Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092922\
Data File : BN021954.D
Acq On : 29 Sep 2022 14:37
Operator : CG/JU
Sample : PB147964BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB147964BS

Quant Time: Sep 30 02:44:48 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 30 02:27:15 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.025	152	4005	0.400	ng		0.00
7) Naphthalene-d8	10.855	136	12340	0.400	ng		0.00
13) Acenaphthene-d10	14.686	164	6645	0.400	ng		0.00
19) Phenanthrene-d10	17.437	188	13153	0.400	ng		0.00
29) Chrysene-d12	21.636	240	9761	0.400	ng		0.00
35) Perylene-d12	24.132	264	7504	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.555	112	3851	0.361	ng		0.00
5) Phenol-d6	7.188	99	4852	0.360	ng		0.00
8) Nitrobenzene-d5	9.201	82	3932	0.381	ng		-0.01
11) 2-Methylnaphthalene-d10	12.448	152	10727	0.403	ng		0.00
14) 2,4,6-Tribromophenol	16.184	330	970	0.341	ng		0.00
15) 2-Fluorobiphenyl	13.317	172	11879	0.404	ng		0.00
27) Fluoranthene-d10	19.471	212	13262	0.372	ng		0.00
31) Terphenyl-d14	20.060	244	8808	0.408	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.382	88	2575	0.453	ng		99
3) n-Nitrosodimethylamine	3.721	42	2231	0.389	ng		99
6) bis(2-Chloroethyl)ether	7.448	93	5104	0.388	ng		98
9) Naphthalene	10.909	128	14829	0.399	ng		100
10) Hexachlorobutadiene	11.186	225	2701	0.418	ng	#	100
12) 2-Methylnaphthalene	12.157	142	2355	0.322	ng		99
16) Acenaphthylene	14.408	152	11558	0.374	ng		100
17) Acenaphthene	14.750	154	8835	0.400	ng		99
18) Fluorene	15.724	166	11036	0.399	ng		99
20) 4,6-Dinitro-2-methylph...	15.824	198	617	0.363	ng	#	11
21) 4-Bromophenyl-phenylether	16.618	248	3237	0.390	ng		98
22) Hexachlorobenzene	16.742	284	4096	0.425	ng		99
23) Atrazine	16.904	200	2214	0.325	ng	#	94
24) Pentachlorophenol	17.090	266	1224	0.366	ng		97
25) Phenanthrene	17.475	178	17929	0.398	ng		100
26) Anthracene	17.574	178	13621	0.371	ng		99
28) Fluoranthene	19.501	202	18141	0.375	ng		100
30) Pyrene	19.863	202	18903	0.419	ng		100
32) Benzo(a)anthracene	21.618	228	14081	0.372	ng		100
33) Chrysene	21.672	228	16421	0.415	ng		99
34) Bis(2-ethylhexyl)phtha...	21.529	149	7180	0.316	ng		100
36) Indeno(1,2,3-cd)pyrene	26.760	276	16486	0.415	ng		100
37) Benzo(b)fluoranthene	23.363	252	14933	0.428	ng		99
38) Benzo(k)fluoranthene	23.412	252	14325	0.421	ng		98
39) Benzo(a)pyrene	24.018	252	11506	0.432	ng		98
40) Dibenzo(a,h)anthracene	26.783	278	12695	0.400	ng		99
41) Benzo(g,h,i)perylene	27.567	276	14407	0.416	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092922\
Data File : BN021954.D
Acq On : 29 Sep 2022 14:37
Operator : CG/JU
Sample : PB147964BS
Misc :
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Instrument :
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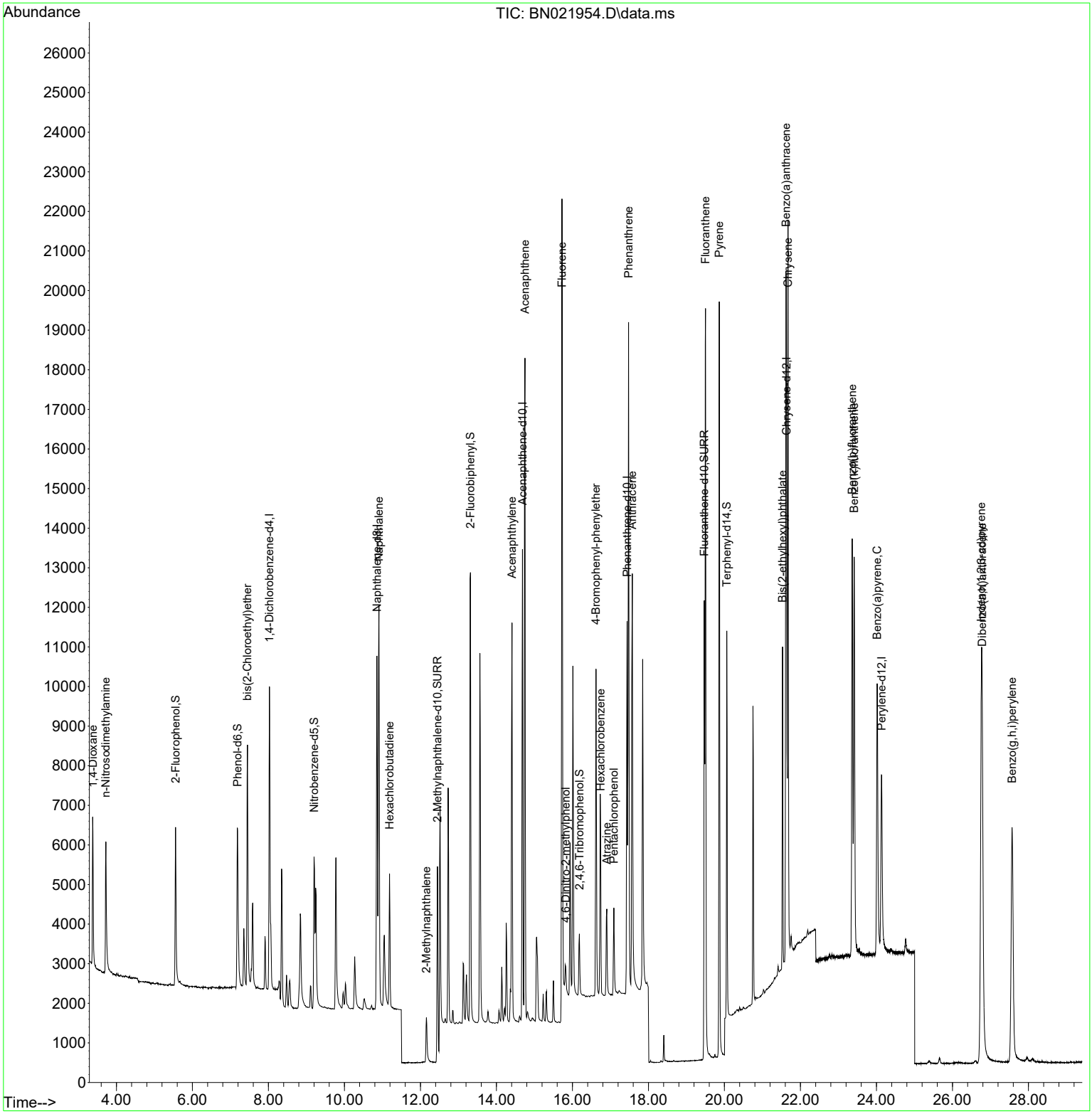
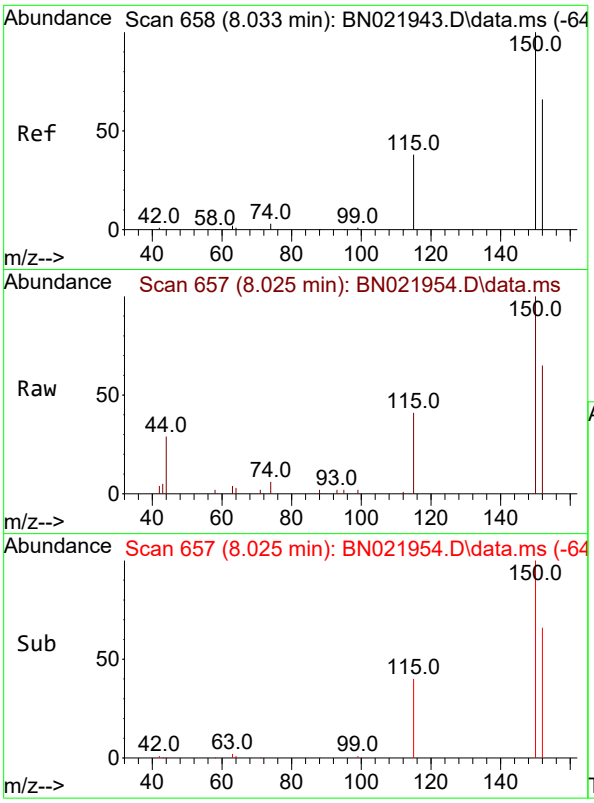
Quant Time: Sep 30 02:44:48 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 30 02:27:15 2022
Response via : Initial Calibration



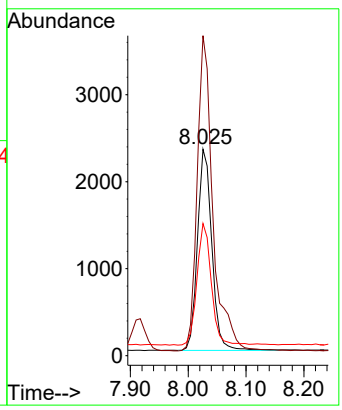


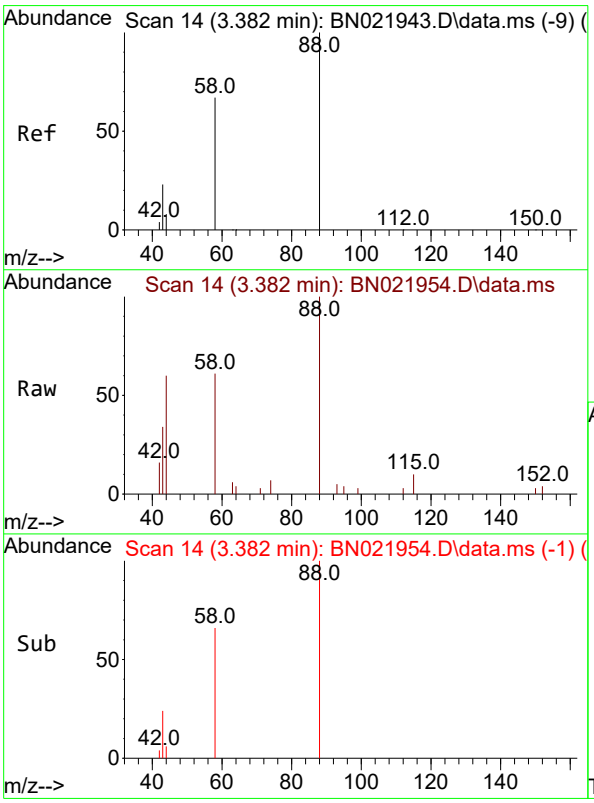
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.025 min Scan# 6
Delta R.T. -0.008 min
Lab File: BN021954.D
Acq: 29 Sep 2022 14:37

Instrument :
BNA_N
ClientSampleId :
PB147964BS

Tgt Ion:152 Resp: 4005

Ion	Ratio	Lower	Upper
152	100		
150	155.0	120.2	180.4
115	64.1	49.4	74.2

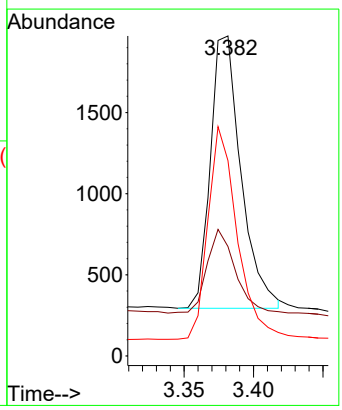


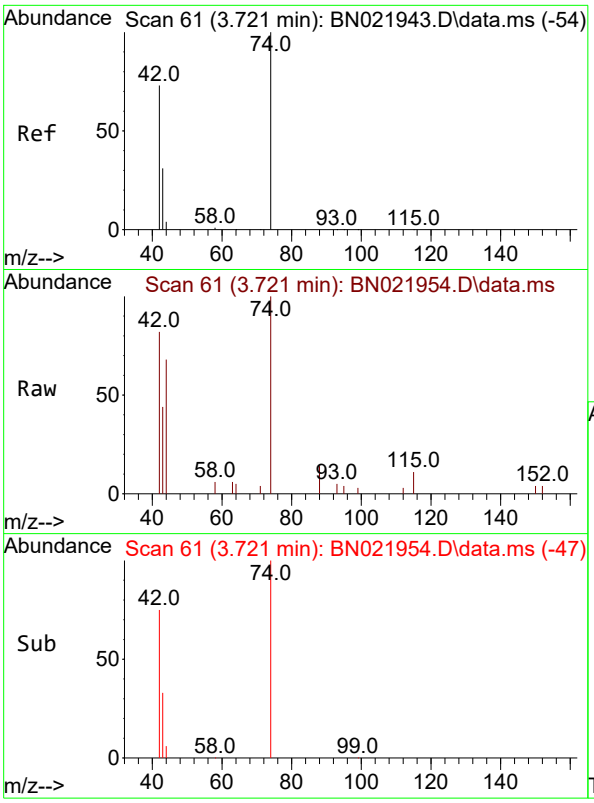


#2
1,4-Dioxane
Concen: 0.453 ng
RT: 3.382 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN021954.D
Acq: 29 Sep 2022 14:37

Tgt Ion: 88 Resp: 2575

Ion	Ratio	Lower	Upper
88	100		
43	28.4	23.8	35.6
58	74.5	59.8	89.8



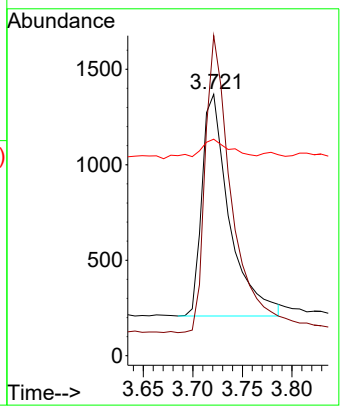


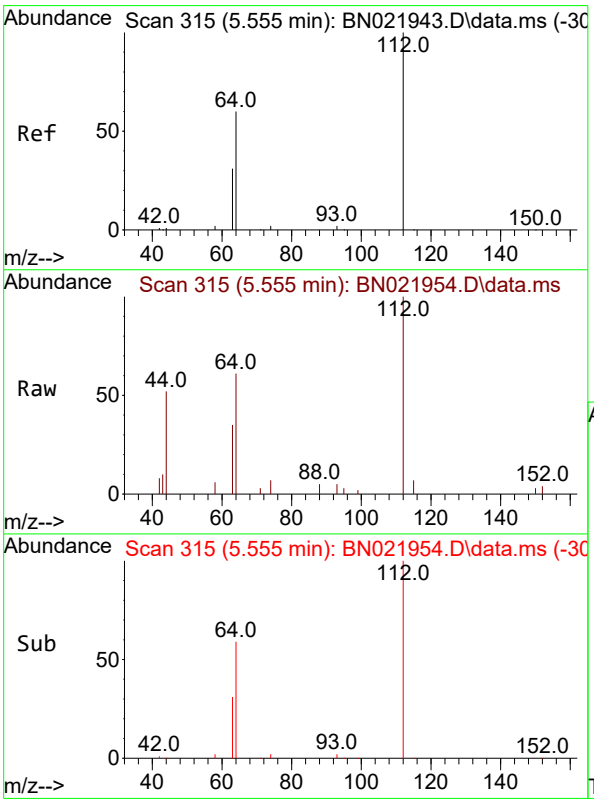
#3
n-Nitrosodimethylamine
Concen: 0.389 ng
RT: 3.721 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN021954.D
Acq: 29 Sep 2022 14:37

Instrument :
BNA_N
ClientSampleId :
PB147964BS

Tgt Ion: 42 Resp: 2231

Ion	Ratio	Lower	Upper
42	100		
74	129.5	105.0	157.4
44	10.4	9.0	13.4

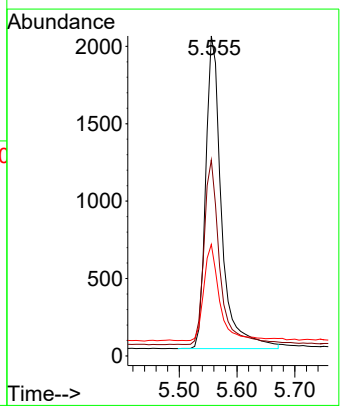


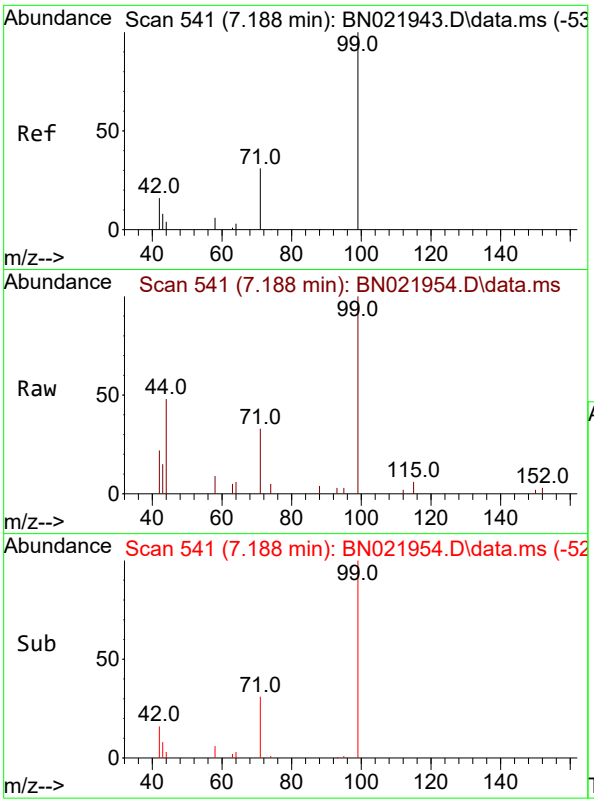


#4
2-Fluorophenol
Concen: 0.361 ng
RT: 5.555 min Scan# 315
Delta R.T. 0.000 min
Lab File: BN021954.D
Acq: 29 Sep 2022 14:37

Tgt Ion:112 Resp: 3851

Ion	Ratio	Lower	Upper
112	100		
64	58.8	45.9	68.9
63	30.4	24.0	36.0



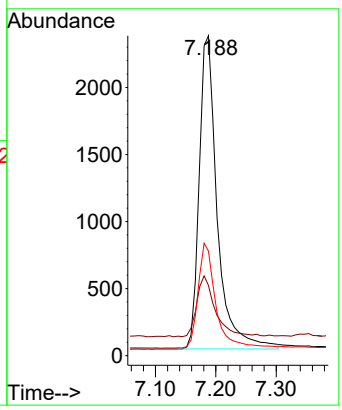


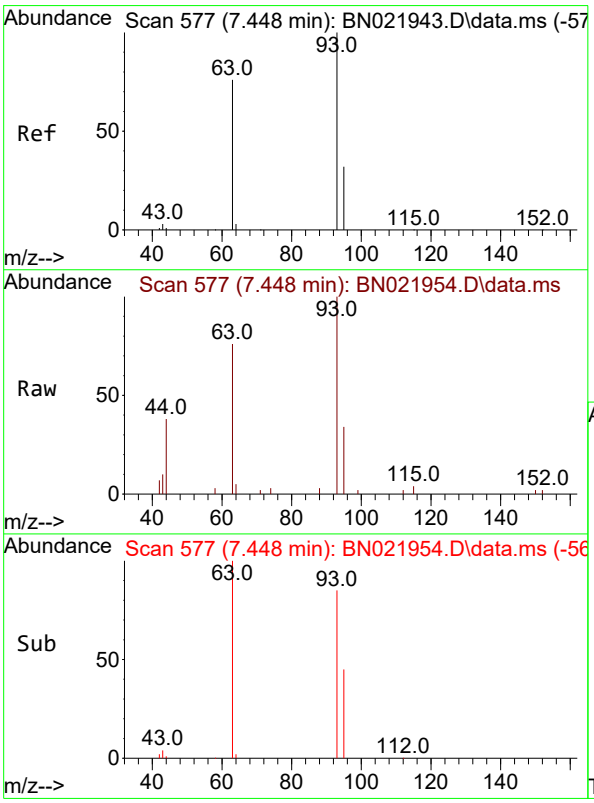
#5
Phenol-d6
Concen: 0.360 ng
RT: 7.188 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN021954.D
Acq: 29 Sep 2022 14:37

Instrument :
BNA_N
ClientSampleId :
PB147964BS

Tgt Ion: 99 Resp: 4852

Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.9	23.9
71	32.6	25.9	38.9

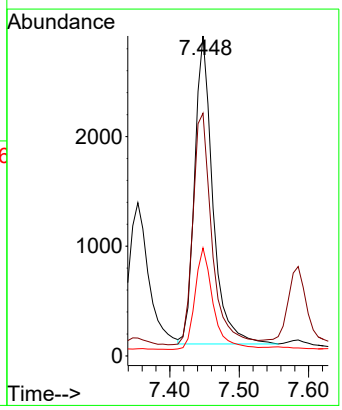


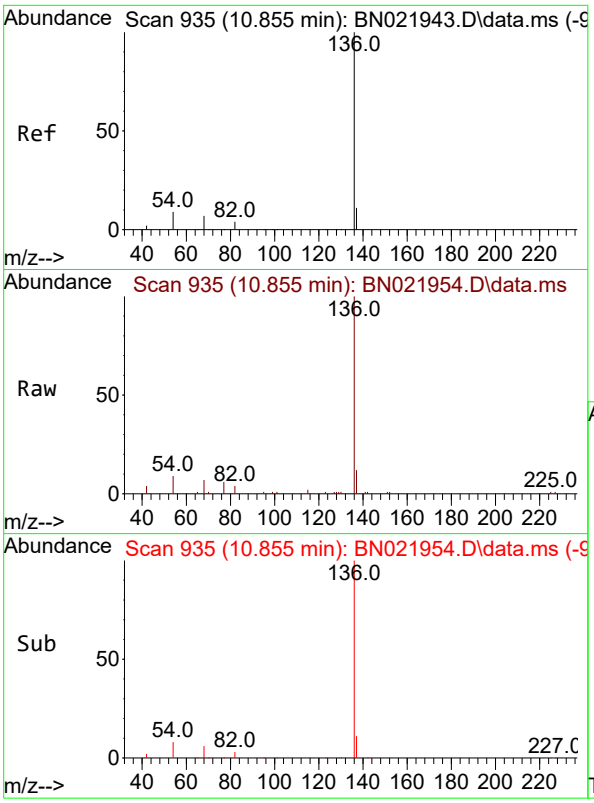


#6
bis(2-Chloroethyl)ether
Concen: 0.388 ng
RT: 7.448 min Scan# 577
Delta R.T. 0.000 min
Lab File: BN021954.D
Acq: 29 Sep 2022 14:37

Tgt Ion: 93 Resp: 5104

Ion	Ratio	Lower	Upper
93	100		
63	78.9	61.6	92.4
95	33.3	26.6	40.0



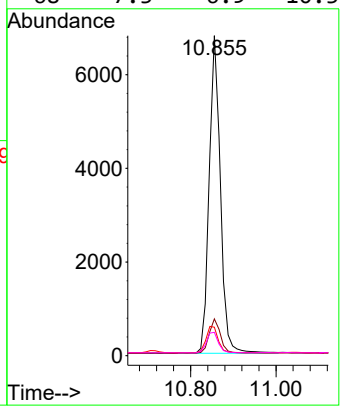


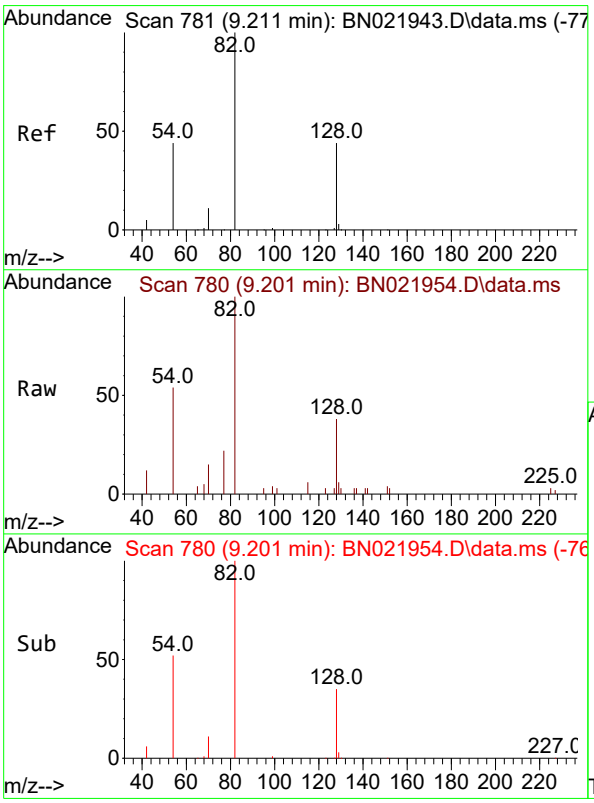
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.855 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN021954.D
Acq: 29 Sep 2022 14:37

Instrument :
BNA_N
ClientSampleId :
PB147964BS

Tgt Ion:136 Resp: 12340

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.4	14.2
54	8.9	7.8	11.8
68	7.3	6.9	10.3

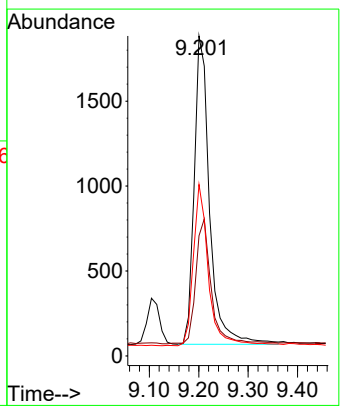


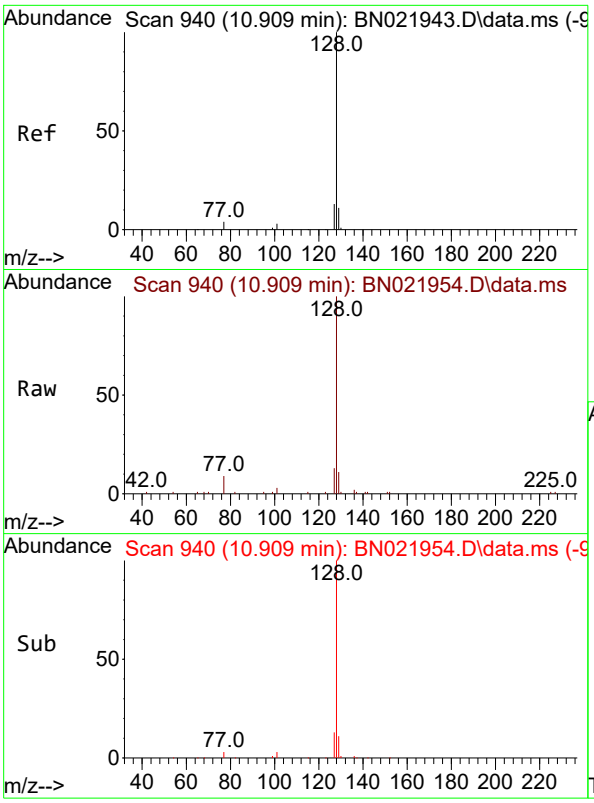


#8
Nitrobenzene-d5
Concen: 0.381 ng
RT: 9.201 min Scan# 780
Delta R.T. -0.011 min
Lab File: BN021954.D
Acq: 29 Sep 2022 14:37

Tgt Ion: 82 Resp: 3932

Ion	Ratio	Lower	Upper
82	100		
128	37.5	37.7	56.5#
54	53.6	37.1	55.7



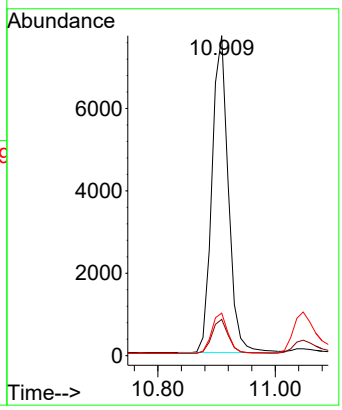


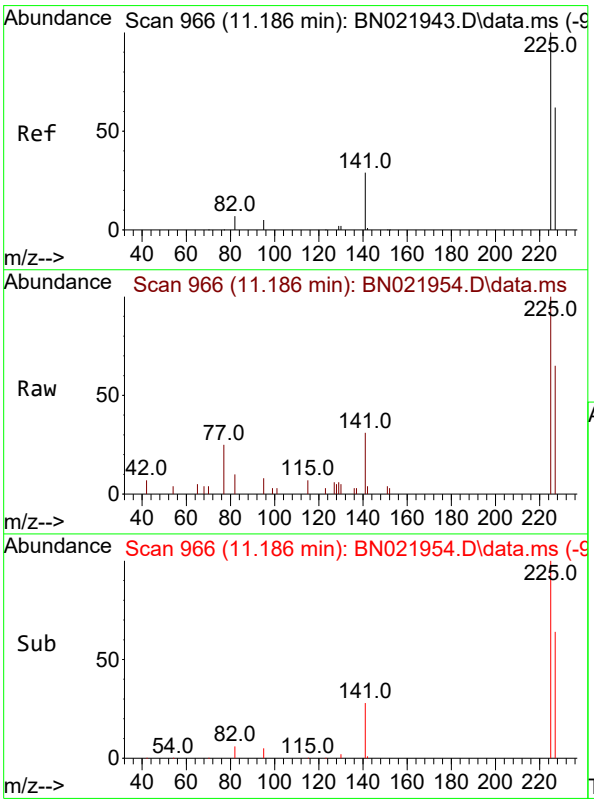
#9
Naphthalene
Concen: 0.399 ng
RT: 10.909 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN021954.D
Acq: 29 Sep 2022 14:37

Instrument :
BNA_N
ClientSampleId :
PB147964BS

Tgt Ion:128 Resp: 14829

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.0
127	13.3	10.6	16.0

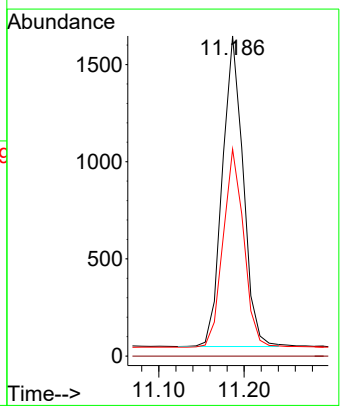


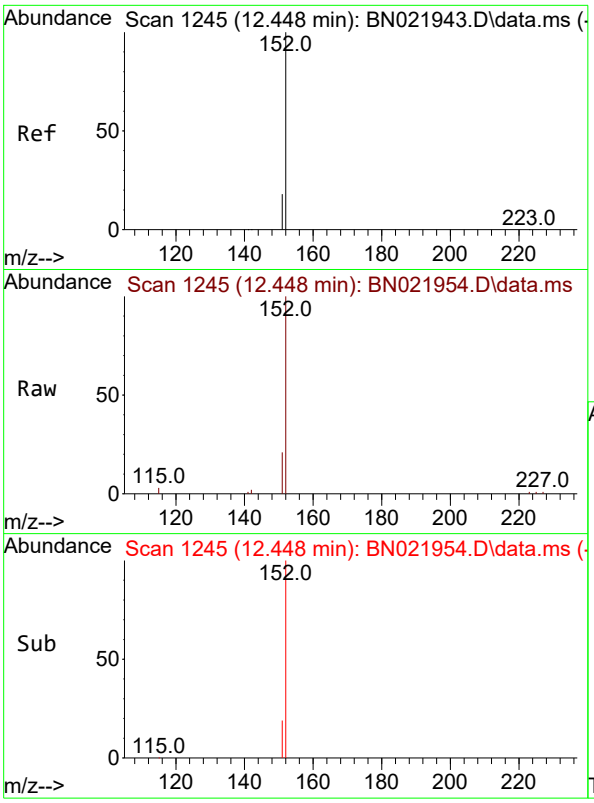


#10
Hexachlorobutadiene
Concen: 0.418 ng
RT: 11.186 min Scan# 966
Delta R.T. 0.000 min
Lab File: BN021954.D
Acq: 29 Sep 2022 14:37

Tgt Ion:225 Resp: 2701

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.1	50.5	75.7



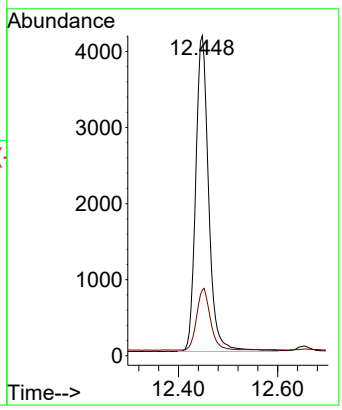


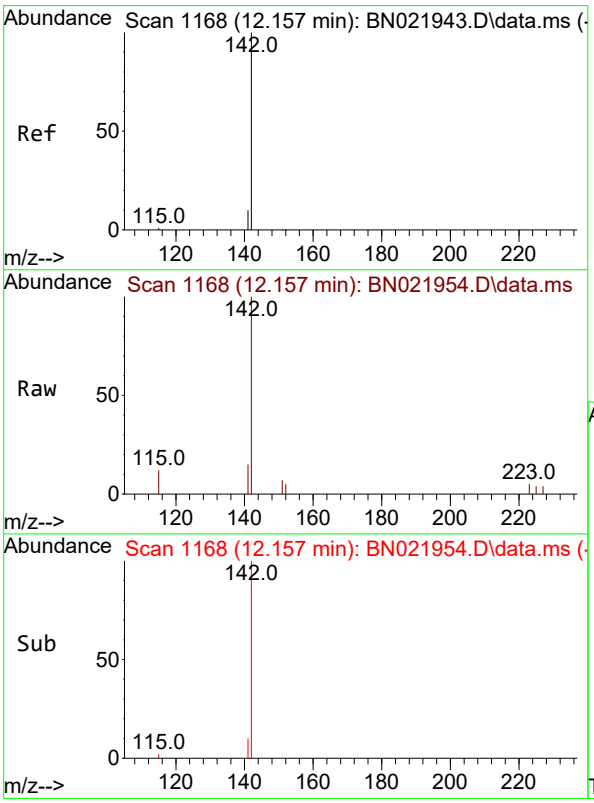
#11
2-Methylnaphthalene-d10
Concen: 0.403 ng
RT: 12.448 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021954.D
Acq: 29 Sep 2022 14:37

Instrument :
BNA_N
ClientSampleId :
PB147964BS

Tgt Ion:152 Resp: 10727

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5

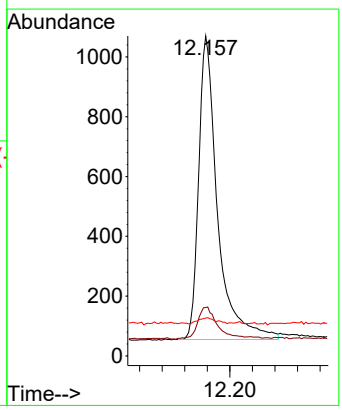


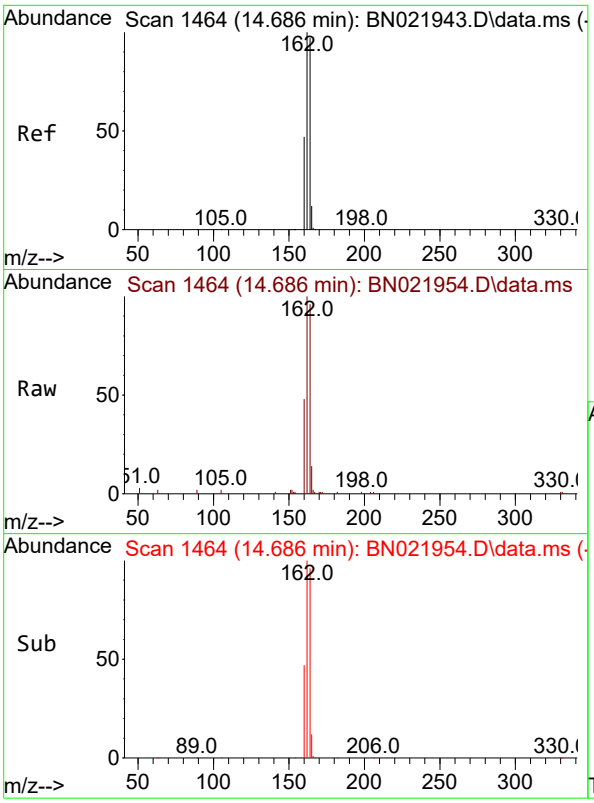


#12
2-Methylnaphthalene
Concen: 0.322 ng
RT: 12.157 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BN021954.D
Acq: 29 Sep 2022 14:37

Tgt Ion:142 Resp: 2355

Ion	Ratio	Lower	Upper
142	100		
141	15.1	12.7	19.1
115	11.9	9.6	14.4



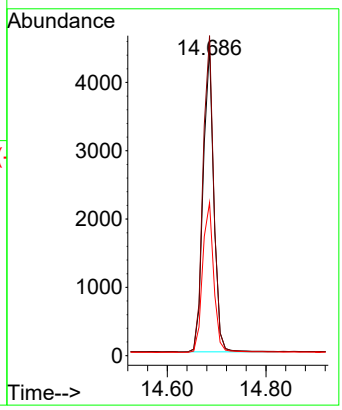


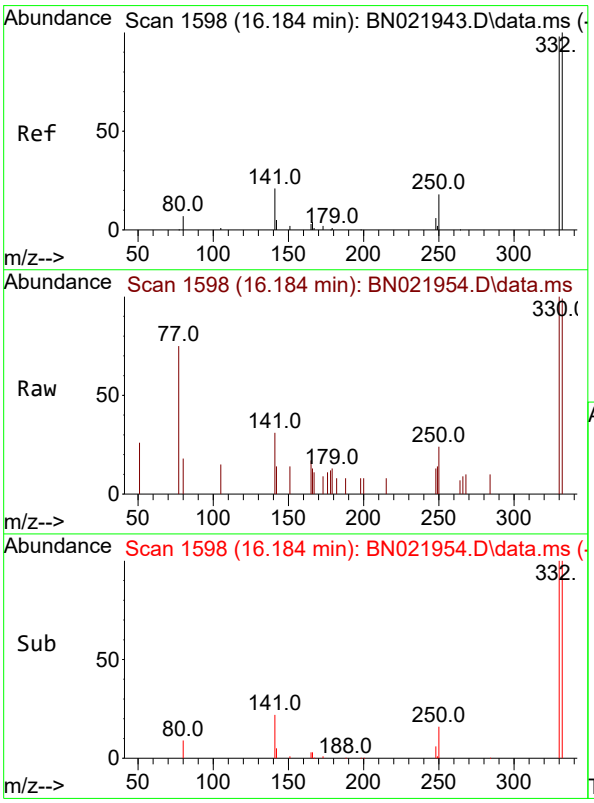
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.686 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN021954.D
Acq: 29 Sep 2022 14:37

Instrument :
BNA_N
ClientSampleId :
PB147964BS

Tgt Ion:164 Resp: 6645

Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.8	124.2
160	49.7	39.5	59.3

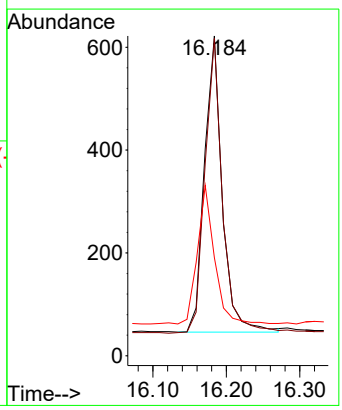


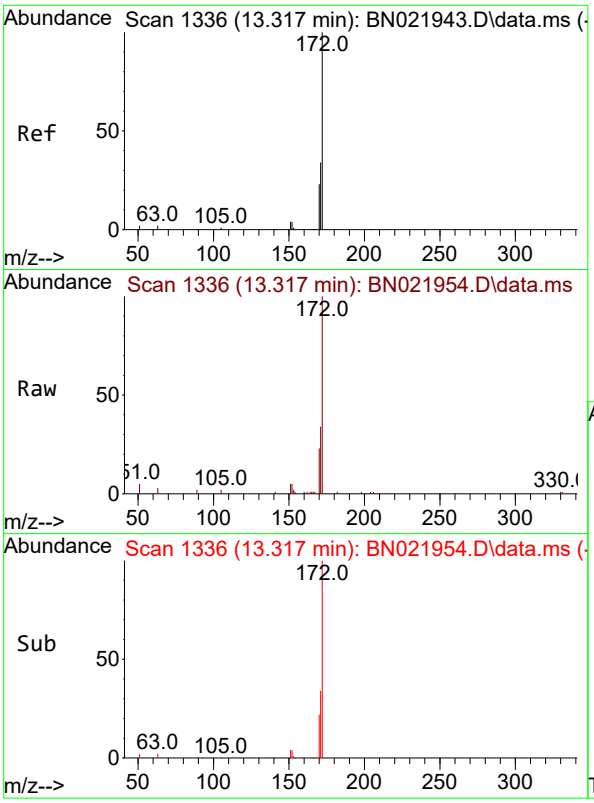


#14
2,4,6-Tribromophenol
Concen: 0.341 ng
RT: 16.184 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BN021954.D
Acq: 29 Sep 2022 14:37

Tgt Ion:330 Resp: 970

Ion	Ratio	Lower	Upper
330	100		
332	98.2	78.7	118.1
141	43.8	35.0	52.4



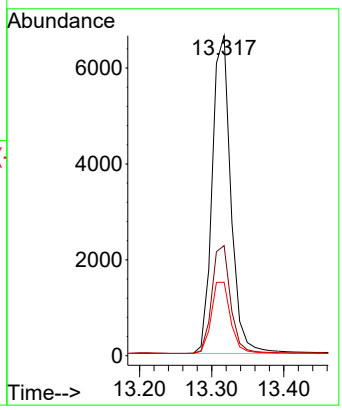


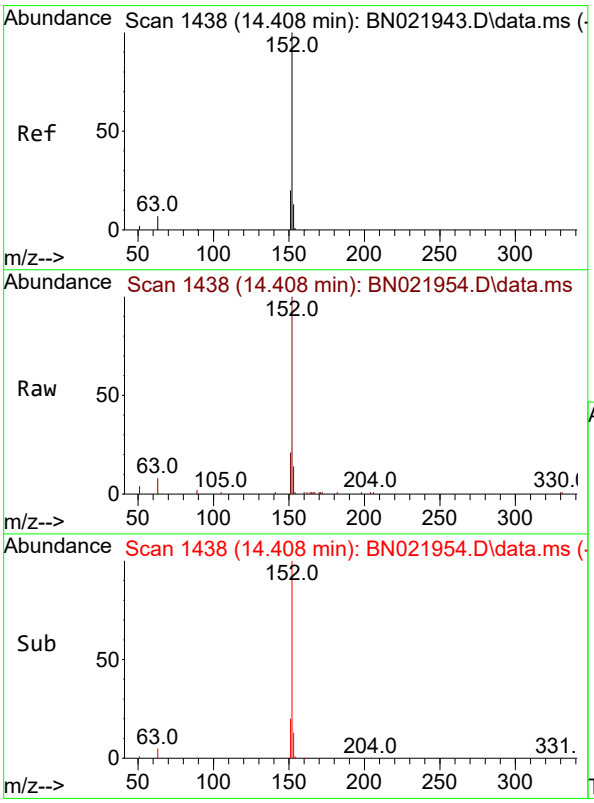
#15
2-Fluorobiphenyl
Concen: 0.404 ng
RT: 13.317 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021954.D
Acq: 29 Sep 2022 14:37

Instrument :
BNA_N
ClientSampleId :
PB147964BS

Tgt Ion:172 Resp: 11879

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.4	41.2
170	23.0	18.6	28.0

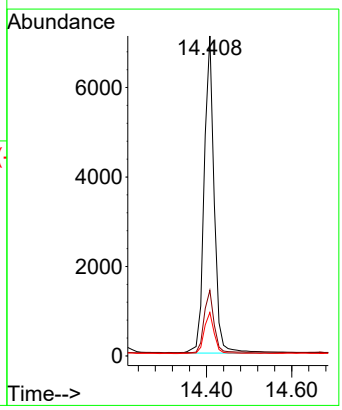


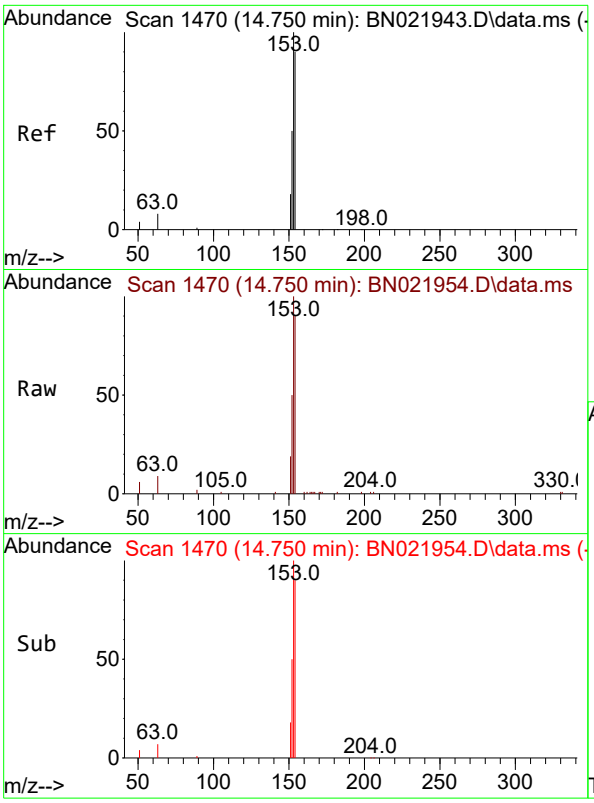


#16
Acenaphthylene
Concen: 0.374 ng
RT: 14.408 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BN021954.D
Acq: 29 Sep 2022 14:37

Tgt Ion:152 Resp: 11558

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.5	23.3
153	13.2	10.6	15.8



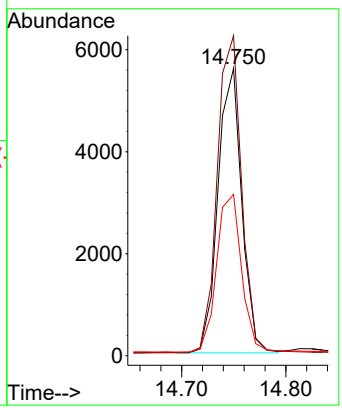


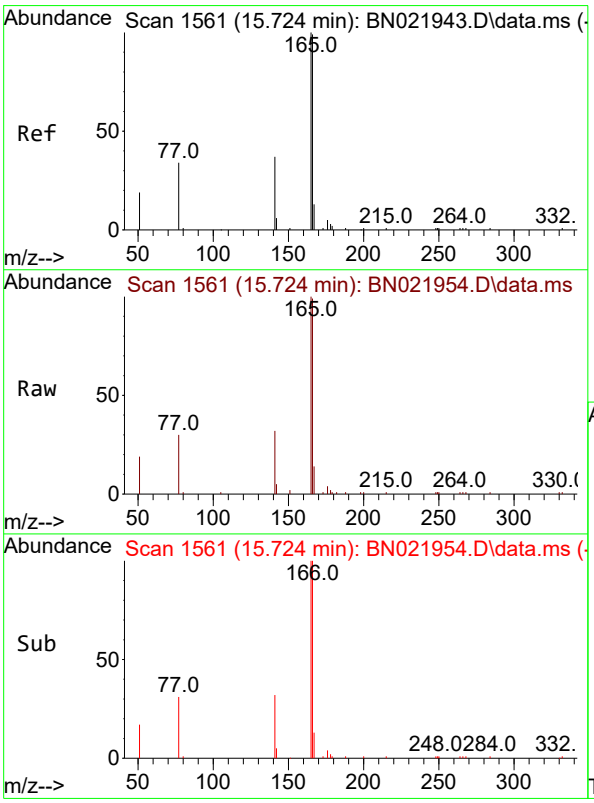
#17
Acenaphthene
Concen: 0.400 ng
RT: 14.750 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN021954.D
Acq: 29 Sep 2022 14:37

Instrument :
BNA_N
ClientSampleId :
PB147964BS

Tgt Ion:154 Resp: 8835

Ion	Ratio	Lower	Upper
154	100		
153	115.2	91.5	137.3
152	58.8	45.9	68.9

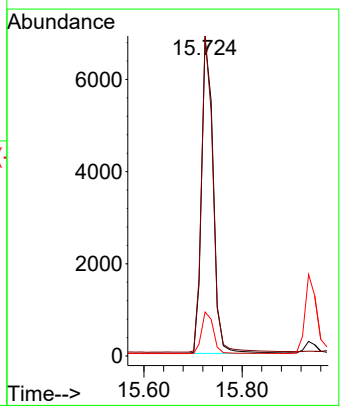


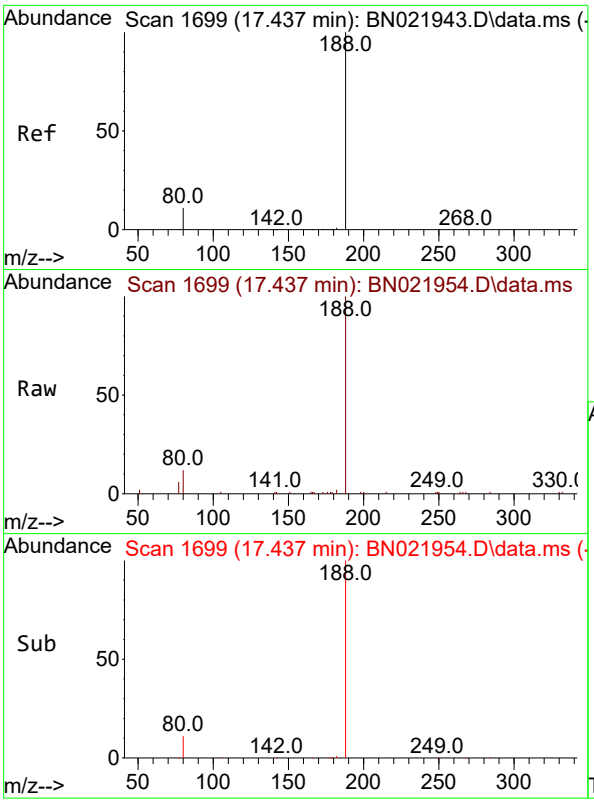


#18
Fluorene
Concen: 0.399 ng
RT: 15.724 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BN021954.D
Acq: 29 Sep 2022 14:37

Tgt Ion:166 Resp: 11036

Ion	Ratio	Lower	Upper
166	100		
165	99.5	78.9	118.3
167	13.4	10.3	15.5



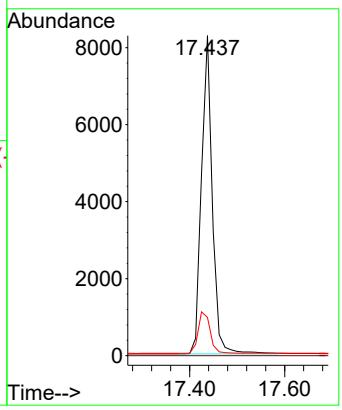


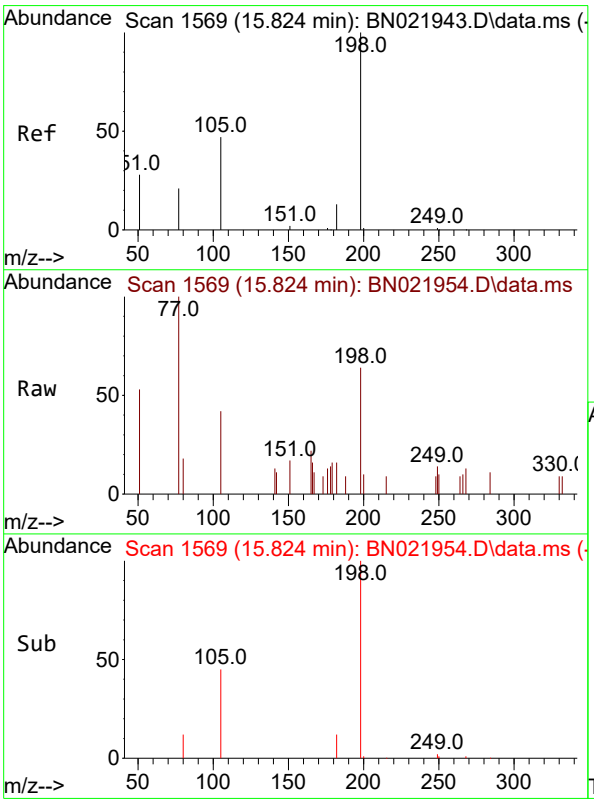
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.437 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021954.D
Acq: 29 Sep 2022 14:37

Instrument :
BNA_N
ClientSampleId :
PB147964BS

Tgt Ion:188 Resp: 13153

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.9	9.4	14.2

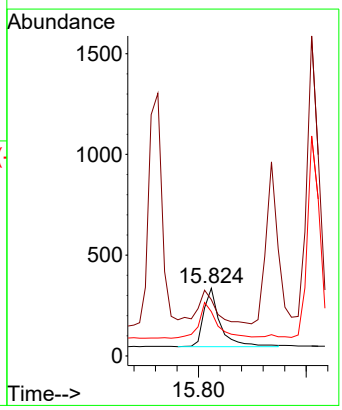


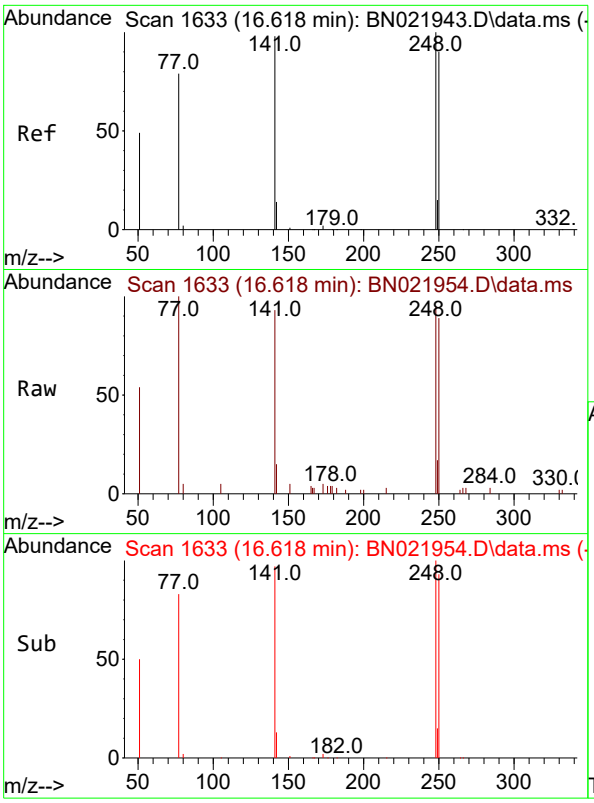


#20
4,6-Dinitro-2-methylphenol
Concen: 0.363 ng
RT: 15.824 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BN021954.D
Acq: 29 Sep 2022 14:37

Tgt Ion:198 Resp: 617

Ion	Ratio	Lower	Upper
198	100		
51	83.0	235.8	353.6#
105	65.5	61.2	91.8



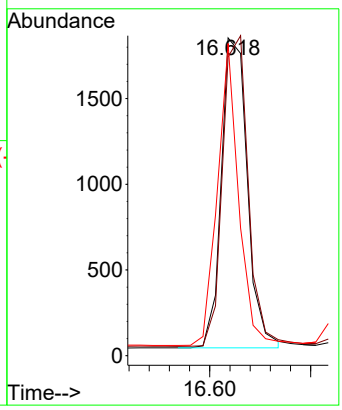


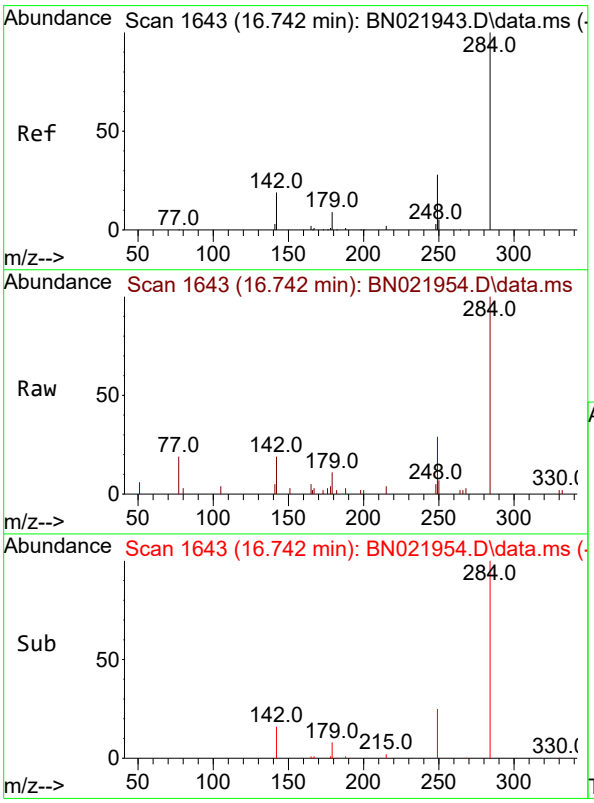
#21
4-Bromophenyl-phenylether
Concen: 0.390 ng
RT: 16.618 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021954.D
Acq: 29 Sep 2022 14:37

Instrument :
BNA_N
ClientSampleId :
PB147964BS

Tgt Ion:248 Resp: 3237

Ion	Ratio	Lower	Upper
248	100		
250	94.1	72.9	109.3
141	98.2	79.0	118.6

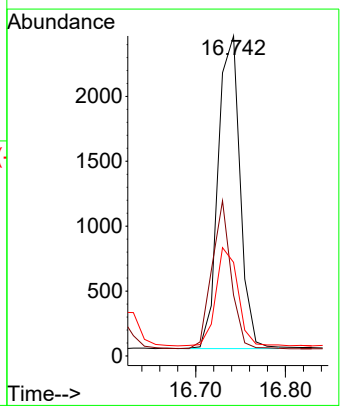


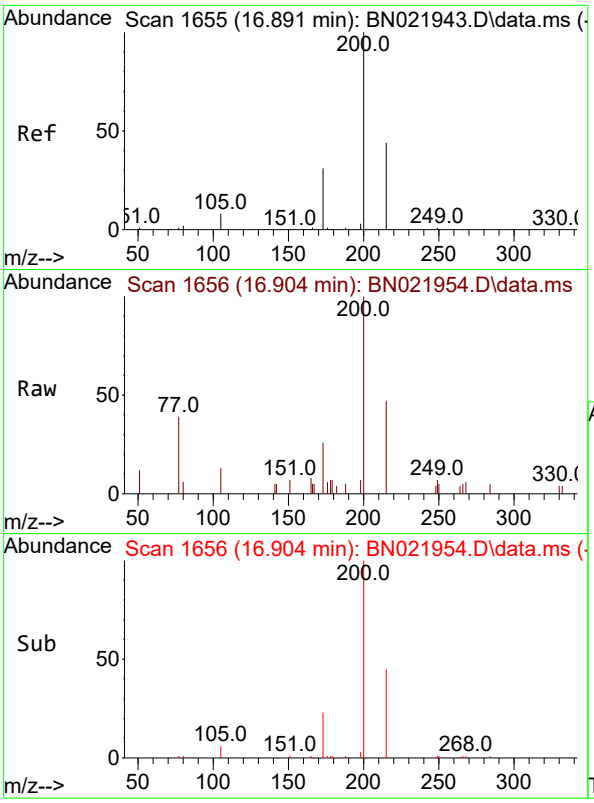


#22
Hexachlorobenzene
Concen: 0.425 ng
RT: 16.742 min Scan# 1643
Delta R.T. 0.000 min
Lab File: BN021954.D
Acq: 29 Sep 2022 14:37

Tgt Ion:284 Resp: 4096

Ion	Ratio	Lower	Upper
284	100		
142	41.0	32.6	49.0
249	31.3	25.6	38.4



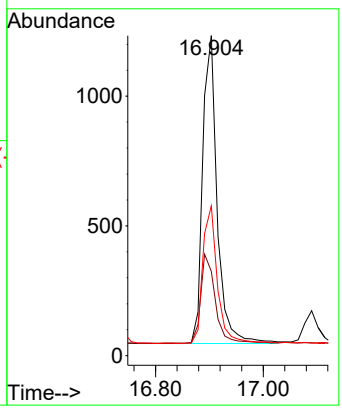


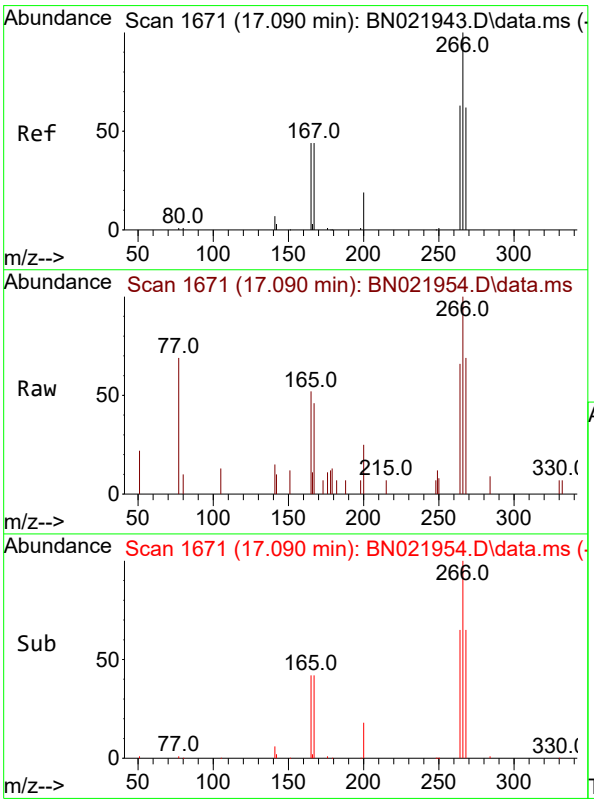
#23
Atrazine
Concen: 0.325 ng
RT: 16.904 min Scan# 1(
Delta R.T. 0.012 min
Lab File: BN021954.D
Acq: 29 Sep 2022 14:37

Instrument :
BNA_N
ClientSampleId :
PB147964BS

Tgt Ion:200 Resp: 2214

Ion	Ratio	Lower	Upper
200	100		
173	26.4	27.0	40.6#
215	46.8	36.8	55.2

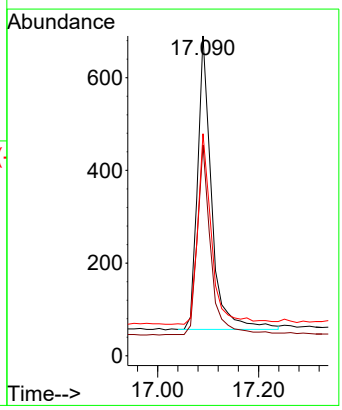


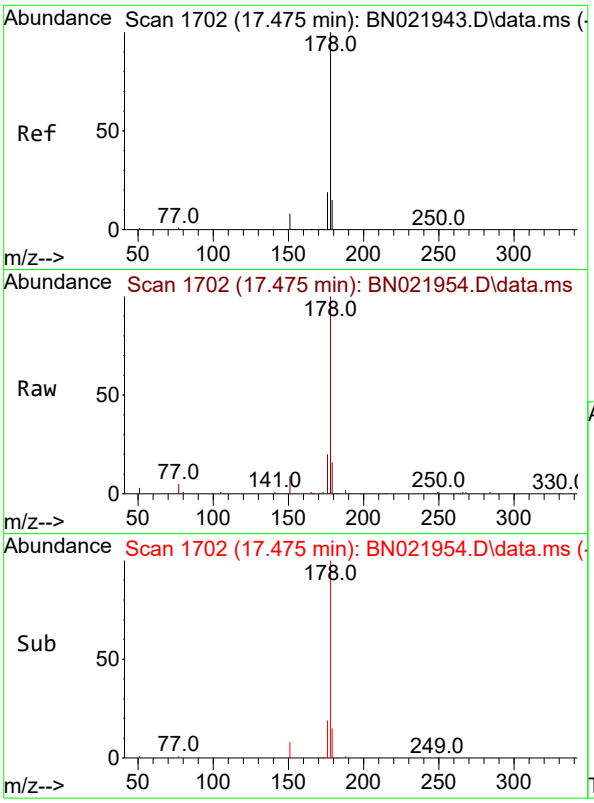


#24
Pentachlorophenol
Concen: 0.366 ng
RT: 17.090 min Scan# 1671
Delta R.T. 0.000 min
Lab File: BN021954.D
Acq: 29 Sep 2022 14:37

Tgt Ion:266 Resp: 1224

Ion	Ratio	Lower	Upper
266	100		
264	61.8	49.1	73.7
268	64.5	48.5	72.7



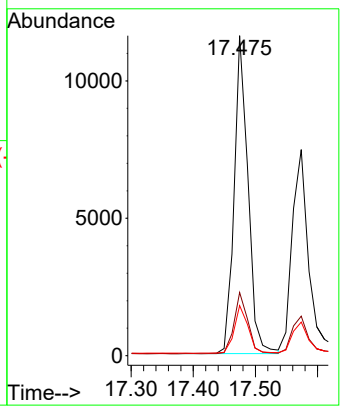


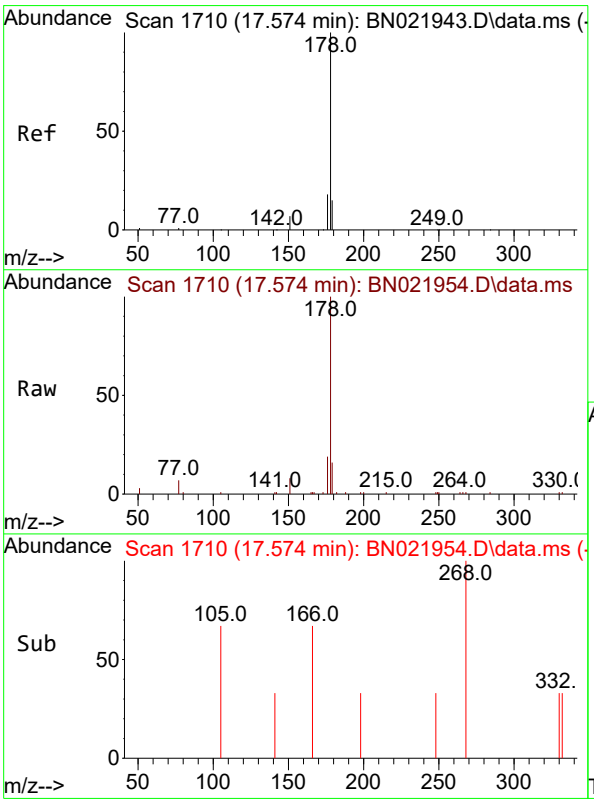
#25
Phenanthrene
Concen: 0.398 ng
RT: 17.475 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021954.D
Acq: 29 Sep 2022 14:37

Instrument :
BNA_N
ClientSampleId :
PB147964BS

Tgt Ion:178 Resp: 17929

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.6	23.4
179	15.2	12.2	18.4

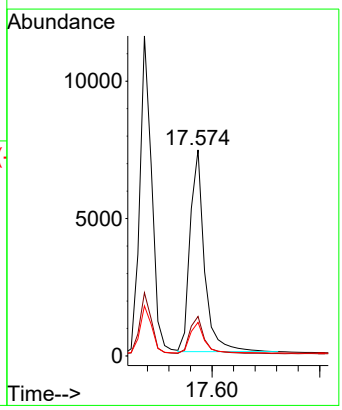


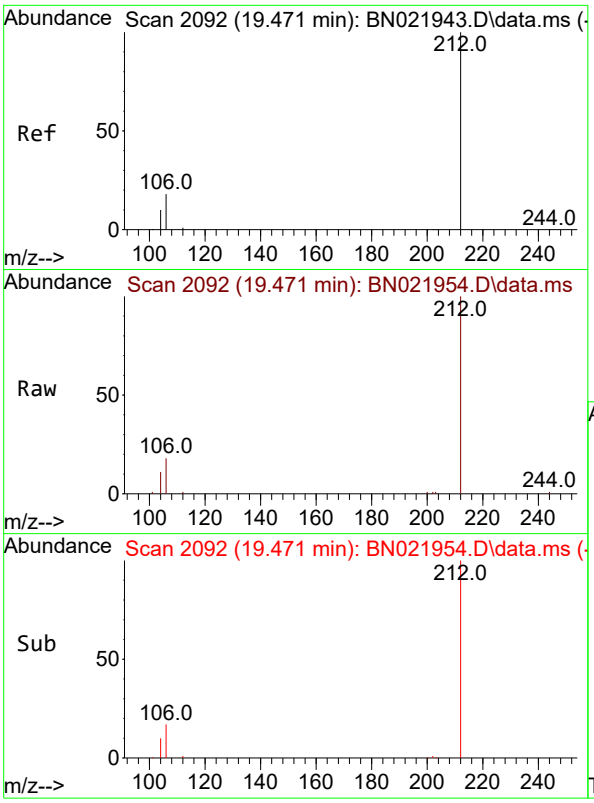


#26
Anthracene
Concen: 0.371 ng
RT: 17.574 min Scan# 1710
Delta R.T. 0.000 min
Lab File: BN021954.D
Acq: 29 Sep 2022 14:37

Tgt Ion:178 Resp: 13621

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.1	22.7
179	15.2	12.2	18.4



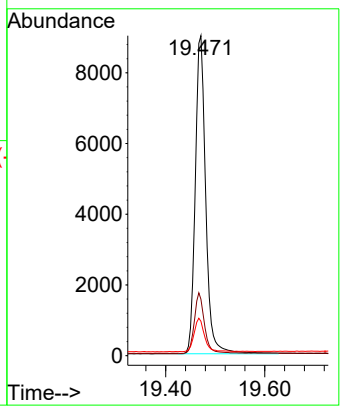


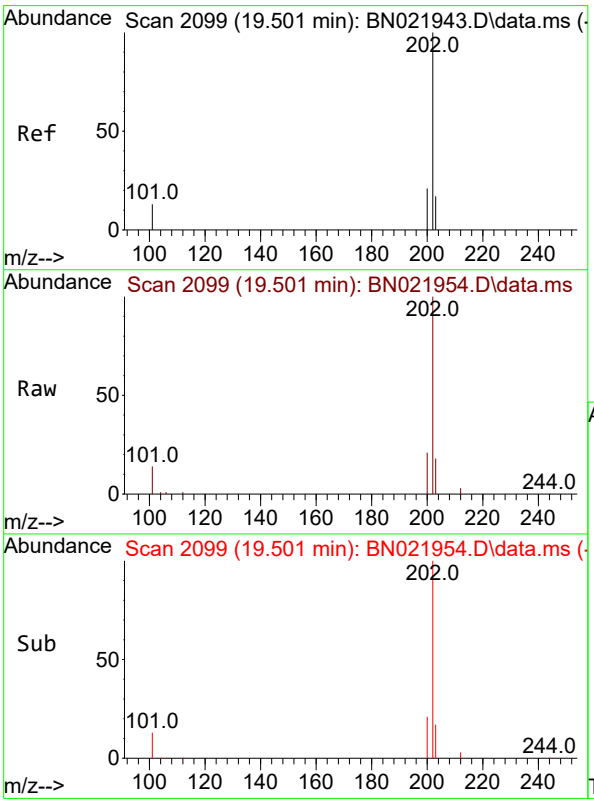
#27
Fluoranthene-d10
Concen: 0.372 ng
RT: 19.471 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN021954.D
Acq: 29 Sep 2022 14:37

Instrument :
BNA_N
ClientSampleId :
PB147964BS

Tgt Ion:212 Resp: 13262

Ion	Ratio	Lower	Upper
212	100		
106	18.4	14.8	22.2
104	10.4	8.4	12.6

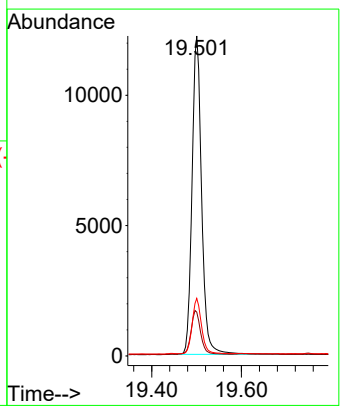


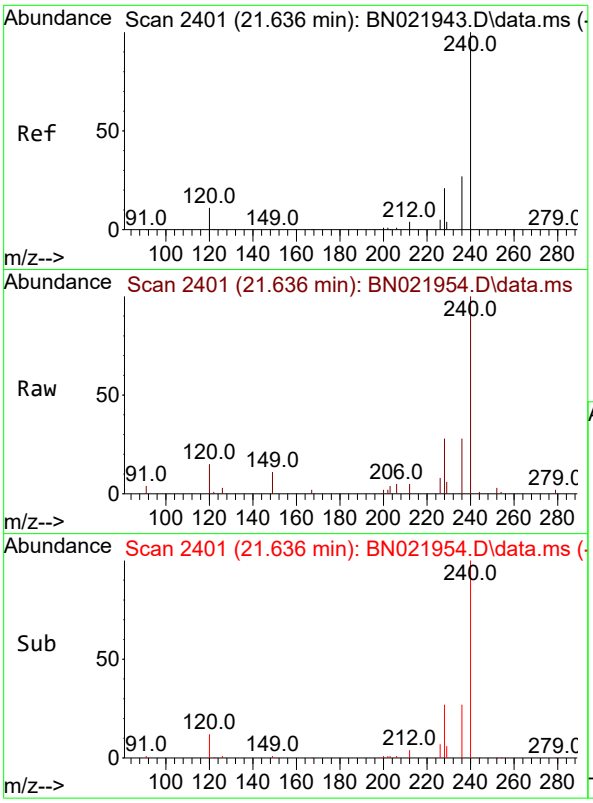


#28
Fluoranthene
Concen: 0.375 ng
RT: 19.501 min Scan# 2099
Delta R.T. 0.000 min
Lab File: BN021954.D
Acq: 29 Sep 2022 14:37

Tgt Ion:202 Resp: 18141

Ion	Ratio	Lower	Upper
202	100		
101	13.9	11.2	16.8
203	16.8	13.5	20.3



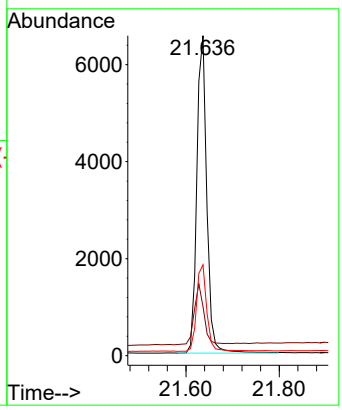


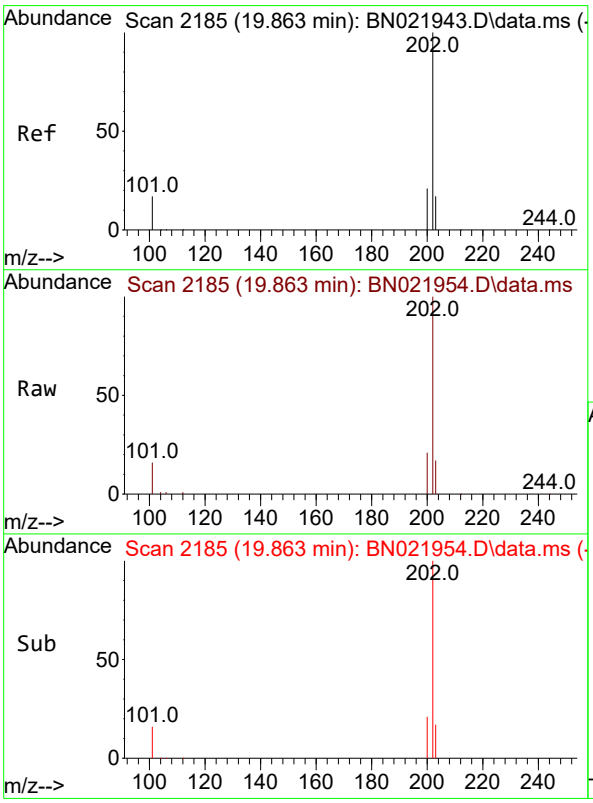
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.636 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN021954.D
Acq: 29 Sep 2022 14:37

Instrument :
BNA_N
ClientSampleId :
PB147964BS

Tgt Ion:240 Resp: 9761

Ion	Ratio	Lower	Upper
240	100		
120	15.3	12.2	18.2
236	28.4	22.6	34.0

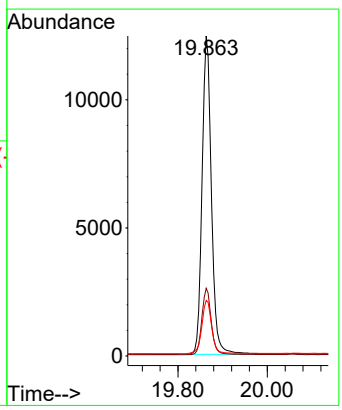


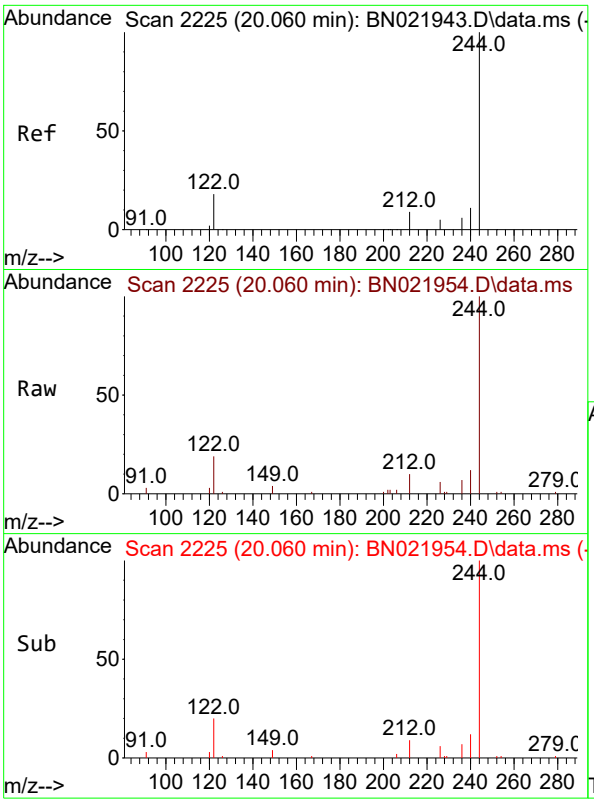


#30
Pyrene
Concen: 0.419 ng
RT: 19.863 min Scan# 2185
Delta R.T. 0.000 min
Lab File: BN021954.D
Acq: 29 Sep 2022 14:37

Tgt Ion:202 Resp: 18903

Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.1	24.1
203	17.0	13.8	20.6



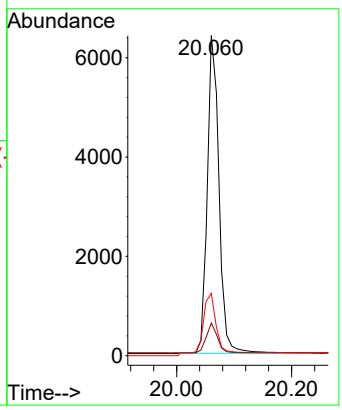


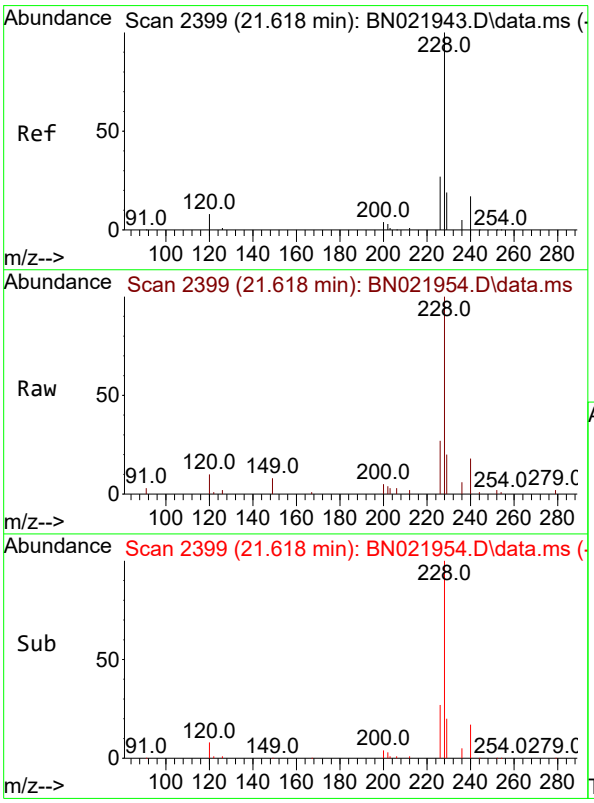
#31
Terphenyl-d14
Concen: 0.408 ng
RT: 20.060 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN021954.D
Acq: 29 Sep 2022 14:37

Instrument :
BNA_N
ClientSampleId :
PB147964BS

Tgt Ion:244 Resp: 8808

Ion	Ratio	Lower	Upper
244	100		
212	10.2	7.9	11.9
122	19.5	15.3	22.9

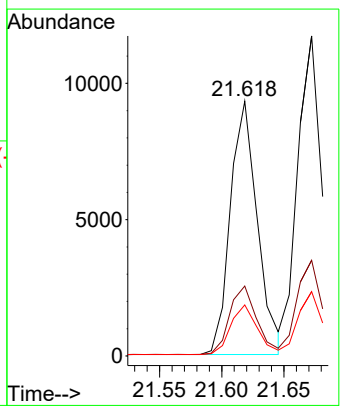


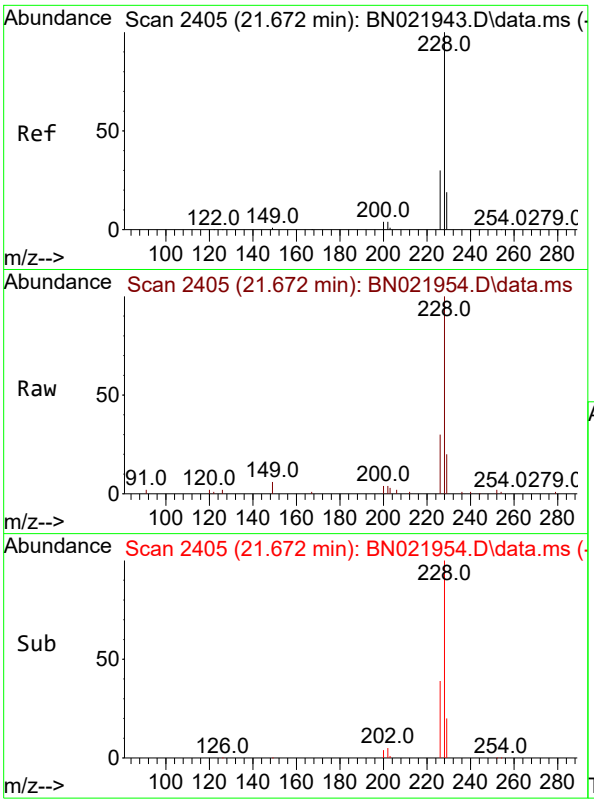


#32
Benzo(a)anthracene
Concen: 0.372 ng
RT: 21.618 min Scan# 2399
Delta R.T. 0.000 min
Lab File: BN021954.D
Acq: 29 Sep 2022 14:37

Tgt Ion:228 Resp: 14081

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.9	32.9
229	20.0	15.8	23.8



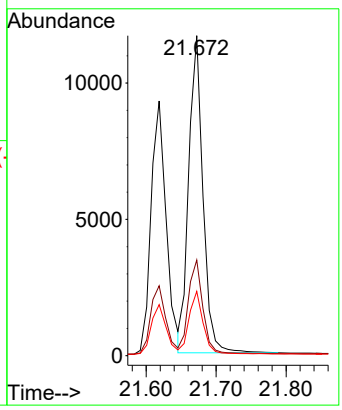


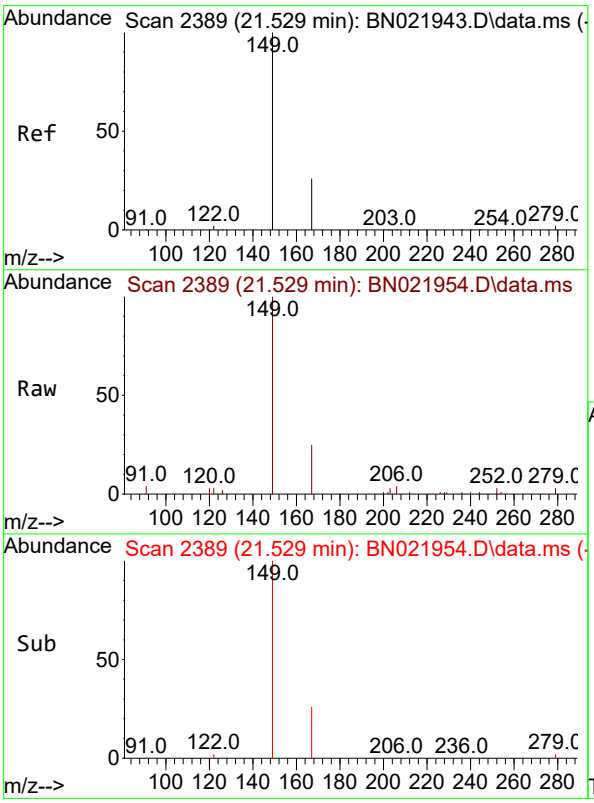
#33
Chrysene
Concen: 0.415 ng
RT: 21.672 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN021954.D
Acq: 29 Sep 2022 14:37

Instrument :
BNA_N
ClientSampleId :
PB147964BS

Tgt Ion:228 Resp: 16421

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.6	36.8
229	20.1	15.8	23.8

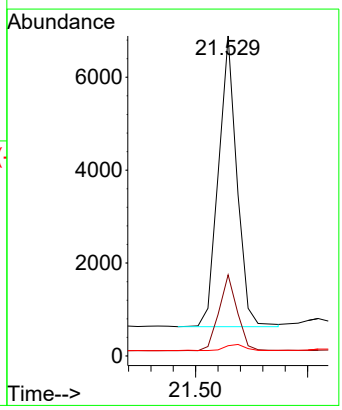


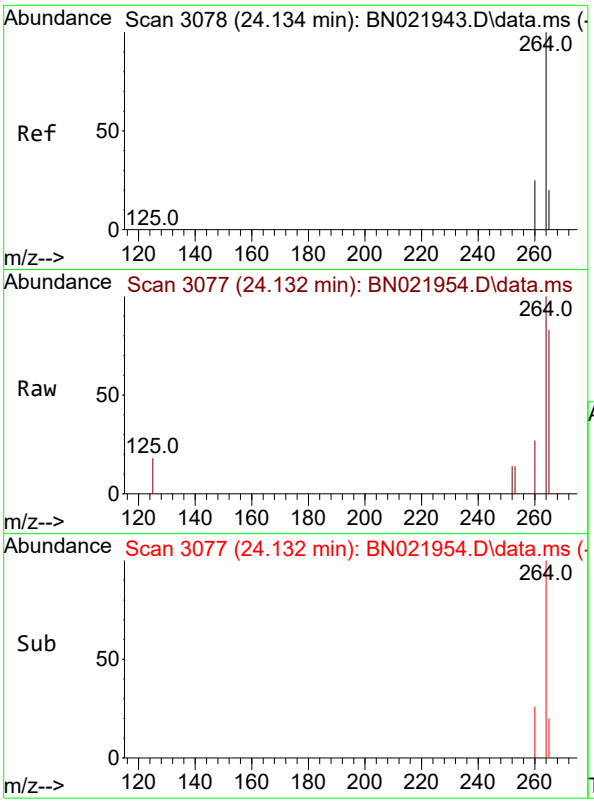


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.316 ng
RT: 21.529 min Scan# 2389
Delta R.T. 0.000 min
Lab File: BN021954.D
Acq: 29 Sep 2022 14:37

Tgt Ion:149 Resp: 7180

Ion	Ratio	Lower	Upper
149	100		
167	25.8	20.6	30.8
279	2.3	2.0	3.0



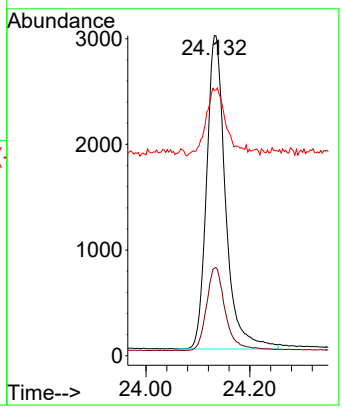


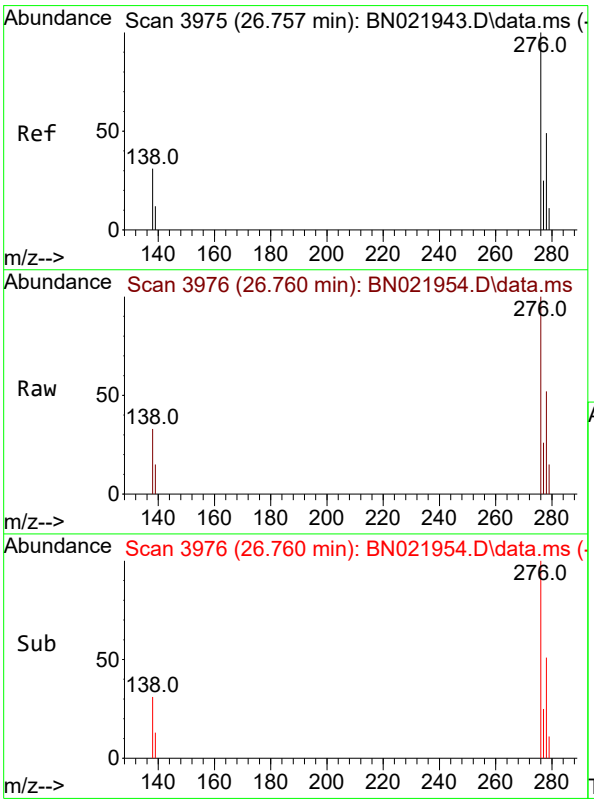
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.132 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN021954.D
Acq: 29 Sep 2022 14:37

Instrument :
BNA_N
ClientSampleId :
PB147964BS

Tgt Ion:264 Resp: 7504

Ion	Ratio	Lower	Upper
264	100		
260	27.3	21.0	31.4
265	82.9	67.8	101.8

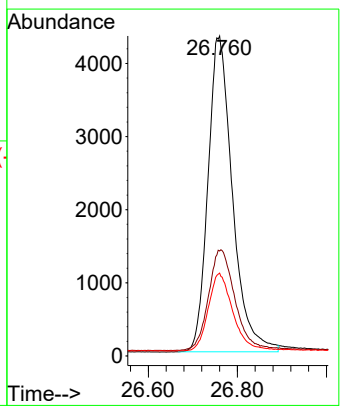


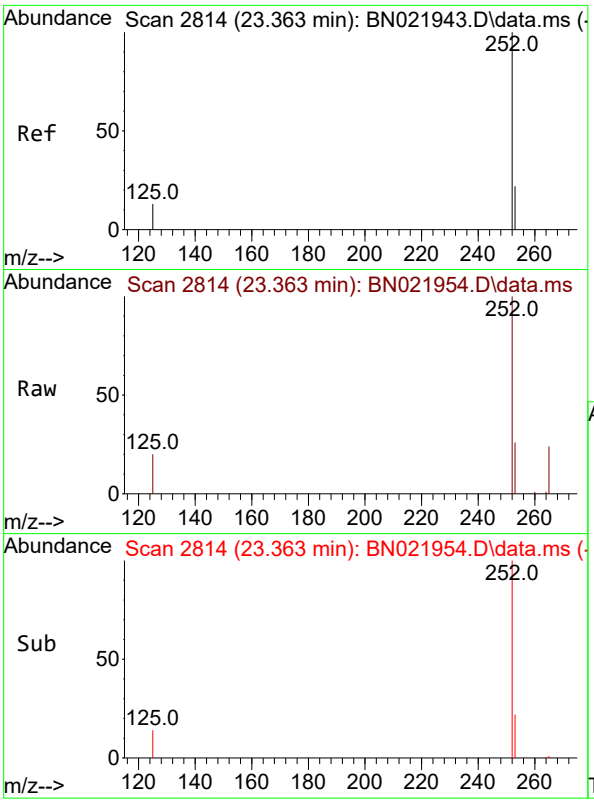


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.415 ng
RT: 26.760 min Scan# 3976
Delta R.T. 0.003 min
Lab File: BN021954.D
Acq: 29 Sep 2022 14:37

Tgt Ion:276 Resp: 16486

Ion	Ratio	Lower	Upper
276	100		
138	34.5	27.3	40.9
277	24.7	19.8	29.6



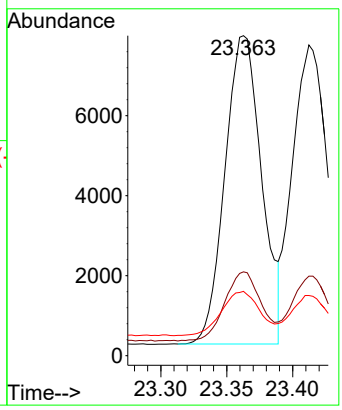


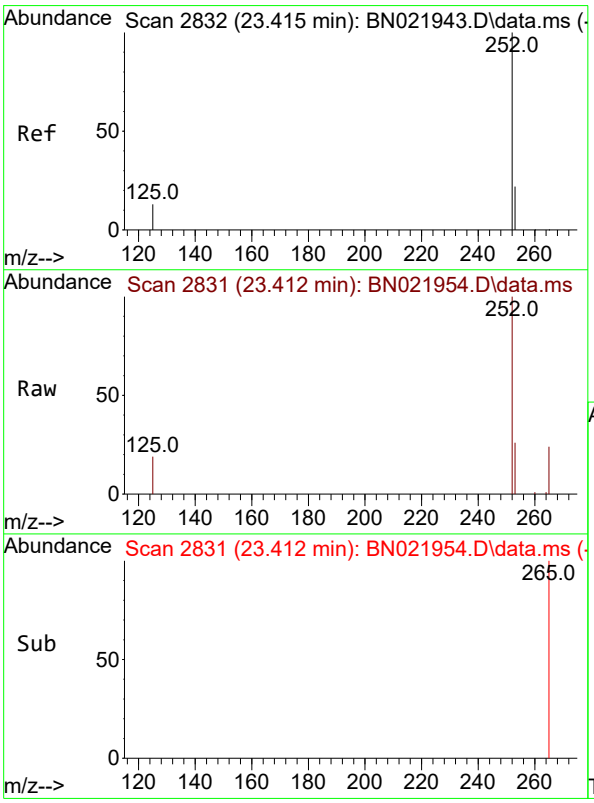
#37
Benzo(b)fluoranthene
Concen: 0.428 ng
RT: 23.363 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN021954.D
Acq: 29 Sep 2022 14:37

Instrument :
BNA_N
ClientSampleId :
PB147964BS

Tgt Ion:252 Resp: 14933

Ion	Ratio	Lower	Upper
252	100		
253	26.2	21.4	32.0
125	20.1	16.2	24.4

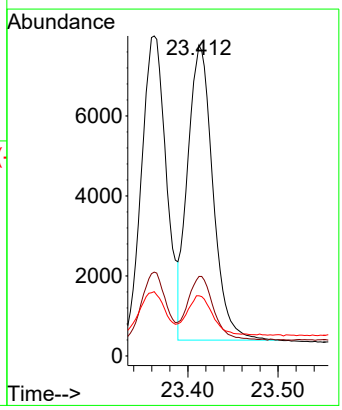


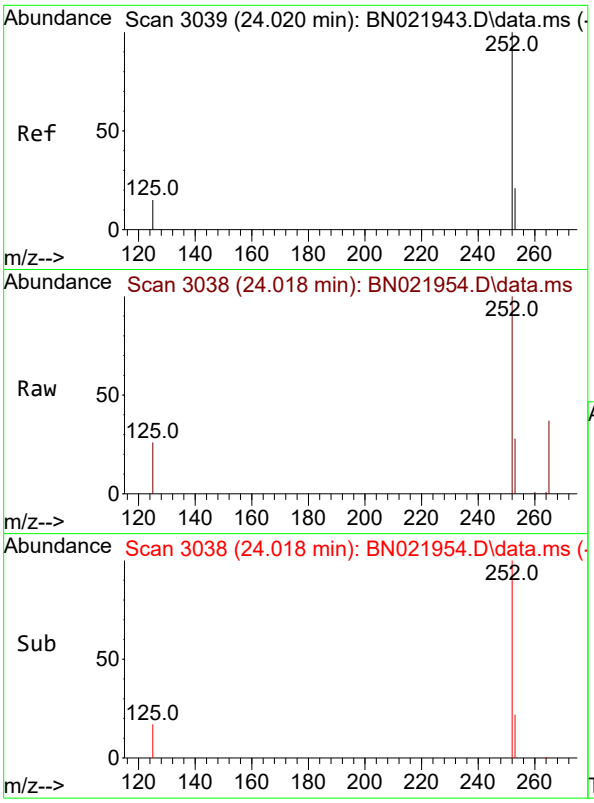


#38
Benzo(k)fluoranthene
Concen: 0.421 ng
RT: 23.412 min Scan# 2831
Delta R.T. -0.003 min
Lab File: BN021954.D
Acq: 29 Sep 2022 14:37

Tgt Ion:252 Resp: 14325

Ion	Ratio	Lower	Upper
252	100		
253	25.6	21.8	32.6
125	19.4	15.8	23.8



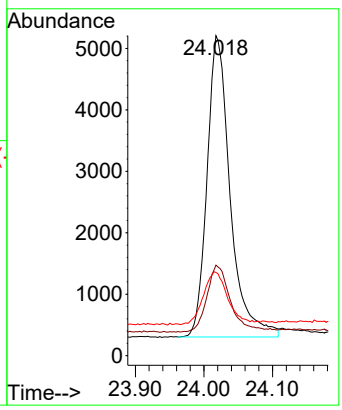


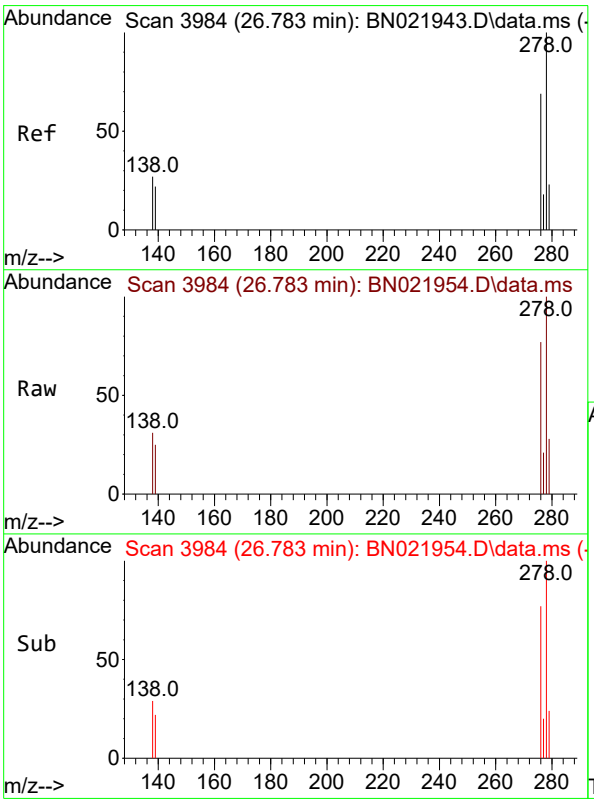
#39
Benzo(a)pyrene
Concen: 0.432 ng
RT: 24.018 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN021954.D
Acq: 29 Sep 2022 14:37

Instrument :
BNA_N
ClientSampleId :
PB147964BS

Tgt Ion:252 Resp: 11506

Ion	Ratio	Lower	Upper
252	100		
253	28.3	23.9	35.9
125	26.0	20.9	31.3

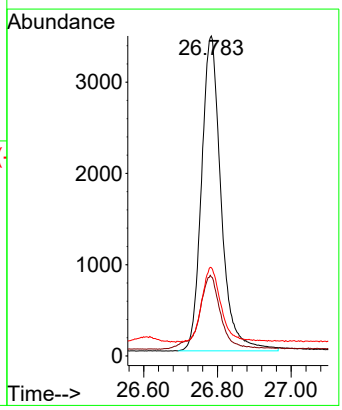


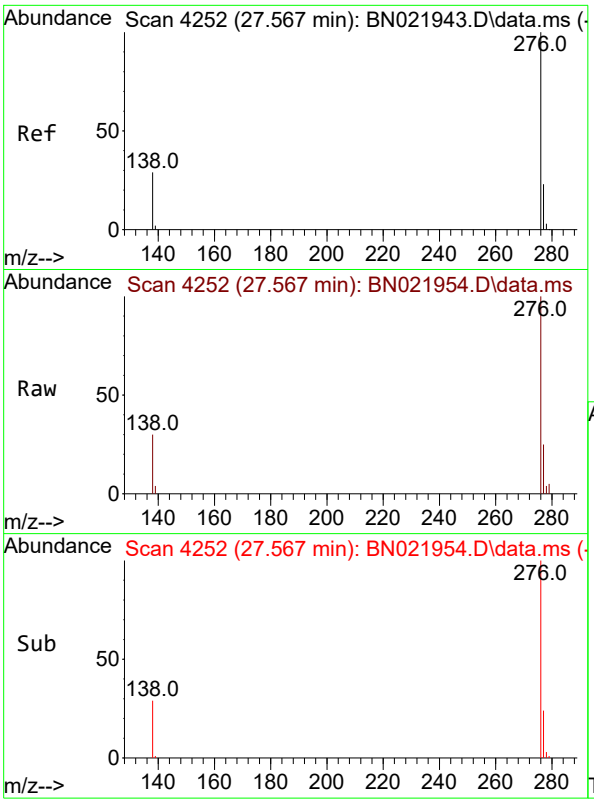


#40
Dibenzo(a,h)anthracene
Concen: 0.400 ng
RT: 26.783 min Scan# 3984
Delta R.T. 0.000 min
Lab File: BN021954.D
Acq: 29 Sep 2022 14:37

Tgt Ion:278 Resp: 12695

Ion	Ratio	Lower	Upper
278	100		
139	24.7	20.1	30.1
279	27.6	21.8	32.8





#41
Benzo(g,h,i)perylene
Concen: 0.416 ng
RT: 27.567 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN021954.D
Acq: 29 Sep 2022 14:37

Instrument :
BNA_N
ClientSampleId :
PB147964BS

Tgt Ion:276 Resp: 14407

Ion	Ratio	Lower	Upper
276	100		
277	25.1	20.0	30.0
138	30.4	24.6	37.0