Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091022\
Data File : BN021664.D
Acq On : 09 Sep 2022 17:06
Operator : CG/JU
Sample : PB147412BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB147412BS

Quant Time: Sep 09 23:21:36 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 09 23:19:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.062	152	4120	0.400	ng		0.00
7) Naphthalene-d8	10.898	136	12972	0.400	ng	#	0.00
13) Acenaphthene-d10	14.718	164	7356	0.400	ng		0.00
19) Phenanthrene-d10	17.470	188	15035	0.400	ng		0.00
29) Chrysene-d12	21.655	240	9556	0.400	ng	#	0.00
35) Perylene-d12	24.171	264	6460	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.592	112	3812	0.473	ng		0.00
5) Phenol-d6	7.217	99	4958	0.483	ng		0.00
8) Nitrobenzene-d5	9.233	82	3957	0.452	ng		0.00
11) 2-Methylnaphthalene-d10	12.482	152	12766	0.437	ng		0.00
14) 2,4,6-Tribromophenol	16.208	330	1051	0.435	ng		0.00
15) 2-Fluorobiphenyl	13.350	172	12494	0.389	ng		0.01
27) Fluoranthene-d10	19.497	212	14539	0.376	ng		0.00
31) Terphenyl-d14	20.088	244	9202	0.428	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.403	88	2143	0.416	ng	#	87
3) n-Nitrosodimethylamine	3.743	42	2235	0.481	ng	#	87
6) bis(2-Chloroethyl)ether	7.477	93	5267	0.407	ng		95
9) Naphthalene	10.941	128	15398	0.401	ng		99
10) Hexachlorobutadiene	11.229	225	2696	0.405	ng	#	100
12) 2-Methylnaphthalene	12.180	142	2590	0.531	ng		98
16) Acenaphthylene	14.440	152	13427	0.389	ng		100
17) Acenaphthene	14.782	154	9606	0.395	ng		96
18) Fluorene	15.766	166	12398	0.414	ng		100
21) 4-Bromophenyl-phenylether	16.649	248	3576	0.380	ng	#	80
22) Hexachlorobenzene	16.762	284	4584	0.398	ng		98
23) Atrazine	16.916	200	2425	0.442	ng		97
24) Pentachlorophenol	17.121	266	1084	0.516	ng		97
25) Phenanthrene	17.511	178	20110	0.388	ng		100
26) Anthracene	17.603	178	15698	0.381	ng		99
28) Fluoranthene	19.527	202	19956	0.370	ng		99
30) Pyrene	19.889	202	22130	0.435	ng		98
32) Benzo(a)anthracene	21.637	228	13299	0.400	ng		100
33) Chrysene	21.691	228	15869	0.400	ng		99
34) Bis(2-ethylhexyl)phtha...	21.548	149	7427	0.554	ng		97
36) Indeno(1,2,3-cd)pyrene	26.816	276	12140	0.416	ng		99
37) Benzo(b)fluoranthene	23.393	252	12844	0.403	ng		98
38) Benzo(k)fluoranthene	23.445	252	12168	0.380	ng		96
39) Benzo(a)pyrene	24.057	252	9540	0.429	ng	#	92
40) Dibenzo(a,h)anthracene	26.840	278	9420	0.401	ng		97
41) Benzo(g,h,i)perylene	27.635	276	10245	0.398	ng		98

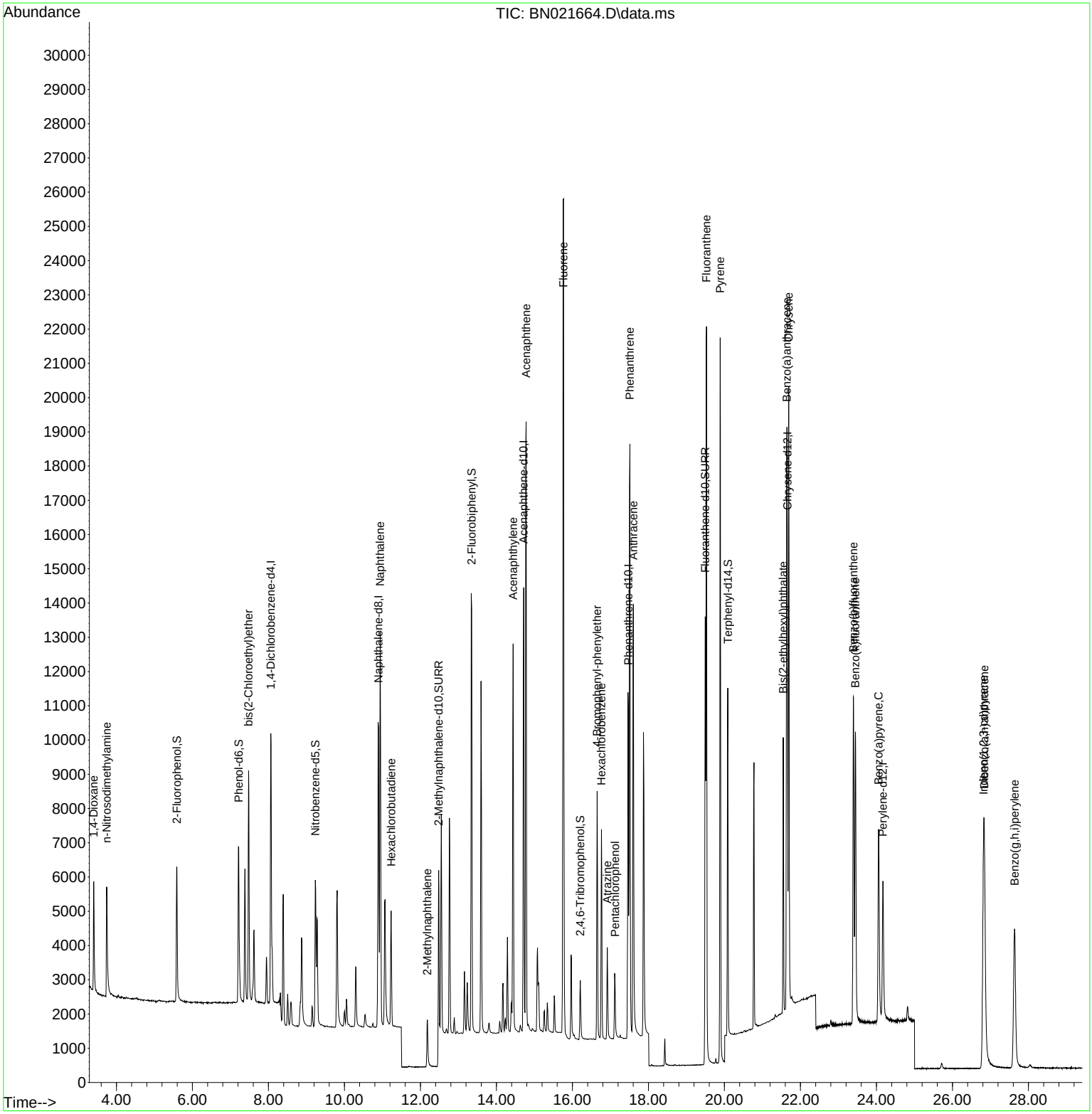
(#) = qualifier out of range (m) = manual integration (+) = signals summed

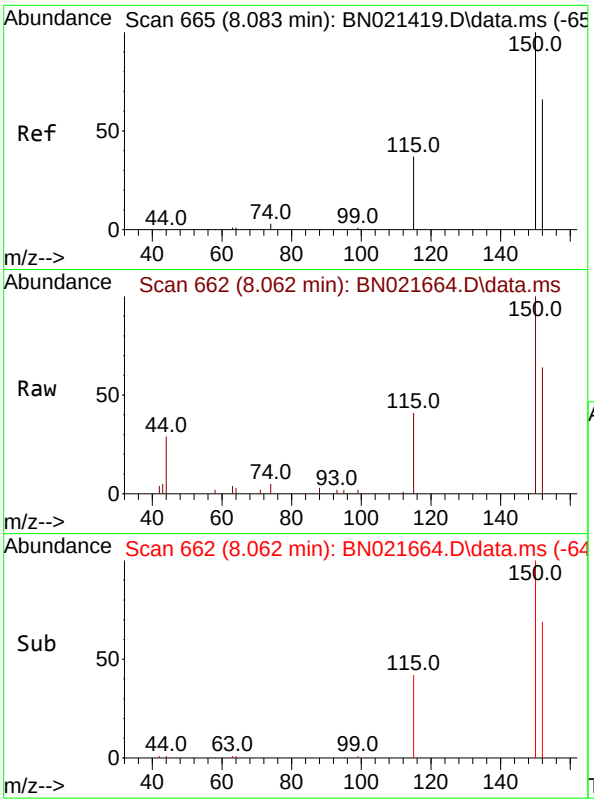
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091022\
Data File : BN021664.D
Acq On : 09 Sep 2022 17:06
Operator : CG/JU
Sample : PB147412BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB147412BS

Quant Time: Sep 09 23:21:36 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 09 23:19:14 2022
Response via : Initial Calibration



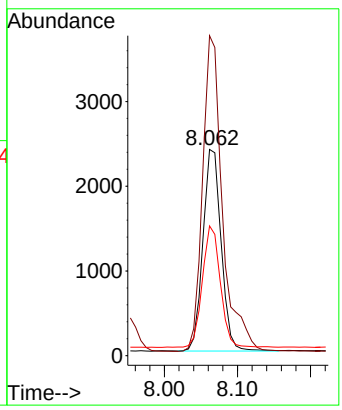


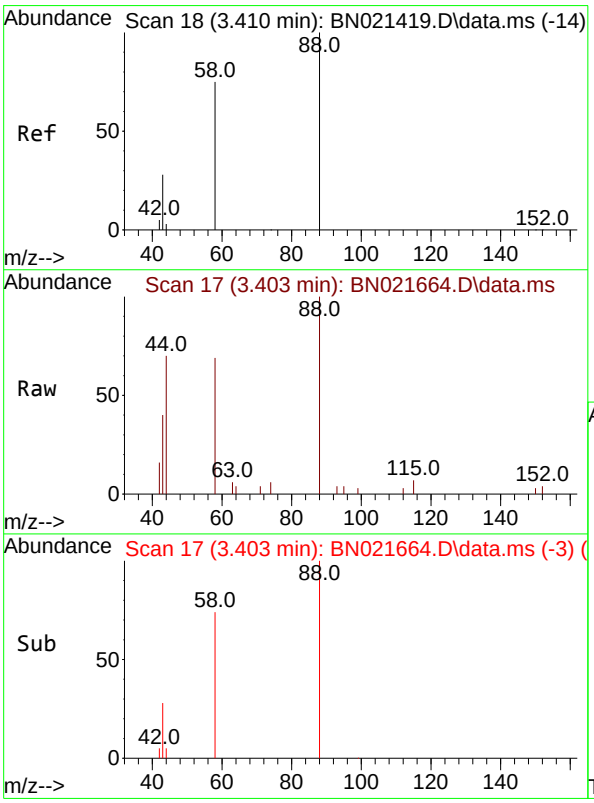
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.062 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN021664.D
Acq: 09 Sep 2022 17:06

Instrument :
BNA_N
ClientSampleId :
PB147412BS

Tgt Ion:152 Resp: 4120

Ion	Ratio	Lower	Upper
152	100		
150	155.2	121.4	182.0
115	62.9	48.6	72.8

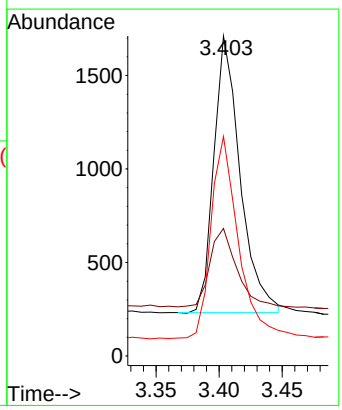


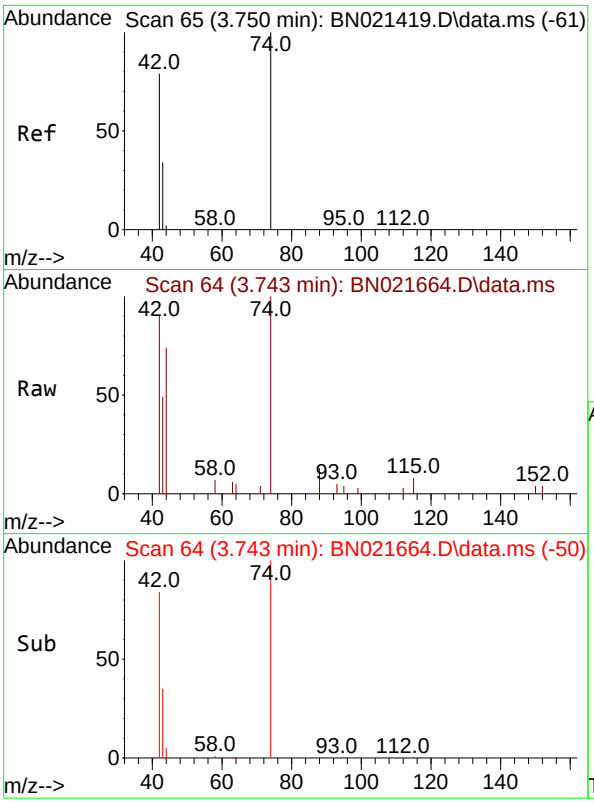


#2
1,4-Dioxane
Concen: 0.416 ng
RT: 3.403 min Scan# 17
Delta R.T. 0.000 min
Lab File: BN021664.D
Acq: 09 Sep 2022 17:06

Tgt Ion: 88 Resp: 2143

Ion	Ratio	Lower	Upper
88	100		
43	28.6	35.8	53.8#
58	76.0	57.1	85.7



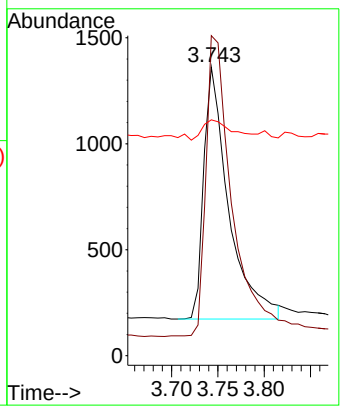


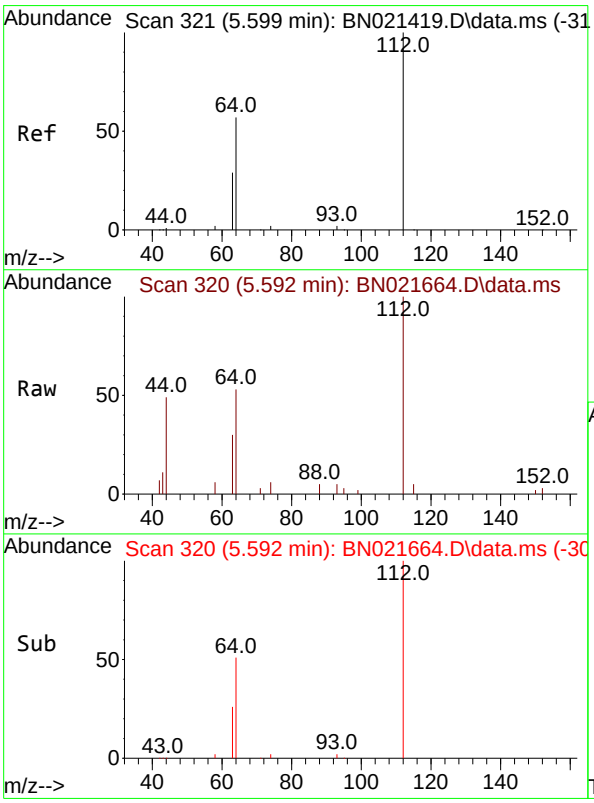
#3
n-Nitrosodimethylamine
Concen: 0.481 ng
RT: 3.743 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN021664.D
Acq: 09 Sep 2022 17:06

Instrument :
BNA_N
ClientSampleId :
PB147412BS

Tgt Ion: 42 Resp: 2235

Ion	Ratio	Lower	Upper
42	100		
74	125.1	113.0	169.6
44	9.4	10.5	15.7#

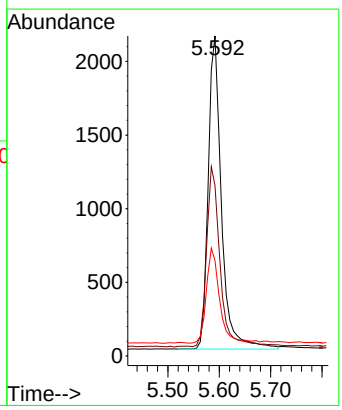


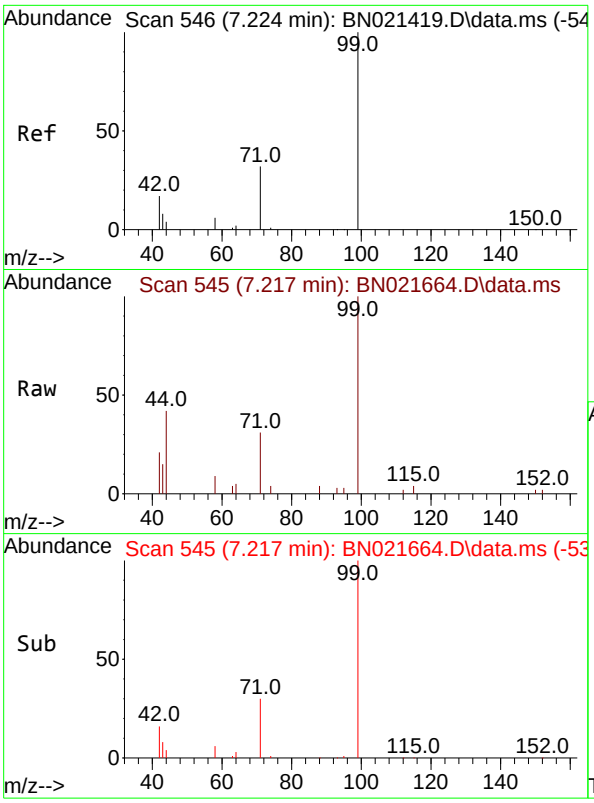


#4
2-Fluorophenol
Concen: 0.473 ng
RT: 5.592 min Scan# 320
Delta R.T. 0.000 min
Lab File: BN021664.D
Acq: 09 Sep 2022 17:06

Tgt Ion:112 Resp: 3812

Ion	Ratio	Lower	Upper
112	100		
64	58.4	43.5	65.3
63	30.4	22.6	34.0



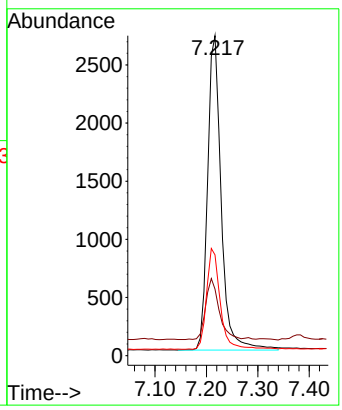


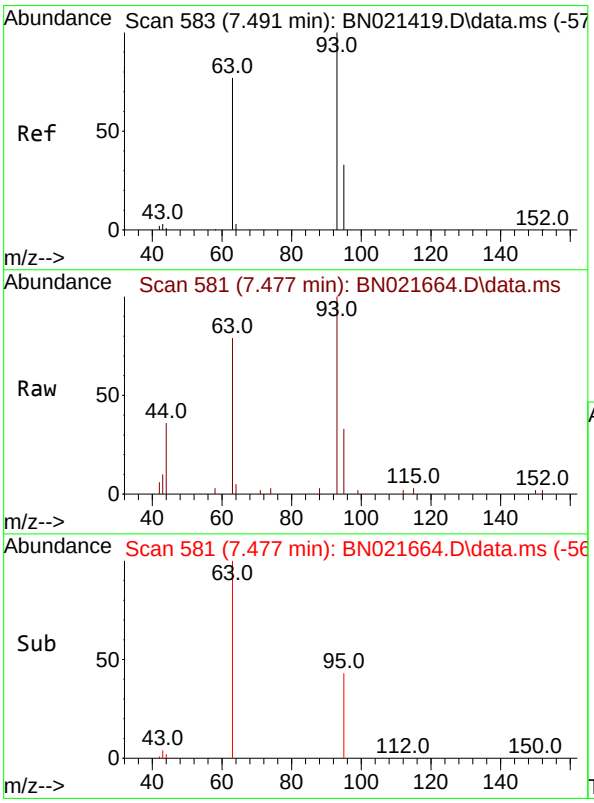
#5
Phenol-d6
Concen: 0.483 ng
RT: 7.217 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN021664.D
Acq: 09 Sep 2022 17:06

Instrument :
BNA_N
ClientSampleId :
PB147412BS

Tgt Ion: 99 Resp: 4958

Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.5	23.3
71	32.4	24.2	36.2

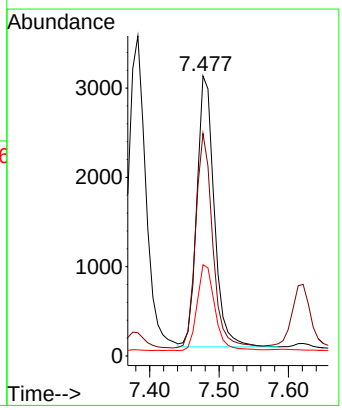


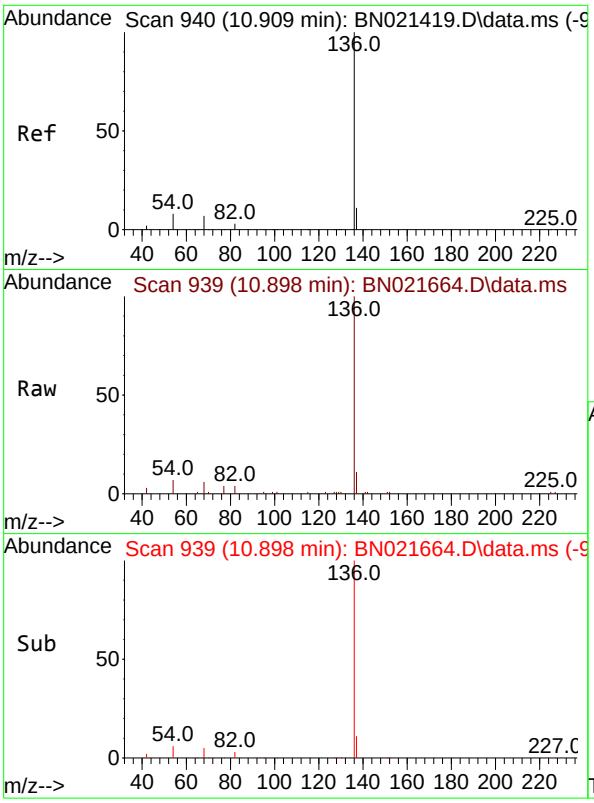


#6
bis(2-Chloroethyl)ether
Concen: 0.407 ng
RT: 7.477 min Scan# 581
Delta R.T. 0.000 min
Lab File: BN021664.D
Acq: 09 Sep 2022 17:06

Tgt Ion: 93 Resp: 5267

Ion	Ratio	Lower	Upper
93	100		
63	77.9	57.8	86.8
95	32.5	25.9	38.9



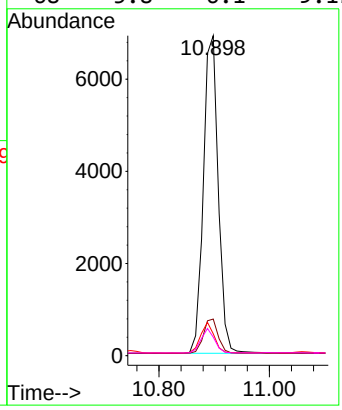


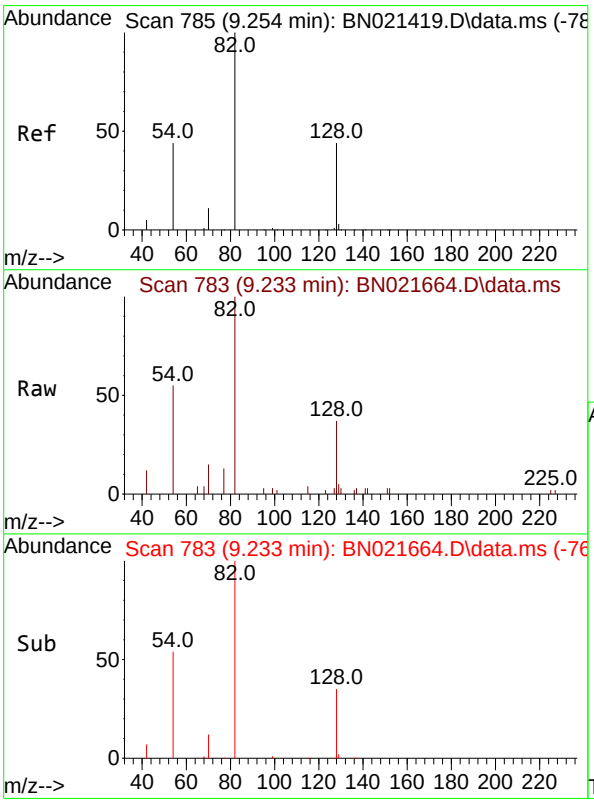
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.898 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN021664.D
Acq: 09 Sep 2022 17:06

Instrument :
BNA_N
ClientSampleId :
PB147412BS

Tgt Ion:136 Resp: 12972

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.3	13.9
54	6.9	6.9	10.3#
68	5.8	6.1	9.1#

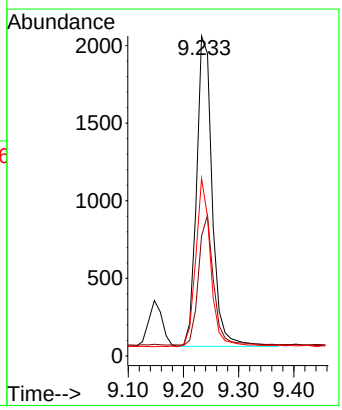


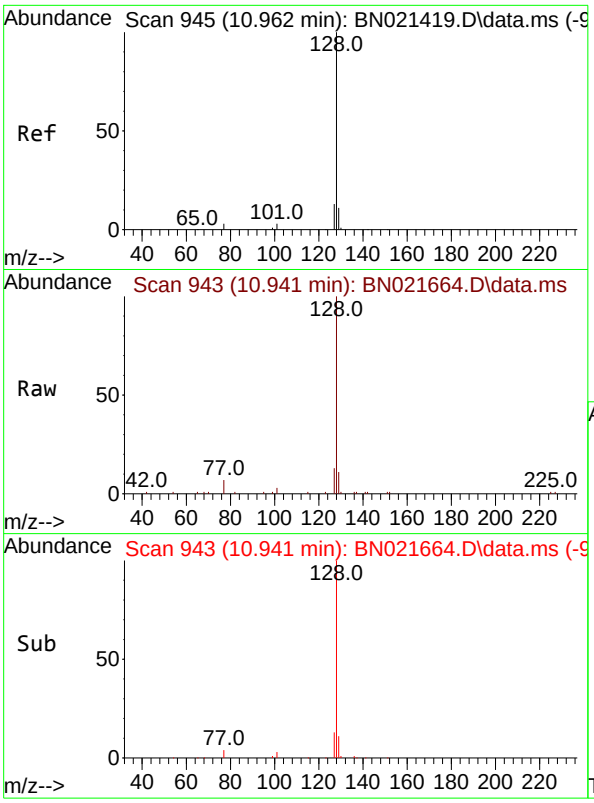


#8
Nitrobenzene-d5
Concen: 0.452 ng
RT: 9.233 min Scan# 783
Delta R.T. 0.000 min
Lab File: BN021664.D
Acq: 09 Sep 2022 17:06

Tgt Ion: 82 Resp: 3957

Ion	Ratio	Lower	Upper
82	100		
128	37.5	30.9	46.3
54	55.5	42.7	64.1



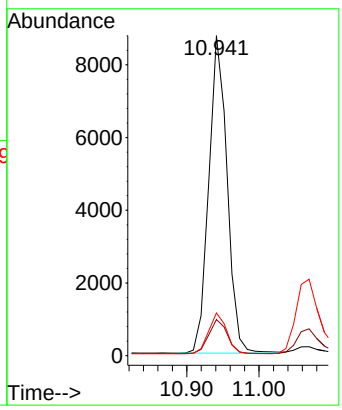


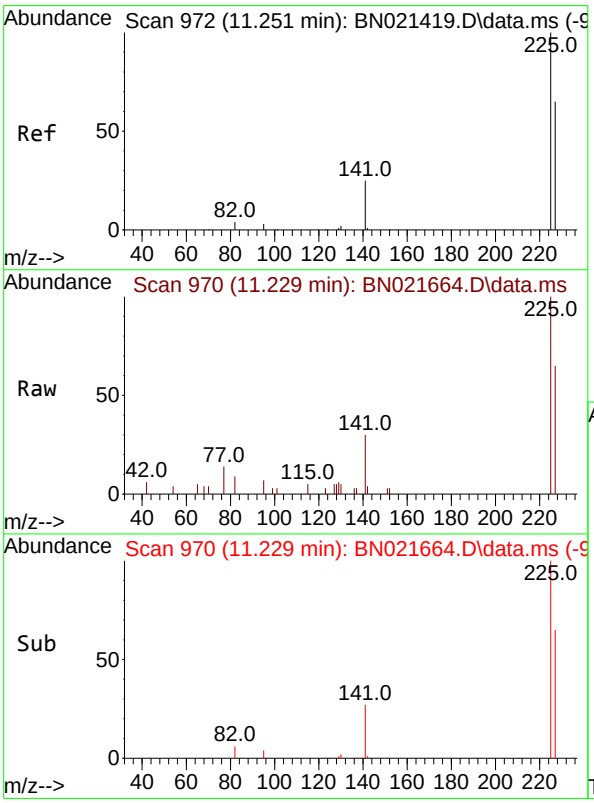
#9
Naphthalene
Concen: 0.401 ng
RT: 10.941 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN021664.D
Acq: 09 Sep 2022 17:06

Instrument :
BNA_N
ClientSampleId :
PB147412BS

Tgt Ion:128 Resp: 15398

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.3	13.9
127	13.3	11.0	16.4

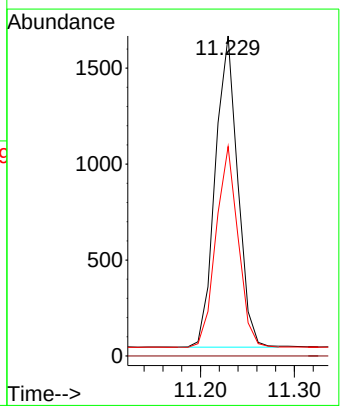


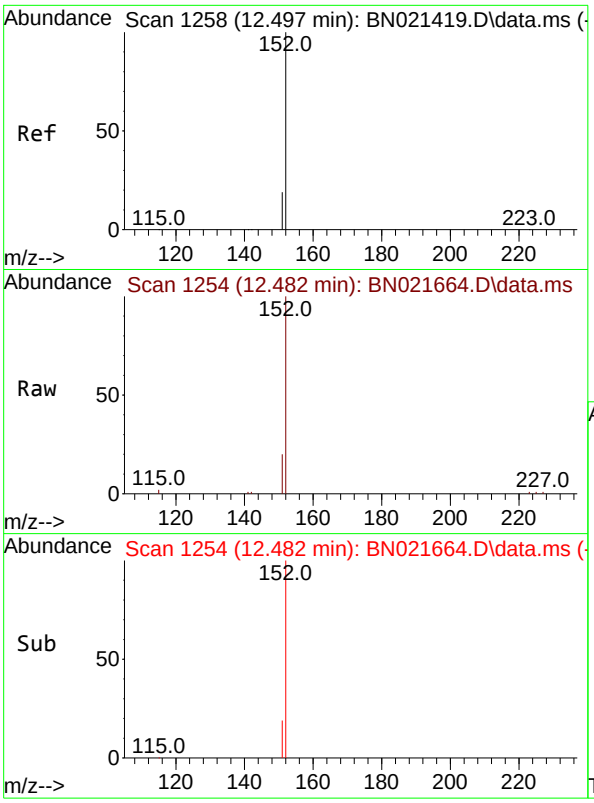


#10
Hexachlorobutadiene
Concen: 0.405 ng
RT: 11.229 min Scan# 970
Delta R.T. 0.000 min
Lab File: BN021664.D
Acq: 09 Sep 2022 17:06

Tgt Ion:225 Resp: 2696

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	51.2	76.8



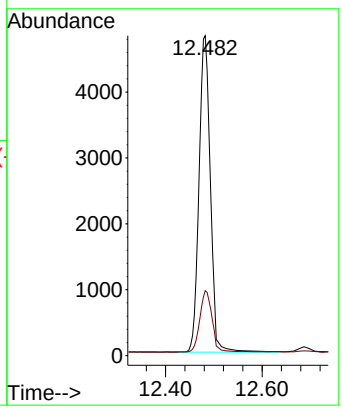


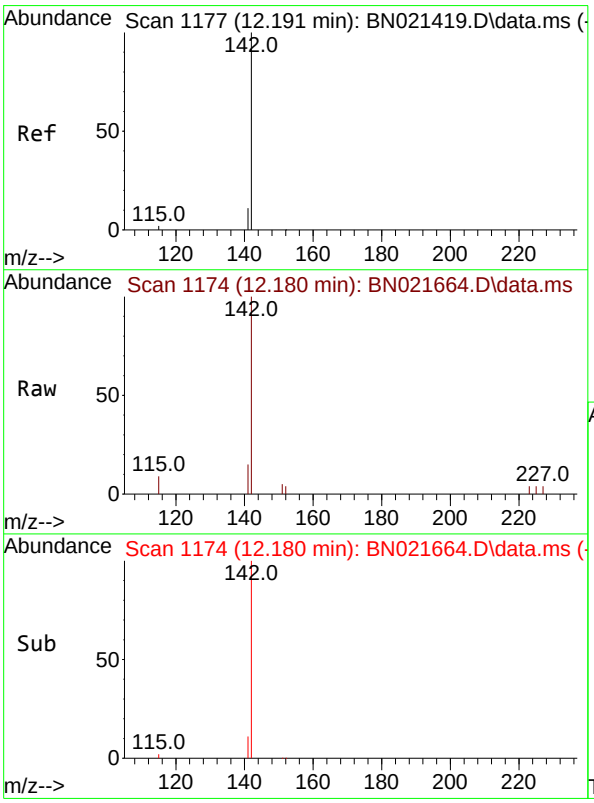
#11
2-Methylnaphthalene-d10
Concen: 0.437 ng
RT: 12.482 min Scan# 1
Delta R.T. 0.004 min
Lab File: BN021664.D
Acq: 09 Sep 2022 17:06

Instrument :
BNA_N
ClientSampleId :
PB147412BS

Tgt Ion:152 Resp: 12766

Ion	Ratio	Lower	Upper
152	100		
151	20.3	14.5	21.7

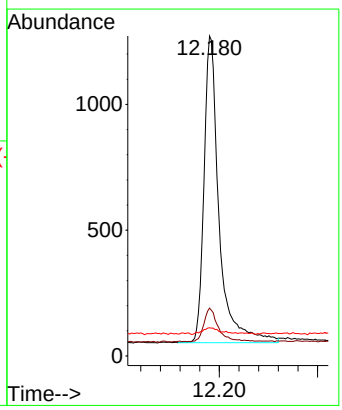


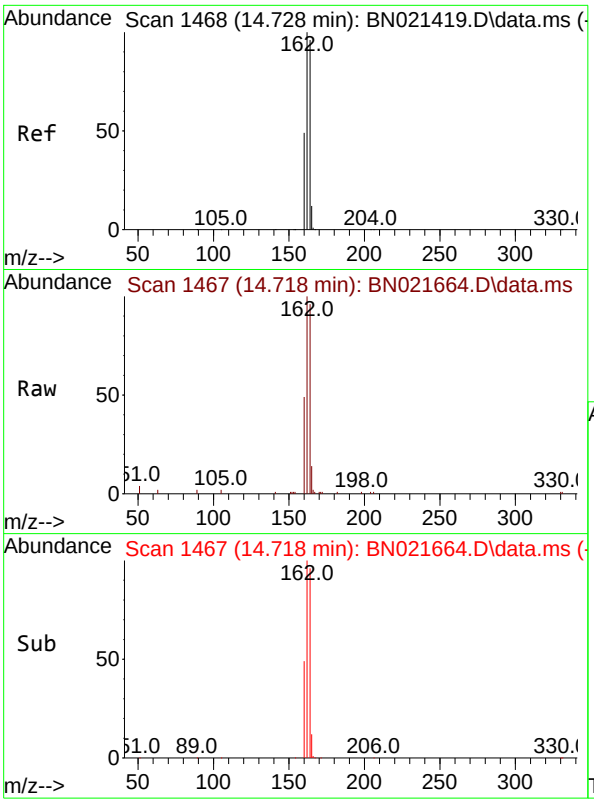


#12
2-Methylnaphthalene
Concen: 0.531 ng
RT: 12.180 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BN021664.D
Acq: 09 Sep 2022 17:06

Tgt Ion:142 Resp: 2590

Ion	Ratio	Lower	Upper
142	100		
141	14.9	12.2	18.2
115	8.8	7.9	11.9



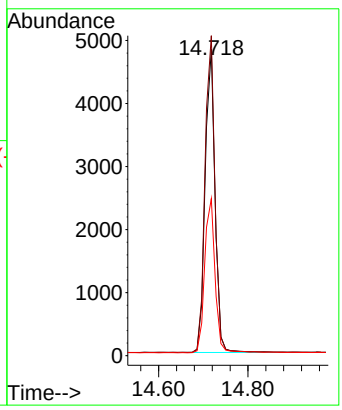


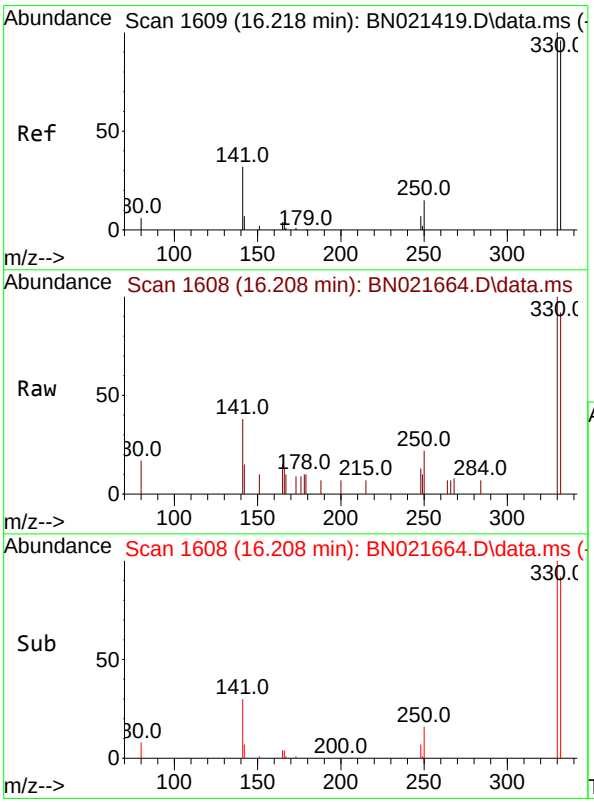
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.718 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN021664.D
Acq: 09 Sep 2022 17:06

Instrument :
BNA_N
ClientSampleId :
PB147412BS

Tgt Ion:164 Resp: 7356

Ion	Ratio	Lower	Upper
164	100		
162	104.4	82.2	123.4
160	51.2	39.5	59.3

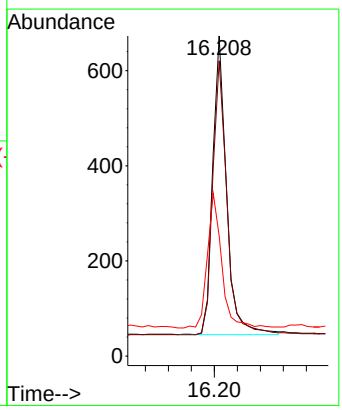


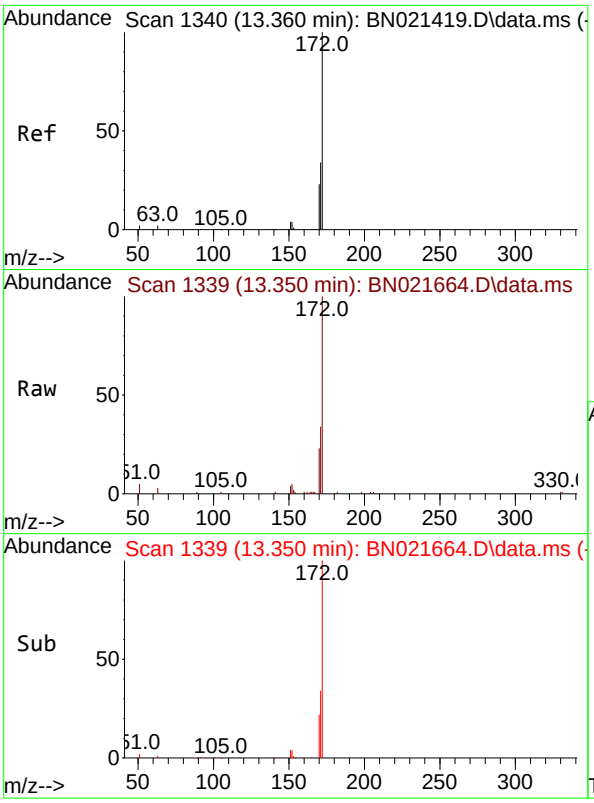


#14
2,4,6-Tribromophenol
Concen: 0.435 ng
RT: 16.208 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BN021664.D
Acq: 09 Sep 2022 17:06

Tgt Ion:330 Resp: 1051

Ion	Ratio	Lower	Upper
330	100		
332	93.7	79.3	118.9
141	46.8	37.1	55.7



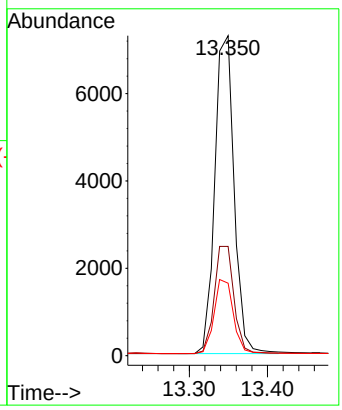


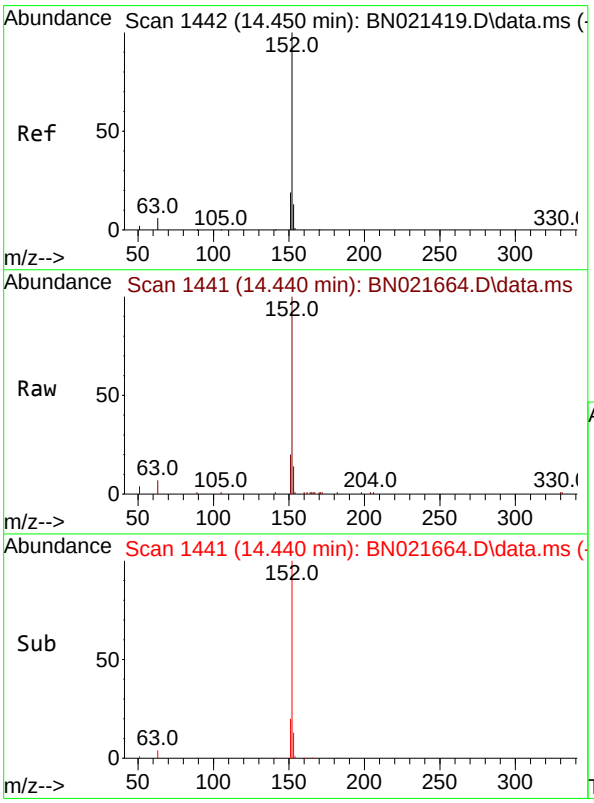
#15
2-Fluorobiphenyl
Concen: 0.389 ng
RT: 13.350 min Scan# 1
Delta R.T. 0.011 min
Lab File: BN021664.D
Acq: 09 Sep 2022 17:06

Instrument :
BNA_N
ClientSampleId :
PB147412BS

Tgt Ion:172 Resp: 12494

Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.8	41.6
170	22.7	18.6	28.0

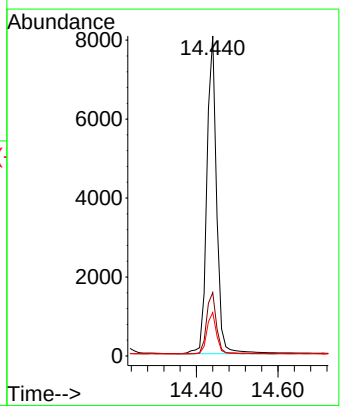


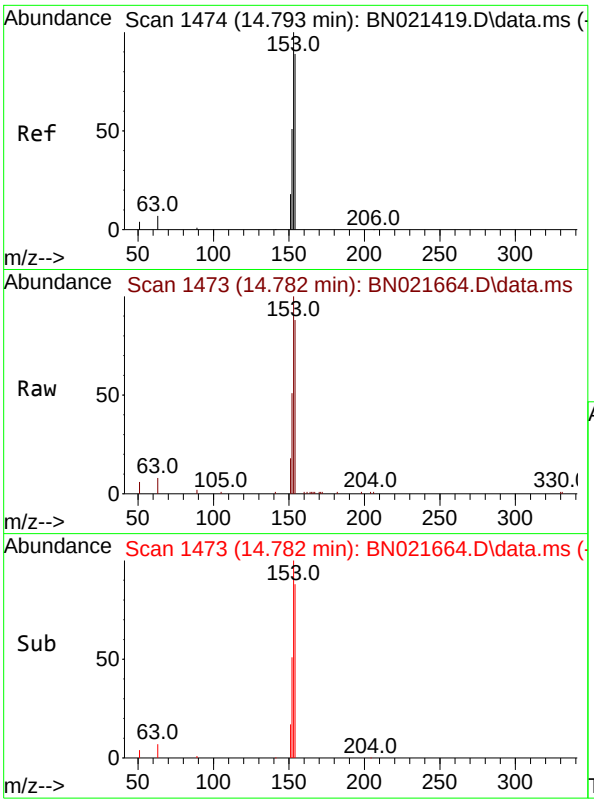


#16
Acenaphthylene
Concen: 0.389 ng
RT: 14.440 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BN021664.D
Acq: 09 Sep 2022 17:06

Tgt Ion:152 Resp: 13427

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.2
153	13.1	10.3	15.5



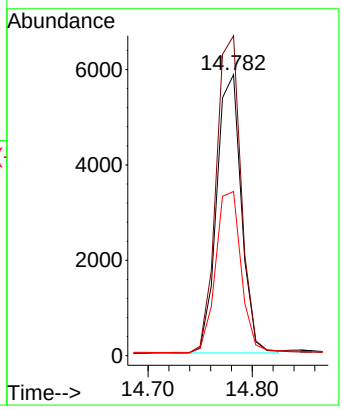


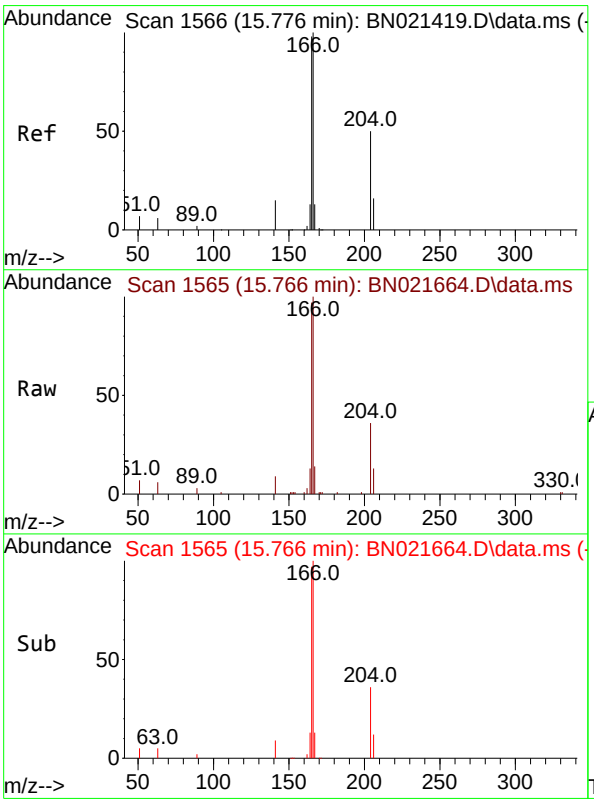
#17
Acenaphthene
Concen: 0.395 ng
RT: 14.782 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN021664.D
Acq: 09 Sep 2022 17:06

Instrument :
BNA_N
ClientSampleId :
PB147412BS

Tgt Ion:154 Resp: 9606

Ion	Ratio	Lower	Upper
154	100		
153	116.0	89.5	134.3
152	61.0	45.5	68.3

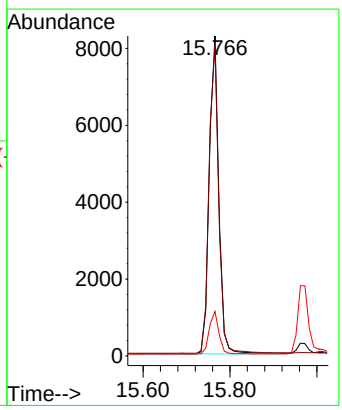


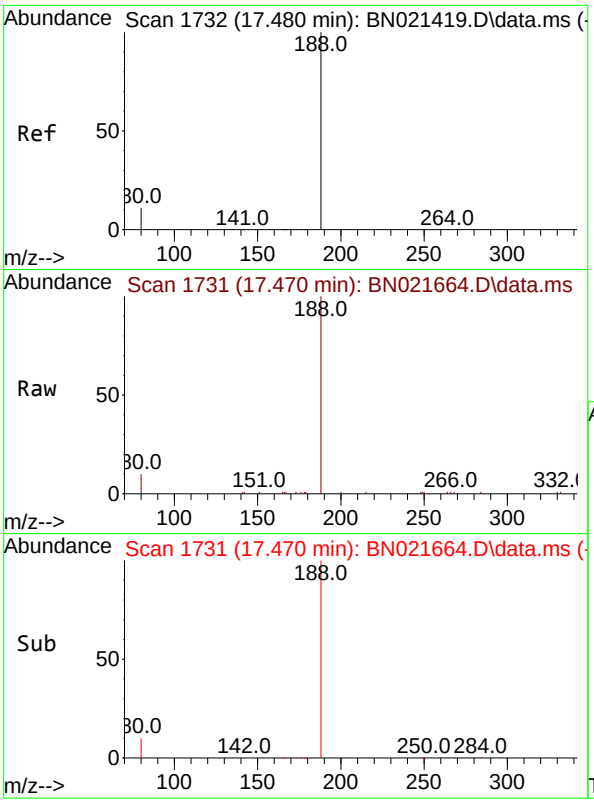


#18
Fluorene
Concen: 0.414 ng
RT: 15.766 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BN021664.D
Acq: 09 Sep 2022 17:06

Tgt Ion:166 Resp: 12398

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





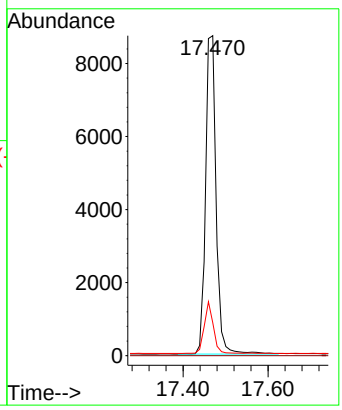
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.470 min Scan# 1

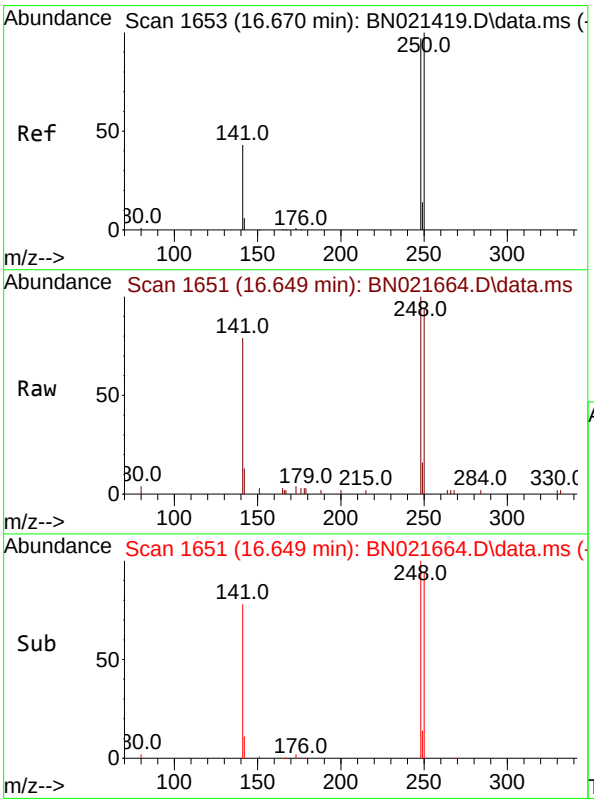
Instrument :
BNA_N
ClientSampleId :
PB147412BS

Delta R.T. 0.000 min
Lab File: BN021664.D
Acq: 09 Sep 2022 17:06

Tgt Ion:188 Resp: 15035

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.3	9.5	14.3

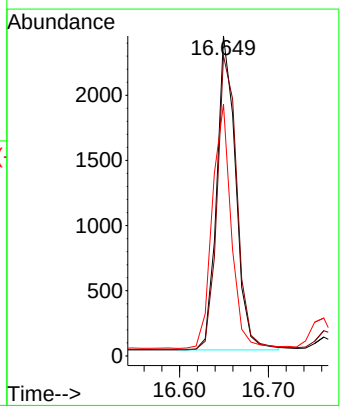


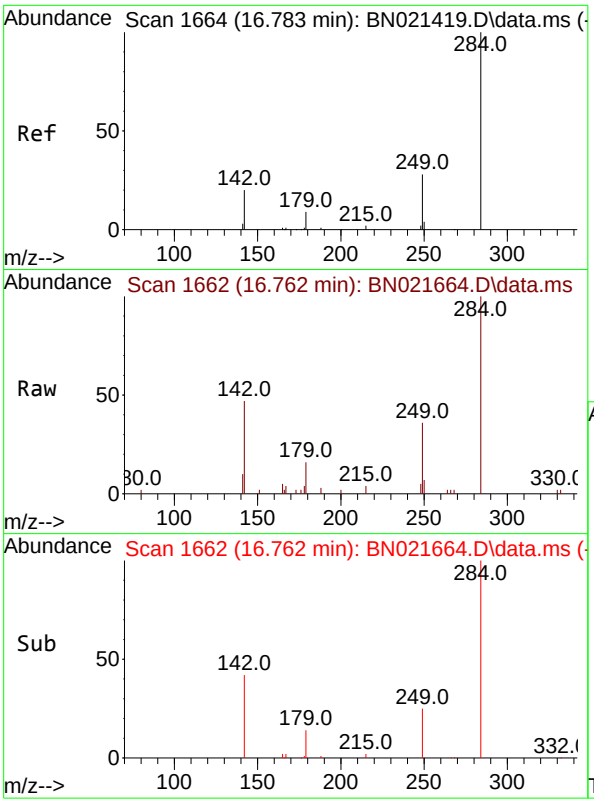


#21
4-Bromophenyl-phenylether
Concen: 0.380 ng
RT: 16.649 min Scan# 1651
Delta R.T. 0.000 min
Lab File: BN021664.D
Acq: 09 Sep 2022 17:06

Tgt Ion:248 Resp: 3576

Ion	Ratio	Lower	Upper
248	100		
250	93.8	81.8	122.6
141	78.7	38.5	57.7#



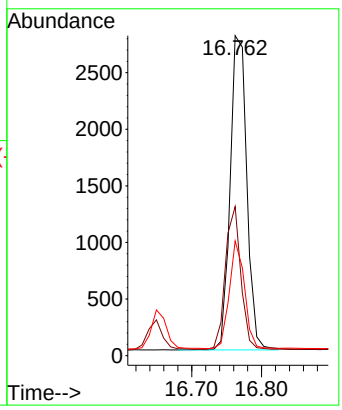


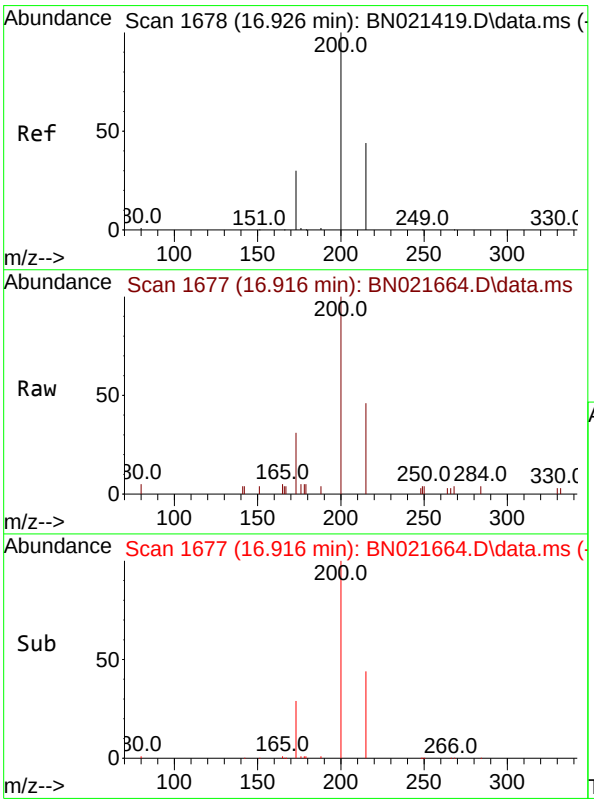
#22
Hexachlorobenzene
Concen: 0.398 ng
RT: 16.762 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021664.D
Acq: 09 Sep 2022 17:06

Instrument :
BNA_N
ClientSampleId :
PB147412BS

Tgt Ion:284 Resp: 4584

Ion	Ratio	Lower	Upper
284	100		
142	42.2	32.3	48.5
249	31.2	25.4	38.2

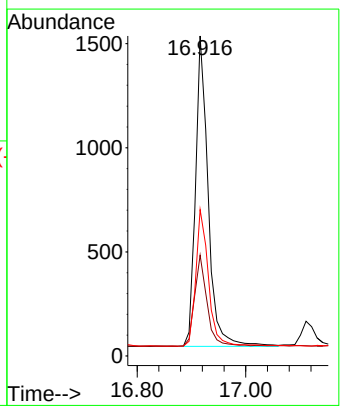


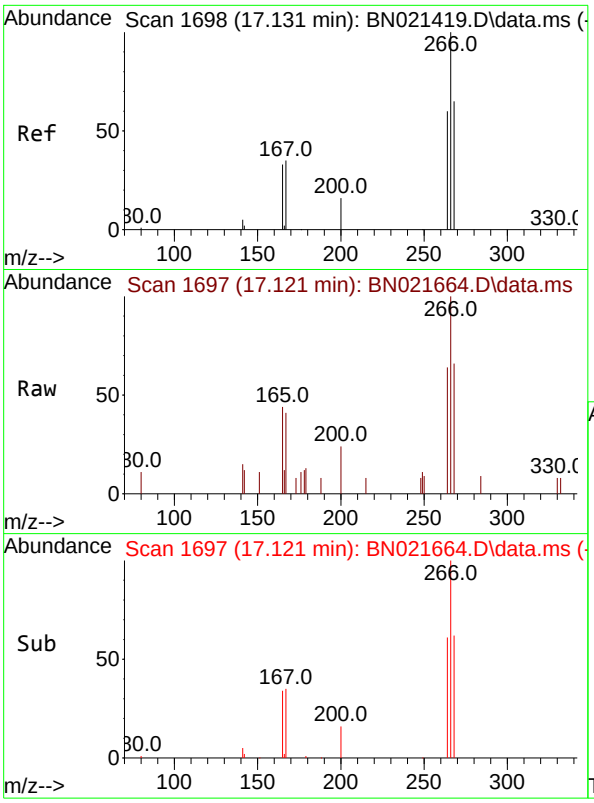


#23
Atrazine
Concen: 0.442 ng
RT: 16.916 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BN021664.D
Acq: 09 Sep 2022 17:06

Tgt Ion:200 Resp: 2425

Ion	Ratio	Lower	Upper
200	100		
173	31.5	24.3	36.5
215	45.7	38.4	57.6



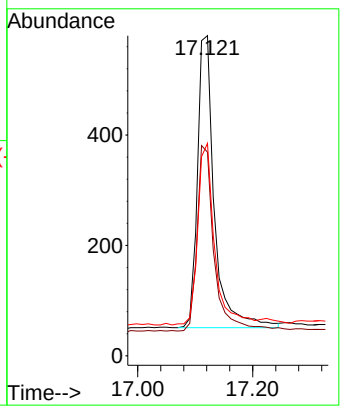


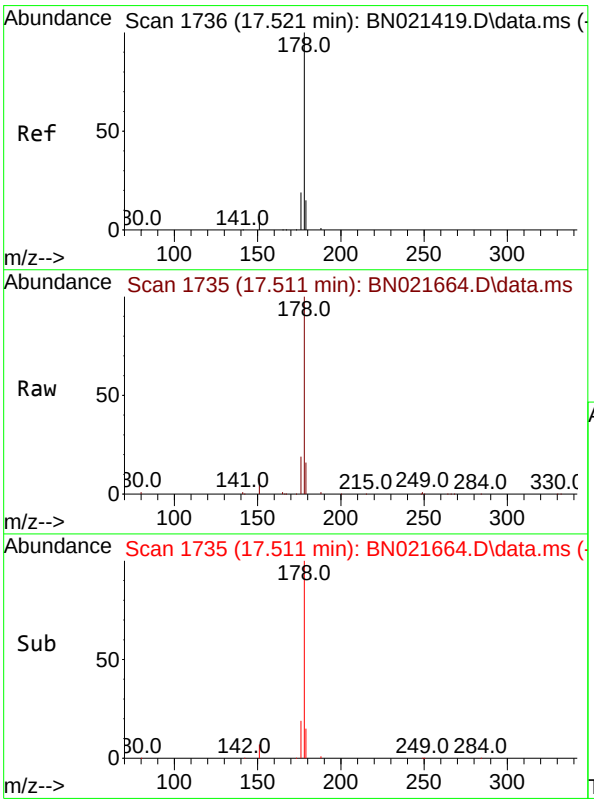
#24
Pentachlorophenol
Concen: 0.516 ng
RT: 17.121 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021664.D
Acq: 09 Sep 2022 17:06

Instrument :
BNA_N
ClientSampleId :
PB147412BS

Tgt Ion:266 Resp: 1084

Ion	Ratio	Lower	Upper
266	100		
264	64.8	49.0	73.6
268	61.7	50.9	76.3

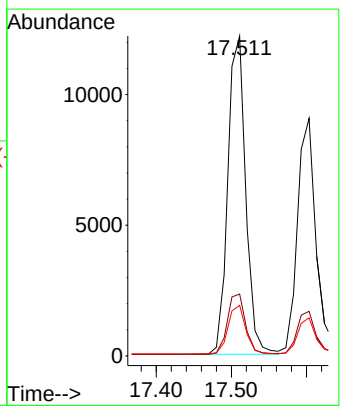


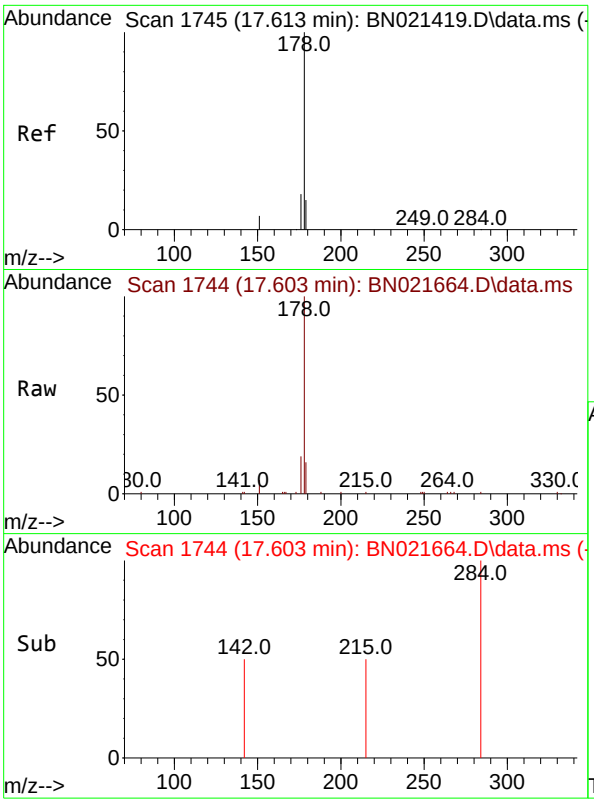


#25
Phenanthrene
Concen: 0.388 ng
RT: 17.511 min Scan# 1735
Delta R.T. 0.000 min
Lab File: BN021664.D
Acq: 09 Sep 2022 17:06

Tgt Ion:178 Resp: 20110

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.3	12.2	18.4



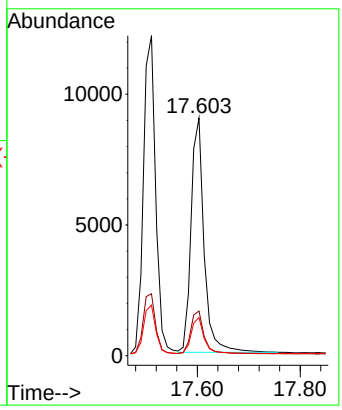


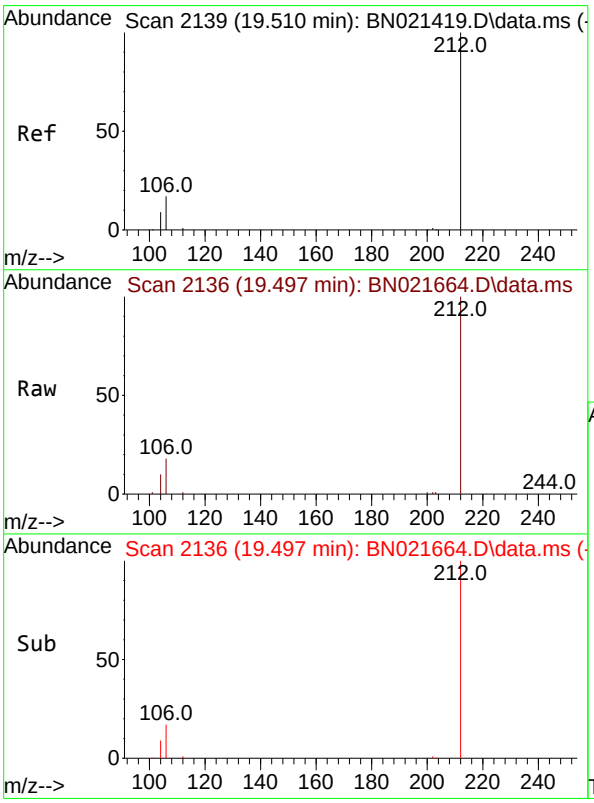
#26
Anthracene
Concen: 0.381 ng
RT: 17.603 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021664.D
Acq: 09 Sep 2022 17:06

Instrument :
BNA_N
ClientSampleId :
PB147412BS

Tgt Ion:178 Resp: 15698

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.6	22.0
179	15.2	12.2	18.2

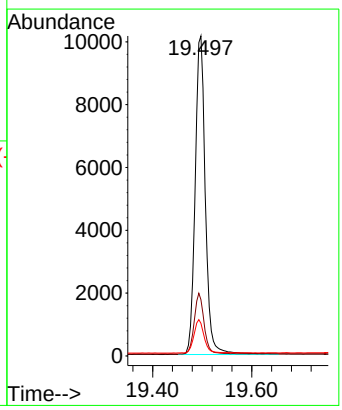


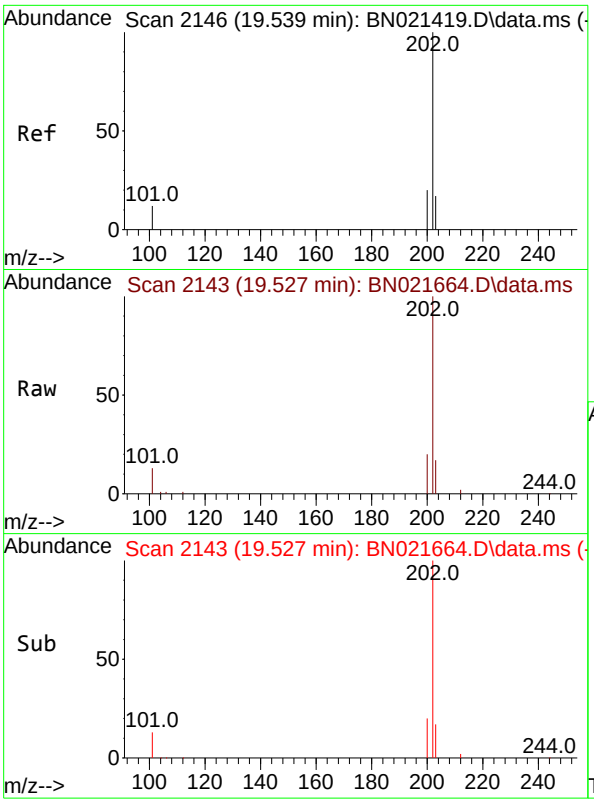


#27
Fluoranthene-d10
Concen: 0.376 ng
RT: 19.497 min Scan# 2136
Delta R.T. 0.000 min
Lab File: BN021664.D
Acq: 09 Sep 2022 17:06

Tgt Ion:212 Resp: 14539

Ion	Ratio	Lower	Upper
212	100		
106	18.5	14.2	21.2
104	10.4	7.8	11.6



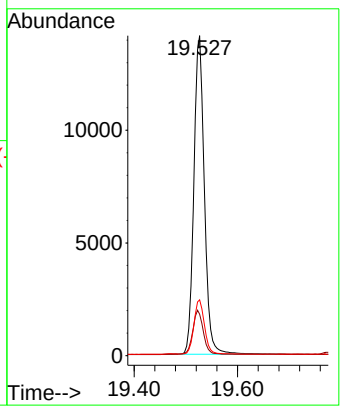


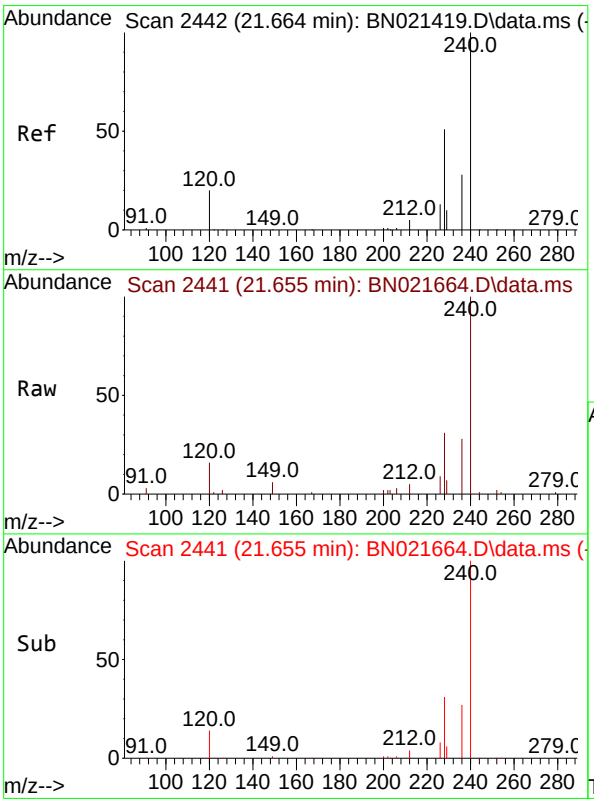
#28
Fluoranthene
Concen: 0.370 ng
RT: 19.527 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN021664.D
Acq: 09 Sep 2022 17:06

Instrument :
BNA_N
ClientSampleId :
PB147412BS

Tgt Ion:202 Resp: 19956

Ion	Ratio	Lower	Upper
202	100		
101	13.9	10.9	16.3
203	17.0	13.8	20.6

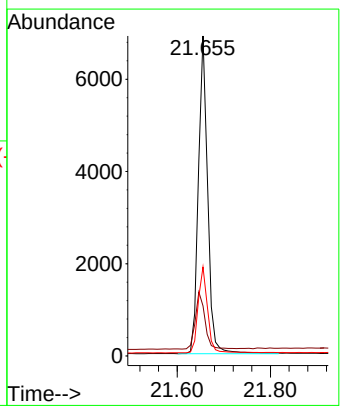


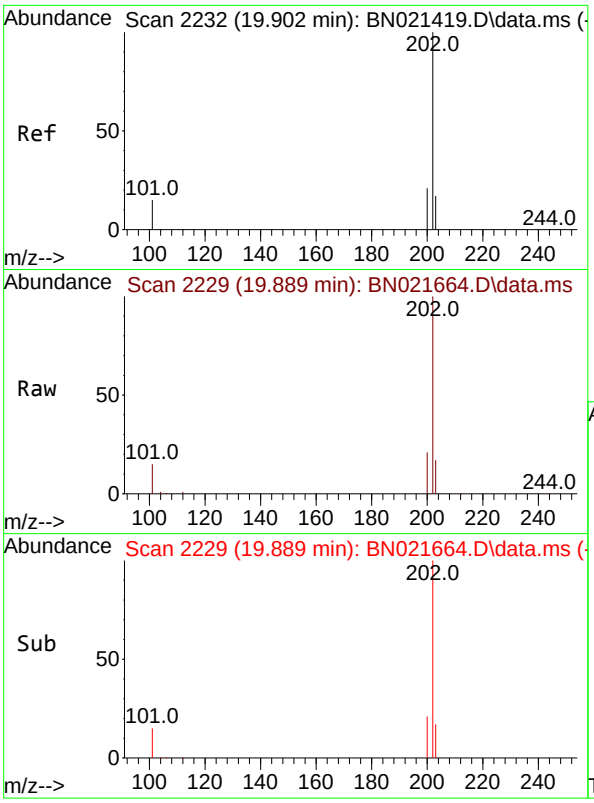


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.655 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BN021664.D
Acq: 09 Sep 2022 17:06

Tgt Ion:240 Resp: 9556

Ion	Ratio	Lower	Upper
240	100		
120	15.7	10.2	15.4#
236	27.8	22.1	33.1



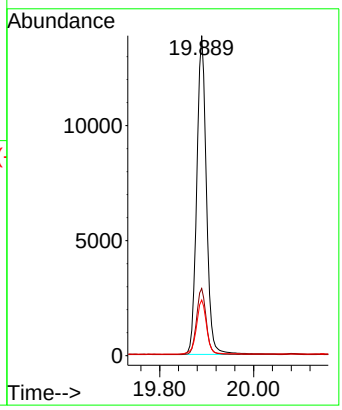


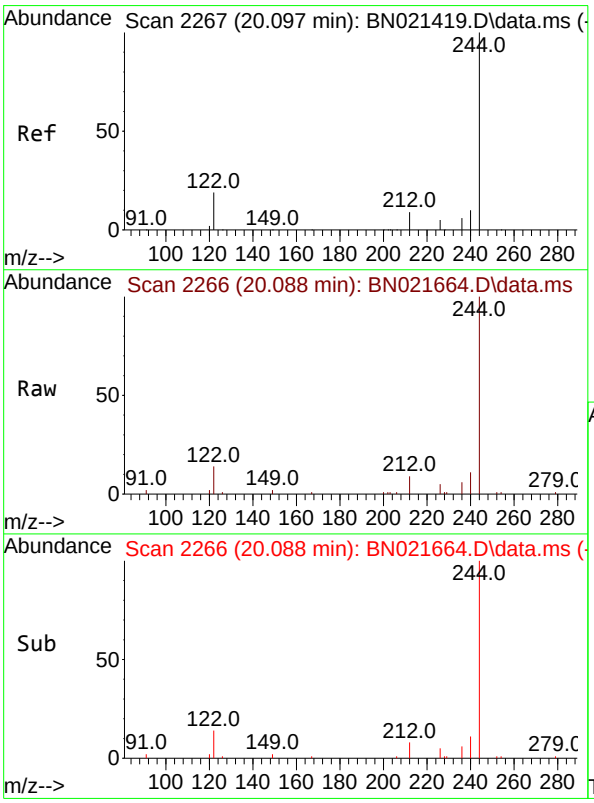
#30
Pyrene
Concen: 0.435 ng
RT: 19.889 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN021664.D
Acq: 09 Sep 2022 17:06

Instrument :
BNA_N
ClientSampleId :
PB147412BS

Tgt Ion:202 Resp: 22130

Ion	Ratio	Lower	Upper
202	100		
200	18.6	13.9	20.9
203	15.7	11.9	17.9

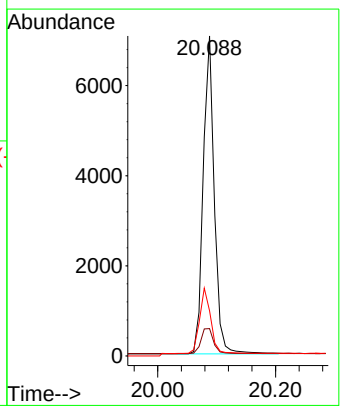


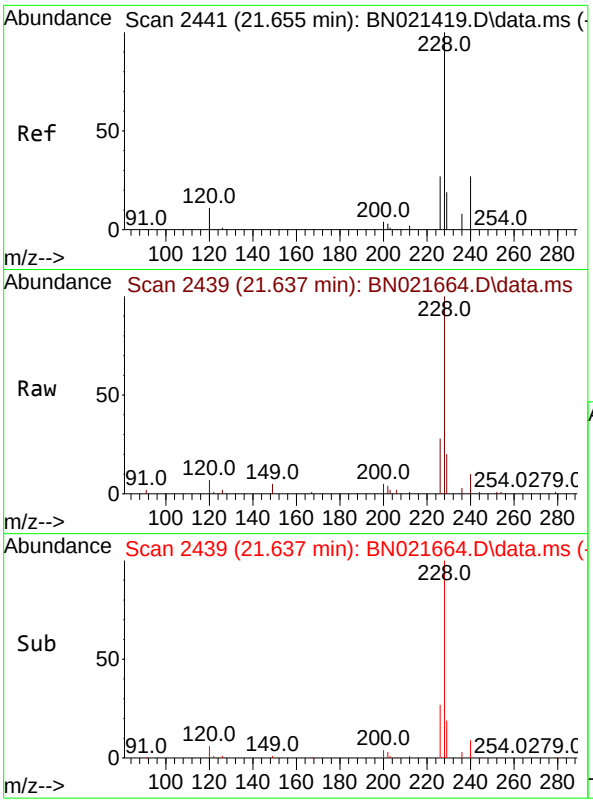


#31
Terphenyl-d14
Concen: 0.428 ng
RT: 20.088 min Scan# 2266
Delta R.T. 0.000 min
Lab File: BN021664.D
Acq: 09 Sep 2022 17:06

Tgt Ion:244 Resp: 9202

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.5	9.7
122	14.1	9.1	13.7#



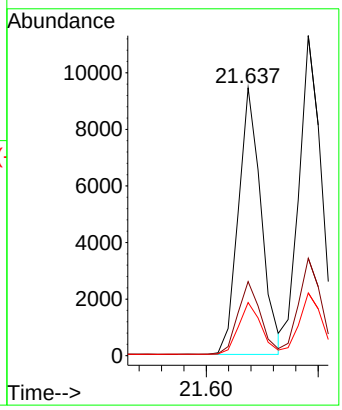


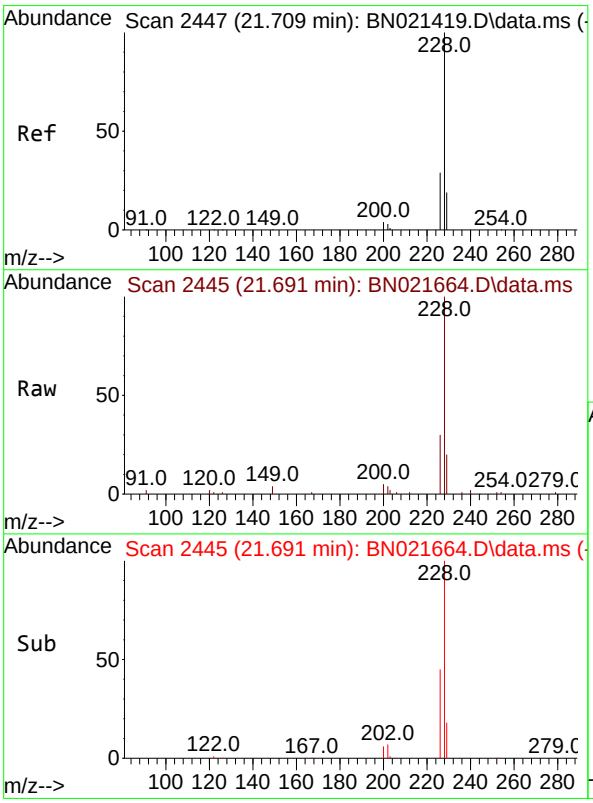
#32
Benzo(a)anthracene
Concen: 0.400 ng
RT: 21.637 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN021664.D
Acq: 09 Sep 2022 17:06

Instrument :
BNA_N
ClientSampleId :
PB147412BS

Tgt Ion:228 Resp: 13299

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.0	33.0
229	19.8	15.9	23.9

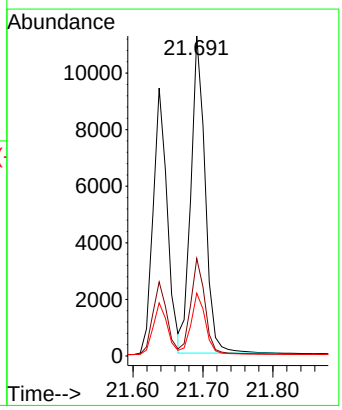


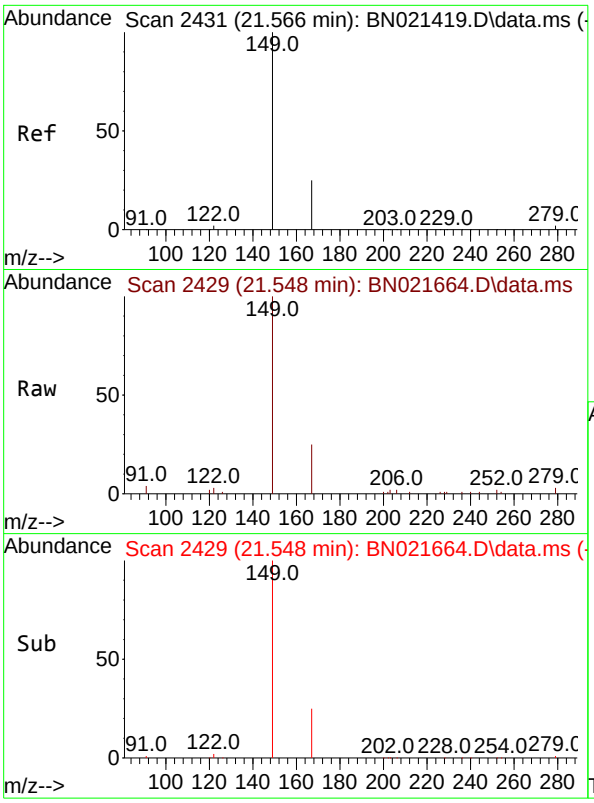


#33
Chrysene
Concen: 0.400 ng
RT: 21.691 min Scan# 2445
Delta R.T. 0.000 min
Lab File: BN021664.D
Acq: 09 Sep 2022 17:06

Tgt Ion:228 Resp: 15869

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.2	36.2
229	19.6	15.9	23.9



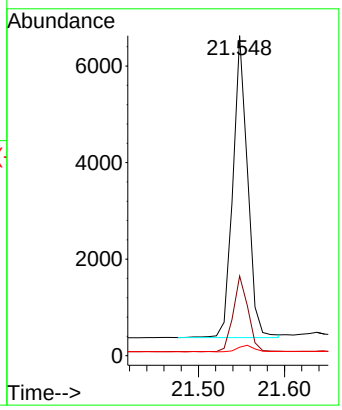


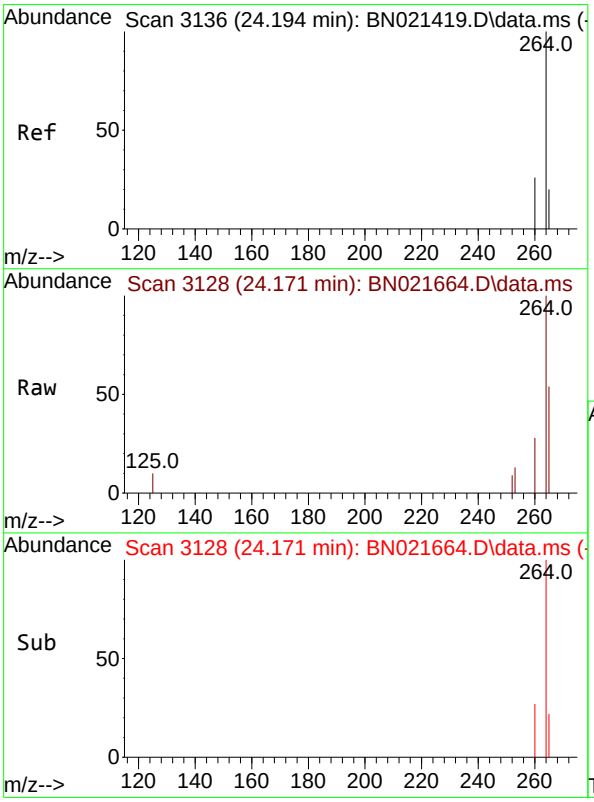
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.554 ng
RT: 21.548 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN021664.D
Acq: 09 Sep 2022 17:06

Instrument :
BNA_N
ClientSampleId :
PB147412BS

Tgt Ion:149 Resp: 7427

Ion	Ratio	Lower	Upper
149	100		
167	25.3	21.4	32.0
279	2.4	2.2	3.2

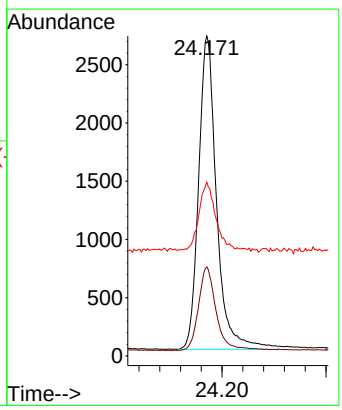


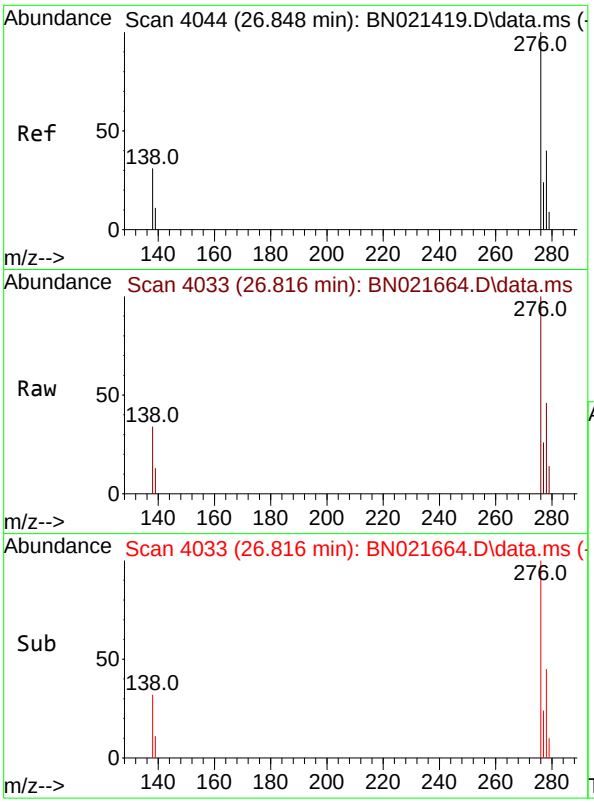


#35
Perylene-d12
Concen: 0.400 ng
RT: 24.171 min Scan# 3128
Delta R.T. -0.003 min
Lab File: BN021664.D
Acq: 09 Sep 2022 17:06

Tgt Ion:264 Resp: 6460

Ion	Ratio	Lower	Upper
264	100		
260	27.9	21.0	31.6
265	54.3	32.2	48.2#



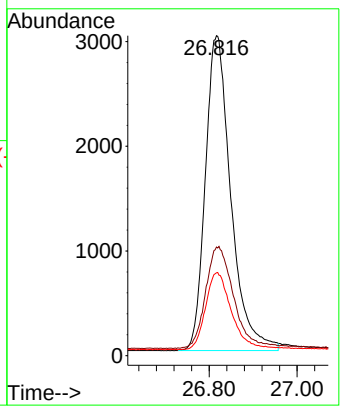


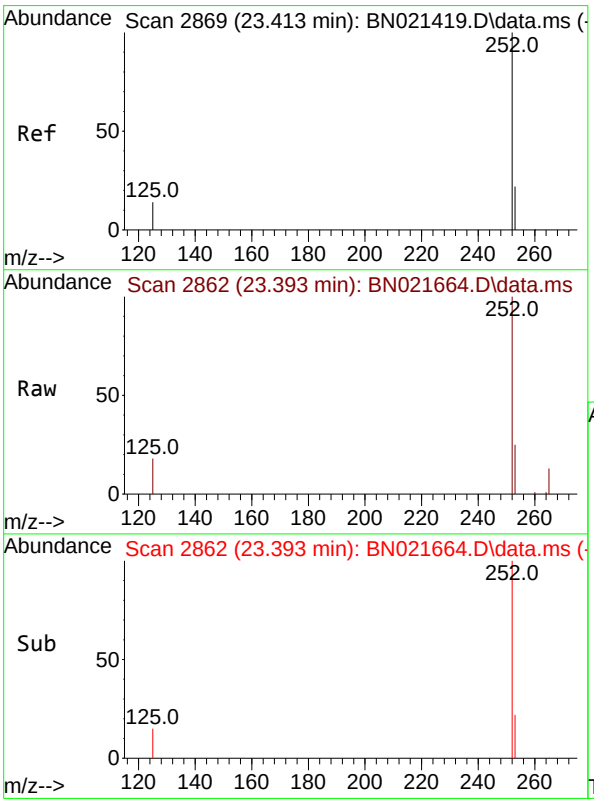
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.416 ng
RT: 26.816 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN021664.D
Acq: 09 Sep 2022 17:06

Instrument :
BNA_N
ClientSampleId :
PB147412BS

Tgt Ion:276 Resp: 12140

Ion	Ratio	Lower	Upper
276	100		
138	35.1	27.4	41.2
277	25.0	19.9	29.9

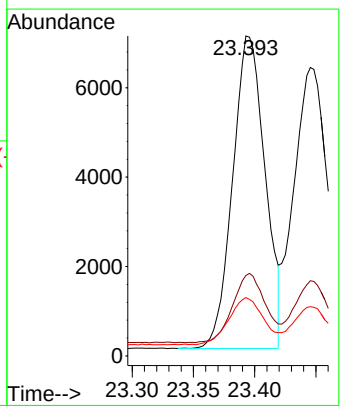


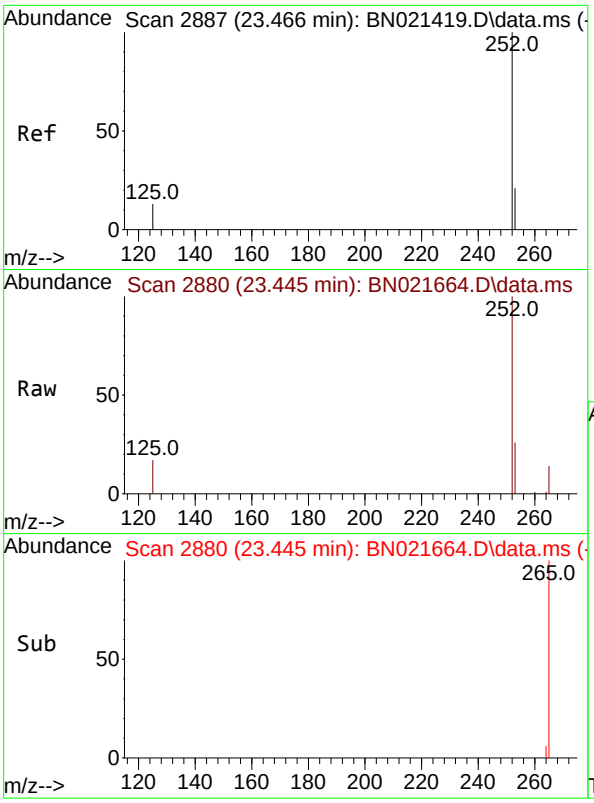


#37
Benzo(b)fluoranthene
Concen: 0.403 ng
RT: 23.393 min Scan# 2862
Delta R.T. -0.003 min
Lab File: BN021664.D
Acq: 09 Sep 2022 17:06

Tgt Ion:252 Resp: 12844

Ion	Ratio	Lower	Upper
252	100		
253	25.1	19.8	29.6
125	18.3	13.7	20.5



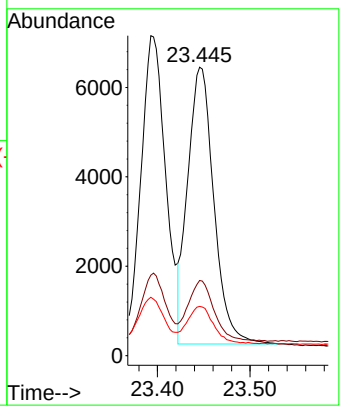


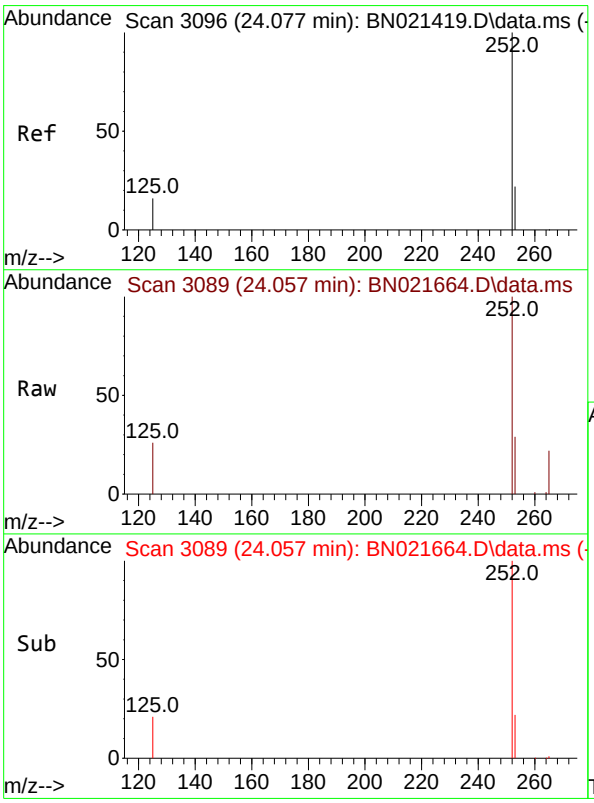
#38
Benzo(k)fluoranthene
Concen: 0.380 ng
RT: 23.445 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN021664.D
Acq: 09 Sep 2022 17:06

Instrument :
BNA_N
ClientSampleId :
PB147412BS

Tgt Ion:252 Resp: 12168

Ion	Ratio	Lower	Upper
252	100		
253	26.1	19.5	29.3
125	17.1	12.3	18.5

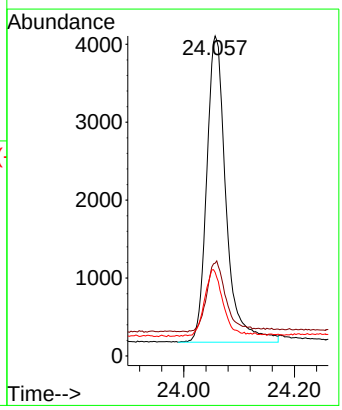


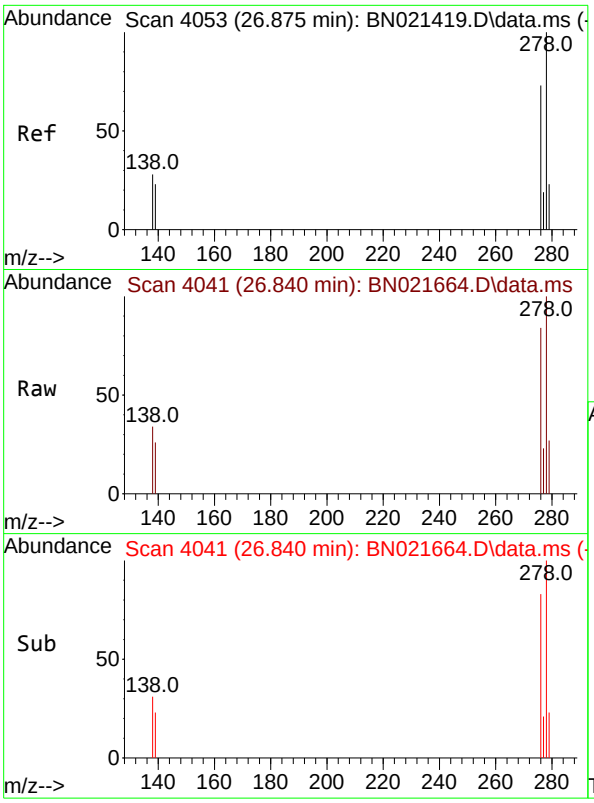


#39
Benzo(a)pyrene
Concen: 0.429 ng
RT: 24.057 min Scan# 3089
Delta R.T. -0.003 min
Lab File: BN021664.D
Acq: 09 Sep 2022 17:06

Tgt Ion:252 Resp: 9540

Ion	Ratio	Lower	Upper
252	100		
253	29.0	21.1	31.7
125	26.1	16.6	25.0#



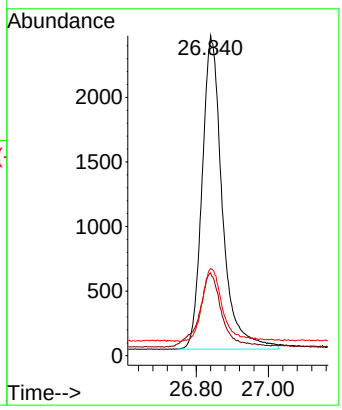


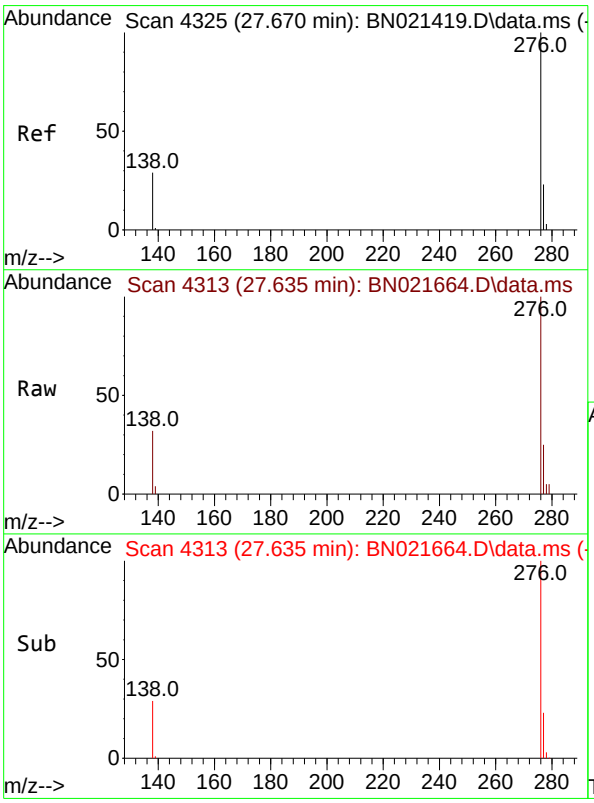
#40
Dibenzo(a,h)anthracene
Concen: 0.401 ng
RT: 26.840 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN021664.D
Acq: 09 Sep 2022 17:06

Instrument :
BNA_N
ClientSampleId :
PB147412BS

Tgt Ion:278 Resp: 9420

Ion	Ratio	Lower	Upper
278	100		
139	25.9	21.8	32.6
279	27.3	20.4	30.6





#41
Benzo(g,h,i)perylene
Concen: 0.398 ng
RT: 27.635 min Scan# 4313
Delta R.T. 0.003 min
Lab File: BN021664.D
Acq: 09 Sep 2022 17:06

Tgt Ion:276 Resp: 10245

Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.7	29.5
138	31.6	23.7	35.5