Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022624\
Data File : BN030070.D
Acq On : 26 Feb 2024 23:38
Operator : MA/JU
Sample : PB159269BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB159269BS

Quant Time: Feb 27 00:33:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 02:39:45 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	5185	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	13386	0.400	ng	0.00
13) Acenaphthene-d10	14.490	164	5761	0.400	ng	0.00
19) Phenanthrene-d10	17.255	188	10357	0.400	ng	0.00
29) Chrysene-d12	21.456	240	6284	0.400	ng	0.00
35) Perylene-d12	23.820	264	5889	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	4658	0.374	ng	0.00
5) Phenol-d6	7.024	99	5272	0.367	ng	0.00
8) Nitrobenzene-d5	9.014	82	4681	0.420	ng	0.00
11) 2-Methylnaphthalene-d10	12.242	152	9238	0.507	ng	0.00
14) 2,4,6-Tribromophenol	16.002	330	616	0.333	ng	0.00
15) 2-Fluorobiphenyl	13.121	172	10177	0.411	ng	0.00
27) Fluoranthene-d10	19.294	212	9233	0.368	ng	0.00
31) Terphenyl-d14	19.903	244	7620	0.489	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	1919	0.263	ng	# 38
3) n-Nitrosodimethylamine	3.687	42	2562	0.431	ng	# 96
6) bis(2-Chloroethyl)ether	7.291	93	5659	0.413	ng	99
9) Naphthalene	10.701	128	14583	0.382	ng	100
10) Hexachlorobutadiene	10.968	225	2841	0.393	ng	# 98
12) 2-Methylnaphthalene	12.318	142	8587	0.383	ng	99
16) Acenaphthylene	14.212	152	10556	0.386	ng	100
17) Acenaphthene	14.554	154	6958	0.379	ng	99
18) Fluorene	15.542	166	8259	0.359	ng	99
20) 4,6-Dinitro-2-methylph...	15.666	198	335	0.220	ng	# 59
21) 4-Bromophenyl-phenylether	16.448	248	2145	0.348	ng	94
22) Hexachlorobenzene	16.548	284	3117	0.412	ng	93
23) Atrazine	16.734	200	1659	0.379	ng	96
24) Pentachlorophenol	16.908	266	1644	0.686	ng	98
25) Phenanthrene	17.293	178	11173	0.365	ng	99
26) Anthracene	17.392	178	9670	0.370	ng	99
28) Fluoranthene	19.322	202	11993	0.348	ng	98
30) Pyrene	19.684	202	11995	0.415	ng	100
32) Benzo(a)anthracene	21.447	228	7883	0.367	ng	99
33) Chrysene	21.492	228	9879	0.405	ng	99
34) Bis(2-ethylhexyl)phtha...	21.375	149	4998	0.342	ng	98
36) Indeno(1,2,3-cd)pyrene	26.279	276	9400	0.397	ng	92
37) Benzo(b)fluoranthene	23.101	252	8247	0.392	ng	97
38) Benzo(k)fluoranthene	23.151	252	8846	0.401	ng	96
39) Benzo(a)pyrene	23.721	252	7823	0.426	ng	92
40) Dibenzo(a,h)anthracene	26.314	278	7512	0.398	ng	96
41) Benzo(g,h,i)perylene	27.010	276	9221	0.402	ng	98

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

Quantitation Report (Not Reviewed)

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Acq On : 26 Feb 2024 23:38
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Instrument :
BNA_N
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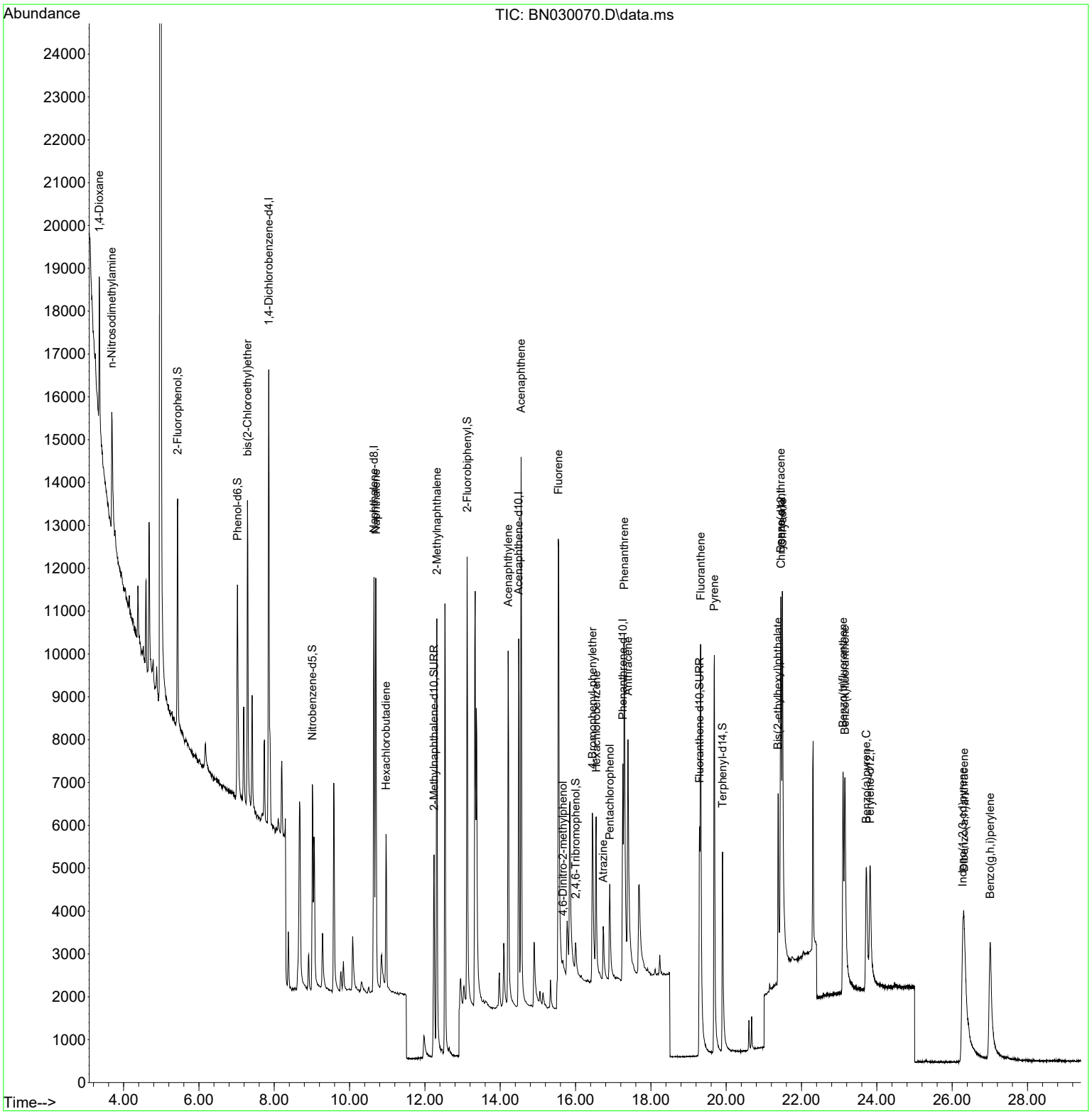
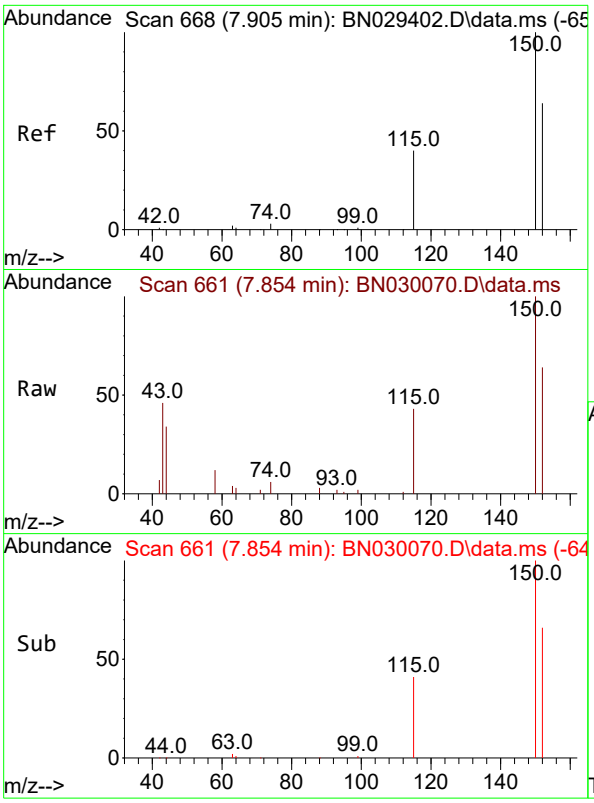
PB159269BS

Quant Time: Feb 27 00:33:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 02:39:45 2024
Response via : Initial Calibration



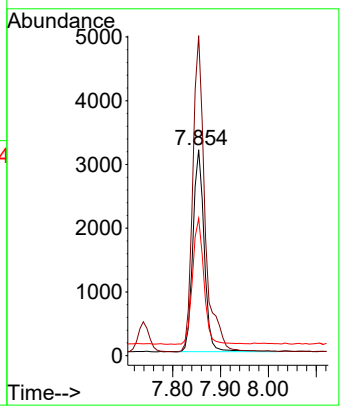


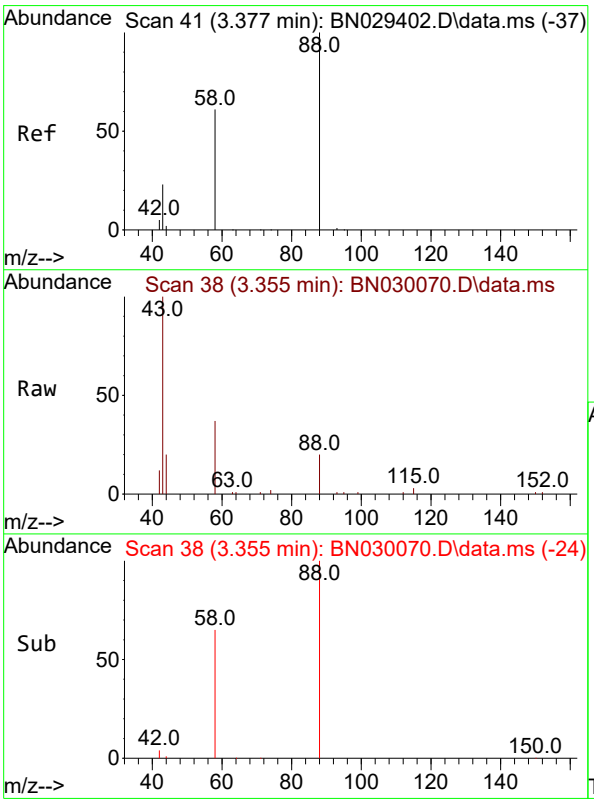
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN030070.D
Acq: 26 Feb 2024 23:38

Instrument :
BNA_N
ClientSampleId :
PB159269BS

Tgt Ion:152 Resp: 5185

Ion	Ratio	Lower	Upper
152	100		
150	155.4	123.0	184.4
115	66.6	51.4	77.0

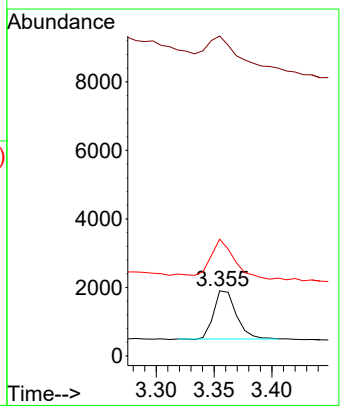


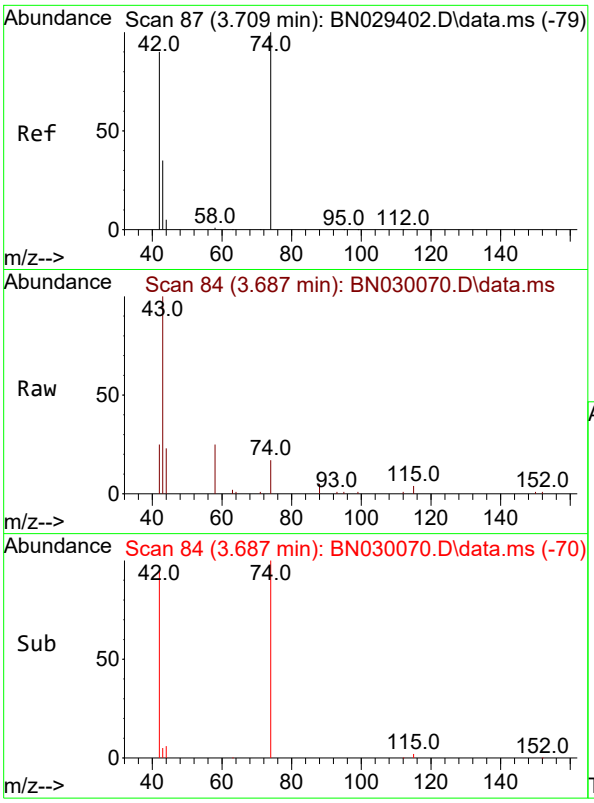


#2
1,4-Dioxane
Concen: 0.263 ng
RT: 3.355 min Scan# 38
Delta R.T. -0.000 min
Lab File: BN030070.D
Acq: 26 Feb 2024 23:38

Tgt Ion: 88 Resp: 1919

Ion	Ratio	Lower	Upper
88	100		
43	103.6	23.3	34.9#
58	89.9	53.8	80.6#



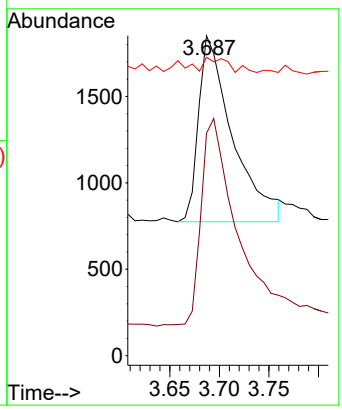


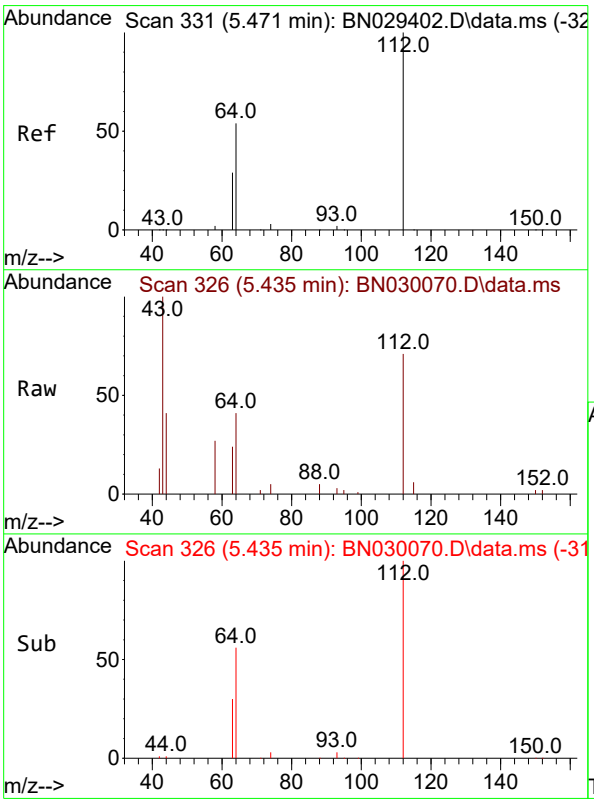
#3
n-Nitrosodimethylamine
Concen: 0.431 ng
RT: 3.687 min Scan# 84
Delta R.T. -0.000 min
Lab File: BN030070.D
Acq: 26 Feb 2024 23:38

Instrument :
BNA_N
ClientSampleId :
PB159269BS

Tgt Ion: 42 Resp: 2562

Ion	Ratio	Lower	Upper
42	100		
74	118.4	93.7	140.5
44	5.8	13.0	19.4#

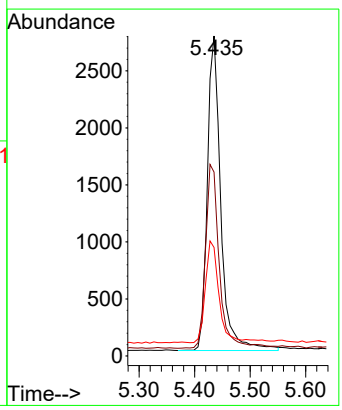


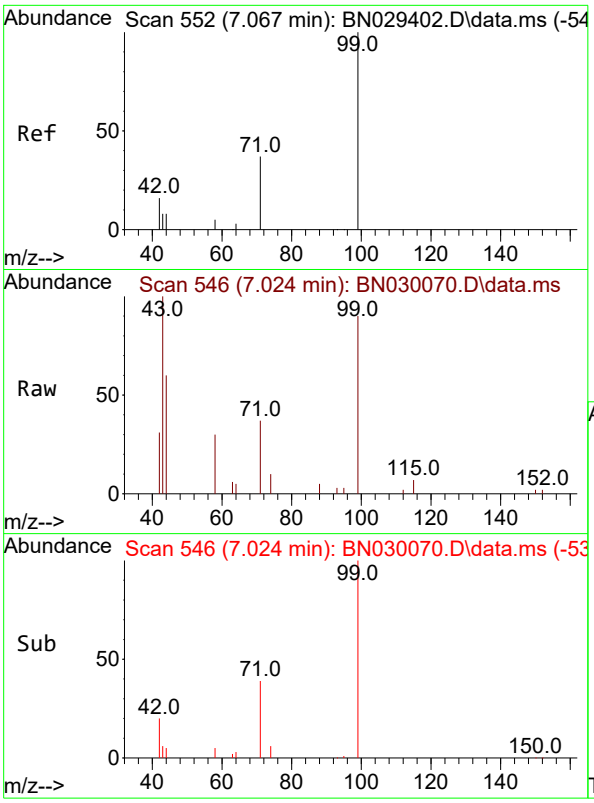


#4
2-Fluorophenol
Concen: 0.374 ng
RT: 5.435 min Scan# 326
Delta R.T. 0.007 min
Lab File: BN030070.D
Acq: 26 Feb 2024 23:38

Tgt Ion:112 Resp: 4658

Ion	Ratio	Lower	Upper
112	100		
64	58.5	47.2	70.8
63	32.0	25.8	38.6



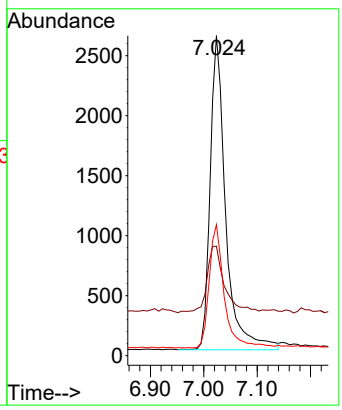


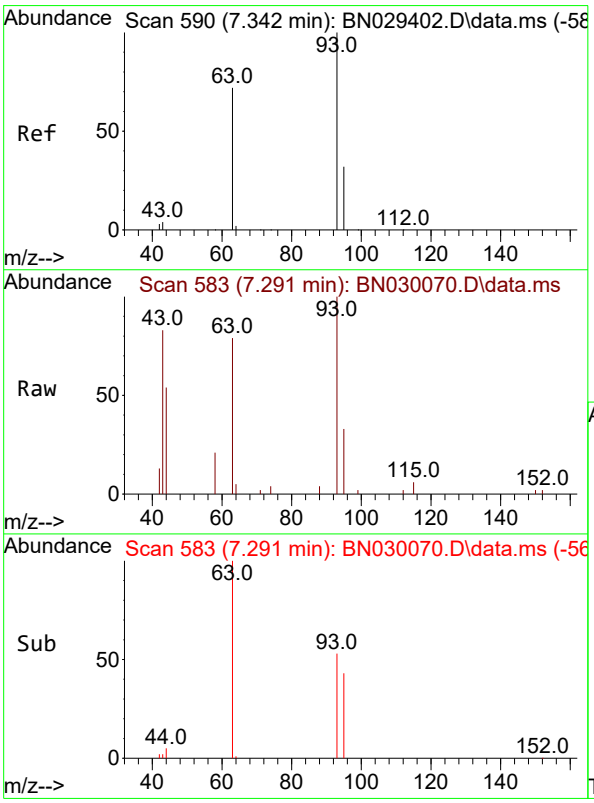
#5
Phenol-d6
Concen: 0.367 ng
RT: 7.024 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN030070.D
Acq: 26 Feb 2024 23:38

Instrument :
BNA_N
ClientSampleId :
PB159269BS

Tgt Ion: 99 Resp: 5272

Ion	Ratio	Lower	Upper
99	100		
42	24.1	16.9	25.3
71	38.0	30.0	45.0

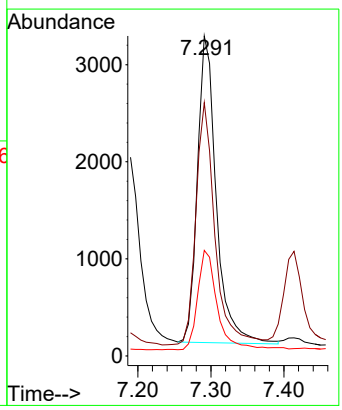


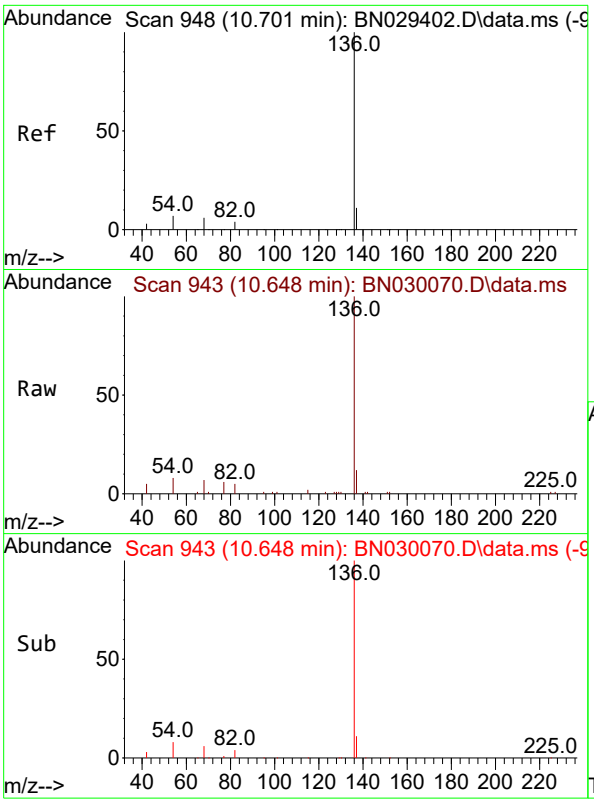


#6
bis(2-Chloroethyl)ether
Concen: 0.413 ng
RT: 7.291 min Scan# 583
Delta R.T. -0.000 min
Lab File: BN030070.D
Acq: 26 Feb 2024 23:38

Tgt Ion: 93 Resp: 5659

Ion	Ratio	Lower	Upper
93	100		
63	79.5	63.1	94.7
95	34.2	27.1	40.7



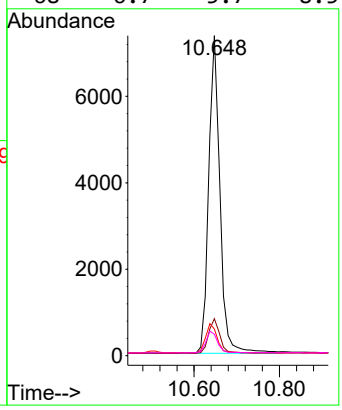


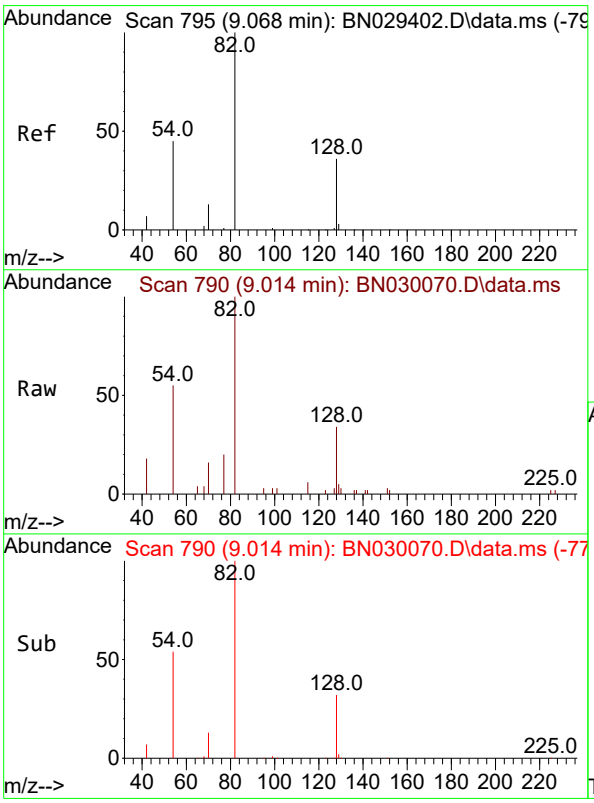
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN030070.D
Acq: 26 Feb 2024 23:38

Instrument :
BNA_N
ClientSampleId :
PB159269BS

Tgt Ion:136 Resp: 13386

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.7	14.5
54	8.3	6.6	10.0
68	6.7	5.7	8.5

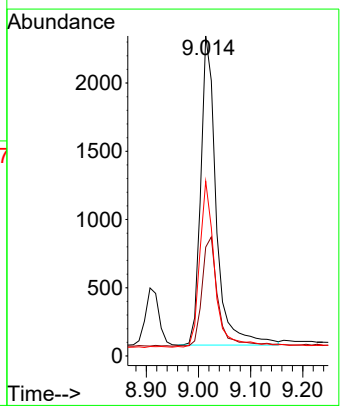


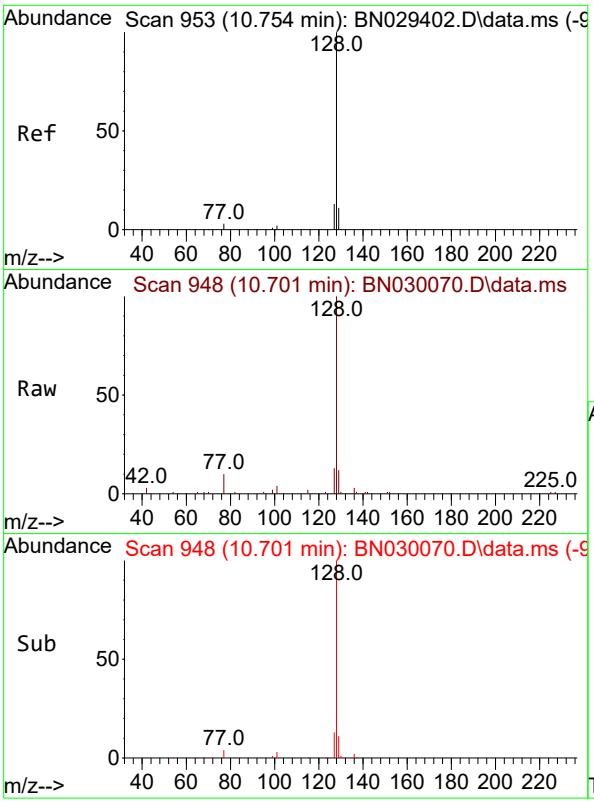


#8
Nitrobenzene-d5
Concen: 0.420 ng
RT: 9.014 min Scan# 790
Delta R.T. -0.000 min
Lab File: BN030070.D
Acq: 26 Feb 2024 23:38

Tgt Ion: 82 Resp: 4681

Ion	Ratio	Lower	Upper
82	100		
128	34.0	31.6	47.4
54	54.6	38.2	57.4



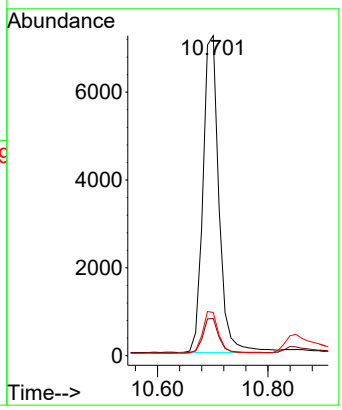


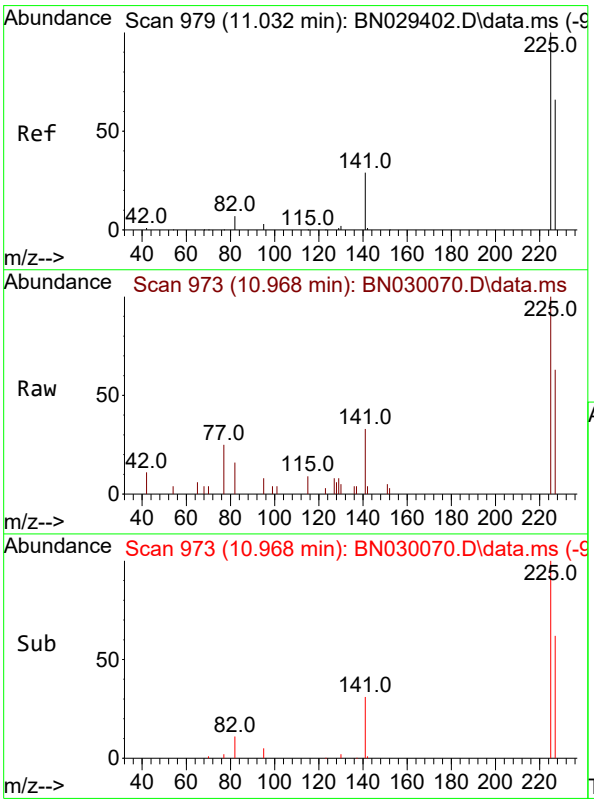
#9
Naphthalene
Concen: 0.382 ng
RT: 10.701 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN030070.D
Acq: 26 Feb 2024 23:38

Instrument :
BNA_N
ClientSampleId :
PB159269BS

Tgt Ion:128 Resp: 14583

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.5	14.3
127	13.5	10.8	16.2

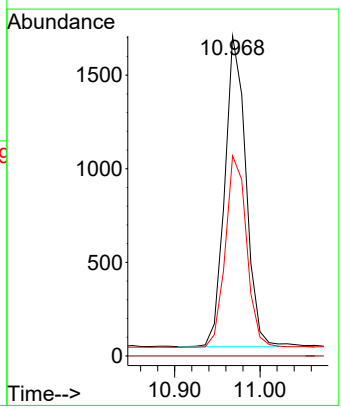


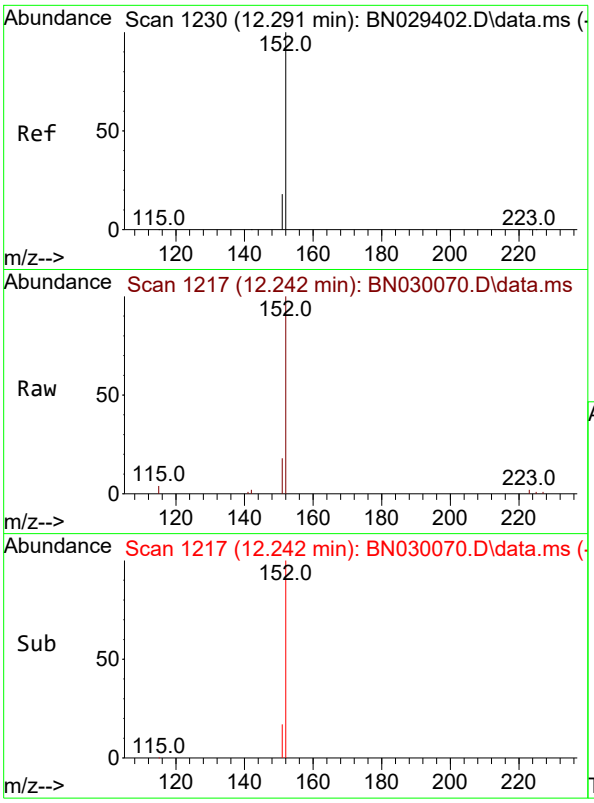


#10
Hexachlorobutadiene
Concen: 0.393 ng
RT: 10.968 min Scan# 973
Delta R.T. -0.011 min
Lab File: BN030070.D
Acq: 26 Feb 2024 23:38

Tgt Ion:225 Resp: 2841

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.4	51.1	76.7



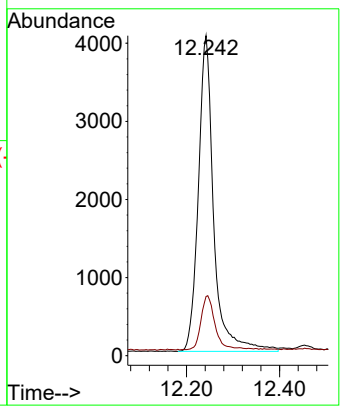


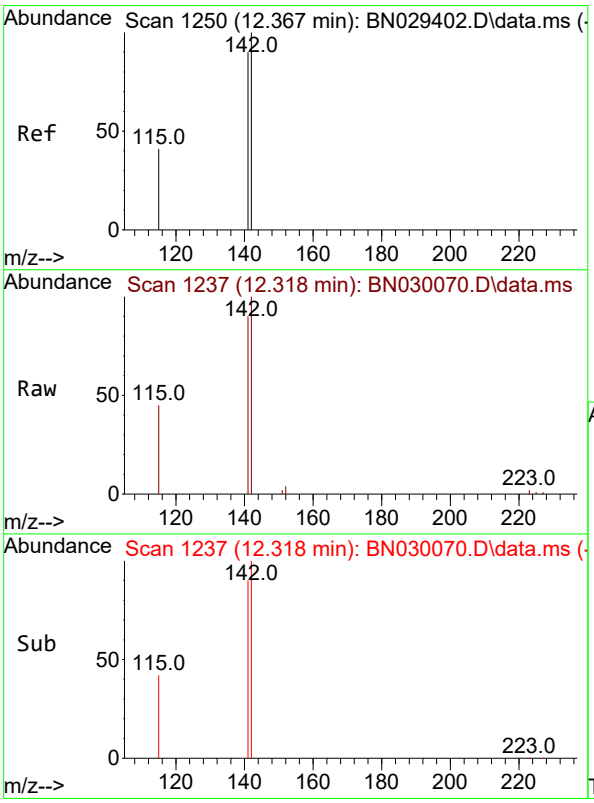
#11
2-Methylnaphthalene-d10
Concen: 0.507 ng
RT: 12.242 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN030070.D
Acq: 26 Feb 2024 23:38

Instrument :
BNA_N
ClientSampleId :
PB159269BS

Tgt Ion:152 Resp: 9238

Ion	Ratio	Lower	Upper
152	100		
151	15.6	17.1	25.7#

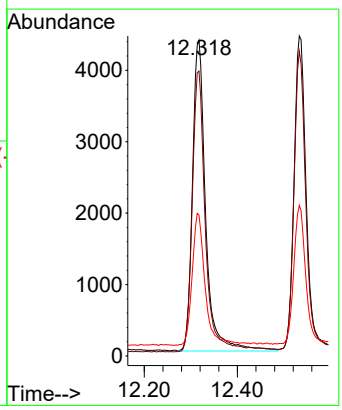


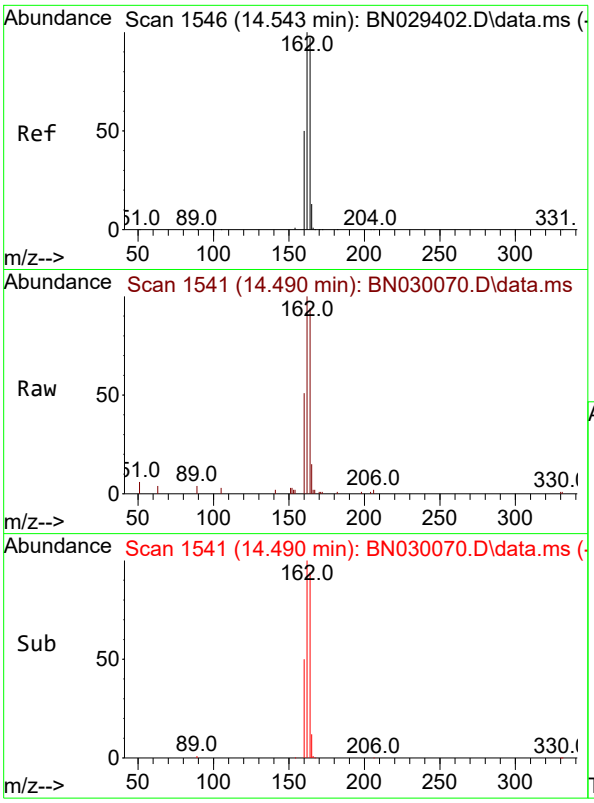


#12
2-Methylnaphthalene
Concen: 0.383 ng
RT: 12.318 min Scan# 1237
Delta R.T. -0.000 min
Lab File: BN030070.D
Acq: 26 Feb 2024 23:38

Tgt Ion:142 Resp: 8587

Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.9	107.9
115	44.6	33.9	50.9



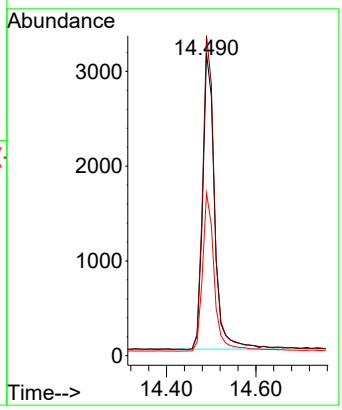


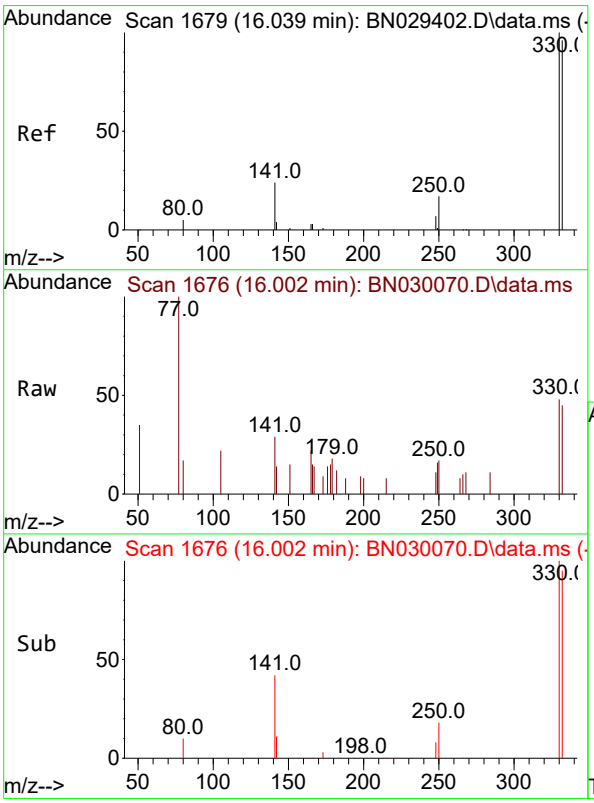
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.490 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030070.D
Acq: 26 Feb 2024 23:38

Instrument :
BNA_N
ClientSampleId :
PB159269BS

Tgt Ion:164 Resp: 5761

Ion	Ratio	Lower	Upper
164	100		
162	105.8	82.6	123.8
160	53.8	41.5	62.3

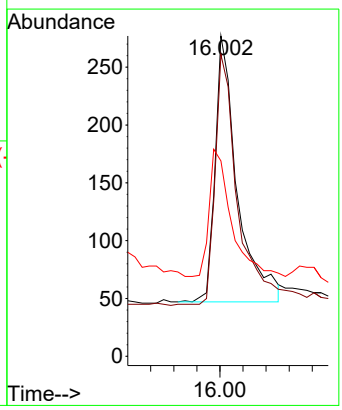


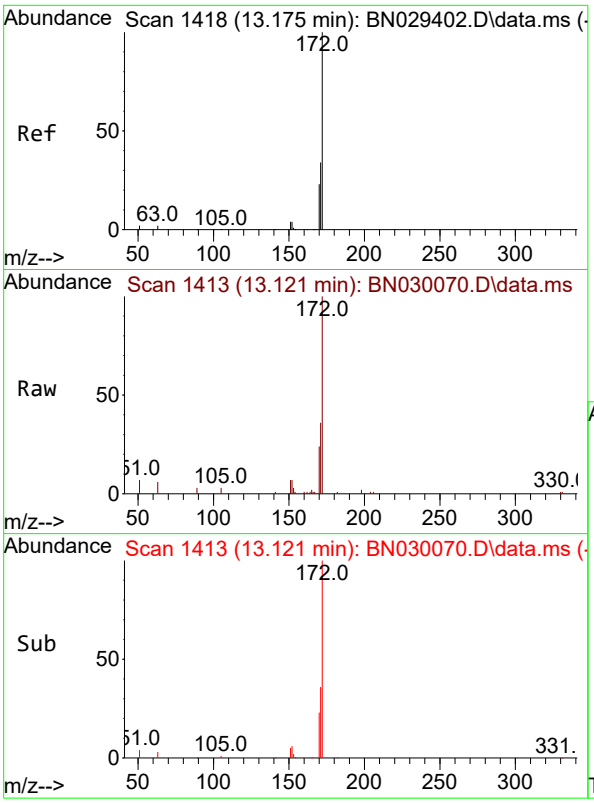


#14
2,4,6-Tribromophenol
Concen: 0.333 ng
RT: 16.002 min Scan# 1676
Delta R.T. -0.000 min
Lab File: BN030070.D
Acq: 26 Feb 2024 23:38

Tgt Ion:330 Resp: 616

Ion	Ratio	Lower	Upper
330	100		
332	93.5	76.0	114.0
141	47.1	43.4	65.2



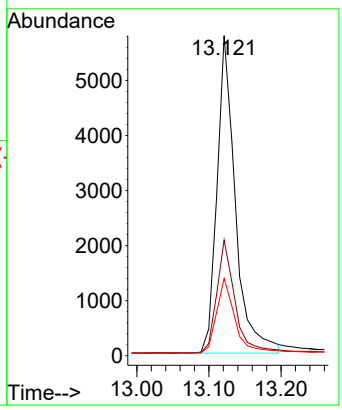


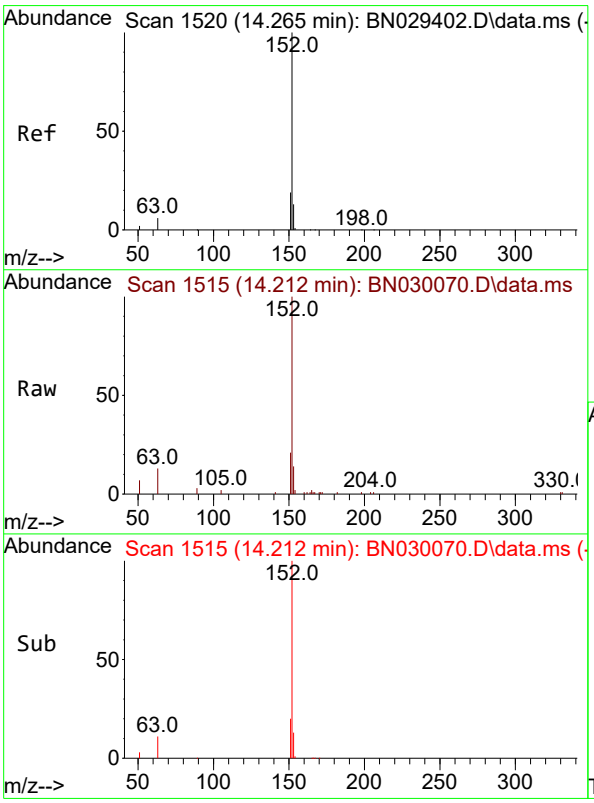
#15
2-Fluorobiphenyl
Concen: 0.411 ng
RT: 13.121 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN030070.D
Acq: 26 Feb 2024 23:38

Instrument :
BNA_N
ClientSampleId :
PB159269BS

Tgt Ion:172 Resp: 10177

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.0	42.0
170	24.1	18.7	28.1

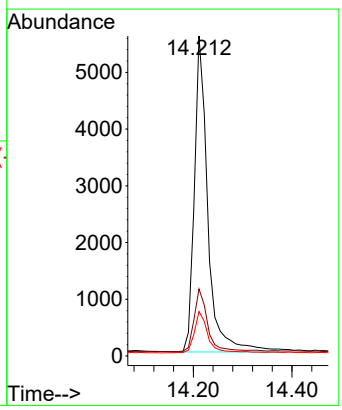


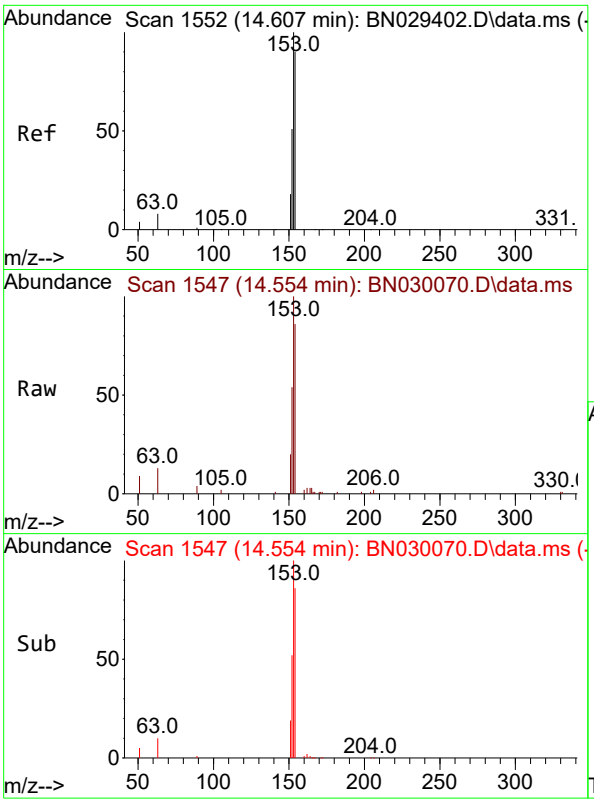


#16
Acenaphthylene
Concen: 0.386 ng
RT: 14.212 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BN030070.D
Acq: 26 Feb 2024 23:38

Tgt Ion:152 Resp: 10556

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.9	23.9
153	13.2	10.5	15.7



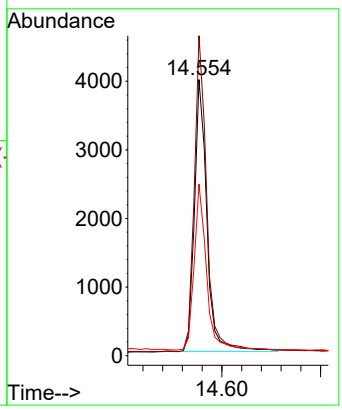


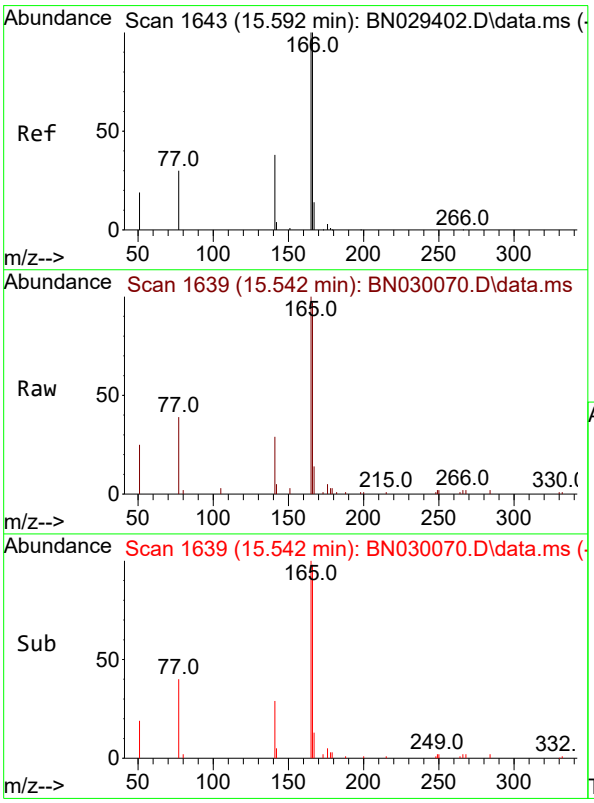
#17
Acenaphthene
Concen: 0.379 ng
RT: 14.554 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030070.D
Acq: 26 Feb 2024 23:38

Instrument :
BNA_N
ClientSampleId :
PB159269BS

Tgt Ion:154 Resp: 6958

Ion	Ratio	Lower	Upper
154	100		
153	116.7	93.6	140.4
152	60.1	48.6	73.0

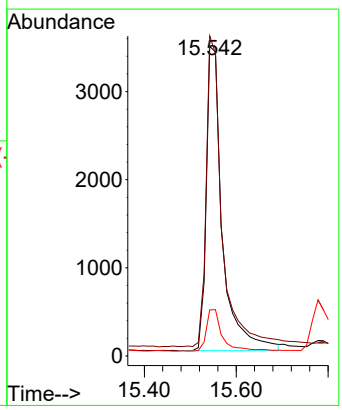


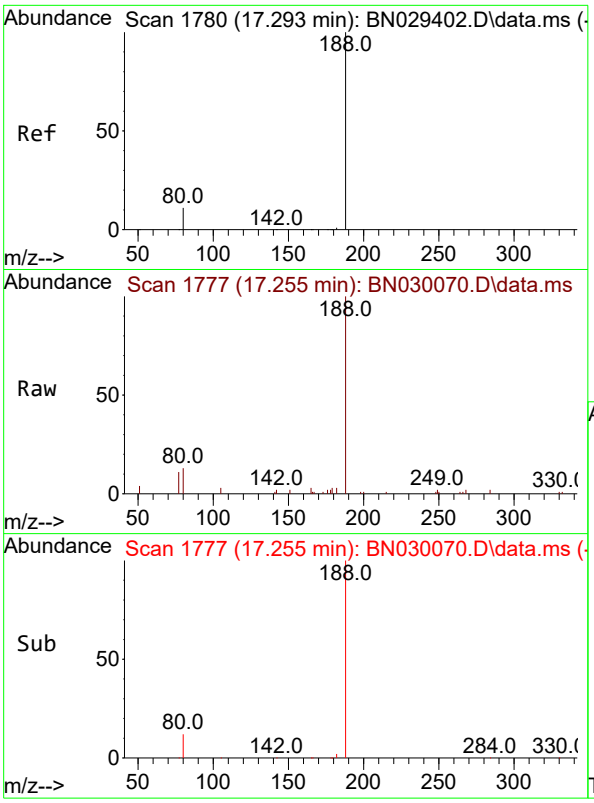


#18
Fluorene
Concen: 0.359 ng
RT: 15.542 min Scan# 1639
Delta R.T. -0.000 min
Lab File: BN030070.D
Acq: 26 Feb 2024 23:38

Tgt Ion:166 Resp: 8259

Ion	Ratio	Lower	Upper
166	100		
165	100.4	79.9	119.9
167	13.4	11.3	16.9



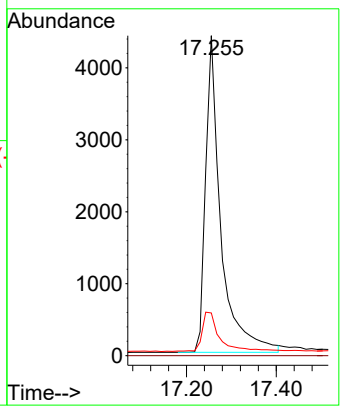


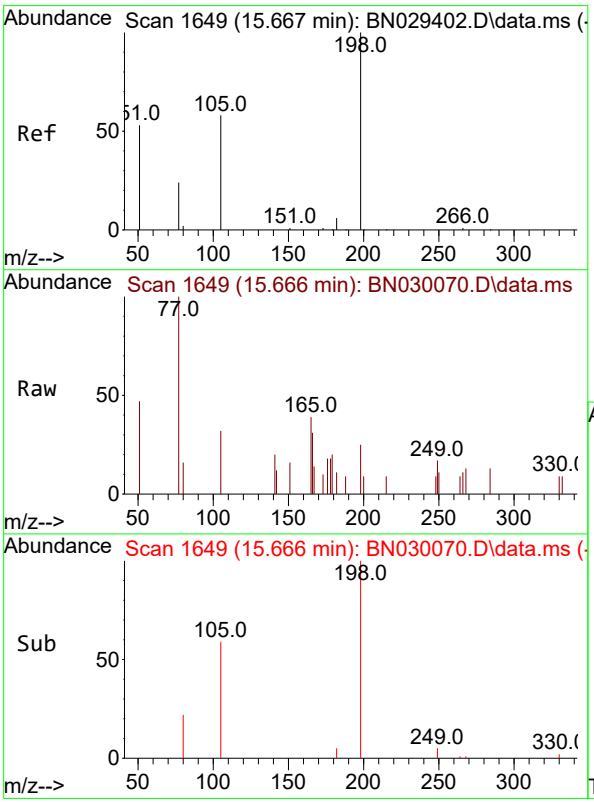
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.255 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030070.D
Acq: 26 Feb 2024 23:38

Instrument :
BNA_N
ClientSampleId :
PB159269BS

Tgt Ion:188 Resp: 10357

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.4	10.0	15.0

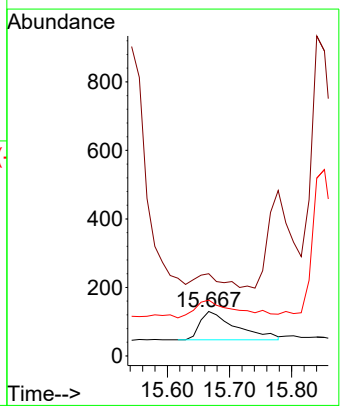


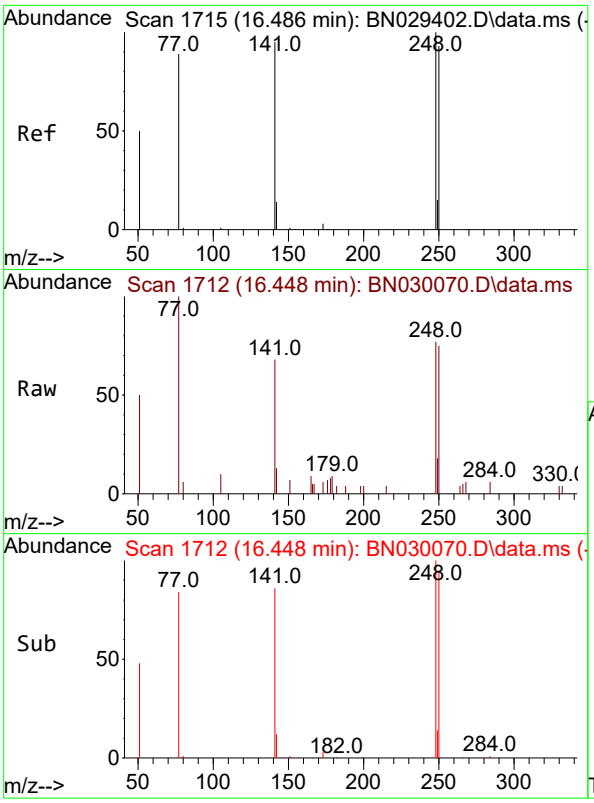


#20
4,6-Dinitro-2-methylphenol
Concen: 0.220 ng
RT: 15.666 min Scan# 1649
Delta R.T. 0.012 min
Lab File: BN030070.D
Acq: 26 Feb 2024 23:38

Tgt Ion:198 Resp: 335

Ion	Ratio	Lower	Upper
198	100		
51	184.6	111.0	166.6#
105	125.4	67.0	100.6#



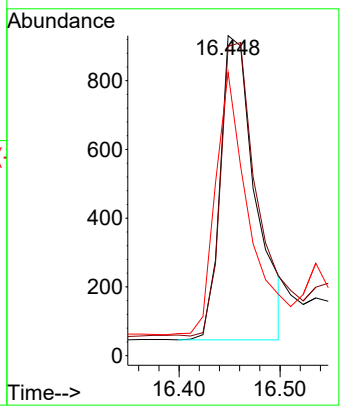


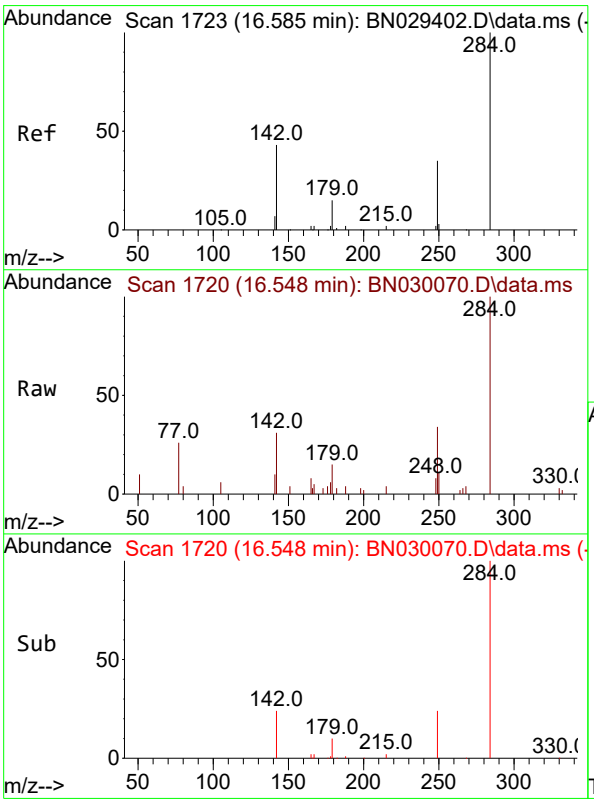
#21
4-Bromophenyl-phenylether
Concen: 0.348 ng
RT: 16.448 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030070.D
Acq: 26 Feb 2024 23:38

Instrument :
BNA_N
ClientSampleId :
PB159269BS

Tgt Ion:248 Resp: 2145

Ion	Ratio	Lower	Upper
248	100		
250	96.7	75.0	112.4
141	88.5	77.0	115.6

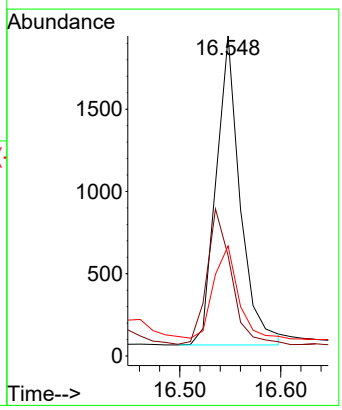


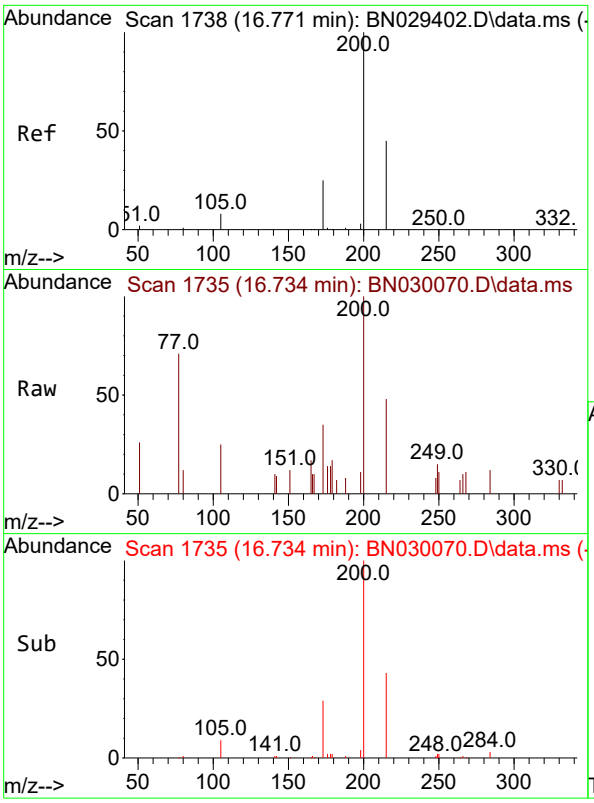


#22
Hexachlorobenzene
Concen: 0.412 ng
RT: 16.548 min Scan# 1720
Delta R.T. -0.000 min
Lab File: BN030070.D
Acq: 26 Feb 2024 23:38

Tgt Ion:284 Resp: 3117

Ion	Ratio	Lower	Upper
284	100		
142	44.2	39.4	59.2
249	30.2	26.9	40.3



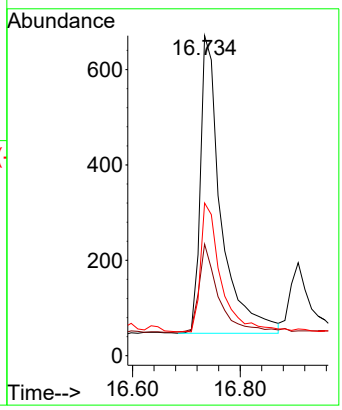


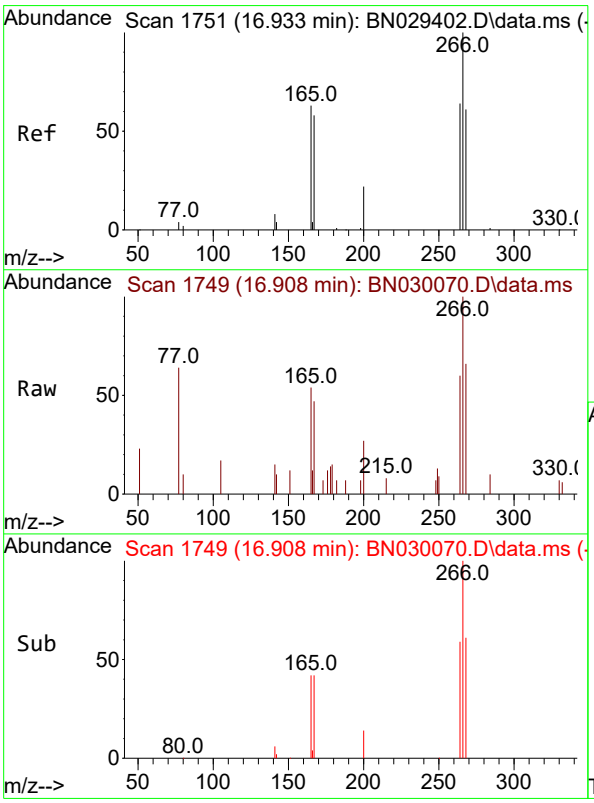
#23
Atrazine
Concen: 0.379 ng
RT: 16.734 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030070.D
Acq: 26 Feb 2024 23:38

Instrument :
BNA_N
ClientSampleId :
PB159269BS

Tgt Ion:200 Resp: 1659

Ion	Ratio	Lower	Upper
200	100		
173	34.9	23.4	35.0
215	47.7	38.4	57.6

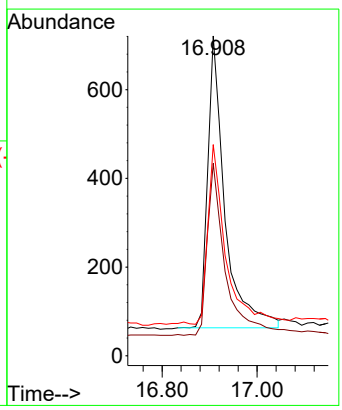


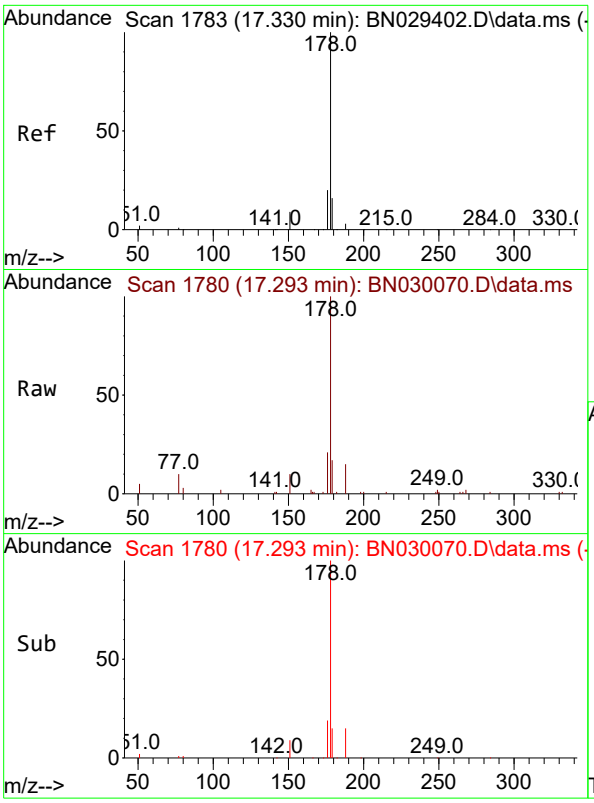


#24
Pentachlorophenol
Concen: 0.686 ng
RT: 16.908 min Scan# 1749
Delta R.T. -0.000 min
Lab File: BN030070.D
Acq: 26 Feb 2024 23:38

Tgt Ion:266 Resp: 1644

Ion	Ratio	Lower	Upper
266	100		
264	61.9	50.8	76.2
268	63.6	51.5	77.3



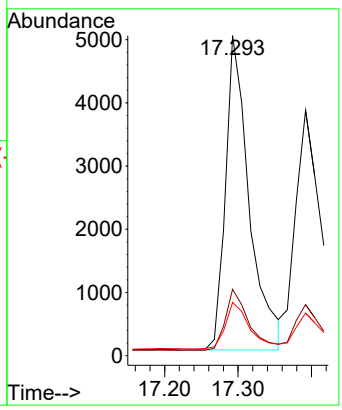


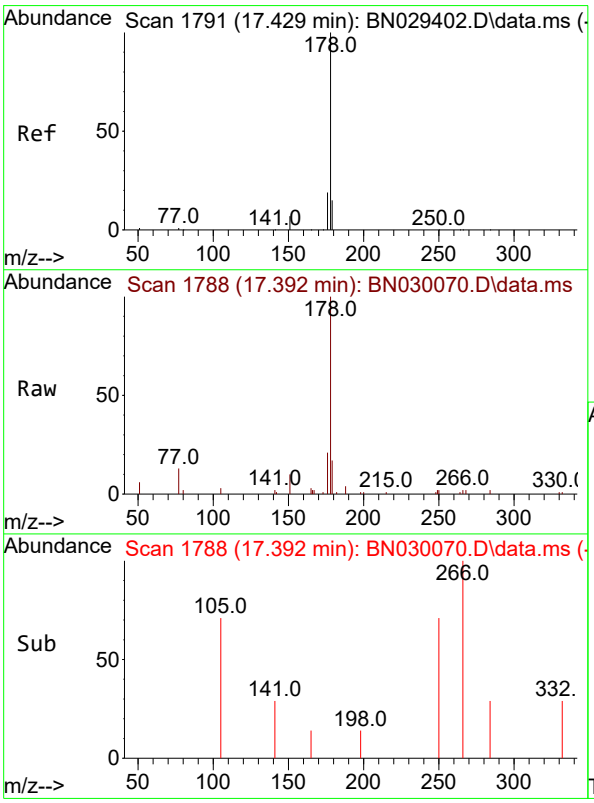
#25
Phenanthrene
Concen: 0.365 ng
RT: 17.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030070.D
Acq: 26 Feb 2024 23:38

Instrument :
BNA_N
ClientSampleId :
PB159269BS

Tgt Ion:178 Resp: 11173

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.6
179	15.3	12.6	19.0

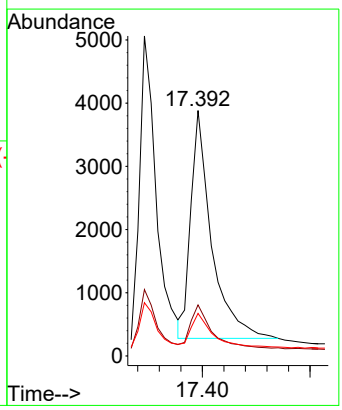


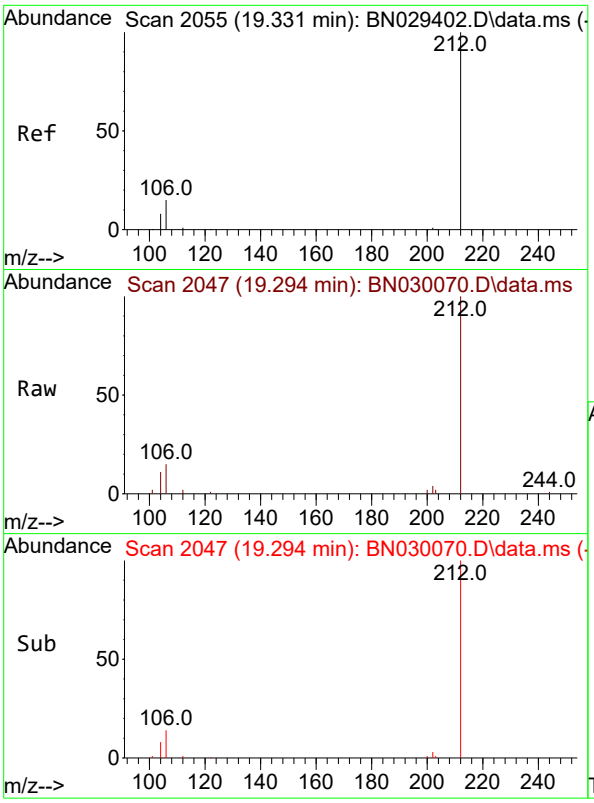


#26
Anthracene
Concen: 0.370 ng
RT: 17.392 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BN030070.D
Acq: 26 Feb 2024 23:38

Tgt Ion:178 Resp: 9670

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	14.7	12.3	18.5



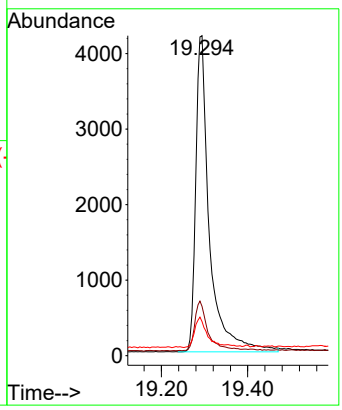


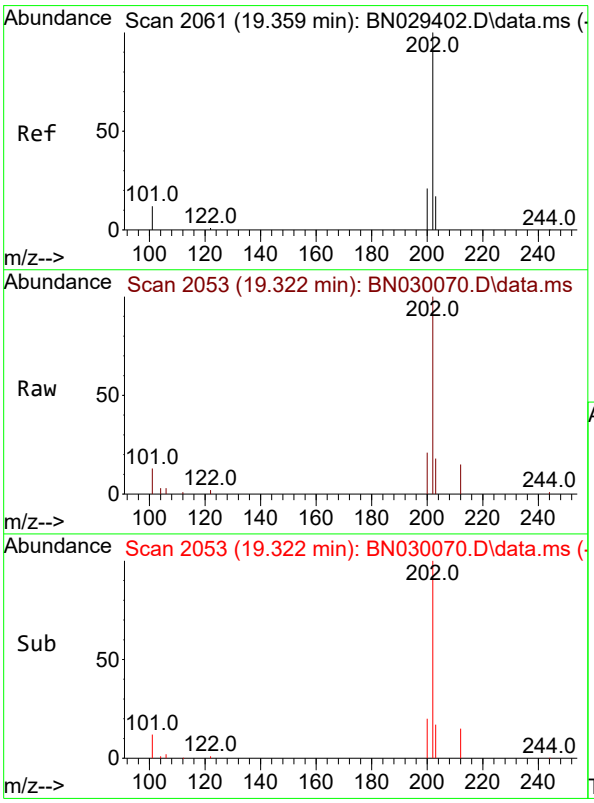
#27
Fluoranthene-d10
Concen: 0.368 ng
RT: 19.294 min Scan# 2
Delta R.T. 0.005 min
Lab File: BN030070.D
Acq: 26 Feb 2024 23:38

Instrument :
BNA_N
ClientSampleId :
PB159269BS

Tgt Ion:212 Resp: 9233

Ion	Ratio	Lower	Upper
212	100		
106	15.0	13.2	19.8
104	9.3	7.7	11.5

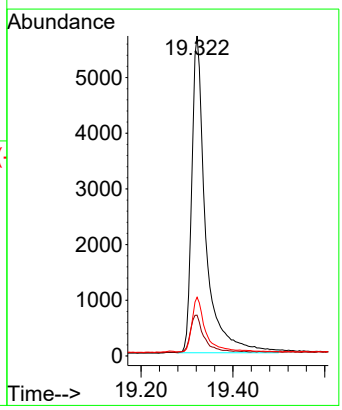


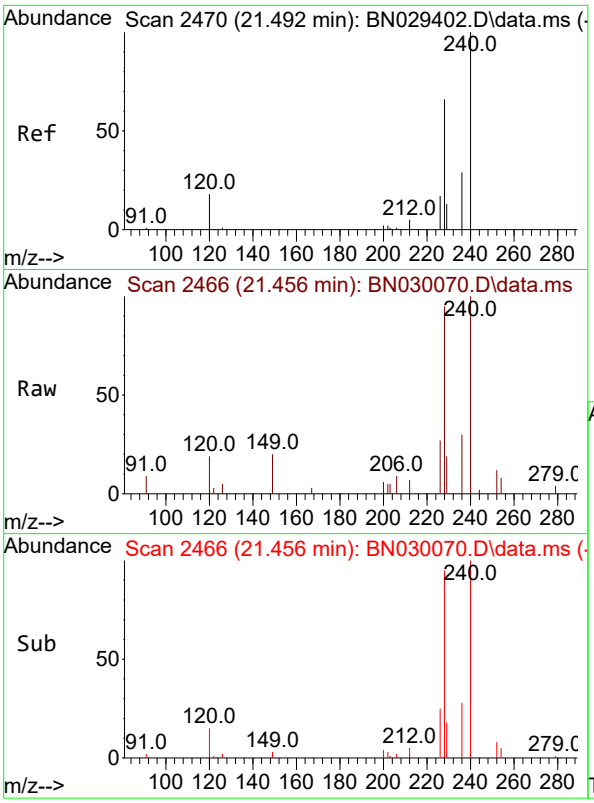


#28
Fluoranthene
Concen: 0.348 ng
RT: 19.322 min Scan# 2053
Delta R.T. 0.005 min
Lab File: BN030070.D
Acq: 26 Feb 2024 23:38

Tgt Ion:202 Resp: 11993

Ion	Ratio	Lower	Upper
202	100		
101	11.3	10.5	15.7
203	17.2	13.5	20.3



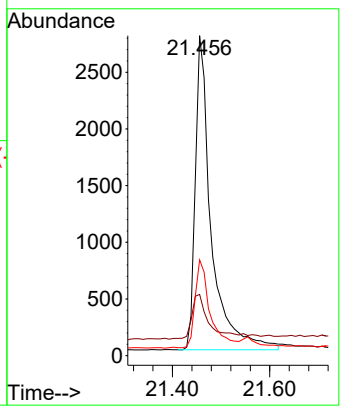


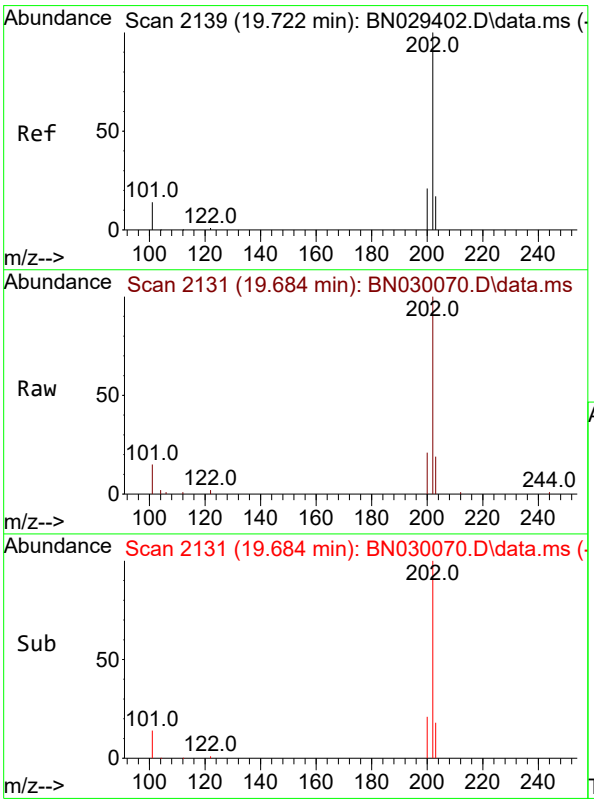
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.456 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN030070.D
Acq: 26 Feb 2024 23:38

Instrument :
BNA_N
ClientSampleId :
PB159269BS

Tgt Ion:240 Resp: 6284

Ion	Ratio	Lower	Upper
240	100		
120	19.2	16.7	25.1
236	30.0	23.9	35.9

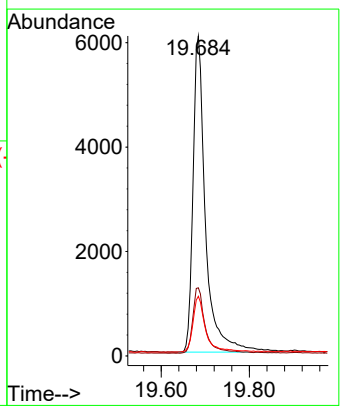


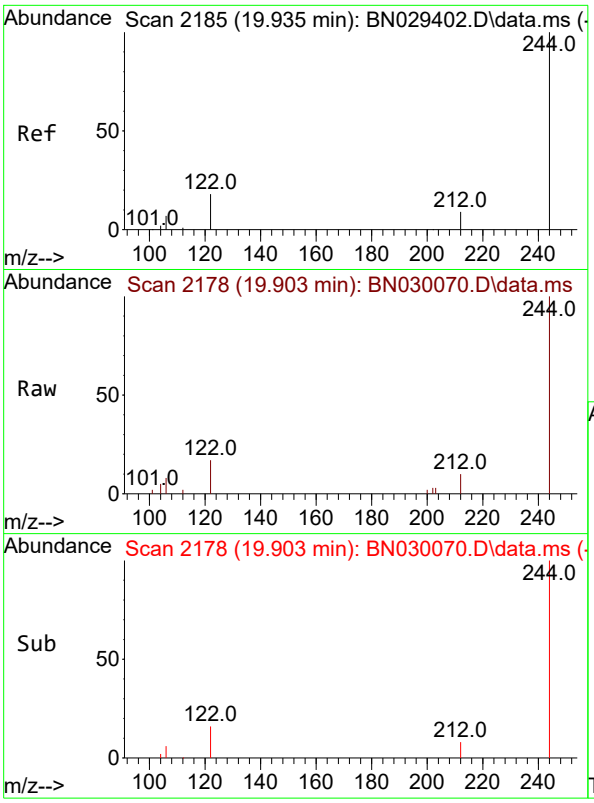


#30
Pyrene
Concen: 0.415 ng
RT: 19.684 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BN030070.D
Acq: 26 Feb 2024 23:38

Tgt Ion:202 Resp: 11995

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	17.6	14.2	21.4



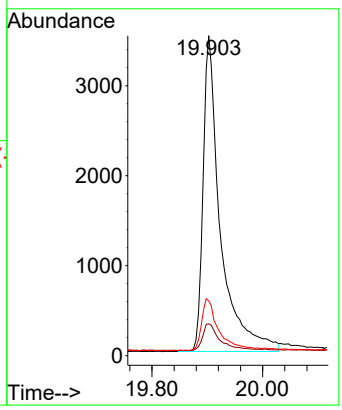


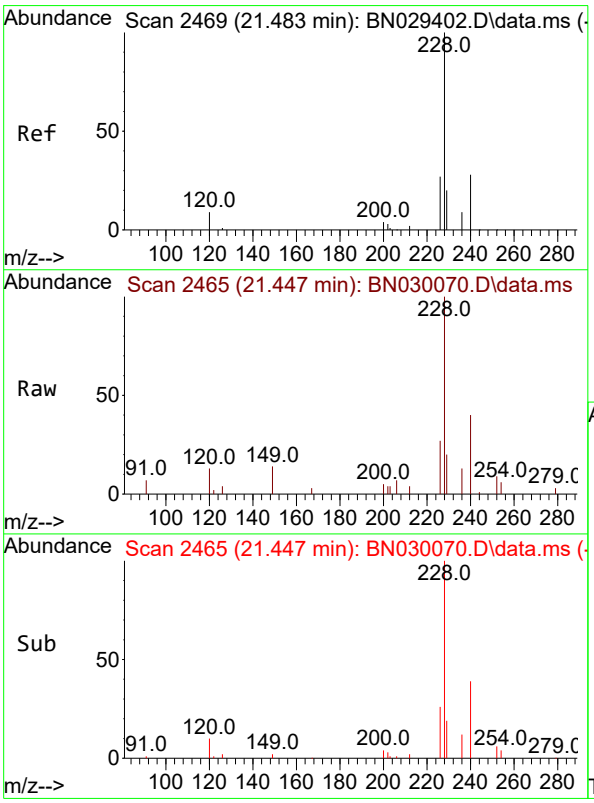
#31
Terphenyl-d14
Concen: 0.489 ng
RT: 19.903 min Scan# 21
Delta R.T. 0.005 min
Lab File: BN030070.D
Acq: 26 Feb 2024 23:38

Instrument :
BNA_N
ClientSampleId :
PB159269BS

Tgt Ion:244 Resp: 7620

Ion	Ratio	Lower	Upper
244	100		
212	10.0	8.2	12.4
122	17.1	15.6	23.4

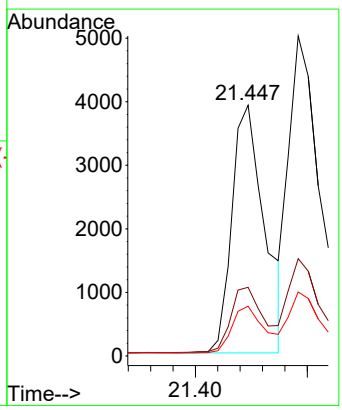


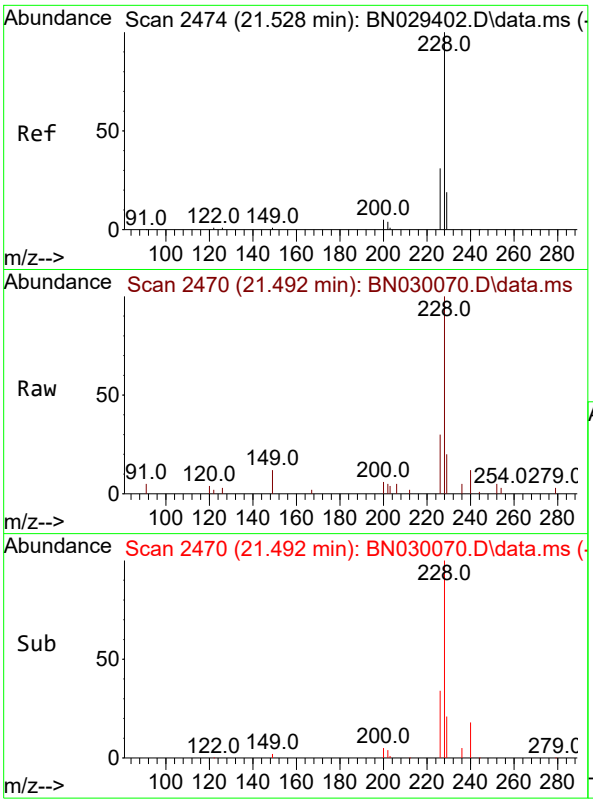


#32
Benzo(a)anthracene
Concen: 0.367 ng
RT: 21.447 min Scan# 2465
Delta R.T. 0.009 min
Lab File: BN030070.D
Acq: 26 Feb 2024 23:38

Tgt Ion:228 Resp: 7883

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.2	33.4
229	19.9	16.5	24.7



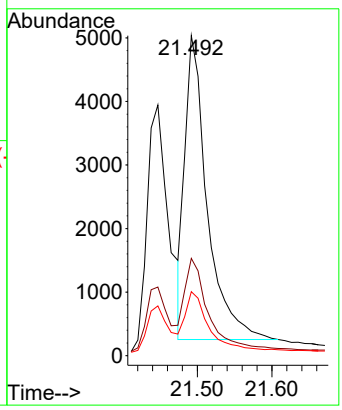


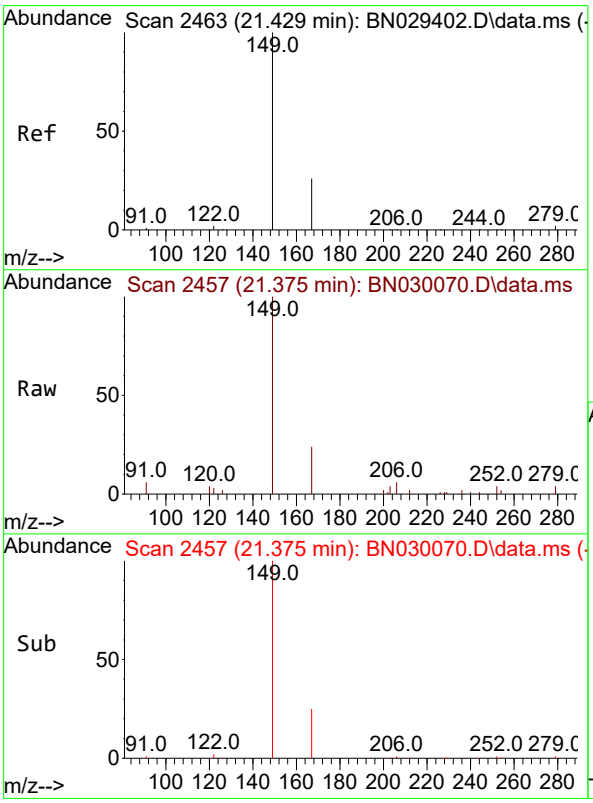
#33
Chrysene
Concen: 0.405 ng
RT: 21.492 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN030070.D
Acq: 26 Feb 2024 23:38

Instrument :
BNA_N
ClientSampleId :
PB159269BS

Tgt Ion:228 Resp: 9879

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.9	37.3
229	20.0	15.9	23.9

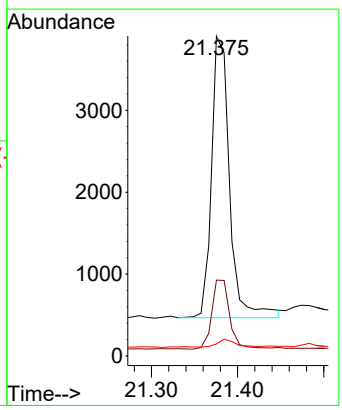


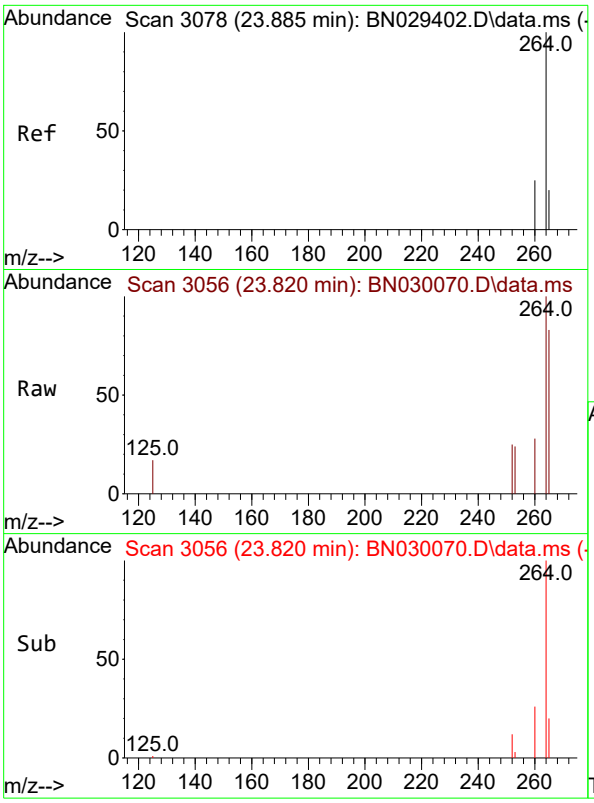


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.342 ng
RT: 21.375 min Scan# 2457
Delta R.T. -0.009 min
Lab File: BN030070.D
Acq: 26 Feb 2024 23:38

Tgt Ion:149 Resp: 4998

Ion	Ratio	Lower	Upper
149	100		
167	24.1	20.1	30.1
279	2.9	2.5	3.7



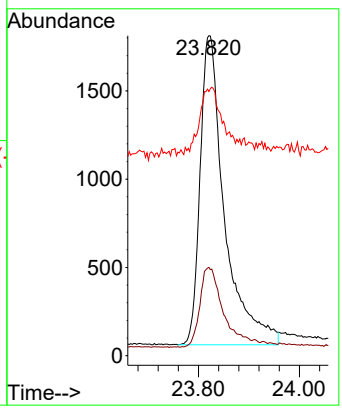


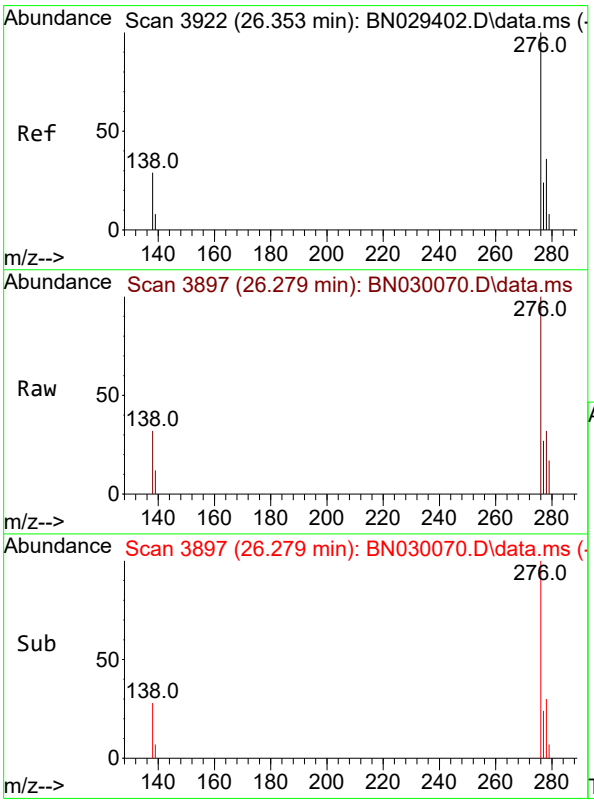
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.820 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN030070.D
Acq: 26 Feb 2024 23:38

Instrument :
BNA_N
ClientSampleId :
PB159269BS

Tgt Ion:264 Resp: 5889

Ion	Ratio	Lower	Upper
264	100		
260	27.6	21.2	31.8
265	82.6	41.5	62.3#

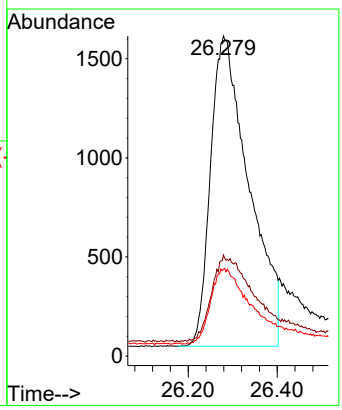


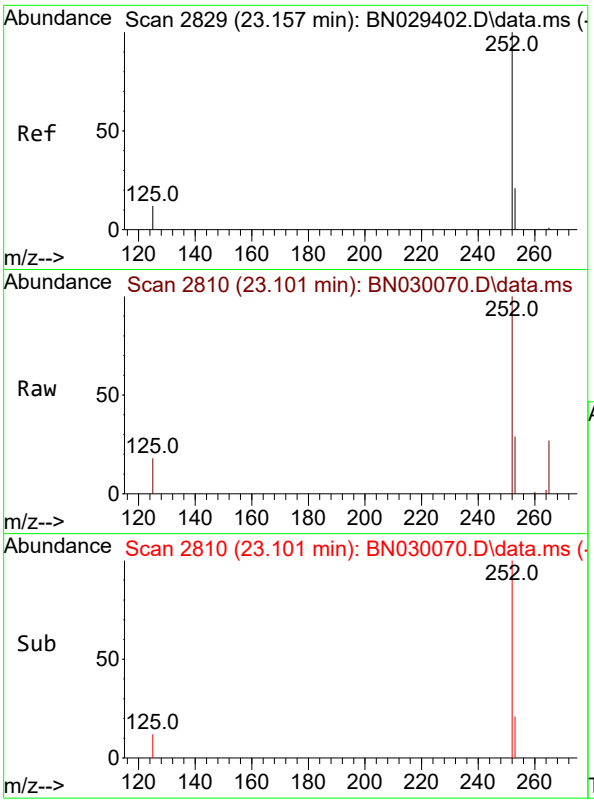


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.397 ng
RT: 26.279 min Scan# 3897
Delta R.T. 0.012 min
Lab File: BN030070.D
Acq: 26 Feb 2024 23:38

Tgt Ion:276 Resp: 9400

Ion	Ratio	Lower	Upper
276	100		
138	29.3	20.5	30.7
277	24.9	17.0	25.4



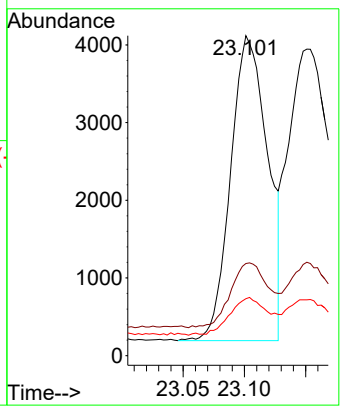


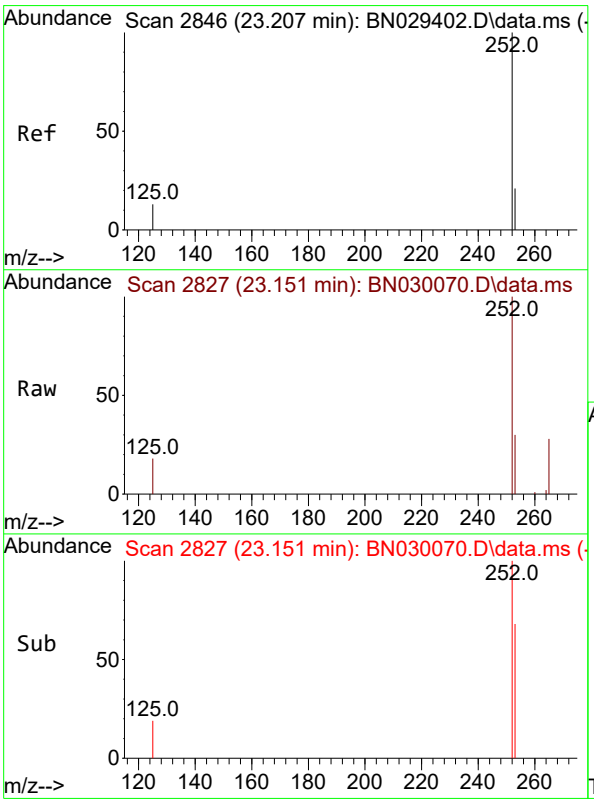
#37
Benzo(b)fluoranthene
Concen: 0.392 ng
RT: 23.101 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN030070.D
Acq: 26 Feb 2024 23:38

Instrument :
BNA_N
ClientSampleId :
PB159269BS

Tgt Ion:252 Resp: 8247

Ion	Ratio	Lower	Upper
252	100		
253	28.8	21.7	32.5
125	17.8	13.3	19.9

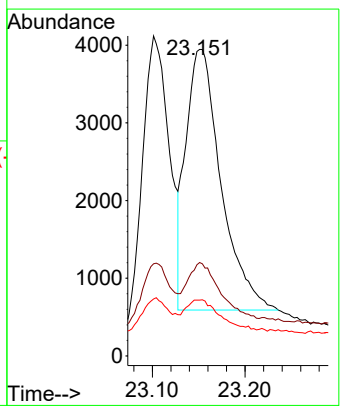


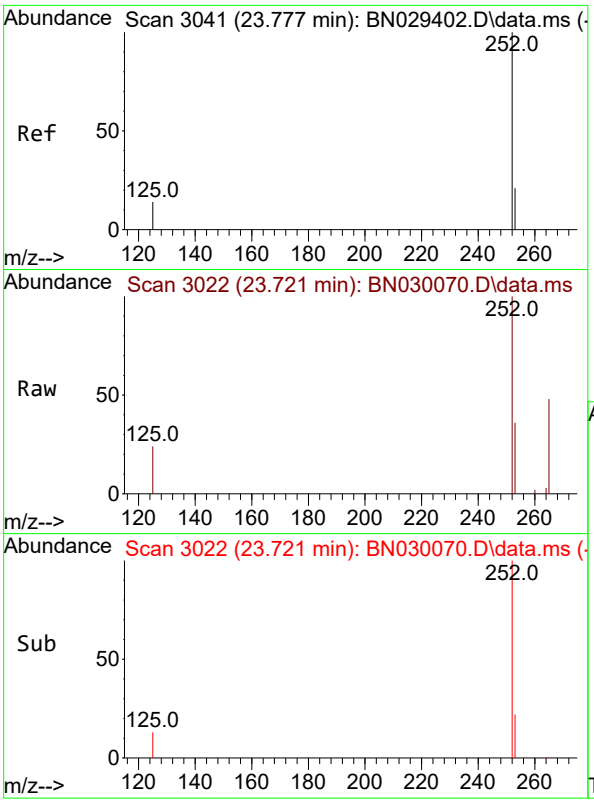


#38
Benzo(k)fluoranthene
Concen: 0.401 ng
RT: 23.151 min Scan# 2827
Delta R.T. 0.003 min
Lab File: BN030070.D
Acq: 26 Feb 2024 23:38

Tgt Ion:252 Resp: 8846

Ion	Ratio	Lower	Upper
252	100		
253	30.5	21.8	32.8
125	18.2	13.9	20.9



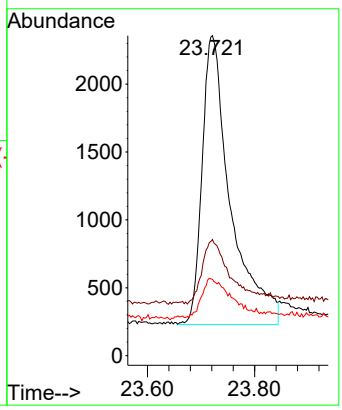


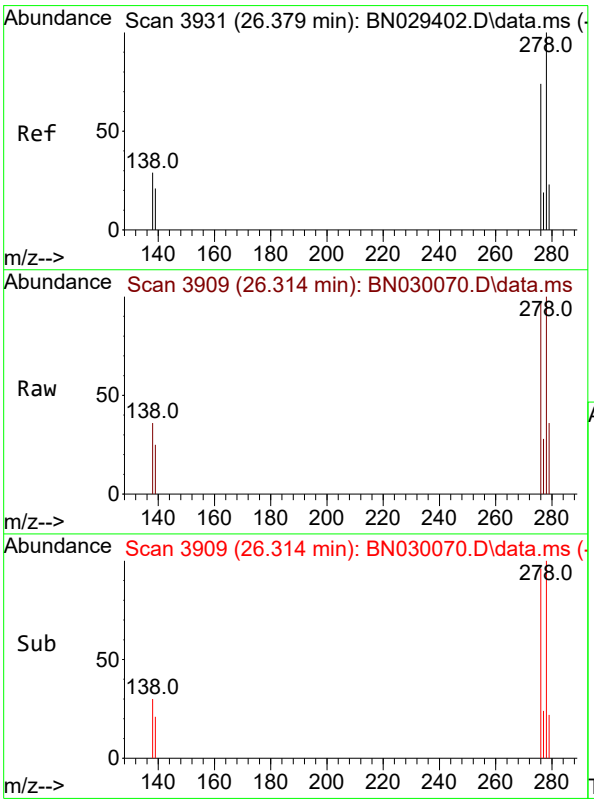
#39
Benzo(a)pyrene
Concen: 0.426 ng
RT: 23.721 min Scan# 3
Delta R.T. 0.006 min
Lab File: BN030070.D
Acq: 26 Feb 2024 23:38

Instrument :
BNA_N
ClientSampleId :
PB159269BS

Tgt Ion:252 Resp: 7823

Ion	Ratio	Lower	Upper
252	100		
253	36.3	24.9	37.3
125	23.9	16.6	25.0

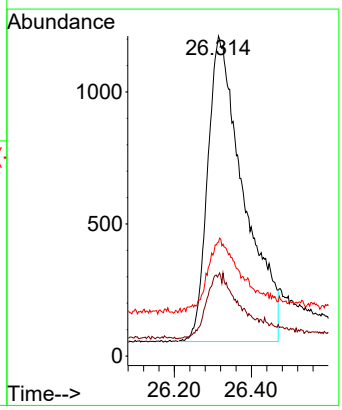


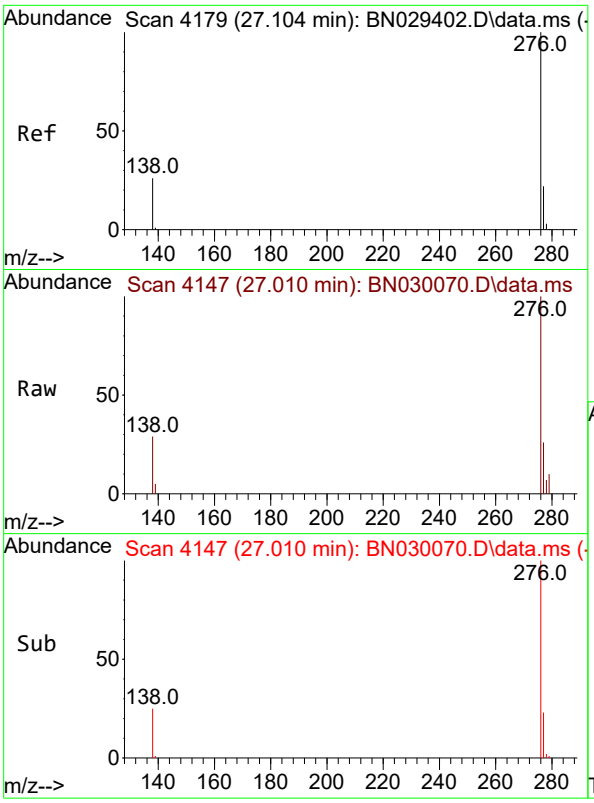


#40
Dibenzo(a,h)anthracene
Concen: 0.398 ng
RT: 26.314 min Scan# 3909
Delta R.T. 0.012 min
Lab File: BN030070.D
Acq: 26 Feb 2024 23:38

Tgt Ion:278 Resp: 7512

Ion	Ratio	Lower	Upper
278	100		
139	25.3	20.4	30.6
279	35.6	25.0	37.6





#41
Benzo(g,h,i)perylene
Concen: 0.402 ng
RT: 27.010 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN030070.D
Acq: 26 Feb 2024 23:38

Instrument :
BNA_N
ClientSampleId :
PB159269BS

Tgt Ion:276 Resp: 9221

Ion	Ratio	Lower	Upper
276	100		
277	25.8	19.4	29.2
138	28.8	23.5	35.3