Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041524\
Data File : BN030946.D
Acq On : 15 Apr 2024 19:35
Operator : MA/JU
Sample : PB159883BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB159883BS

Quant Time: Apr 16 00:17:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 15 17:03:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.653	152	4566	0.400	ng		0.00
7) Naphthalene-d8	10.432	136	13389	0.400	ng		0.00
13) Acenaphthene-d10	14.295	164	7491	0.400	ng		0.00
19) Phenanthrene-d10	17.040	188	18288	0.400	ng		0.00
29) Chrysene-d12	21.240	240	17539	0.400	ng		0.00
35) Perylene-d12	23.457	264	17522	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.248	112	4468	0.439	ng		0.00
5) Phenol-d6	6.823	99	5446	0.442	ng		0.00
8) Nitrobenzene-d5	8.798	82	3190	0.344	ng		0.00
11) 2-Methylnaphthalene-d10	12.024	152	6860	0.333	ng		0.00
14) 2,4,6-Tribromophenol	15.787	330	1122	0.386	ng		0.00
15) 2-Fluorobiphenyl	12.916	172	8972	0.356	ng		0.01
27) Fluoranthene-d10	19.080	212	16018	0.325	ng		0.00
31) Terphenyl-d14	19.683	244	13617	0.334	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.183	88	1843	0.328	ng	#	55
3) n-Nitrosodimethylamine	3.501	42	1602	0.305	ng		94
6) bis(2-Chloroethyl)ether	7.083	93	3968	0.326	ng		98
9) Naphthalene	10.474	128	11903	0.322	ng		99
10) Hexachlorobutadiene	10.763	225	2357	0.318	ng	#	99
12) 2-Methylnaphthalene	12.100	142	7528	0.307	ng		99
16) Acenaphthylene	14.006	152	10882	0.330	ng		99
17) Acenaphthene	14.348	154	7336	0.315	ng		99
18) Fluorene	15.343	166	10019	0.325	ng		99
20) 4,6-Dinitro-2-methylph...	15.428	198	602	0.320	ng		93
21) 4-Bromophenyl-phenylether	16.234	248	3329	0.306	ng		95
22) Hexachlorobenzene	16.345	284	3824	0.301	ng		99
23) Atrazine	16.519	200	2340	0.298	ng	#	90
24) Pentachlorophenol	16.693	266	1116	0.350	ng		99
25) Phenanthrene	17.078	178	17665	0.327	ng	#	96
26) Anthracene	17.177	178	14009	0.314	ng		100
28) Fluoranthene	19.107	202	20031	0.309	ng		100
30) Pyrene	19.474	202	22374	0.329	ng		100
32) Benzo(a)anthracene	21.222	228	19239	0.315	ng		99
33) Chrysene	21.276	228	20552	0.309	ng		100
34) Bis(2-ethylhexyl)phtha...	21.160	149	8804	0.314	ng		99
36) Indeno(1,2,3-cd)pyrene	25.688	276	24878	0.305	ng		100
37) Benzo(b)fluoranthene	22.834	252	20155	0.279	ng		99
38) Benzo(k)fluoranthene	22.834	252	21232	0.300	ng		100
39) Benzo(a)pyrene	23.361	252	18824	0.313	ng		96
40) Dibenzo(a,h)anthracene	25.708	278	20069	0.308	ng		99
41) Benzo(g,h,i)perylene	26.375	276	21551	0.300	ng		100

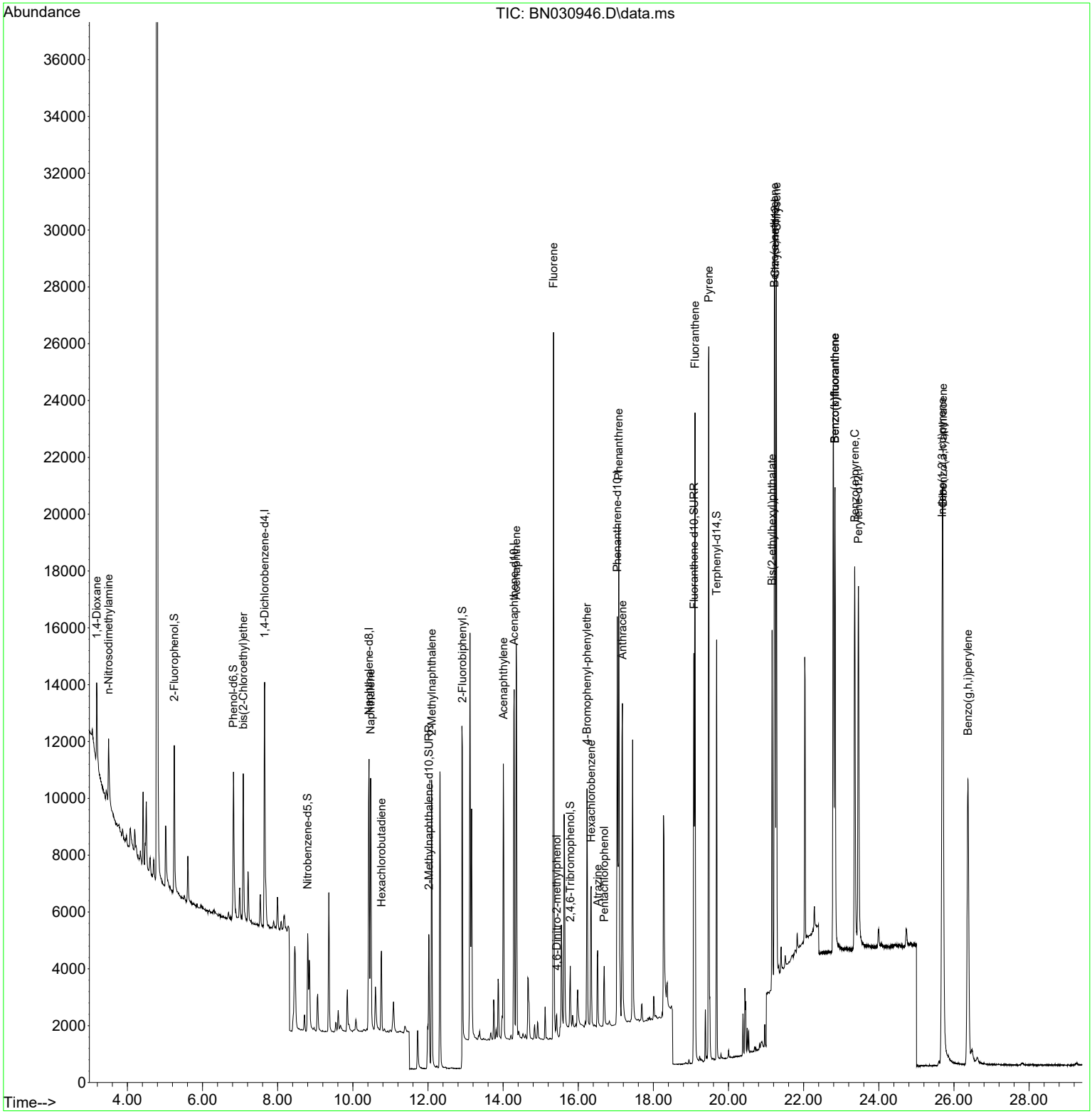
(#) = qualifier out of range (m) = manual integration (+) = signals summed

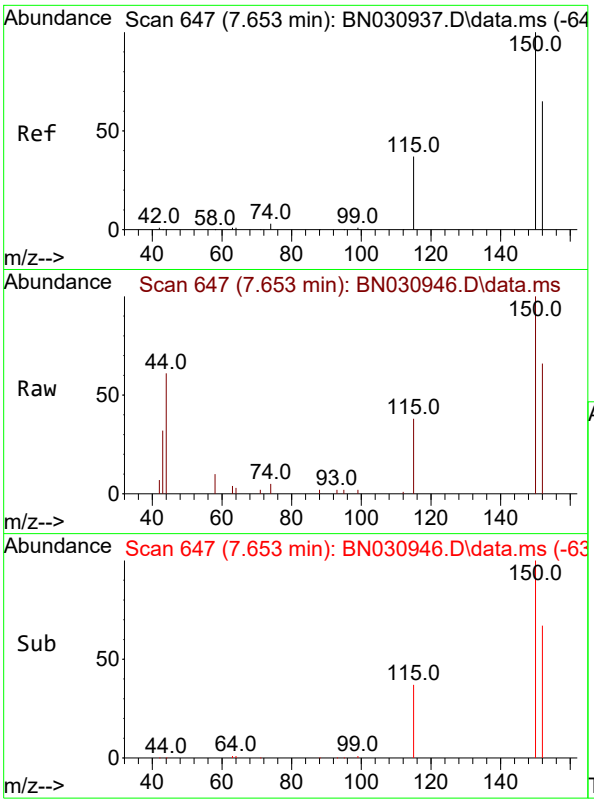
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041524\
Data File : BN030946.D
Acq On : 15 Apr 2024 19:35
Operator : MA/JU
Sample : PB159883BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB159883BS

Quant Time: Apr 16 00:17:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 15 17:03:47 2024
Response via : Initial Calibration



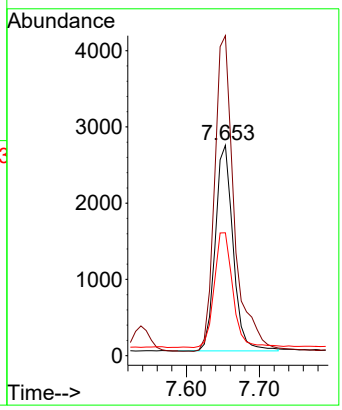


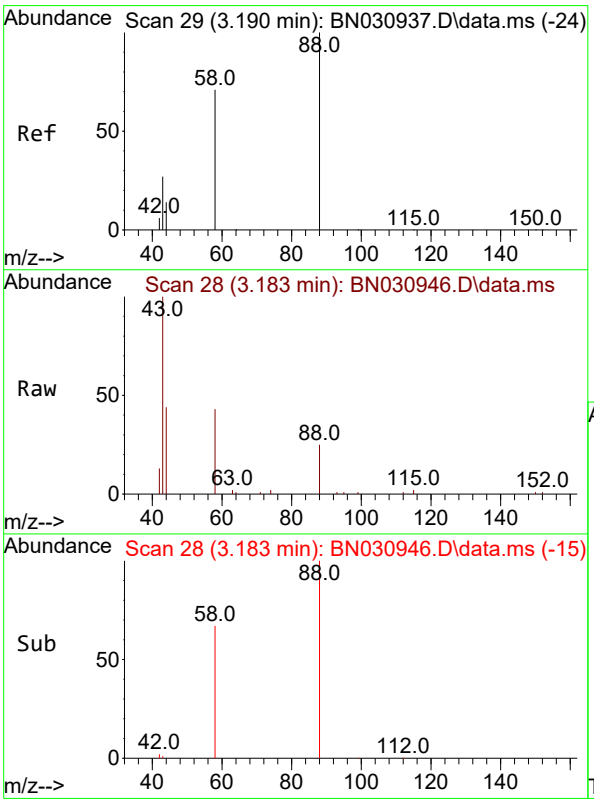
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.653 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN030946.D
Acq: 15 Apr 2024 19:35

Instrument :
BNA_N
ClientSampleId :
PB159883BS

Tgt Ion:152 Resp: 4566

Ion	Ratio	Lower	Upper
152	100		
150	152.1	121.7	182.5
115	58.4	47.8	71.8

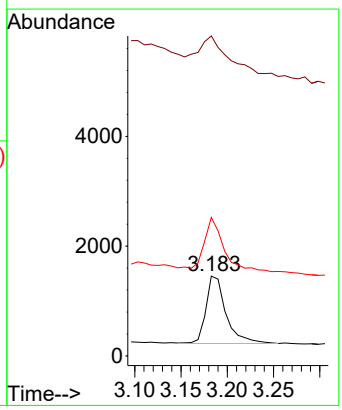


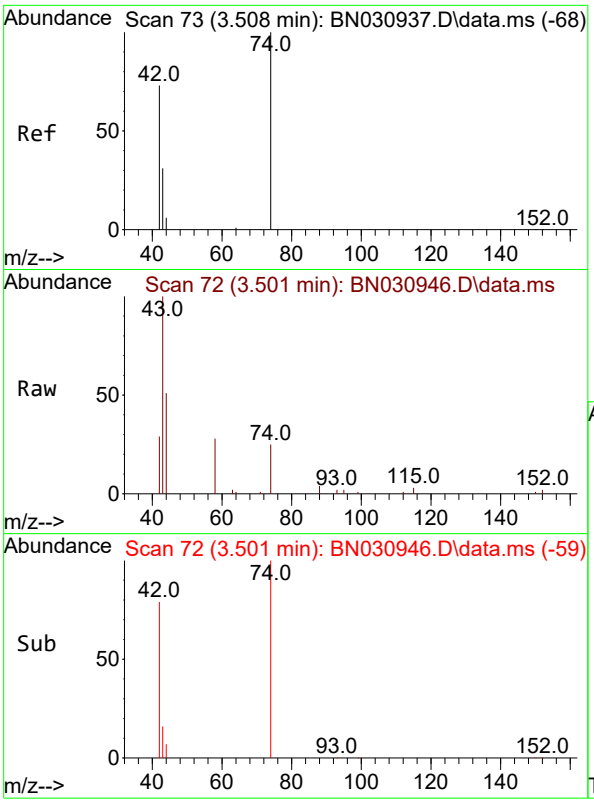


#2
1,4-Dioxane
Concen: 0.328 ng
RT: 3.183 min Scan# 28
Delta R.T. -0.007 min
Lab File: BN030946.D
Acq: 15 Apr 2024 19:35

Tgt Ion: 88 Resp: 1843

Ion	Ratio	Lower	Upper
88	100		
43	98.2	23.7	35.5#
58	78.2	55.7	83.5



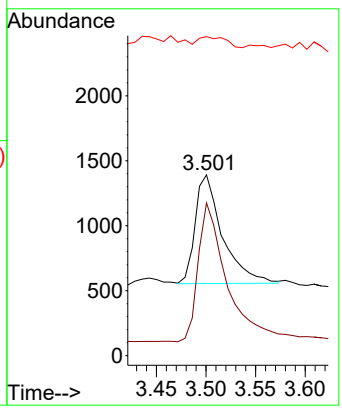


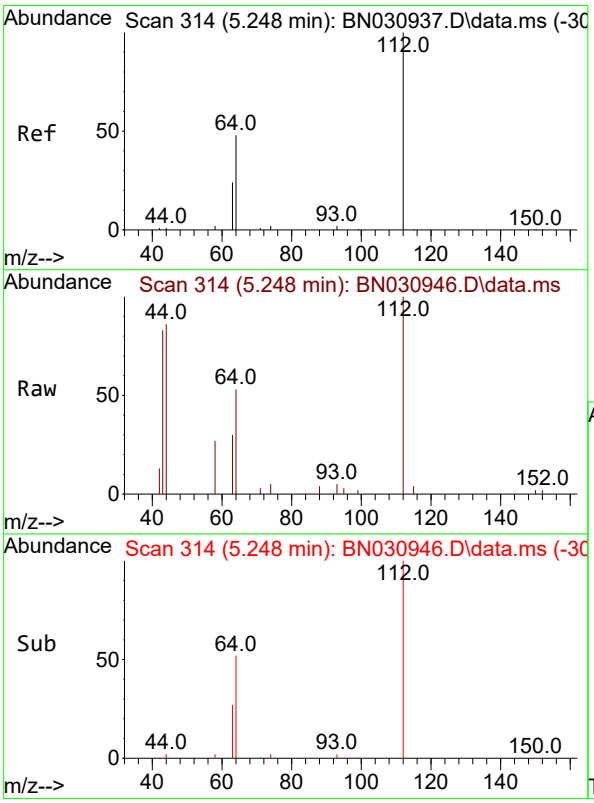
#3
n-Nitrosodimethylamine
Concen: 0.305 ng
RT: 3.501 min Scan# 7
Delta R.T. -0.007 min
Lab File: BN030946.D
Acq: 15 Apr 2024 19:35

Instrument :
BNA_N
ClientSampleId :
PB159883BS

Tgt Ion: 42 Resp: 1602

Ion	Ratio	Lower	Upper
42	100		
74	135.5	103.1	154.7
44	9.8	7.0	10.6

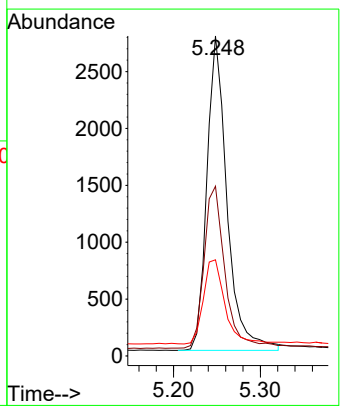


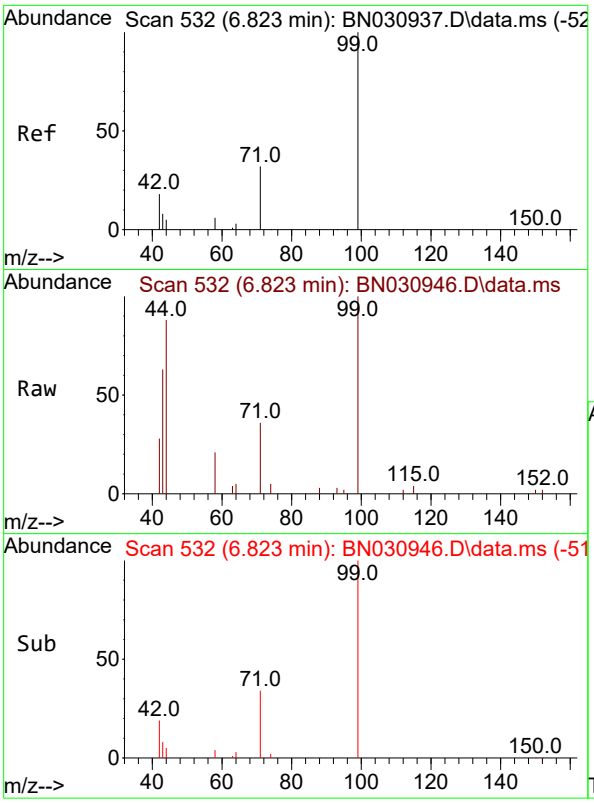


#4
2-Fluorophenol
Concen: 0.439 ng
RT: 5.248 min Scan# 314
Delta R.T. -0.000 min
Lab File: BN030946.D
Acq: 15 Apr 2024 19:35

Tgt Ion:112 Resp: 4468

Ion	Ratio	Lower	Upper
112	100		
64	53.8	43.4	65.2
63	28.6	22.2	33.2



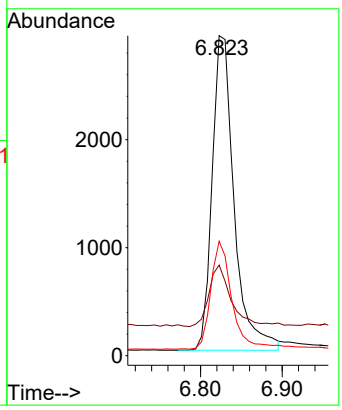


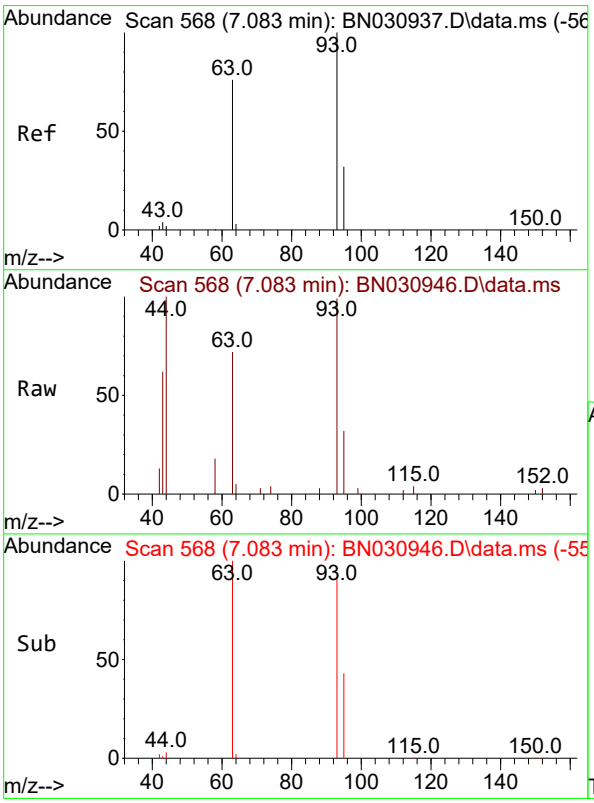
#5
Phenol-d6
Concen: 0.442 ng
RT: 6.823 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN030946.D
Acq: 15 Apr 2024 19:35

Instrument :
BNA_N
ClientSampleId :
PB159883BS

Tgt Ion: 99 Resp: 5446

Ion	Ratio	Lower	Upper
99	100		
42	19.6	16.4	24.6
71	32.6	26.3	39.5

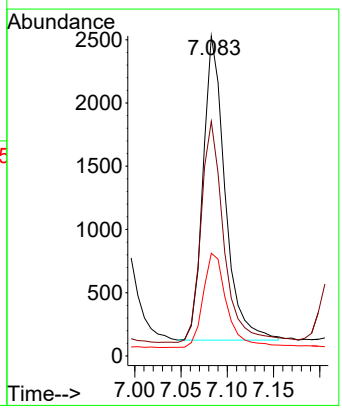


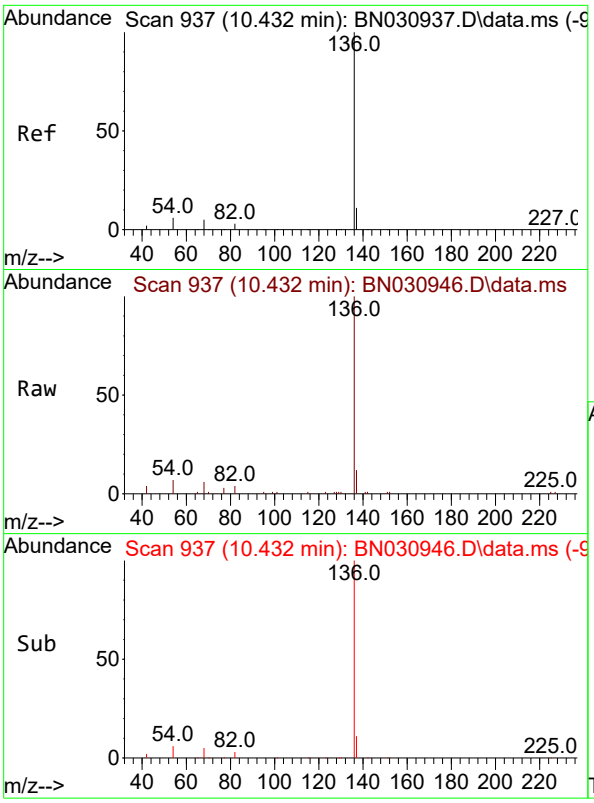


#6
bis(2-Chloroethyl)ether
Concen: 0.326 ng
RT: 7.083 min Scan# 568
Delta R.T. -0.000 min
Lab File: BN030946.D
Acq: 15 Apr 2024 19:35

Tgt Ion: 93 Resp: 3968

Ion	Ratio	Lower	Upper
93	100		
63	74.8	61.8	92.8
95	33.4	27.4	41.0



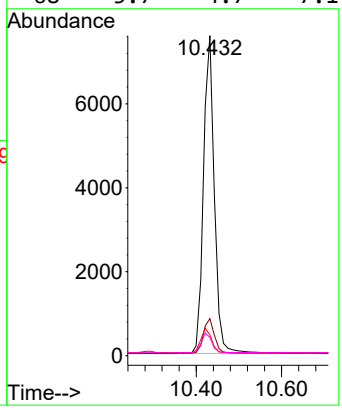


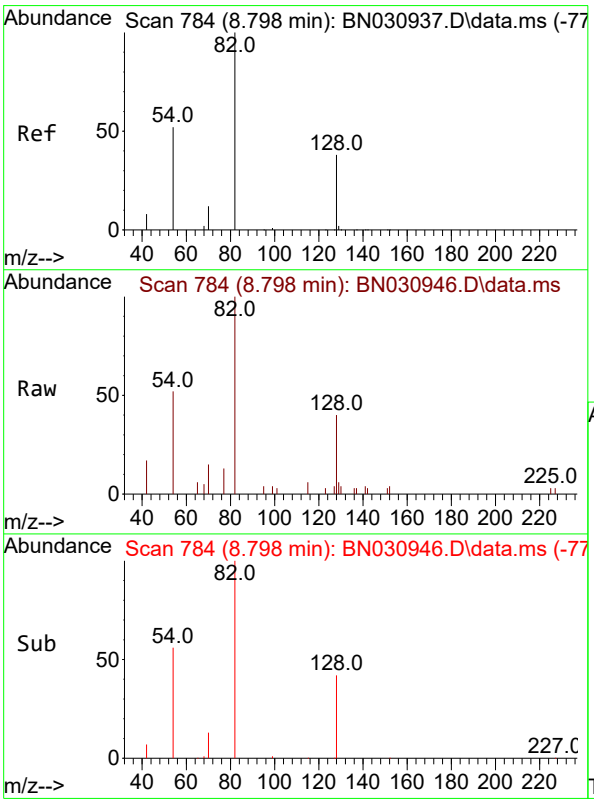
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN030946.D
Acq: 15 Apr 2024 19:35

Instrument :
BNA_N
ClientSampleId :
PB159883BS

Tgt Ion:136 Resp: 13389

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.4	14.0
54	6.5	5.3	7.9
68	5.7	4.7	7.1

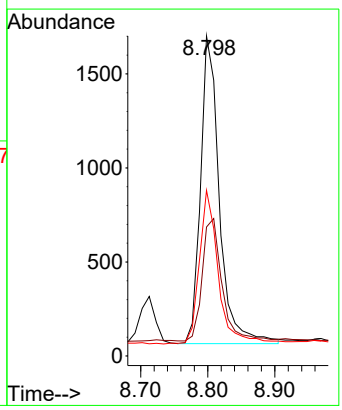


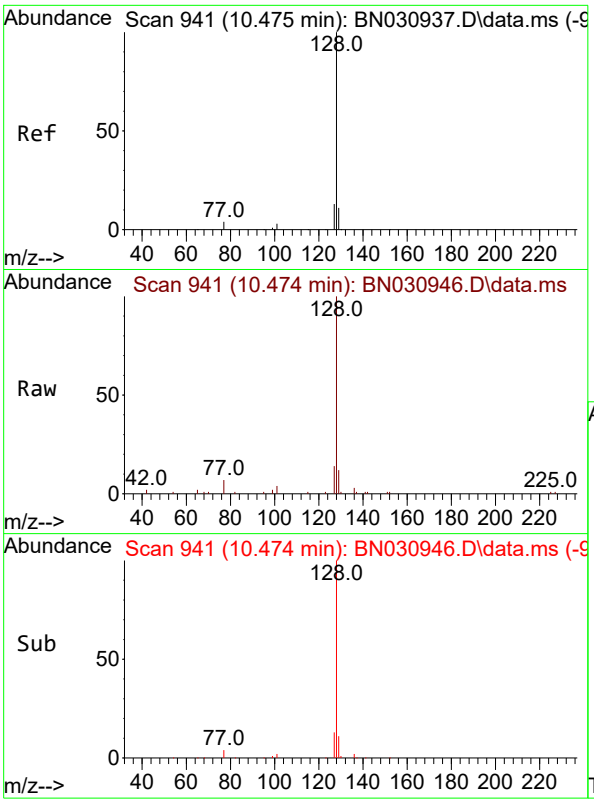


#8
Nitrobenzene-d5
Concen: 0.344 ng
RT: 8.798 min Scan# 784
Delta R.T. -0.000 min
Lab File: BN030946.D
Acq: 15 Apr 2024 19:35

Tgt Ion: 82 Resp: 3190

Ion	Ratio	Lower	Upper
82	100		
128	40.3	33.7	50.5
54	51.8	43.7	65.5



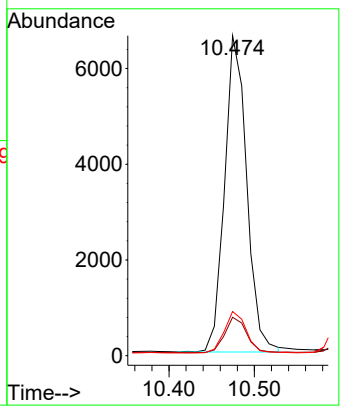


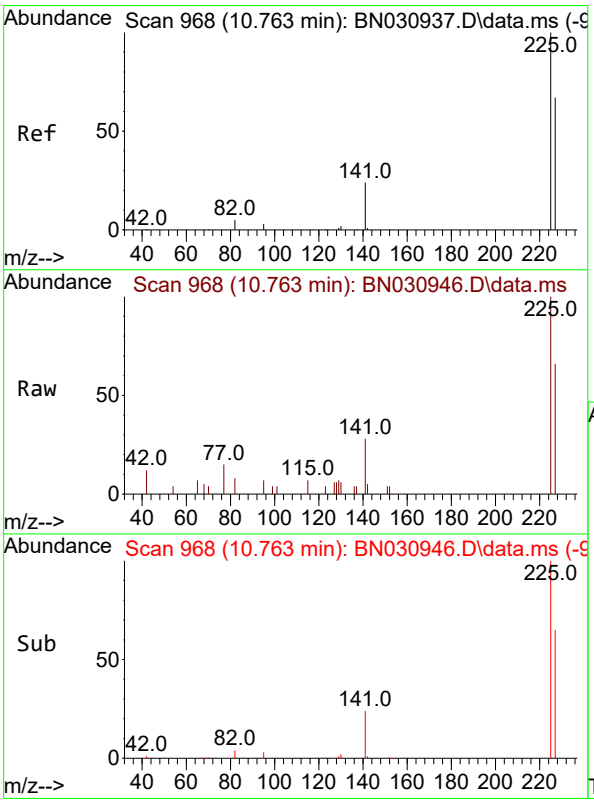
#9
Naphthalene
Concen: 0.322 ng
RT: 10.474 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN030946.D
Acq: 15 Apr 2024 19:35

Instrument :
BNA_N
ClientSampleId :
PB159883BS

Tgt Ion:128 Resp: 11903

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.4	14.0
127	13.8	10.9	16.3

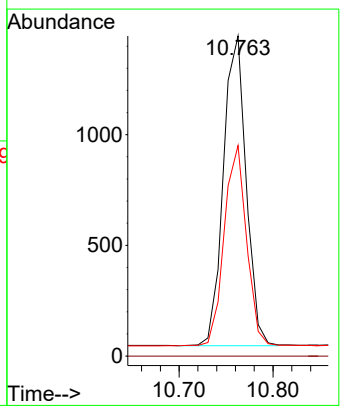


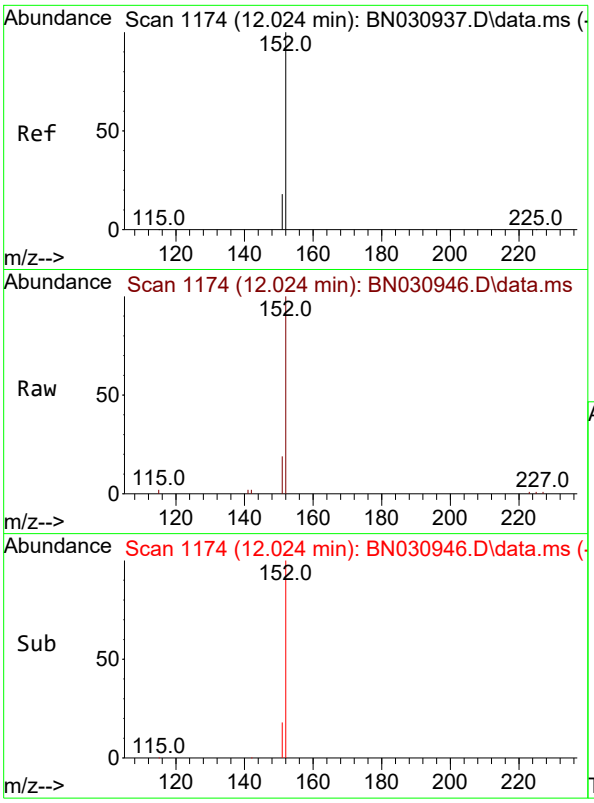


#10
Hexachlorobutadiene
Concen: 0.318 ng
RT: 10.763 min Scan# 968
Delta R.T. -0.000 min
Lab File: BN030946.D
Acq: 15 Apr 2024 19:35

Tgt Ion:225 Resp: 2357

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.1	51.3	76.9



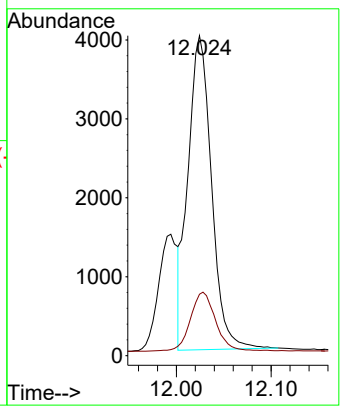


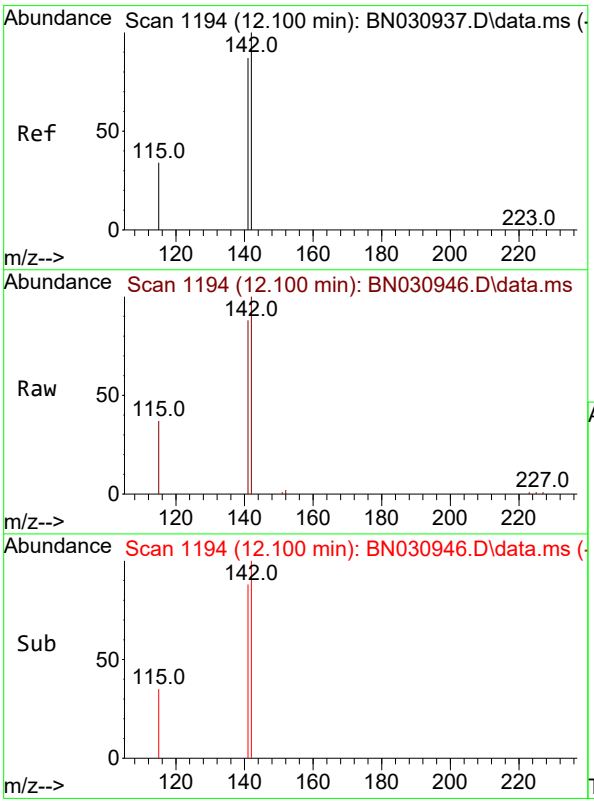
#11
2-Methylnaphthalene-d10
Concen: 0.333 ng
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN030946.D
Acq: 15 Apr 2024 19:35

Instrument :
BNA_N
ClientSampleId :
PB159883BS

Tgt Ion:152 Resp: 6860

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.7	25.1

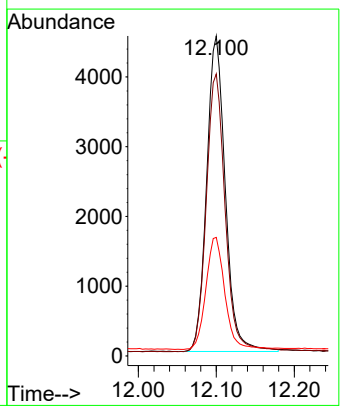


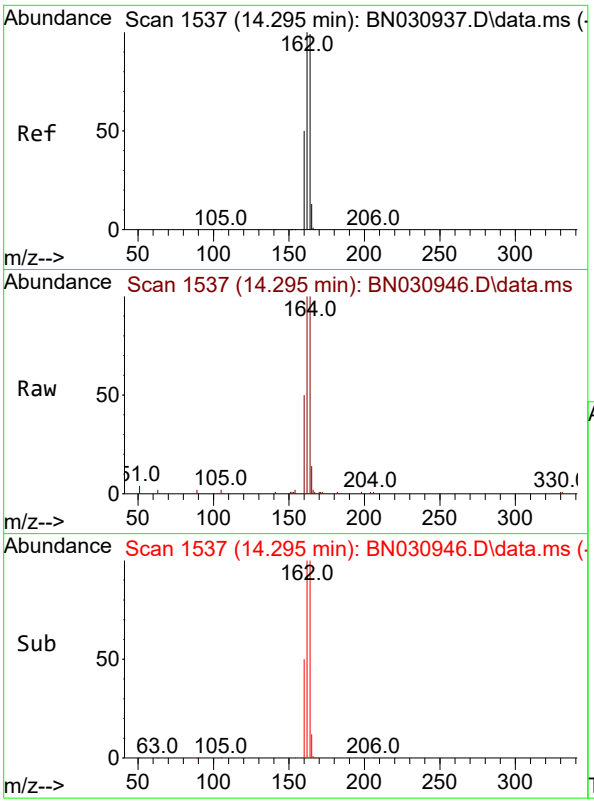


#12
2-Methylnaphthalene
Concen: 0.307 ng
RT: 12.100 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BN030946.D
Acq: 15 Apr 2024 19:35

Tgt Ion:142 Resp: 7528

Ion	Ratio	Lower	Upper
142	100		
141	88.2	69.8	104.8
115	37.0	28.3	42.5



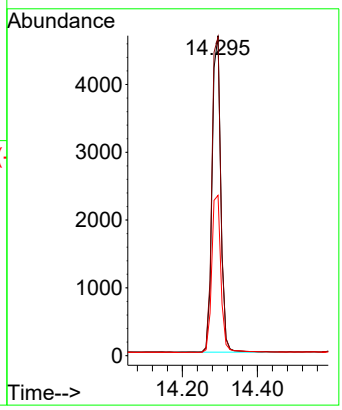


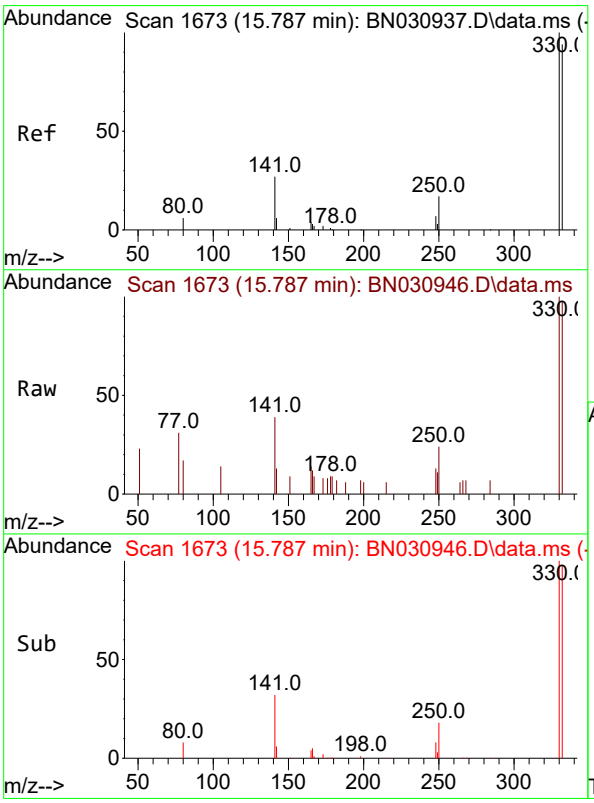
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.295 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030946.D
Acq: 15 Apr 2024 19:35

Instrument :
BNA_N
ClientSampleId :
PB159883BS

Tgt Ion:164 Resp: 7491

Ion	Ratio	Lower	Upper
164	100		
162	99.6	80.6	121.0
160	50.1	40.7	61.1

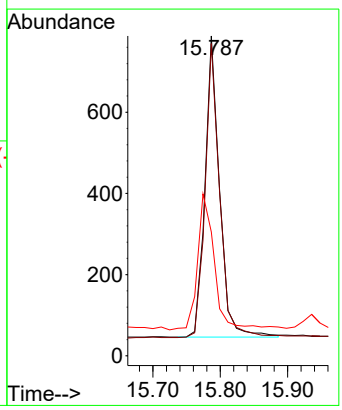


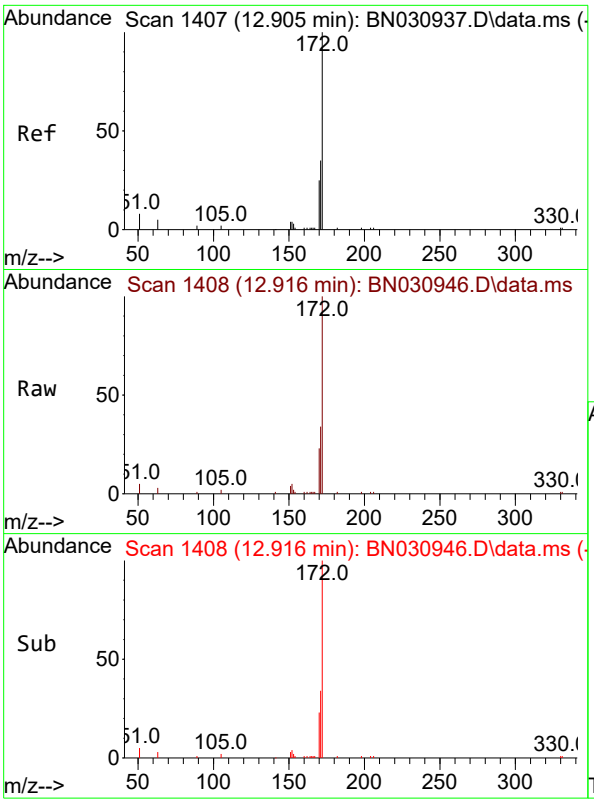


#14
2,4,6-Tribromophenol
Concen: 0.386 ng
RT: 15.787 min Scan# 1673
Delta R.T. -0.000 min
Lab File: BN030946.D
Acq: 15 Apr 2024 19:35

Tgt Ion:330 Resp: 1122

Ion	Ratio	Lower	Upper
330	100		
332	97.1	74.2	111.2
141	52.4	37.2	55.8



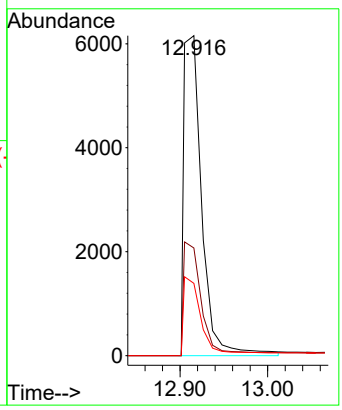


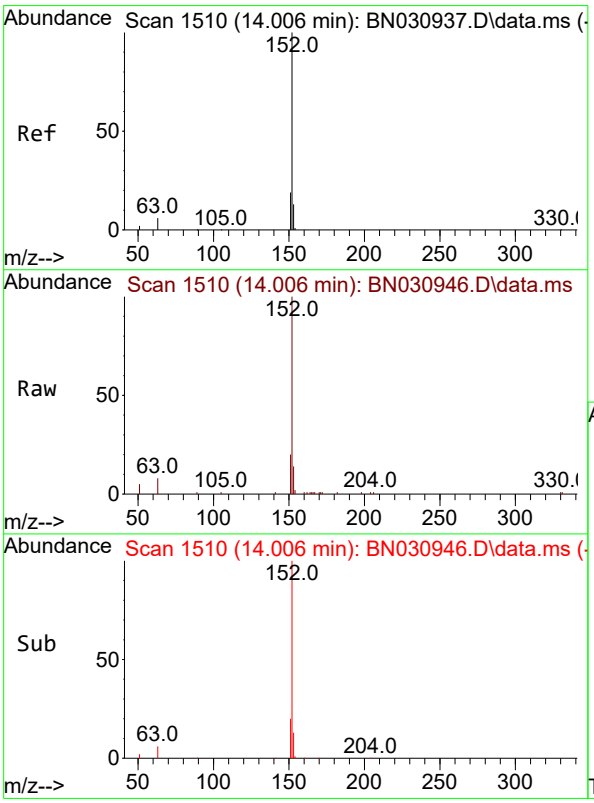
#15
2-Fluorobiphenyl
Concen: 0.356 ng
RT: 12.916 min Scan# 14
Delta R.T. 0.011 min
Lab File: BN030946.D
Acq: 15 Apr 2024 19:35

Instrument :
BNA_N
ClientSampleId :
PB159883BS

Tgt Ion:172 Resp: 8972

Ion	Ratio	Lower	Upper
172	100		
171	33.6	28.3	42.5
170	22.6	19.8	29.8

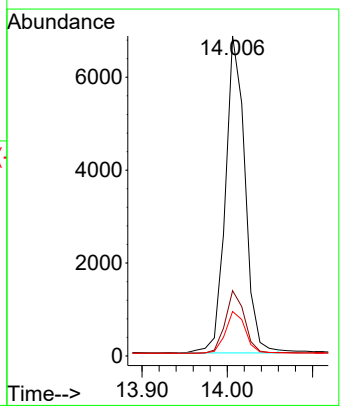


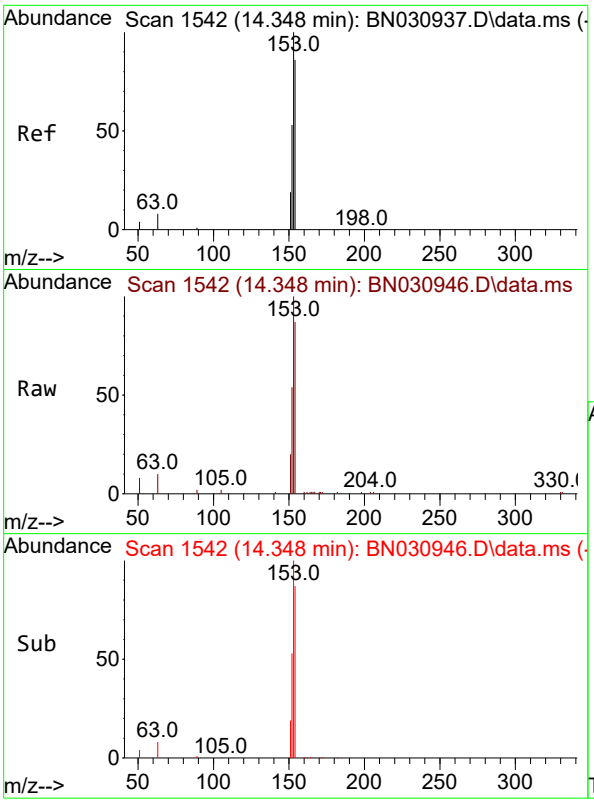


#16
Acenaphthylene
Concen: 0.330 ng
RT: 14.006 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BN030946.D
Acq: 15 Apr 2024 19:35

Tgt Ion:152 Resp: 10882

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.3	22.9
153	13.5	10.4	15.6



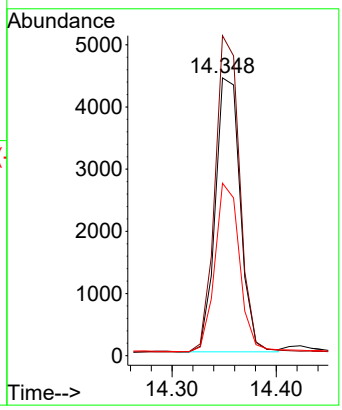


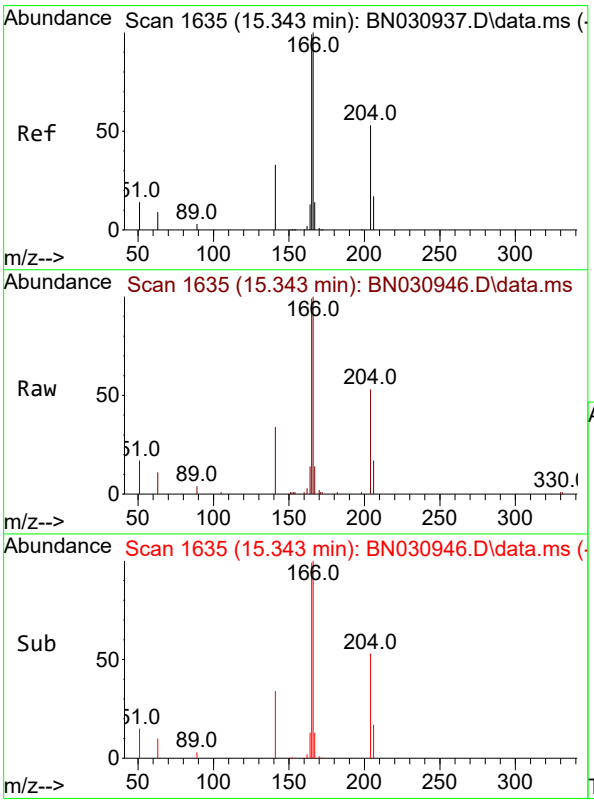
#17
Acenaphthene
Concen: 0.315 ng
RT: 14.348 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030946.D
Acq: 15 Apr 2024 19:35

Instrument :
BNA_N
ClientSampleId :
PB159883BS

Tgt Ion:154 Resp: 7336

Ion	Ratio	Lower	Upper
154	100		
153	114.2	91.1	136.7
152	60.6	47.6	71.4

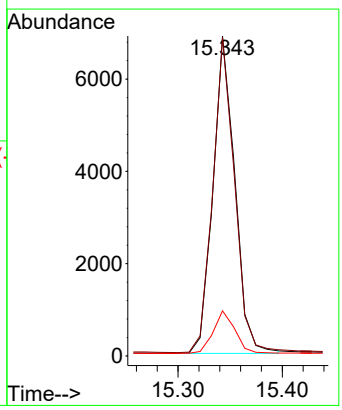


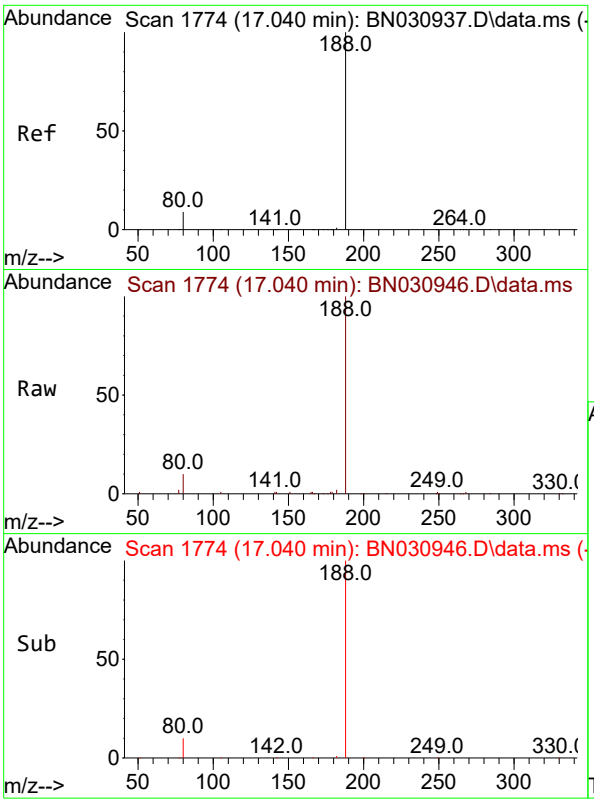


#18
Fluorene
Concen: 0.325 ng
RT: 15.343 min Scan# 1635
Delta R.T. -0.000 min
Lab File: BN030946.D
Acq: 15 Apr 2024 19:35

Tgt Ion:166 Resp: 10019

Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.3	117.5
167	13.4	11.1	16.7



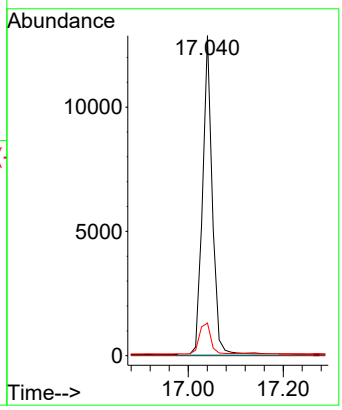


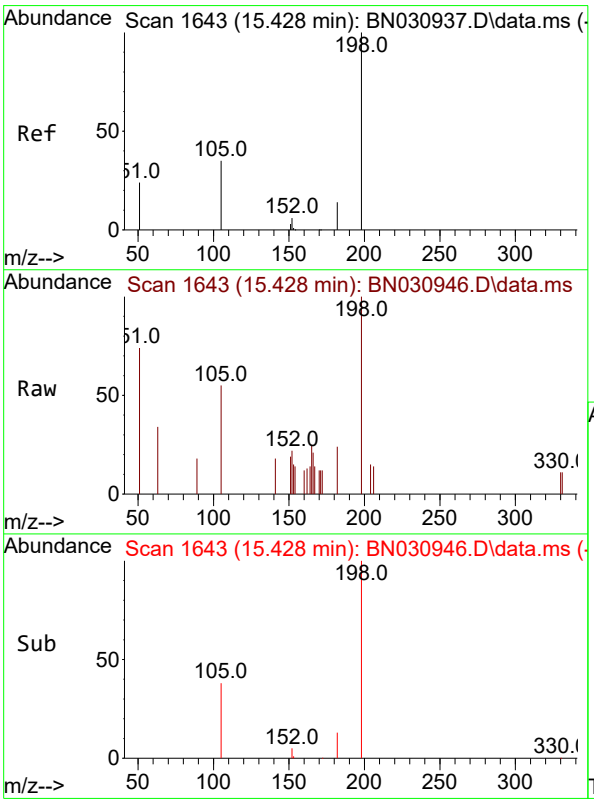
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.040 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030946.D
Acq: 15 Apr 2024 19:35

Instrument :
BNA_N
ClientSampleId :
PB159883BS

Tgt Ion:188 Resp: 18288

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.2	7.4	11.2

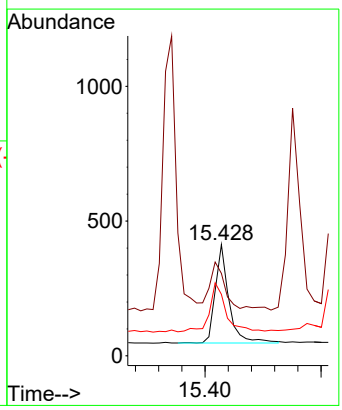


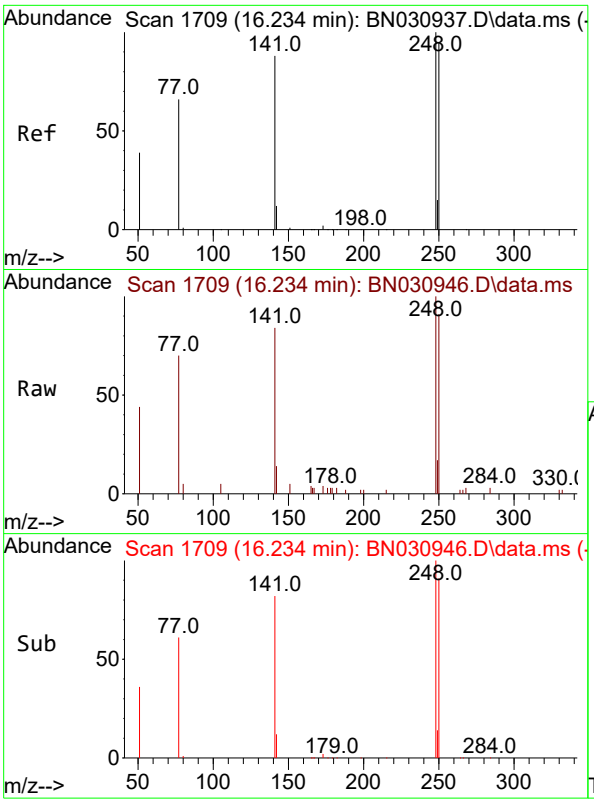


#20
4,6-Dinitro-2-methylphenol
Concen: 0.320 ng
RT: 15.428 min Scan# 1643
Delta R.T. 0.000 min
Lab File: BN030946.D
Acq: 15 Apr 2024 19:35

Tgt Ion:198 Resp: 602

Ion	Ratio	Lower	Upper
198	100		
51	74.1	65.2	97.8
105	55.2	41.0	61.4



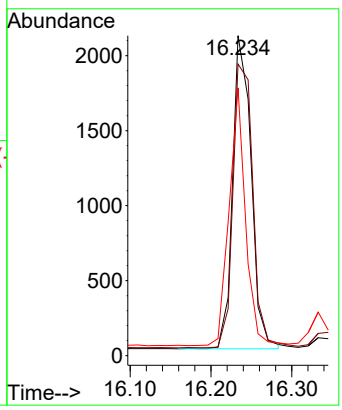


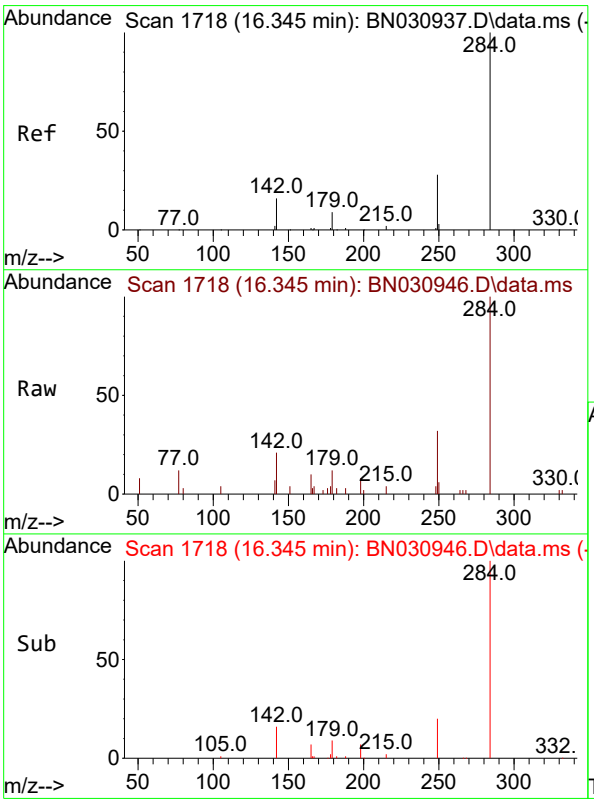
#21
4-Bromophenyl-phenylether
Concen: 0.306 ng
RT: 16.234 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030946.D
Acq: 15 Apr 2024 19:35

Instrument :
BNA_N
ClientSampleId :
PB159883BS

Tgt Ion:248 Resp: 3329

Ion	Ratio	Lower	Upper
248	100		
250	91.1	76.1	114.1
141	83.7	71.1	106.7

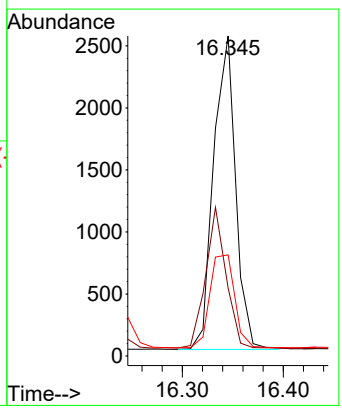


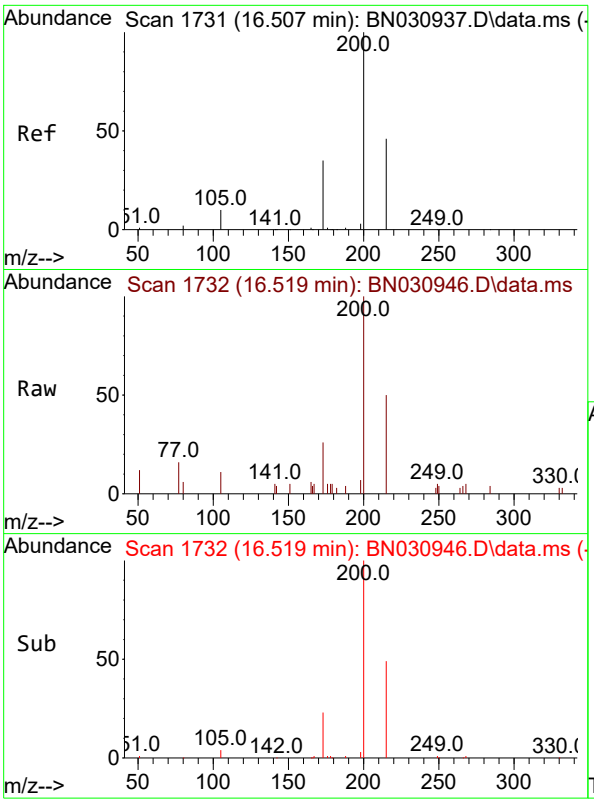


#22
Hexachlorobenzene
Concen: 0.301 ng
RT: 16.345 min Scan# 1718
Delta R.T. -0.000 min
Lab File: BN030946.D
Acq: 15 Apr 2024 19:35

Tgt Ion:284 Resp: 3824

Ion	Ratio	Lower	Upper
284	100		
142	41.5	33.0	49.4
249	33.3	25.5	38.3



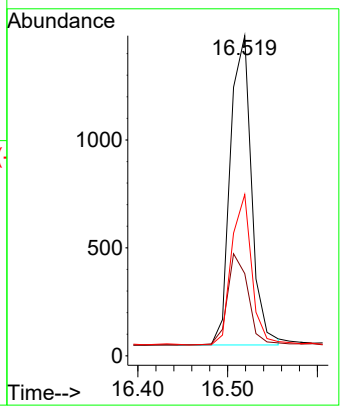


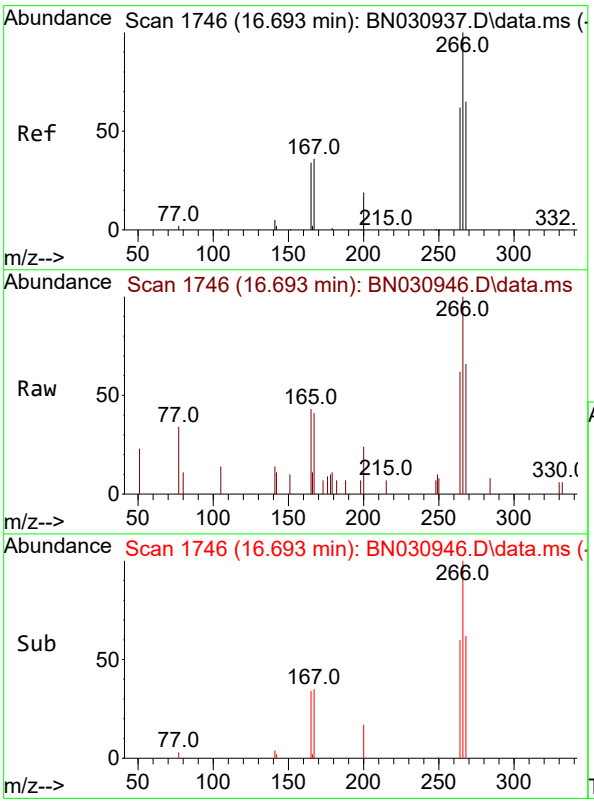
#23
Atrazine
Concen: 0.298 ng
RT: 16.519 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN030946.D
Acq: 15 Apr 2024 19:35

Instrument :
BNA_N
ClientSampleId :
PB159883BS

Tgt Ion:200 Resp: 2340

Ion	Ratio	Lower	Upper
200	100		
173	25.7	29.9	44.9#
215	50.4	38.7	58.1

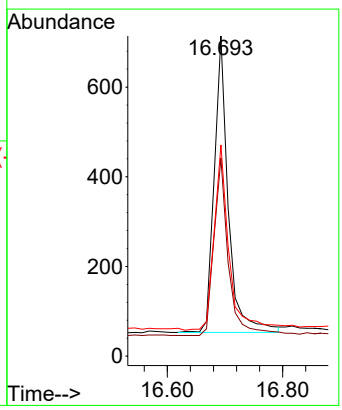


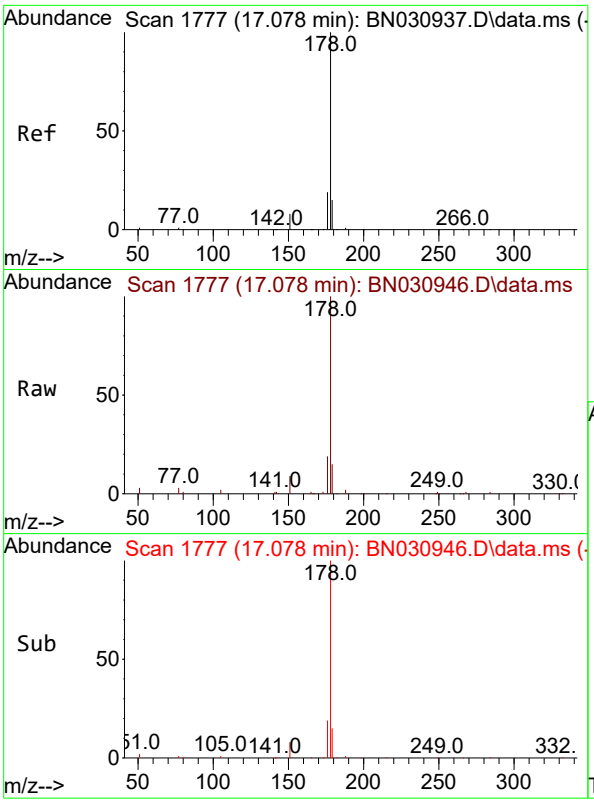


#24
Pentachlorophenol
Concen: 0.350 ng
RT: 16.693 min Scan# 1746
Delta R.T. -0.000 min
Lab File: BN030946.D
Acq: 15 Apr 2024 19:35

Tgt Ion:266 Resp: 1116

Ion	Ratio	Lower	Upper
266	100		
264	61.3	50.2	75.2
268	66.0	52.3	78.5



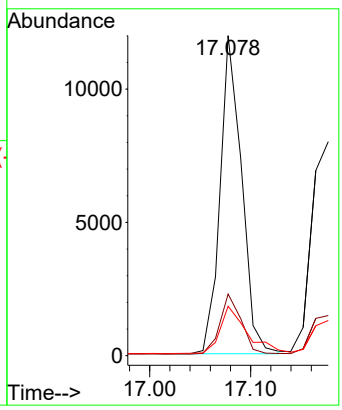


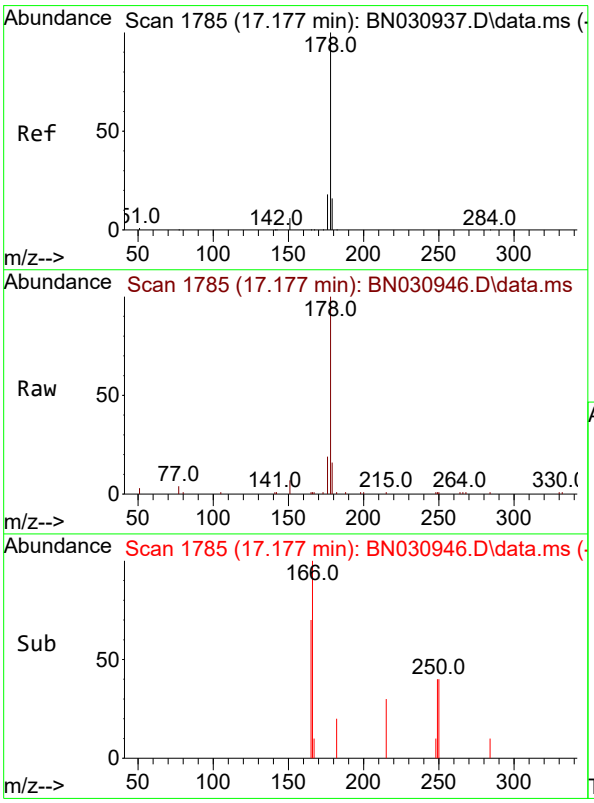
#25
Phenanthrene
Concen: 0.327 ng
RT: 17.078 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030946.D
Acq: 15 Apr 2024 19:35

Instrument :
BNA_N
ClientSampleId :
PB159883BS

Tgt Ion:178 Resp: 17665

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.1	22.7
179	18.4	12.2	18.2#

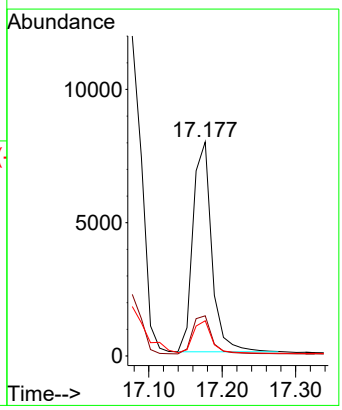


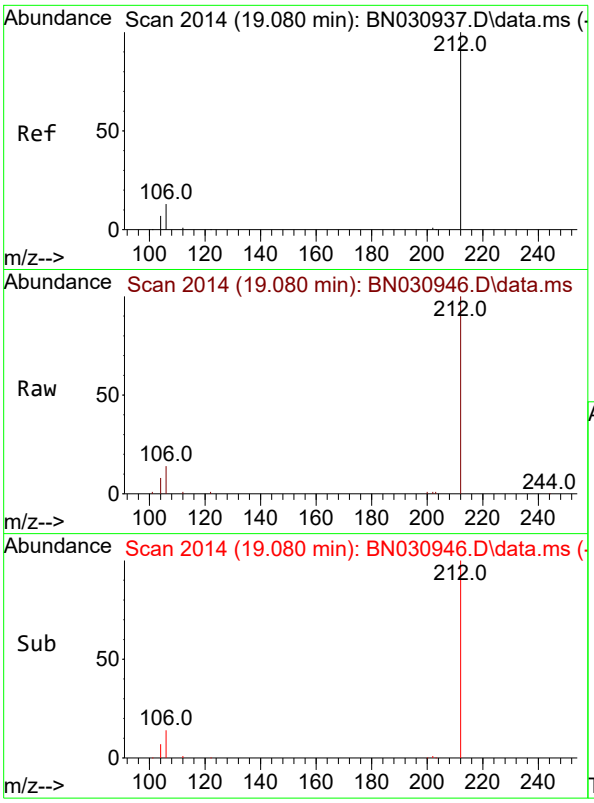


#26
Anthracene
Concen: 0.314 ng
RT: 17.177 min Scan# 1785
Delta R.T. -0.000 min
Lab File: BN030946.D
Acq: 15 Apr 2024 19:35

Tgt Ion:178 Resp: 14009

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	22.0
179	15.3	12.3	18.5



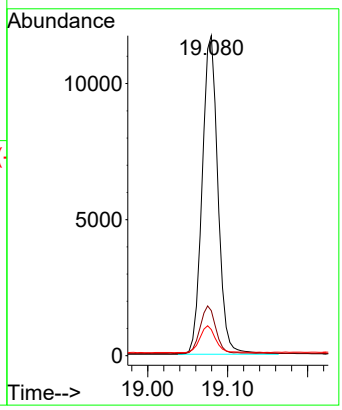


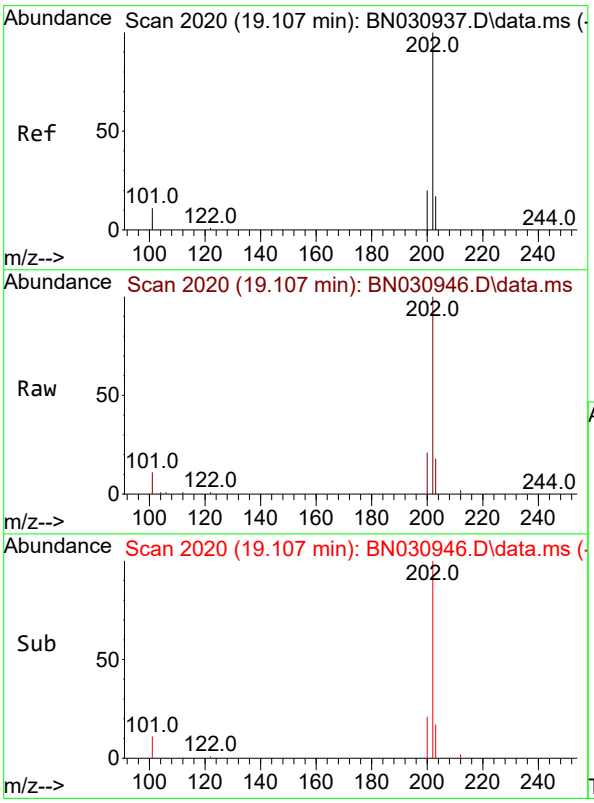
#27
Fluoranthene-d10
Concen: 0.325 ng
RT: 19.080 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN030946.D
Acq: 15 Apr 2024 19:35

Instrument :
BNA_N
ClientSampleId :
PB159883BS

Tgt Ion:212 Resp: 16018

Ion	Ratio	Lower	Upper
212	100		
106	15.1	12.0	18.0
104	8.5	6.7	10.1

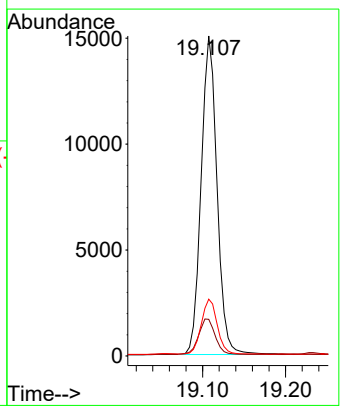


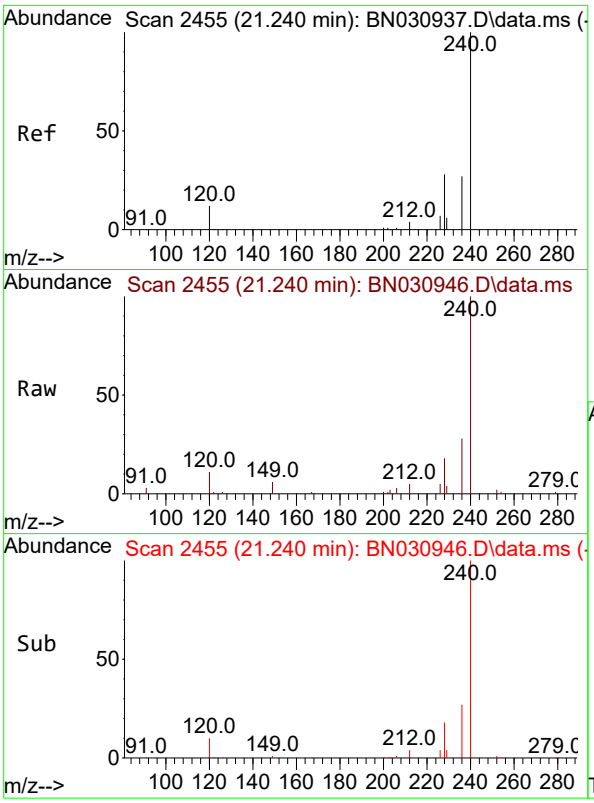


#28
Fluoranthene
Concen: 0.309 ng
RT: 19.107 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BN030946.D
Acq: 15 Apr 2024 19:35

Tgt Ion:202 Resp: 20031

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.4	14.2
203	17.4	13.8	20.8



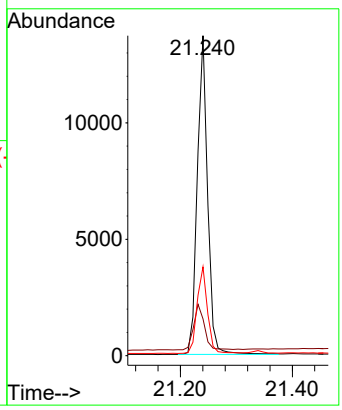


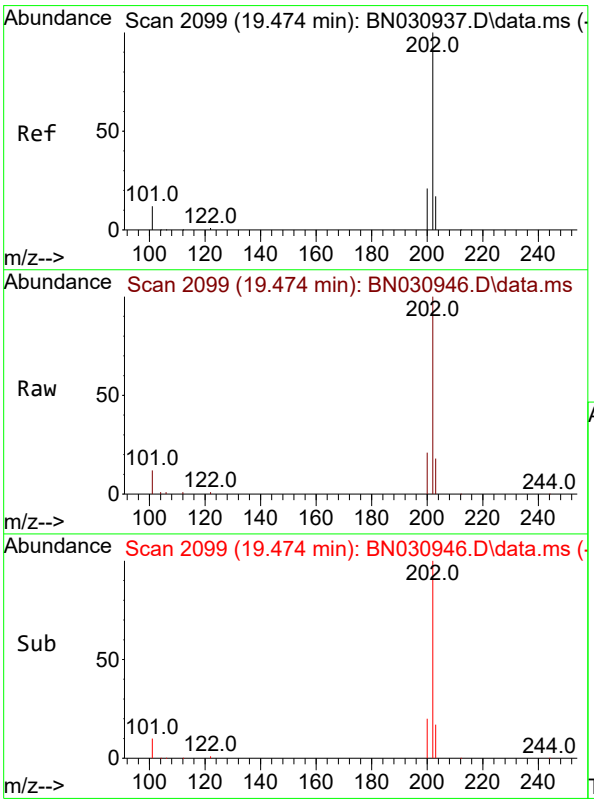
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.240 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN030946.D
Acq: 15 Apr 2024 19:35

Instrument :
BNA_N
ClientSampleId :
PB159883BS

Tgt Ion:240 Resp: 17539

Ion	Ratio	Lower	Upper
240	100		
120	11.5	11.0	16.4
236	27.7	22.3	33.5

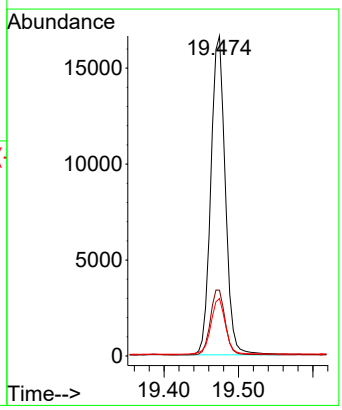


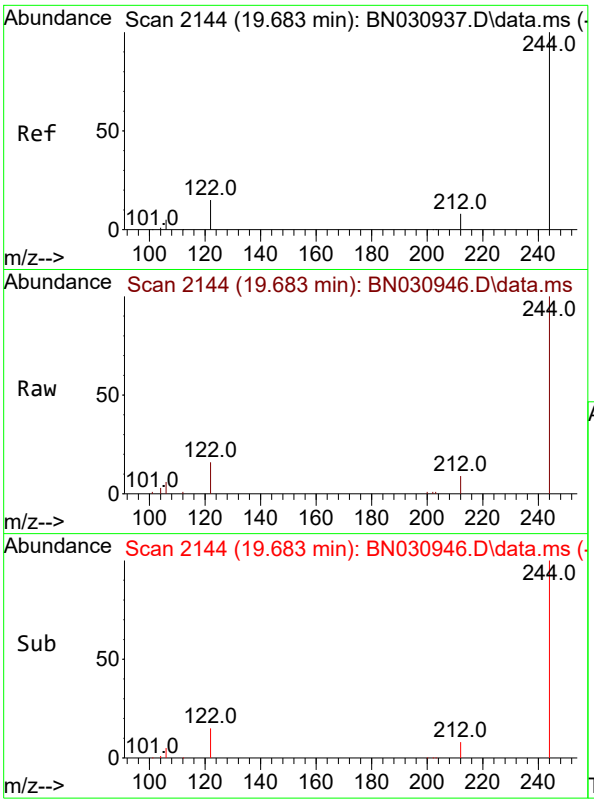


#30
Pyrene
Concen: 0.329 ng
RT: 19.474 min Scan# 2099
Delta R.T. -0.000 min
Lab File: BN030946.D
Acq: 15 Apr 2024 19:35

Tgt Ion:202 Resp: 22374

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	17.8	14.3	21.5



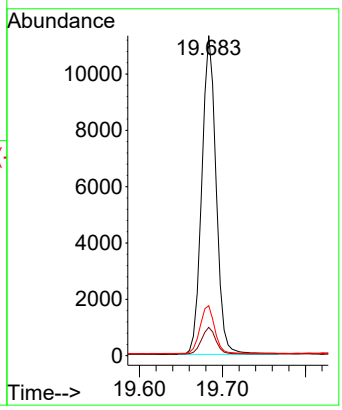


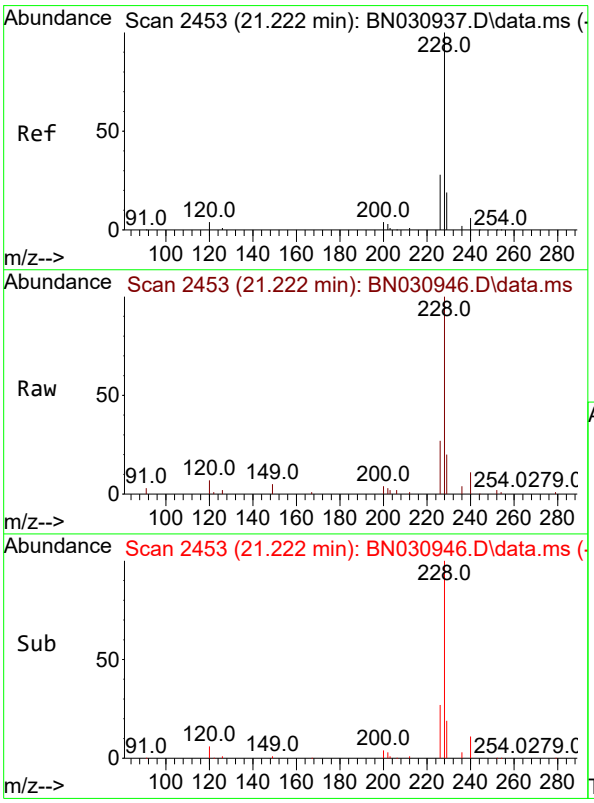
#31
Terphenyl-d14
Concen: 0.334 ng
RT: 19.683 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN030946.D
Acq: 15 Apr 2024 19:35

Instrument :
BNA_N
ClientSampleId :
PB159883BS

Tgt Ion:244 Resp: 13617

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.2	10.8
122	15.6	12.7	19.1

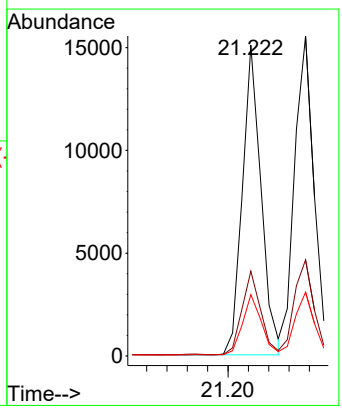


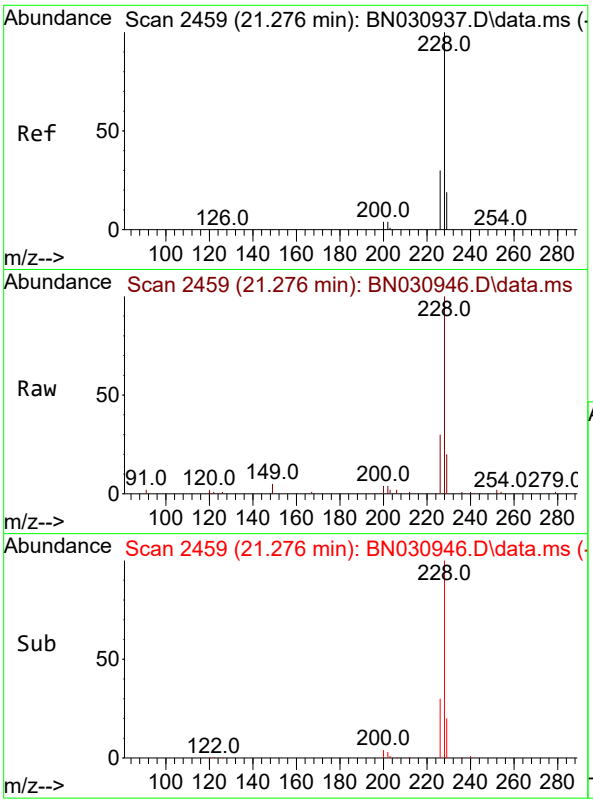


#32
Benzo(a)anthracene
Concen: 0.315 ng
RT: 21.222 min Scan# 2453
Delta R.T. -0.000 min
Lab File: BN030946.D
Acq: 15 Apr 2024 19:35

Tgt Ion:228 Resp: 19239

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.4	33.6
229	19.7	15.7	23.5



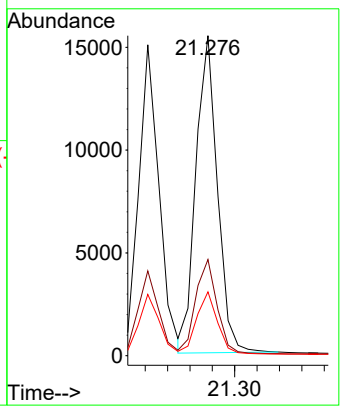


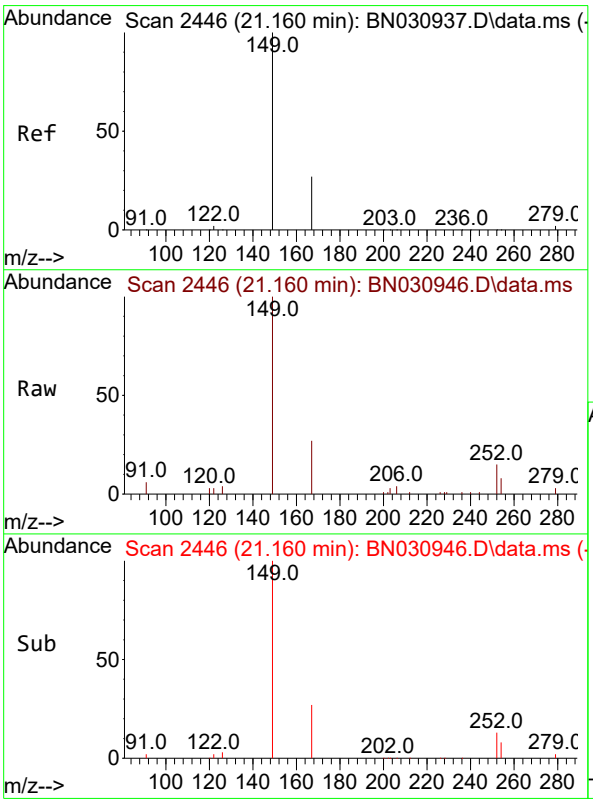
#33
Chrysene
Concen: 0.309 ng
RT: 21.276 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN030946.D
Acq: 15 Apr 2024 19:35

Instrument :
BNA_N
ClientSampleId :
PB159883BS

Tgt Ion:228 Resp: 20552

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.9	35.9
229	20.0	15.8	23.6

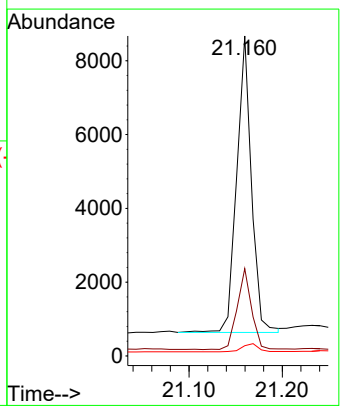


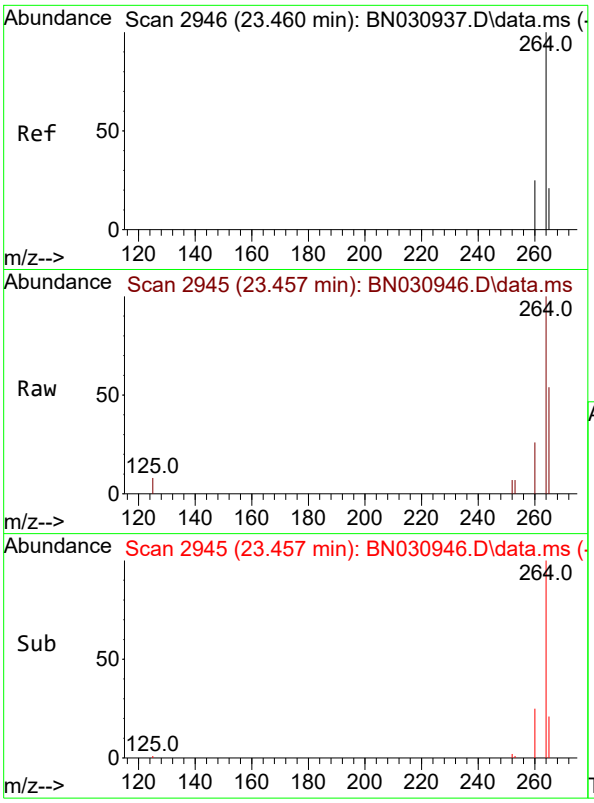


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.314 ng
RT: 21.160 min Scan# 2446
Delta R.T. -0.000 min
Lab File: BN030946.D
Acq: 15 Apr 2024 19:35

Tgt Ion:149 Resp: 8804

Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.0	31.4
279	3.2	2.9	4.3



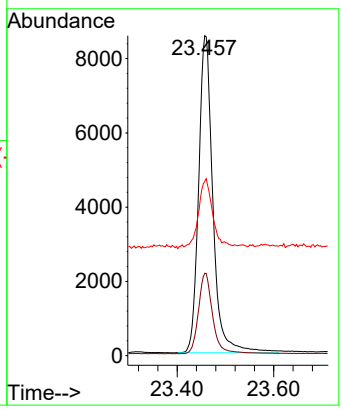


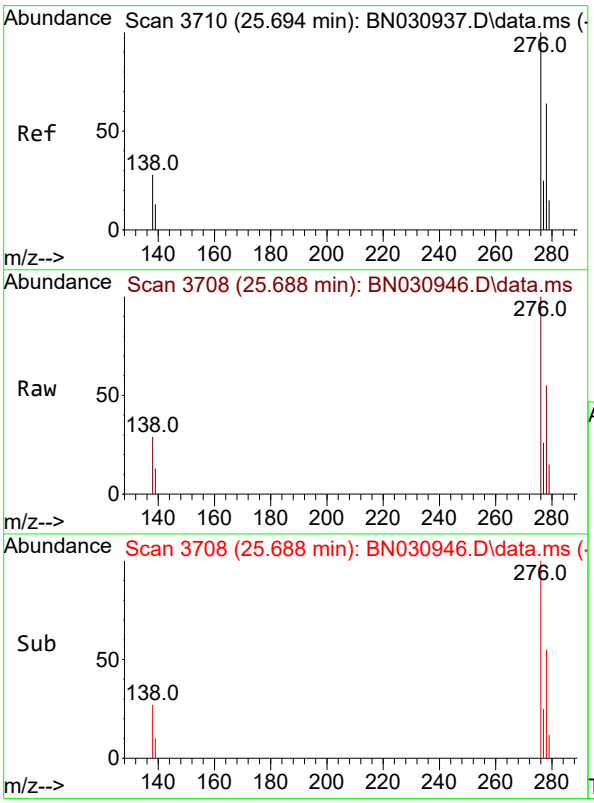
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.457 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN030946.D
Acq: 15 Apr 2024 19:35

Instrument :
BNA_N
ClientSampleId :
PB159883BS

Tgt Ion:264 Resp: 17522

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.6	31.0
265	54.4	53.3	79.9

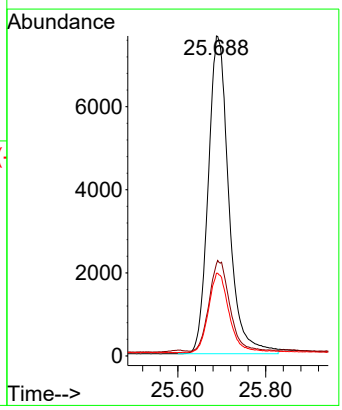


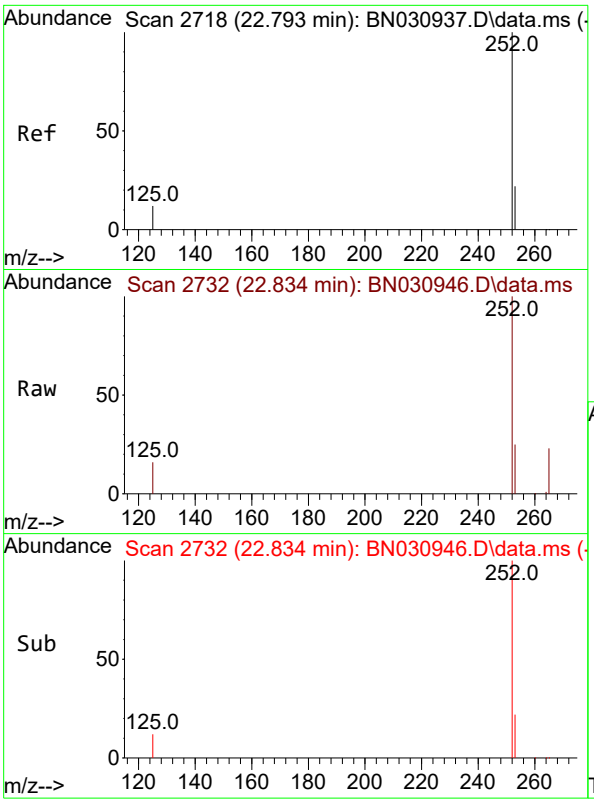


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.305 ng
RT: 25.688 min Scan# 3708
Delta R.T. -0.006 min
Lab File: BN030946.D
Acq: 15 Apr 2024 19:35

Tgt Ion:276 Resp: 24878

Ion	Ratio	Lower	Upper
276	100		
138	28.5	23.1	34.7
277	25.0	19.9	29.9



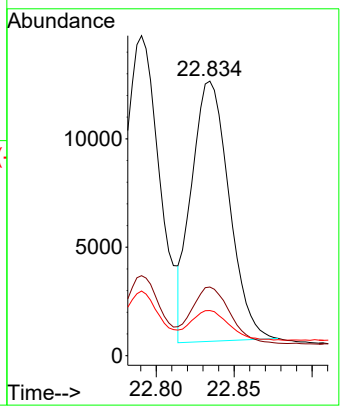


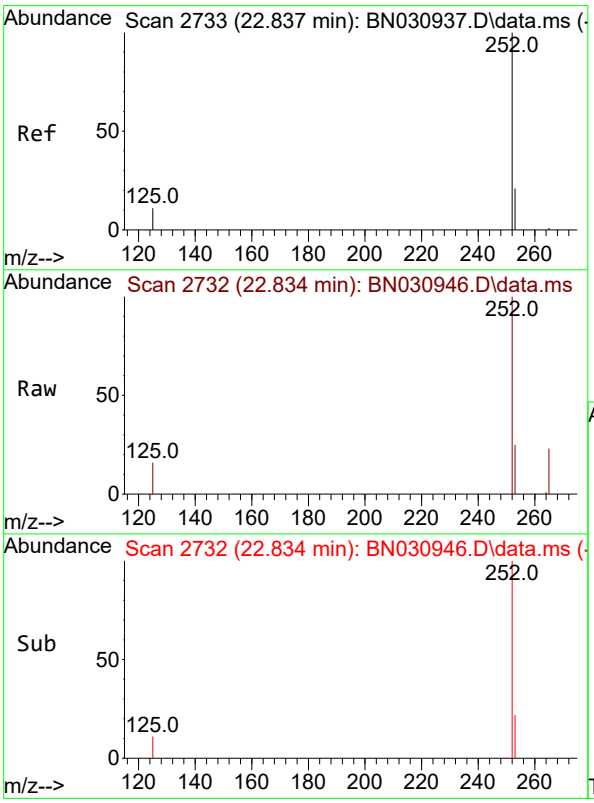
#37
Benzo(b)fluoranthene
Concen: 0.279 ng
RT: 22.834 min Scan# 2
Delta R.T. 0.041 min
Lab File: BN030946.D
Acq: 15 Apr 2024 19:35

Instrument :
BNA_N
ClientSampleId :
PB159883BS

Tgt Ion:252 Resp: 20155

Ion	Ratio	Lower	Upper
252	100		
253	25.0	20.2	30.2
125	16.4	13.4	20.2

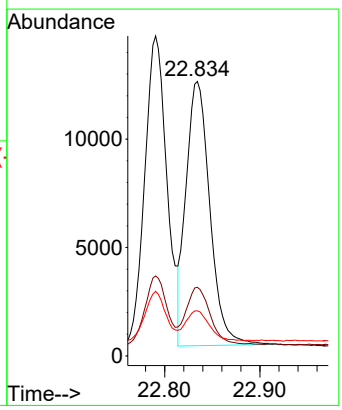


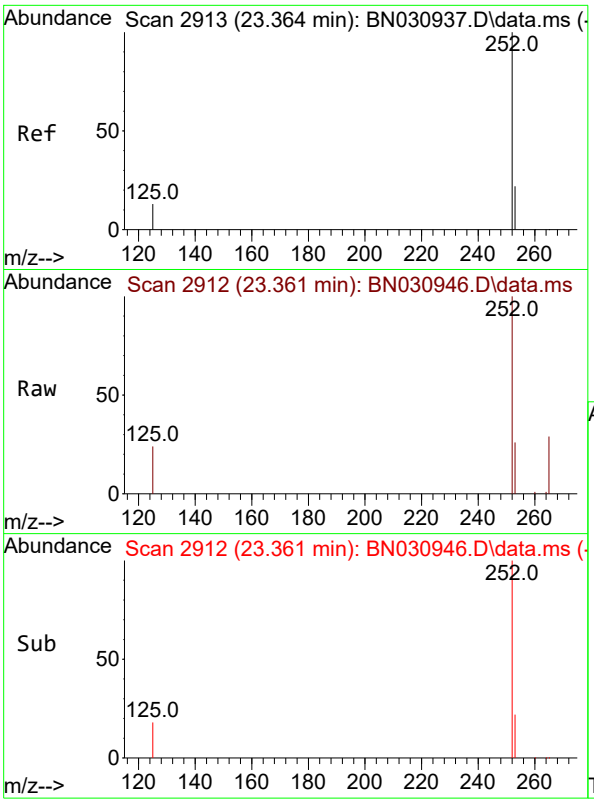


#38
Benzo(k)fluoranthene
Concen: 0.300 ng
RT: 22.834 min Scan# 2732
Delta R.T. -0.003 min
Lab File: BN030946.D
Acq: 15 Apr 2024 19:35

Tgt Ion:252 Resp: 21232

Ion	Ratio	Lower	Upper
252	100		
253	25.0	19.9	29.9
125	16.4	13.2	19.8



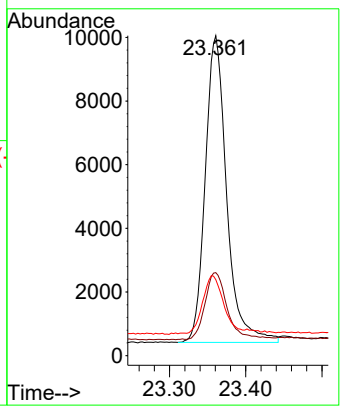


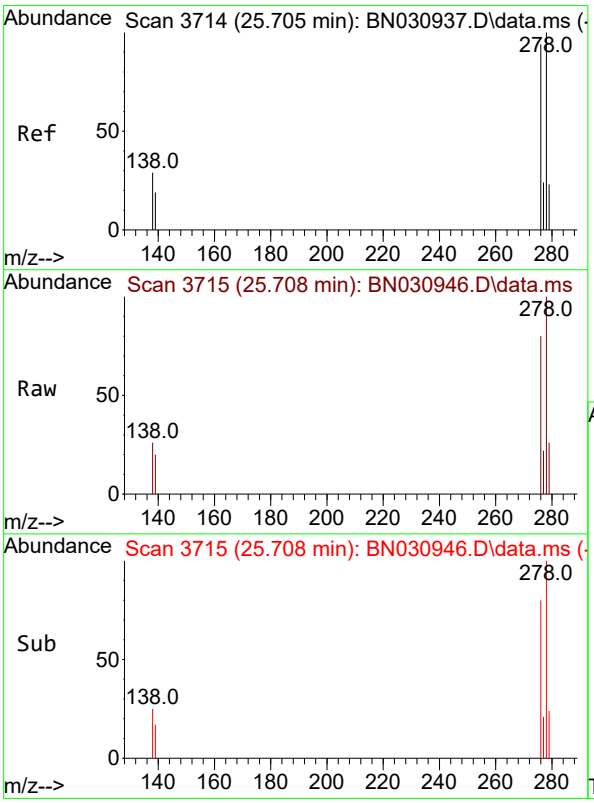
#39
Benzo(a)pyrene
Concen: 0.313 ng
RT: 23.361 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN030946.D
Acq: 15 Apr 2024 19:35

Instrument :
BNA_N
ClientSampleId :
PB159883BS

Tgt Ion:252 Resp: 18824

Ion	Ratio	Lower	Upper
252	100		
253	26.0	21.4	32.2
125	23.7	16.6	25.0

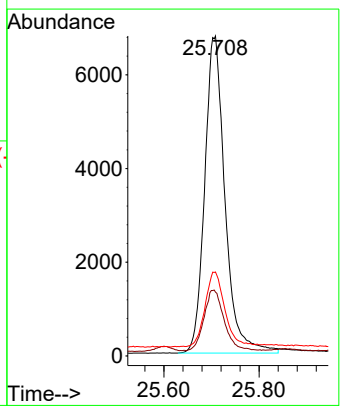


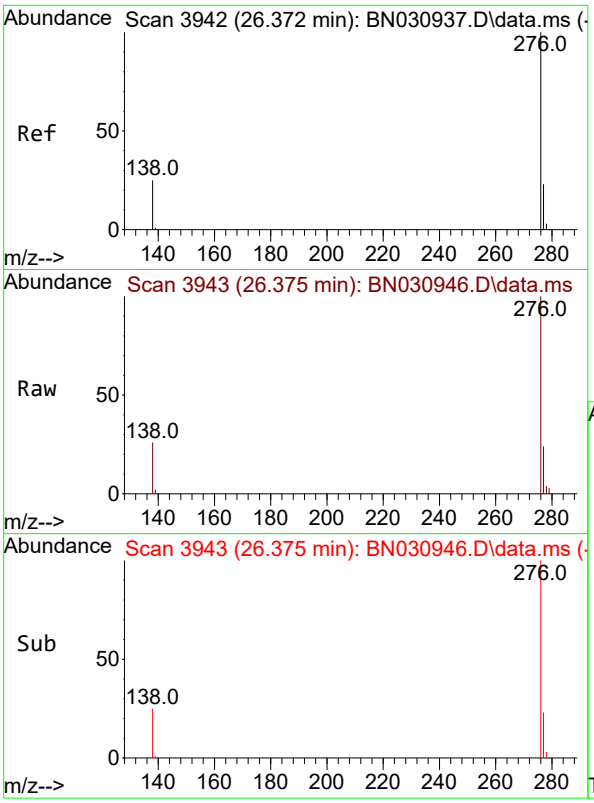


#40
Dibenzo(a,h)anthracene
Concen: 0.308 ng
RT: 25.708 min Scan# 3715
Delta R.T. 0.003 min
Lab File: BN030946.D
Acq: 15 Apr 2024 19:35

Tgt Ion:278 Resp: 20069

Ion	Ratio	Lower	Upper
278	100		
139	19.9	16.3	24.5
279	26.3	20.6	31.0





#41
Benzo(g,h,i)perylene
Concen: 0.300 ng
RT: 26.375 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN030946.D
Acq: 15 Apr 2024 19:35

Instrument :
BNA_N
ClientSampleId :
PB159883BS

Tgt Ion:276 Resp: 21551

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.4	29.2
138	26.3	21.0	31.4