Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101123\
Data File : BN028244.D
Acq On : 11 Oct 2023 22:03
Operator : MA/JU
Sample : PB156246BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB156246BS

Quant Time: Oct 12 04:06:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 12 04:03:12 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.914	152	2512	0.400	ng	0.00
7) Naphthalene-d8	10.735	136	8304	0.400	ng	0.00
13) Acenaphthene-d10	14.566	164	5065	0.400	ng	0.00
19) Phenanthrene-d10	17.319	188	12145	0.400	ng	0.00
29) Chrysene-d12	21.524	240	12233	0.400	ng	# 0.00
35) Perylene-d12	23.993	264	7961	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.459	112	3176	0.424	ng	0.00
5) Phenol-d6	7.091	99	3841	0.406	ng	0.00
8) Nitrobenzene-d5	9.123	82	2661	0.377	ng	0.00
11) 2-Methylnaphthalene-d10	12.324	152	4909	0.399	ng	0.00
14) 2,4,6-Tribromophenol	16.077	330	1022	0.441	ng	0.00
15) 2-Fluorobiphenyl	13.186	172	7073	0.387	ng	0.00
27) Fluoranthene-d10	19.356	212	13112	0.430	ng	0.00
31) Terphenyl-d14	19.946	244	11481	0.402	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.335	88	1767	0.627	ng	# 25
3) n-Nitrosodimethylamine	3.689	42	1229	0.381	ng	# 83
6) bis(2-Chloroethyl)ether	7.358	93	2981	0.392	ng	98
9) Naphthalene	10.789	128	8487	0.396	ng	98
10) Hexachlorobutadiene	11.002	225	1407	0.369	ng	# 100
12) 2-Methylnaphthalene	12.400	142	5592	0.373	ng	96
16) Acenaphthylene	14.298	152	8140	0.363	ng	100
17) Acenaphthene	14.630	154	5612	0.392	ng	99
18) Fluorene	15.618	166	7679	0.413	ng	99
20) 4,6-Dinitro-2-methylph...	16.810	198	10	0.062	ng	# 69
21) 4-Bromophenyl-phenylether	16.512	248	2267	0.358	ng	# 73
22) Hexachlorobenzene	16.599	284	2569	0.387	ng	97
23) Atrazine	16.959	200	2894	0.523	ng	# 41
24) Pentachlorophenol	16.959	266	14579	4.659	ng	94
25) Phenanthrene	17.368	178	12857	0.393	ng	100
26) Anthracene	17.455	178	11524	0.372	ng	100
28) Fluoranthene	19.388	202	16176	0.428	ng	99
30) Pyrene	19.755	202	15282	0.341	ng	99
32) Benzo(a)anthracene	21.506	228	17463	0.420	ng	98
33) Chrysene	21.560	228	17751	0.442	ng	100
34) Bis(2-ethylhexyl)phtha...	21.372	149	11955	0.437	ng	99
36) Indeno(1,2,3-cd)pyrene	26.583	276	18116	0.677	ng	98
37) Benzo(b)fluoranthene	23.227	252	18959	0.737	ng	98
38) Benzo(k)fluoranthene	23.276	252	16513	0.633	ng	# 96
39) Benzo(a)pyrene	23.881	252	11572	0.476	ng	# 92
40) Dibenzo(a,h)anthracene	26.603	278	16944	0.773	ng	97
41) Benzo(g,h,i)perylene	27.405	276	14435	0.642	ng	97

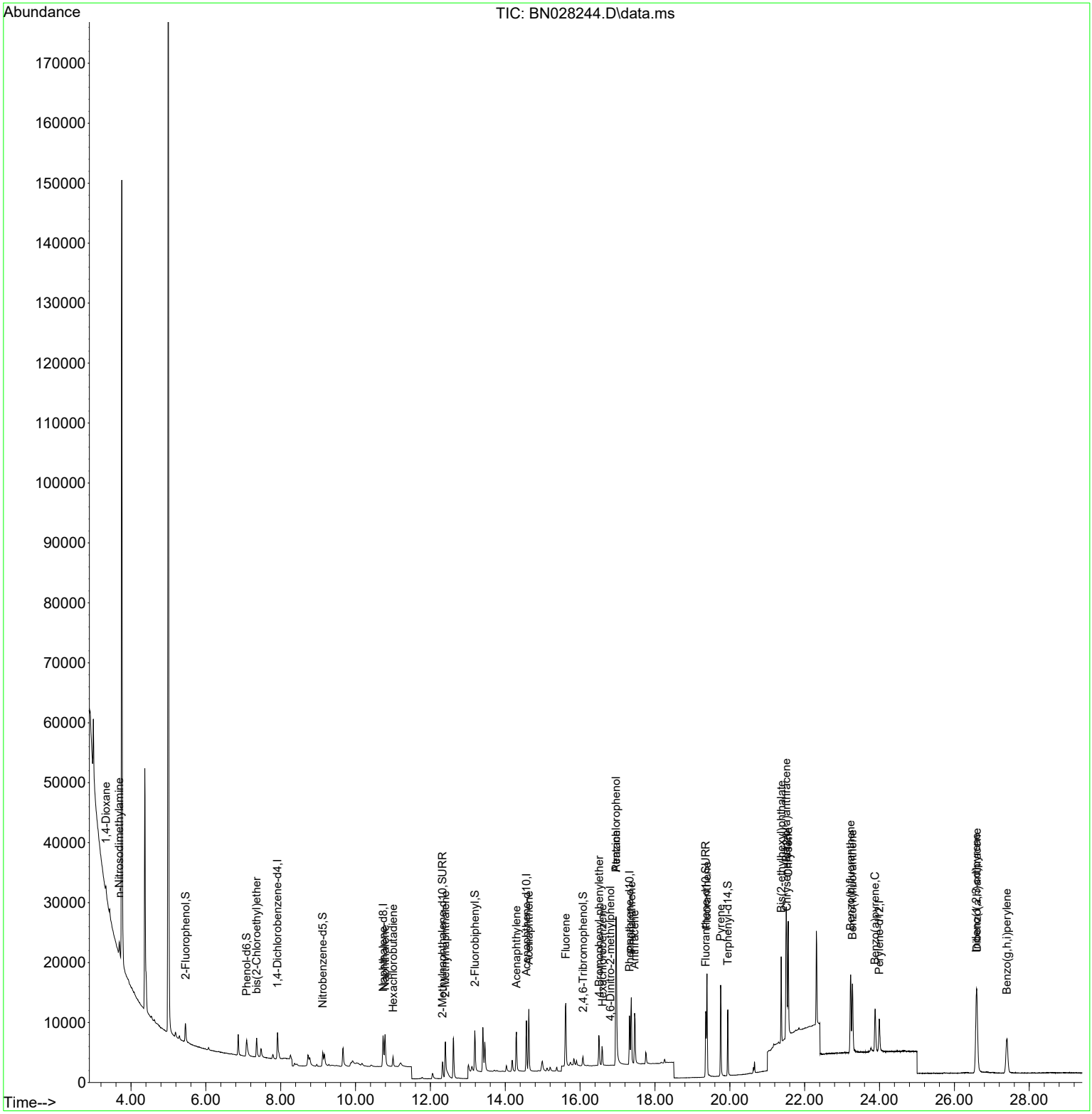
(#) = qualifier out of range (m) = manual integration (+) = signals summed

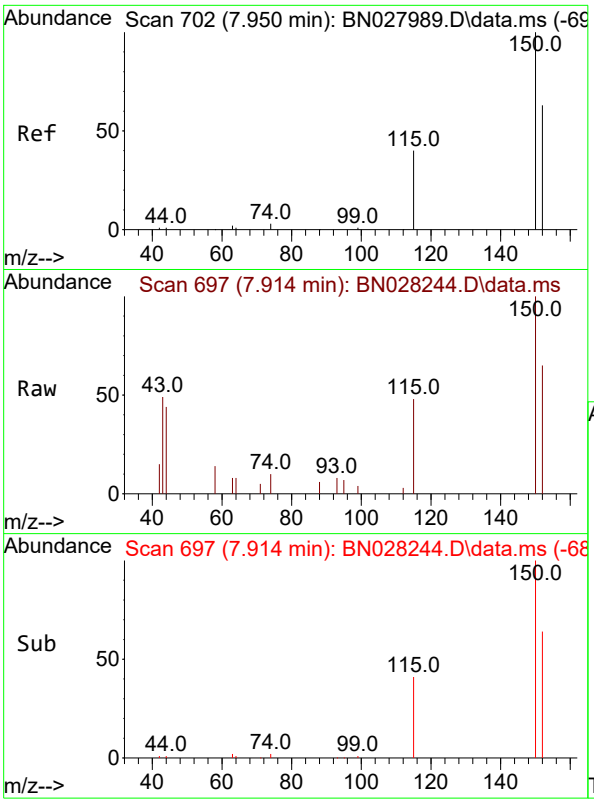
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101123\
Data File : BN028244.D
Acq On : 11 Oct 2023 22:03
Operator : MA/JU
Sample : PB156246BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB156246BS

Quant Time: Oct 12 04:06:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 12 04:03:12 2023
Response via : Initial Calibration



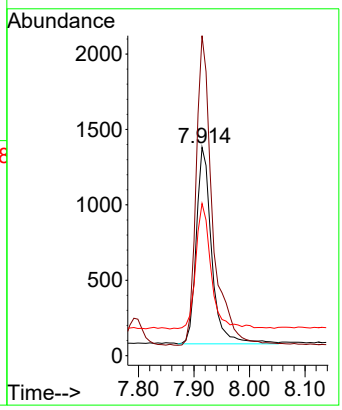


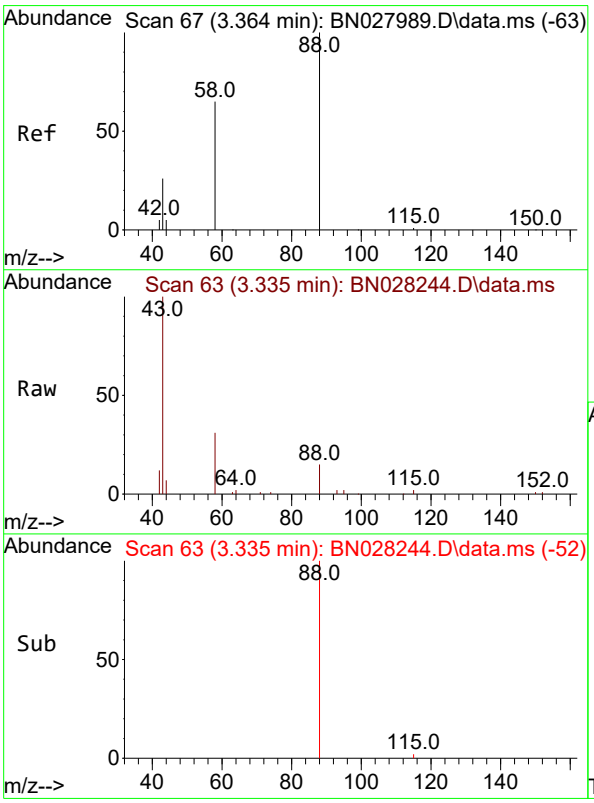
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.914 min Scan# 6
Delta R.T. -0.008 min
Lab File: BN028244.D
Acq: 11 Oct 2023 22:03

Instrument :
BNA_N
ClientSampleId :
PB156246BS

Tgt Ion:152 Resp: 2512

Ion	Ratio	Lower	Upper
152	100		
150	153.7	125.6	188.4
115	73.1	54.8	82.2

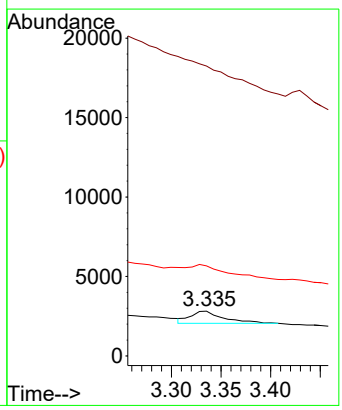


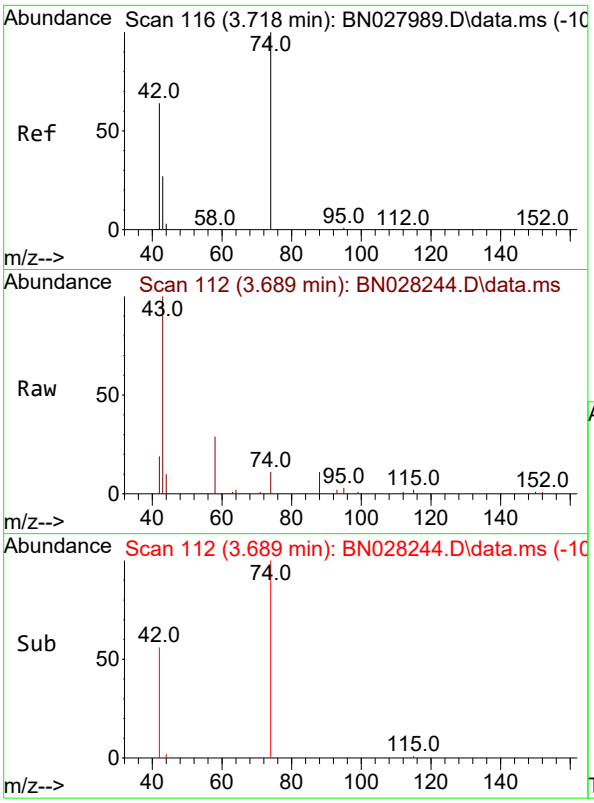


#2
1,4-Dioxane
Concen: 0.627 ng
RT: 3.335 min Scan# 63
Delta R.T. -0.022 min
Lab File: BN028244.D
Acq: 11 Oct 2023 22:03

Tgt Ion: 88 Resp: 1767

Ion	Ratio	Lower	Upper
88	100		
43	0.0	24.6	36.8#
58	0.0	53.8	80.6#



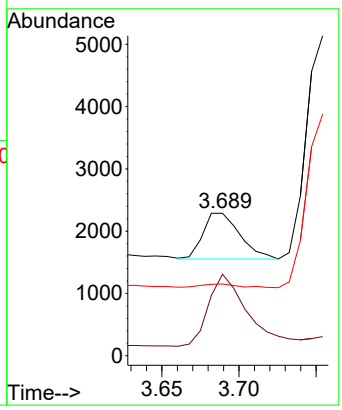


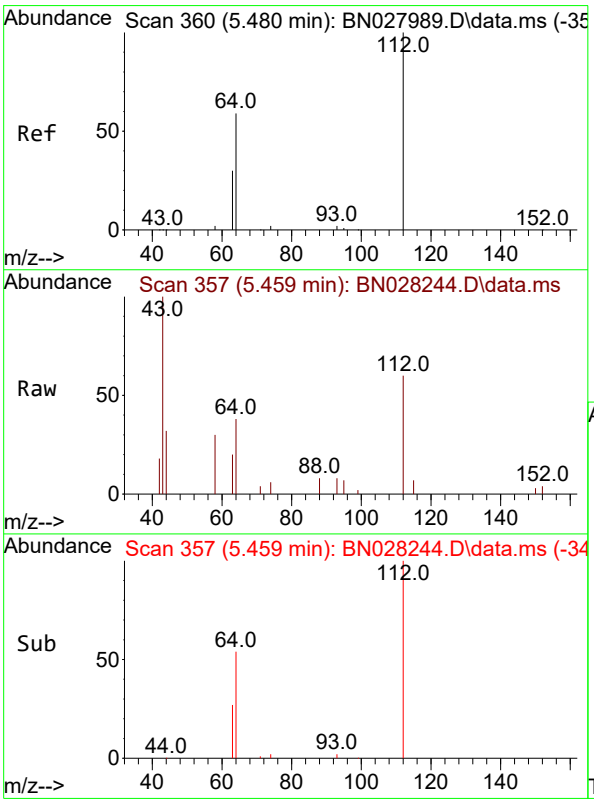
#3
n-Nitrosodimethylamine
Concen: 0.381 ng
RT: 3.689 min Scan# 1
Delta R.T. -0.022 min
Lab File: BN028244.D
Acq: 11 Oct 2023 22:03

Instrument :
BNA_N
ClientSampleId :
PB156246BS

Tgt Ion: 42 Resp: 1229

Ion	Ratio	Lower	Upper
42	100		
74	165.8	115.9	173.9
44	0.0	8.0	12.0#

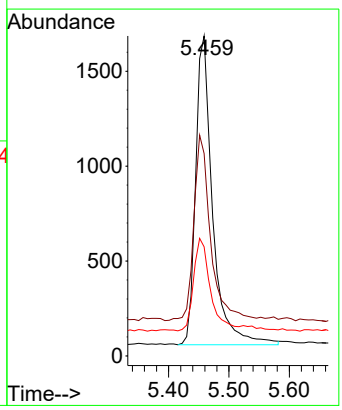


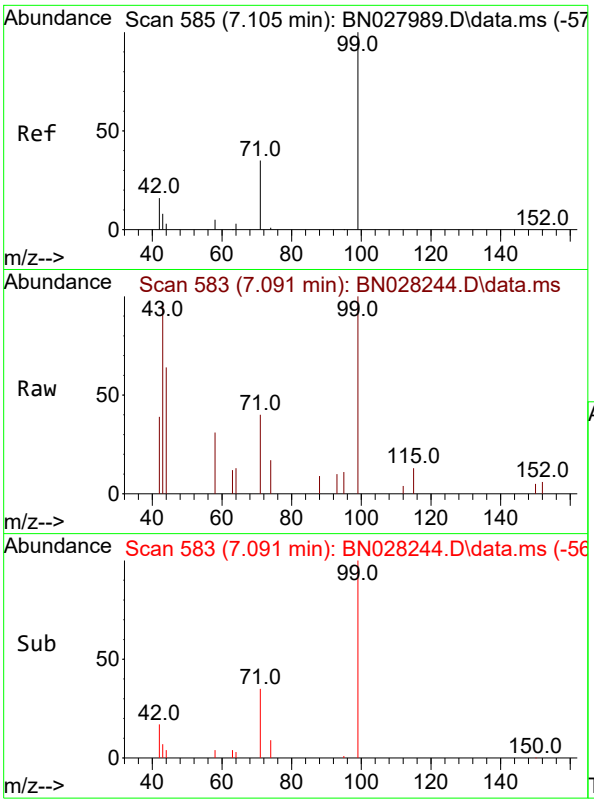


#4
2-Fluorophenol
Concen: 0.424 ng
RT: 5.459 min Scan# 357
Delta R.T. -0.007 min
Lab File: BN028244.D
Acq: 11 Oct 2023 22:03

Tgt Ion:112 Resp: 3176

Ion	Ratio	Lower	Upper
112	100		
64	60.2	45.0	67.6
63	29.6	23.4	35.0



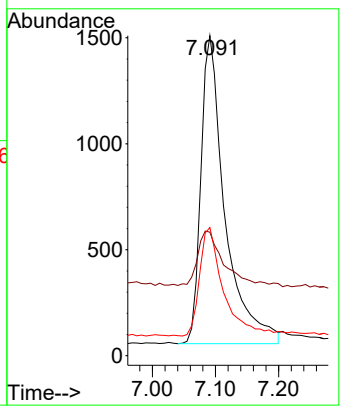


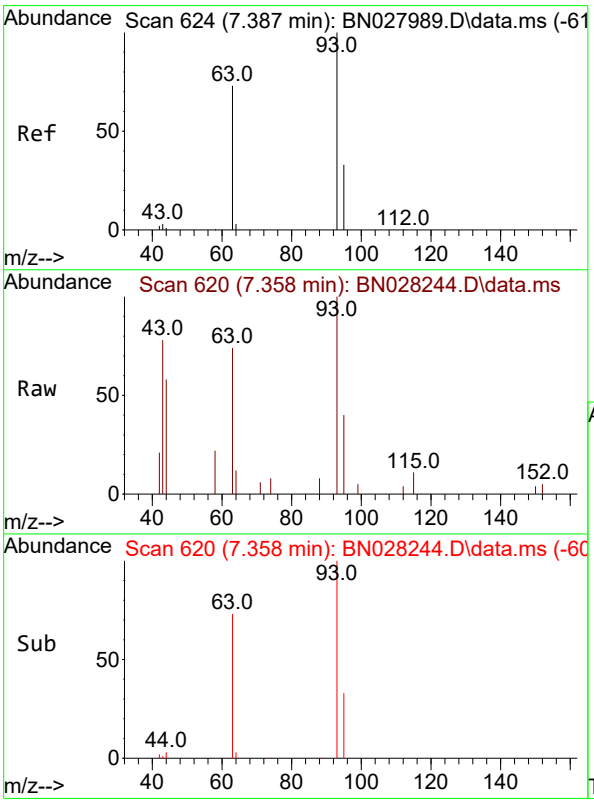
#5
Phenol-d6
Concen: 0.406 ng
RT: 7.091 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN028244.D
Acq: 11 Oct 2023 22:03

Instrument :
BNA_N
ClientSampleId :
PB156246BS

Tgt Ion: 99 Resp: 3841

Ion	Ratio	Lower	Upper
99	100		
42	20.5	14.6	22.0
71	35.4	28.3	42.5

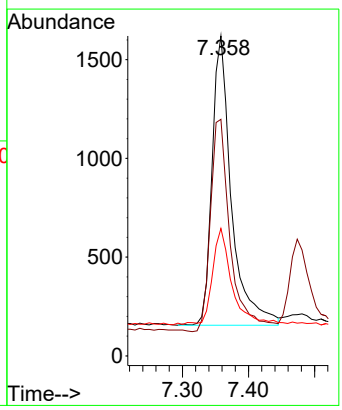


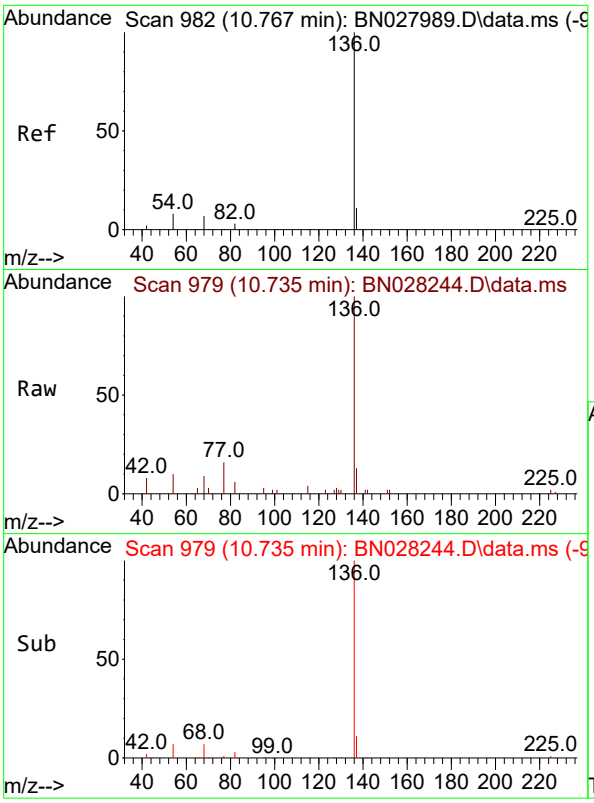


#6
bis(2-Chloroethyl)ether
Concen: 0.392 ng
RT: 7.358 min Scan# 620
Delta R.T. -0.007 min
Lab File: BN028244.D
Acq: 11 Oct 2023 22:03

Tgt Ion: 93 Resp: 2981

Ion	Ratio	Lower	Upper
93	100		
63	75.5	58.8	88.2
95	33.6	26.6	39.8



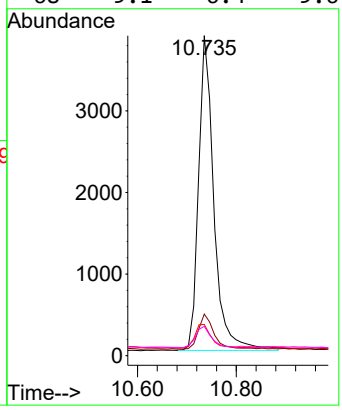


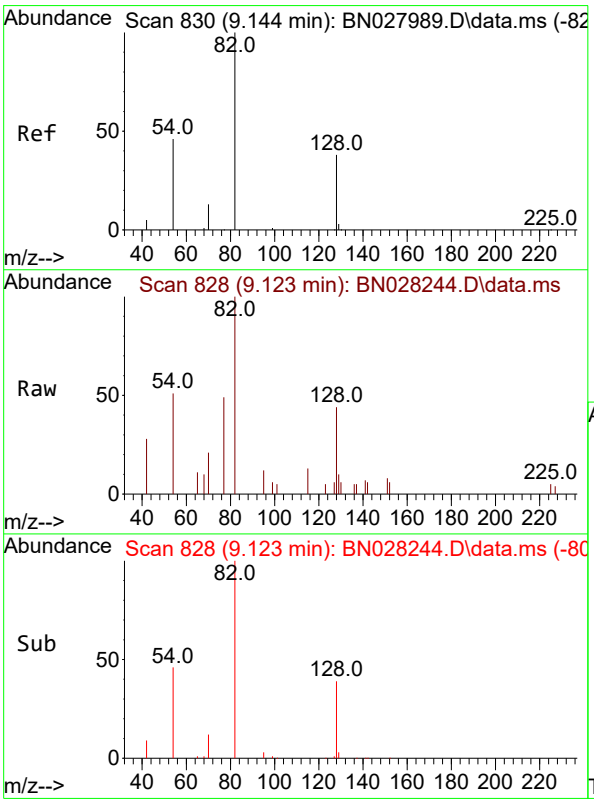
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.735 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN028244.D
Acq: 11 Oct 2023 22:03

Instrument :
BNA_N
ClientSampleId :
PB156246BS

Tgt Ion:136 Resp: 8304

Ion	Ratio	Lower	Upper
136	100		
137	13.0	9.4	14.0
54	9.7	7.0	10.6
68	9.1	6.4	9.6

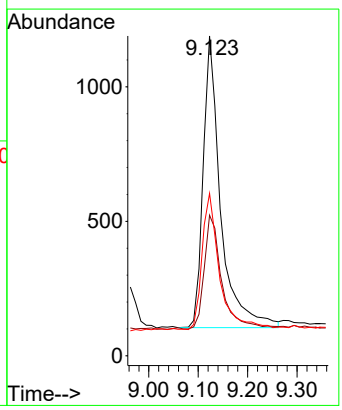


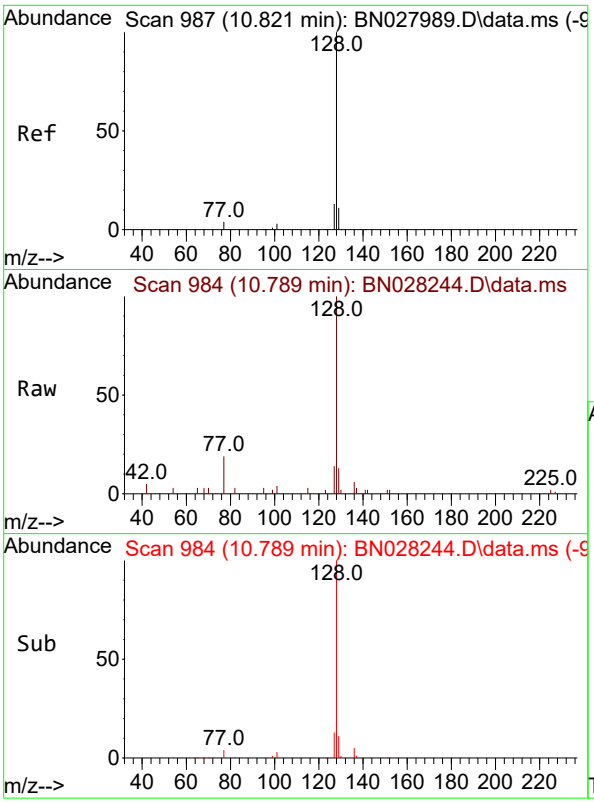


#8
Nitrobenzene-d5
Concen: 0.377 ng
RT: 9.123 min Scan# 828
Delta R.T. -0.000 min
Lab File: BN028244.D
Acq: 11 Oct 2023 22:03

Tgt Ion: 82 Resp: 2661

Ion	Ratio	Lower	Upper
82	100		
128	44.0	32.7	49.1
54	50.8	38.7	58.1



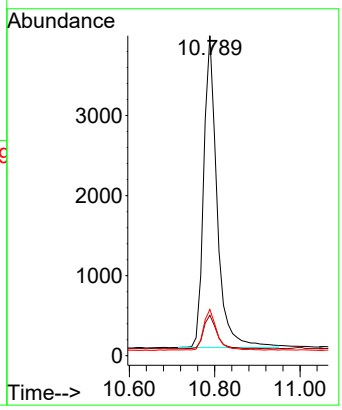


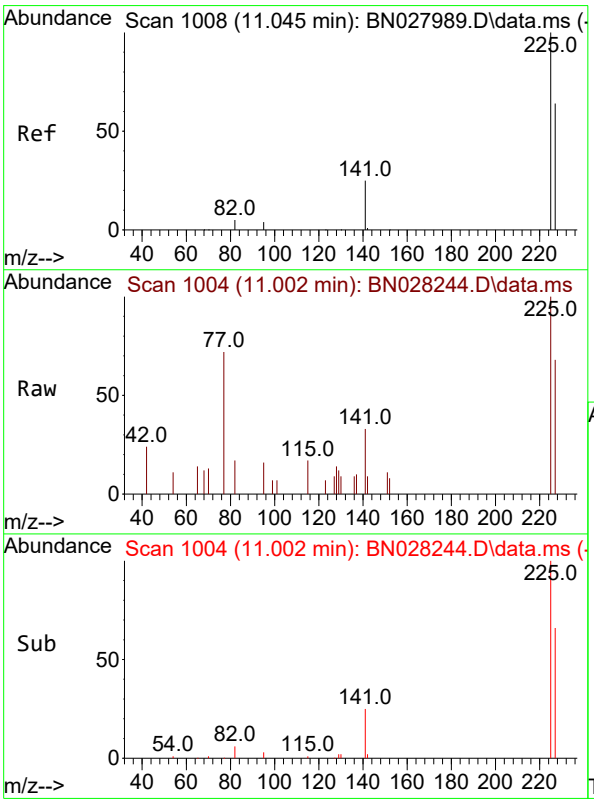
#9
Naphthalene
Concen: 0.396 ng
RT: 10.789 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN028244.D
Acq: 11 Oct 2023 22:03

Instrument :
BNA_N
ClientSampleId :
PB156246BS

Tgt Ion:128 Resp: 8487

Ion	Ratio	Lower	Upper
128	100		
129	12.7	9.4	14.2
127	14.4	10.9	16.3

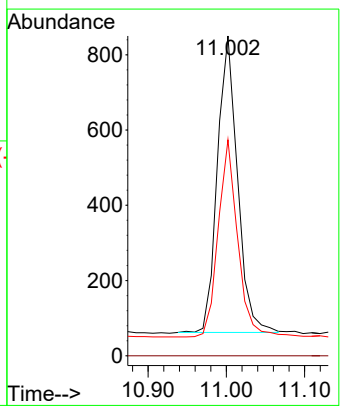


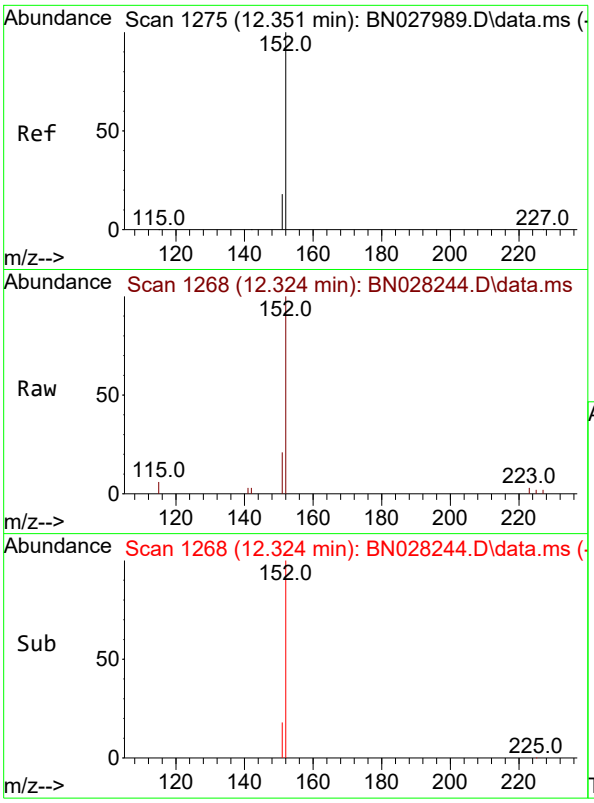


#10
Hexachlorobutadiene
Concen: 0.369 ng
RT: 11.002 min Scan# 1004
Delta R.T. -0.011 min
Lab File: BN028244.D
Acq: 11 Oct 2023 22:03

Tgt Ion:225 Resp: 1407

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.2	51.3	76.9



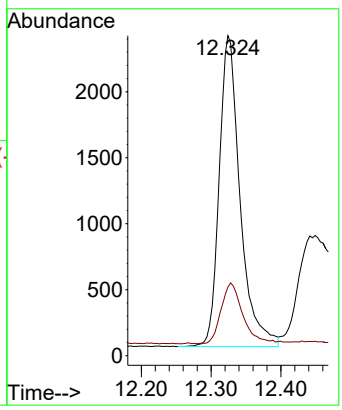


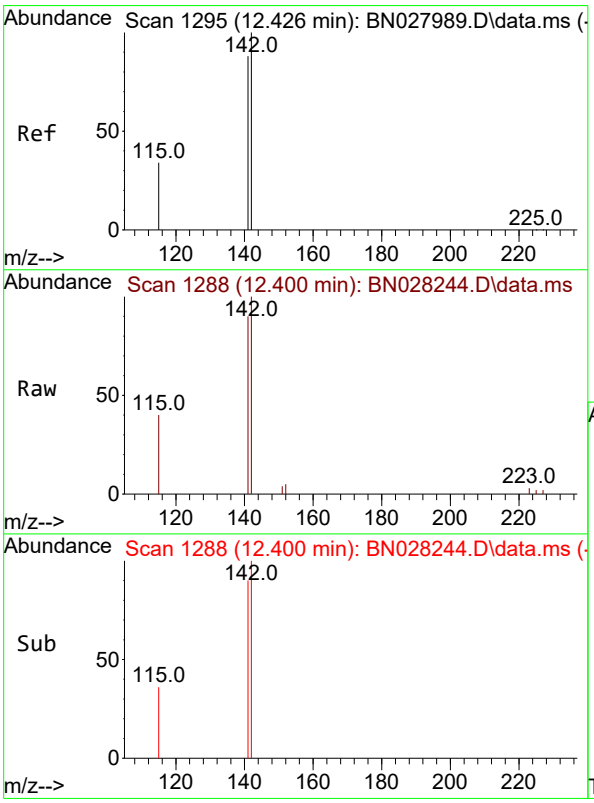
#11
2-Methylnaphthalene-d10
Concen: 0.399 ng
RT: 12.324 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028244.D
Acq: 11 Oct 2023 22:03

Instrument :
BNA_N
ClientSampleId :
PB156246BS

Tgt Ion:152 Resp: 4909

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.5	24.7

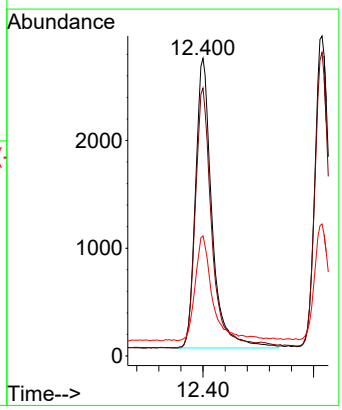


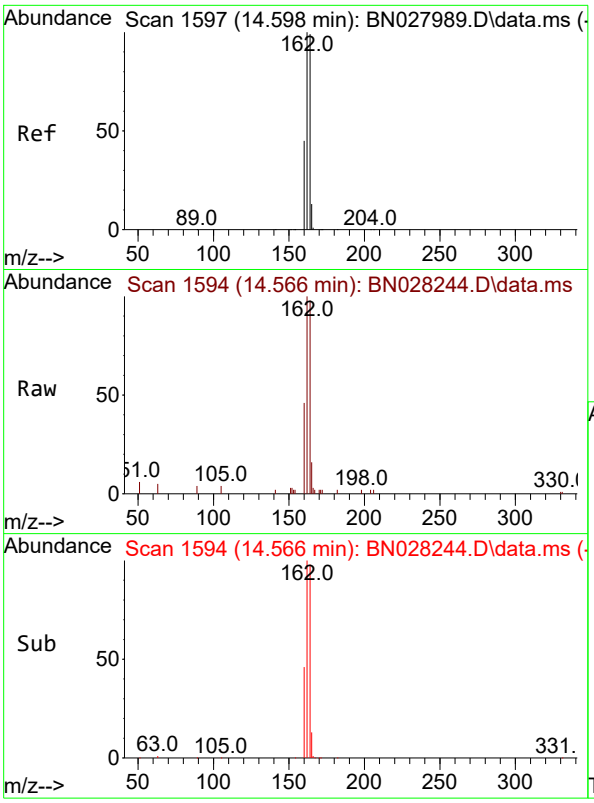


#12
2-Methylnaphthalene
Concen: 0.373 ng
RT: 12.400 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BN028244.D
Acq: 11 Oct 2023 22:03

Tgt Ion:142 Resp: 5592

Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.7	106.1
115	40.4	28.6	42.8



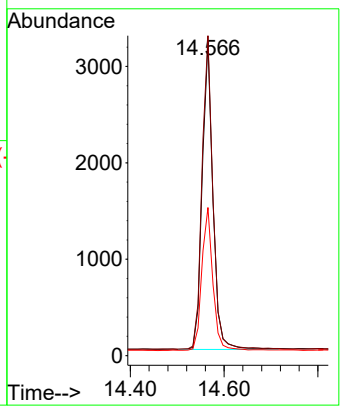


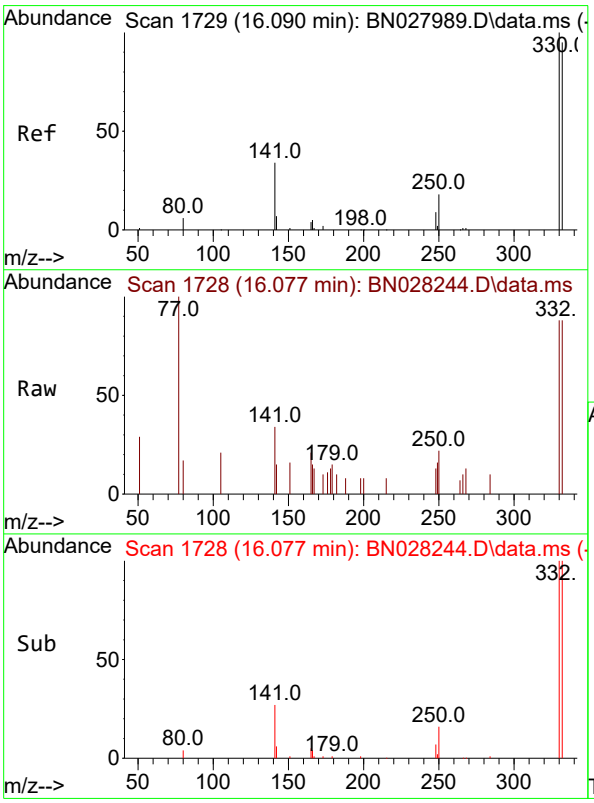
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.566 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028244.D
Acq: 11 Oct 2023 22:03

Instrument :
BNA_N
ClientSampleId :
PB156246BS

Tgt Ion:164 Resp: 5065

Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.8	121.2
160	47.3	36.4	54.6

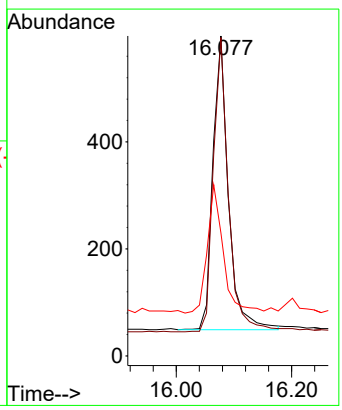


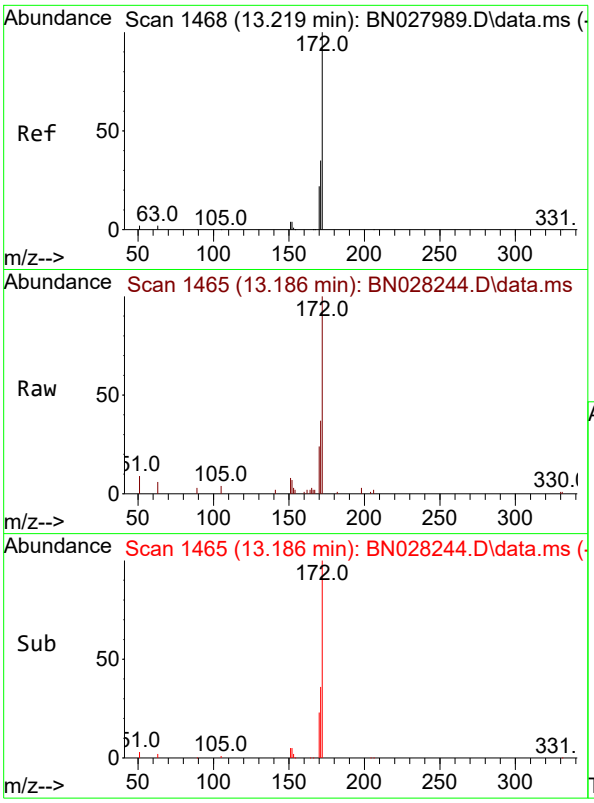


#14
2,4,6-Tribromophenol
Concen: 0.441 ng
RT: 16.077 min Scan# 1728
Delta R.T. -0.000 min
Lab File: BN028244.D
Acq: 11 Oct 2023 22:03

Tgt Ion:330 Resp: 1022

Ion	Ratio	Lower	Upper
330	100		
332	97.9	78.1	117.1
141	44.8	33.4	50.2



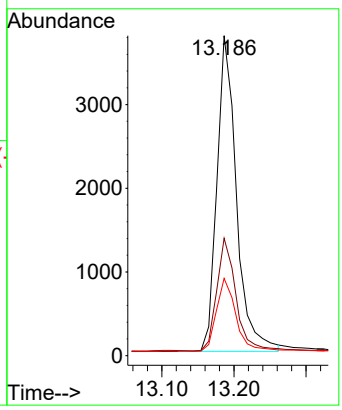


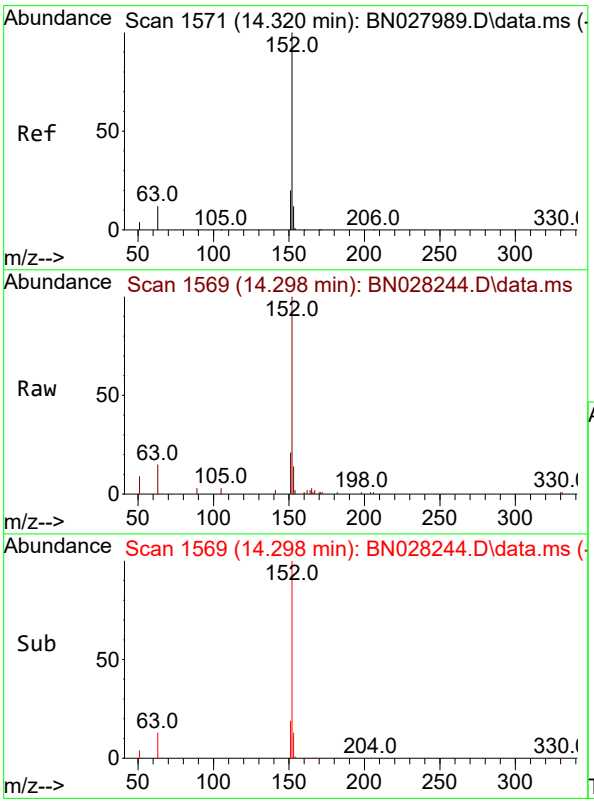
#15
2-Fluorobiphenyl
Concen: 0.387 ng
RT: 13.186 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN028244.D
Acq: 11 Oct 2023 22:03

Instrument :
BNA_N
ClientSampleId :
PB156246BS

Tgt Ion:172 Resp: 7073

Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.1	42.1
170	24.2	18.4	27.6

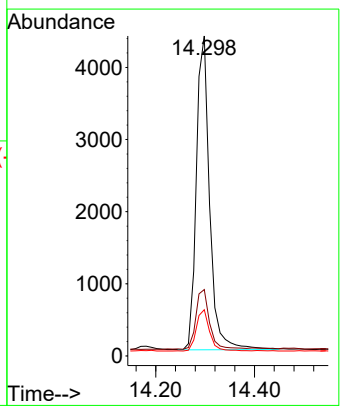


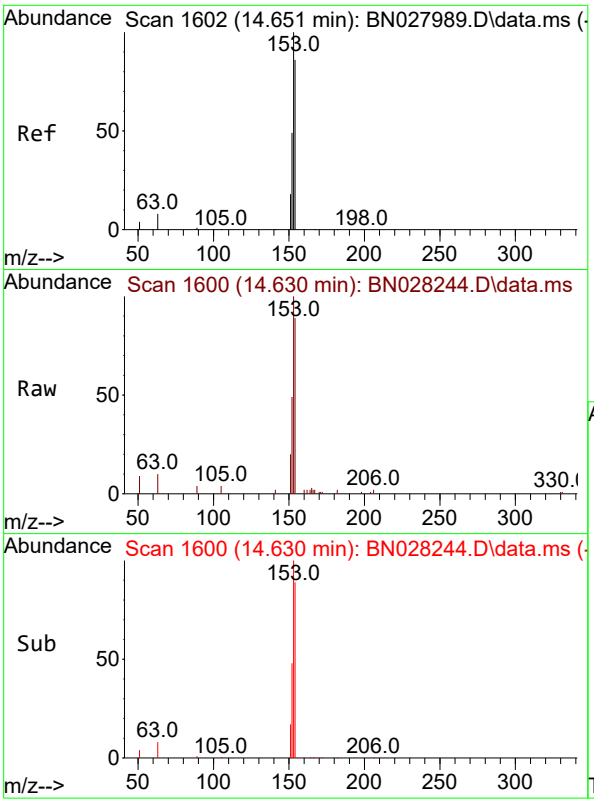


#16
Acenaphthylene
Concen: 0.363 ng
RT: 14.298 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BN028244.D
Acq: 11 Oct 2023 22:03

Tgt Ion:152 Resp: 8140

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.6
153	13.2	10.2	15.4



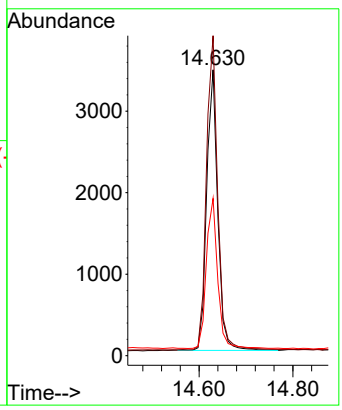


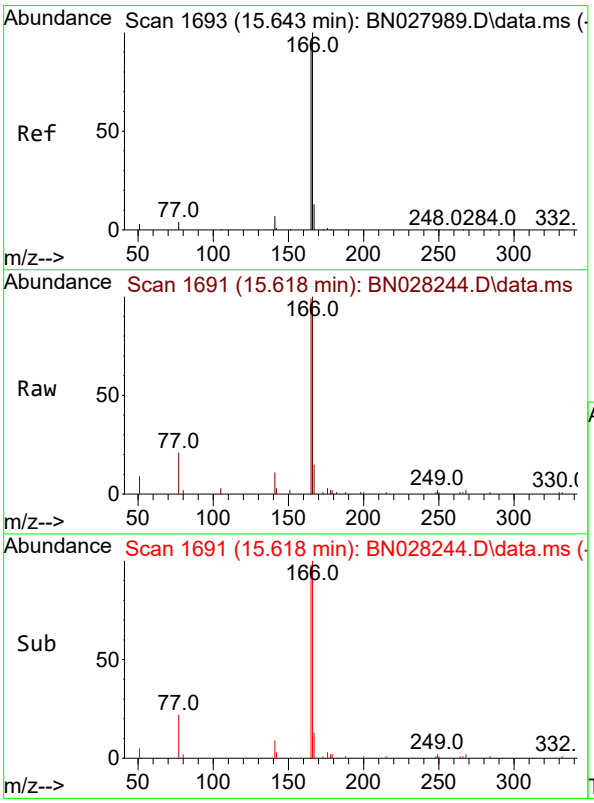
#17
Acenaphthene
Concen: 0.392 ng
RT: 14.630 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028244.D
Acq: 11 Oct 2023 22:03

Instrument :
BNA_N
ClientSampleId :
PB156246BS

Tgt Ion:154 Resp: 5612

Ion	Ratio	Lower	Upper
154	100		
153	114.5	90.8	136.2
152	54.9	43.9	65.9

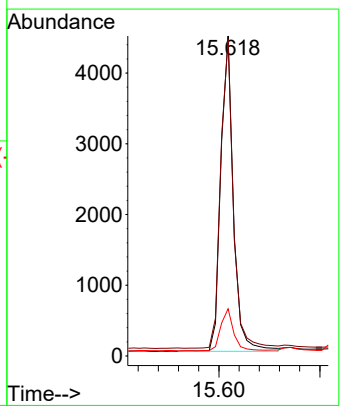


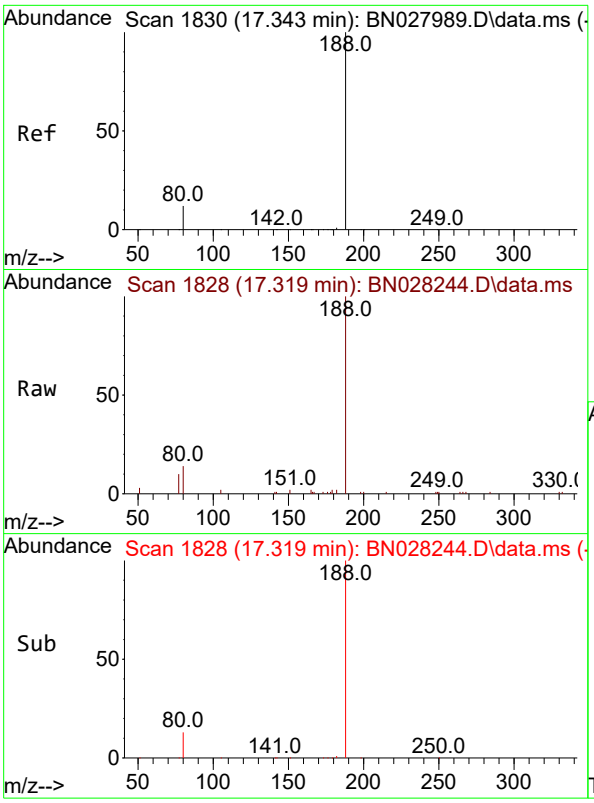


#18
Fluorene
Concen: 0.413 ng
RT: 15.618 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BN028244.D
Acq: 11 Oct 2023 22:03

Tgt Ion:166 Resp: 7679

Ion	Ratio	Lower	Upper
166	100		
165	98.1	77.8	116.8
167	13.4	10.7	16.1



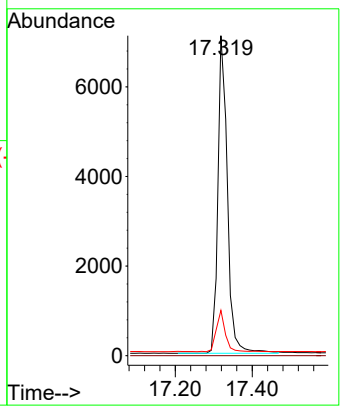


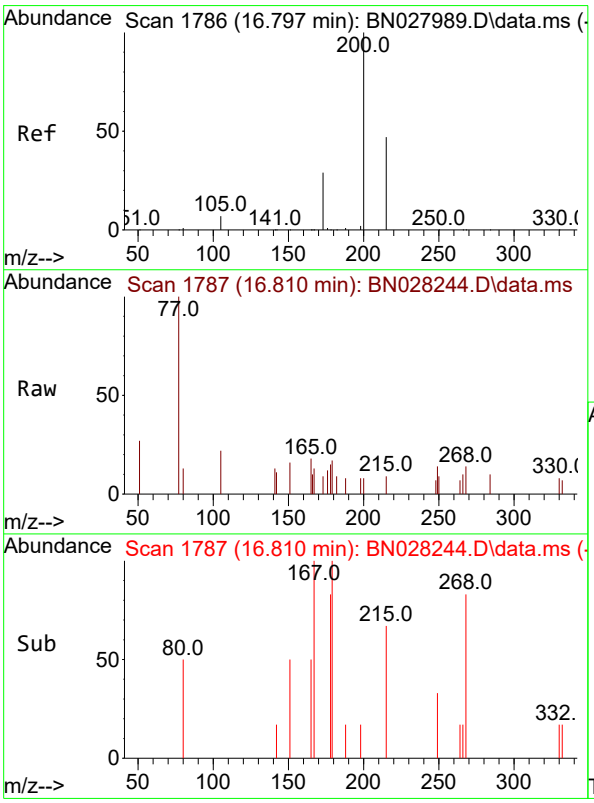
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.319 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028244.D
Acq: 11 Oct 2023 22:03

Instrument :
BNA_N
ClientSampleId :
PB156246BS

Tgt Ion:188 Resp: 12145

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.1	10.2	15.4

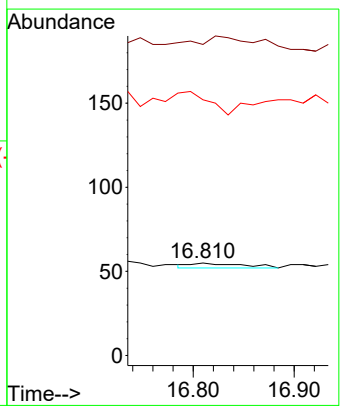


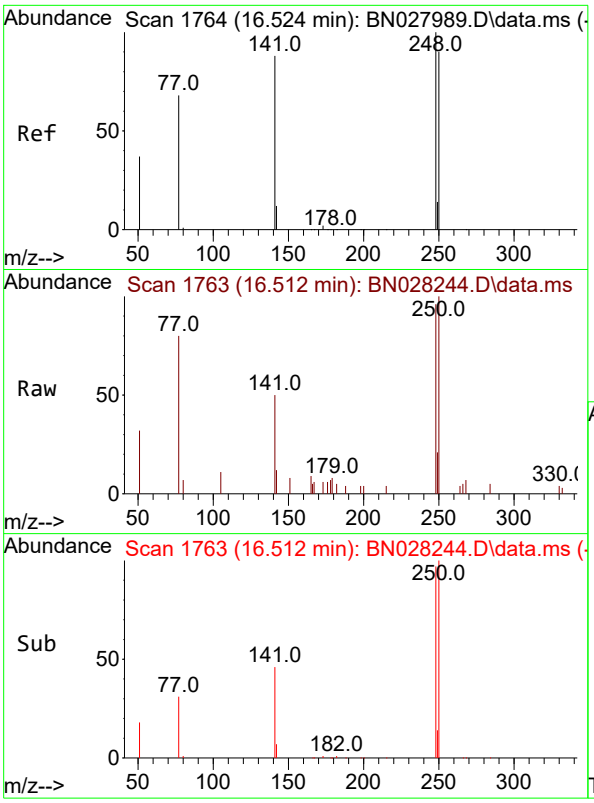


#20
4,6-Dinitro-2-methylphenol
Concen: 0.062 ng
RT: 16.810 min Scan# 1787
Delta R.T. 0.025 min
Lab File: BN028244.D
Acq: 11 Oct 2023 22:03

Tgt Ion:198 Resp: 10

Ion	Ratio	Lower	Upper
198	100		
51	336.4	180.7	271.1#
105	276.4	222.2	333.2



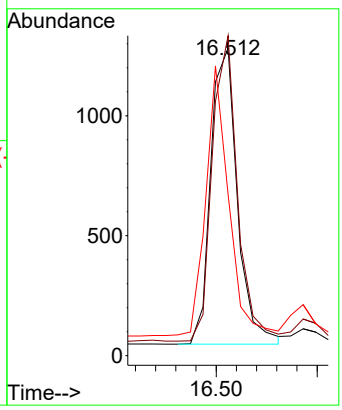


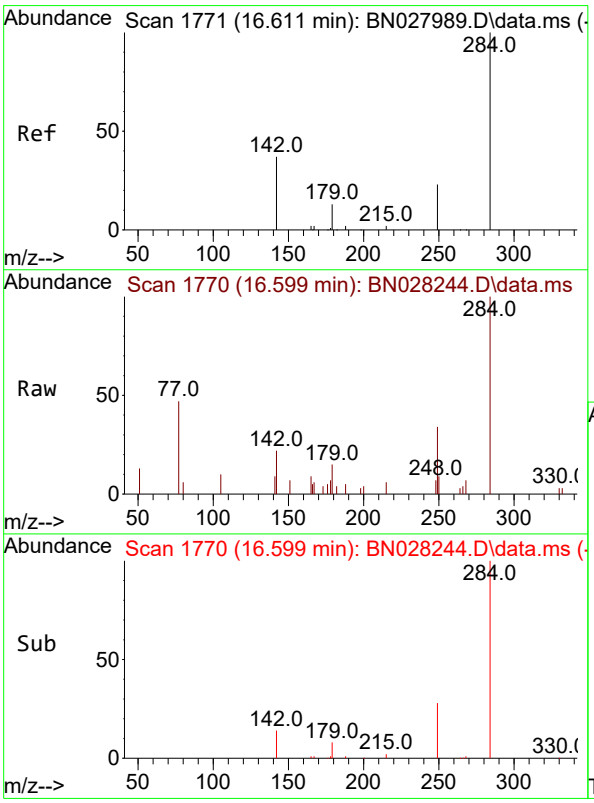
#21
4-Bromophenyl-phenylether
Concen: 0.358 ng
RT: 16.512 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028244.D
Acq: 11 Oct 2023 22:03

Instrument :
BNA_N
ClientSampleId :
PB156246BS

Tgt Ion:248 Resp: 2267

Ion	Ratio	Lower	Upper
248	100		
250	104.0	72.3	108.5
141	52.3	71.8	107.6#

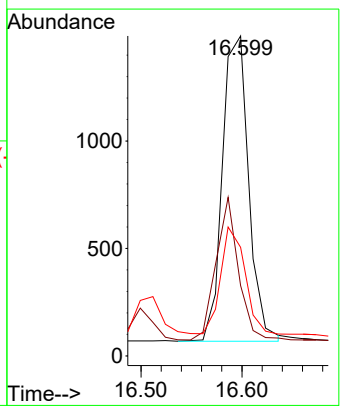


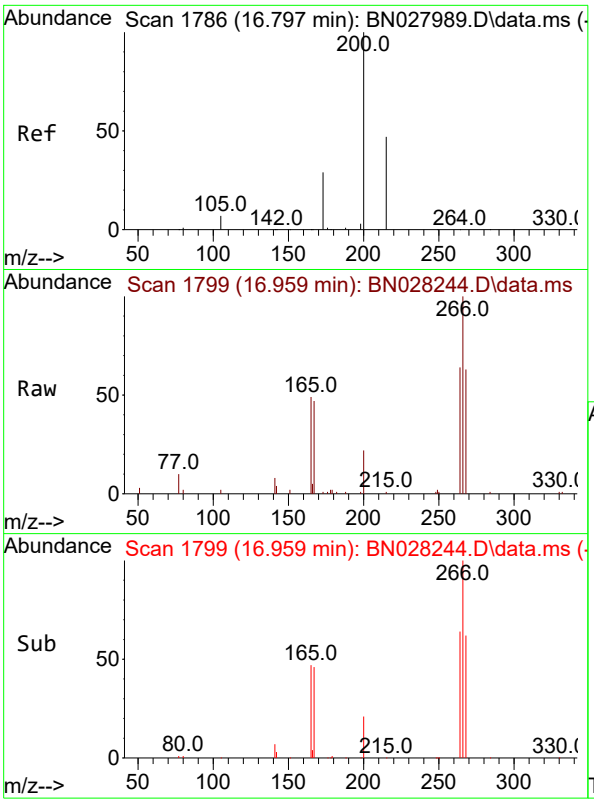


#22
Hexachlorobenzene
Concen: 0.387 ng
RT: 16.599 min Scan# 1770
Delta R.T. 0.012 min
Lab File: BN028244.D
Acq: 11 Oct 2023 22:03

Tgt Ion:284 Resp: 2569

Ion	Ratio	Lower	Upper
284	100		
142	39.7	29.9	44.9
249	32.4	25.0	37.4



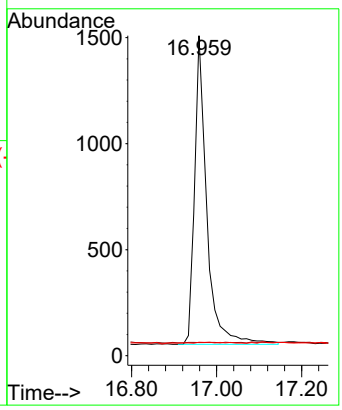


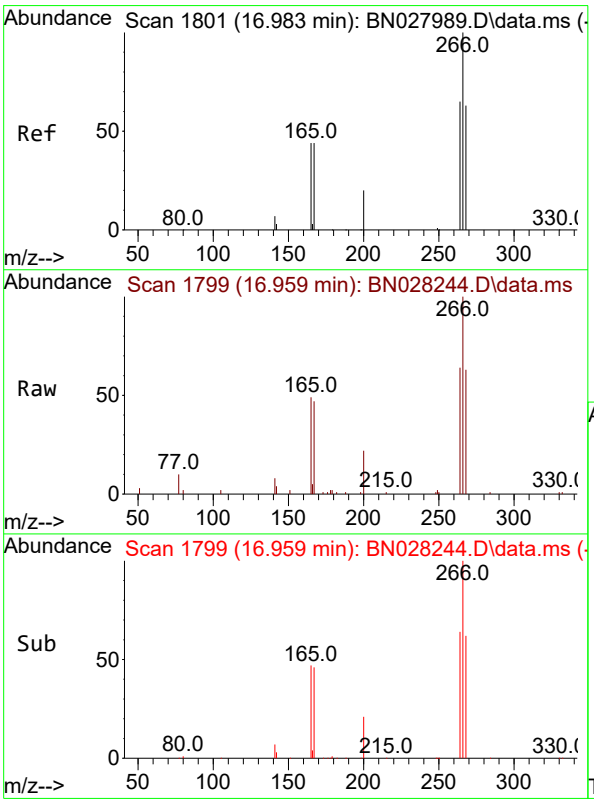
#23
Atrazine
Concen: 0.523 ng
RT: 16.959 min Scan# 1
Delta R.T. 0.174 min
Lab File: BN028244.D
Acq: 11 Oct 2023 22:03

Instrument :
BNA_N
ClientSampleId :
PB156246BS

Tgt Ion:200 Resp: 2894

Ion	Ratio	Lower	Upper
200	100		
173	4.1	24.7	37.1#
215	4.2	39.0	58.6#

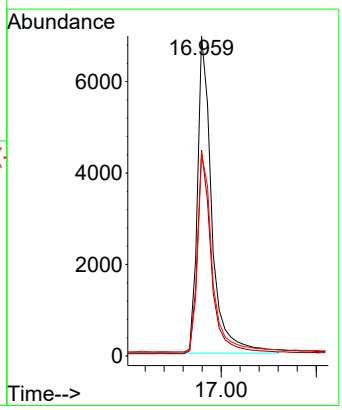


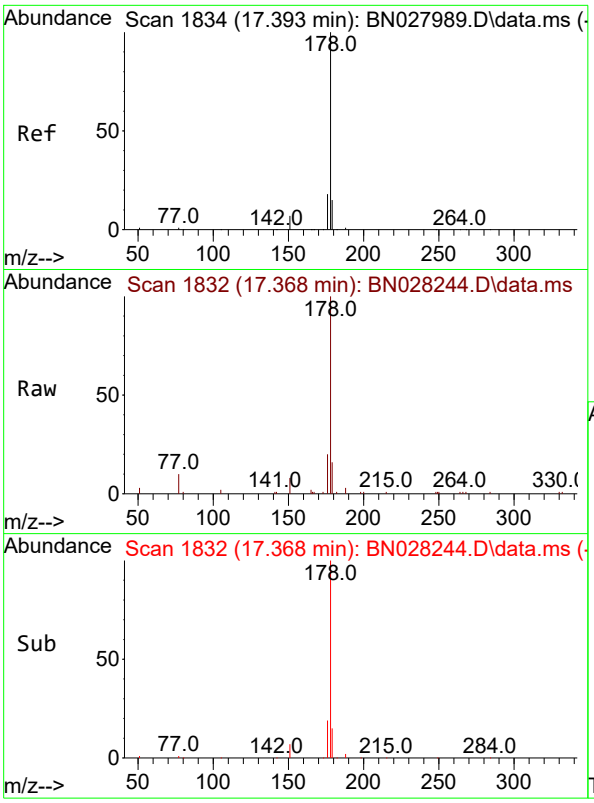


#24
Pentachlorophenol
Concen: 4.659 ng
RT: 16.959 min Scan# 1799
Delta R.T. -0.013 min
Lab File: BN028244.D
Acq: 11 Oct 2023 22:03

Tgt Ion:266 Resp: 14579

Ion	Ratio	Lower	Upper
266	100		
264	63.0	52.7	79.1
268	63.9	56.2	84.2



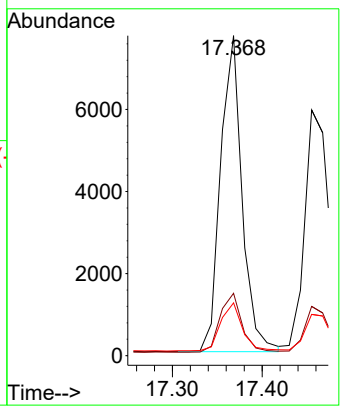


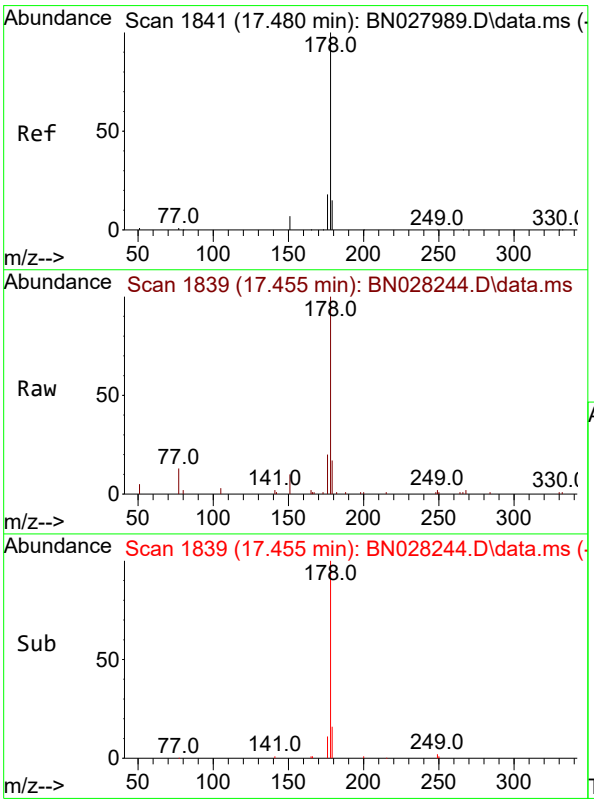
#25
Phenanthrene
Concen: 0.393 ng
RT: 17.368 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028244.D
Acq: 11 Oct 2023 22:03

Instrument :
BNA_N
ClientSampleId :
PB156246BS

Tgt Ion:178 Resp: 12857

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.5	12.4	18.6

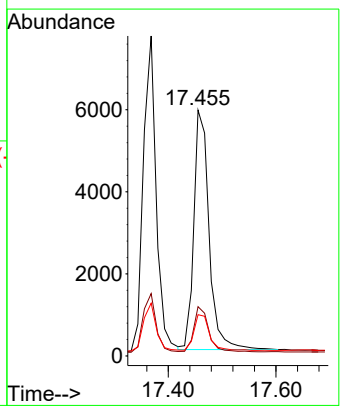


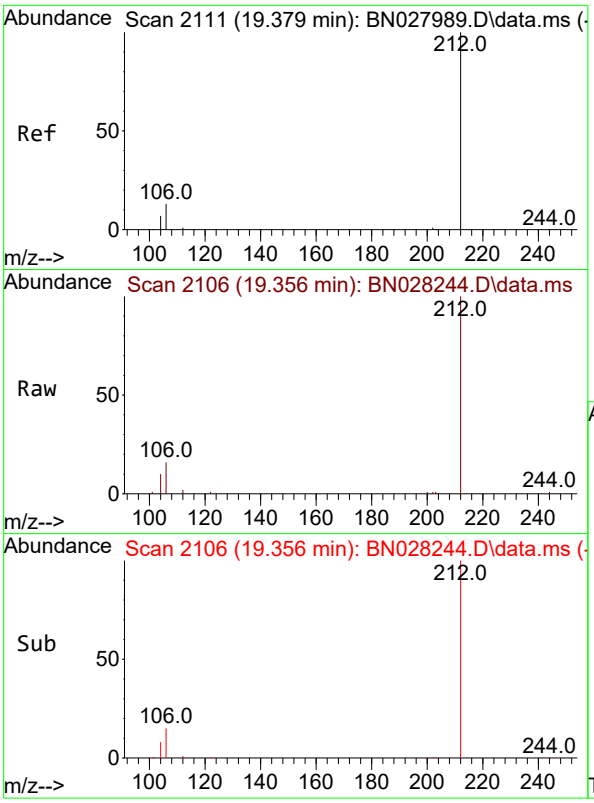


#26
Anthracene
Concen: 0.372 ng
RT: 17.455 min Scan# 1839
Delta R.T. -0.000 min
Lab File: BN028244.D
Acq: 11 Oct 2023 22:03

Tgt Ion:178 Resp: 11524

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.7	22.1
179	15.1	12.2	18.2



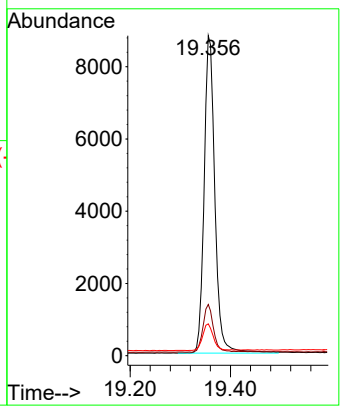


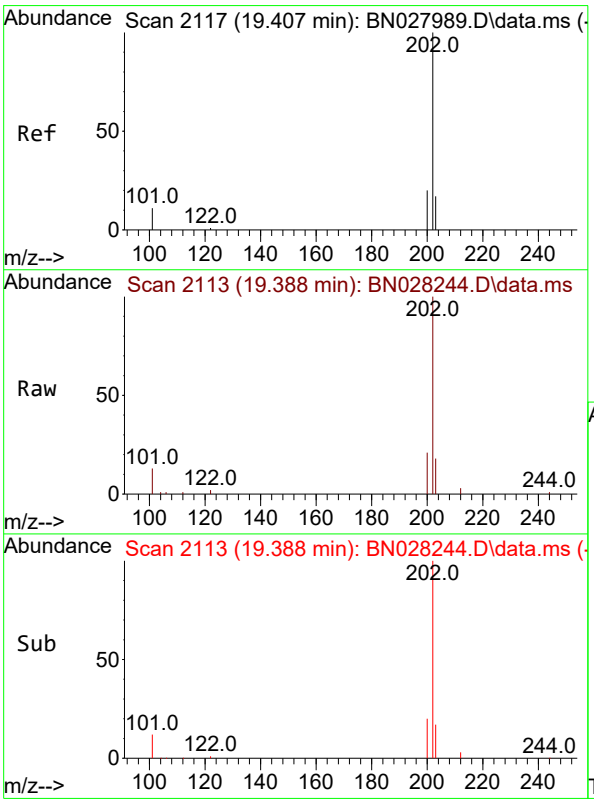
#27
Fluoranthene-d10
Concen: 0.430 ng
RT: 19.356 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN028244.D
Acq: 11 Oct 2023 22:03

Instrument :
BNA_N
ClientSampleId :
PB156246BS

Tgt Ion:212 Resp: 13112

Ion	Ratio	Lower	Upper
212	100		
106	14.8	11.3	16.9
104	8.5	6.4	9.6

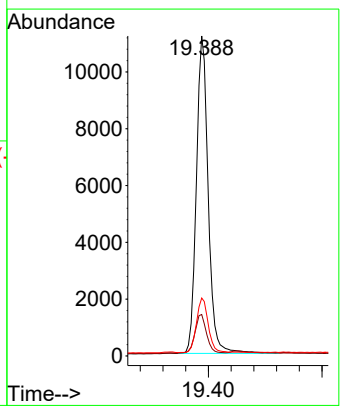


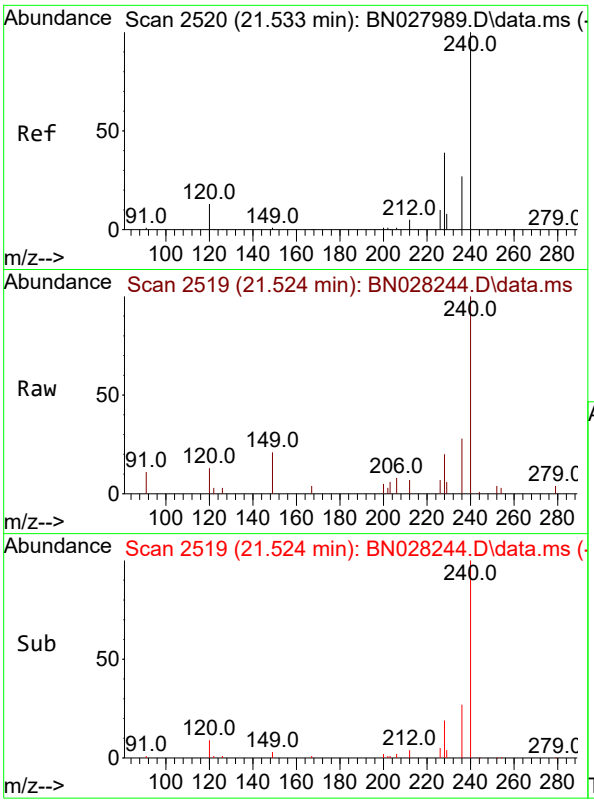


#28
Fluoranthene
Concen: 0.428 ng
RT: 19.388 min Scan# 2113
Delta R.T. 0.004 min
Lab File: BN028244.D
Acq: 11 Oct 2023 22:03

Tgt Ion:202 Resp: 16176

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.8	14.6
203	16.9	13.8	20.8



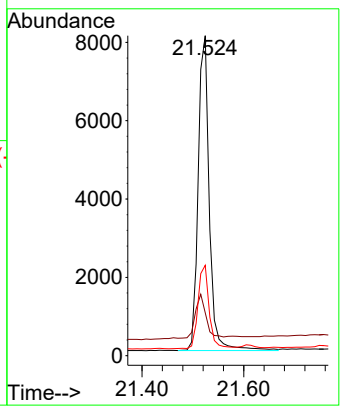


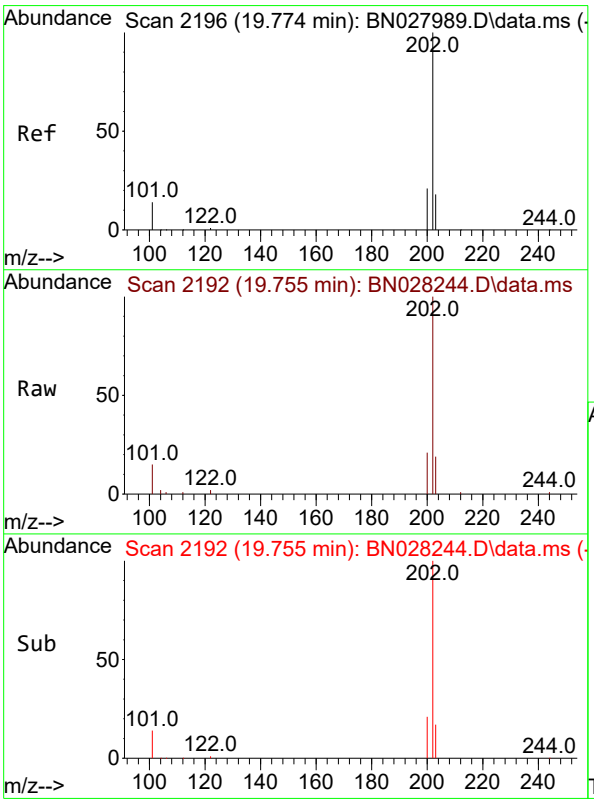
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.524 min Scan# 2
Delta R.T. 0.009 min
Lab File: BN028244.D
Acq: 11 Oct 2023 22:03

Instrument :
BNA_N
ClientSampleId :
PB156246BS

Tgt Ion:240 Resp: 12233

Ion	Ratio	Lower	Upper
240	100		
120	13.4	13.8	20.6#
236	28.2	22.6	33.8

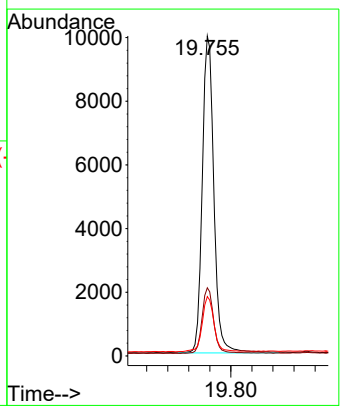


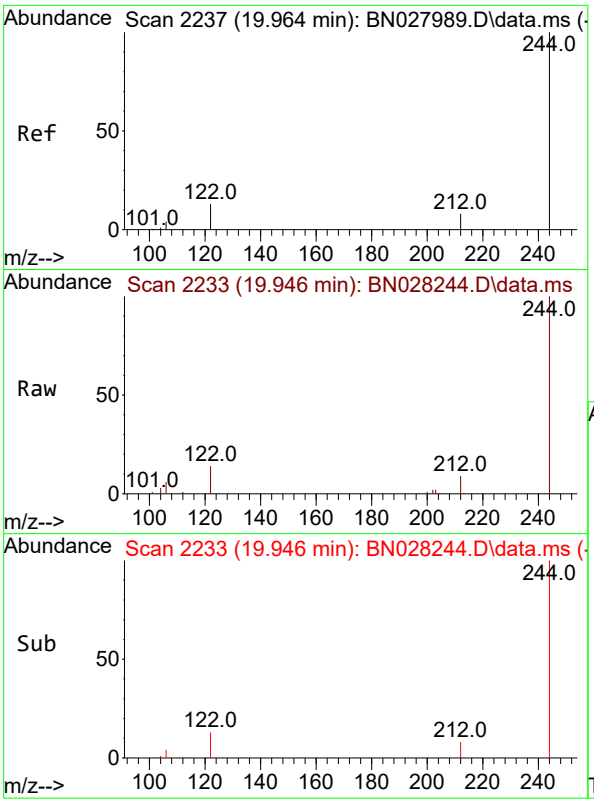


#30
Pyrene
Concen: 0.341 ng
RT: 19.755 min Scan# 2192
Delta R.T. 0.004 min
Lab File: BN028244.D
Acq: 11 Oct 2023 22:03

Tgt Ion:202 Resp: 15282

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	17.7	14.7	22.1



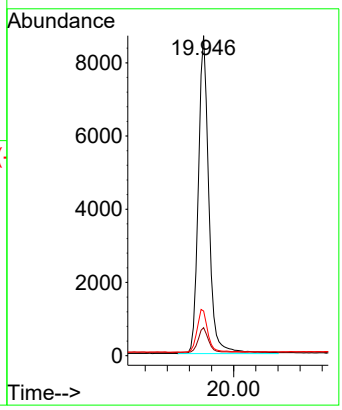


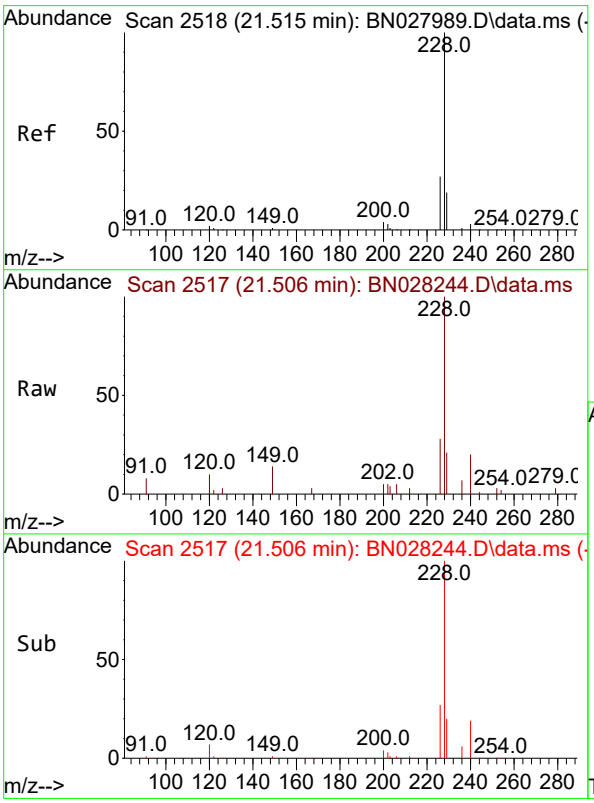
#31
Terphenyl-d14
Concen: 0.402 ng
RT: 19.946 min Scan# 2
Delta R.T. 0.004 min
Lab File: BN028244.D
Acq: 11 Oct 2023 22:03

Instrument :
BNA_N
ClientSampleId :
PB156246BS

Tgt Ion:244 Resp: 11481

Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.6	9.8
122	13.9	11.4	17.0

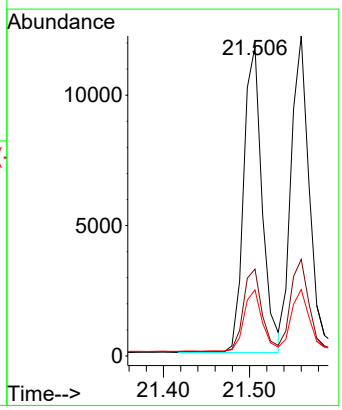


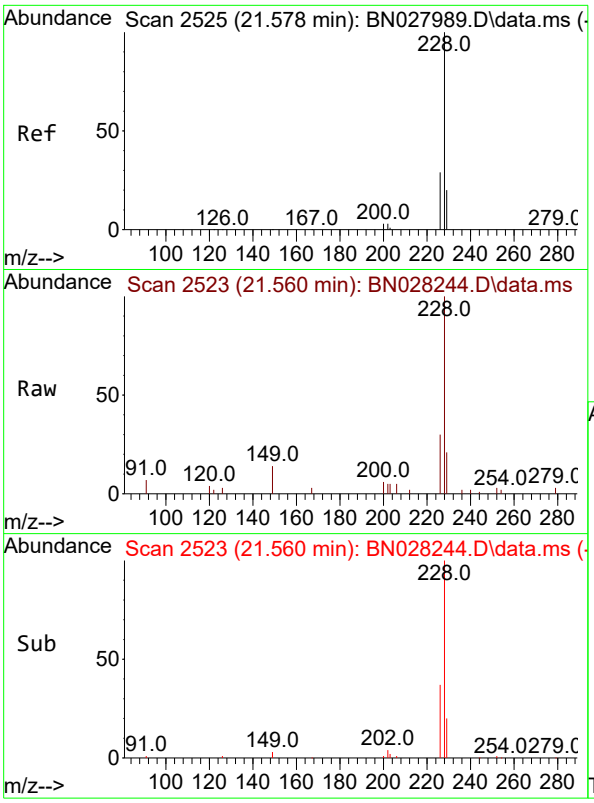


#32
Benzo(a)anthracene
Concen: 0.420 ng
RT: 21.506 min Scan# 2517
Delta R.T. 0.009 min
Lab File: BN028244.D
Acq: 11 Oct 2023 22:03

Tgt Ion:228 Resp: 17463

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.0	33.0
229	21.3	16.0	24.0



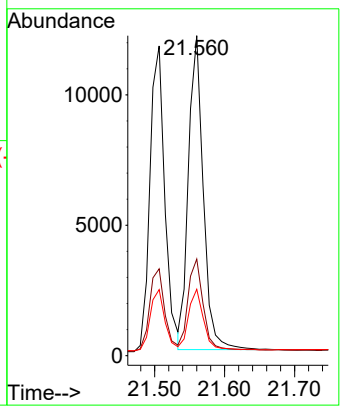


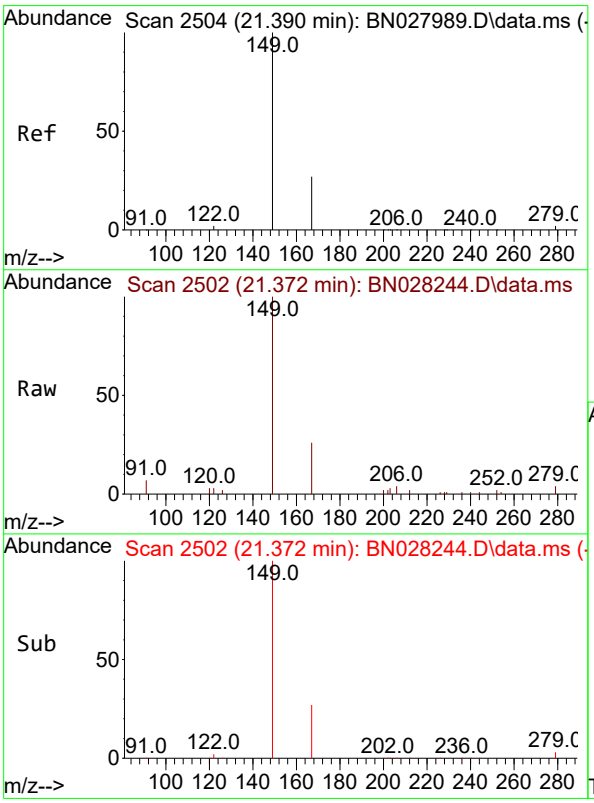
#33
Chrysene
Concen: 0.442 ng
RT: 21.560 min Scan# 2
Delta R.T. 0.009 min
Lab File: BN028244.D
Acq: 11 Oct 2023 22:03

Instrument :
BNA_N
ClientSampleId :
PB156246BS

Tgt Ion:228 Resp: 17751

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.8	35.8
229	20.7	16.6	25.0

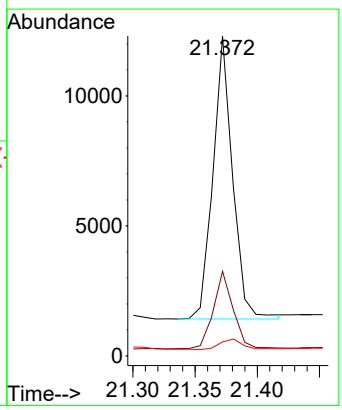


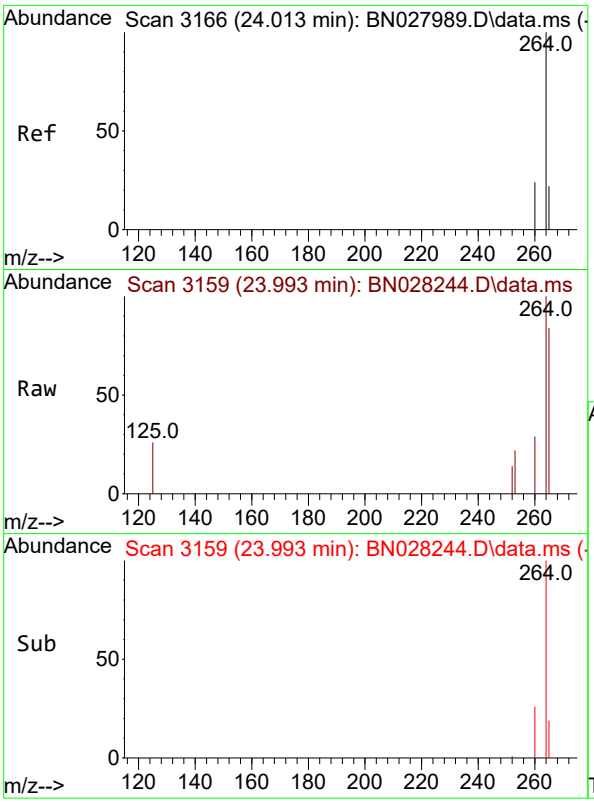


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.437 ng
RT: 21.372 min Scan# 2502
Delta R.T. 0.009 min
Lab File: BN028244.D
Acq: 11 Oct 2023 22:03

Tgt Ion:149 Resp: 11955

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.1	33.1
279	4.4	3.4	5.0



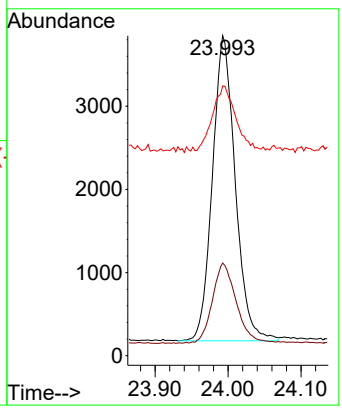


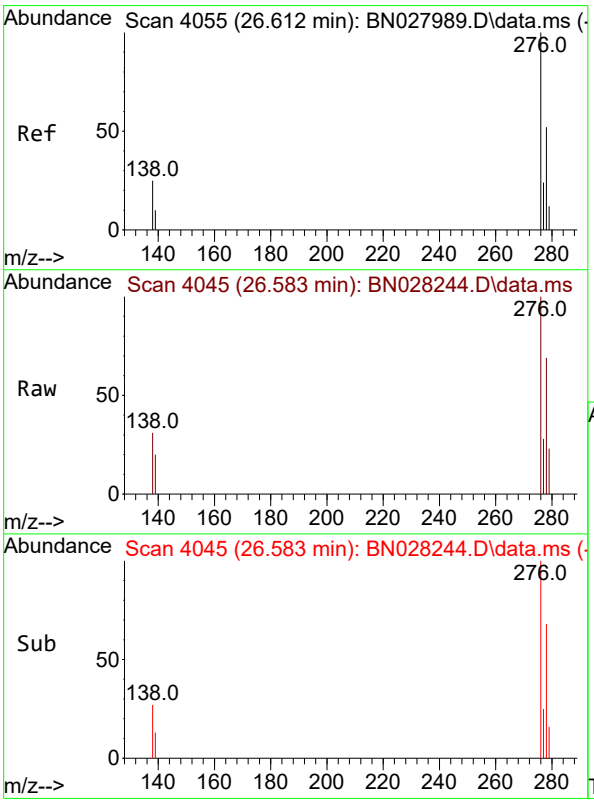
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.993 min Scan# 3
Delta R.T. 0.017 min
Lab File: BN028244.D
Acq: 11 Oct 2023 22:03

Instrument :
BNA_N
ClientSampleId :
PB156246BS

Tgt Ion:264 Resp: 7961

Ion	Ratio	Lower	Upper
264	100		
260	28.9	20.2	30.4
265	84.3	54.8	82.2#

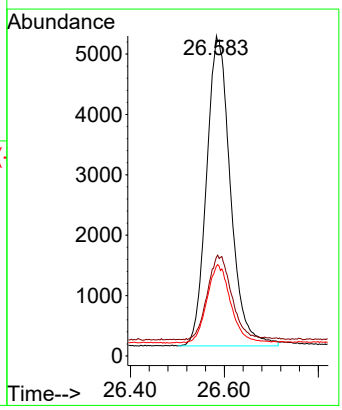


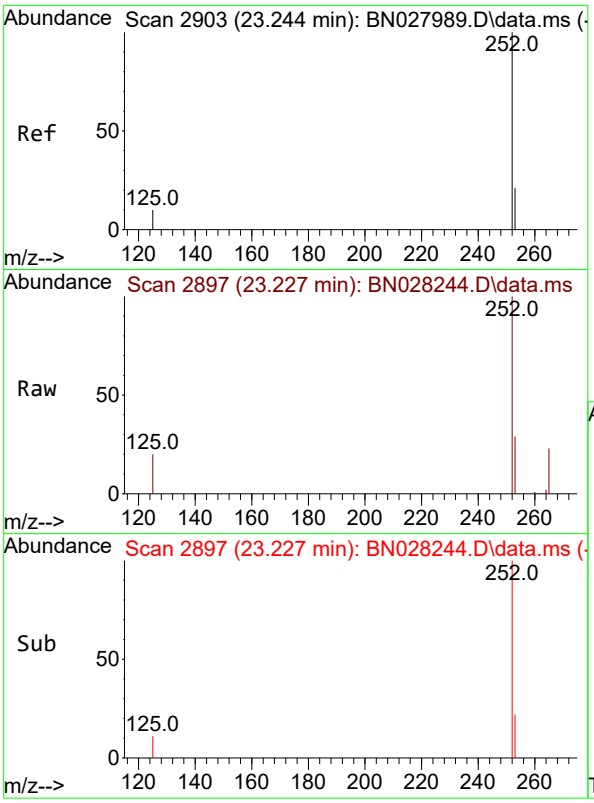


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.677 ng
RT: 26.583 min Scan# 4045
Delta R.T. 0.026 min
Lab File: BN028244.D
Acq: 11 Oct 2023 22:03

Tgt Ion:276 Resp: 18116

Ion	Ratio	Lower	Upper
276	100		
138	27.4	20.9	31.3
277	24.9	19.8	29.6



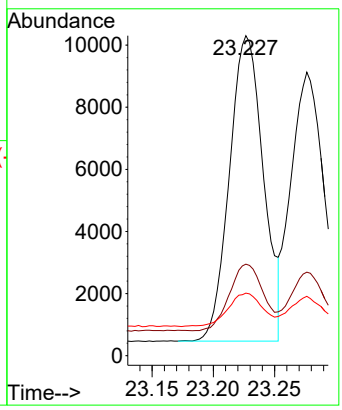


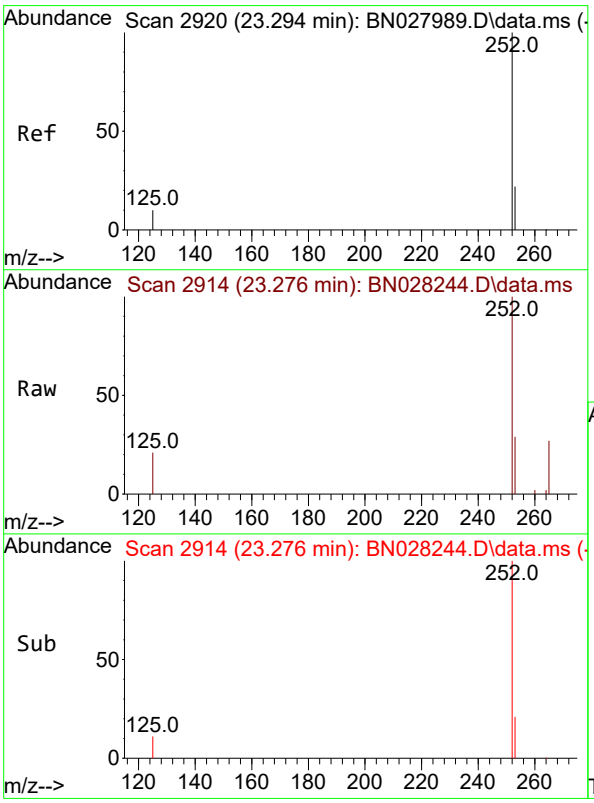
#37
Benzo(b)fluoranthene
Concen: 0.737 ng
RT: 23.227 min Scan# 2
Delta R.T. 0.014 min
Lab File: BN028244.D
Acq: 11 Oct 2023 22:03

Instrument :
BNA_N
ClientSampleId :
PB156246BS

Tgt Ion:252 Resp: 18959

Ion	Ratio	Lower	Upper
252	100		
253	28.6	22.9	34.3
125	19.5	13.8	20.8

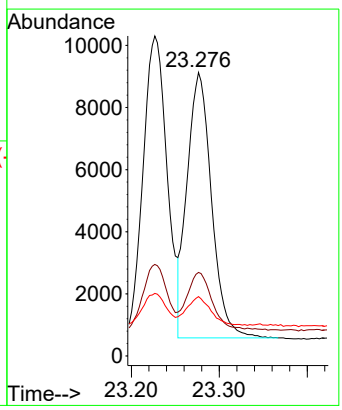


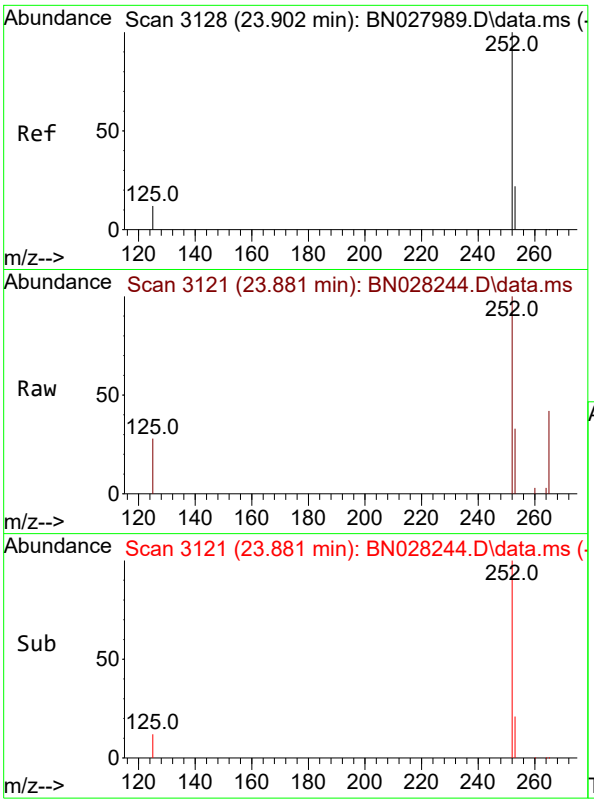


#38
Benzo(k)fluoranthene
Concen: 0.633 ng
RT: 23.276 min Scan# 2914
Delta R.T. 0.014 min
Lab File: BN028244.D
Acq: 11 Oct 2023 22:03

Tgt Ion:252 Resp: 16513

Ion	Ratio	Lower	Upper
252	100		
253	29.5	23.1	34.7
125	21.0	13.8	20.8#



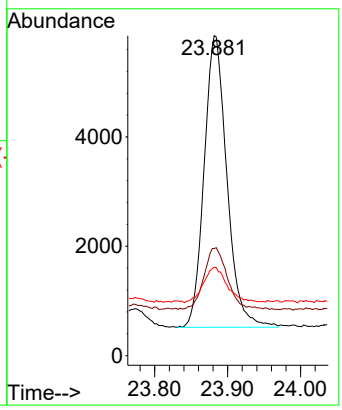


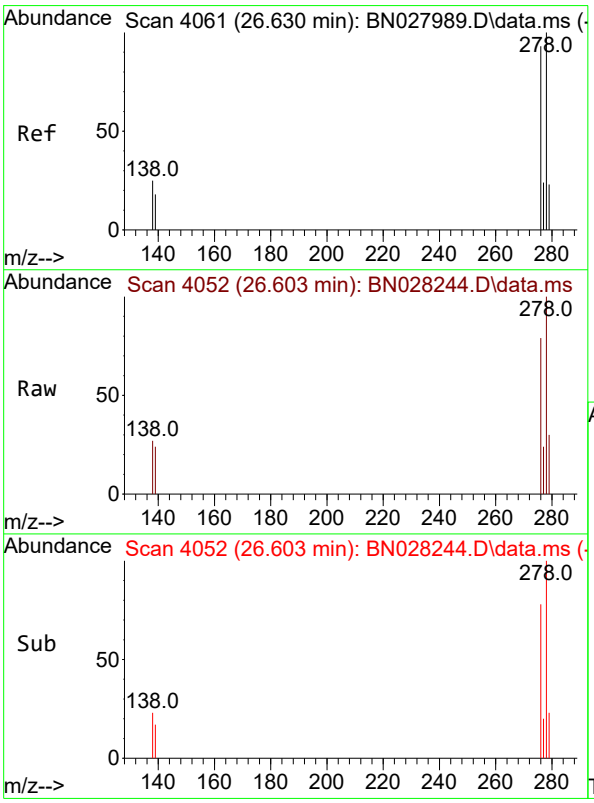
#39
Benzo(a)pyrene
Concen: 0.476 ng
RT: 23.881 min Scan# 3
Delta R.T. 0.017 min
Lab File: BN028244.D
Acq: 11 Oct 2023 22:03

Instrument :
BNA_N
ClientSampleId :
PB156246BS

Tgt Ion:252 Resp: 11572

Ion	Ratio	Lower	Upper
252	100		
253	33.5	25.0	37.4
125	27.7	16.6	24.8#

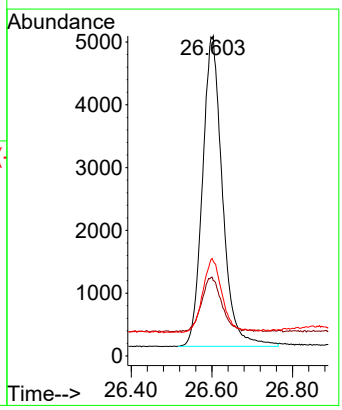


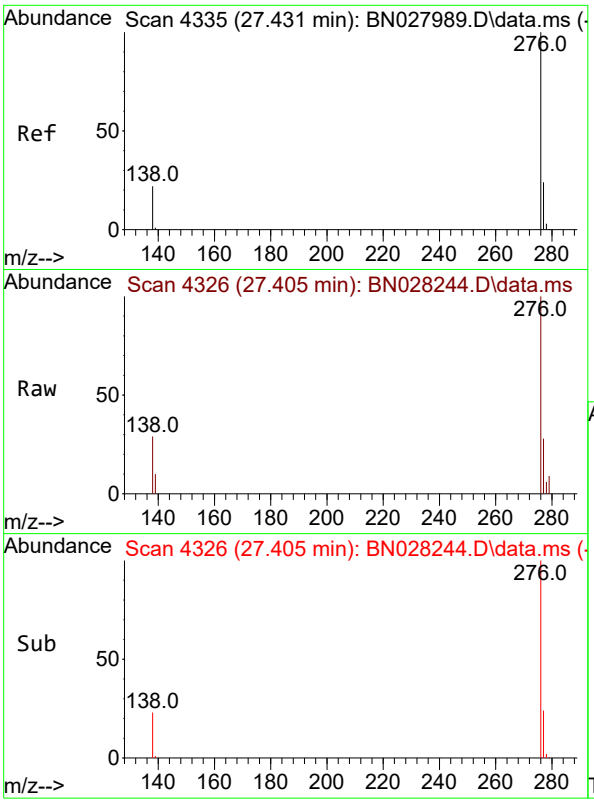


#40
Dibenzo(a,h)anthracene
Concen: 0.773 ng
RT: 26.603 min Scan# 4052
Delta R.T. 0.026 min
Lab File: BN028244.D
Acq: 11 Oct 2023 22:03

Tgt Ion:278 Resp: 16944

Ion	Ratio	Lower	Upper
278	100		
139	23.6	17.7	26.5
279	29.6	25.2	37.8





#41
Benzo(g,h,i)perylene
Concen: 0.642 ng
RT: 27.405 min Scan# 4
Delta R.T. 0.038 min
Lab File: BN028244.D
Acq: 11 Oct 2023 22:03

Instrument :
BNA_N
ClientSampleId :
PB156246BS

Tgt Ion:276 Resp: 14435

Ion	Ratio	Lower	Upper
276	100		
277	28.0	22.1	33.1
138	29.0	20.8	31.2