Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120122\
Data File : BN023032.D
Acq On : 02 Dec 2022 01:17
Operator : CG/JU
Sample : PB149367BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB149367BS

Quant Time: Dec 02 02:33:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 02 02:30:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.056	152	5749	0.400	ng		0.00
7) Naphthalene-d8	10.872	136	15063	0.400	ng		0.00
13) Acenaphthene-d10	14.687	164	6983	0.400	ng		0.00
19) Phenanthrene-d10	17.439	188	13001	0.400	ng	#	0.00
29) Chrysene-d12	21.620	240	8574	0.400	ng	#	0.00
35) Perylene-d12	24.098	264	7037	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.593	112	5059	0.339	ng		0.00
5) Phenol-d6	7.204	99	6472	0.340	ng		0.00
8) Nitrobenzene-d5	9.217	82	4699	0.402	ng		0.00
11) 2-Methylnaphthalene-d10	12.457	152	11946	0.366	ng		0.00
14) 2,4,6-Tribromophenol	16.173	330	1008	0.299	ng		-0.01
15) 2-Fluorobiphenyl	13.319	172	13891	0.435	ng		0.00
27) Fluoranthene-d10	19.464	212	12056	0.341	ng		0.00
31) Terphenyl-d14	20.053	244	7294	0.362	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.441	88	2774	0.380	ng		98
3) n-Nitrosodimethylamine	3.773	42	2724	0.346	ng		91
6) bis(2-Chloroethyl)ether	7.471	93	7191	0.402	ng		99
9) Naphthalene	10.925	128	18253	0.393	ng		100
10) Hexachlorobutadiene	11.213	225	3843	0.404	ng	#	100
12) 2-Methylnaphthalene	12.143	142	2652	0.280	ng	#	96
16) Acenaphthylene	14.409	152	12941	0.350	ng		99
17) Acenaphthene	14.751	154	9546	0.392	ng		98
18) Fluorene	15.738	166	11082	0.356	ng		99
20) 4,6-Dinitro-2-methylph...	15.800	198	657	0.452	ng		92
21) 4-Bromophenyl-phenylether	16.632	248	3524	0.376	ng	#	77
22) Hexachlorobenzene	16.744	284	4717	0.412	ng		96
23) Atrazine	16.893	200	1985	0.300	ng		92
24) Pentachlorophenol	17.079	266	1017	0.324	ng		98
25) Phenanthrene	17.476	178	17865	0.395	ng		100
26) Anthracene	17.563	178	13705	0.349	ng		99
28) Fluoranthene	19.494	202	16934	0.352	ng		99
30) Pyrene	19.856	202	16271	0.365	ng		100
32) Benzo(a)anthracene	21.602	228	12611	0.364	ng		100
33) Chrysene	21.656	228	15072	0.419	ng		99
34) Bis(2-ethylhexyl)phtha...	21.522	149	5328	0.383	ng		96
36) Indeno(1,2,3-cd)pyrene	26.697	276	15285	0.524	ng		96
37) Benzo(b)fluoranthene	23.338	252	13021	0.415	ng	#	93
38) Benzo(k)fluoranthene	23.388	252	13142	0.386	ng	#	94
39) Benzo(a)pyrene	23.987	252	10121	0.422	ng	#	88
40) Dibenzo(a,h)anthracene	26.718	278	12188	0.526	ng		96
41) Benzo(g,h,i)perylene	27.495	276	12078	0.483	ng		97

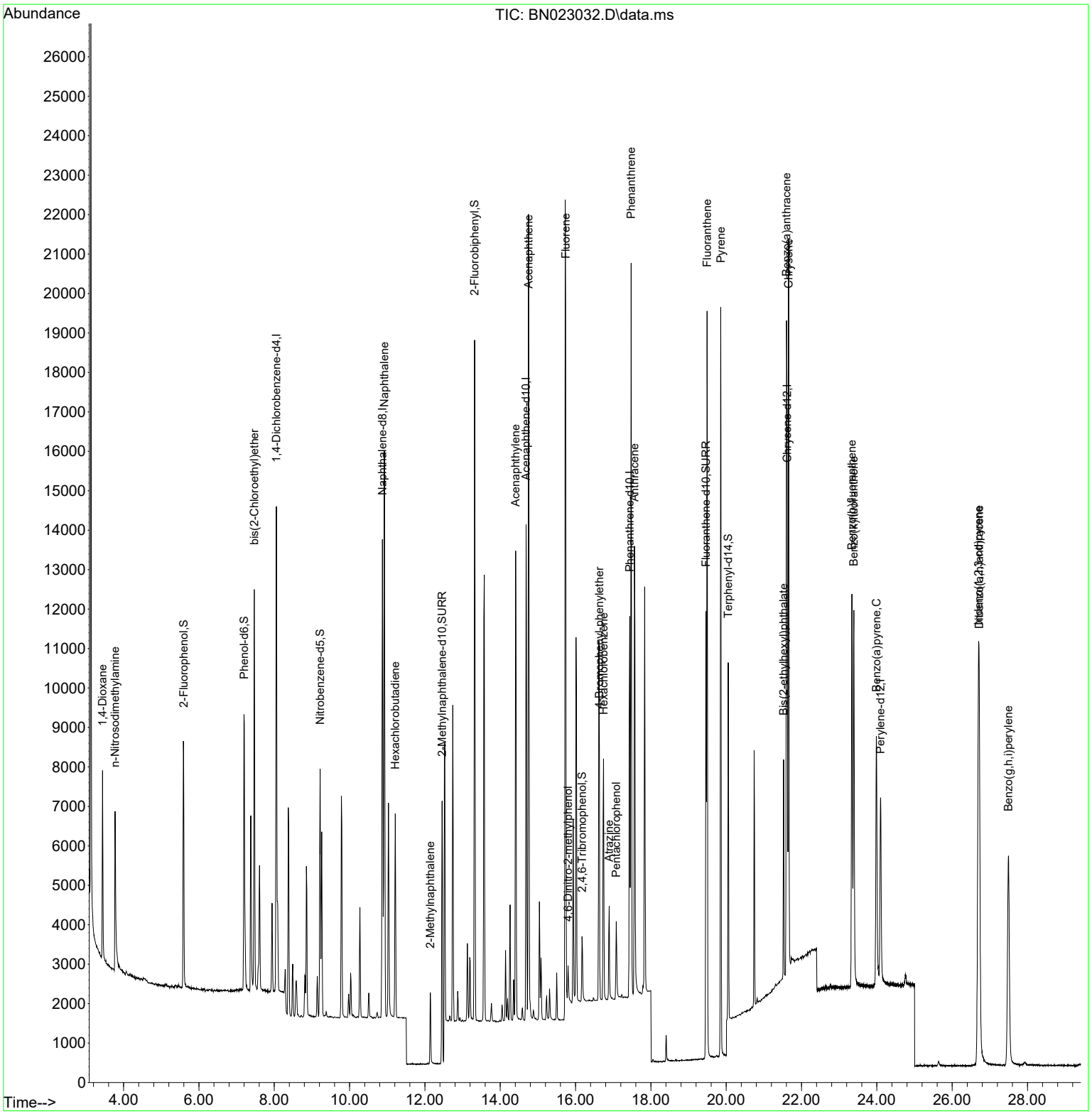
(#) = qualifier out of range (m) = manual integration (+) = signals summed

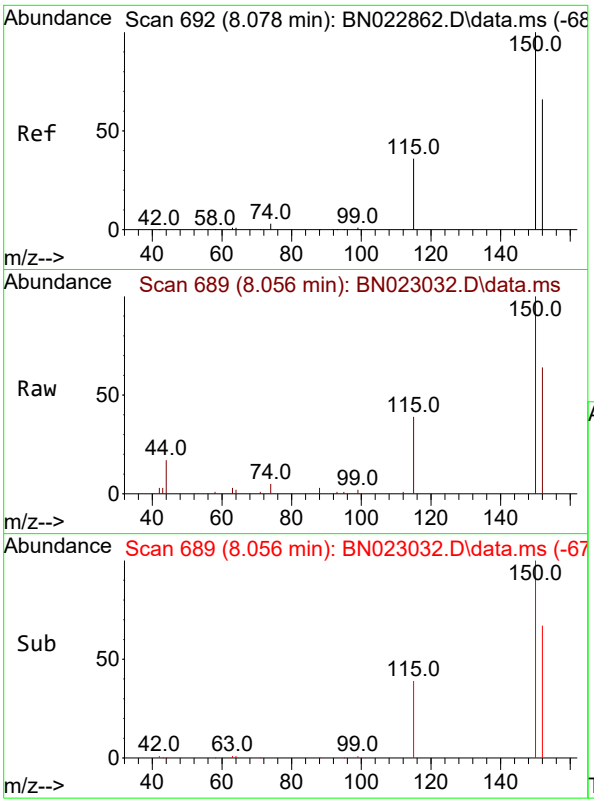
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120122\
Data File : BN023032.D
Acq On : 02 Dec 2022 01:17
Operator : CG/JU
Sample : PB149367BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB149367BS

Quant Time: Dec 02 02:33:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 02 02:30:10 2022
Response via : Initial Calibration



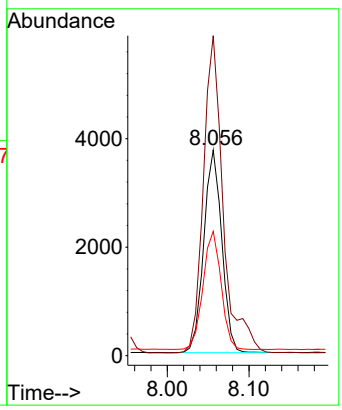


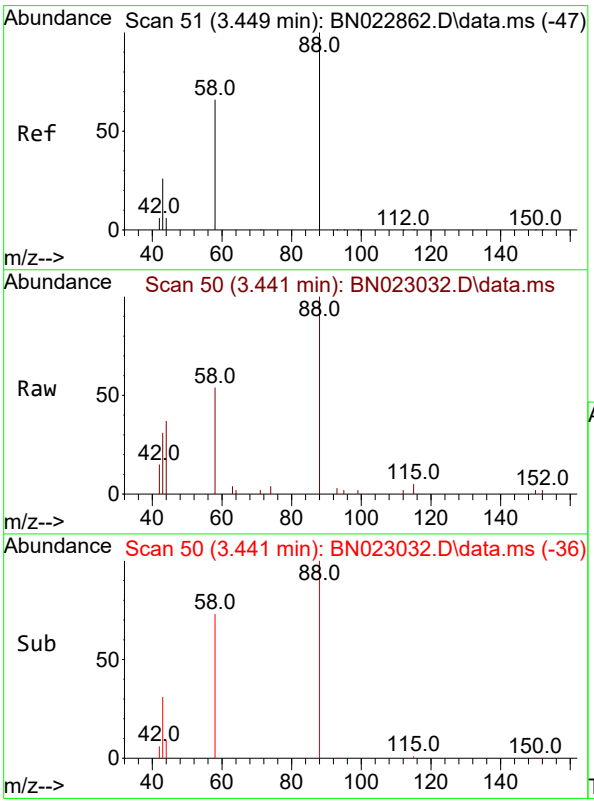
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.056 min Scan# 6
Delta R.T. -0.001 min
Lab File: BN023032.D
Acq: 02 Dec 2022 01:17

Instrument :
BNA_N
ClientSampleId :
PB149367BS

Tgt Ion:152 Resp: 5749

Ion	Ratio	Lower	Upper
152	100		
150	155.6	121.2	181.8
115	60.5	46.2	69.4

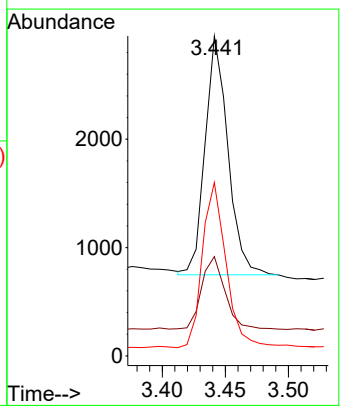


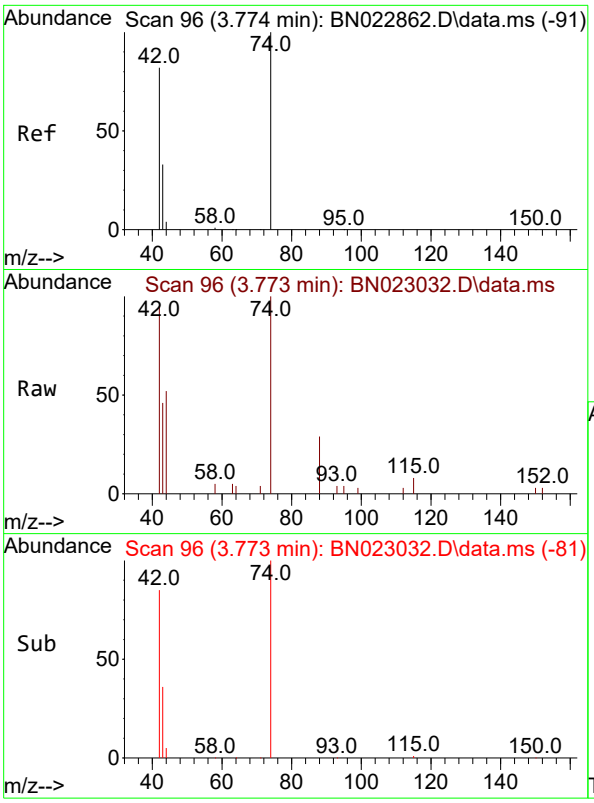


#2
1,4-Dioxane
Concen: 0.380 ng
RT: 3.441 min Scan# 50
Delta R.T. -0.000 min
Lab File: BN023032.D
Acq: 02 Dec 2022 01:17

Tgt Ion: 88 Resp: 2774

Ion	Ratio	Lower	Upper
88	100		
43	31.1	25.4	38.2
58	72.0	56.5	84.7



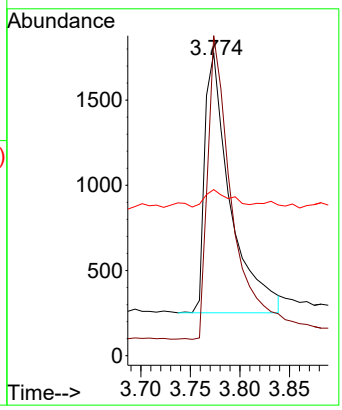


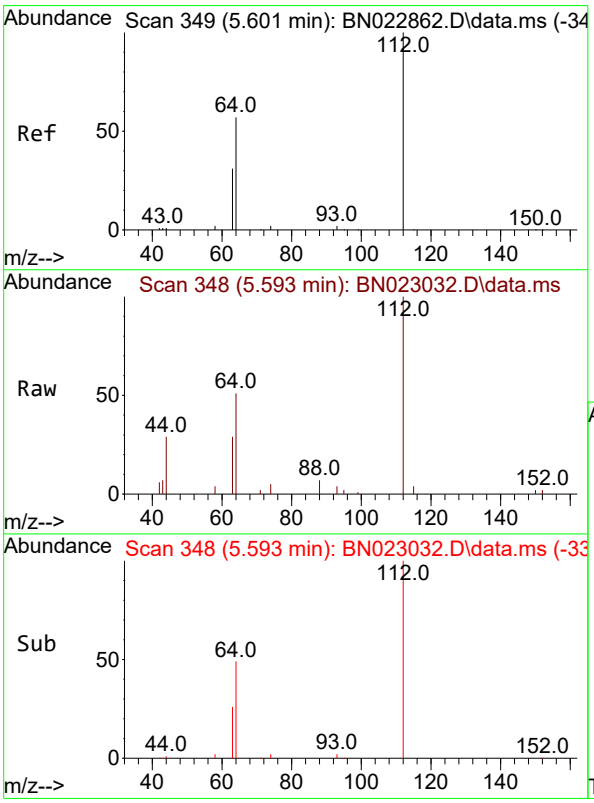
#3
n-Nitrosodimethylamine
Concen: 0.346 ng
RT: 3.773 min Scan# 9
Delta R.T. 0.007 min
Lab File: BN023032.D
Acq: 02 Dec 2022 01:17

Instrument :
BNA_N
ClientSampleId :
PB149367BS

Tgt Ion: 42 Resp: 2724

Ion	Ratio	Lower	Upper
42	100		
74	113.8	99.3	148.9
44	6.5	5.4	8.2

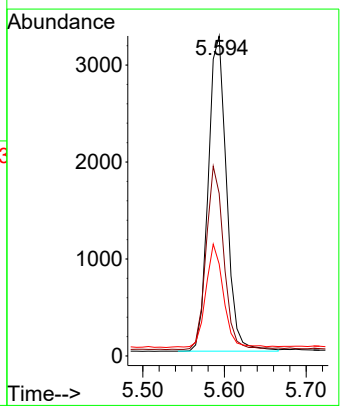


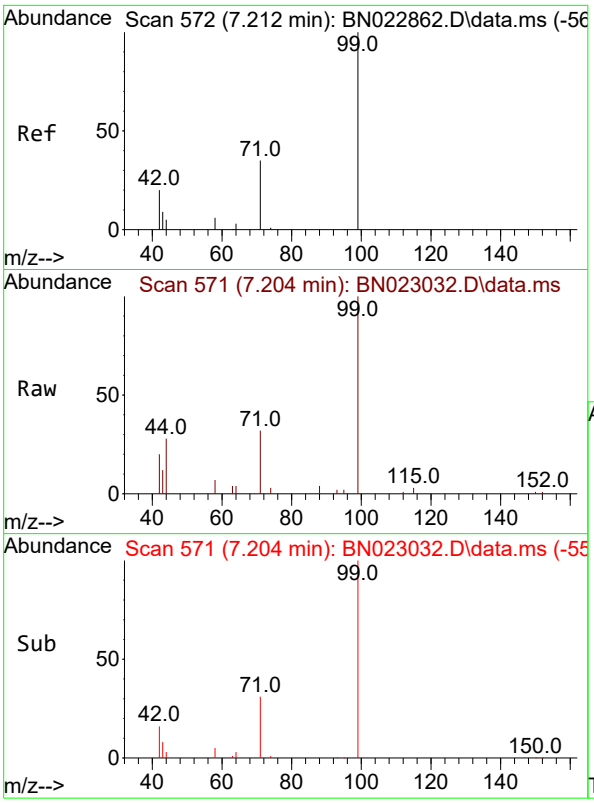


#4
2-Fluorophenol
Concen: 0.339 ng
RT: 5.593 min Scan# 348
Delta R.T. -0.000 min
Lab File: BN023032.D
Acq: 02 Dec 2022 01:17

Tgt Ion:112 Resp: 5059

Ion	Ratio	Lower	Upper
112	100		
64	56.9	43.4	65.2
63	31.7	23.4	35.2



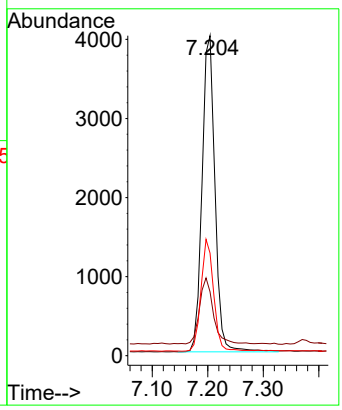


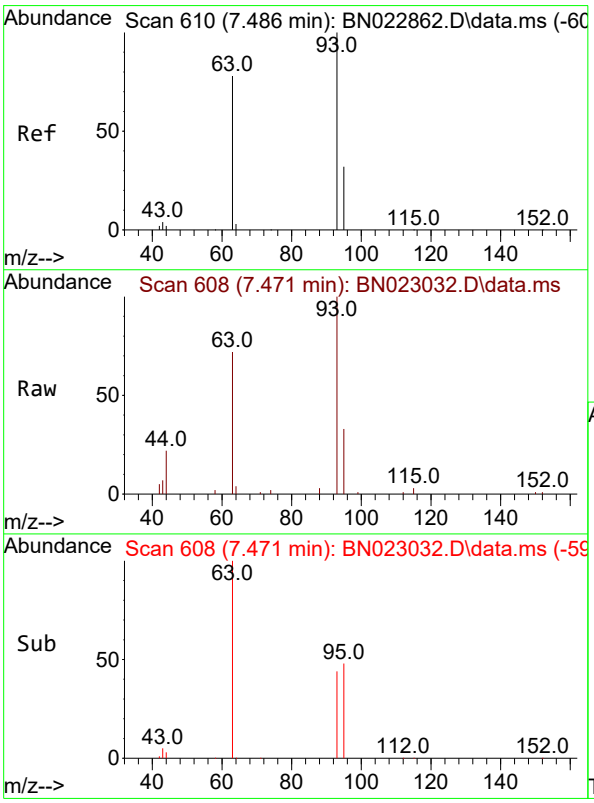
#5
Phenol-d6
Concen: 0.340 ng
RT: 7.204 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN023032.D
Acq: 02 Dec 2022 01:17

Instrument :
BNA_N
ClientSampleId :
PB149367BS

Tgt Ion: 99 Resp: 6472

Ion	Ratio	Lower	Upper
99	100		
42	22.2	16.0	24.0
71	34.5	26.8	40.2

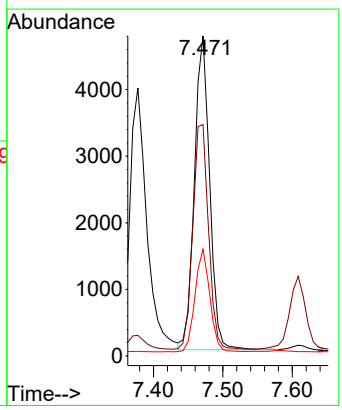


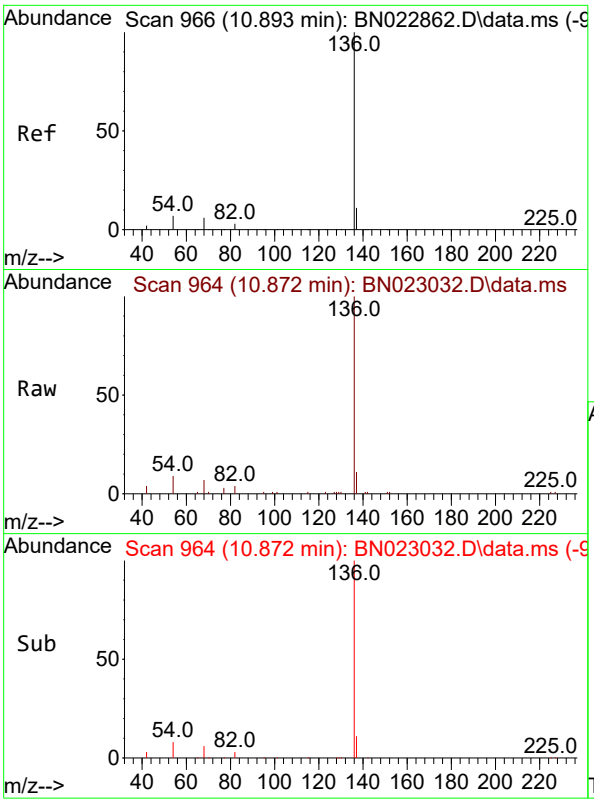


#6
bis(2-Chloroethyl)ether
Concen: 0.402 ng
RT: 7.471 min Scan# 608
Delta R.T. -0.000 min
Lab File: BN023032.D
Acq: 02 Dec 2022 01:17

Tgt Ion: 93 Resp: 7191

Ion	Ratio	Lower	Upper
93	100		
63	73.5	58.3	87.5
95	31.7	25.8	38.6



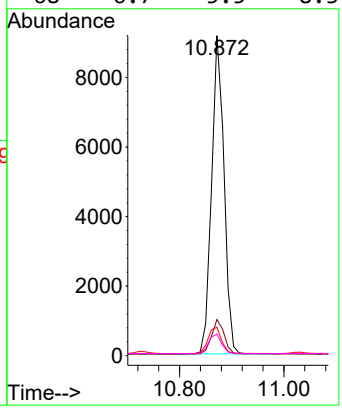


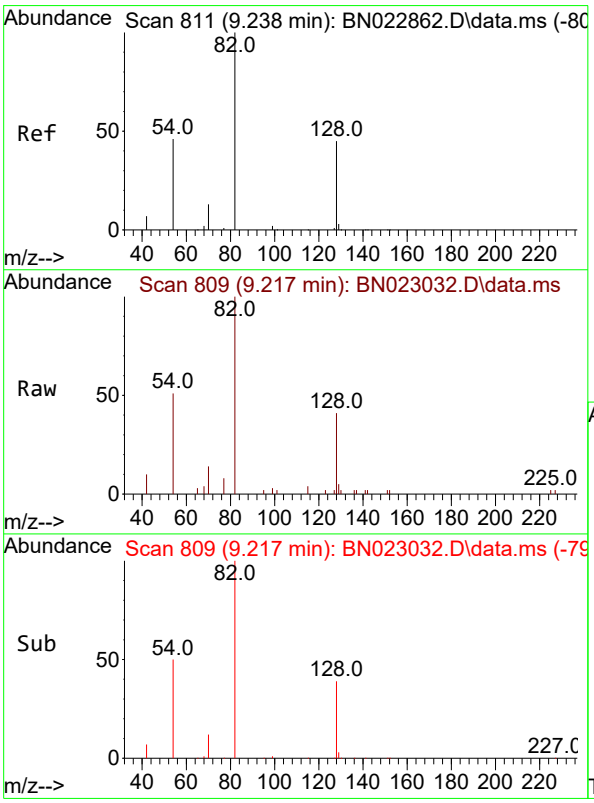
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.872 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN023032.D
Acq: 02 Dec 2022 01:17

Instrument :
BNA_N
ClientSampleId :
PB149367BS

Tgt Ion:136 Resp: 15063

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	8.9	6.6	9.8
68	6.7	5.5	8.3

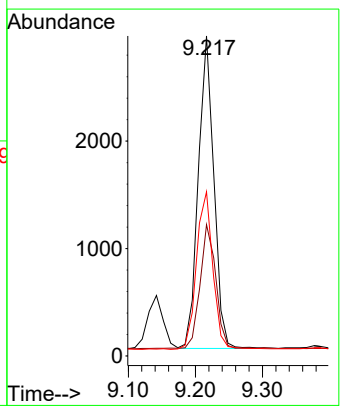


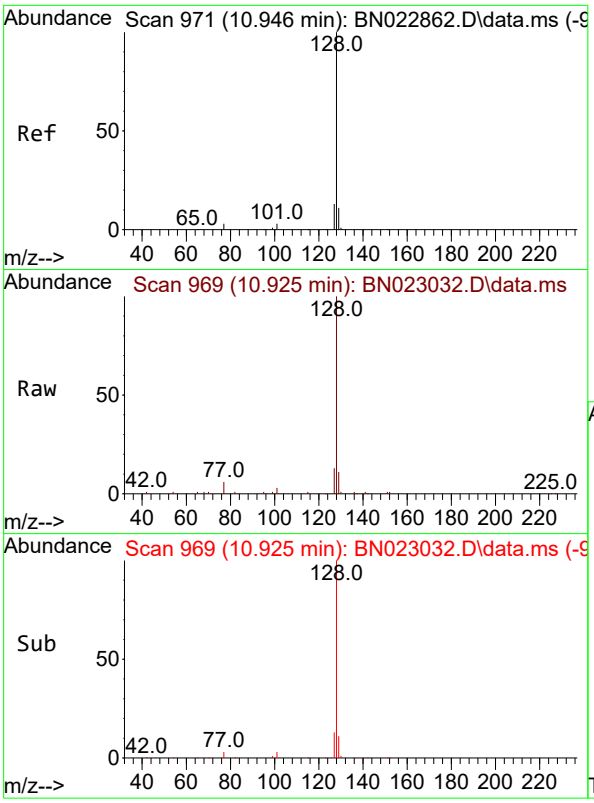


#8
Nitrobenzene-d5
Concen: 0.402 ng
RT: 9.217 min Scan# 809
Delta R.T. -0.000 min
Lab File: BN023032.D
Acq: 02 Dec 2022 01:17

Tgt Ion: 82 Resp: 4699

Ion	Ratio	Lower	Upper
82	100		
128	41.1	36.6	54.8
54	51.3	38.5	57.7



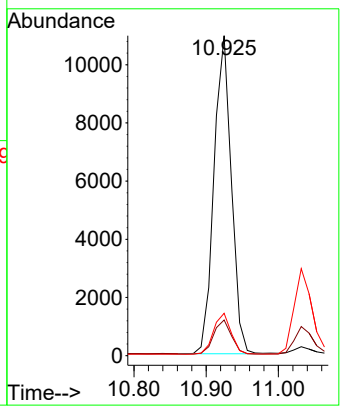


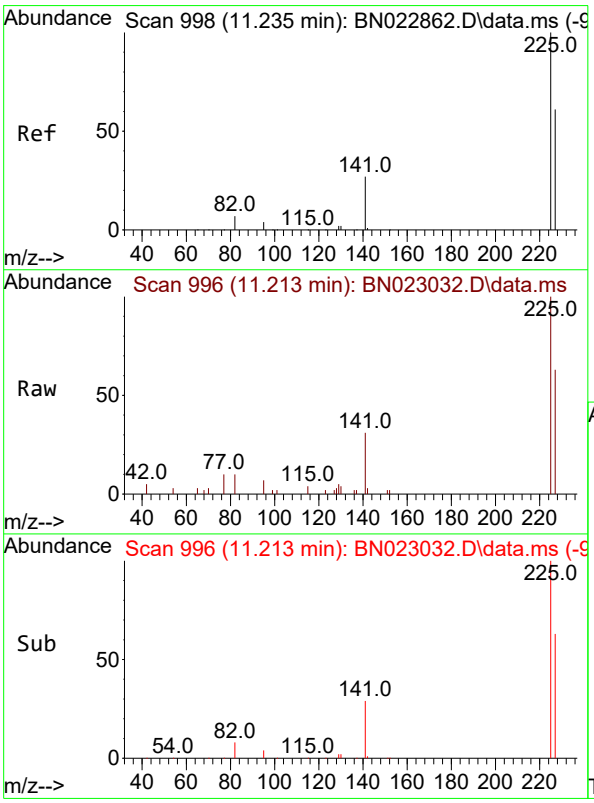
#9
Naphthalene
Concen: 0.393 ng
RT: 10.925 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN023032.D
Acq: 02 Dec 2022 01:17

Instrument :
BNA_N
ClientSampleId :
PB149367BS

Tgt Ion:128 Resp: 18253

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	13.2	10.8	16.2

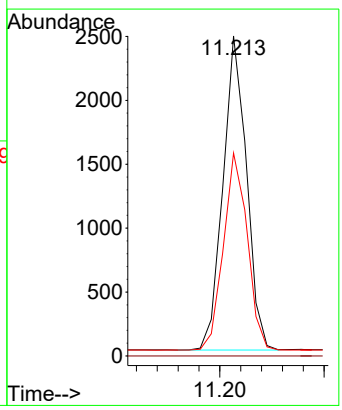


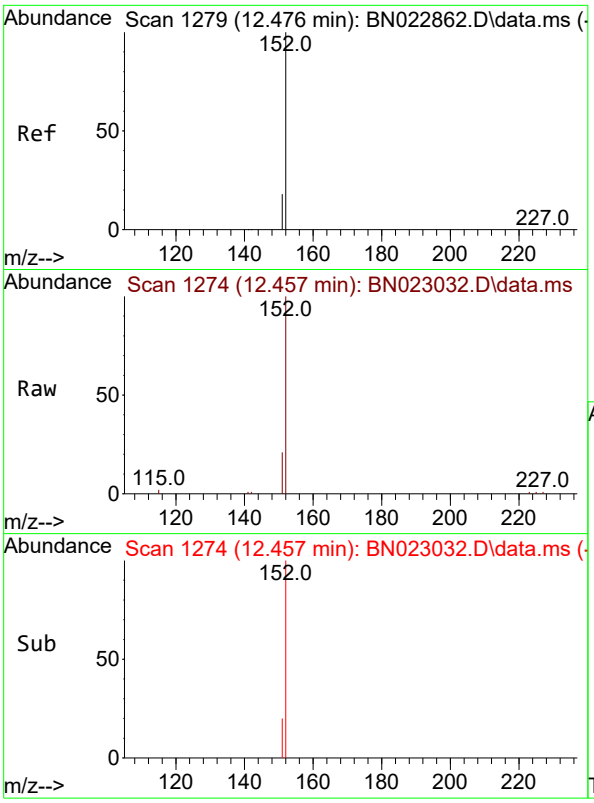


#10
Hexachlorobutadiene
Concen: 0.404 ng
RT: 11.213 min Scan# 996
Delta R.T. -0.000 min
Lab File: BN023032.D
Acq: 02 Dec 2022 01:17

Tgt Ion:225 Resp: 3843

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	50.8	76.2



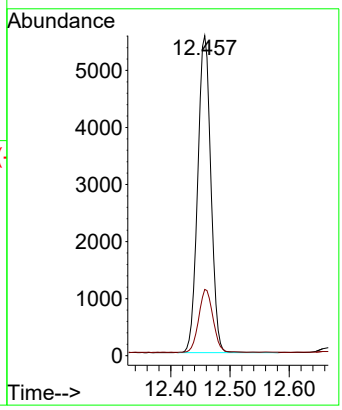


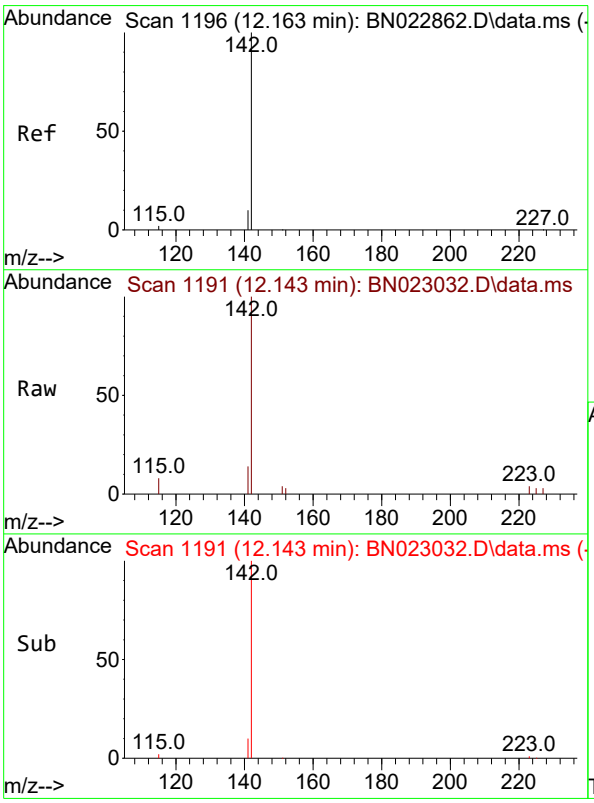
#11
2-Methylnaphthalene-d10
Concen: 0.366 ng
RT: 12.457 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023032.D
Acq: 02 Dec 2022 01:17

Instrument :
BNA_N
ClientSampleId :
PB149367BS

Tgt Ion:152 Resp: 11946

Ion	Ratio	Lower	Upper
152	100		
151	17.4	18.6	27.8#

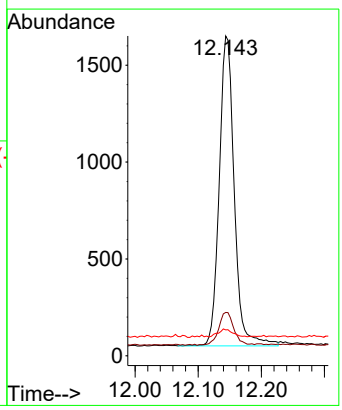


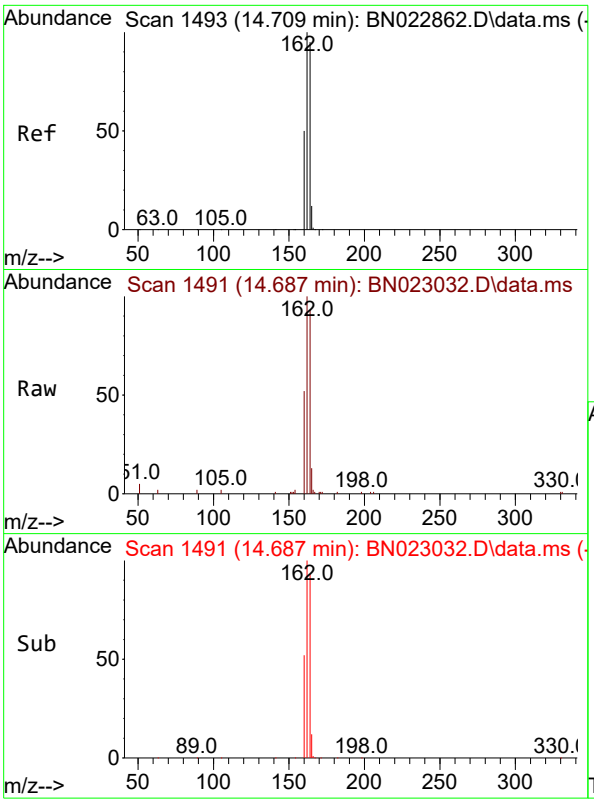


#12
2-Methylnaphthalene
Concen: 0.280 ng
RT: 12.143 min Scan# 1191
Delta R.T. -0.004 min
Lab File: BN023032.D
Acq: 02 Dec 2022 01:17

Tgt Ion:142 Resp: 2652

Ion	Ratio	Lower	Upper
142	100		
141	13.6	10.1	15.1
115	8.1	4.6	7.0#



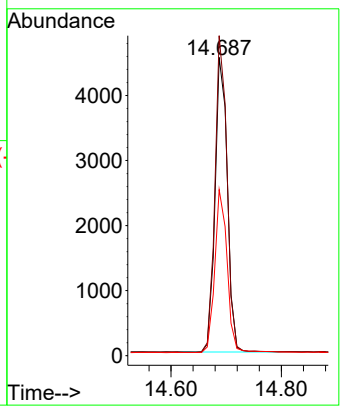


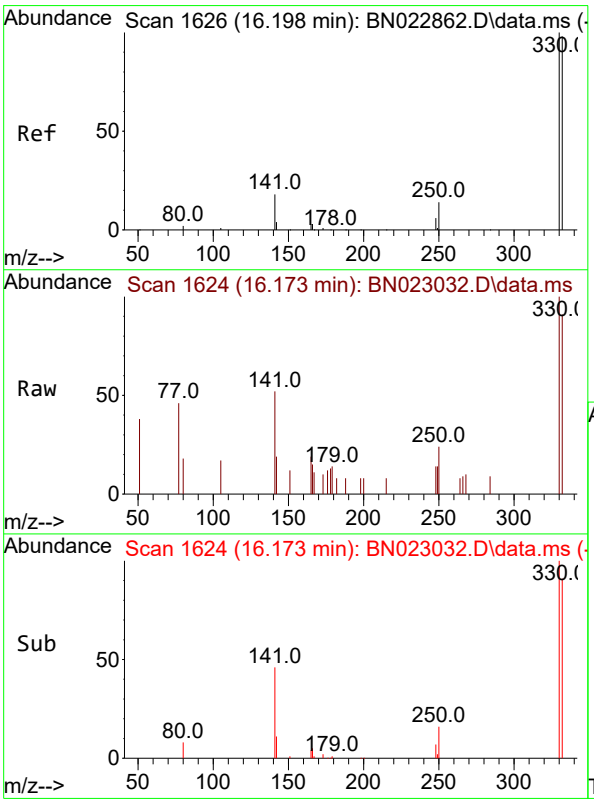
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.687 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN023032.D
Acq: 02 Dec 2022 01:17

Instrument :
BNA_N
ClientSampleId :
PB149367BS

Tgt Ion:164 Resp: 6983

Ion	Ratio	Lower	Upper
164	100		
162	107.3	84.2	126.4
160	55.7	42.5	63.7

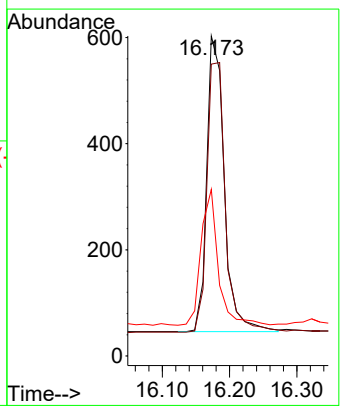


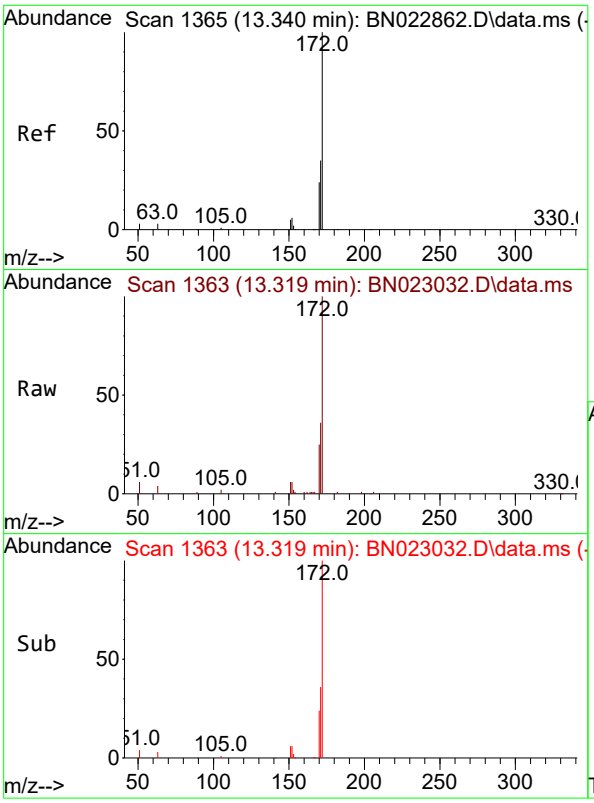


#14
2,4,6-Tribromophenol
Concen: 0.299 ng
RT: 16.173 min Scan# 1624
Delta R.T. -0.013 min
Lab File: BN023032.D
Acq: 02 Dec 2022 01:17

Tgt Ion:330 Resp: 1008

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.5	114.7
141	45.0	32.6	48.8



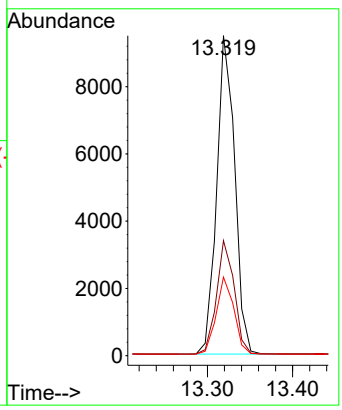


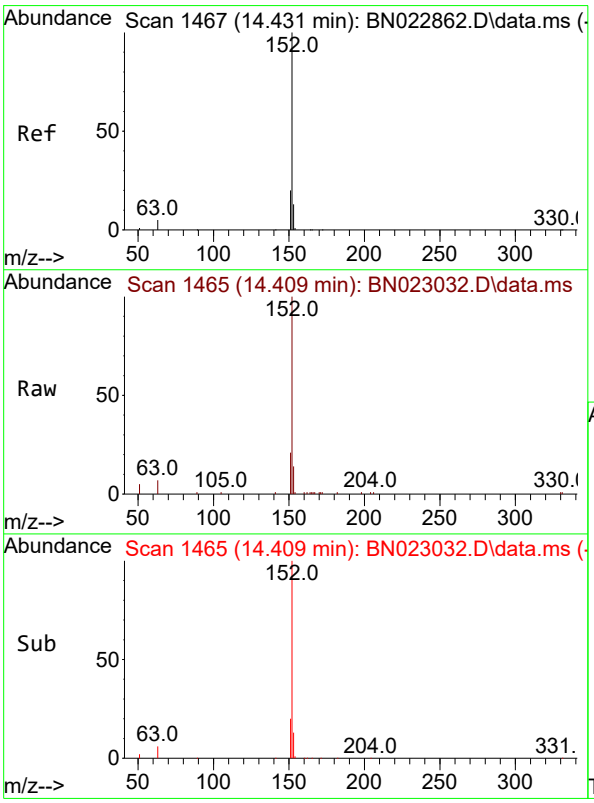
#15
2-Fluorobiphenyl
Concen: 0.435 ng
RT: 13.319 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023032.D
Acq: 02 Dec 2022 01:17

Instrument :
BNA_N
ClientSampleId :
PB149367BS

Tgt Ion:172 Resp: 13891

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.2	42.4
170	24.6	19.3	28.9

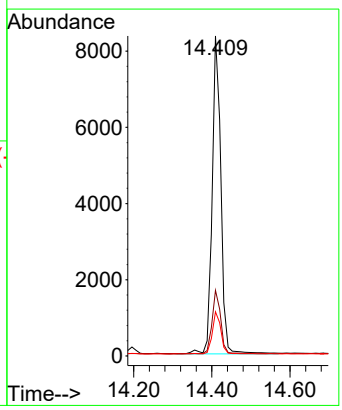


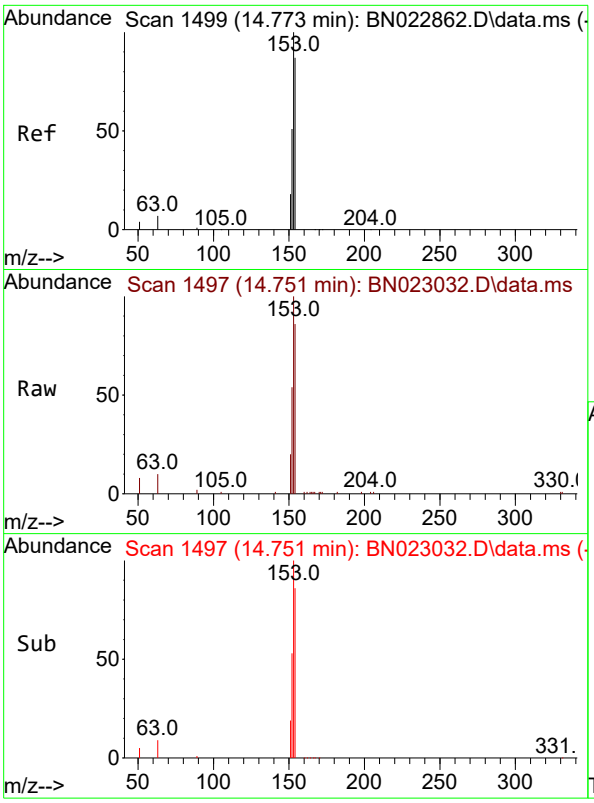


#16
Acenaphthylene
Concen: 0.350 ng
RT: 14.409 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BN023032.D
Acq: 02 Dec 2022 01:17

Tgt Ion:152 Resp: 12941

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.1	24.1
153	13.2	10.5	15.7



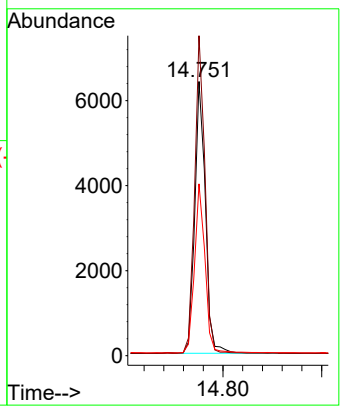


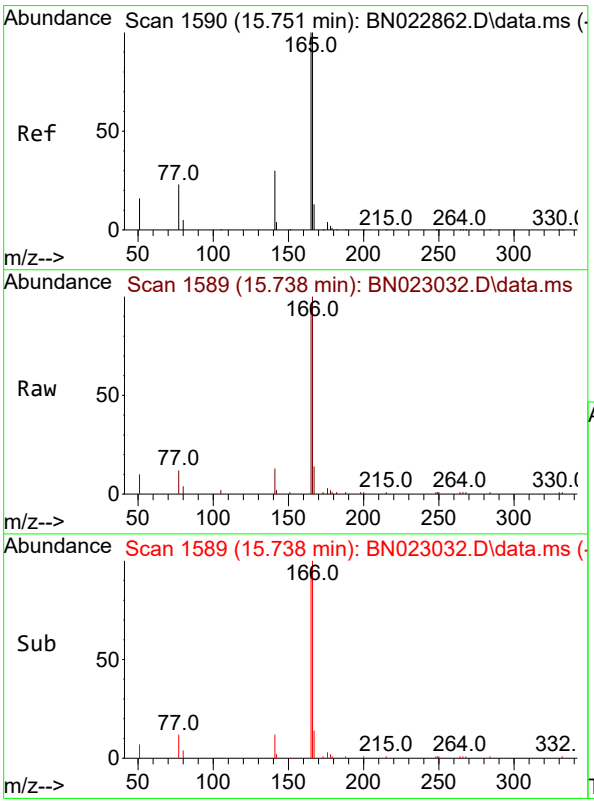
#17
Acenaphthene
Concen: 0.392 ng
RT: 14.751 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN023032.D
Acq: 02 Dec 2022 01:17

Instrument :
BNA_N
ClientSampleId :
PB149367BS

Tgt Ion:154 Resp: 9546

Ion	Ratio	Lower	Upper
154	100		
153	113.4	90.0	135.0
152	61.4	47.0	70.6

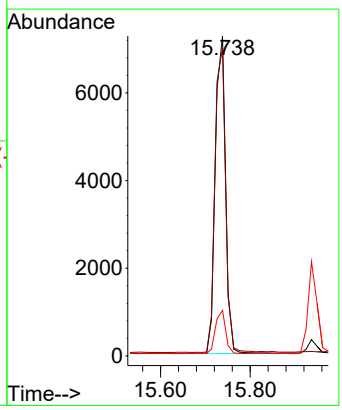


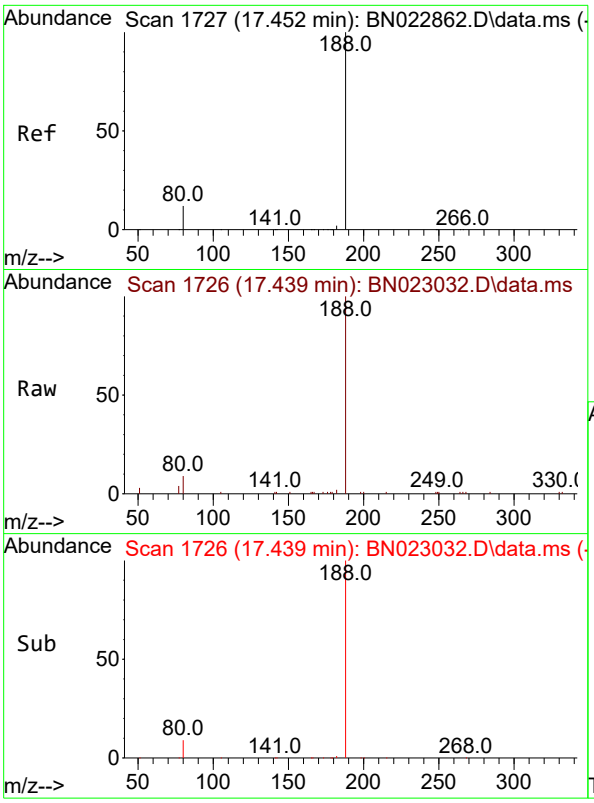


#18
Fluorene
Concen: 0.356 ng
RT: 15.738 min Scan# 1589
Delta R.T. -0.000 min
Lab File: BN023032.D
Acq: 02 Dec 2022 01:17

Tgt Ion:166 Resp: 11082

Ion	Ratio	Lower	Upper
166	100		
165	100.8	79.4	119.0
167	13.3	10.7	16.1



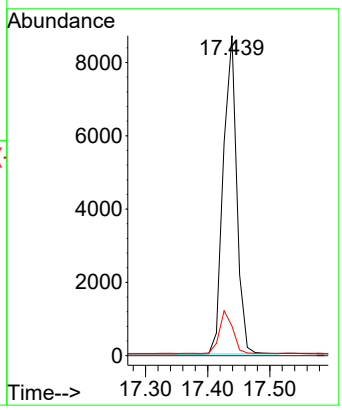


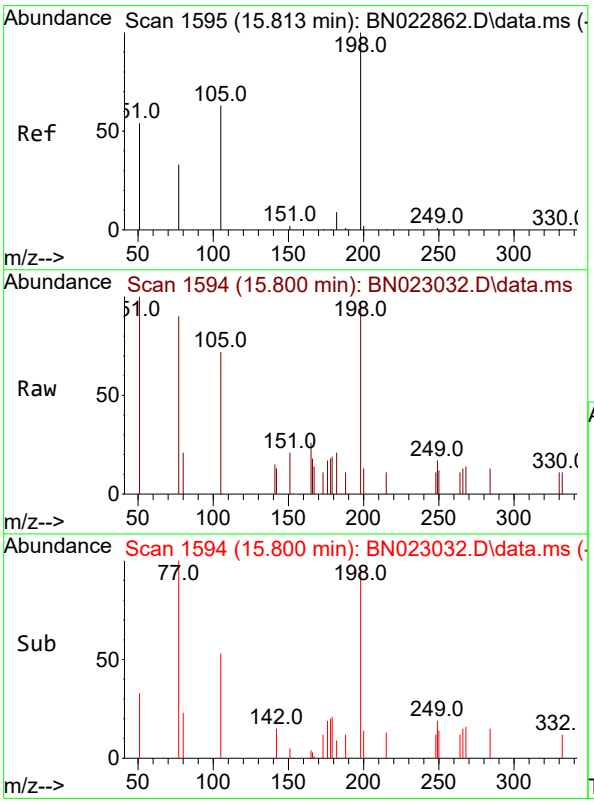
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.439 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023032.D
Acq: 02 Dec 2022 01:17

Instrument :
BNA_N
ClientSampleId :
PB149367BS

Tgt Ion:188 Resp: 13001

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.3	10.3	15.5#

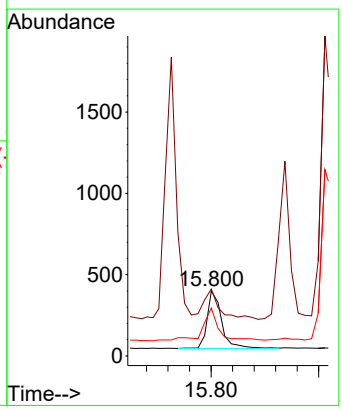


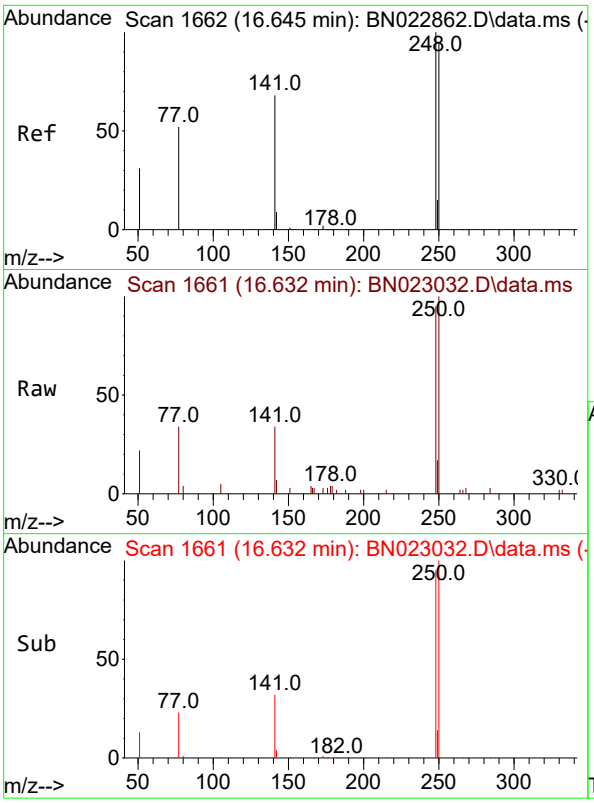


#20
4,6-Dinitro-2-methylphenol
Concen: 0.452 ng
RT: 15.800 min Scan# 1594
Delta R.T. -0.000 min
Lab File: BN023032.D
Acq: 02 Dec 2022 01:17

Tgt Ion:198 Resp: 657

Ion	Ratio	Lower	Upper
198	100		
51	103.0	80.5	120.7
105	73.8	70.5	105.7



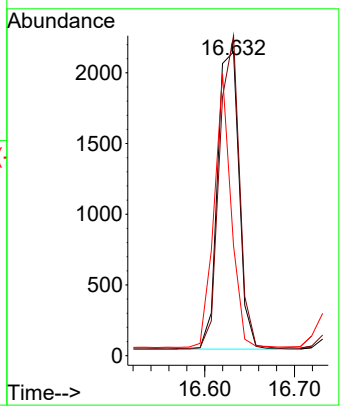


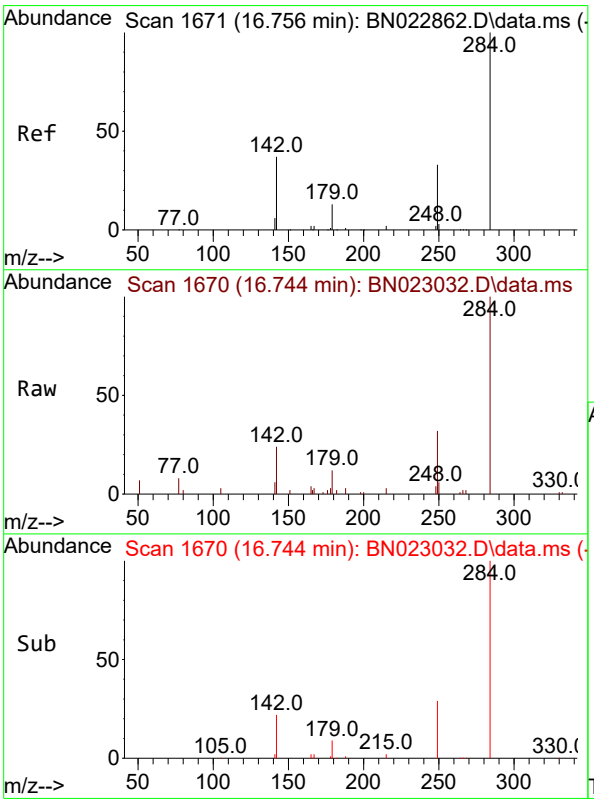
#21
4-Bromophenyl-phenylether
Concen: 0.376 ng
RT: 16.632 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023032.D
Acq: 02 Dec 2022 01:17

Instrument :
BNA_N
ClientSampleId :
PB149367BS

Tgt Ion:248 Resp: 3524

Ion	Ratio	Lower	Upper
248	100		
250	105.3	75.8	113.6
141	36.1	55.4	83.0#

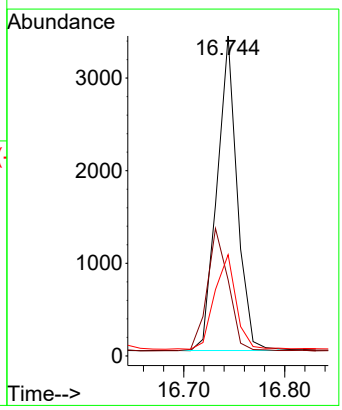


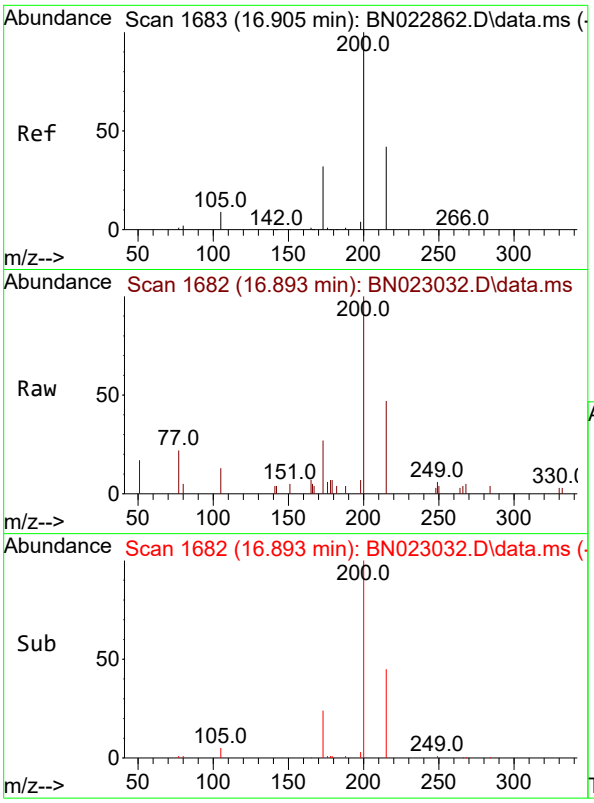


#22
Hexachlorobenzene
Concen: 0.412 ng
RT: 16.744 min Scan# 1670
Delta R.T. -0.000 min
Lab File: BN023032.D
Acq: 02 Dec 2022 01:17

Tgt Ion:284 Resp: 4717

Ion	Ratio	Lower	Upper
284	100		
142	40.9	30.1	45.1
249	31.9	24.5	36.7



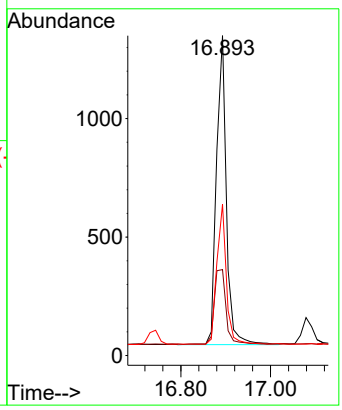


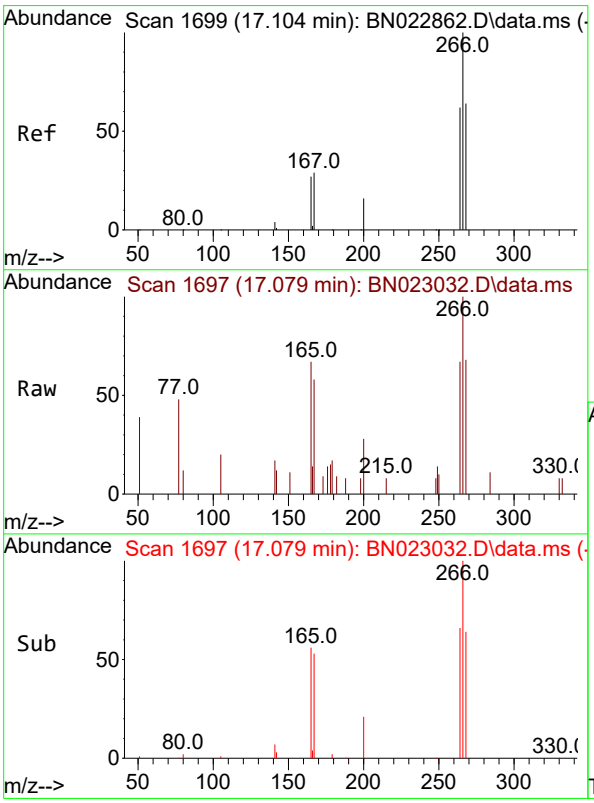
#23
Atrazine
Concen: 0.300 ng
RT: 16.893 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN023032.D
Acq: 02 Dec 2022 01:17

Instrument :
BNA_N
ClientSampleId :
PB149367BS

Tgt Ion:200 Resp: 1985

Ion	Ratio	Lower	Upper
200	100		
173	26.9	26.4	39.6
215	47.3	34.4	51.6

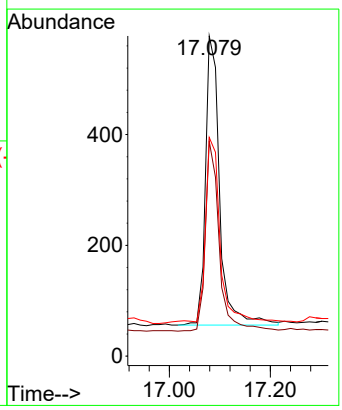


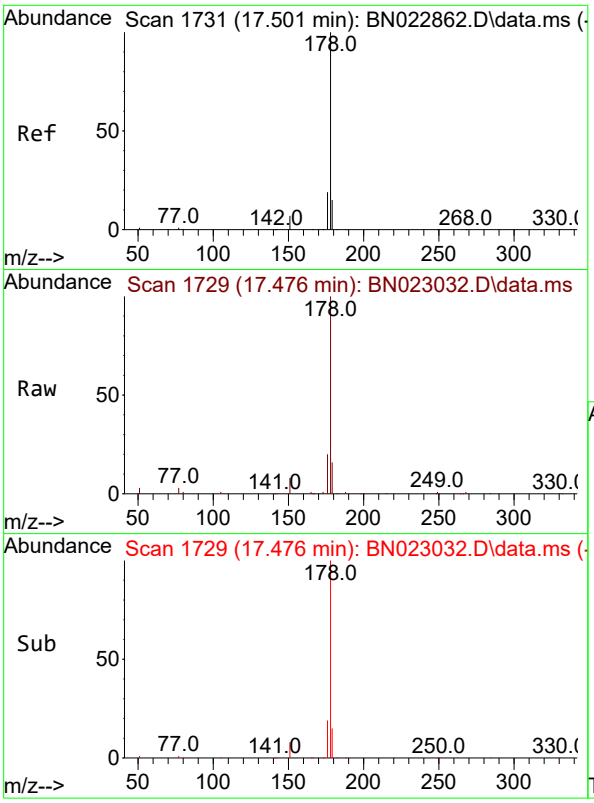


#24
Pentachlorophenol
Concen: 0.324 ng
RT: 17.079 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BN023032.D
Acq: 02 Dec 2022 01:17

Tgt Ion:266 Resp: 1017

Ion	Ratio	Lower	Upper
266	100		
264	64.4	50.0	75.0
268	64.7	50.9	76.3



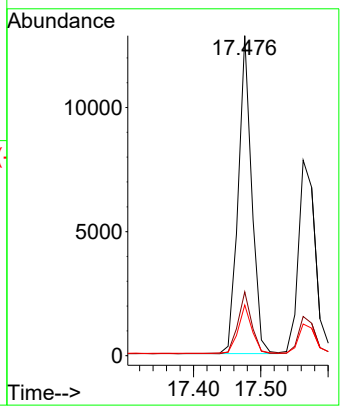


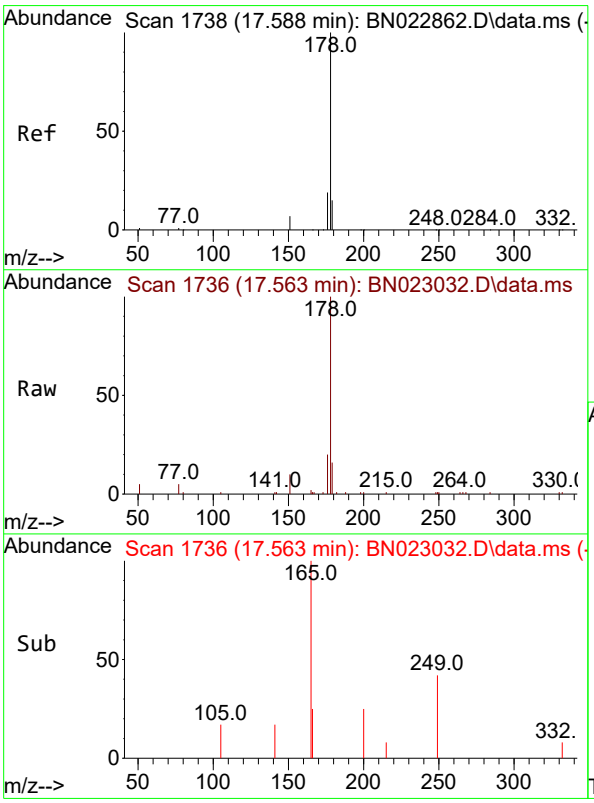
#25
Phenanthrene
Concen: 0.395 ng
RT: 17.476 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023032.D
Acq: 02 Dec 2022 01:17

Instrument :
BNA_N
ClientSampleId :
PB149367BS

Tgt Ion:178 Resp: 17865

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	15.4	12.2	18.2

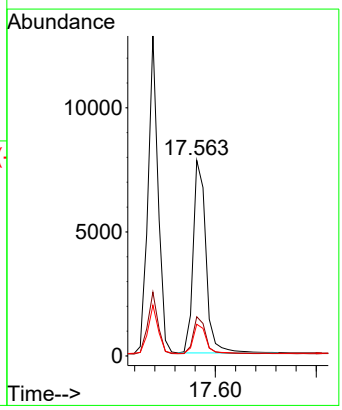


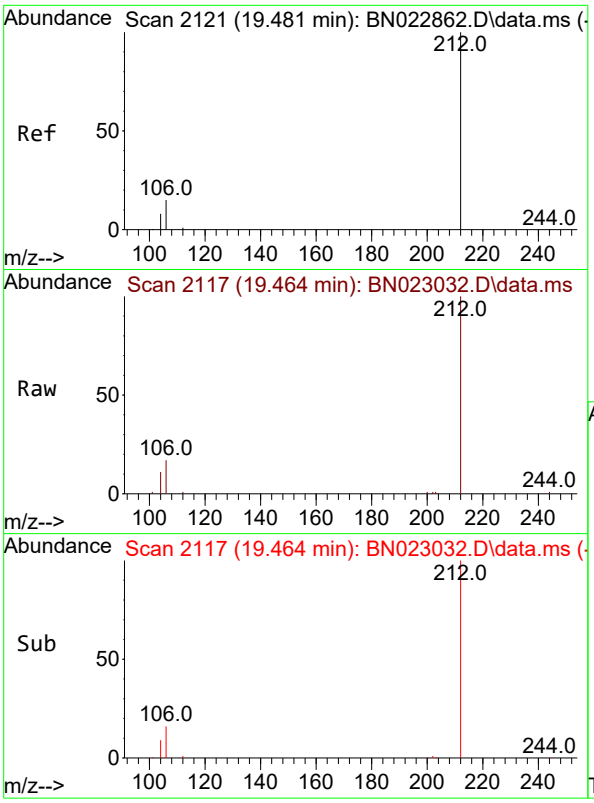


#26
Anthracene
Concen: 0.349 ng
RT: 17.563 min Scan# 1736
Delta R.T. -0.013 min
Lab File: BN023032.D
Acq: 02 Dec 2022 01:17

Tgt Ion:178 Resp: 13705

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.2	22.8
179	15.6	12.2	18.2



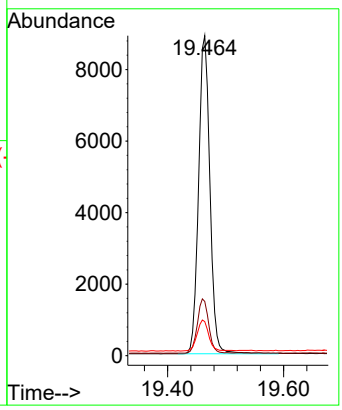


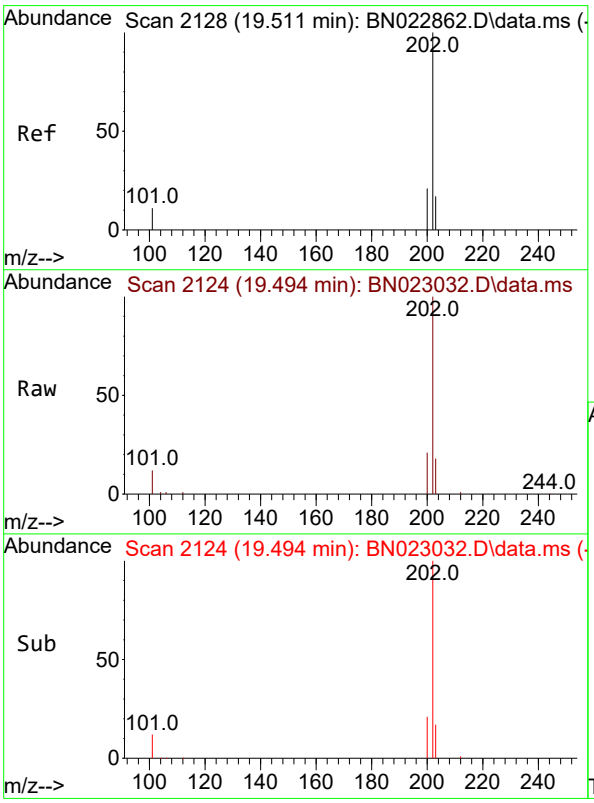
#27
Fluoranthene-d10
Concen: 0.341 ng
RT: 19.464 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN023032.D
Acq: 02 Dec 2022 01:17

Instrument :
BNA_N
ClientSampleId :
PB149367BS

Tgt Ion:212 Resp: 12056

Ion	Ratio	Lower	Upper
212	100		
106	17.0	12.3	18.5
104	10.1	7.0	10.4

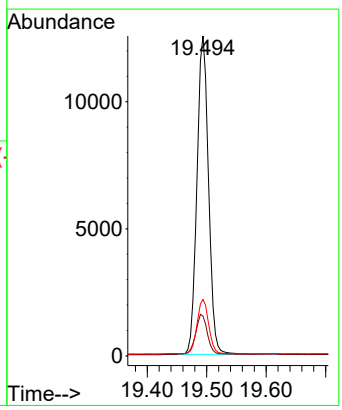


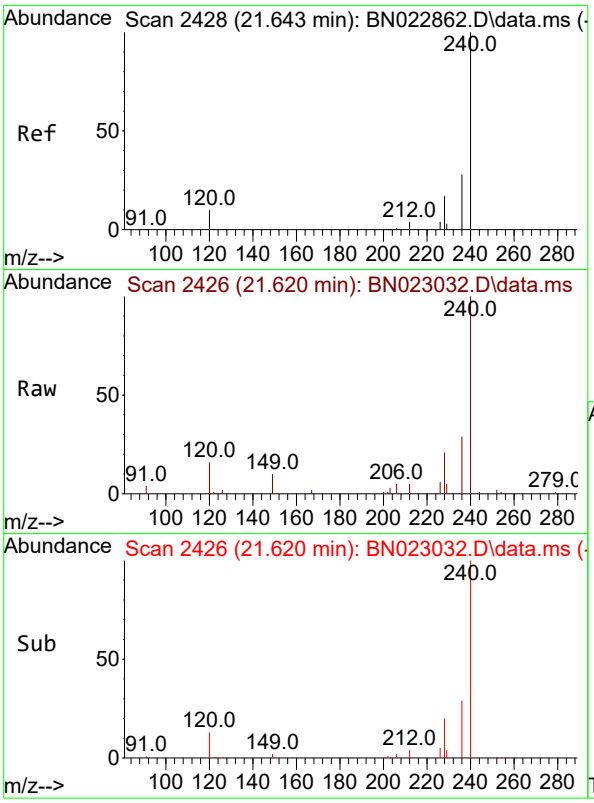


#28
Fluoranthene
Concen: 0.352 ng
RT: 19.494 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BN023032.D
Acq: 02 Dec 2022 01:17

Tgt Ion:202 Resp: 16934

Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.3	13.9
203	17.1	13.7	20.5



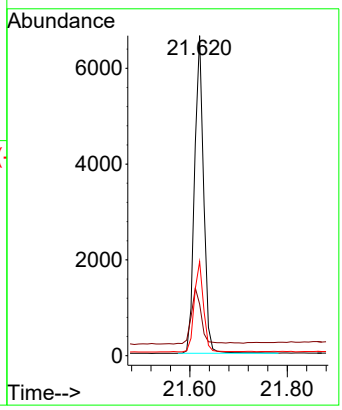


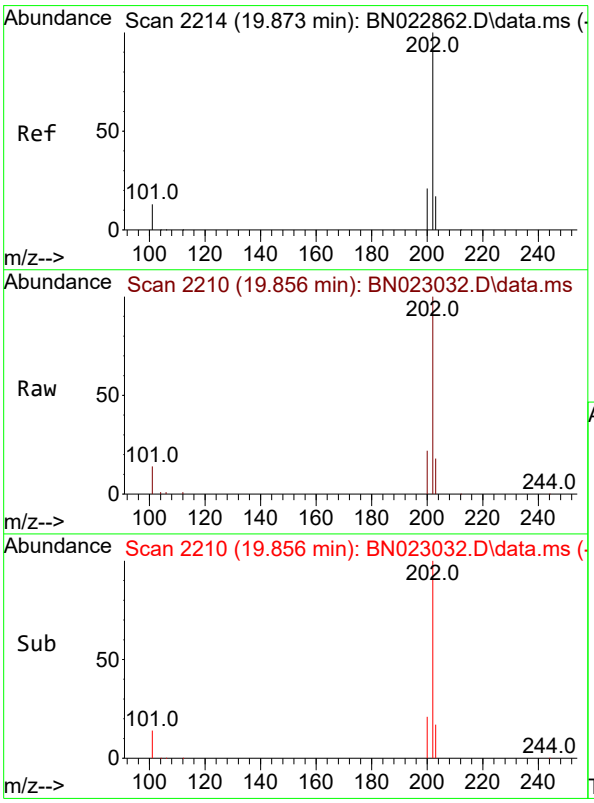
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.620 min Scan# 24
Delta R.T. 0.004 min
Lab File: BN023032.D
Acq: 02 Dec 2022 01:17

Instrument :
BNA_N
ClientSampleId :
PB149367BS

Tgt Ion:240 Resp: 8574

Ion	Ratio	Lower	Upper
240	100		
120	16.1	9.2	13.8#
236	29.4	22.6	34.0

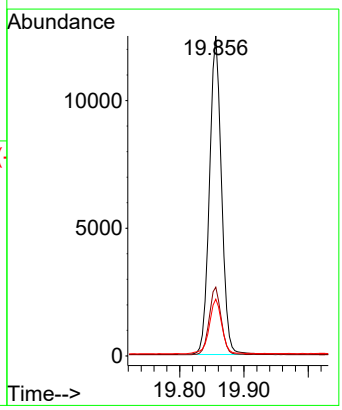


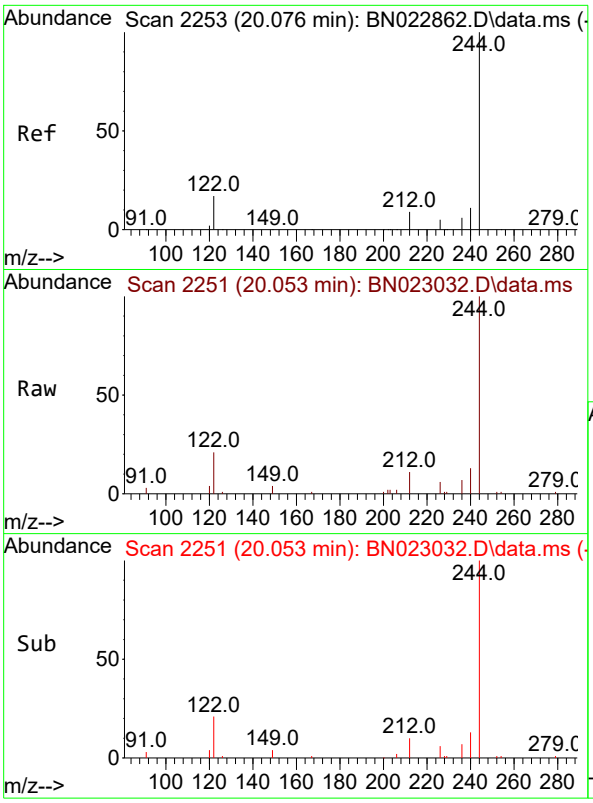


#30
Pyrene
Concen: 0.365 ng
RT: 19.856 min Scan# 2210
Delta R.T. -0.000 min
Lab File: BN023032.D
Acq: 02 Dec 2022 01:17

Tgt Ion:202 Resp: 16271

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.0	25.4
203	17.7	14.2	21.2



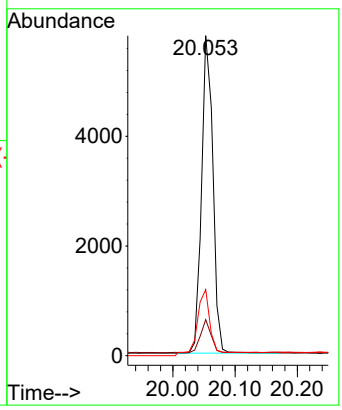


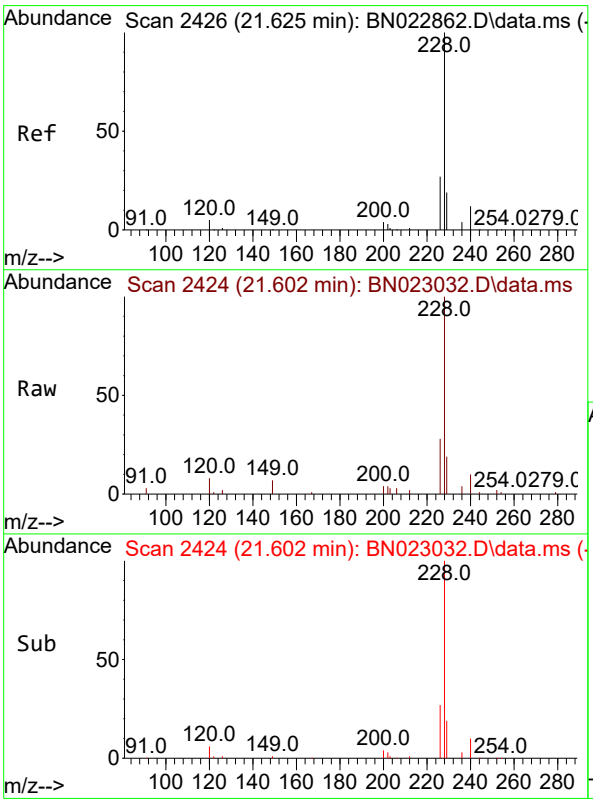
#31
Terphenyl-d14
Concen: 0.362 ng
RT: 20.053 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN023032.D
Acq: 02 Dec 2022 01:17

Instrument :
BNA_N
ClientSampleId :
PB149367BS

Tgt Ion:244 Resp: 7294

Ion	Ratio	Lower	Upper
244	100		
212	11.3	7.9	11.9
122	20.7	13.9	20.9

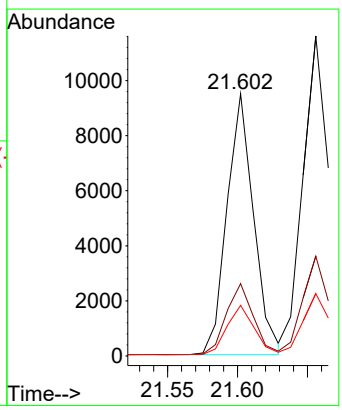


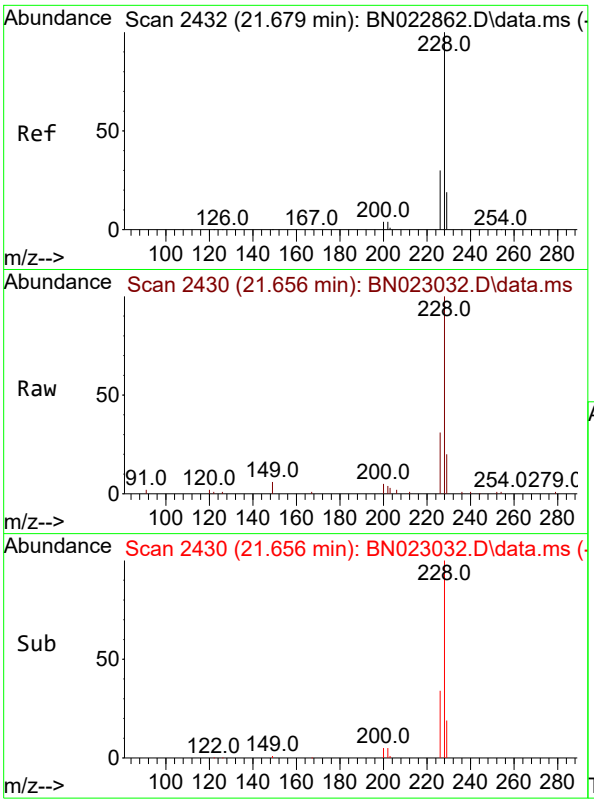


#32
Benzo(a)anthracene
Concen: 0.364 ng
RT: 21.602 min Scan# 2424
Delta R.T. -0.005 min
Lab File: BN023032.D
Acq: 02 Dec 2022 01:17

Tgt Ion:228 Resp: 12611

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.1	33.1
229	19.3	15.8	23.6



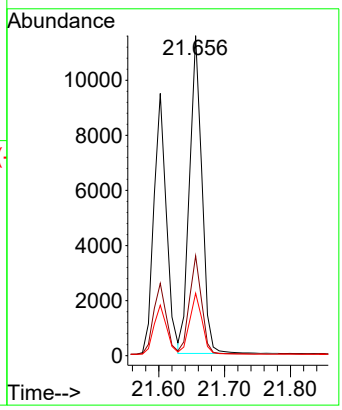


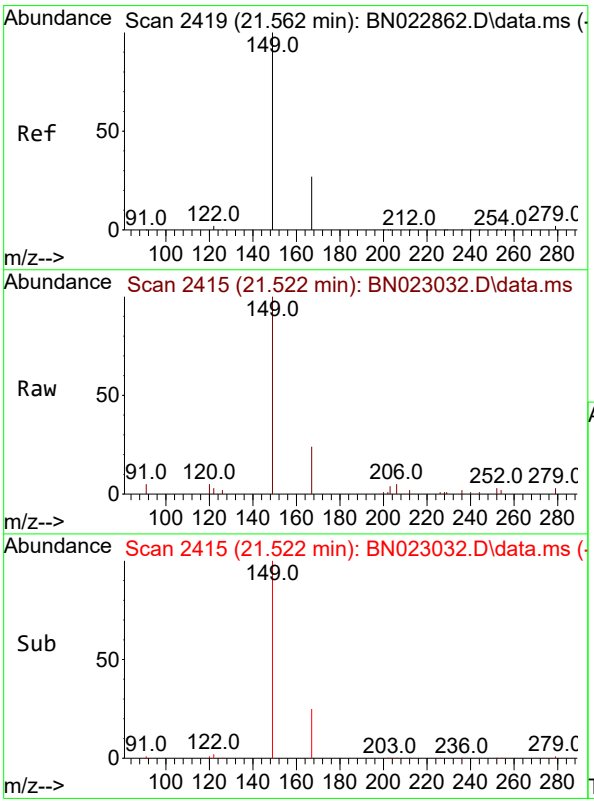
#33
Chrysene
Concen: 0.419 ng
RT: 21.656 min Scan# 24
Delta R.T. -0.005 min
Lab File: BN023032.D
Acq: 02 Dec 2022 01:17

Instrument :
BNA_N
ClientSampleId :
PB149367BS

Tgt Ion:228 Resp: 15072

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.5	36.7
229	19.5	15.8	23.6

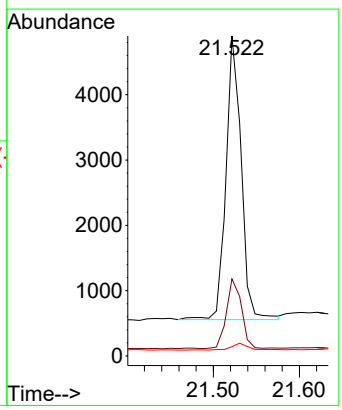


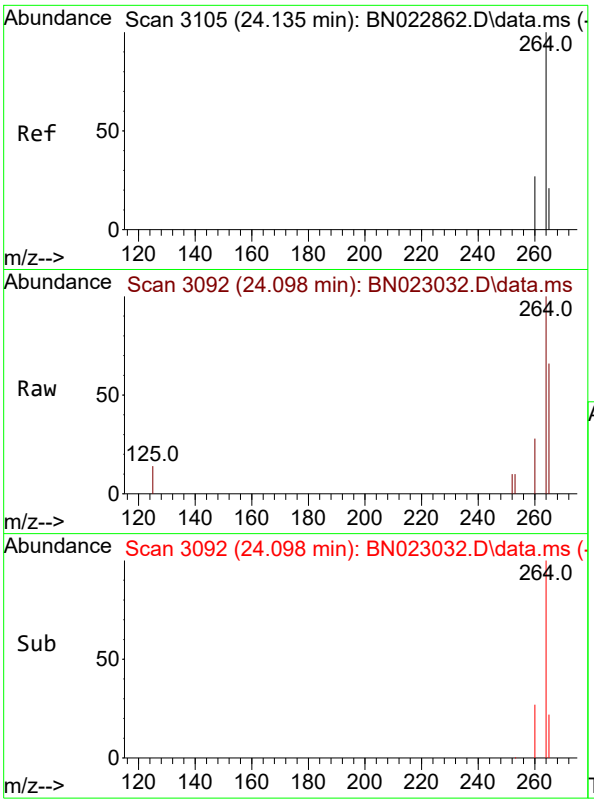


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.383 ng
RT: 21.522 min Scan# 2415
Delta R.T. -0.005 min
Lab File: BN023032.D
Acq: 02 Dec 2022 01:17

Tgt Ion:149 Resp: 5328

Ion	Ratio	Lower	Upper
149	100		
167	24.4	21.3	31.9
279	2.8	2.3	3.5



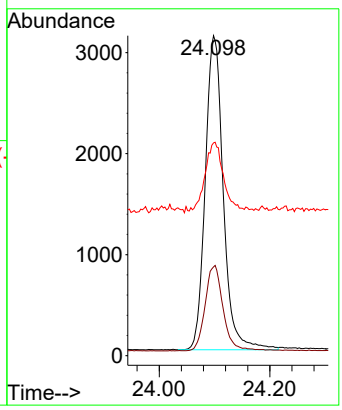


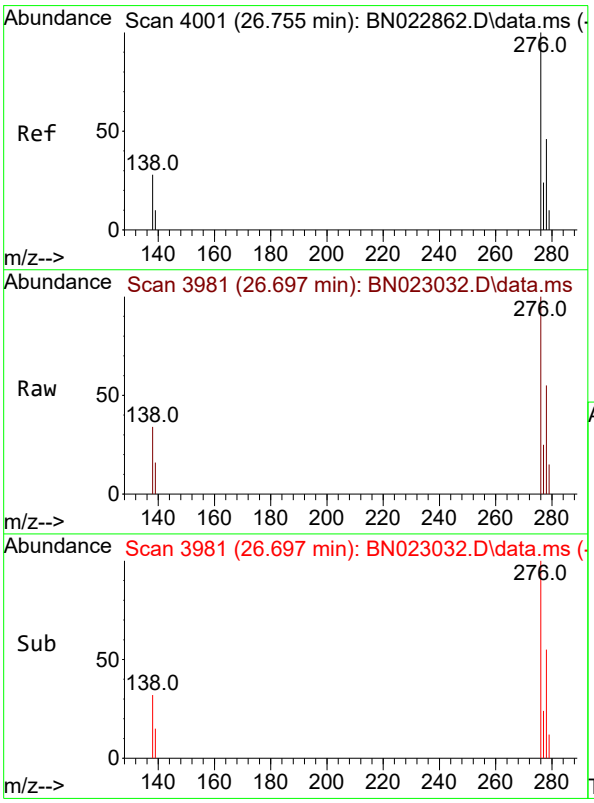
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.098 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN023032.D
Acq: 02 Dec 2022 01:17

Instrument :
BNA_N
ClientSampleId :
PB149367BS

Tgt Ion:264 Resp: 7037

Ion	Ratio	Lower	Upper
264	100		
260	27.7	21.7	32.5
265	66.5	31.0	46.4#

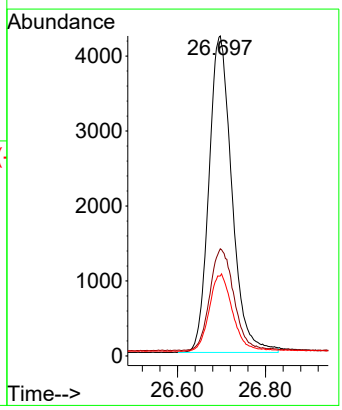


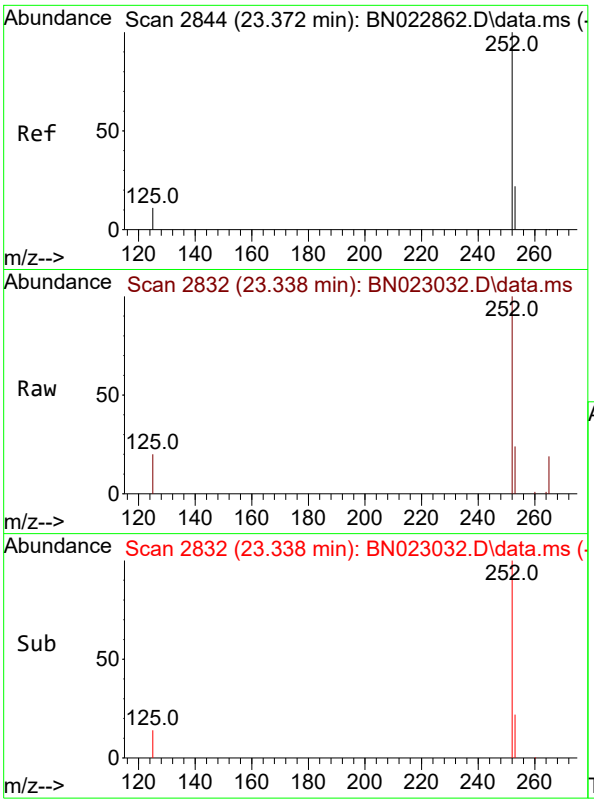


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.524 ng
RT: 26.697 min Scan# 3981
Delta R.T. 0.001 min
Lab File: BN023032.D
Acq: 02 Dec 2022 01:17

Tgt Ion:276 Resp: 15285

Ion	Ratio	Lower	Upper
276	100		
138	33.7	24.4	36.6
277	24.4	19.9	29.9



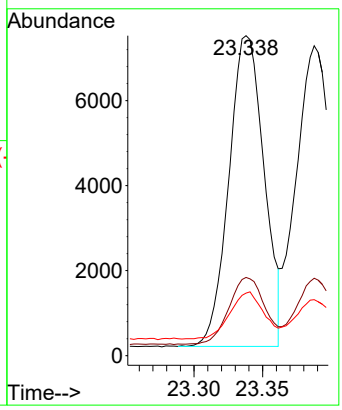


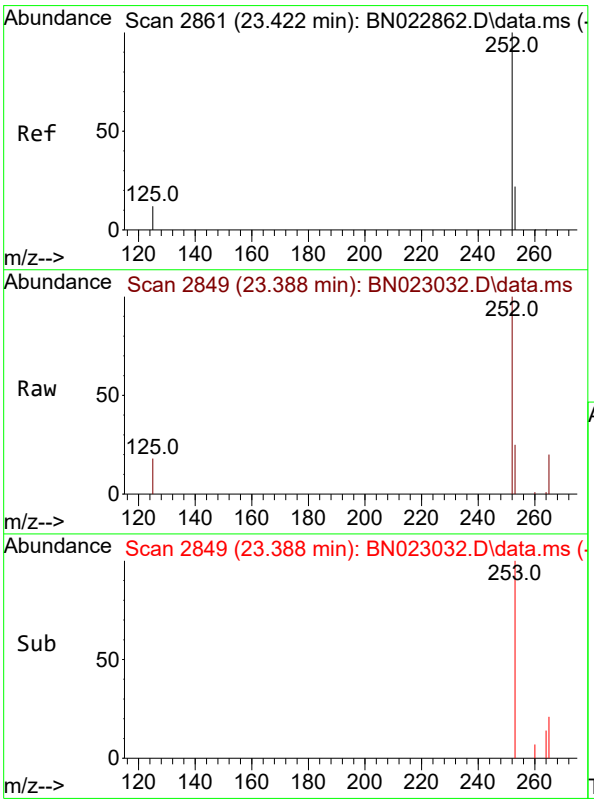
#37
Benzo(b)fluoranthene
Concen: 0.415 ng
RT: 23.338 min Scan# 2
Delta R.T. -0.002 min
Lab File: BN023032.D
Acq: 02 Dec 2022 01:17

Instrument :
BNA_N
ClientSampleId :
PB149367BS

Tgt Ion:252 Resp: 13021

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.5	27.7
125	19.6	10.8	16.2#

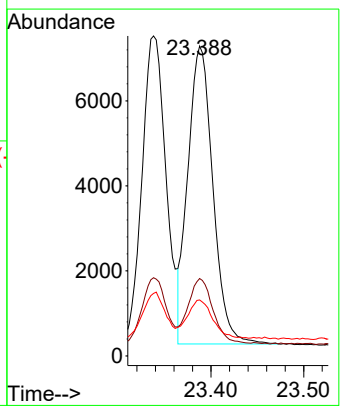


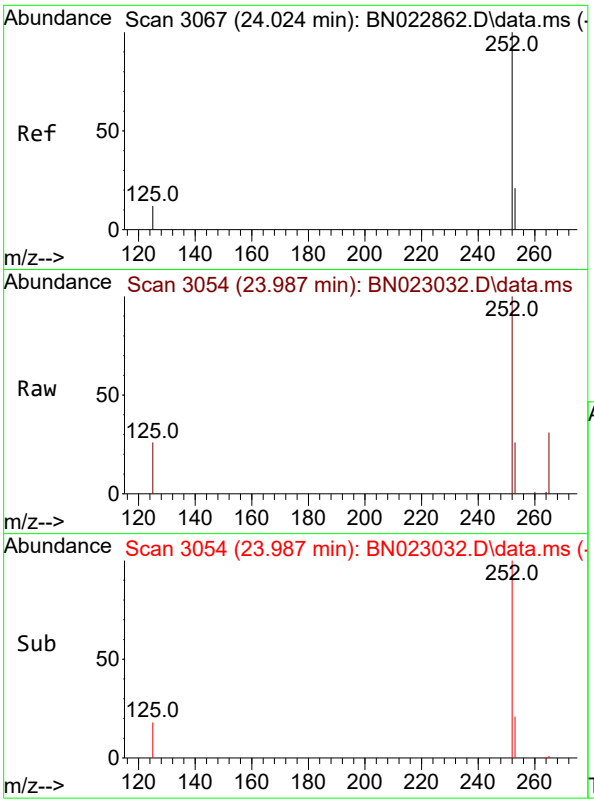


#38
Benzo(k)fluoranthene
Concen: 0.386 ng
RT: 23.388 min Scan# 2849
Delta R.T. -0.002 min
Lab File: BN023032.D
Acq: 02 Dec 2022 01:17

Tgt Ion:252 Resp: 13142

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.6	27.8
125	18.1	11.0	16.4#



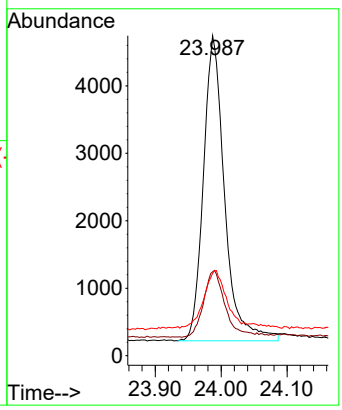


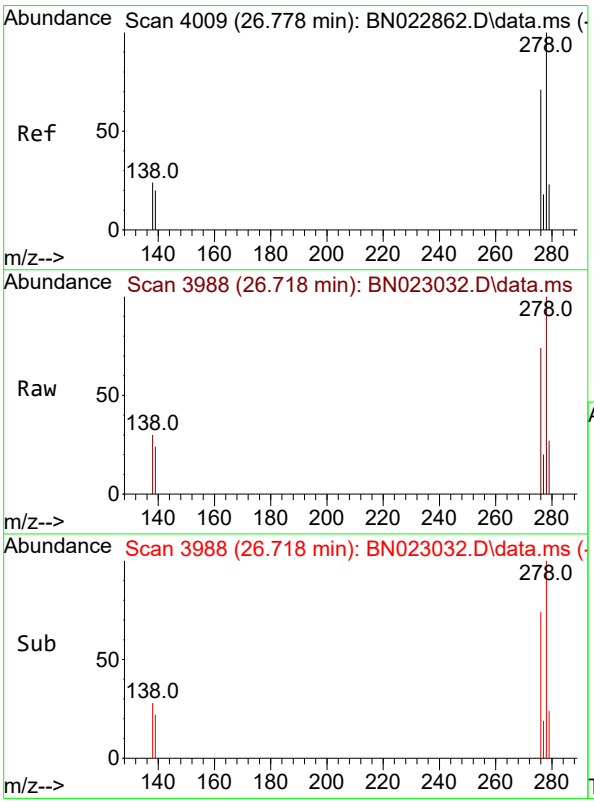
#39
Benzo(a)pyrene
Concen: 0.422 ng
RT: 23.987 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN023032.D
Acq: 02 Dec 2022 01:17

Instrument :
BNA_N
ClientSampleId :
PB149367BS

Tgt Ion:252 Resp: 10121

Ion	Ratio	Lower	Upper
252	100		
253	26.2	19.2	28.8
125	25.8	12.7	19.1#

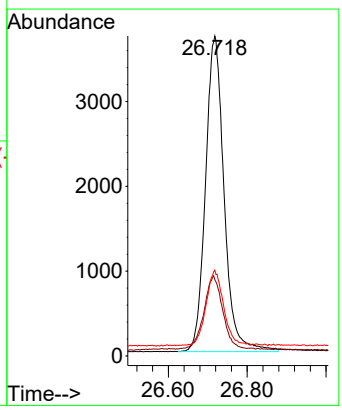


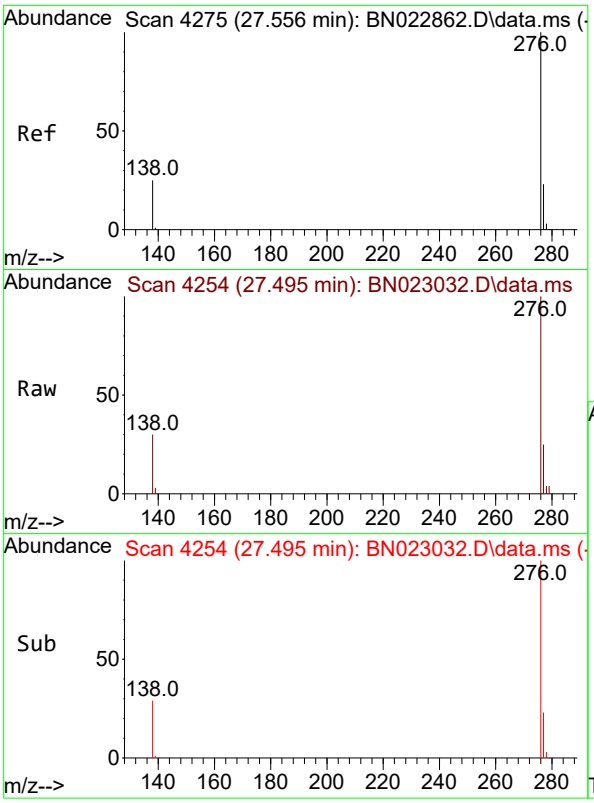


#40
Dibenzo(a,h)anthracene
Concen: 0.526 ng
RT: 26.718 min Scan# 3988
Delta R.T. 0.001 min
Lab File: BN023032.D
Acq: 02 Dec 2022 01:17

Tgt Ion:278 Resp: 12188

Ion	Ratio	Lower	Upper
278	100		
139	23.9	17.4	26.0
279	26.8	20.0	30.0





#41
Benzo(g,h,i)perylene
Concen: 0.483 ng
RT: 27.495 min Scan# 4
Delta R.T. 0.001 min
Lab File: BN023032.D
Acq: 02 Dec 2022 01:17

Instrument :
BNA_N
ClientSampleId :
PB149367BS

Tgt Ion:276 Resp: 12078

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.7	29.5
138	30.2	21.4	32.2