Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101123\
Data File : BN028245.D
Acq On : 11 Oct 2023 22:39
Operator : MA/JU
Sample : PB156272BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB156272BS

Quant Time: Oct 12 04:07:07 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	2121	0.400	ng		0.00
7) Naphthalene-d8	10.735	136	7162	0.400	ng	#	0.00
13) Acenaphthene-d10	14.566	164	4313	0.400	ng		0.00
19) Phenanthrene-d10	17.319	188	10565	0.400	ng		0.00
29) Chrysene-d12	21.524	240	10802	0.400	ng		0.00
35) Perylene-d12	23.993	264	7628	0.400	ng	#	0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.459	112	2632	0.416	ng		0.00
5) Phenol-d6	7.091	99	3182	0.399	ng		0.00
8) Nitrobenzene-d5	9.123	82	2176	0.357	ng		0.00
11) 2-Methylnaphthalene-d10	12.324	152	4079	0.384	ng		0.00
14) 2,4,6-Tribromophenol	16.077	330	837	0.424	ng		0.00
15) 2-Fluorobiphenyl	13.187	172	5924	0.381	ng		0.00
27) Fluoranthene-d10	19.356	212	11426	0.431	ng		0.00
31) Terphenyl-d14	19.946	244	9823	0.390	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	797	0.335	ng	#	49
3) n-Nitrosodimethylamine	3.689	42	1098	0.403	ng	#	95
6) bis(2-Chloroethyl)ether	7.358	93	2503	0.389	ng		98
9) Naphthalene	10.789	128	7088	0.383	ng		96
10) Hexachlorobutadiene	11.002	225	1185	0.361	ng	#	99
12) 2-Methylnaphthalene	12.400	142	4680	0.362	ng		96
16) Acenaphthylene	14.298	152	7125	0.373	ng		99
17) Acenaphthene	14.630	154	4734	0.389	ng		98
18) Fluorene	15.618	166	6656	0.421	ng		99
20) 4,6-Dinitro-2-methylph...	16.760	198	4	0.028	ng	#	76
21) 4-Bromophenyl-phenylether	16.512	248	1887	0.343	ng	#	72
22) Hexachlorobenzene	16.599	284	2157	0.373	ng		98
23) Atrazine	16.959	200	2432	0.506	ng	#	42
24) Pentachlorophenol	16.959	266	12034	4.421	ng		94
25) Phenanthrene	17.368	178	11206	0.393	ng		100
26) Anthracene	17.455	178	9916	0.368	ng		99
28) Fluoranthene	19.388	202	14174	0.431	ng		99
30) Pyrene	19.755	202	13761	0.347	ng		99
32) Benzo(a)anthracene	21.506	228	15334	0.417	ng		99
33) Chrysene	21.560	228	15604	0.441	ng		99
34) Bis(2-ethylhexyl)phtha...	21.372	149	9805	0.406	ng		99
36) Indeno(1,2,3-cd)pyrene	26.583	276	16616	0.648	ng		98
37) Benzo(b)fluoranthene	23.227	252	16837	0.683	ng		97
38) Benzo(k)fluoranthene	23.276	252	14806	0.593	ng	#	95
39) Benzo(a)pyrene	23.885	252	10986	0.472	ng	#	89
40) Dibenzo(a,h)anthracene	26.601	278	15003	0.715	ng		97
41) Benzo(g,h,i)perylene	27.405	276	13474	0.625	ng		97

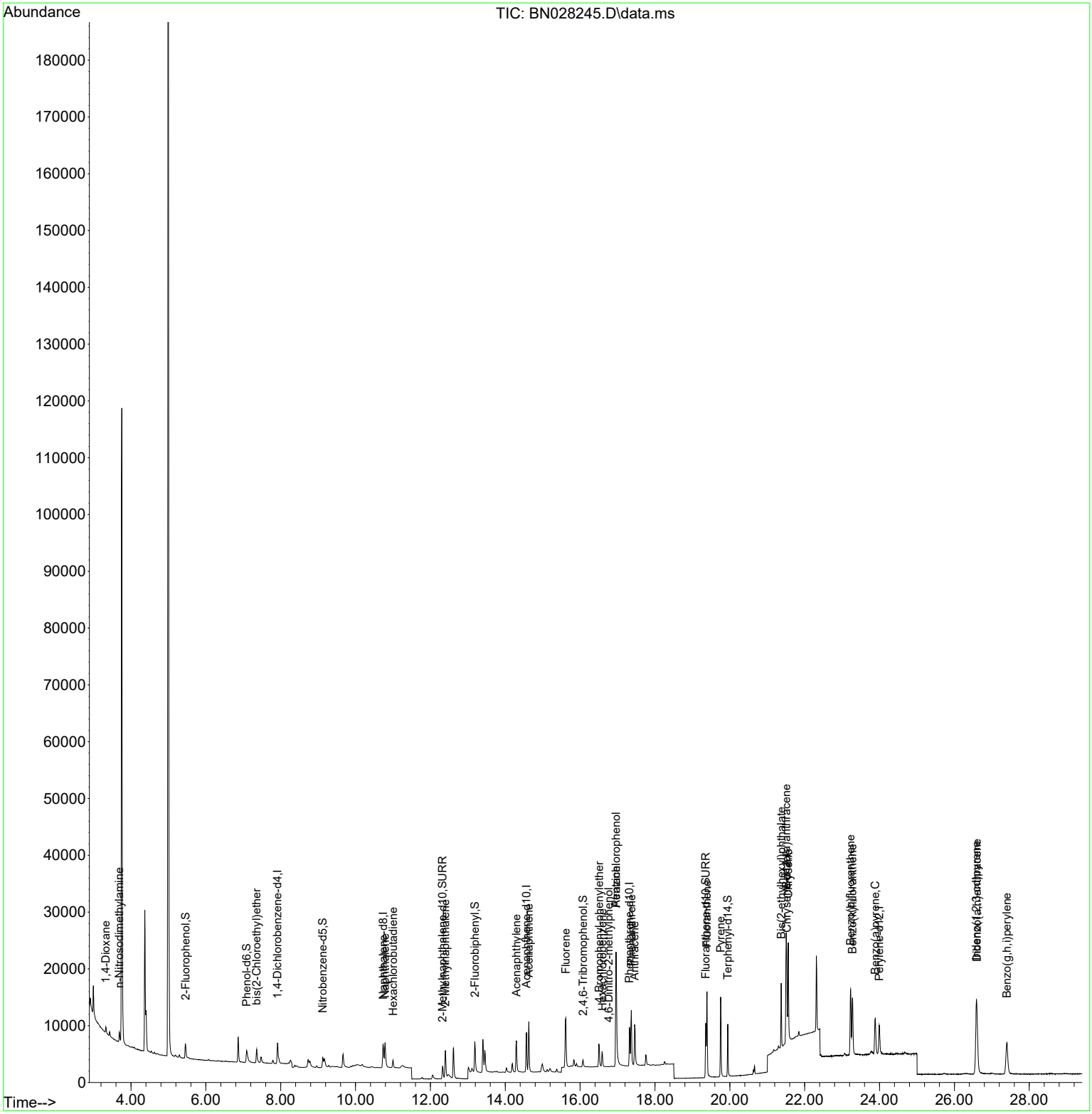
(#) = qualifier out of range (m) = manual integration (+) = signals summed

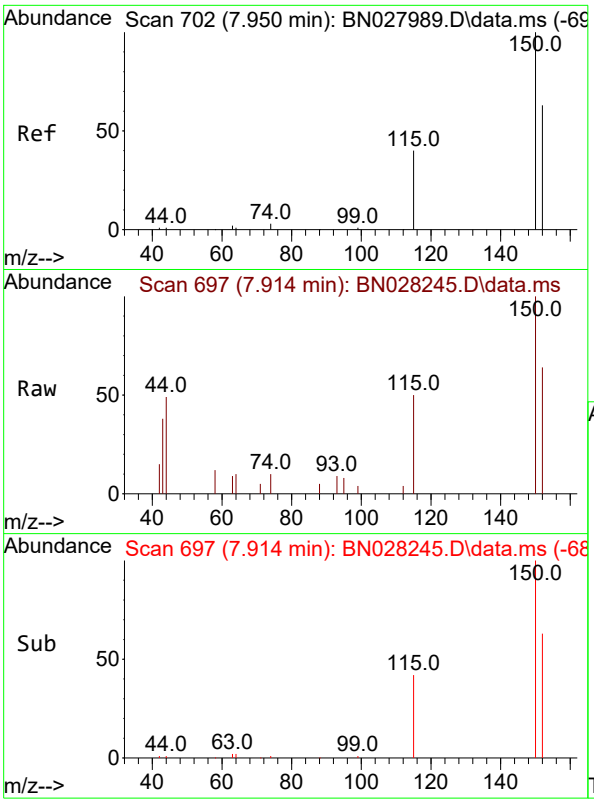
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101123\
Data File : BN028245.D
Acq On : 11 Oct 2023 22:39
Operator : MA/JU
Sample : PB156272BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB156272BS

Quant Time: Oct 12 04:07:07 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



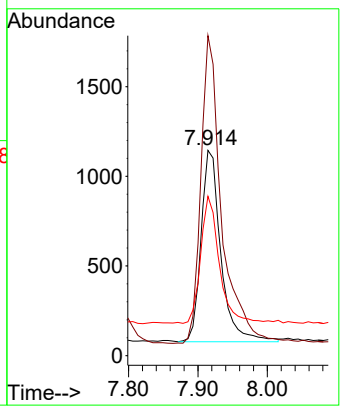


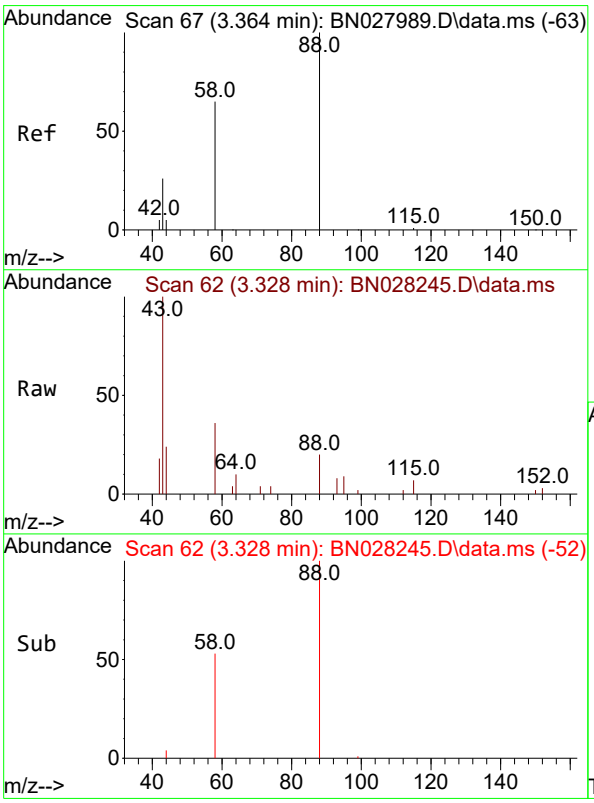
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.914 min Scan# 6
Delta R.T. -0.008 min
Lab File: BN028245.D
Acq: 11 Oct 2023 22:39

Instrument :
BNA_N
ClientSampleId :
PB156272BS

Tgt Ion:152 Resp: 2121

Ion	Ratio	Lower	Upper
152	100		
150	155.9	125.6	188.4
115	77.6	54.8	82.2

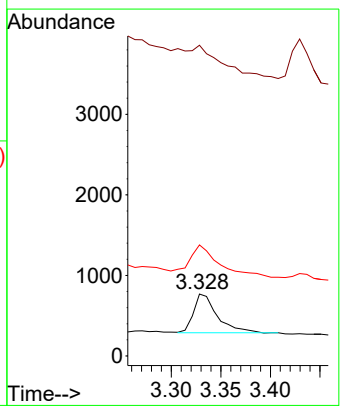


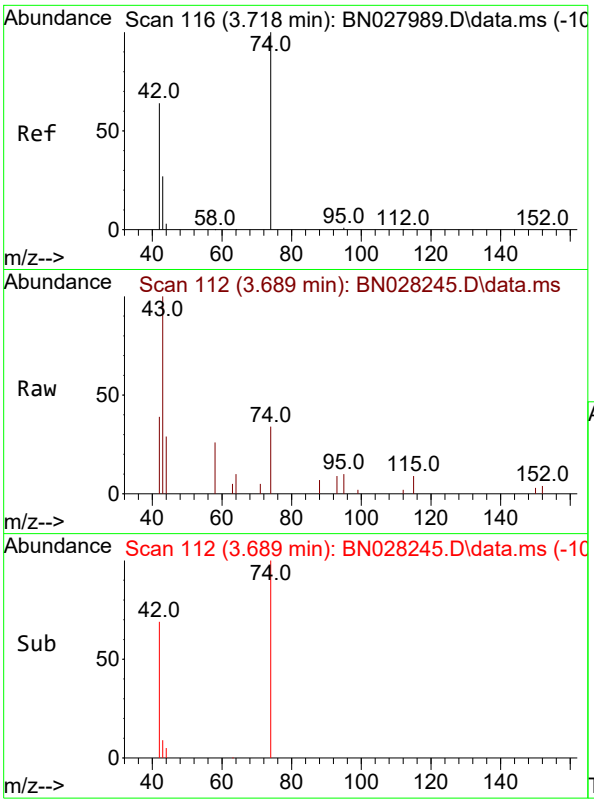


#2
1,4-Dioxane
Concen: 0.335 ng
RT: 3.328 min Scan# 62
Delta R.T. -0.029 min
Lab File: BN028245.D
Acq: 11 Oct 2023 22:39

Tgt Ion: 88 Resp: 797

Ion	Ratio	Lower	Upper
88	100		
43	0.0	24.6	36.8#
58	106.5	53.8	80.6#



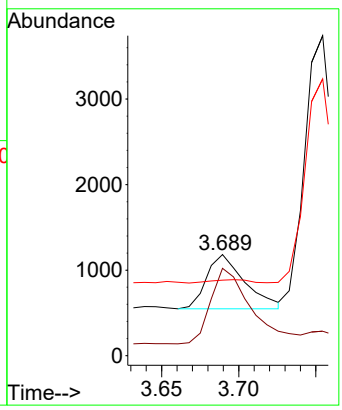


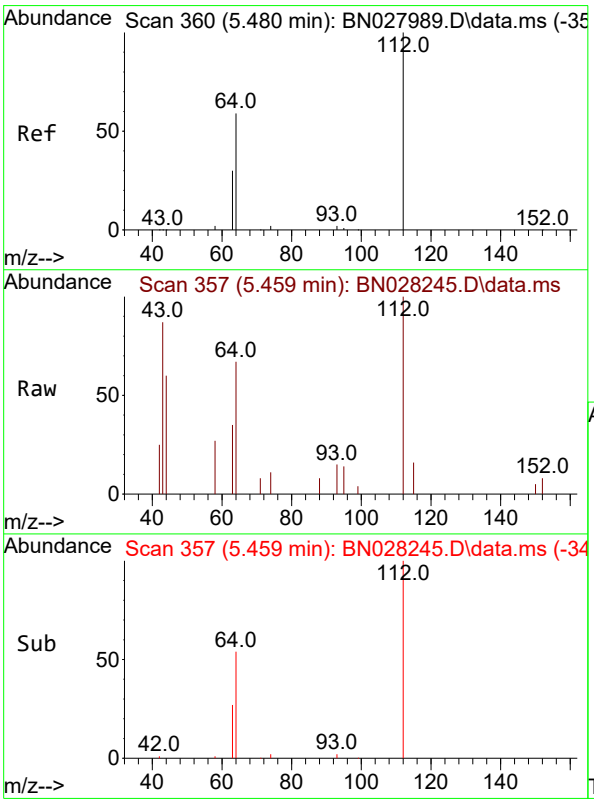
#3
n-Nitrosodimethylamine
Concen: 0.403 ng
RT: 3.689 min Scan# 11
Delta R.T. -0.022 min
Lab File: BN028245.D
Acq: 11 Oct 2023 22:39

Instrument :
BNA_N
ClientSampleId :
PB156272BS

Tgt Ion: 42 Resp: 1098

Ion	Ratio	Lower	Upper
42	100		
74	148.9	115.9	173.9
44	0.0	8.0	12.0#

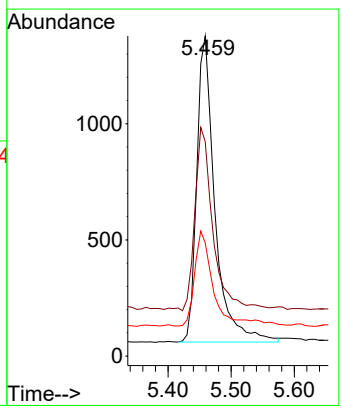


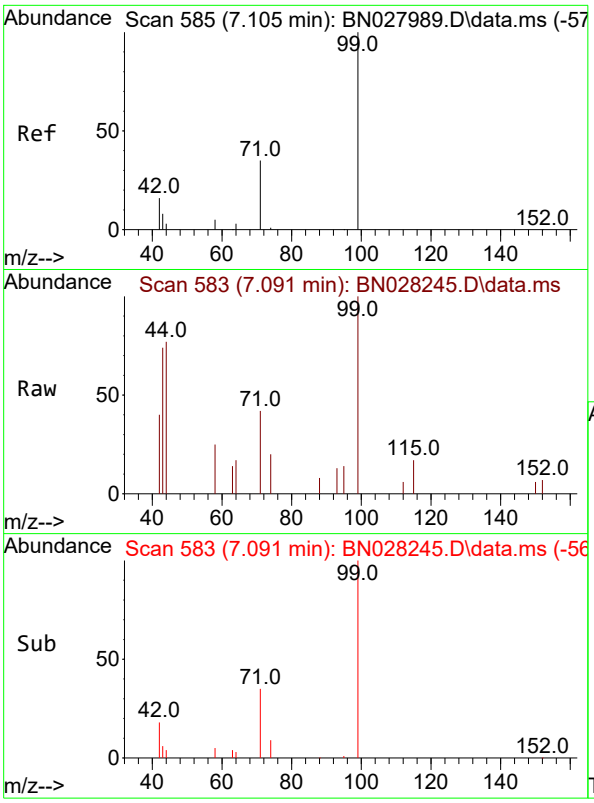


#4
2-Fluorophenol
Concen: 0.416 ng
RT: 5.459 min Scan# 357
Delta R.T. -0.007 min
Lab File: BN028245.D
Acq: 11 Oct 2023 22:39

Tgt Ion:112 Resp: 2632

Ion	Ratio	Lower	Upper
112	100		
64	57.0	45.0	67.6
63	32.5	23.4	35.0



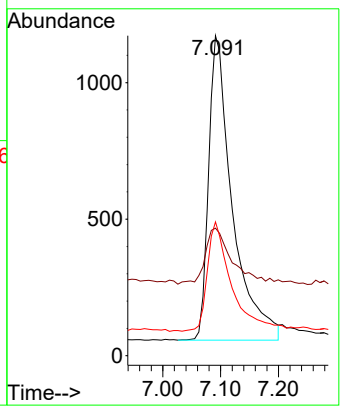


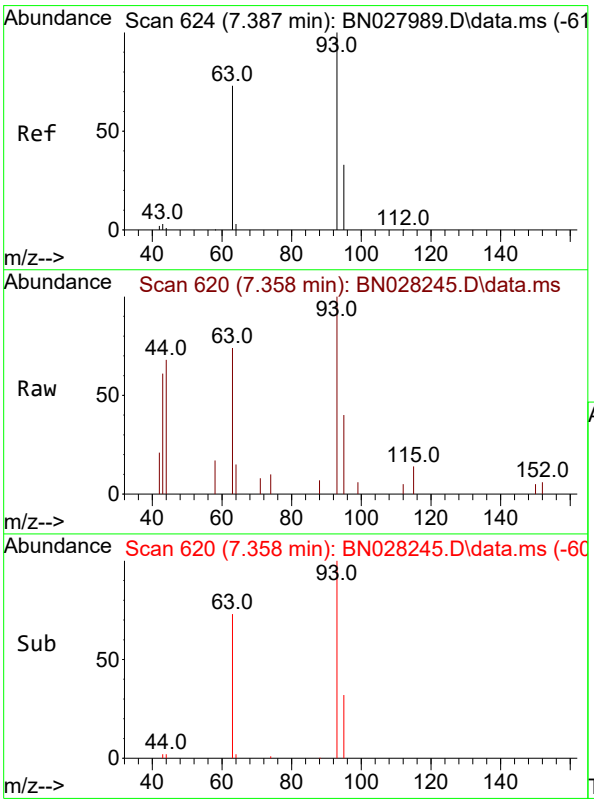
#5
Phenol-d6
Concen: 0.399 ng
RT: 7.091 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN028245.D
Acq: 11 Oct 2023 22:39

Instrument :
BNA_N
ClientSampleId :
PB156272BS

Tgt Ion: 99 Resp: 3182

Ion	Ratio	Lower	Upper
99	100		
42	21.2	14.6	22.0
71	35.6	28.3	42.5

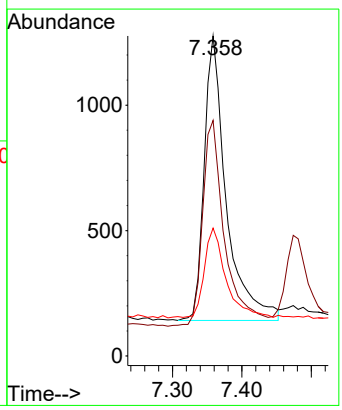


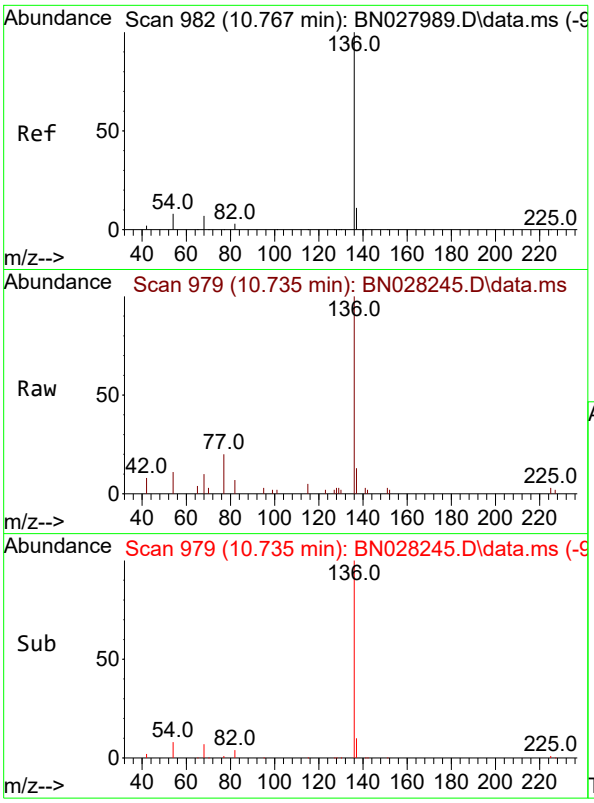


#6
bis(2-Chloroethyl)ether
Concen: 0.389 ng
RT: 7.358 min Scan# 620
Delta R.T. -0.007 min
Lab File: BN028245.D
Acq: 11 Oct 2023 22:39

Tgt Ion: 93 Resp: 2503

Ion	Ratio	Lower	Upper
93	100		
63	72.5	58.8	88.2
95	30.3	26.6	39.8



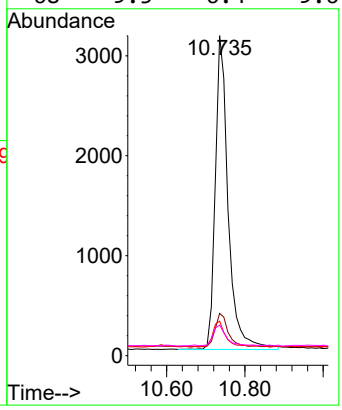


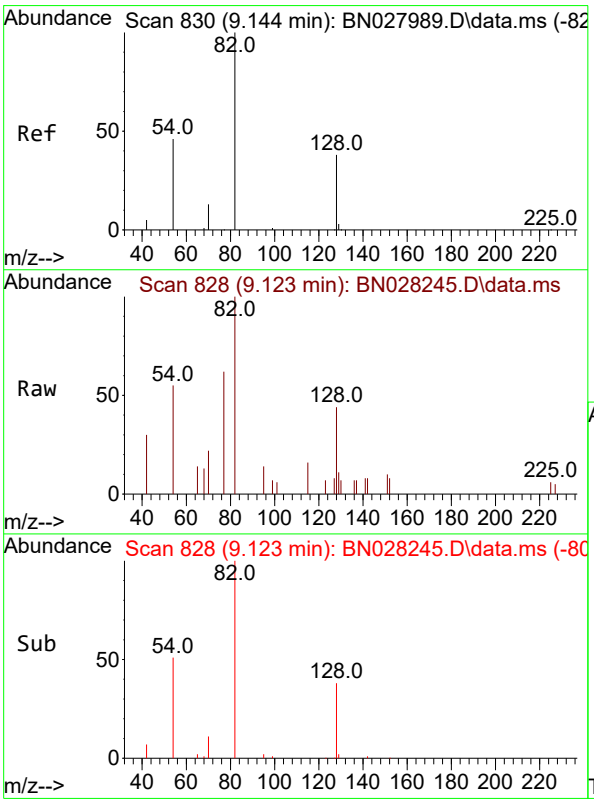
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.735 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN028245.D
Acq: 11 Oct 2023 22:39

Instrument :
BNA_N
ClientSampleId :
PB156272BS

Tgt Ion:136 Resp: 7162

Ion	Ratio	Lower	Upper
136	100		
137	13.2	9.4	14.0
54	10.8	7.0	10.6#
68	9.5	6.4	9.6

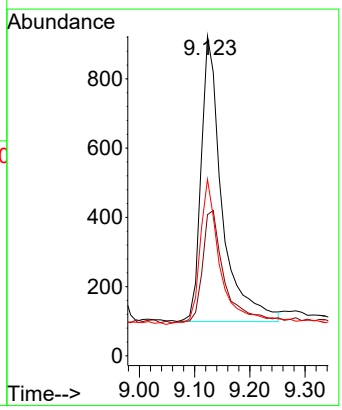


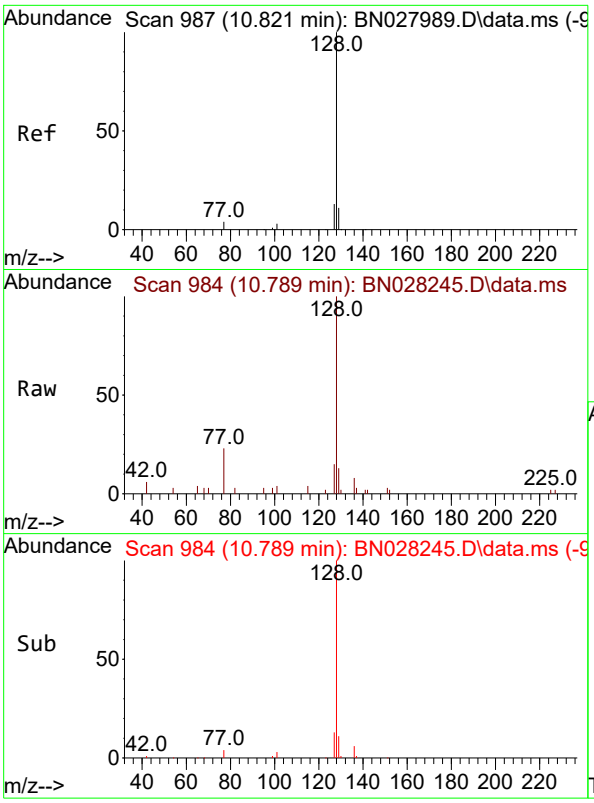


#8
Nitrobenzene-d5
Concen: 0.357 ng
RT: 9.123 min Scan# 828
Delta R.T. -0.000 min
Lab File: BN028245.D
Acq: 11 Oct 2023 22:39

Tgt Ion: 82 Resp: 2176

Ion	Ratio	Lower	Upper
82	100		
128	44.2	32.7	49.1
54	55.2	38.7	58.1



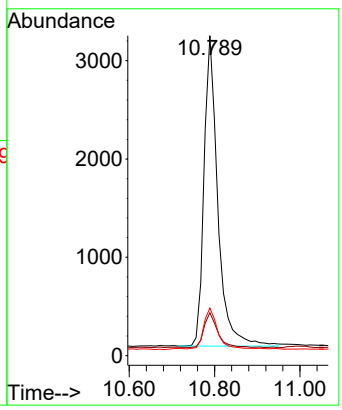


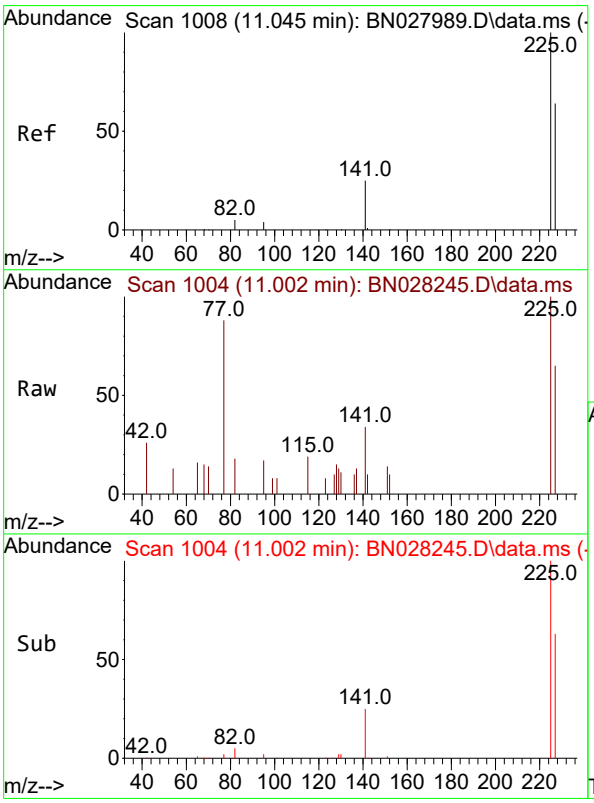
#9
Naphthalene
Concen: 0.383 ng
RT: 10.789 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN028245.D
Acq: 11 Oct 2023 22:39

Instrument :
BNA_N
ClientSampleId :
PB156272BS

Tgt Ion:128 Resp: 7088

Ion	Ratio	Lower	Upper
128	100		
129	13.4	9.4	14.2
127	14.9	10.9	16.3

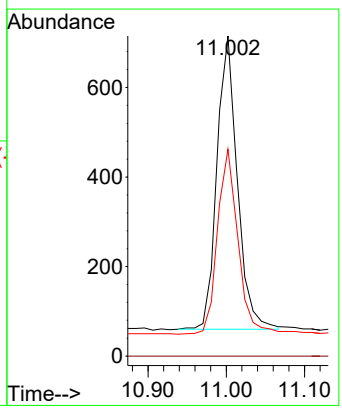


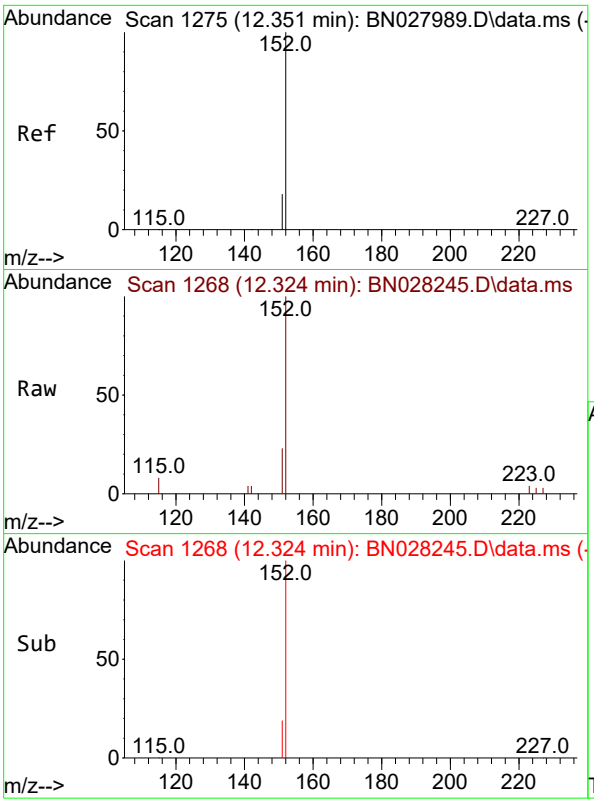


#10
Hexachlorobutadiene
Concen: 0.361 ng
RT: 11.002 min Scan# 1004
Delta R.T. -0.011 min
Lab File: BN028245.D
Acq: 11 Oct 2023 22:39

Tgt Ion:225 Resp: 1185

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.2	51.3	76.9



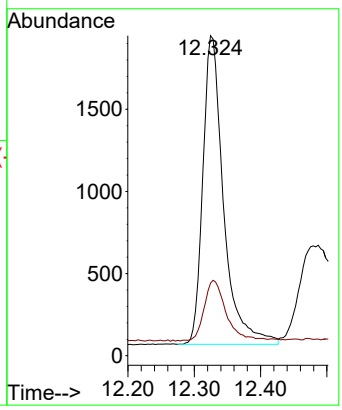


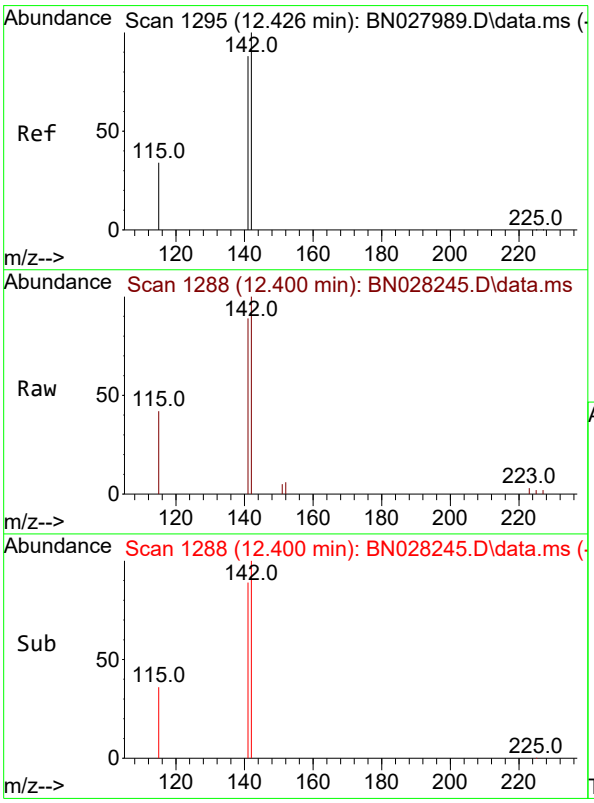
#11
2-Methylnaphthalene-d10
Concen: 0.384 ng
RT: 12.324 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028245.D
Acq: 11 Oct 2023 22:39

Instrument :
BNA_N
ClientSampleId :
PB156272BS

Tgt Ion:152 Resp: 4079

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.5	24.7

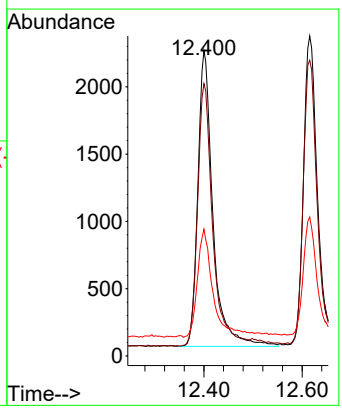


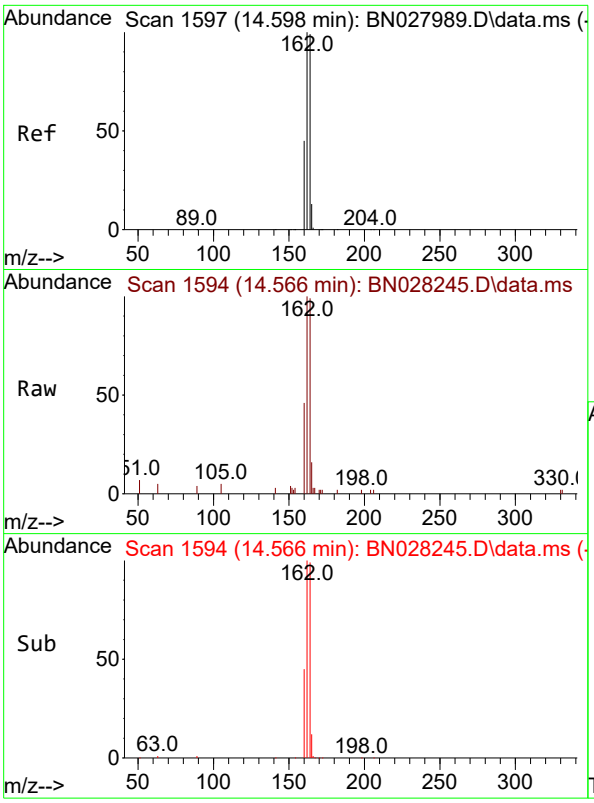


#12
2-Methylnaphthalene
Concen: 0.362 ng
RT: 12.400 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BN028245.D
Acq: 11 Oct 2023 22:39

Tgt Ion:142 Resp: 4680

Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.7	106.1
115	41.5	28.6	42.8



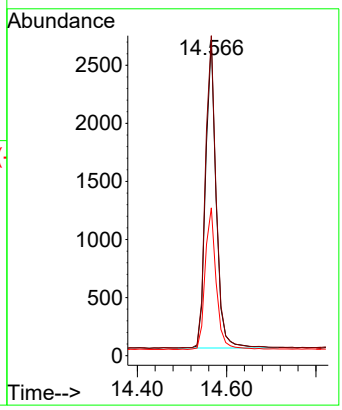


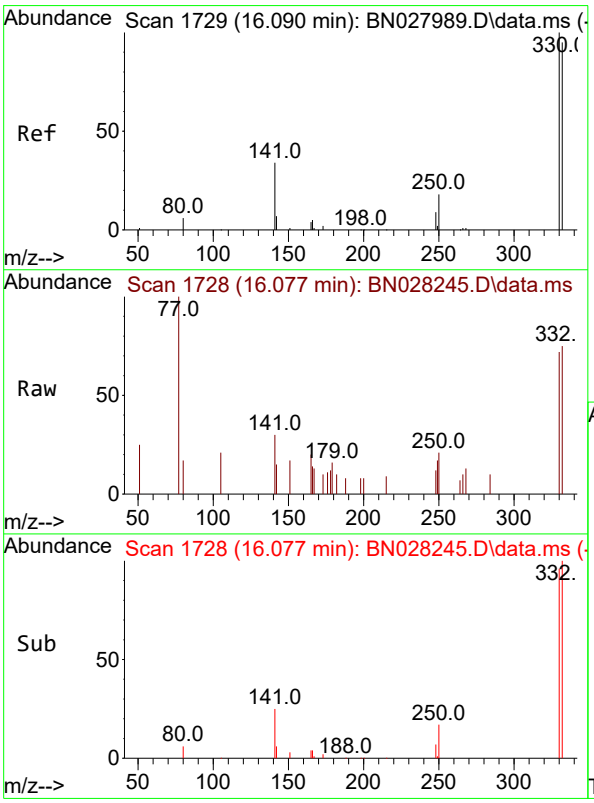
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.566 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN028245.D
Acq: 11 Oct 2023 22:39

Instrument :
BNA_N
ClientSampleId :
PB156272BS

Tgt Ion:164 Resp: 4313

Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.8	121.2
160	46.9	36.4	54.6

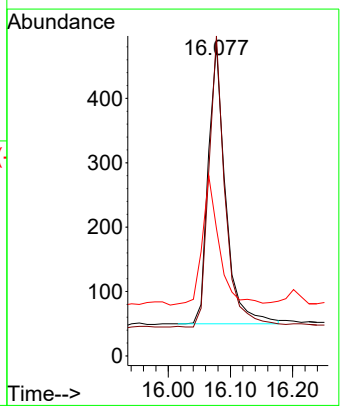


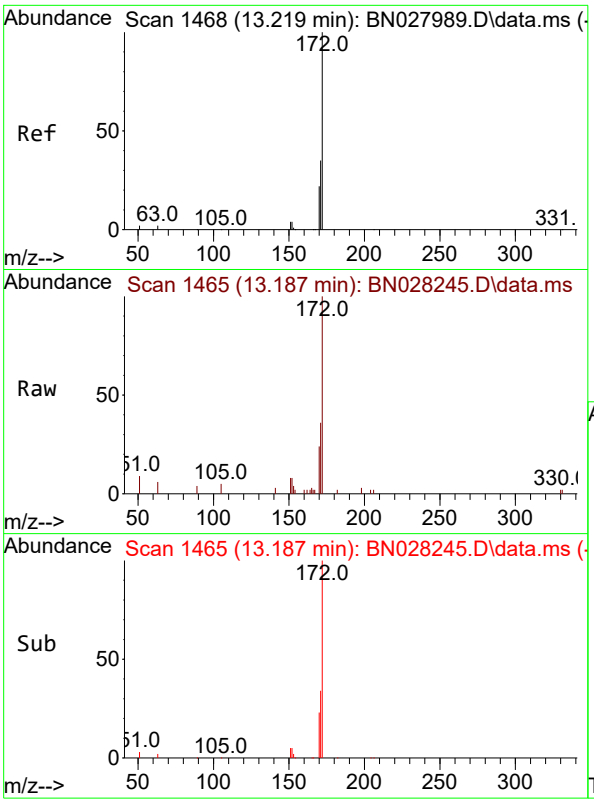


#14
2,4,6-Tribromophenol
Concen: 0.424 ng
RT: 16.077 min Scan# 1728
Delta R.T. 0.000 min
Lab File: BN028245.D
Acq: 11 Oct 2023 22:39

Tgt Ion:330 Resp: 837

Ion	Ratio	Lower	Upper
330	100		
332	98.4	78.1	117.1
141	45.5	33.4	50.2



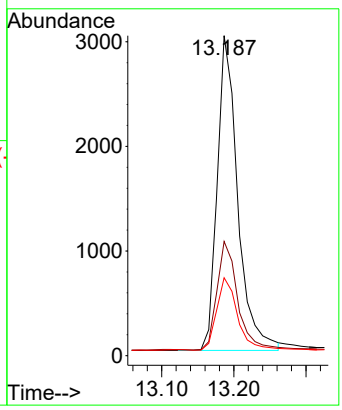


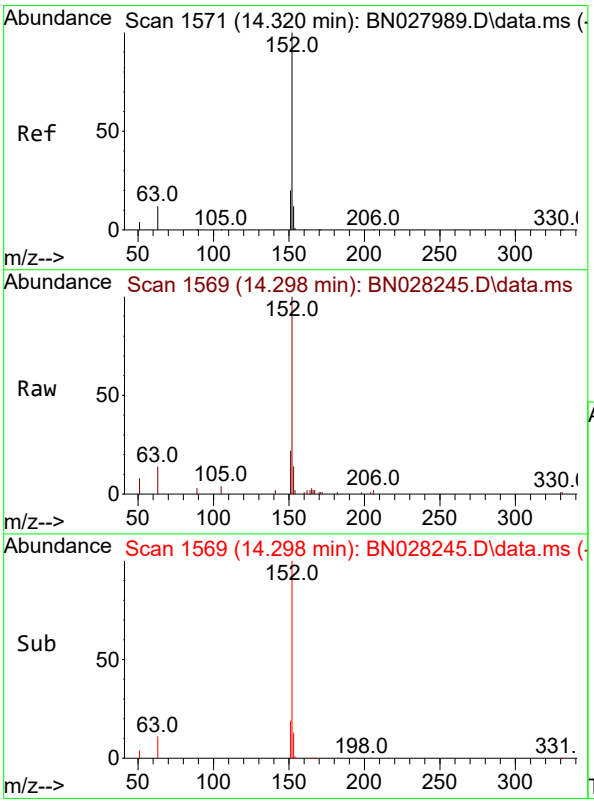
#15
2-Fluorobiphenyl
Concen: 0.381 ng
RT: 13.187 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN028245.D
Acq: 11 Oct 2023 22:39

Instrument :
BNA_N
ClientSampleId :
PB156272BS

Tgt Ion:172 Resp: 5924

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.1	42.1
170	24.3	18.4	27.6

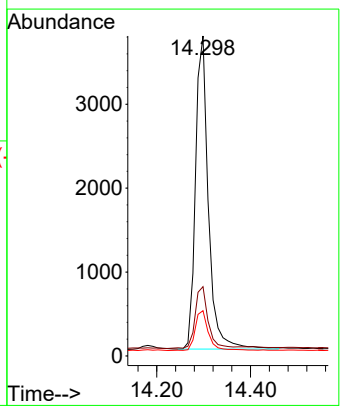


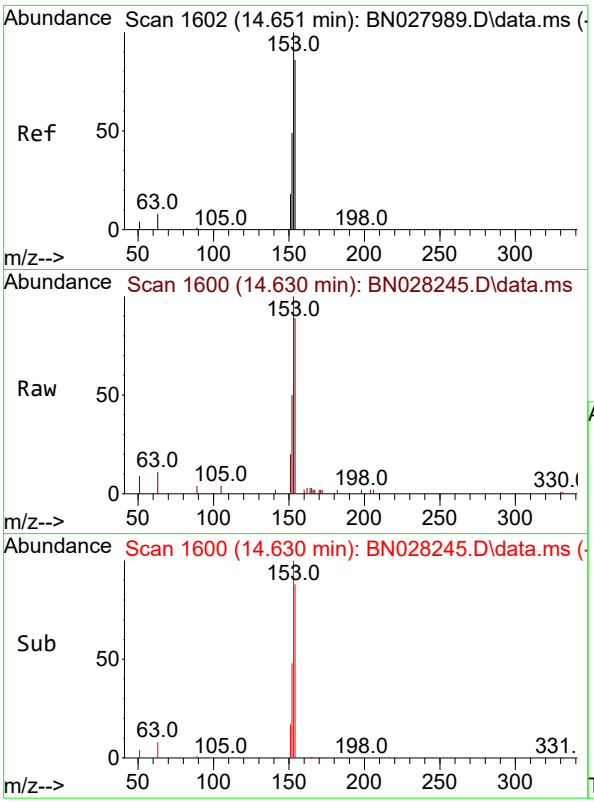


#16
Acenaphthylene
Concen: 0.373 ng
RT: 14.298 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BN028245.D
Acq: 11 Oct 2023 22:39

Tgt Ion:152 Resp: 7125

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.6
153	13.2	10.2	15.4



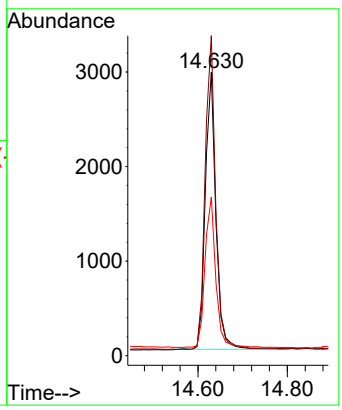


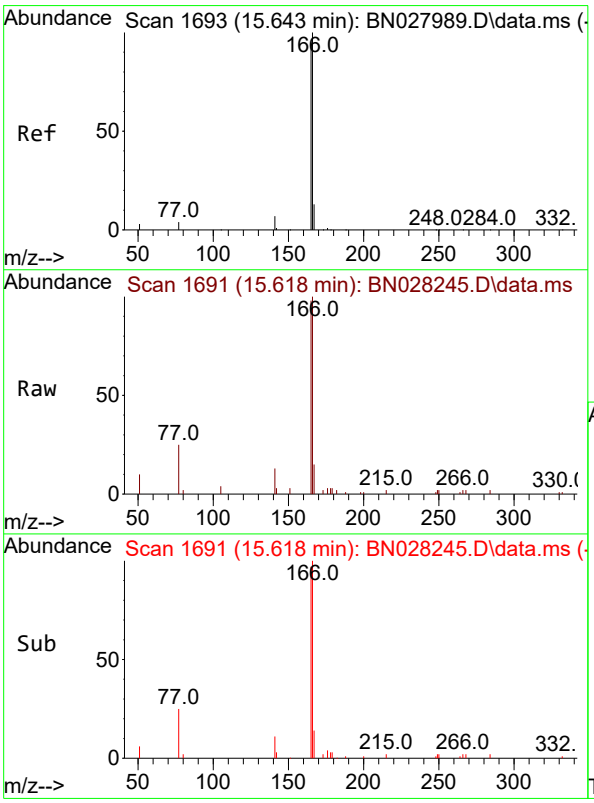
#17
Acenaphthene
Concen: 0.389 ng
RT: 14.630 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN028245.D
Acq: 11 Oct 2023 22:39

Instrument :
BNA_N
ClientSampleId :
PB156272BS

Tgt Ion:154 Resp: 4734

Ion	Ratio	Lower	Upper
154	100		
153	115.2	90.8	136.2
152	56.0	43.9	65.9

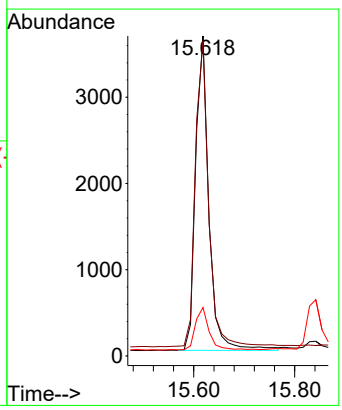


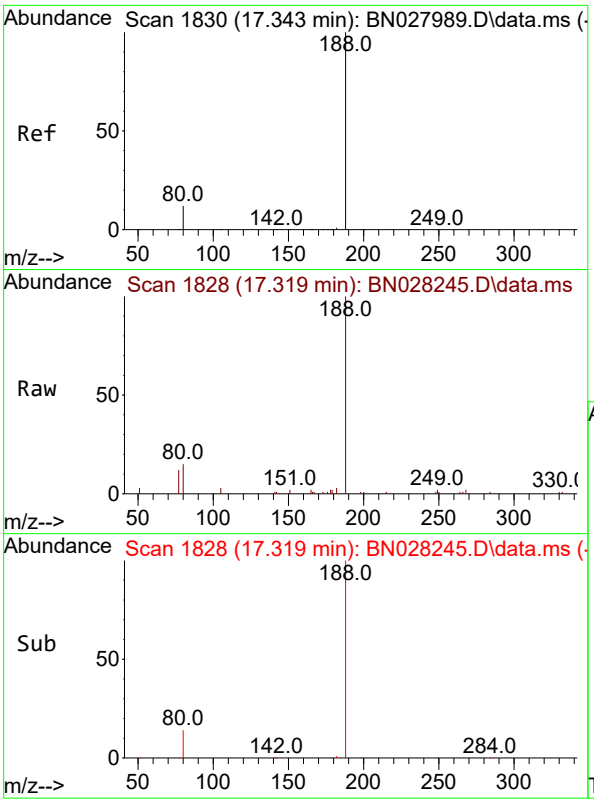


#18
Fluorene
Concen: 0.421 ng
RT: 15.618 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BN028245.D
Acq: 11 Oct 2023 22:39

Tgt Ion:166 Resp: 6656

Ion	Ratio	Lower	Upper
166	100		
165	98.2	77.8	116.8
167	14.3	10.7	16.1



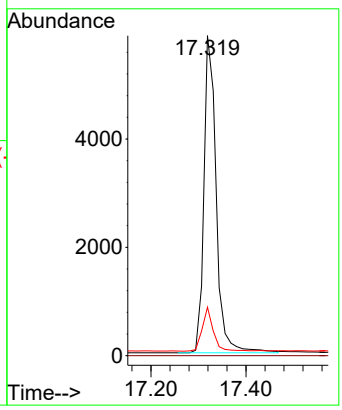


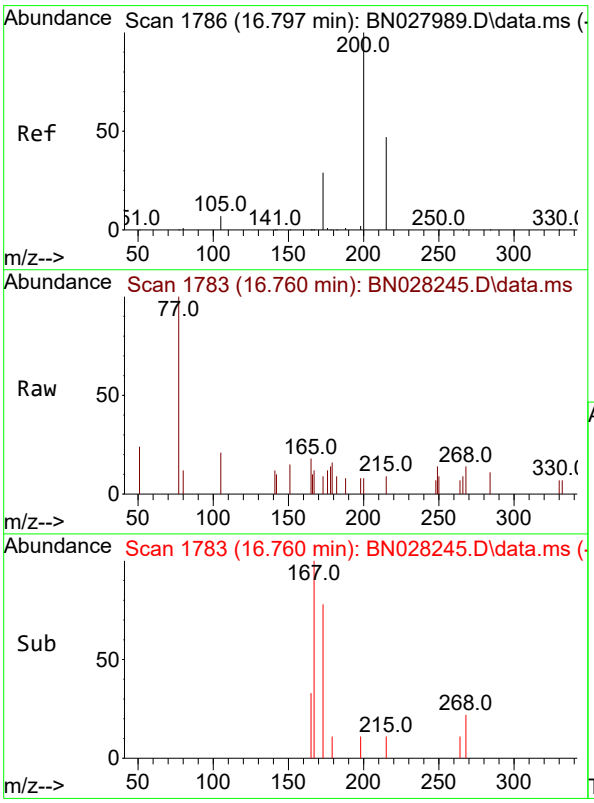
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.319 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN028245.D
Acq: 11 Oct 2023 22:39

Instrument :
BNA_N
ClientSampleId :
PB156272BS

Tgt Ion:188 Resp: 10565

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.2	10.2	15.4

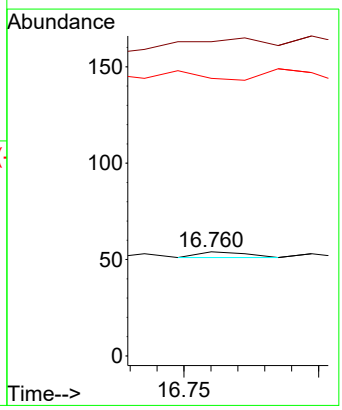


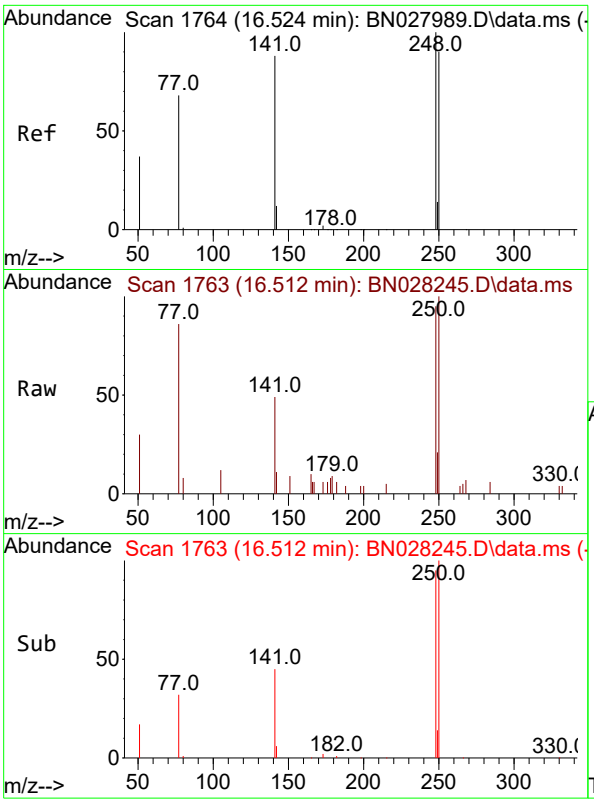


#20
4,6-Dinitro-2-methylphenol
Concen: 0.028 ng
RT: 16.760 min Scan# 1783
Delta R.T. -0.025 min
Lab File: BN028245.D
Acq: 11 Oct 2023 22:39

Tgt Ion:198 Resp: 4

Ion	Ratio	Lower	Upper
198	100		
51	301.9	180.7	271.1#
105	266.7	222.2	333.2



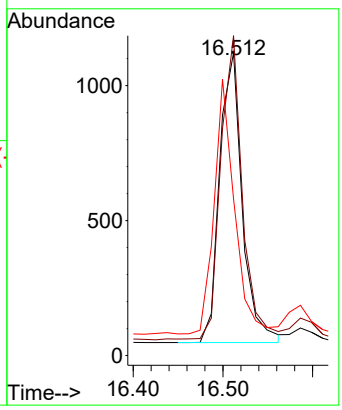


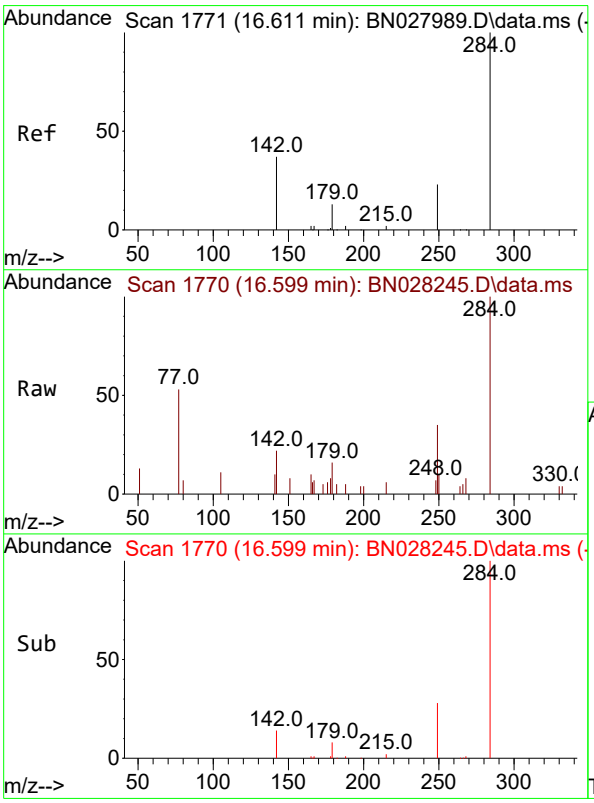
#21
4-Bromophenyl-phenylether
Concen: 0.343 ng
RT: 16.512 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN028245.D
Acq: 11 Oct 2023 22:39

Instrument :
BNA_N
ClientSampleId :
PB156272BS

Tgt Ion:248 Resp: 1887

Ion	Ratio	Lower	Upper
248	100		
250	105.6	72.3	108.5
141	51.7	71.8	107.6#

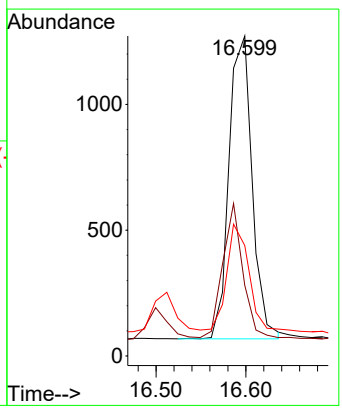


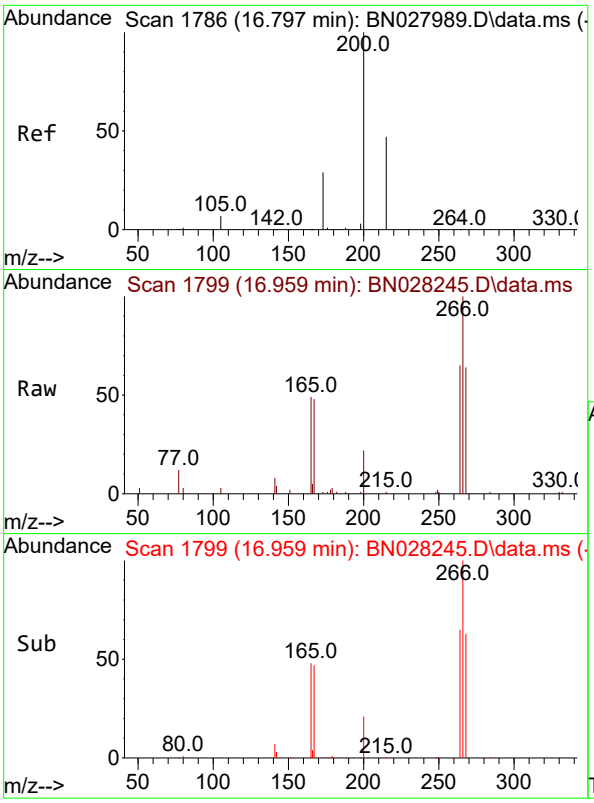


#22
Hexachlorobenzene
Concen: 0.373 ng
RT: 16.599 min Scan# 1770
Delta R.T. 0.012 min
Lab File: BN028245.D
Acq: 11 Oct 2023 22:39

Tgt Ion:284 Resp: 2157

Ion	Ratio	Lower	Upper
284	100		
142	37.9	29.9	44.9
249	32.6	25.0	37.4



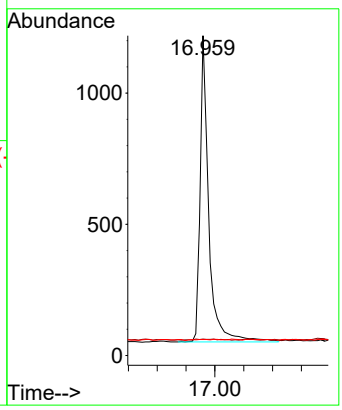


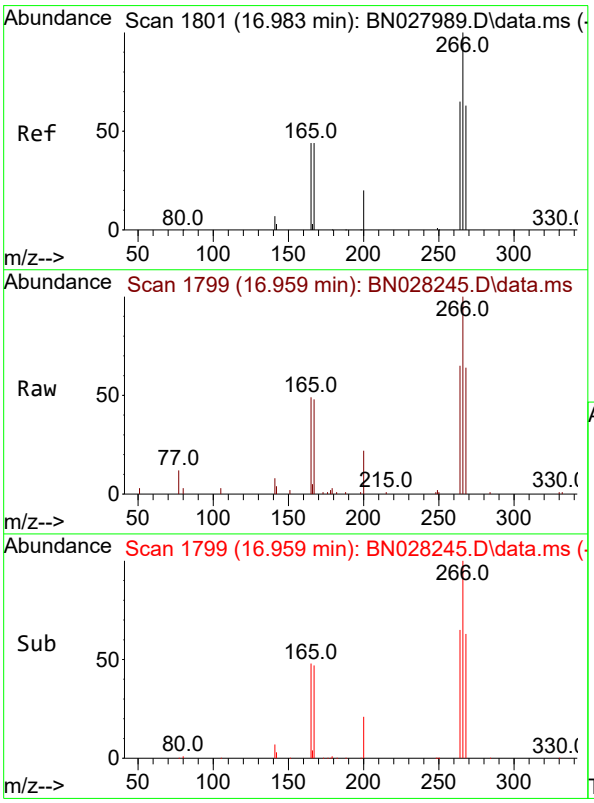
#23
Atrazine
Concen: 0.506 ng
RT: 16.959 min Scan# 1
Delta R.T. 0.174 min
Lab File: BN028245.D
Acq: 11 Oct 2023 22:39

Instrument :
BNA_N
ClientSampleId :
PB156272BS

Tgt Ion:200 Resp: 2432

Ion	Ratio	Lower	Upper
200	100		
173	5.2	24.7	37.1#
215	5.0	39.0	58.6#

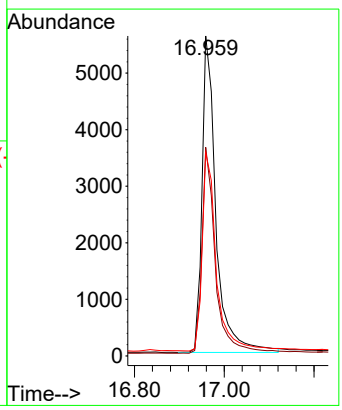


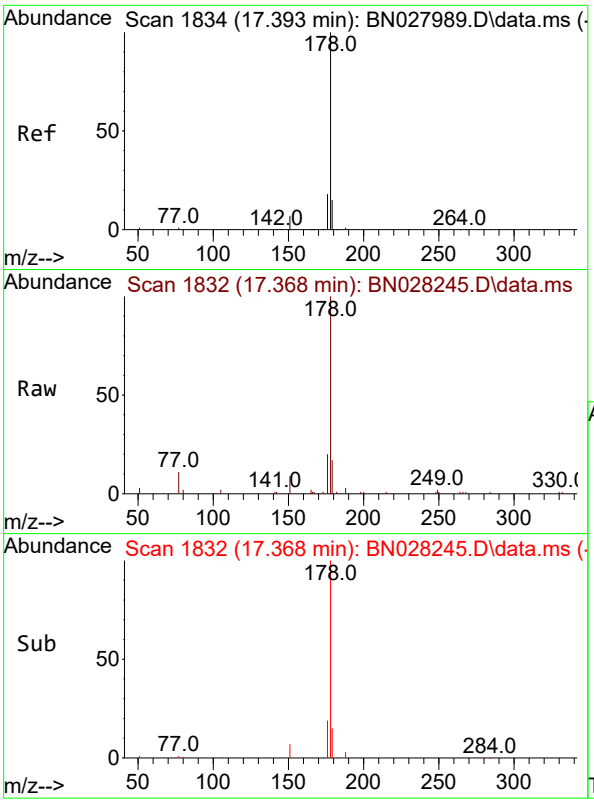


#24
Pentachlorophenol
Concen: 4.421 ng
RT: 16.959 min Scan# 1799
Delta R.T. -0.012 min
Lab File: BN028245.D
Acq: 11 Oct 2023 22:39

Tgt Ion:266 Resp: 12034

Ion	Ratio	Lower	Upper
266	100		
264	62.9	52.7	79.1
268	63.8	56.2	84.2



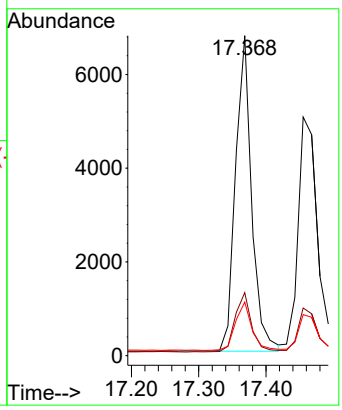


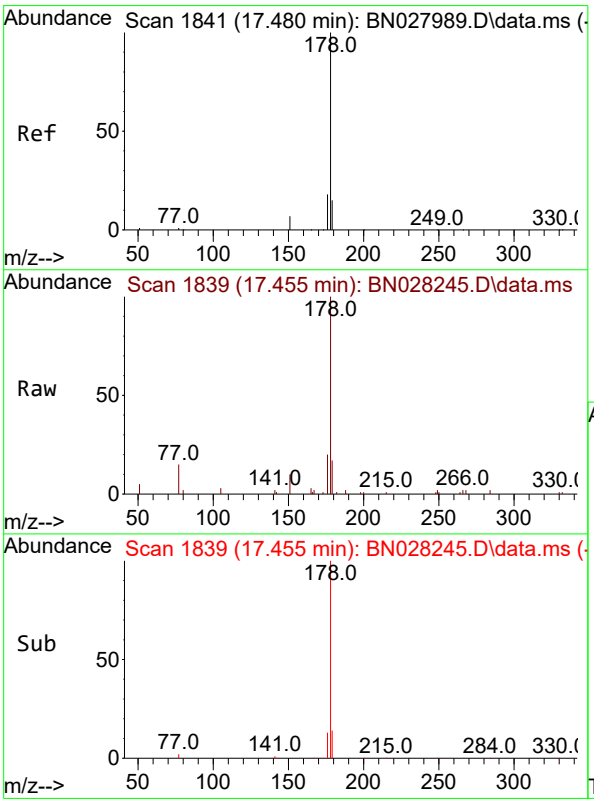
#25
Phenanthrene
Concen: 0.393 ng
RT: 17.368 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN028245.D
Acq: 11 Oct 2023 22:39

Instrument :
BNA_N
ClientSampleId :
PB156272BS

Tgt Ion:178 Resp: 11206

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.6	12.4	18.6

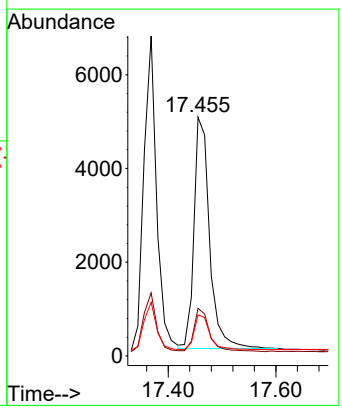


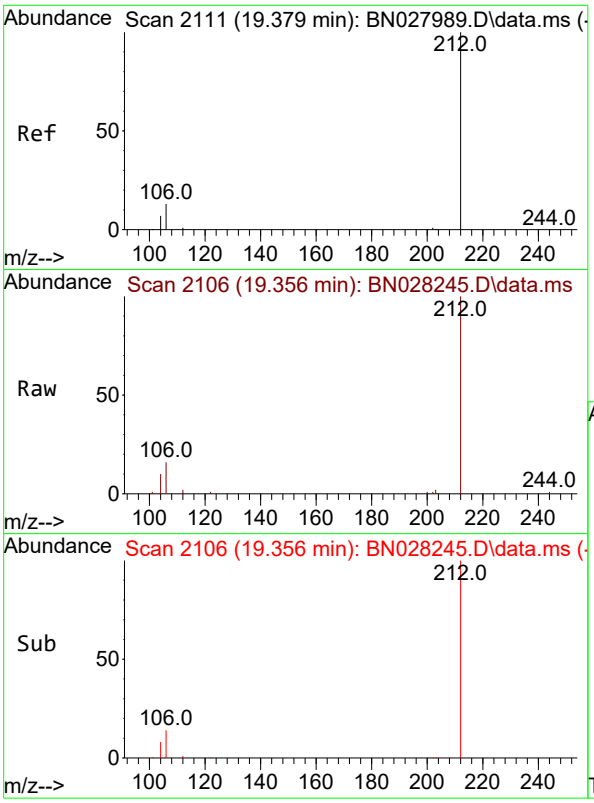


#26
Anthracene
Concen: 0.368 ng
RT: 17.455 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BN028245.D
Acq: 11 Oct 2023 22:39

Tgt Ion:178 Resp: 9916

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.7	22.1
179	15.0	12.2	18.2



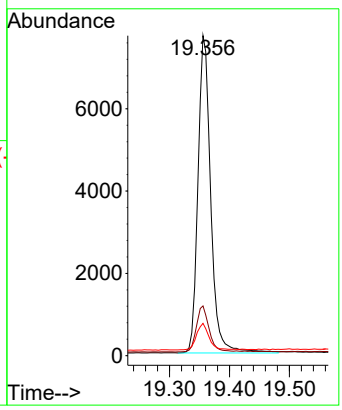


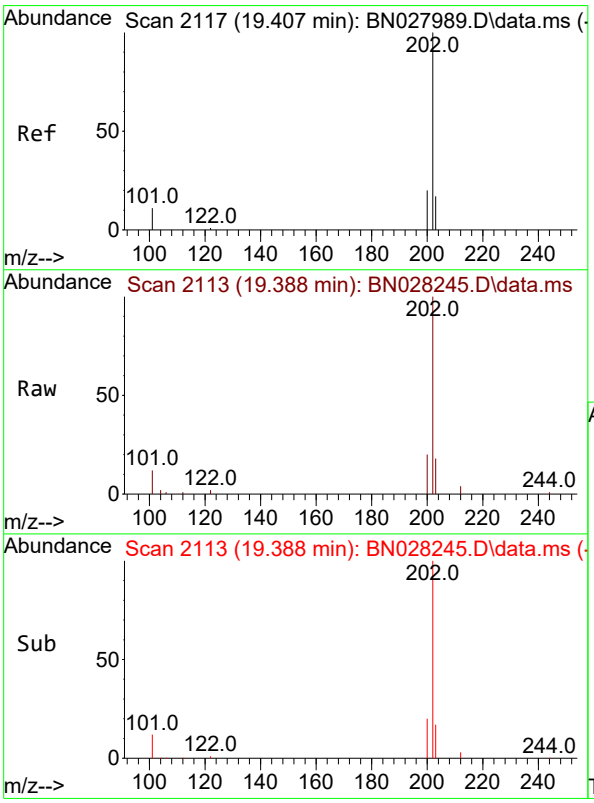
#27
Fluoranthene-d10
Concen: 0.431 ng
RT: 19.356 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN028245.D
Acq: 11 Oct 2023 22:39

Instrument :
BNA_N
ClientSampleId :
PB156272BS

Tgt Ion:212 Resp: 11426

Ion	Ratio	Lower	Upper
212	100		
106	14.6	11.3	16.9
104	8.3	6.4	9.6

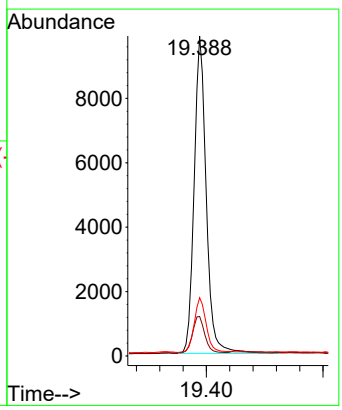


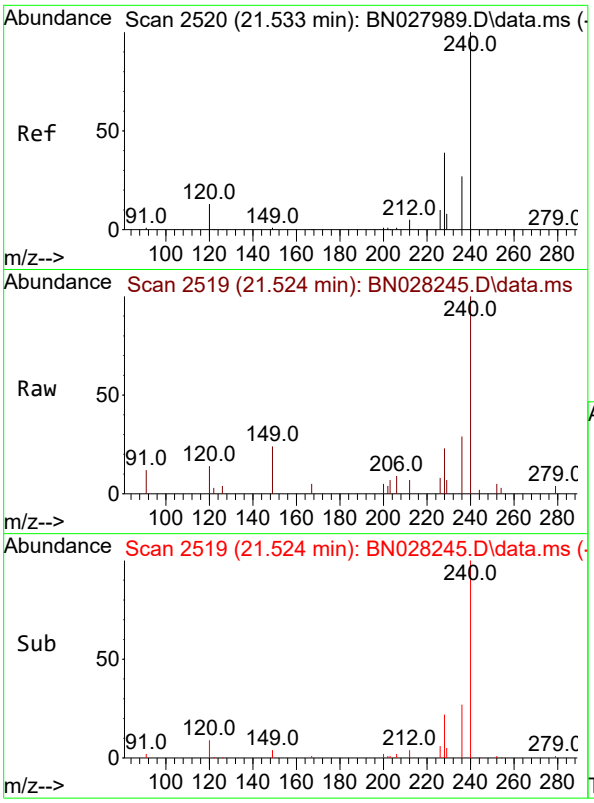


#28
Fluoranthene
Concen: 0.431 ng
RT: 19.388 min Scan# 2113
Delta R.T. 0.005 min
Lab File: BN028245.D
Acq: 11 Oct 2023 22:39

Tgt Ion:202 Resp: 14174

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.8	14.6
203	17.2	13.8	20.8



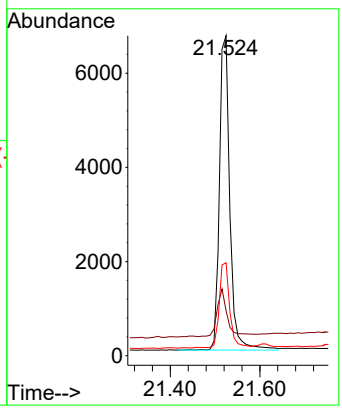


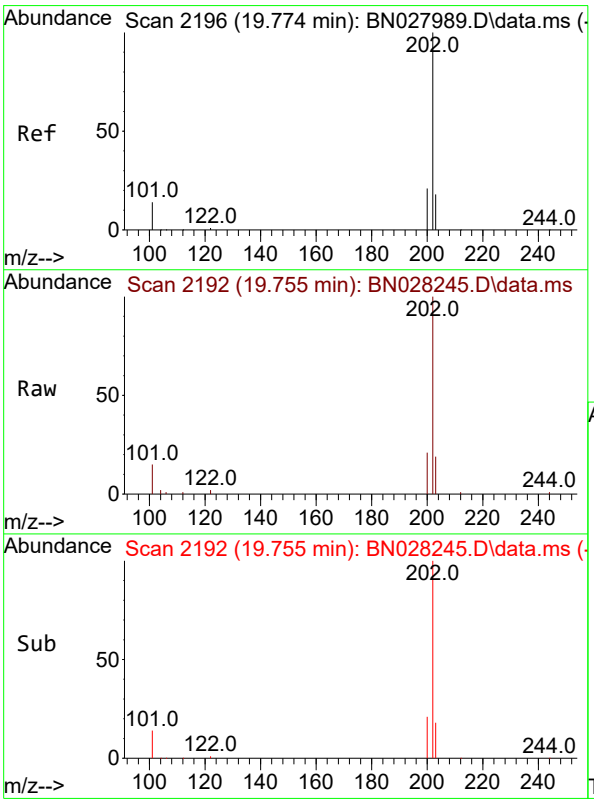
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.524 min Scan# 2
Delta R.T. 0.009 min
Lab File: BN028245.D
Acq: 11 Oct 2023 22:39

Instrument :
BNA_N
ClientSampleId :
PB156272BS

Tgt Ion:240 Resp: 10802

Ion	Ratio	Lower	Upper
240	100		
120	14.2	13.8	20.6
236	29.0	22.6	33.8

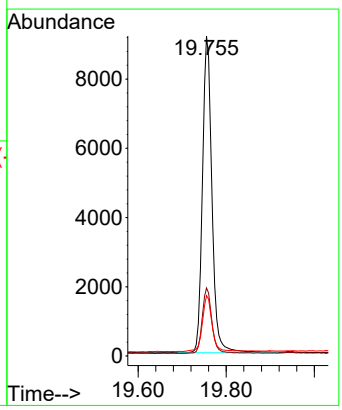


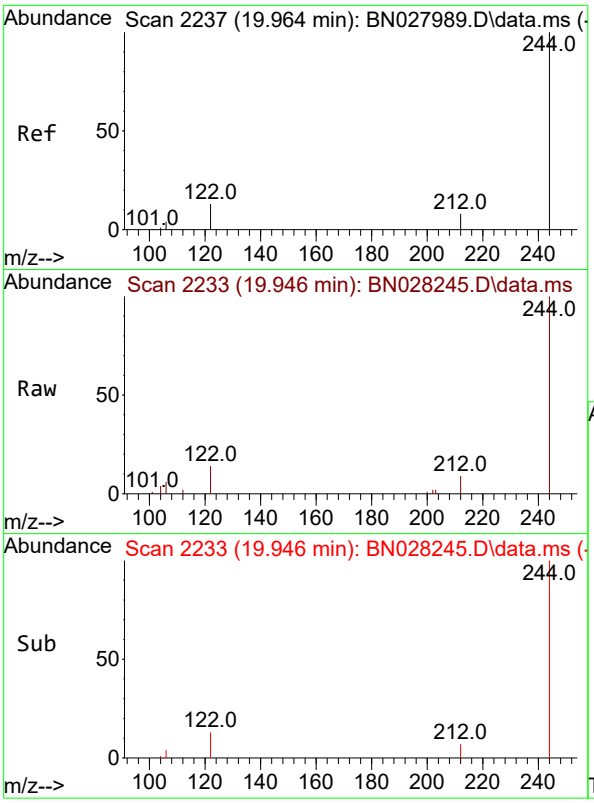


#30
Pyrene
Concen: 0.347 ng
RT: 19.755 min Scan# 2192
Delta R.T. 0.005 min
Lab File: BN028245.D
Acq: 11 Oct 2023 22:39

Tgt Ion:202 Resp: 13761

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.5	24.7
203	18.1	14.7	22.1



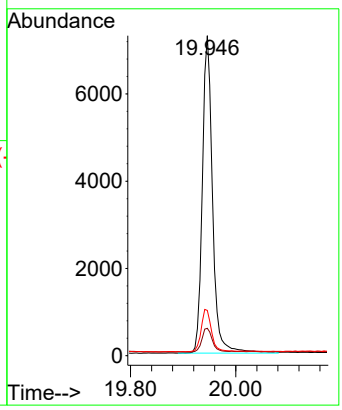


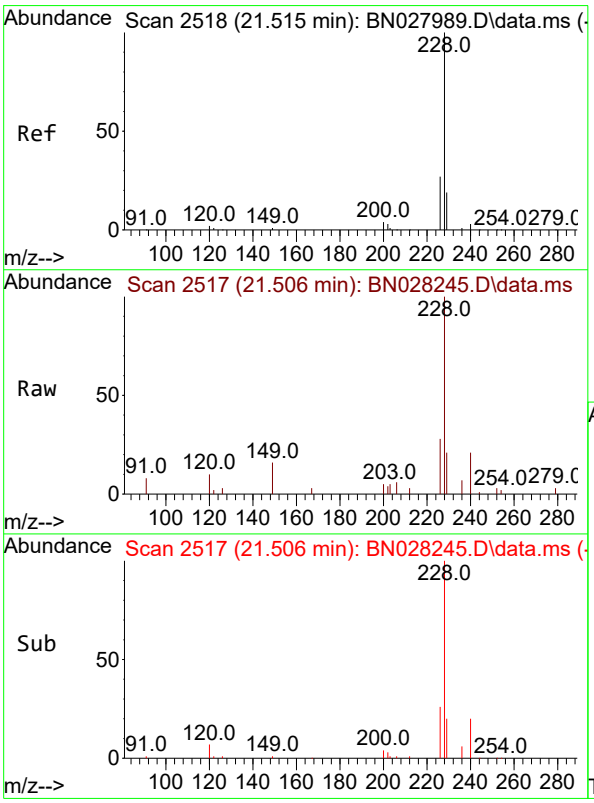
#31
Terphenyl-d14
Concen: 0.390 ng
RT: 19.946 min Scan# 2
Delta R.T. 0.005 min
Lab File: BN028245.D
Acq: 11 Oct 2023 22:39

Instrument :
BNA_N
ClientSampleId :
PB156272BS

Tgt Ion:244 Resp: 9823

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.6	9.8
122	14.2	11.4	17.0

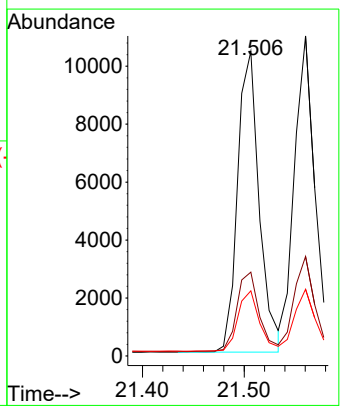


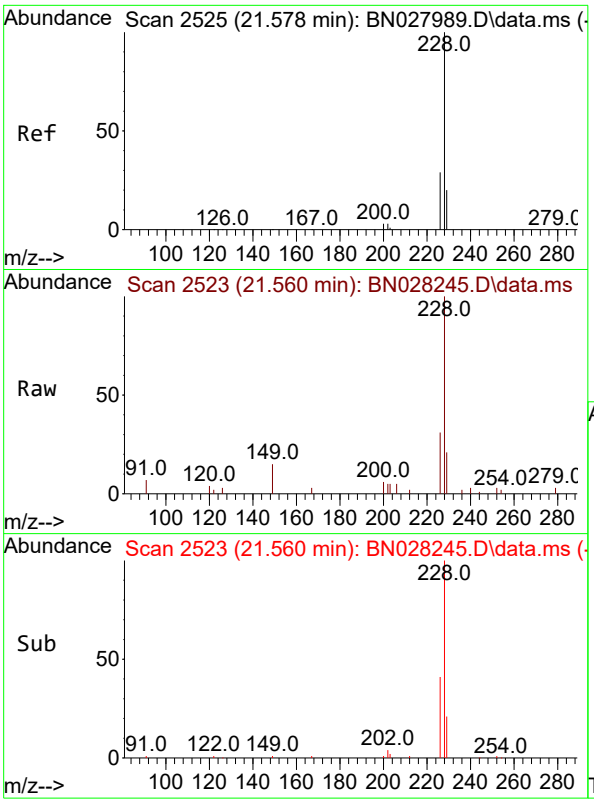


#32
Benzo(a)anthracene
Concen: 0.417 ng
RT: 21.506 min Scan# 2517
Delta R.T. 0.009 min
Lab File: BN028245.D
Acq: 11 Oct 2023 22:39

Tgt Ion:228 Resp: 15334

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.0	33.0
229	21.4	16.0	24.0



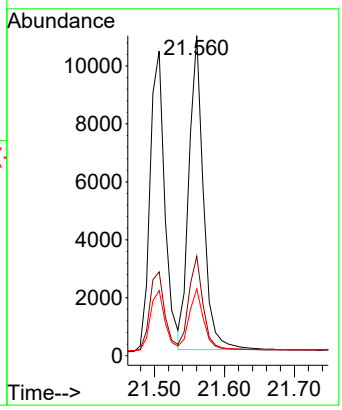


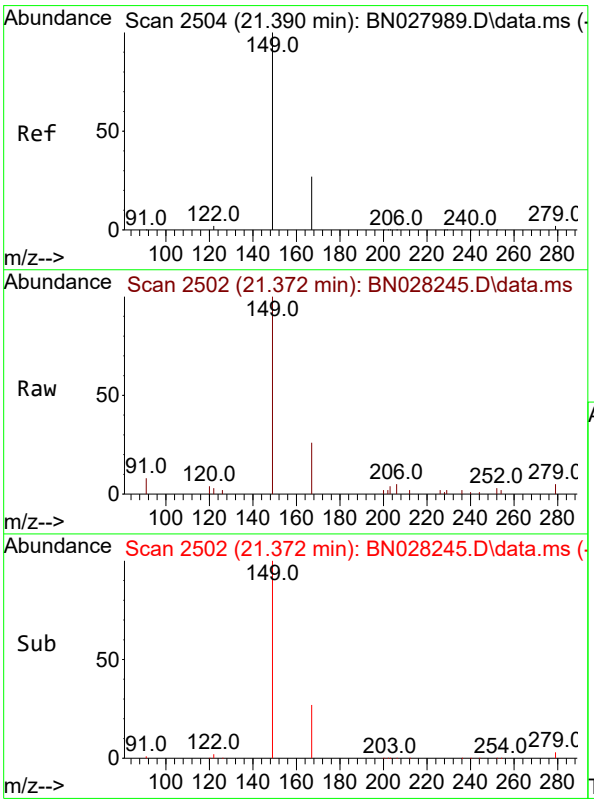
#33
Chrysene
Concen: 0.441 ng
RT: 21.560 min Scan# 2
Delta R.T. 0.009 min
Lab File: BN028245.D
Acq: 11 Oct 2023 22:39

Instrument :
BNA_N
ClientSampleId :
PB156272BS

Tgt Ion:228 Resp: 15604

Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.8	35.8
229	20.9	16.6	25.0

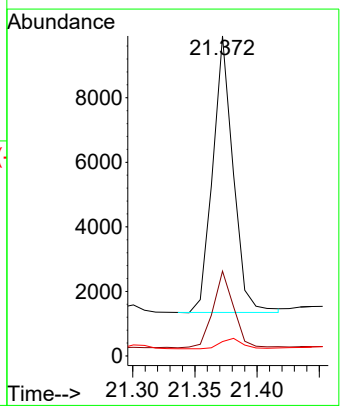


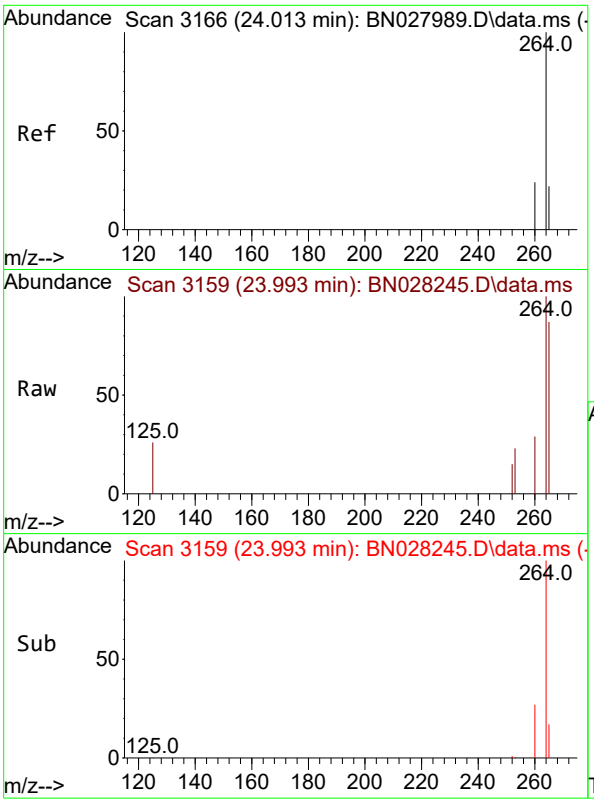


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.406 ng
RT: 21.372 min Scan# 2502
Delta R.T. 0.009 min
Lab File: BN028245.D
Acq: 11 Oct 2023 22:39

Tgt Ion:149 Resp: 9805

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.1	33.1
279	4.0	3.4	5.0



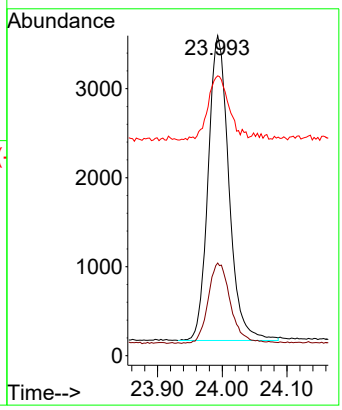


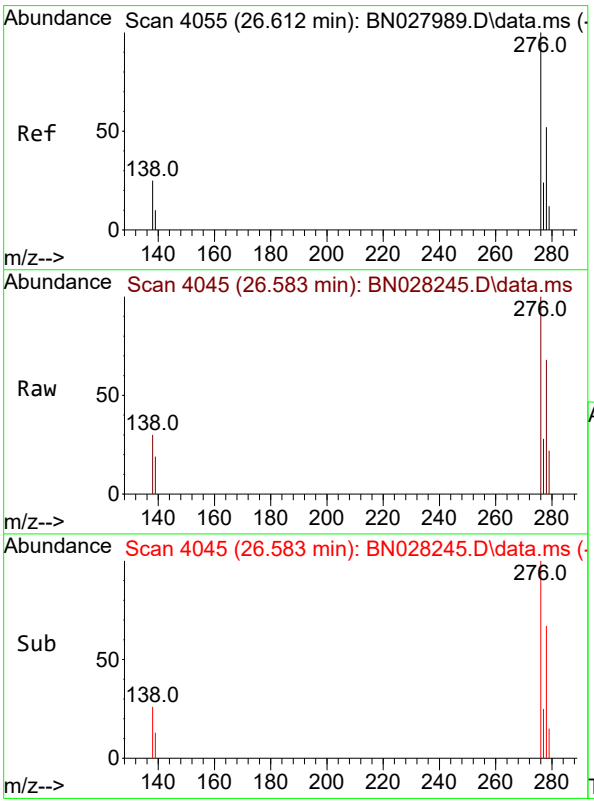
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.993 min Scan# 3
Delta R.T. 0.018 min
Lab File: BN028245.D
Acq: 11 Oct 2023 22:39

Instrument :
BNA_N
ClientSampleId :
PB156272BS

Tgt Ion:264 Resp: 7628

Ion	Ratio	Lower	Upper
264	100		
260	28.9	20.2	30.4
265	87.4	54.8	82.2#

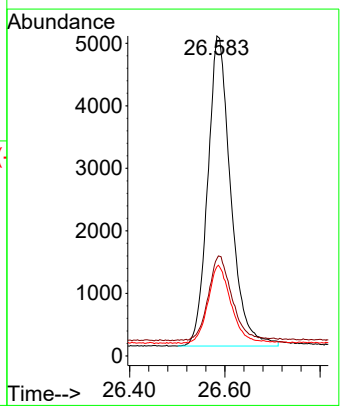


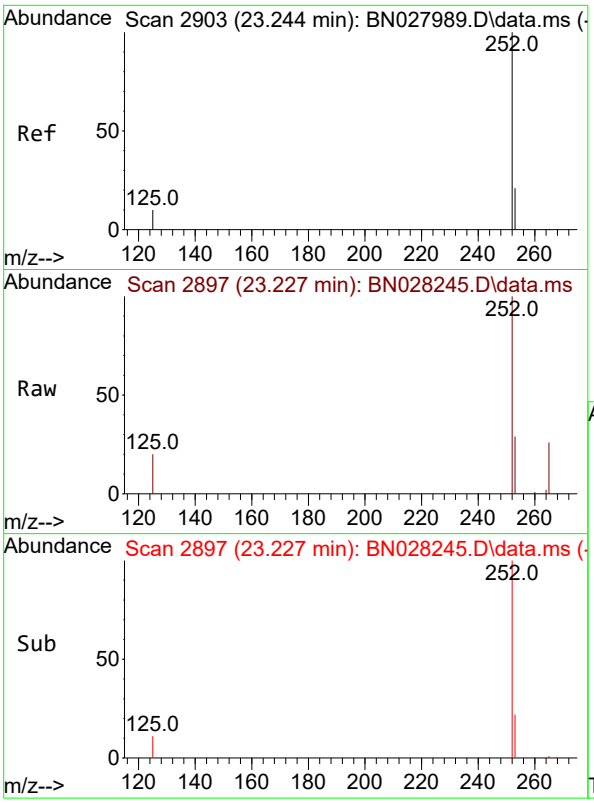


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.648 ng
RT: 26.583 min Scan# 4045
Delta R.T. 0.026 min
Lab File: BN028245.D
Acq: 11 Oct 2023 22:39

Tgt Ion:276 Resp: 16616

Ion	Ratio	Lower	Upper
276	100		
138	27.6	20.9	31.3
277	25.1	19.8	29.6



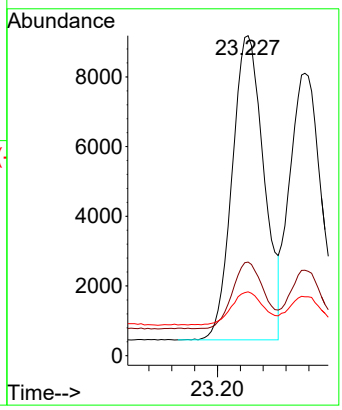


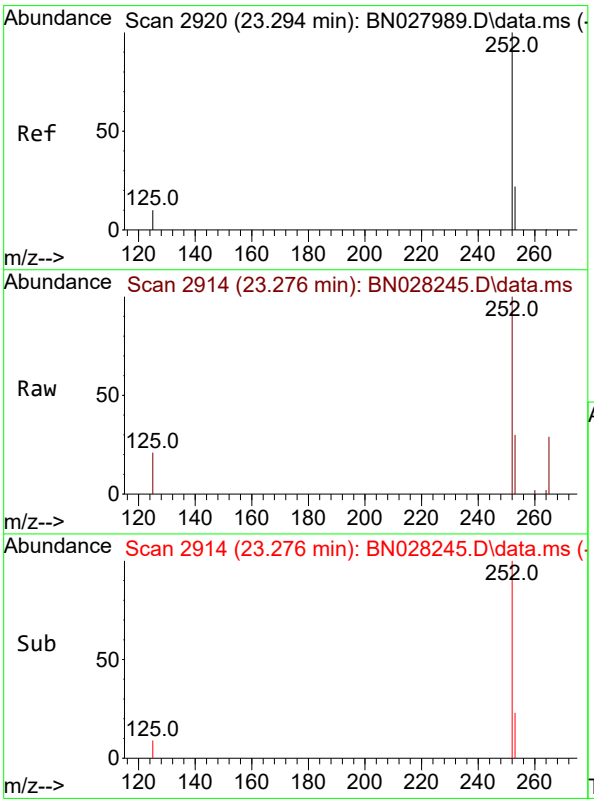
#37
Benzo(b)fluoranthene
Concen: 0.683 ng
RT: 23.227 min Scan# 2
Delta R.T. 0.015 min
Lab File: BN028245.D
Acq: 11 Oct 2023 22:39

Instrument :
BNA_N
ClientSampleId :
PB156272BS

Tgt Ion:252 Resp: 16837

Ion	Ratio	Lower	Upper
252	100		
253	29.3	22.9	34.3
125	20.0	13.8	20.8

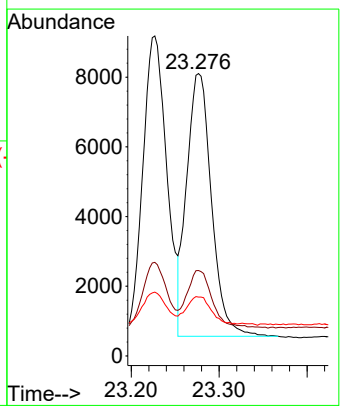


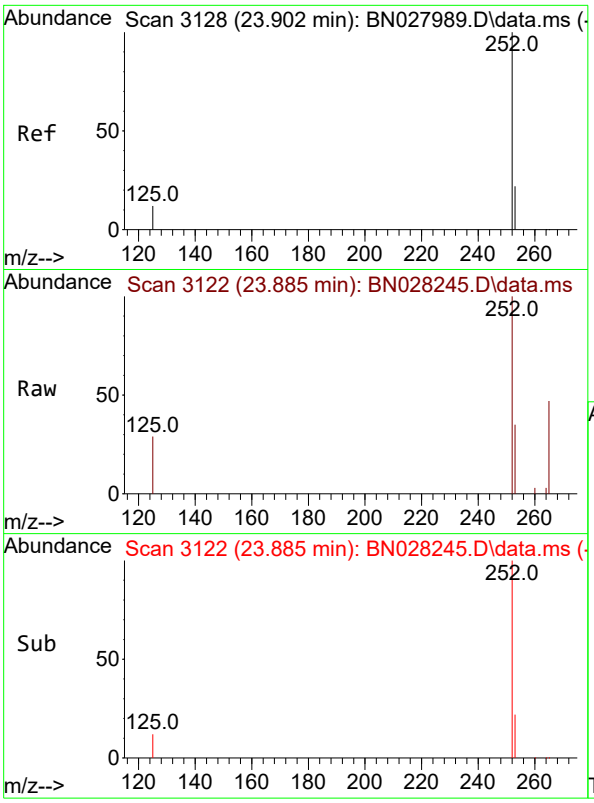


#38
Benzo(k)fluoranthene
Concen: 0.593 ng
RT: 23.276 min Scan# 2914
Delta R.T. 0.015 min
Lab File: BN028245.D
Acq: 11 Oct 2023 22:39

Tgt Ion:252 Resp: 14806

Ion	Ratio	Lower	Upper
252	100		
253	30.3	23.1	34.7
125	20.8	13.8	20.8#



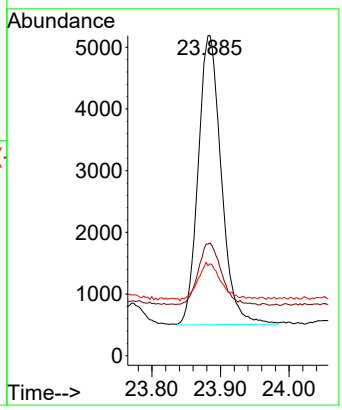


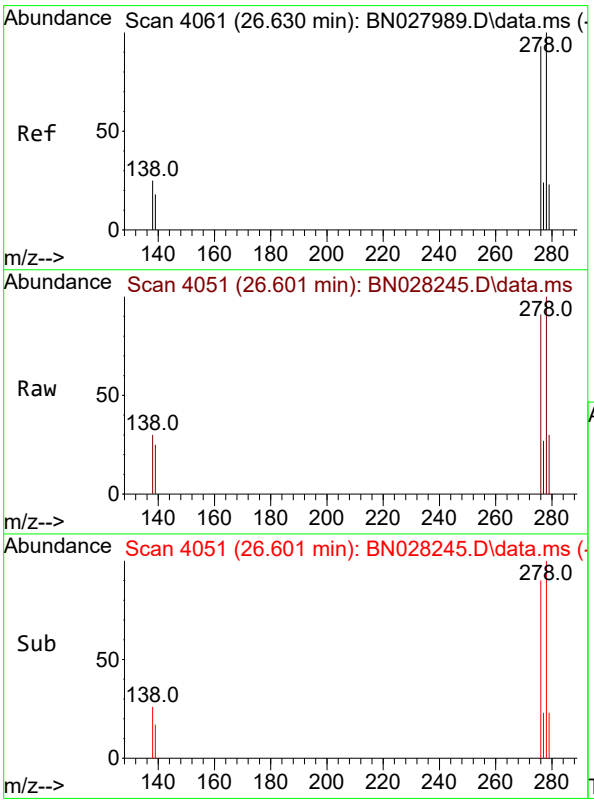
#39
Benzo(a)pyrene
Concen: 0.472 ng
RT: 23.885 min Scan# 3
Delta R.T. 0.020 min
Lab File: BN028245.D
Acq: 11 Oct 2023 22:39

Instrument :
BNA_N
ClientSampleId :
PB156272BS

Tgt Ion:252 Resp: 10986

Ion	Ratio	Lower	Upper
252	100		
253	35.2	25.0	37.4
125	28.7	16.6	24.8#

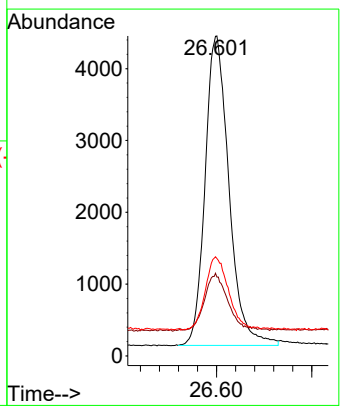


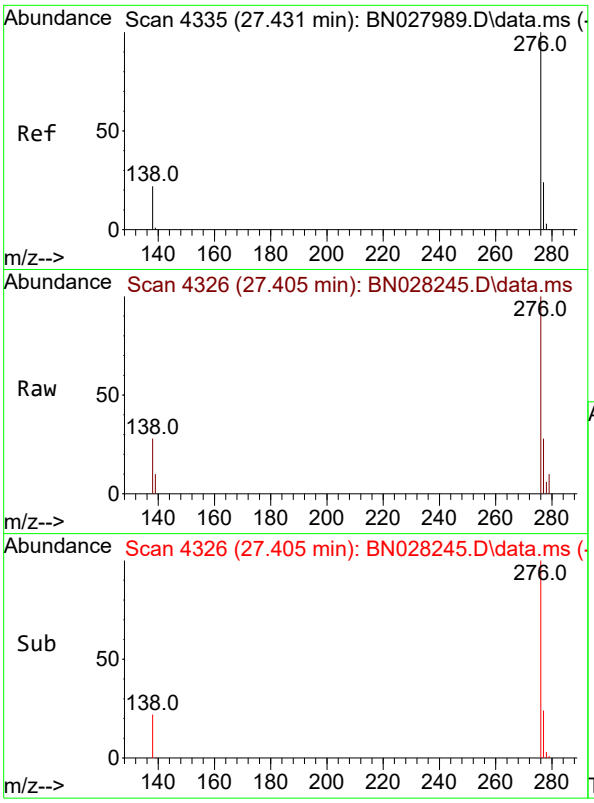


#40
Dibenzo(a,h)anthracene
Concen: 0.715 ng
RT: 26.601 min Scan# 4051
Delta R.T. 0.023 min
Lab File: BN028245.D
Acq: 11 Oct 2023 22:39

Tgt Ion:278 Resp: 15003

Ion	Ratio	Lower	Upper
278	100		
139	24.7	17.7	26.5
279	30.5	25.2	37.8





#41
Benzo(g,h,i)perylene
Concen: 0.625 ng
RT: 27.405 min Scan# 4
Delta R.T. 0.038 min
Lab File: BN028245.D
Acq: 11 Oct 2023 22:39

Instrument :
BNA_N
ClientSampleId :
PB156272BS

Tgt Ion:276 Resp: 13474

Ion	Ratio	Lower	Upper
276	100		
277	28.3	22.1	33.1
138	28.1	20.8	31.2