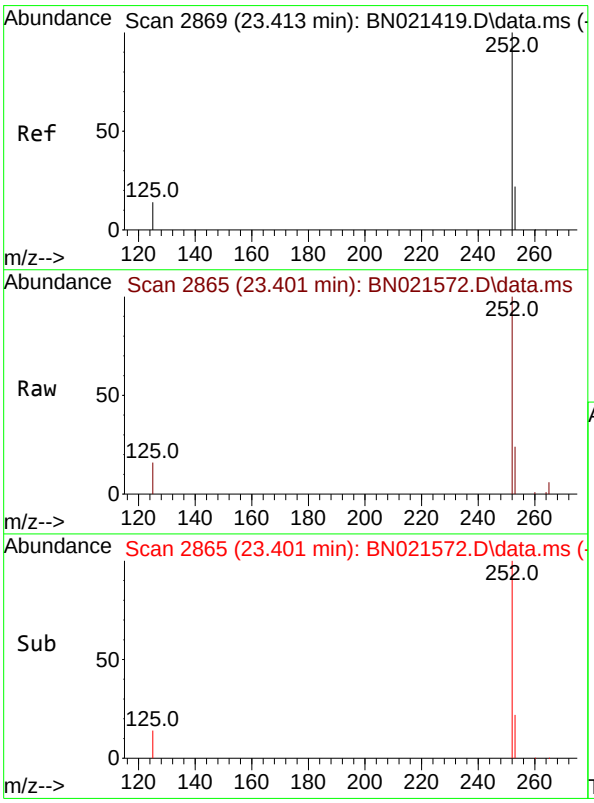
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.377 ng
RT: 26.825 min Scan# 4
Delta R.T. -0.015 min
Lab File: BN021572.D
Acq: 02 Sep 2022 21:43

Instrument :
BNA_N
ClientSampleId :
PB147332BSD

Tgt Ion:276 Resp: 16201

Ion	Ratio	Lower	Upper
276	100		
138	34.8	27.4	41.2
277	25.0	19.9	29.9

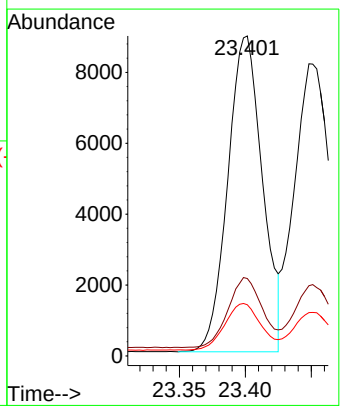


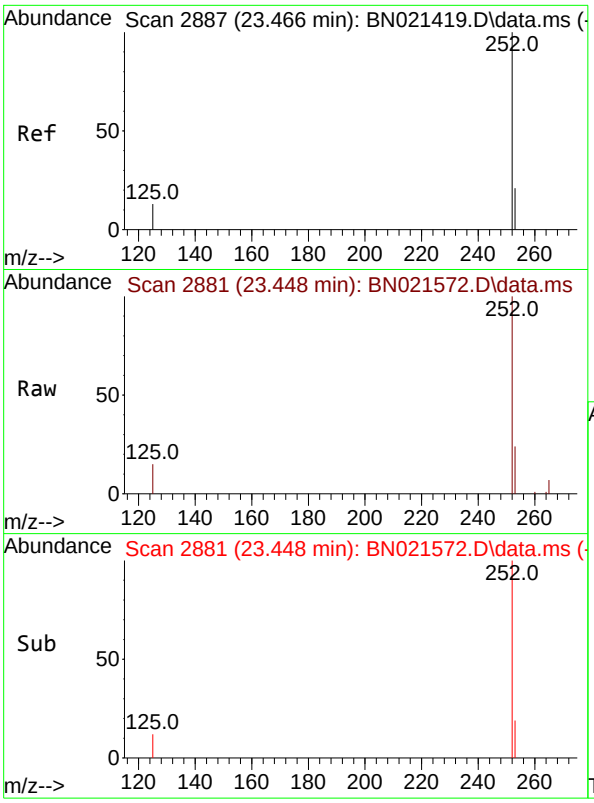


#37
Benzo(b)fluoranthene
Concen: 0.347 ng
RT: 23.401 min Scan# 2865
Delta R.T. -0.006 min
Lab File: BN021572.D
Acq: 02 Sep 2022 21:43

Tgt Ion:252 Resp: 16288

Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.8	29.6
125	16.0	13.7	20.5



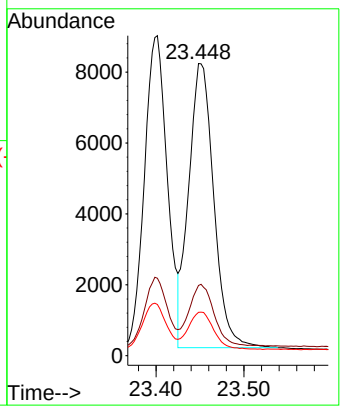


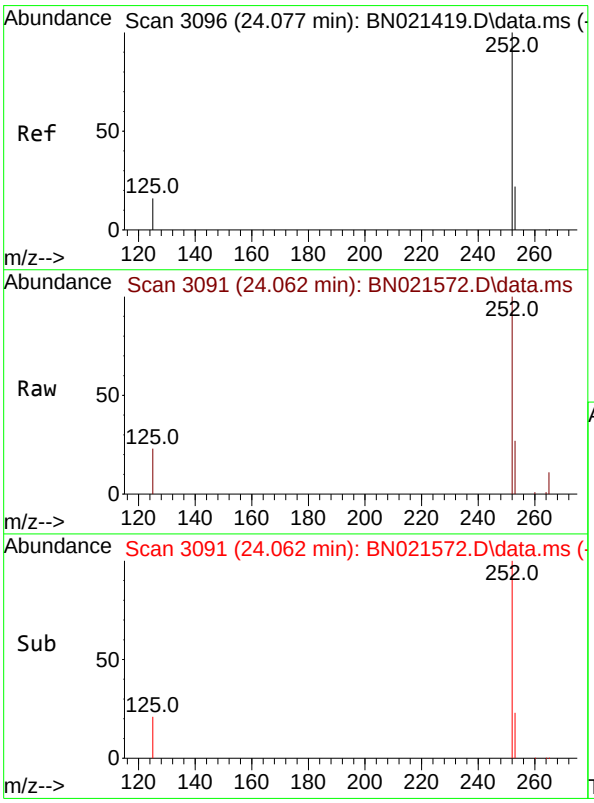
#38
Benzo(k)fluoranthene
Concen: 0.337 ng
RT: 23.448 min Scan# 2
Delta R.T. -0.012 min
Lab File: BN021572.D
Acq: 02 Sep 2022 21:43

Instrument :
BNA_N
ClientSampleId :
PB147332BSD

Tgt Ion:252 Resp: 15936

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.5	29.3
125	14.8	12.3	18.5

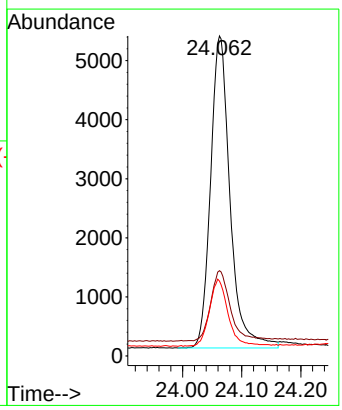


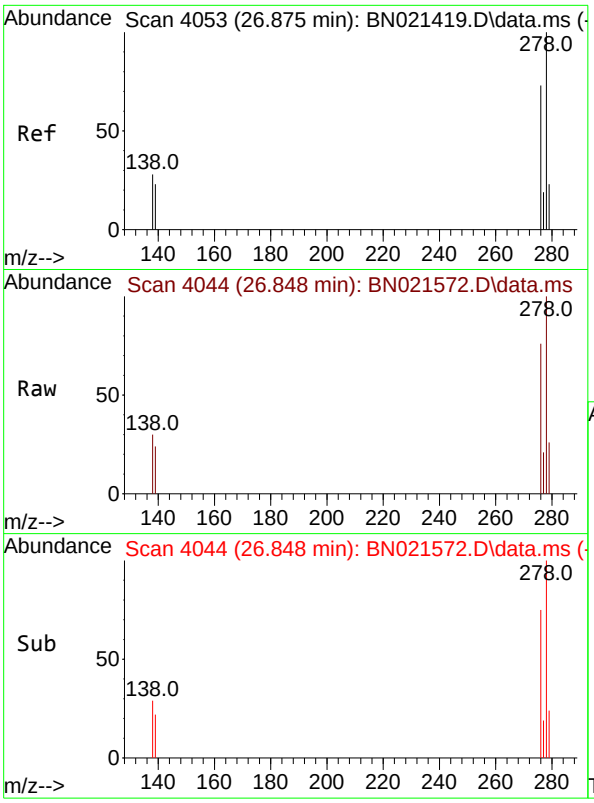


#39
Benzo(a)pyrene
Concen: 0.370 ng
RT: 24.062 min Scan# 3091
Delta R.T. -0.006 min
Lab File: BN021572.D
Acq: 02 Sep 2022 21:43

Tgt Ion:252 Resp: 12116

Ion	Ratio	Lower	Upper
252	100		
253	26.7	21.1	31.7
125	23.4	16.6	25.0



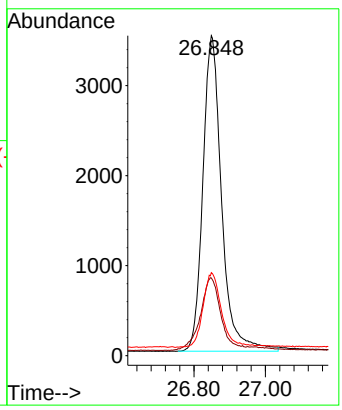


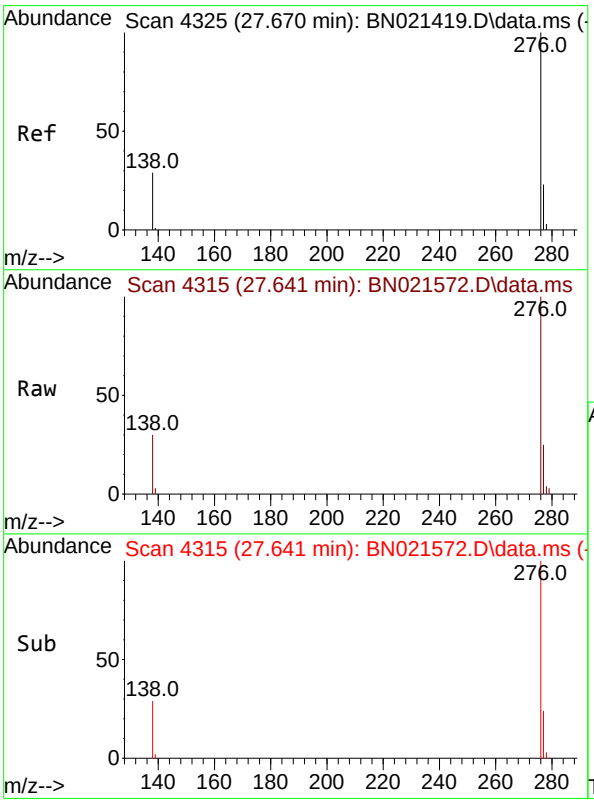
#40
Dibenzo(a,h)anthracene
Concen: 0.369 ng
RT: 26.848 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN021572.D
Acq: 02 Sep 2022 21:43

Instrument :
BNA_N
ClientSampleId :
PB147332BSD

Tgt Ion:278 Resp: 12792

Ion	Ratio	Lower	Upper
278	100		
139	24.3	21.8	32.6
279	25.9	20.4	30.6





#41
Benzo(g,h,i)perylene
Concen: 0.355 ng
RT: 27.641 min Scan# 4315
Delta R.T. -0.012 min
Lab File: BN021572.D
Acq: 02 Sep 2022 21:43

Tgt Ion:276 Resp: 13493

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.7	29.5
138	30.4	23.7	35.5