Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121222\
Data File : BN023148.D
Acq On : 13 Dec 2022 00:45
Operator : CG/JU
Sample : PB149552BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB149552BS

Quant Time: Dec 13 05:47:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 12 05:18:26 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.020	152	8890	0.400	ng		0.00
7) Naphthalene-d8	10.840	136	26346	0.400	ng	#	0.00
13) Acenaphthene-d10	14.655	164	13721	0.400	ng		0.00
19) Phenanthrene-d10	17.402	188	29147	0.400	ng	#	0.00
29) Chrysene-d12	21.589	240	23636	0.400	ng		0.00
35) Perylene-d12	24.044	264	19376	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.550	112	6667	0.403	ng		0.00
5) Phenol-d6	7.168	99	8354	0.397	ng		0.00
8) Nitrobenzene-d5	9.174	82	6788	0.391	ng		-0.01
11) 2-Methylnaphthalene-d10	12.420	152	17610	0.394	ng		0.00
14) 2,4,6-Tribromophenol	16.148	330	1942	0.390	ng		0.00
15) 2-Fluorobiphenyl	13.287	172	22080	0.403	ng		0.00
27) Fluoranthene-d10	19.431	212	26879	0.394	ng		0.00
31) Terphenyl-d14	20.022	244	13422	0.350	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.398	88	3458	0.394	ng		99
3) n-Nitrosodimethylamine	3.730	42	3521	0.409	ng	#	98
6) bis(2-Chloroethyl)ether	7.435	93	9643	0.403	ng		98
9) Naphthalene	10.882	128	26409	0.394	ng		100
10) Hexachlorobutadiene	11.171	225	5225	0.408	ng	#	100
12) 2-Methylnaphthalene	12.113	142	4051	0.405	ng		97
16) Acenaphthylene	14.377	152	20448	0.370	ng		100
17) Acenaphthene	14.720	154	15520	0.382	ng		98
18) Fluorene	15.703	166	18235	0.401	ng		100
20) 4,6-Dinitro-2-methylph...	15.776	198	1039	0.413	ng		88
21) 4-Bromophenyl-phenylether	16.595	248	6173	0.397	ng	#	80
22) Hexachlorobenzene	16.707	284	8070	0.396	ng		99
23) Atrazine	16.856	200	3874	0.353	ng	#	94
24) Pentachlorophenol	17.054	266	2097	0.296	ng		99
25) Phenanthrene	17.439	178	32928	0.379	ng		100
26) Anthracene	17.538	178	25244	0.365	ng		100
28) Fluoranthene	19.460	202	34713	0.373	ng		99
30) Pyrene	19.827	202	34178	0.395	ng		100
32) Benzo(a)anthracene	21.571	228	29117	0.382	ng		100
33) Chrysene	21.625	228	33816	0.395	ng		100
34) Bis(2-ethylhexyl)phtha...	21.491	149	11633	0.361	ng		99
36) Indeno(1,2,3-cd)pyrene	26.611	276	35534	0.409	ng		98
37) Benzo(b)fluoranthene	23.340	252	31850	0.397	ng		100
38) Benzo(k)fluoranthene	23.340	252	30926	0.379	ng		100
39) Benzo(a)pyrene	23.936	252	25411	0.422	ng	#	90
40) Dibenzo(a,h)anthracene	26.635	278	27135	0.389	ng		99
41) Benzo(g,h,i)perylene	27.404	276	27001	0.363	ng		98

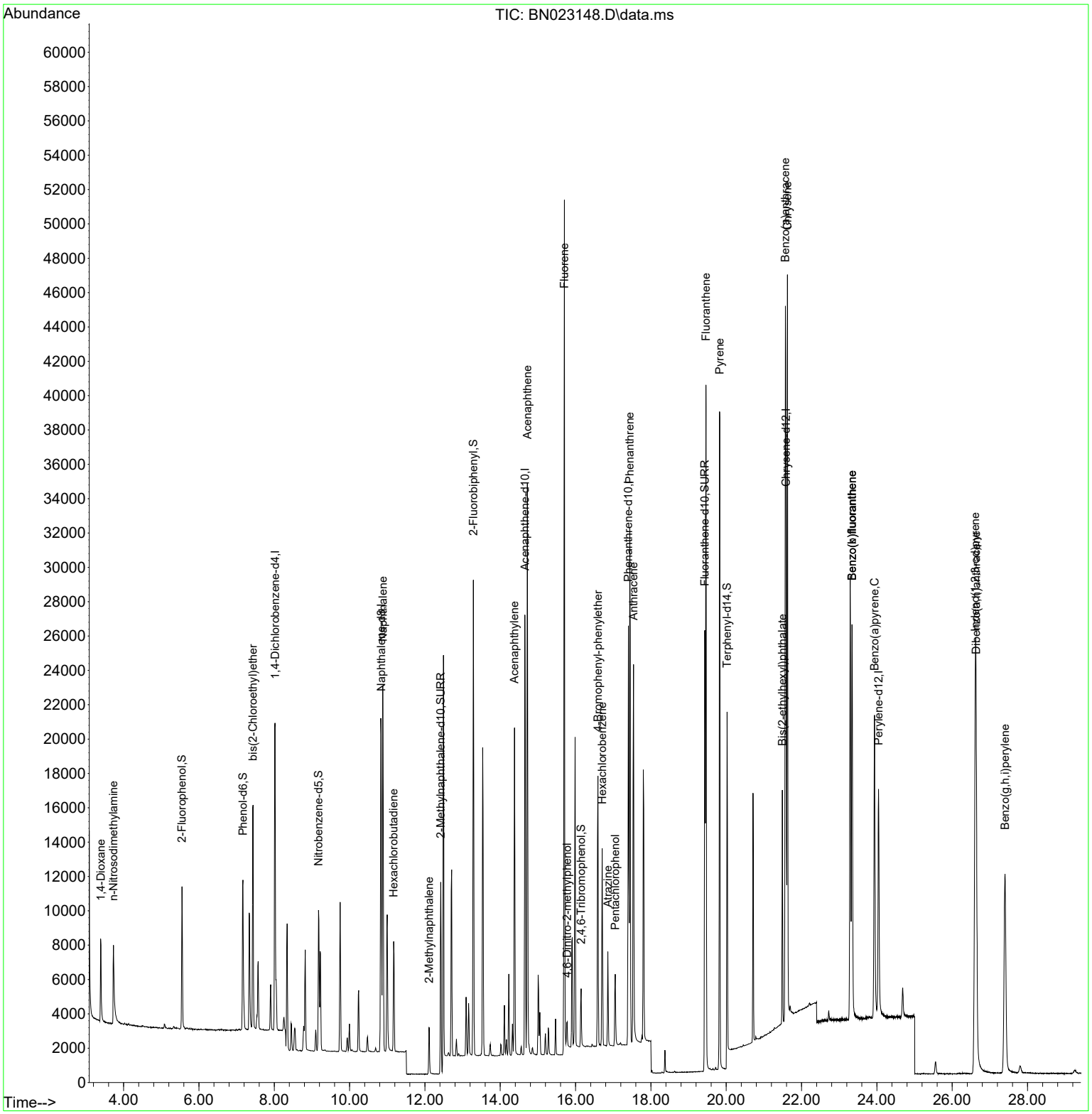
(#) = qualifier out of range (m) = manual integration (+) = signals summed

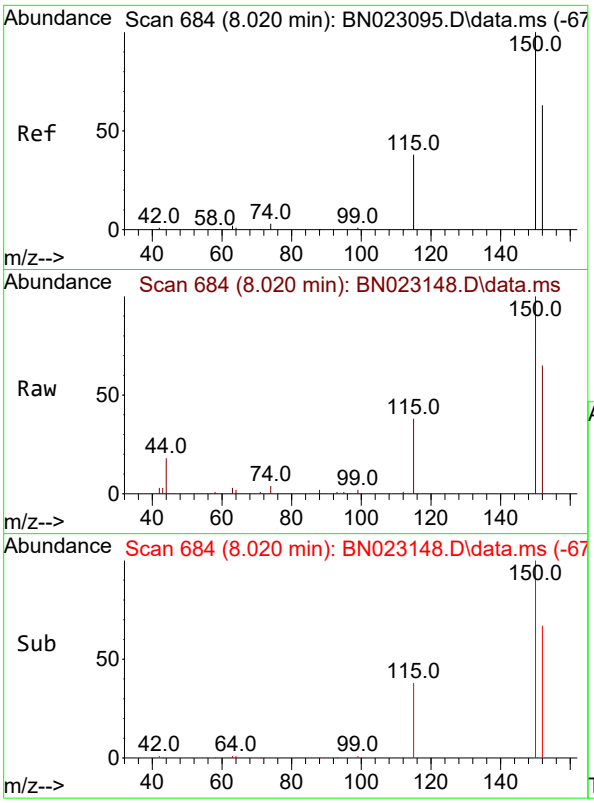
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121222\
Data File : BN023148.D
Acq On : 13 Dec 2022 00:45
Operator : CG/JU
Sample : PB149552BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB149552BS

Quant Time: Dec 13 05:47:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 12 05:18:26 2022
Response via : Initial Calibration



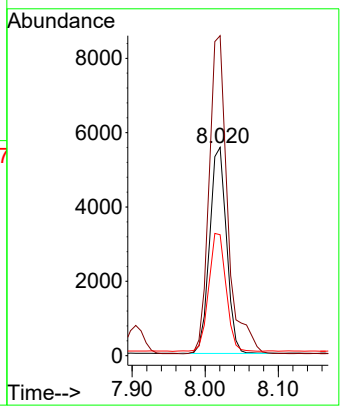


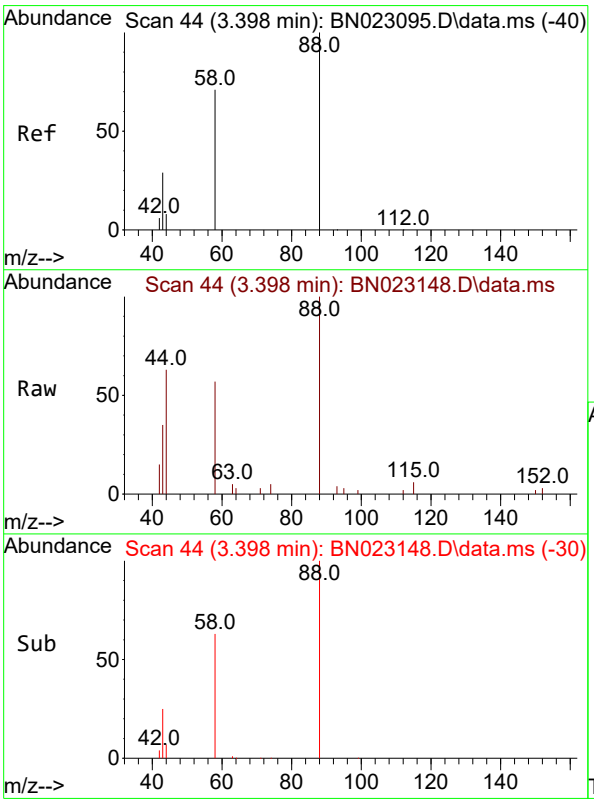
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.020 min Scan# 6
Delta R.T. -0.001 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

Instrument :
BNA_N
ClientSampleId :
PB149552BS

Tgt Ion:152 Resp: 8890

Ion	Ratio	Lower	Upper
152	100		
150	153.6	125.6	188.4
115	58.1	49.0	73.4

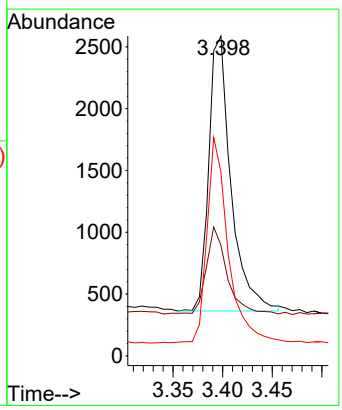


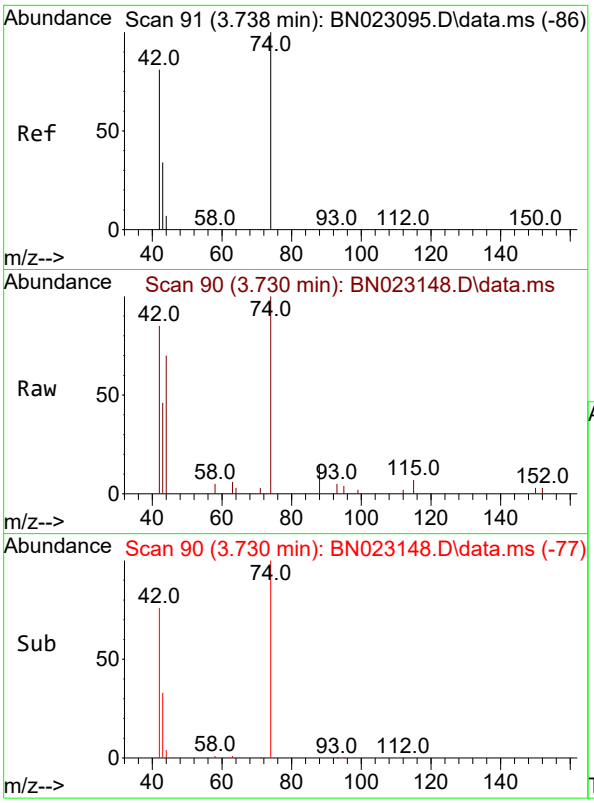


#2
1,4-Dioxane
Concen: 0.394 ng
RT: 3.398 min Scan# 44
Delta R.T. -0.000 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

Tgt Ion: 88 Resp: 3458

Ion	Ratio	Lower	Upper
88	100		
43	29.1	23.3	34.9
58	71.4	58.0	87.0



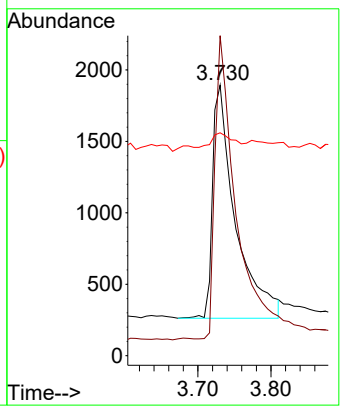


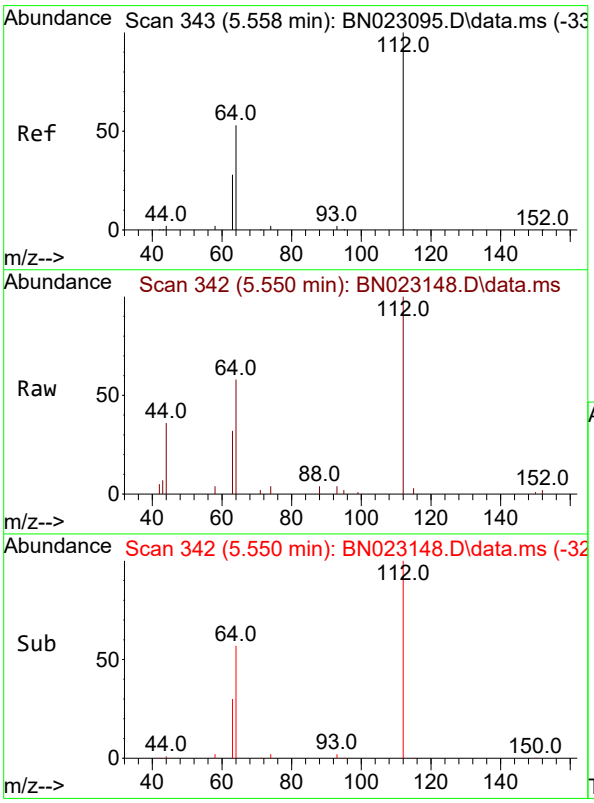
#3
n-Nitrosodimethylamine
Concen: 0.409 ng
RT: 3.730 min Scan# 9
Delta R.T. -0.007 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

Instrument :
BNA_N
ClientSampleId :
PB149552BS

Tgt Ion: 42 Resp: 3521

Ion	Ratio	Lower	Upper
42	100		
74	121.3	95.8	143.6
44	6.0	8.4	12.6#

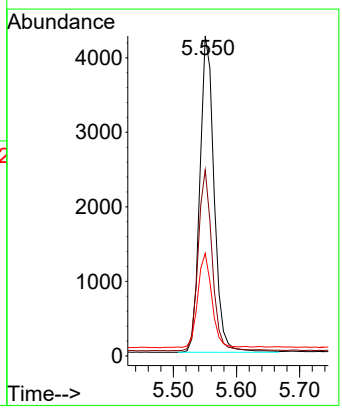


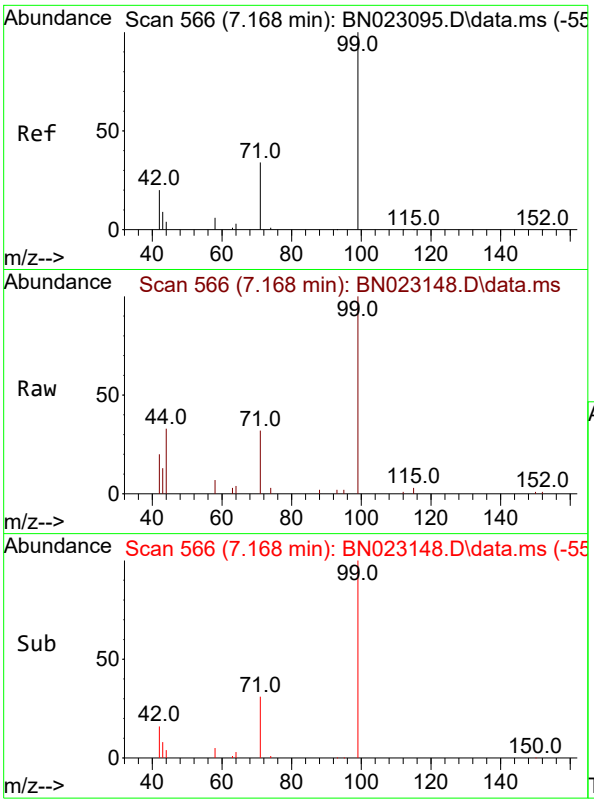


#4
2-Fluorophenol
Concen: 0.403 ng
RT: 5.550 min Scan# 342
Delta R.T. -0.000 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

Tgt Ion:112 Resp: 6667

Ion	Ratio	Lower	Upper
112	100		
64	55.7	44.4	66.6
63	29.6	23.7	35.5



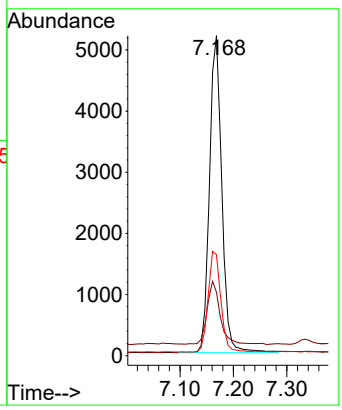


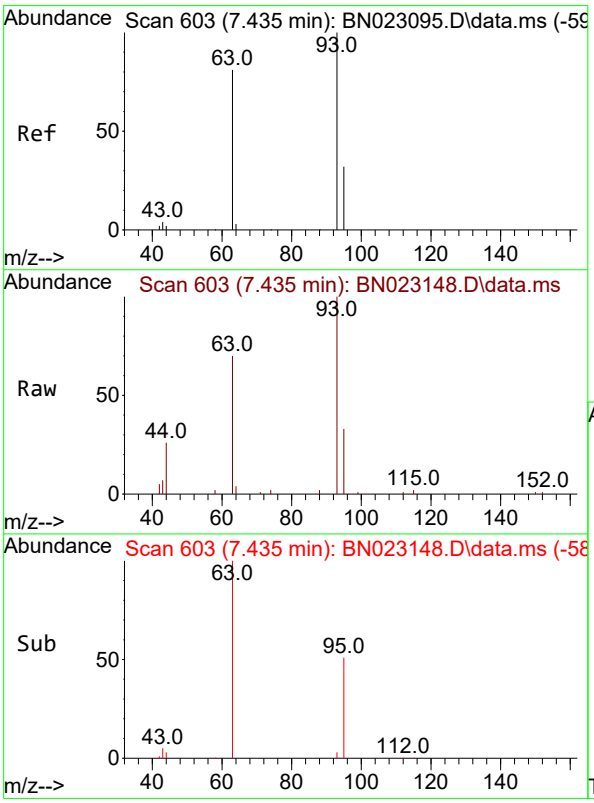
#5
Phenol-d6
Concen: 0.397 ng
RT: 7.168 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

Instrument :
BNA_N
ClientSampleId :
PB149552BS

Tgt Ion: 99 Resp: 8354

Ion	Ratio	Lower	Upper
99	100		
42	21.3	16.3	24.5
71	32.9	26.5	39.7

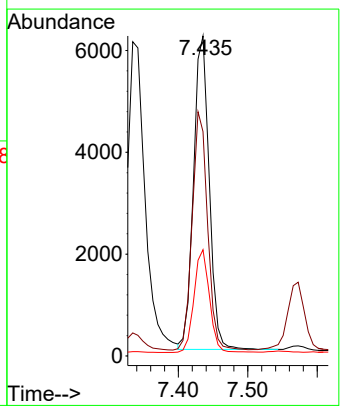


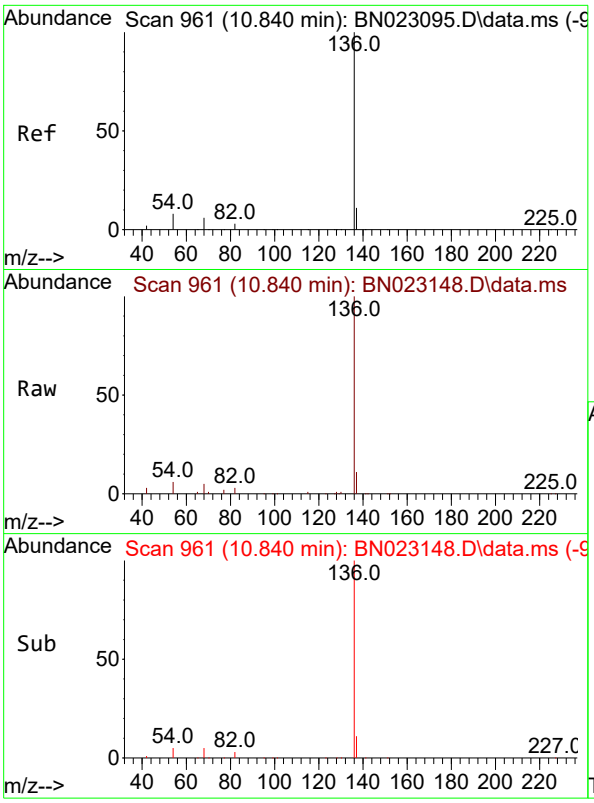


#6
bis(2-Chloroethyl)ether
Concen: 0.403 ng
RT: 7.435 min Scan# 603
Delta R.T. -0.000 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

Tgt Ion: 93 Resp: 9643

Ion	Ratio	Lower	Upper
93	100		
63	74.4	58.1	87.1
95	32.5	25.2	37.8



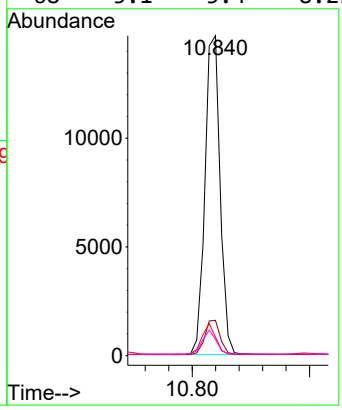


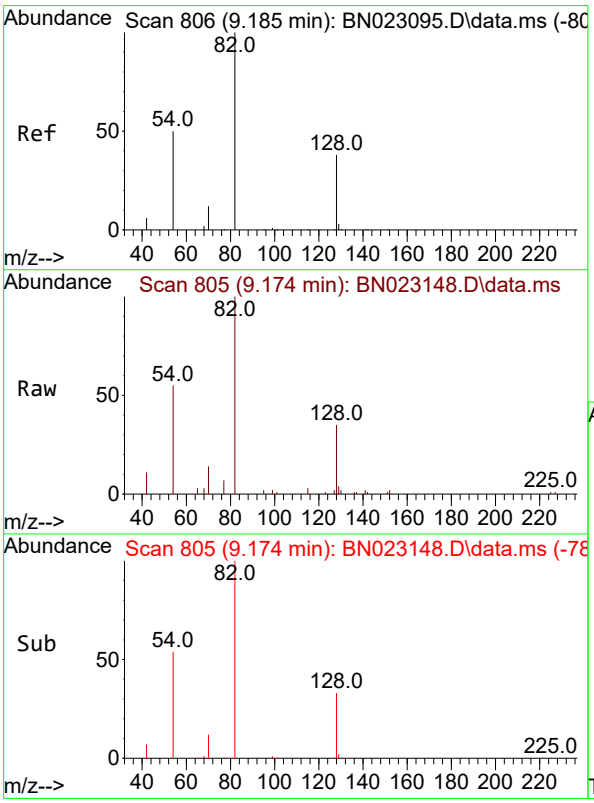
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.840 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

Instrument :
BNA_N
ClientSampleId :
PB149552BS

Tgt Ion:136 Resp: 26346

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	5.8	6.5	9.7#
68	5.1	5.4	8.2#

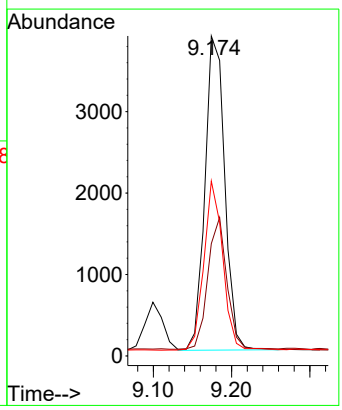


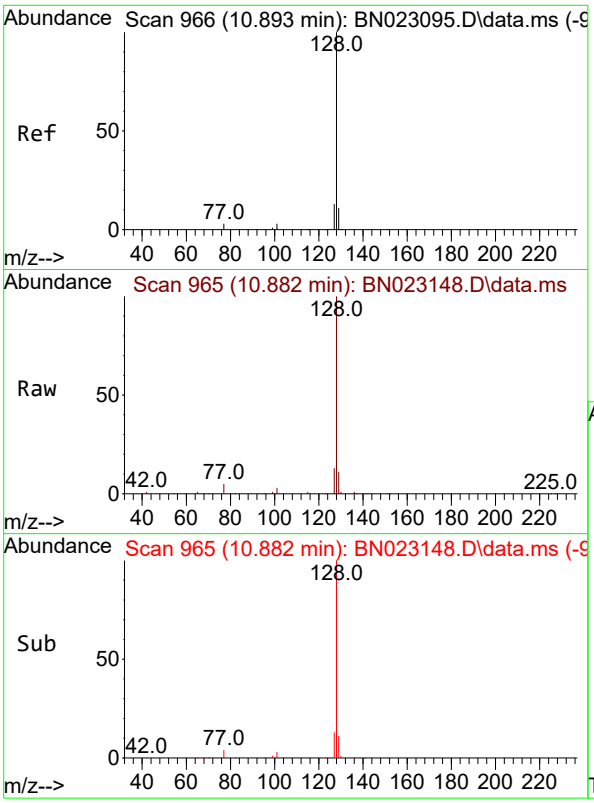


#8
Nitrobenzene-d5
Concen: 0.391 ng
RT: 9.174 min Scan# 805
Delta R.T. -0.011 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

Tgt Ion: 82 Resp: 6788

Ion	Ratio	Lower	Upper
82	100		
128	35.1	31.4	47.2
54	54.6	41.0	61.4



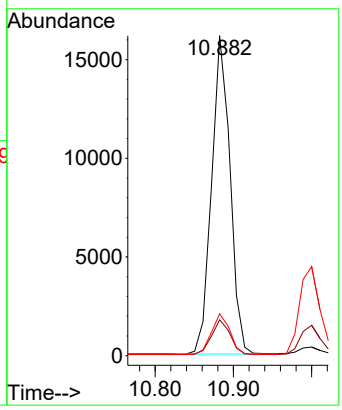


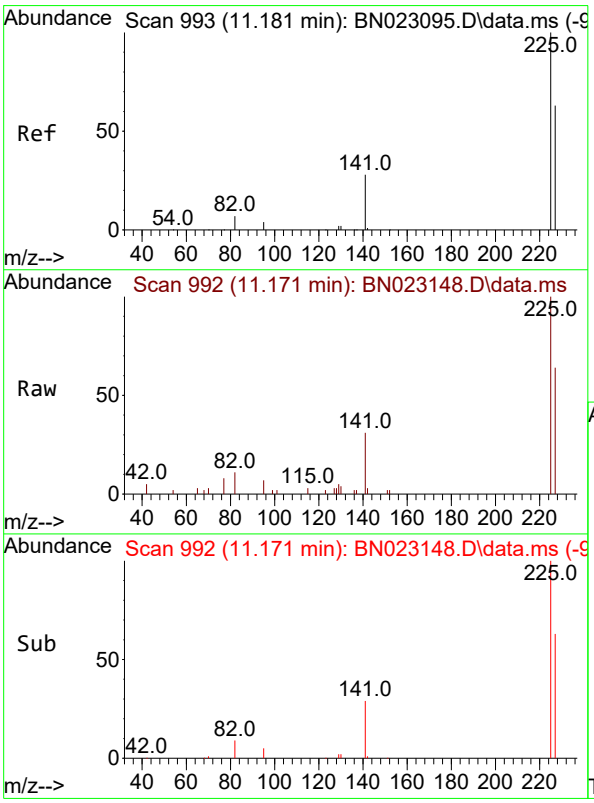
#9
Naphthalene
Concen: 0.394 ng
RT: 10.882 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

Instrument :
BNA_N
ClientSampleId :
PB149552BS

Tgt Ion:128 Resp: 26409

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.1	10.5	15.7

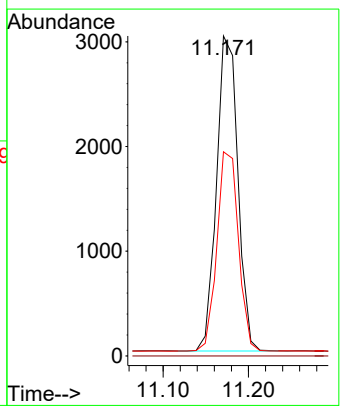


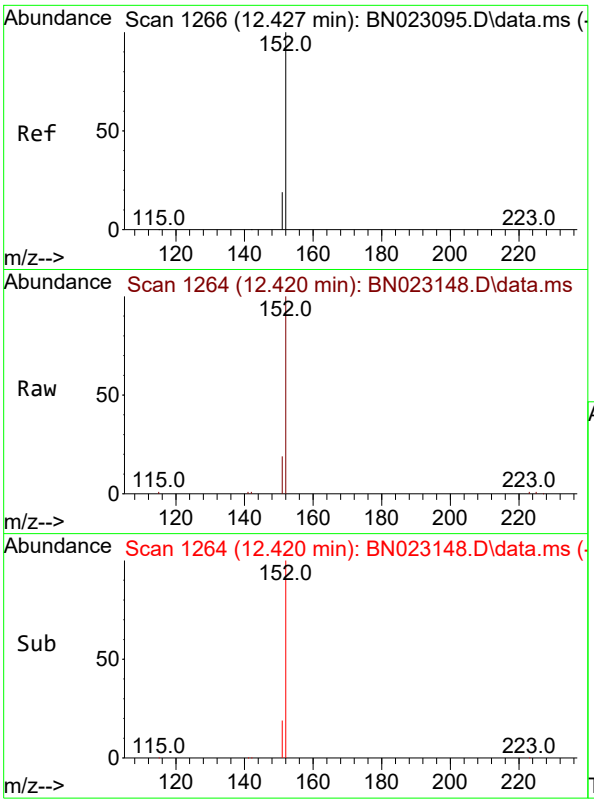


#10
Hexachlorobutadiene
Concen: 0.408 ng
RT: 11.171 min Scan# 992
Delta R.T. -0.011 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

Tgt Ion:225 Resp: 5225

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	51.1	76.7



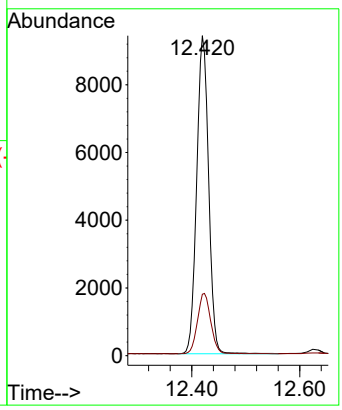


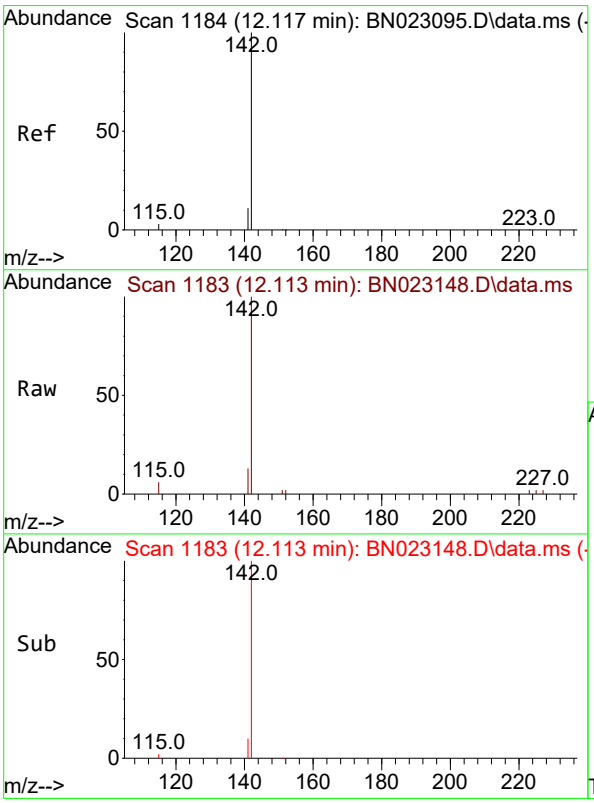
#11
2-Methylnaphthalene-d10
Concen: 0.394 ng
RT: 12.420 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

Instrument :
BNA_N
ClientSampleId :
PB149552BS

Tgt Ion:152 Resp: 17610

Ion	Ratio	Lower	Upper
152	100		
151	17.2	15.1	22.7

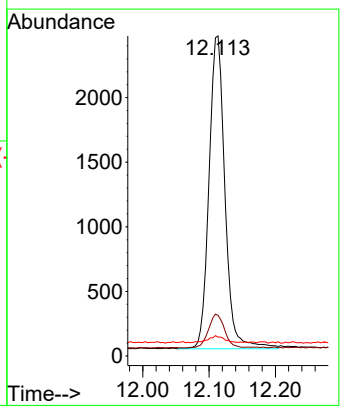


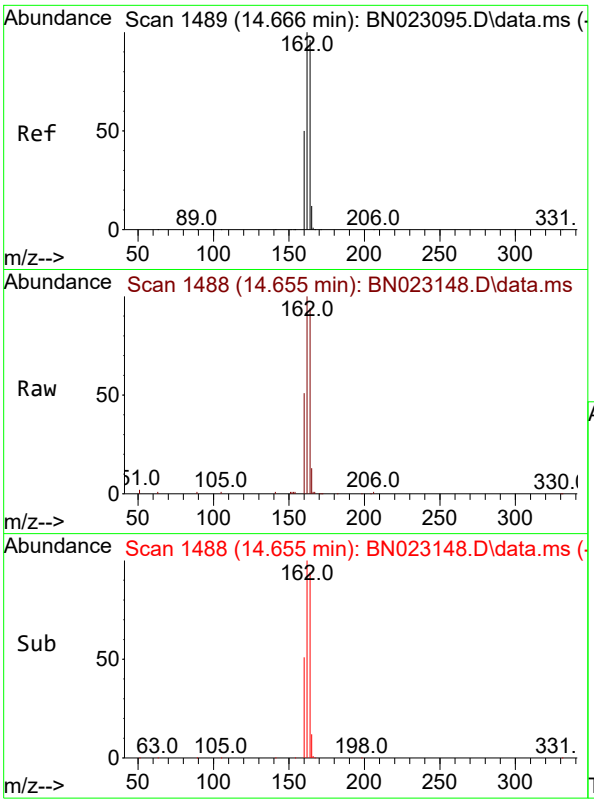


#12
2-Methylnaphthalene
Concen: 0.405 ng
RT: 12.113 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

Tgt Ion:142 Resp: 4051

Ion	Ratio	Lower	Upper
142	100		
141	12.7	10.9	16.3
115	5.9	5.7	8.5



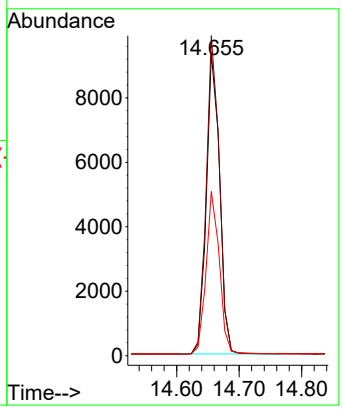


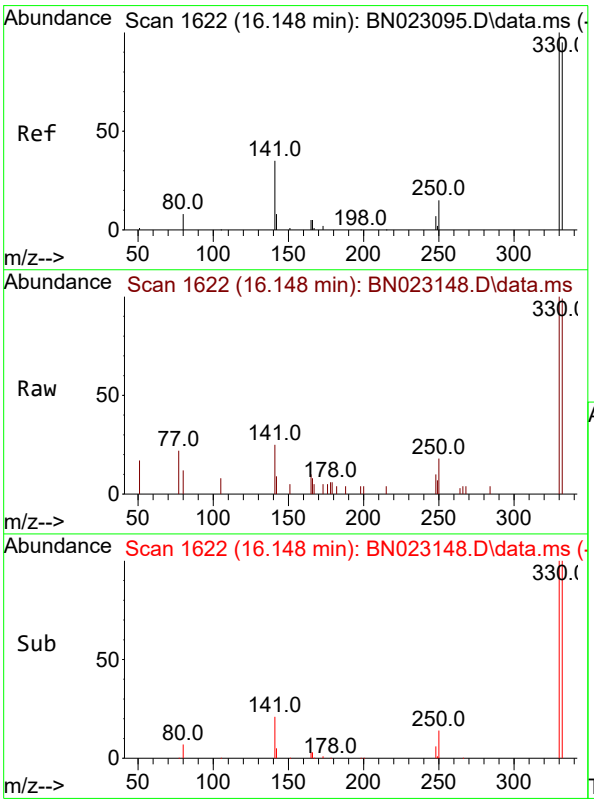
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.655 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

Instrument :
BNA_N
ClientSampleId :
PB149552BS

Tgt Ion:164 Resp: 13721

Ion	Ratio	Lower	Upper
164	100		
162	106.0	83.4	125.0
160	54.3	41.8	62.8

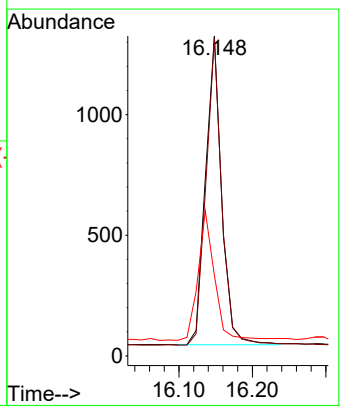


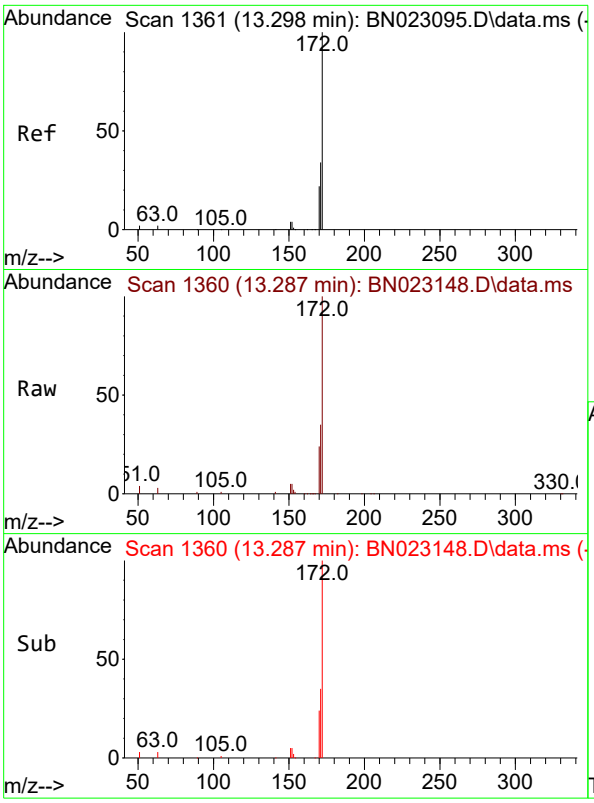


#14
2,4,6-Tribromophenol
Concen: 0.390 ng
RT: 16.148 min Scan# 1622
Delta R.T. -0.000 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

Tgt Ion:330 Resp: 1942

Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.3	115.9
141	43.6	33.5	50.3



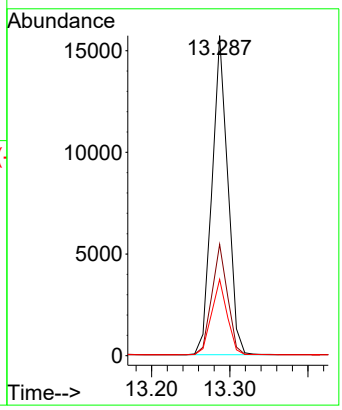


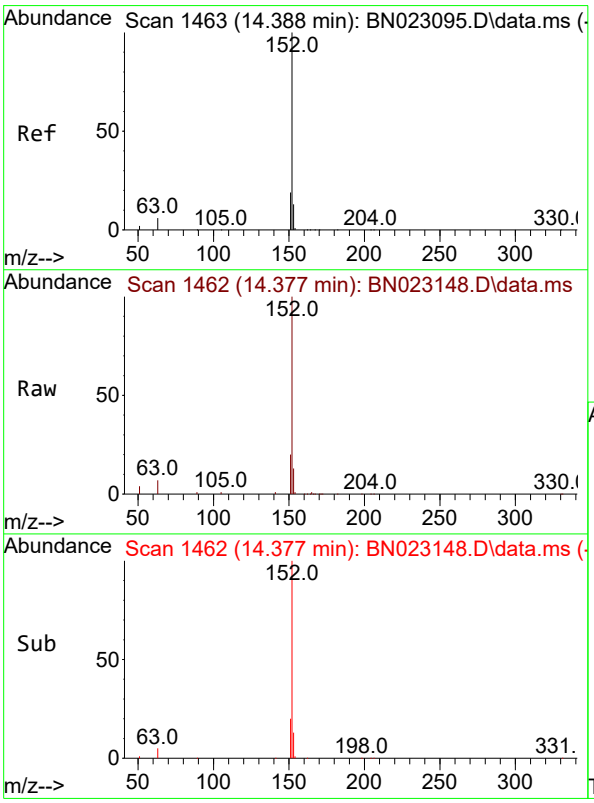
#15
2-Fluorobiphenyl
Concen: 0.403 ng
RT: 13.287 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

Instrument :
BNA_N
ClientSampleId :
PB149552BS

Tgt Ion:172 Resp: 22080

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.4	41.0
170	23.8	17.9	26.9

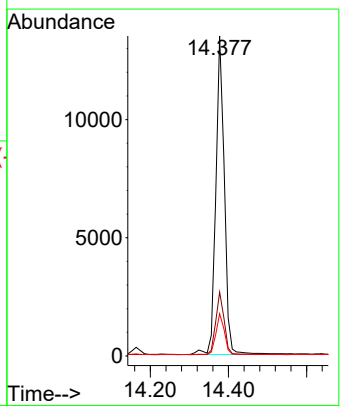


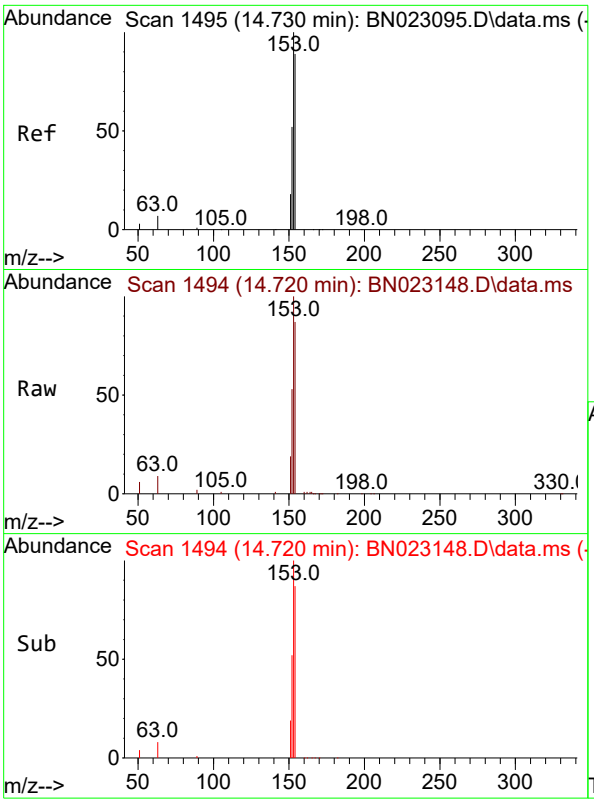


#16
Acenaphthylene
Concen: 0.370 ng
RT: 14.377 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

Tgt Ion:152 Resp: 20448

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.2
153	13.0	10.3	15.5



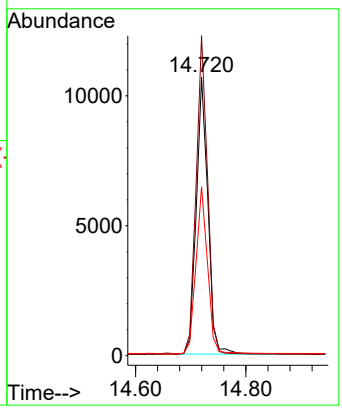


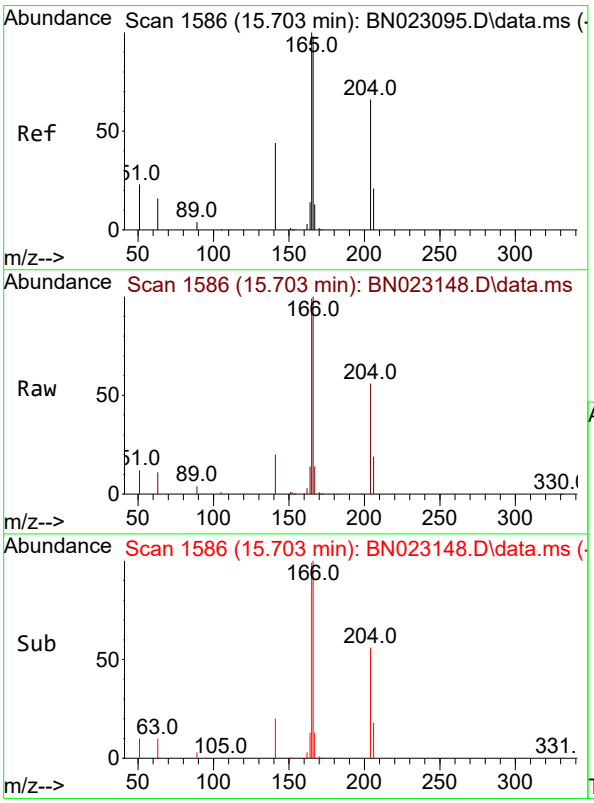
#17
Acenaphthene
Concen: 0.382 ng
RT: 14.720 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

Instrument :
BNA_N
ClientSampleId :
PB149552BS

Tgt Ion:154 Resp: 15520

Ion	Ratio	Lower	Upper
154	100		
153	113.5	88.6	132.8
152	60.5	48.1	72.1

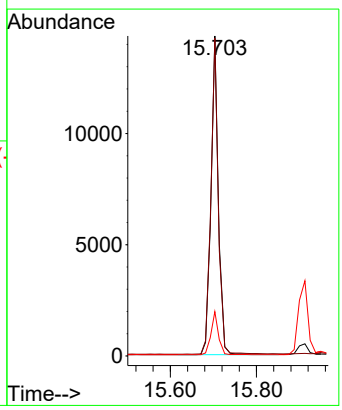


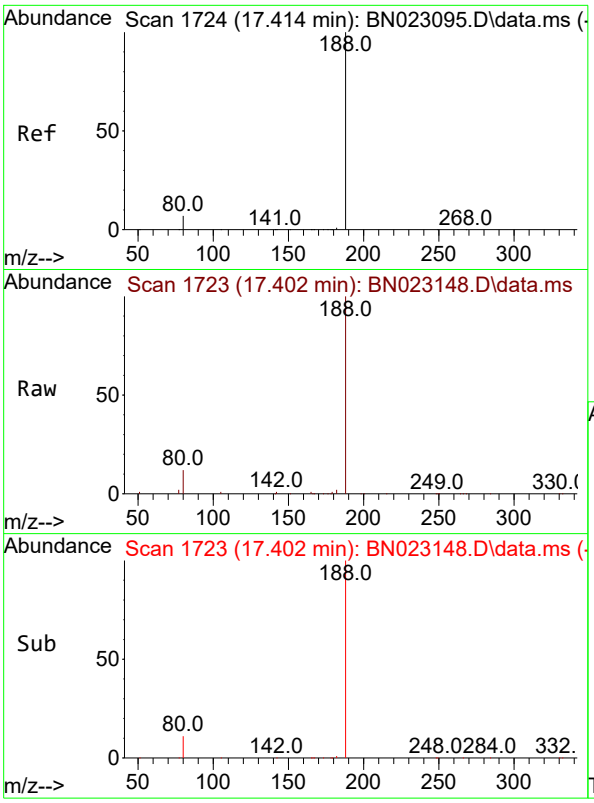


#18
Fluorene
Concen: 0.401 ng
RT: 15.703 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

Tgt Ion:166 Resp: 18235

Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.8	119.6
167	13.6	10.6	16.0



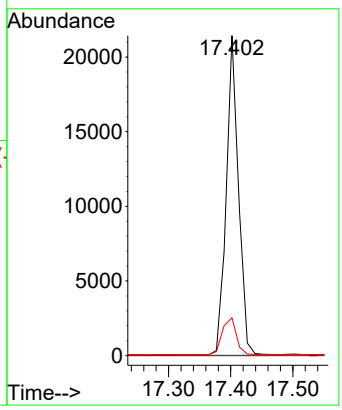


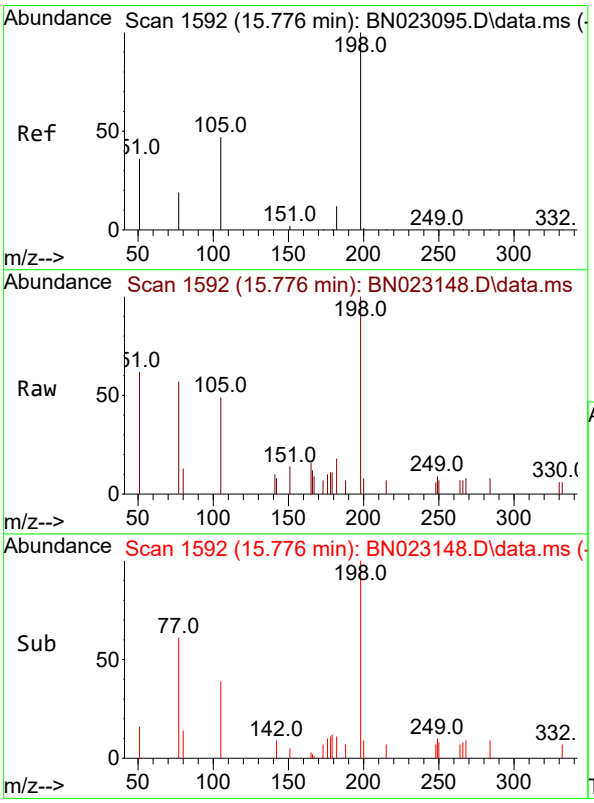
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.402 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

Instrument :
BNA_N
ClientSampleId :
PB149552BS

Tgt Ion:188 Resp: 29147

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.8	6.1	9.1#

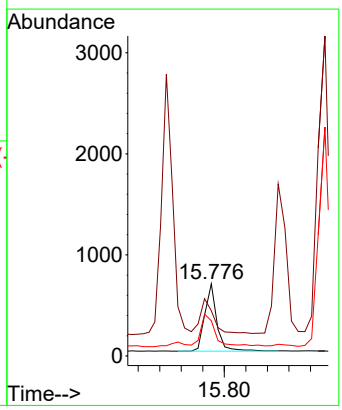


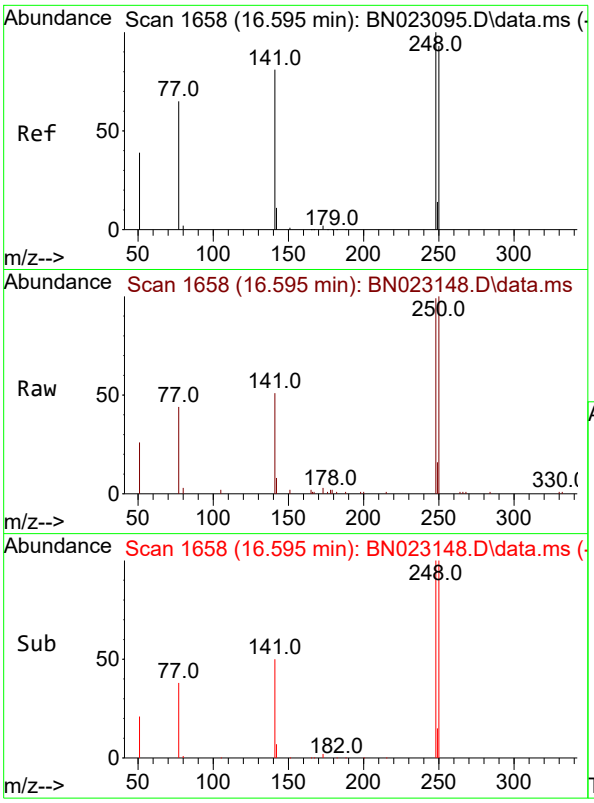


#20
4,6-Dinitro-2-methylphenol
Concen: 0.413 ng
RT: 15.776 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

Tgt Ion:198 Resp: 1039

Ion	Ratio	Lower	Upper
198	100		
51	62.5	57.0	85.4
105	48.9	47.2	70.8



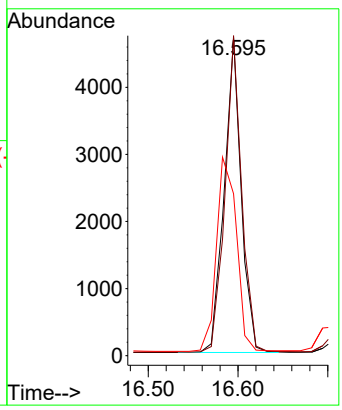


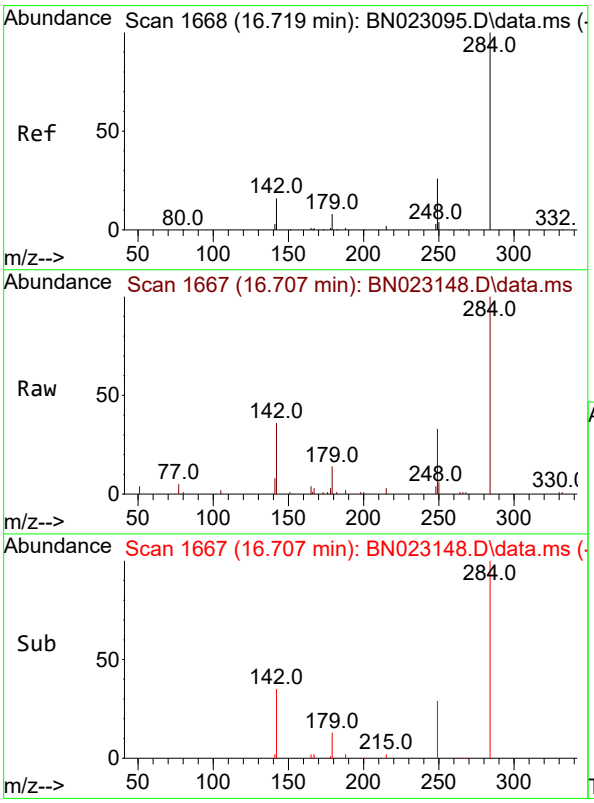
#21
4-Bromophenyl-phenylether
Concen: 0.397 ng
RT: 16.595 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

Instrument :
BNA_N
ClientSampleId :
PB149552BS

Tgt Ion:248 Resp: 6173

Ion	Ratio	Lower	Upper
248	100		
250	100.6	74.3	111.5
141	50.9	65.0	97.6#

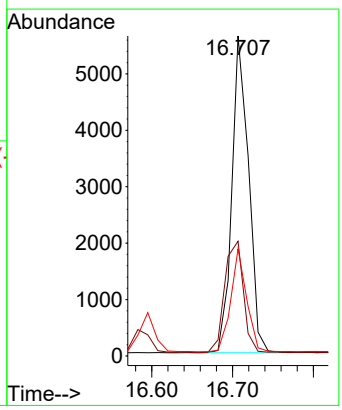


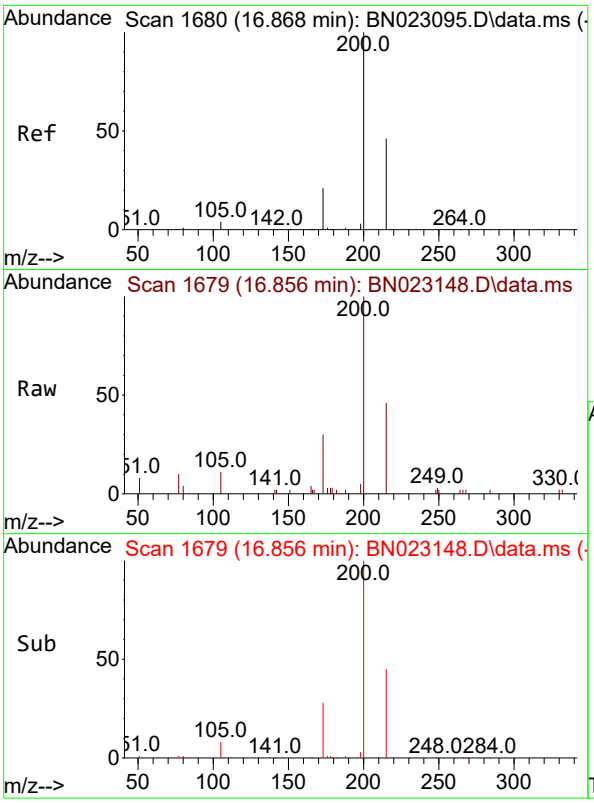


#22
Hexachlorobenzene
Concen: 0.396 ng
RT: 16.707 min Scan# 1667
Delta R.T. -0.000 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

Tgt Ion:284 Resp: 8070

Ion	Ratio	Lower	Upper
284	100		
142	39.5	31.0	46.4
249	30.9	24.4	36.6



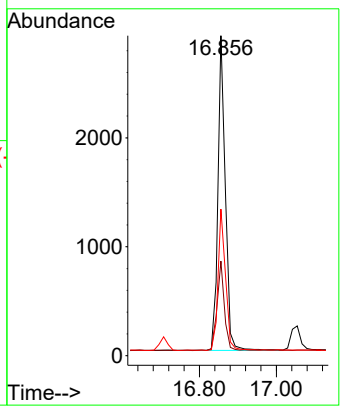


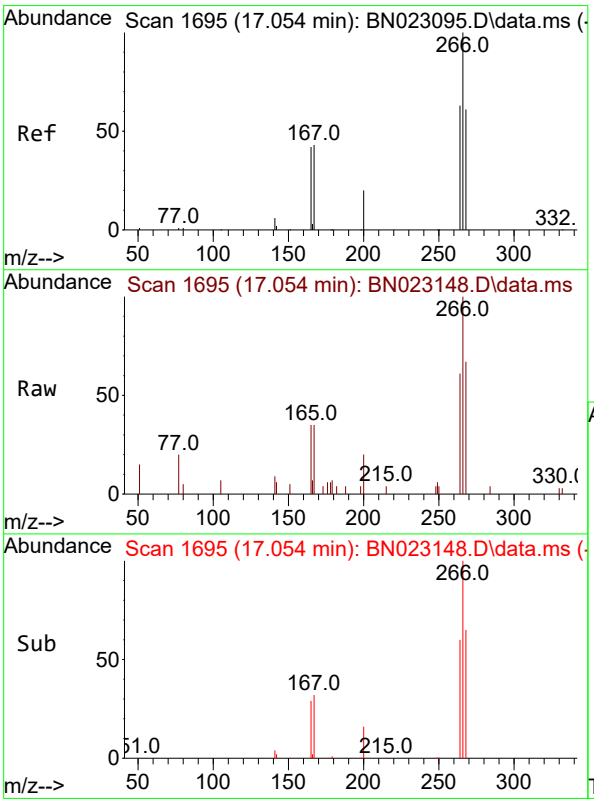
#23
Atrazine
Concen: 0.353 ng
RT: 16.856 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

Instrument :
BNA_N
ClientSampleId :
PB149552BS

Tgt Ion:200 Resp: 3874

Ion	Ratio	Lower	Upper
200	100		
173	29.6	18.2	27.4#
215	45.8	38.0	57.0

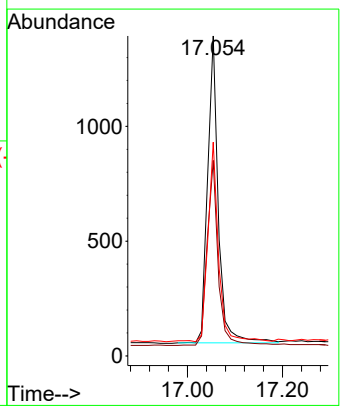


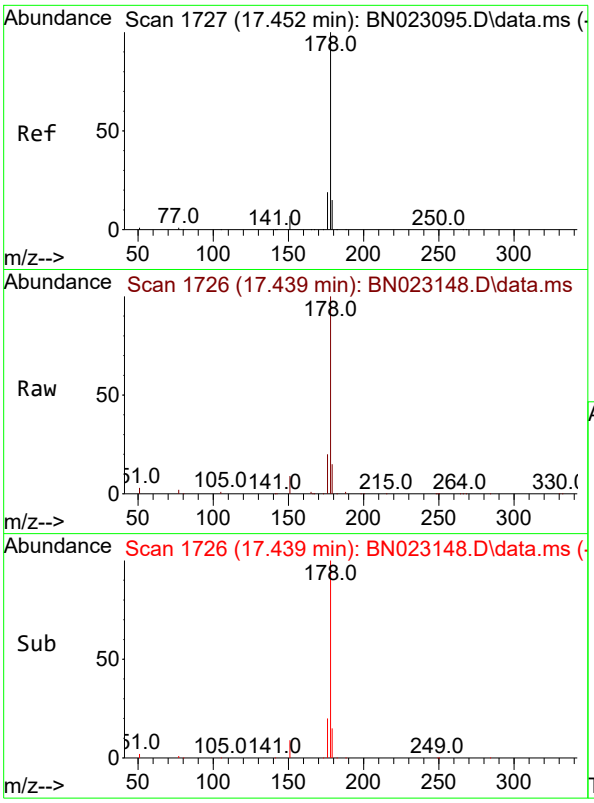


#24
Pentachlorophenol
Concen: 0.296 ng
RT: 17.054 min Scan# 1695
Delta R.T. -0.000 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

Tgt Ion:266 Resp: 2097

Ion	Ratio	Lower	Upper
266	100		
264	61.9	50.1	75.1
268	63.4	49.7	74.5



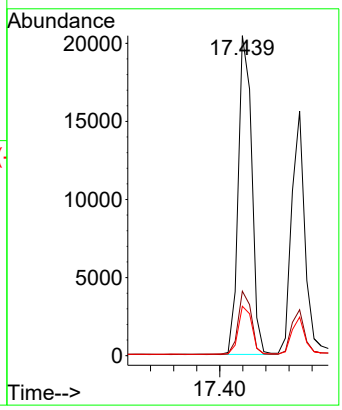


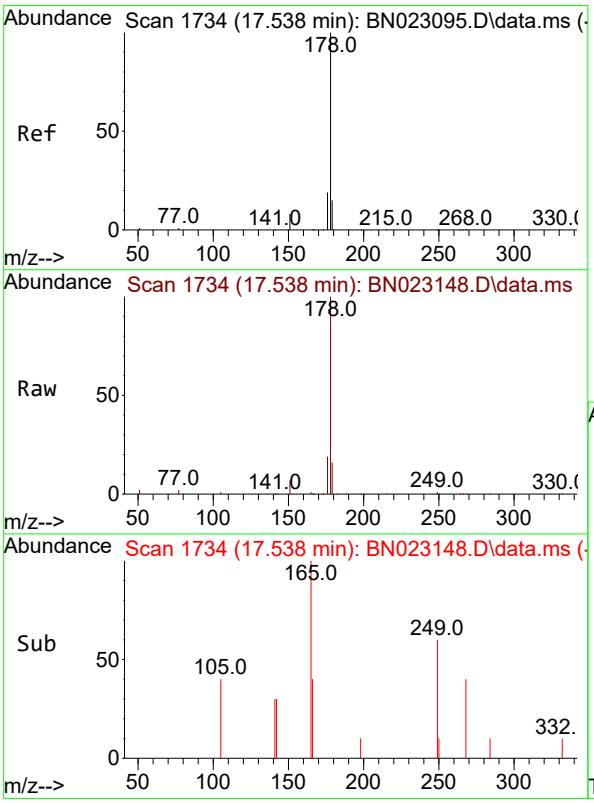
#25
Phenanthrene
Concen: 0.379 ng
RT: 17.439 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

Instrument :
BNA_N
ClientSampleId :
PB149552BS

Tgt Ion:178 Resp: 32928

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.3	12.2	18.2

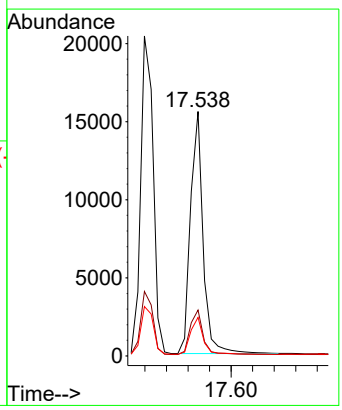


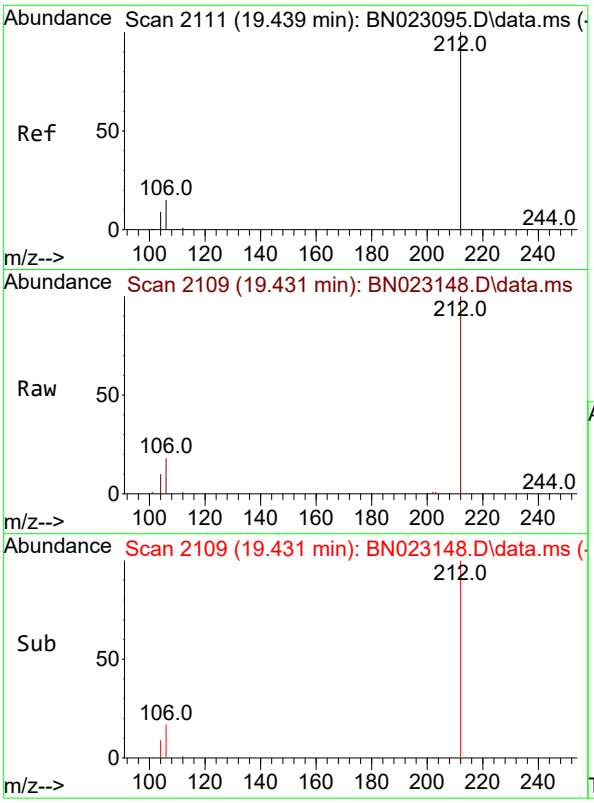


#26
Anthracene
Concen: 0.365 ng
RT: 17.538 min Scan# 1734
Delta R.T. -0.000 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

Tgt Ion:178 Resp: 25244

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.1	22.7
179	15.3	12.2	18.4



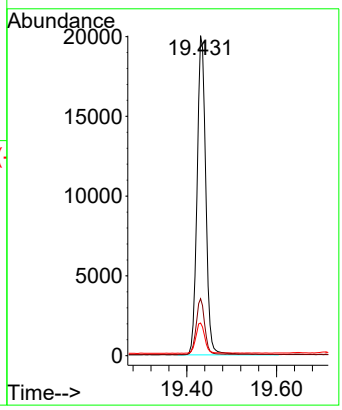


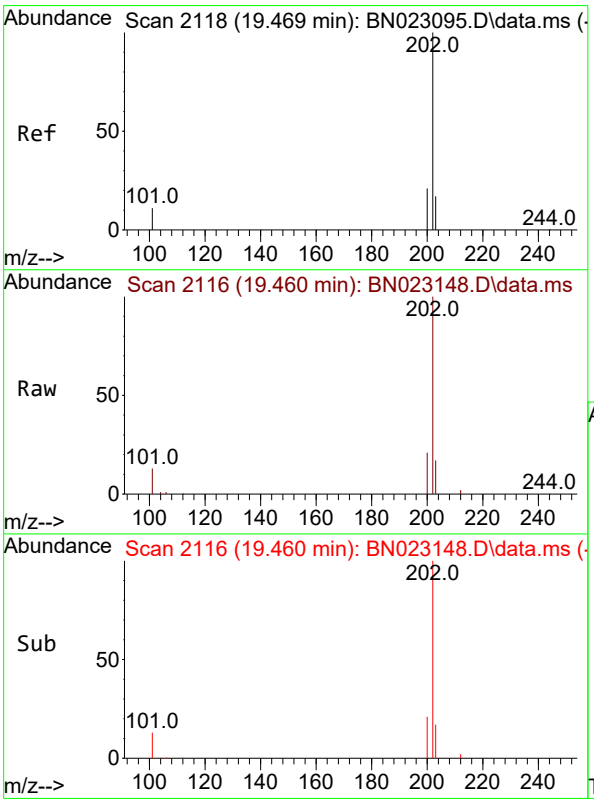
#27
Fluoranthene-d10
Concen: 0.394 ng
RT: 19.431 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

Instrument :
BNA_N
ClientSampleId :
PB149552BS

Tgt Ion:212 Resp: 26879

Ion	Ratio	Lower	Upper
212	100		
106	17.2	13.0	19.4
104	9.8	7.5	11.3

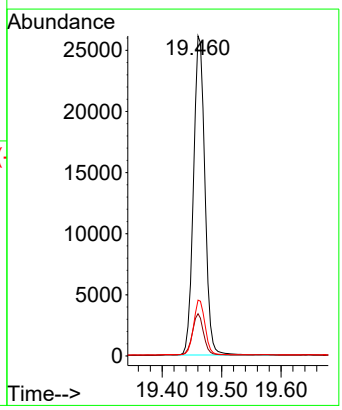


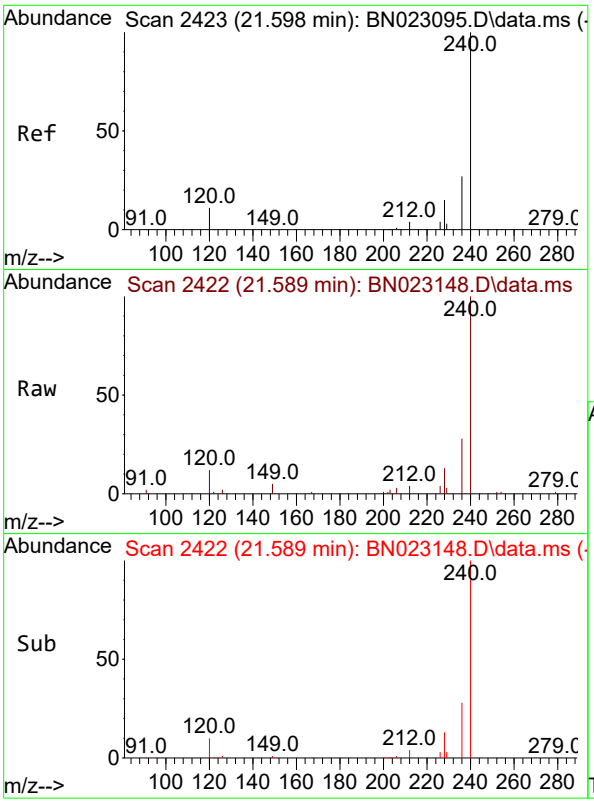


#28
Fluoranthene
Concen: 0.373 ng
RT: 19.460 min Scan# 2116
Delta R.T. -0.004 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

Tgt Ion:202 Resp: 34713

Ion	Ratio	Lower	Upper
202	100		
101	13.0	9.7	14.5
203	17.1	13.8	20.6



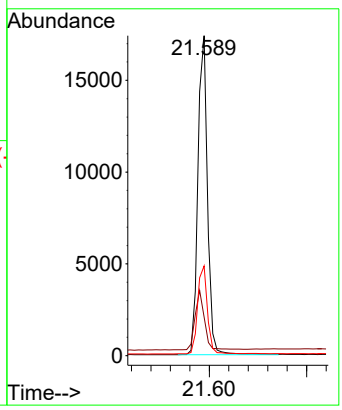


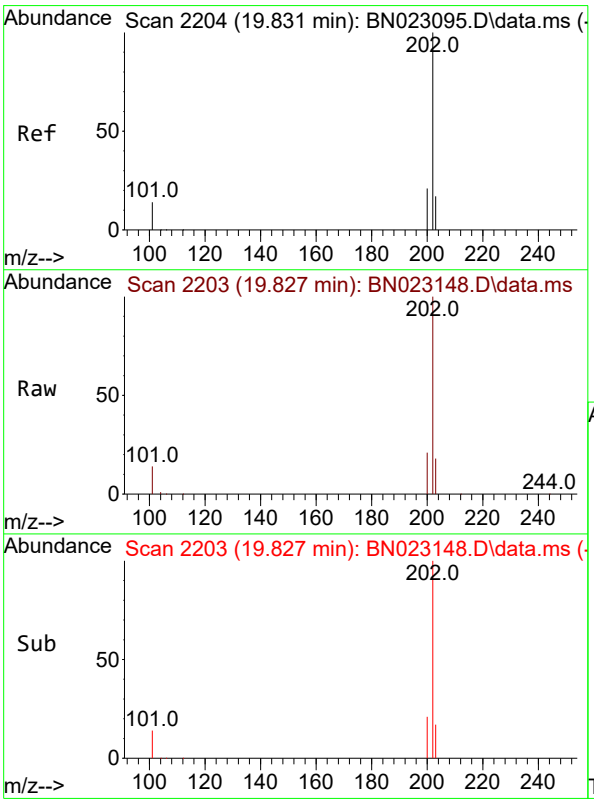
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.589 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

Instrument :
BNA_N
ClientSampleId :
PB149552BS

Tgt Ion:240 Resp: 23636

Ion	Ratio	Lower	Upper
240	100		
120	12.0	10.1	15.1
236	28.0	22.2	33.4

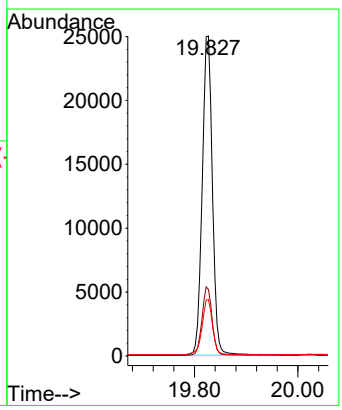


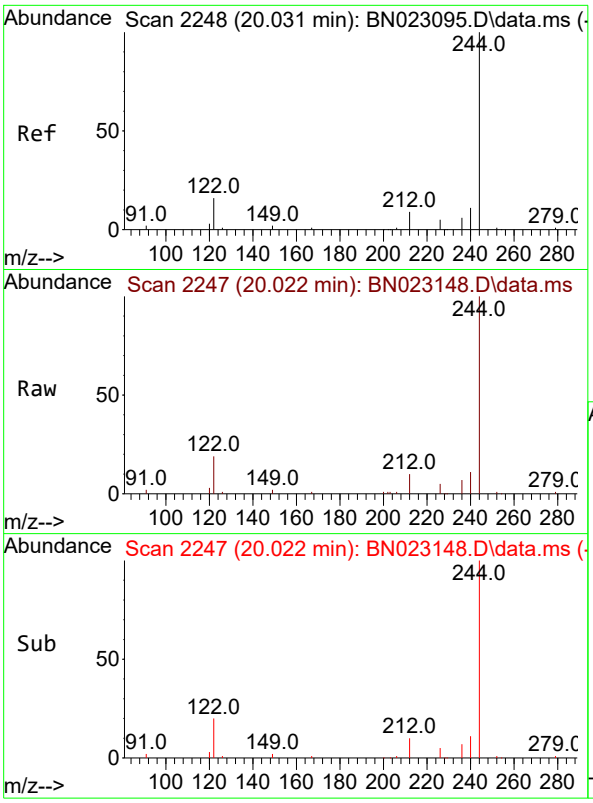


#30
Pyrene
Concen: 0.395 ng
RT: 19.827 min Scan# 2203
Delta R.T. -0.000 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

Tgt Ion:202 Resp: 34178

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.8	14.2	21.4



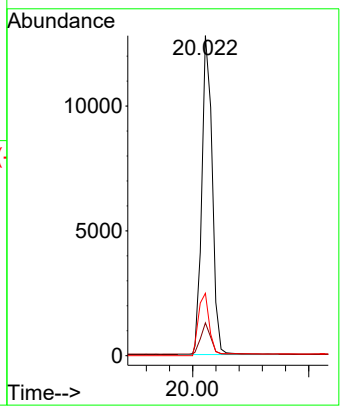


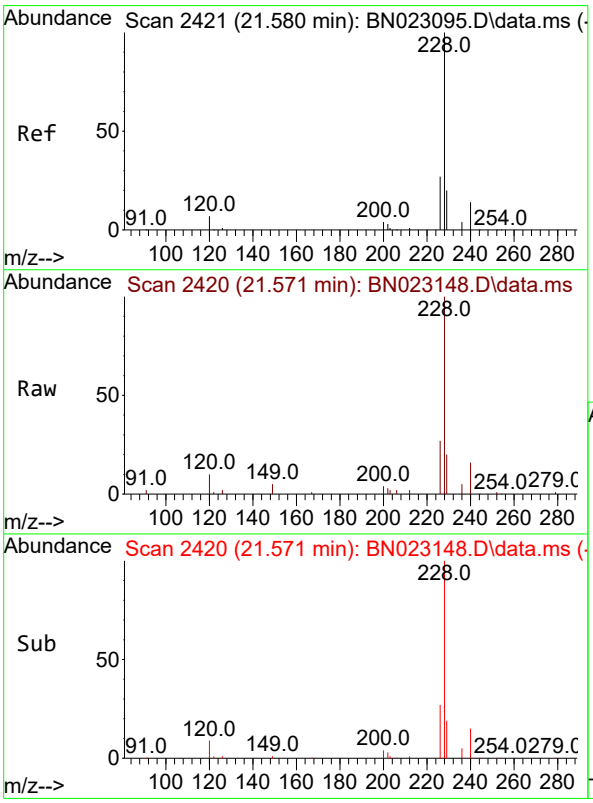
#31
Terphenyl-d14
Concen: 0.350 ng
RT: 20.022 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

Instrument :
BNA_N
ClientSampleId :
PB149552BS

Tgt Ion:244 Resp: 13422

Ion	Ratio	Lower	Upper
244	100		
212	10.2	7.6	11.4
122	19.5	12.6	18.8#

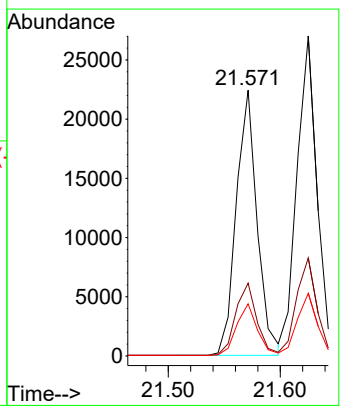


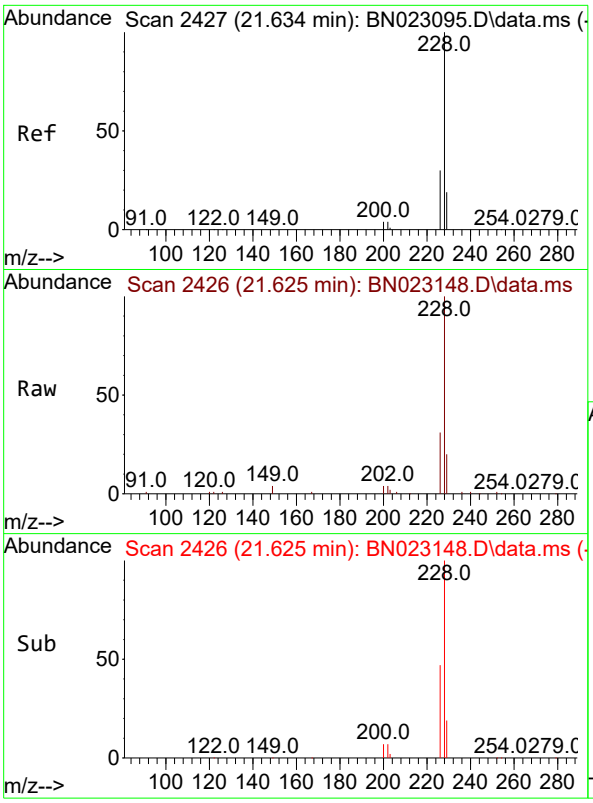


#32
Benzo(a)anthracene
Concen: 0.382 ng
RT: 21.571 min Scan# 2420
Delta R.T. -0.000 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

Tgt Ion:228 Resp: 29117

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.0	33.0
229	19.6	15.8	23.8



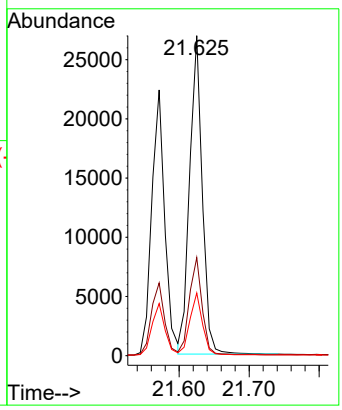


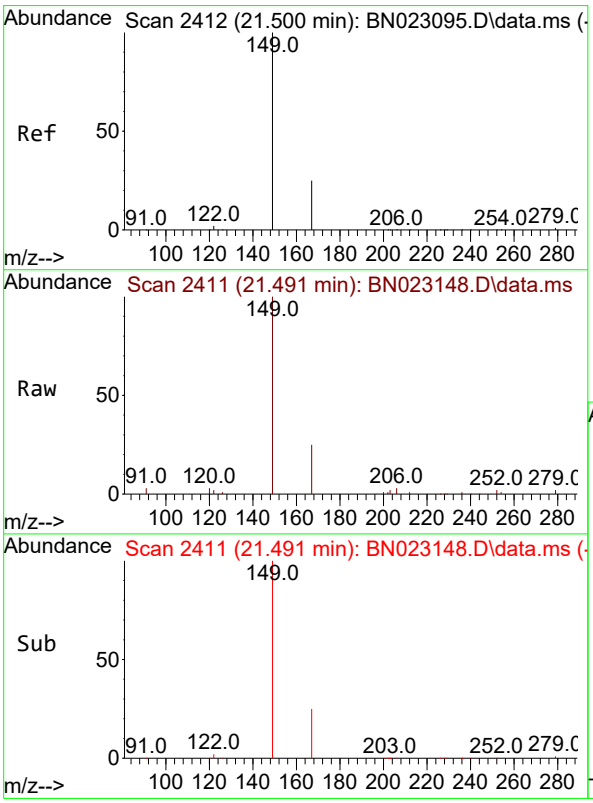
#33
Chrysene
Concen: 0.395 ng
RT: 21.625 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

Instrument :
BNA_N
ClientSampleId :
PB149552BS

Tgt Ion:228 Resp: 33816

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.4	36.6
229	19.6	15.6	23.4

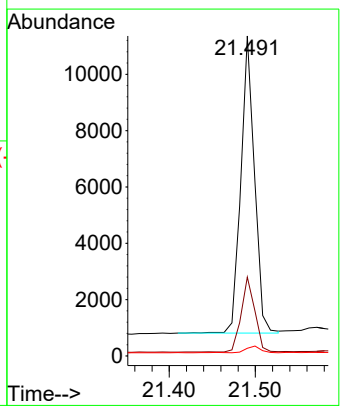


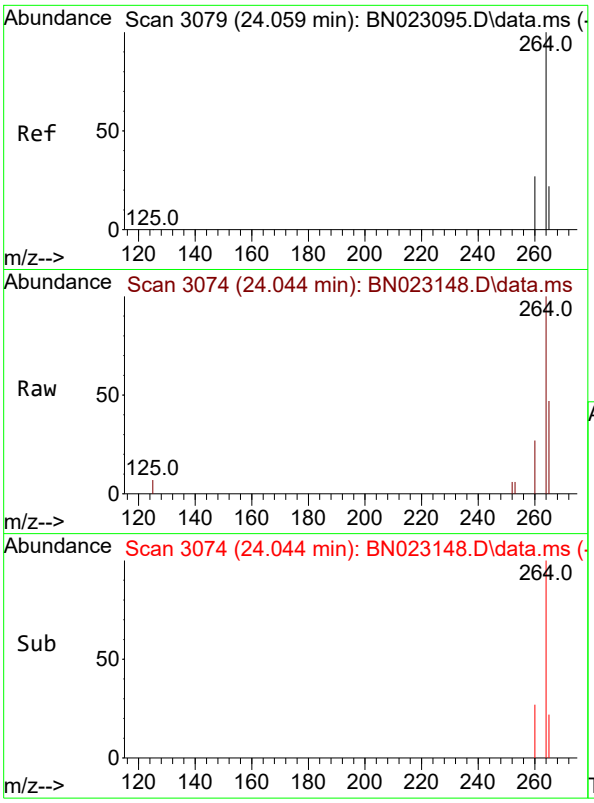


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.361 ng
RT: 21.491 min Scan# 2411
Delta R.T. -0.000 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

Tgt Ion:149 Resp: 11633

Ion	Ratio	Lower	Upper
149	100		
167	25.5	20.2	30.2
279	2.4	2.3	3.5



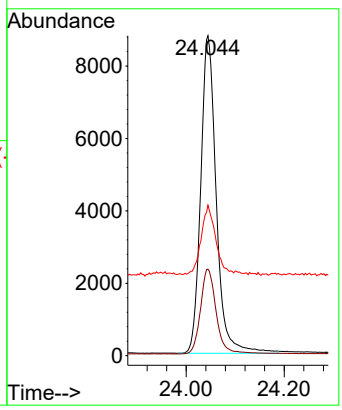


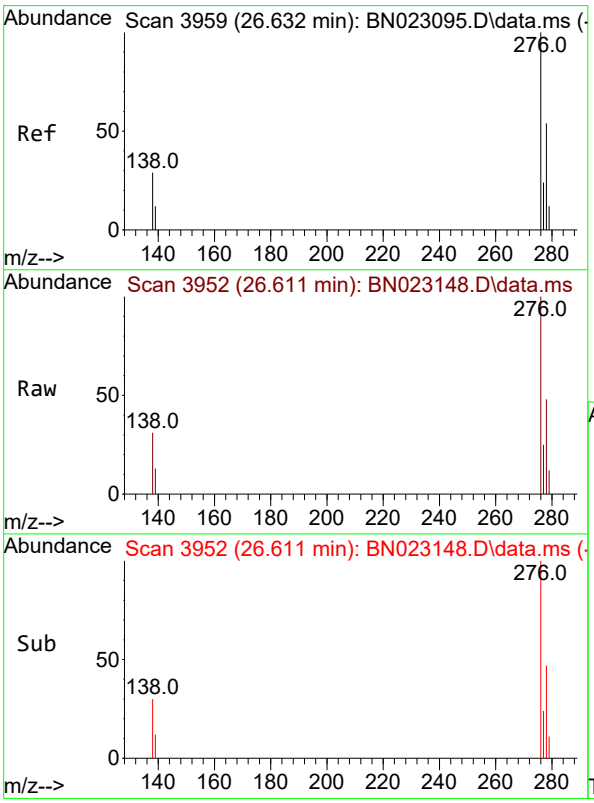
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.044 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

Instrument :
BNA_N
ClientSampleId :
PB149552BS

Tgt Ion:264 Resp: 19376

Ion	Ratio	Lower	Upper
264	100		
260	27.1	21.7	32.5
265	47.0	43.2	64.8

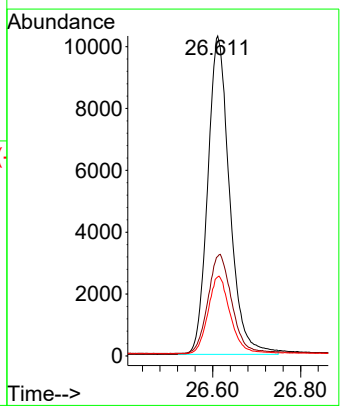


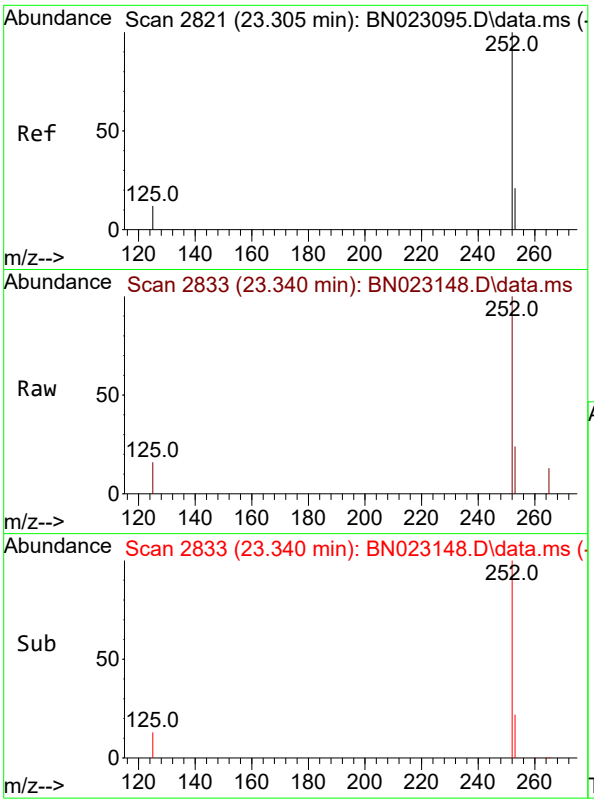


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.409 ng
RT: 26.611 min Scan# 3952
Delta R.T. -0.006 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

Tgt Ion:276 Resp: 35534

Ion	Ratio	Lower	Upper
276	100		
138	33.6	25.0	37.6
277	24.8	19.8	29.8



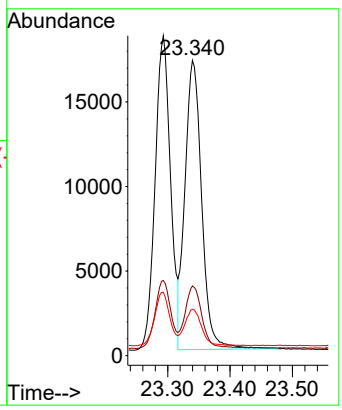


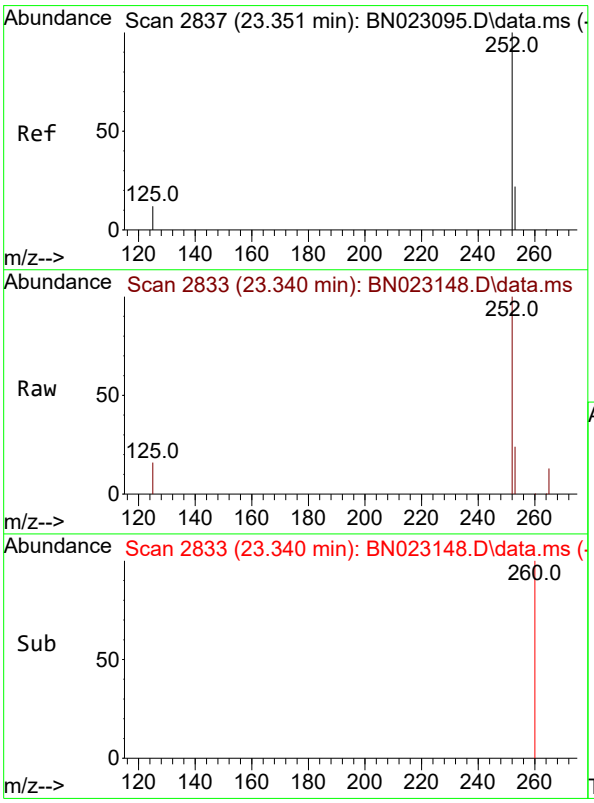
#37
Benzo(b)fluoranthene
Concen: 0.397 ng
RT: 23.340 min Scan# 2
Delta R.T. 0.044 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

Instrument :
BNA_N
ClientSampleId :
PB149552BS

Tgt Ion:252 Resp: 31850

Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.0	28.4
125	15.7	12.8	19.2

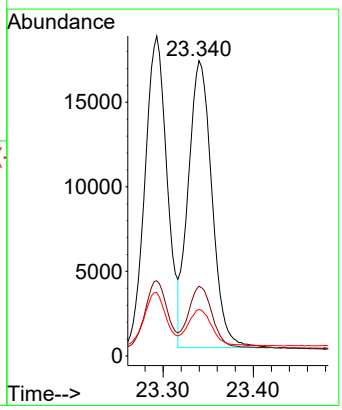


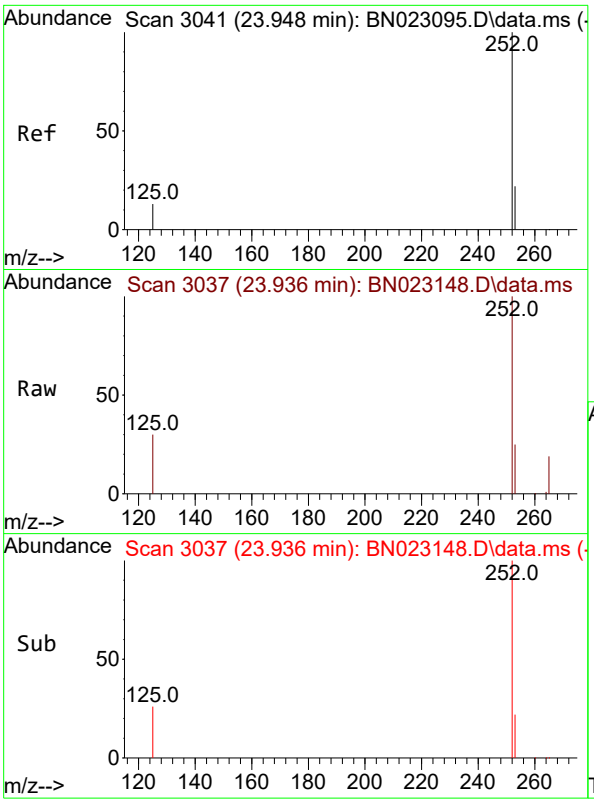


#38
Benzo(k)fluoranthene
Concen: 0.379 ng
RT: 23.340 min Scan# 2833
Delta R.T. -0.006 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

Tgt Ion:252 Resp: 30926

Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.1	28.7
125	15.7	12.5	18.7



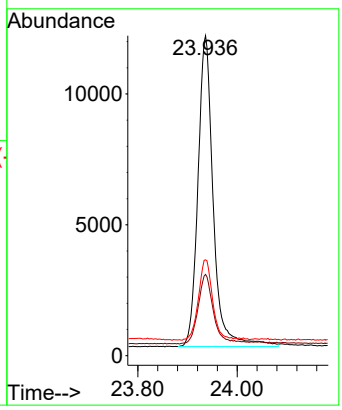


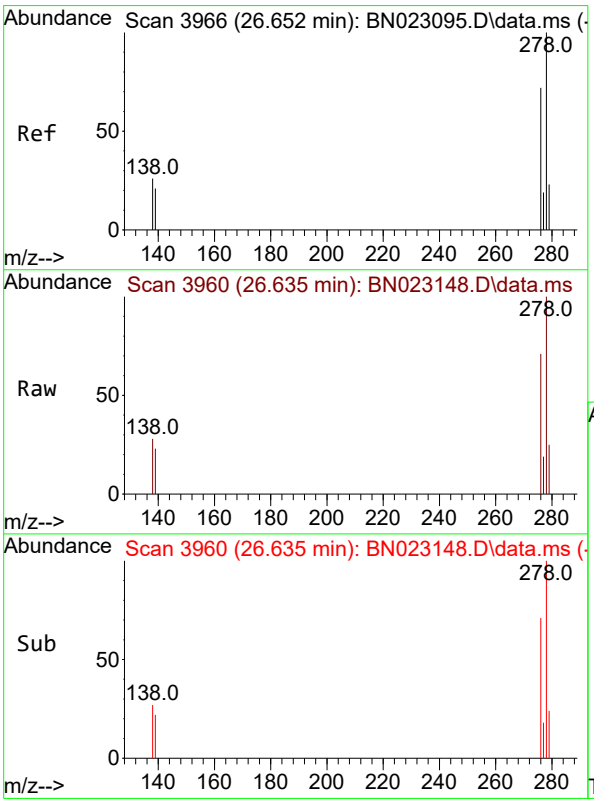
#39
Benzo(a)pyrene
Concen: 0.422 ng
RT: 23.936 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

Instrument :
BNA_N
ClientSampleId :
PB149552BS

Tgt Ion:252 Resp: 25411

Ion	Ratio	Lower	Upper
252	100		
253	25.4	20.6	30.8
125	30.0	15.8	23.8#

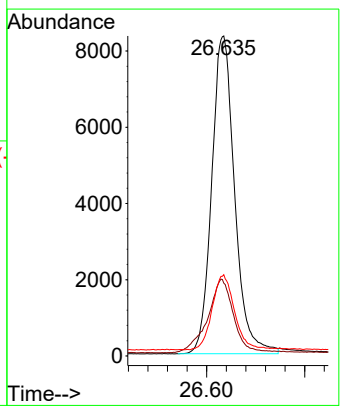


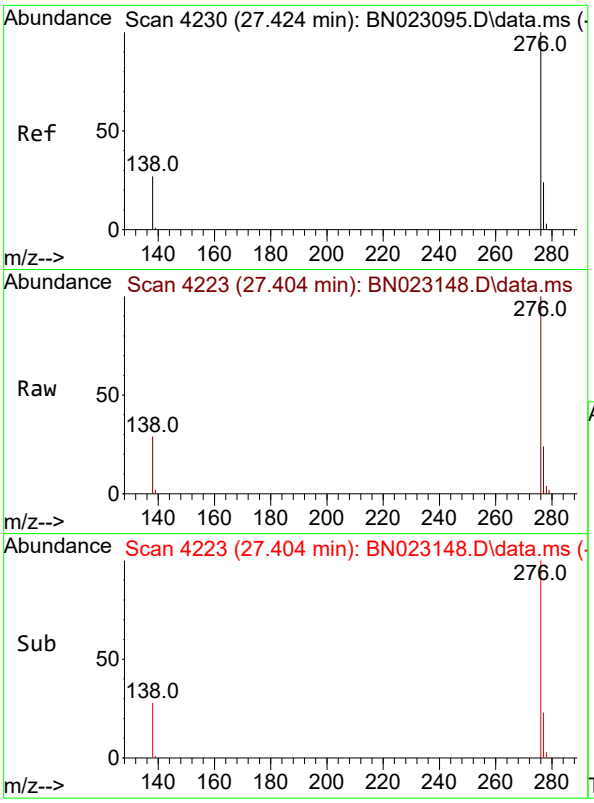


#40
Dibenzo(a,h)anthracene
Concen: 0.389 ng
RT: 26.635 min Scan# 3960
Delta R.T. -0.003 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

Tgt Ion:278 Resp: 27135

Ion	Ratio	Lower	Upper
278	100		
139	22.8	17.5	26.3
279	25.4	20.5	30.7





#41
Benzo(g,h,i)perylene
Concen: 0.363 ng
RT: 27.404 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN023148.D
Acq: 13 Dec 2022 00:45

Instrument :
BNA_N
ClientSampleId :
PB149552BS

Tgt Ion:276 Resp: 27001

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.9	29.9
138	28.7	22.2	33.2