Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052323\
Data File : BN025568.D
Acq On : 23 May 2023 10:35
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: May 24 03:46:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 23 03:22:57 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.063	152	4383	0.400	ng		0.00
7) Naphthalene-d8	10.878	136	12728	0.400	ng		#-0.01
13) Acenaphthene-d10	14.694	164	7372	0.400	ng		0.00
19) Phenanthrene-d10	17.435	188	16487	0.400	ng		# 0.00
29) Chrysene-d12	21.616	240	12324	0.400	ng		0.00
35) Perylene-d12	24.132	264	12411	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.600	112	5188	0.460	ng		0.00
5) Phenol-d6	7.210	99	6491	0.457	ng		0.00
8) Nitrobenzene-d5	9.223	82	4812	0.411	ng		-0.01
11) 2-Methylnaphthalene-d10	12.464	152	7581	0.406	ng		0.00
14) 2,4,6-Tribromophenol	16.181	330	1259	0.409	ng		0.00
15) 2-Fluorobiphenyl	13.326	172	13303	0.416	ng		0.00
27) Fluoranthene-d10	19.456	212	15389	0.394	ng		0.00
31) Terphenyl-d14	20.049	244	10718	0.420	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.448	88	2043	0.403	ng		98
3) n-Nitrosodimethylamine	3.780	42	2164	0.360	ng	#	97
6) bis(2-Chloroethyl)ether	7.478	93	5599	0.430	ng		100
9) Naphthalene	10.931	128	14360	0.407	ng		99
10) Hexachlorobutadiene	11.220	225	2505	0.407	ng	#	99
12) 2-Methylnaphthalene	12.536	142	10049	0.402	ng		99
16) Acenaphthylene	14.416	152	14349	0.397	ng		100
17) Acenaphthene	14.758	154	10006	0.401	ng		99
18) Fluorene	15.734	166	12391	0.398	ng		99
20) 4,6-Dinitro-2-methylph...	15.797	198	1438	0.330	ng	#	71
21) 4-Bromophenyl-phenylether	16.628	248	3976	0.407	ng	#	91
22) Hexachlorobenzene	16.740	284	3510	0.403	ng		99
23) Atrazine	16.876	200	3254	0.378	ng	#	93
24) Pentachlorophenol	17.075	266	1893	0.385	ng		98
25) Phenanthrene	17.472	178	20978	0.396	ng		100
26) Anthracene	17.559	178	18998	0.394	ng		100
28) Fluoranthene	19.486	202	22879	0.391	ng		100
30) Pyrene	19.848	202	23263	0.418	ng		100
32) Benzo(a)anthracene	21.598	228	19943	0.409	ng		99
33) Chrysene	21.652	228	20767	0.410	ng		100
34) Bis(2-ethylhexyl)phtha...	21.518	149	12080	0.398	ng		99
36) Indeno(1,2,3-cd)pyrene	26.763	276	21409	0.378	ng		99
37) Benzo(b)fluoranthene	23.357	252	19859	0.397	ng		98
38) Benzo(k)fluoranthene	23.410	252	20056	0.394	ng		99
39) Benzo(a)pyrene	24.015	252	18384	0.400	ng		97
40) Dibenzo(a,h)anthracene	26.790	278	17170	0.373	ng		98
41) Benzo(g,h,i)perylene	27.565	276	17338	0.358	ng		99

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

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Data File : BN025568.D
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Misc :
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Instrument :
BNA_N
ClientSampleId :
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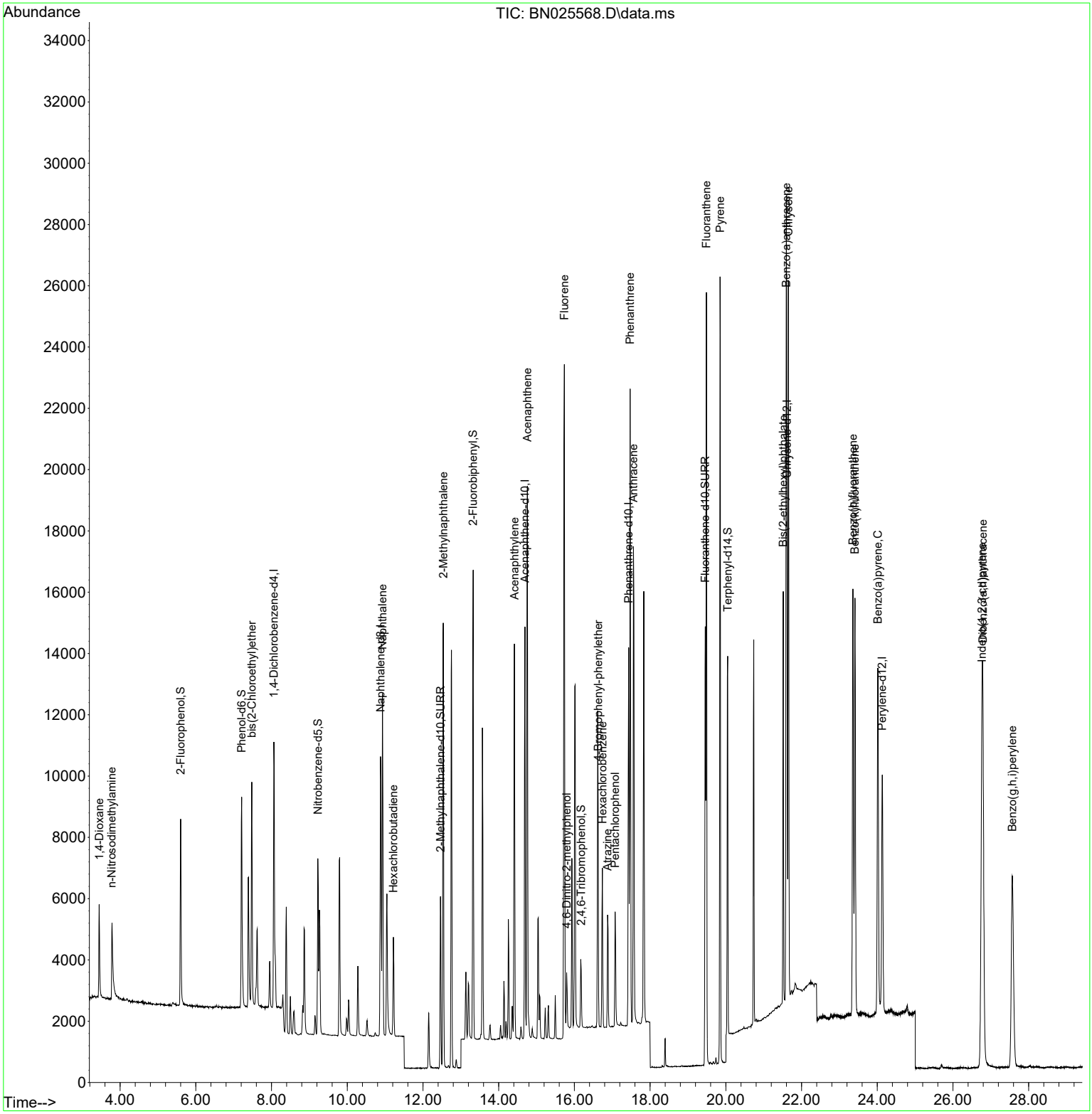
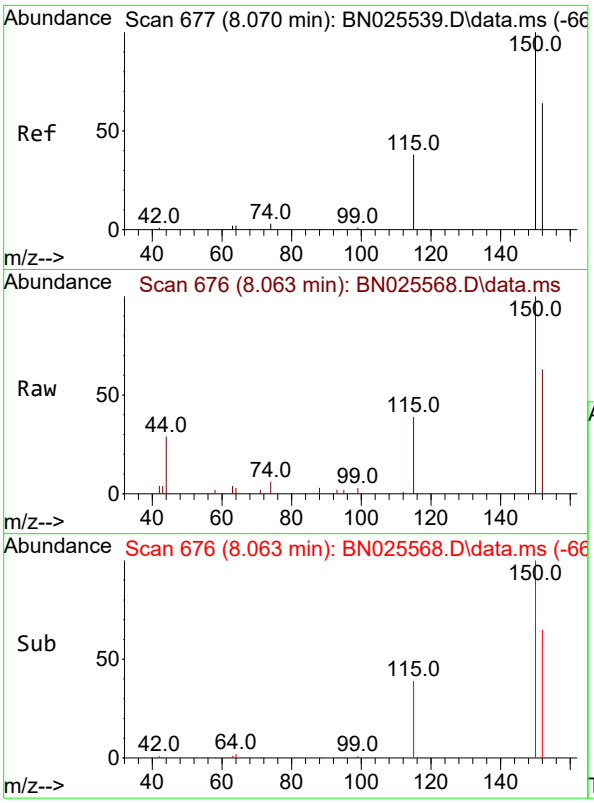
Quant Time: May 24 03:46:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 23 03:22:57 2023
Response via : Initial Calibration



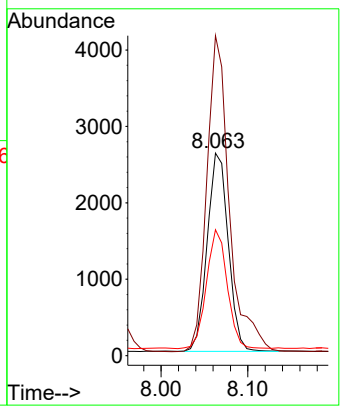


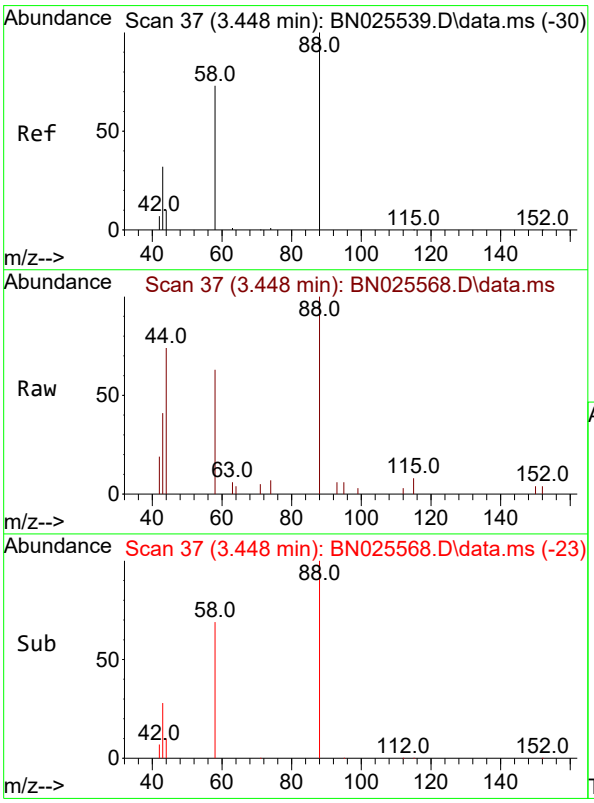
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.063 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN025568.D
Acq: 23 May 2023 10:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 4383

Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.6	187.0
115	62.1	49.1	73.7

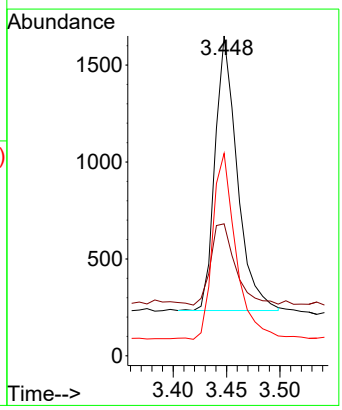


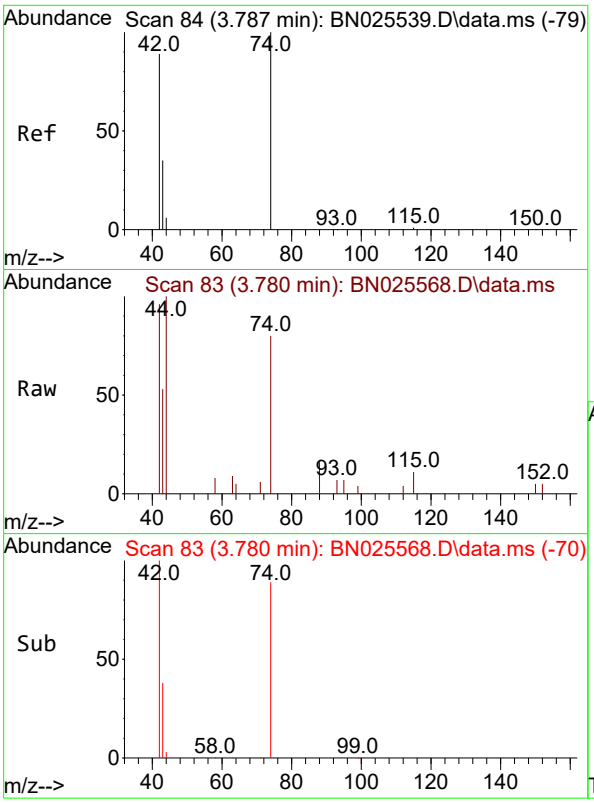


#2
1,4-Dioxane
Concen: 0.403 ng
RT: 3.448 min Scan# 37
Delta R.T. 0.000 min
Lab File: BN025568.D
Acq: 23 May 2023 10:35

Tgt Ion: 88 Resp: 2043

Ion	Ratio	Lower	Upper
88	100		
43	33.1	25.8	38.8
58	69.9	54.9	82.3



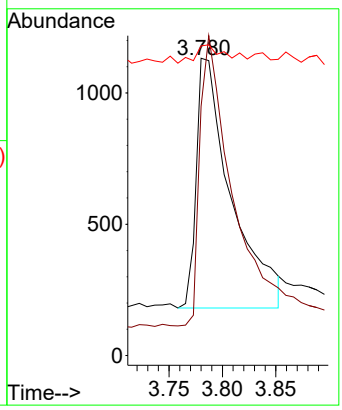


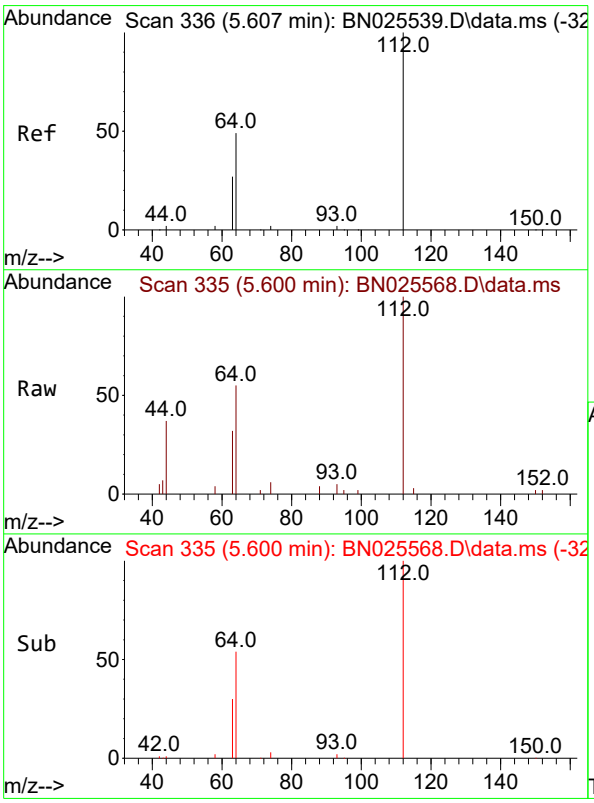
#3
n-Nitrosodimethylamine
Concen: 0.360 ng
RT: 3.780 min Scan# 8
Delta R.T. -0.007 min
Lab File: BN025568.D
Acq: 23 May 2023 10:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 2164

Ion	Ratio	Lower	Upper
42	100		
74	109.4	89.7	134.5
44	6.4	7.5	11.3#

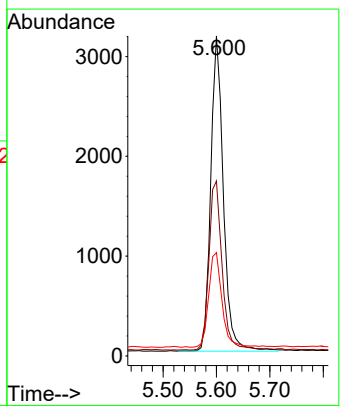


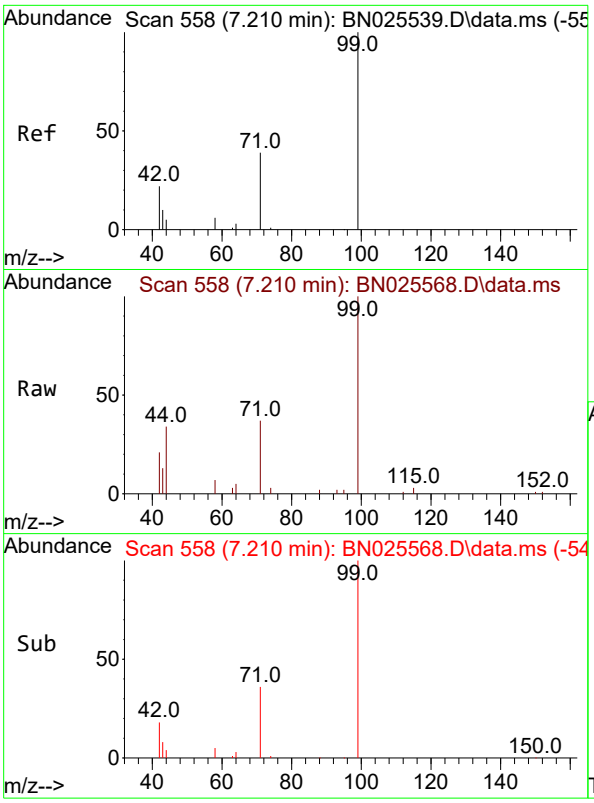


#4
2-Fluorophenol
Concen: 0.460 ng
RT: 5.600 min Scan# 335
Delta R.T. -0.007 min
Lab File: BN025568.D
Acq: 23 May 2023 10:35

Tgt Ion:112 Resp: 5188

Ion	Ratio	Lower	Upper
112	100		
64	56.3	44.2	66.4
63	31.6	25.4	38.2



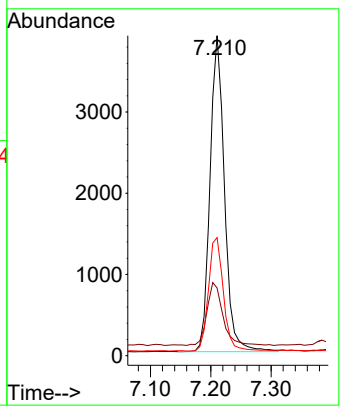


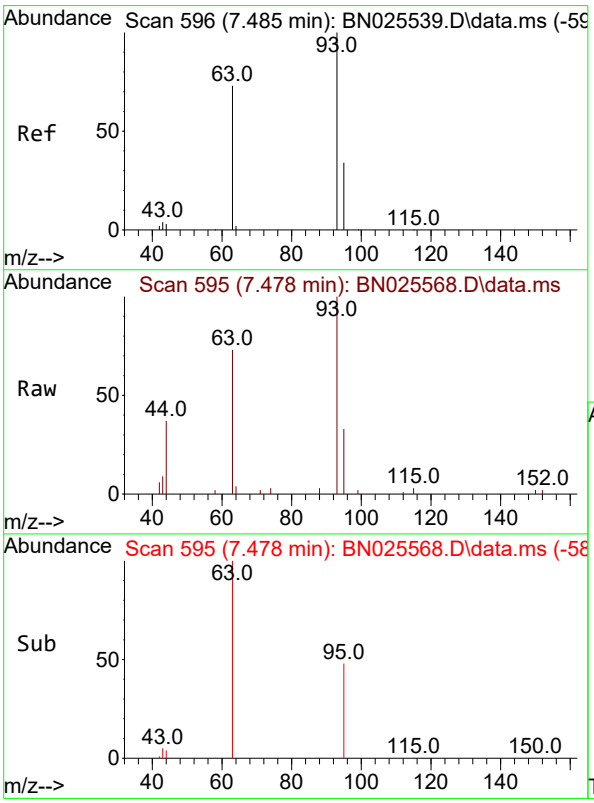
#5
Phenol-d6
Concen: 0.457 ng
RT: 7.210 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN025568.D
Acq: 23 May 2023 10:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 6491

Ion	Ratio	Lower	Upper
99	100		
42	21.9	17.5	26.3
71	37.3	30.1	45.1

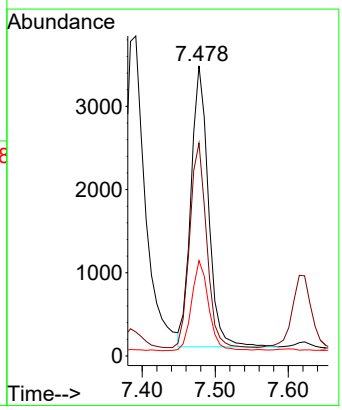


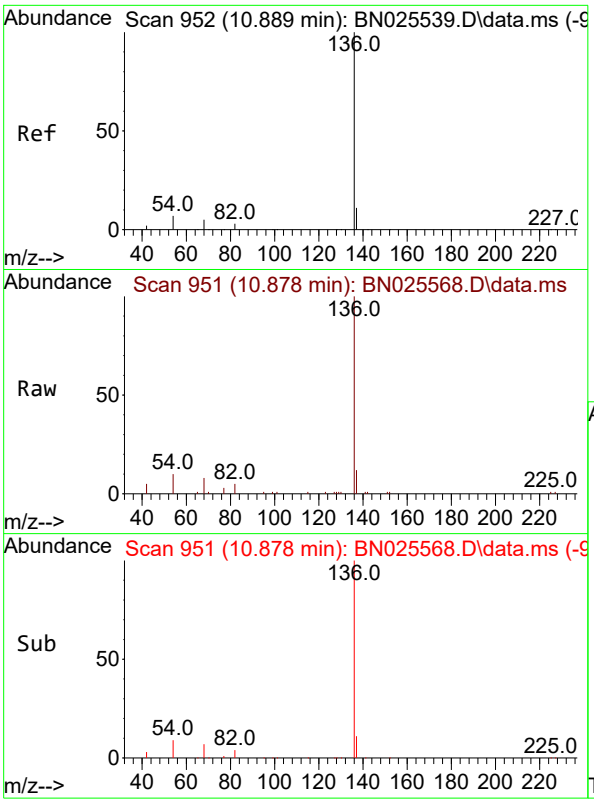


#6
bis(2-Chloroethyl)ether
Concen: 0.430 ng
RT: 7.478 min Scan# 595
Delta R.T. -0.007 min
Lab File: BN025568.D
Acq: 23 May 2023 10:35

Tgt Ion: 93 Resp: 5599

Ion	Ratio	Lower	Upper
93	100		
63	70.7	56.9	85.3
95	31.3	24.9	37.3



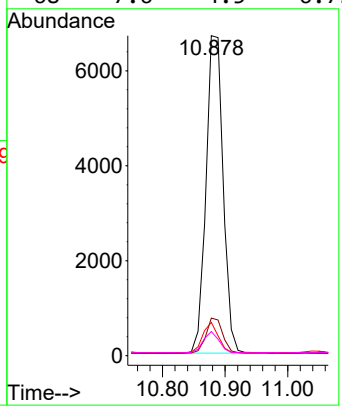


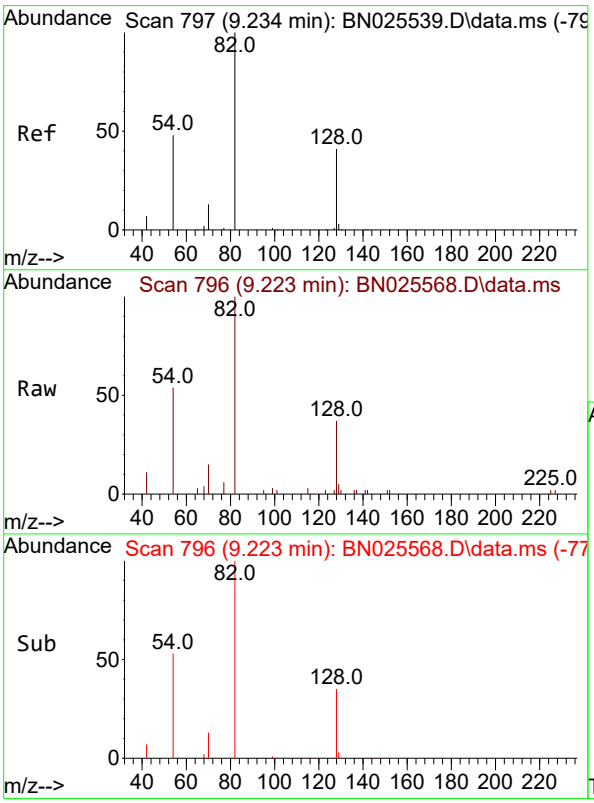
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.878 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN025568.D
Acq: 23 May 2023 10:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 12728

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	10.4	6.2	9.4#
68	7.6	4.5	6.7#

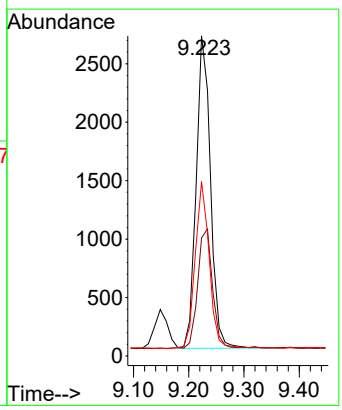


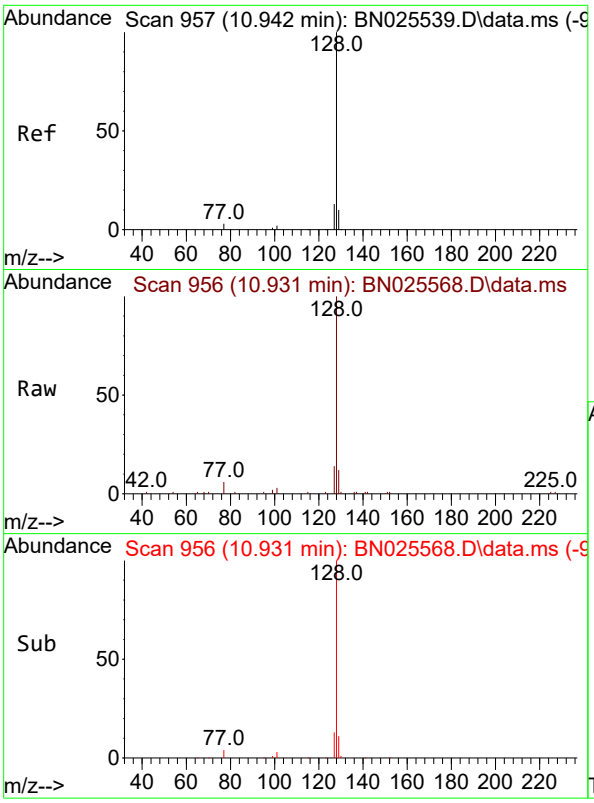


#8
Nitrobenzene-d5
Concen: 0.411 ng
RT: 9.223 min Scan# 796
Delta R.T. -0.011 min
Lab File: BN025568.D
Acq: 23 May 2023 10:35

Tgt Ion: 82 Resp: 4812

Ion	Ratio	Lower	Upper
82	100		
128	36.9	33.8	50.8
54	54.5	39.8	59.6



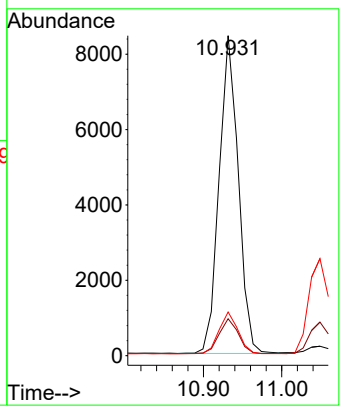


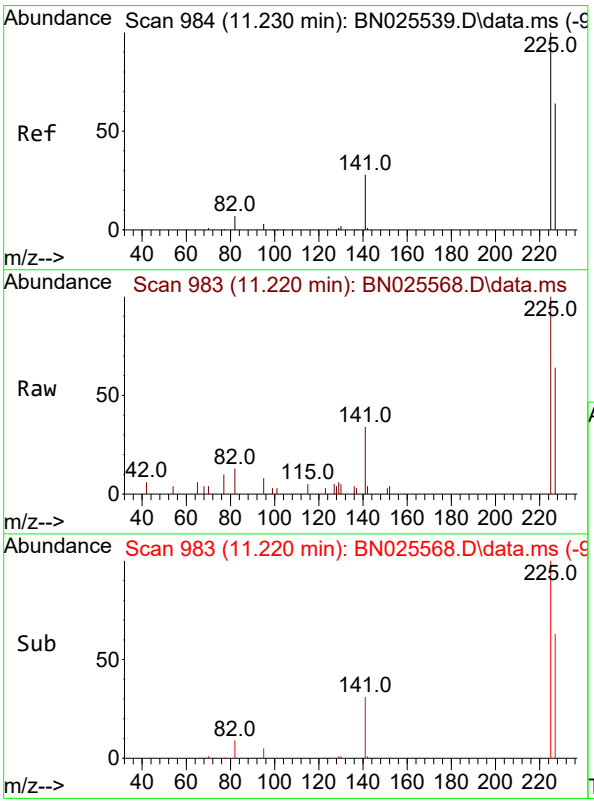
#9
Naphthalene
Concen: 0.407 ng
RT: 10.931 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN025568.D
Acq: 23 May 2023 10:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 14360

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.8	13.2
127	13.6	10.6	15.8

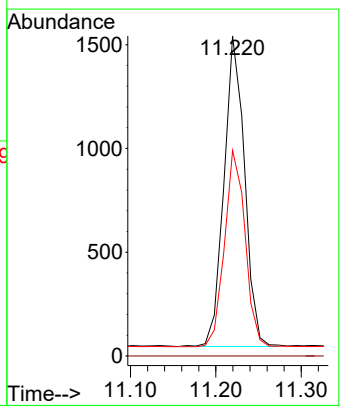


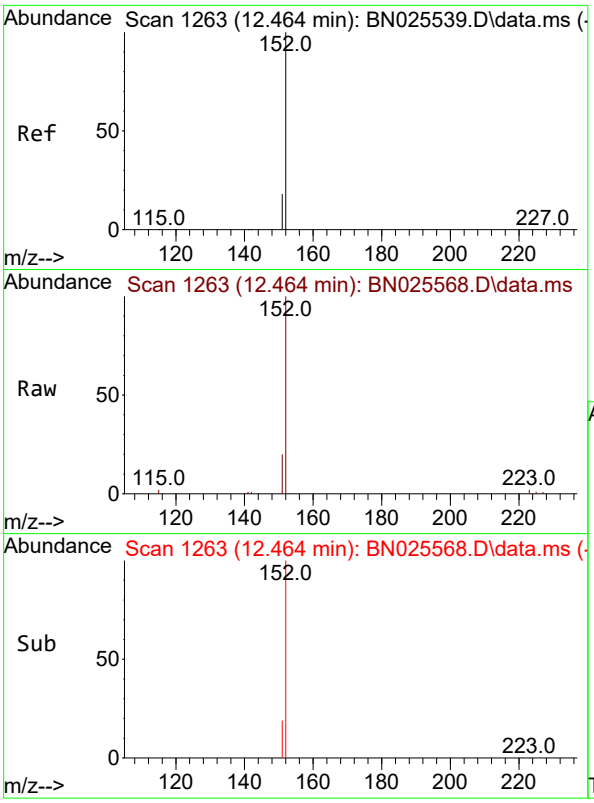


#10
Hexachlorobutadiene
Concen: 0.407 ng
RT: 11.220 min Scan# 983
Delta R.T. -0.011 min
Lab File: BN025568.D
Acq: 23 May 2023 10:35

Tgt Ion:225 Resp: 2505

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.0	51.0	76.6



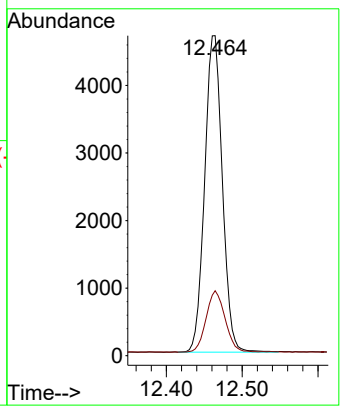


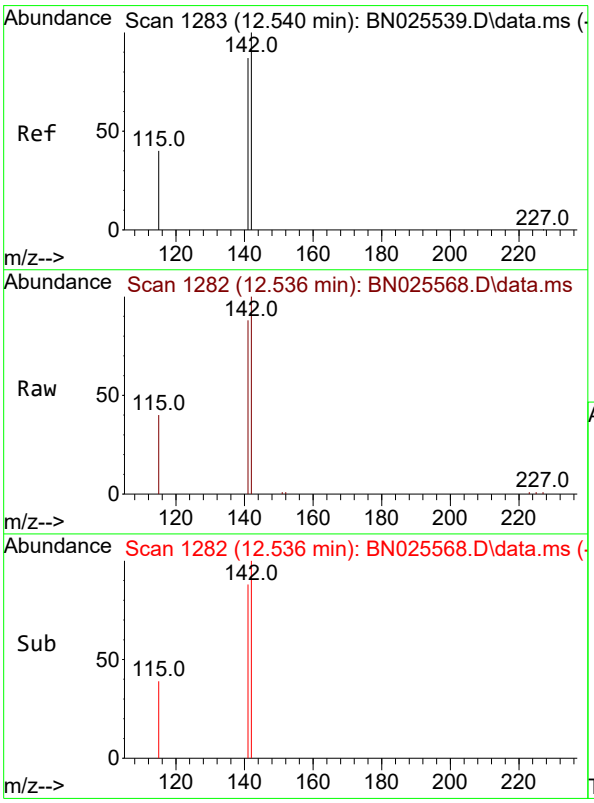
#11
2-Methylnaphthalene-d10
Concen: 0.406 ng
RT: 12.464 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025568.D
Acq: 23 May 2023 10:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 7581

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.7	25.1

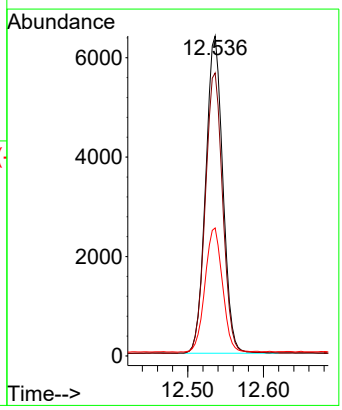


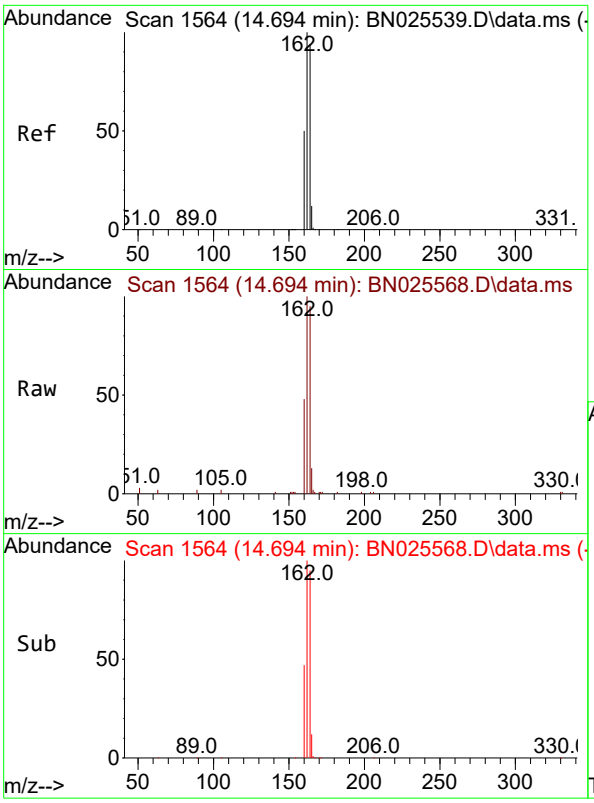


#12
2-Methylnaphthalene
Concen: 0.402 ng
RT: 12.536 min Scan# 1282
Delta R.T. -0.004 min
Lab File: BN025568.D
Acq: 23 May 2023 10:35

Tgt Ion:142 Resp: 10049

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.1	105.1
115	40.0	32.8	49.2



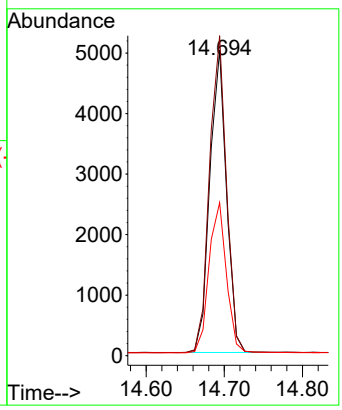


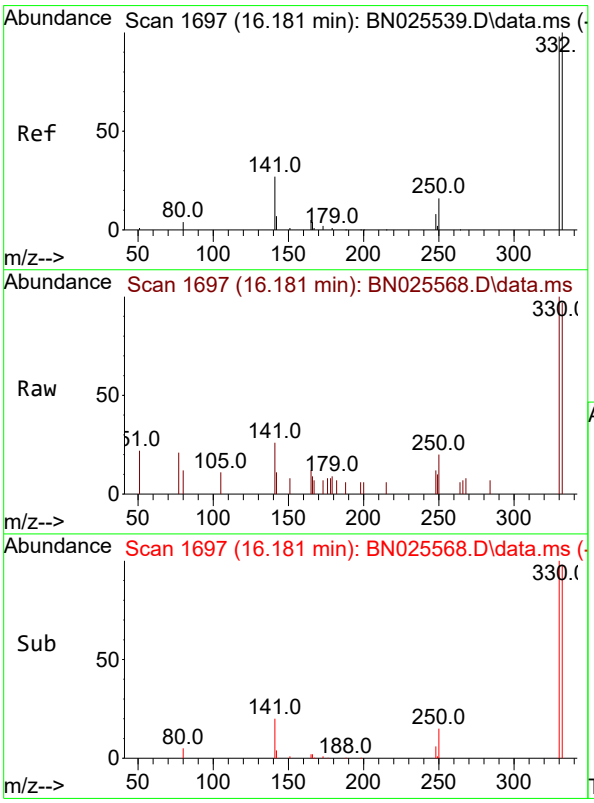
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.694 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025568.D
Acq: 23 May 2023 10:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 7372

Ion	Ratio	Lower	Upper
164	100		
162	104.7	85.5	128.3
160	50.1	42.9	64.3

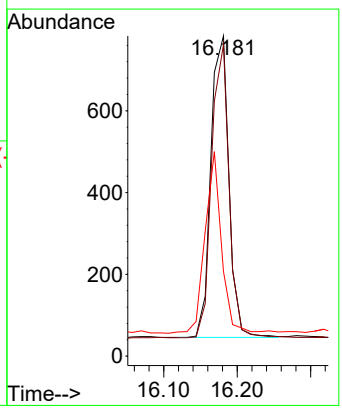


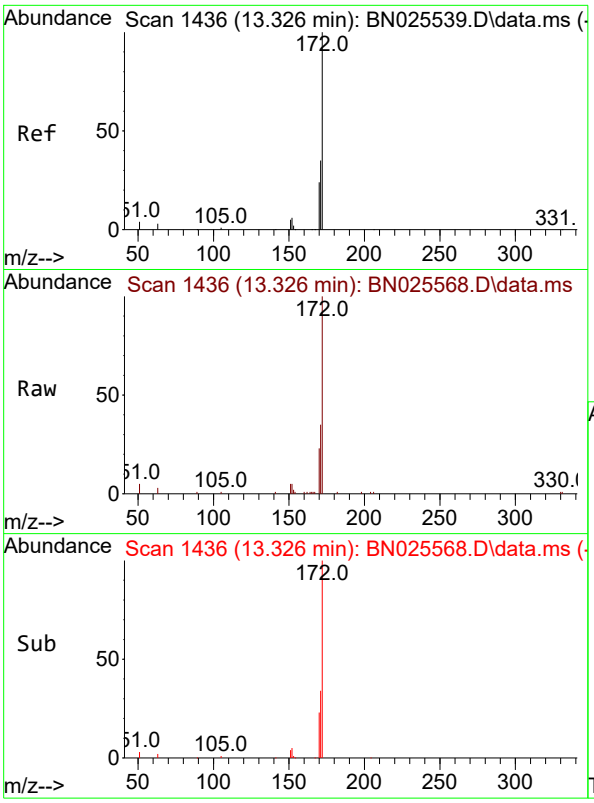


#14
2,4,6-Tribromophenol
Concen: 0.409 ng
RT: 16.181 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN025568.D
Acq: 23 May 2023 10:35

Tgt Ion:330 Resp: 1259

Ion	Ratio	Lower	Upper
330	100		
332	94.0	76.7	115.1
141	54.6	43.0	64.6



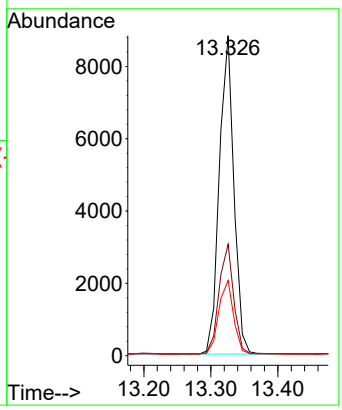


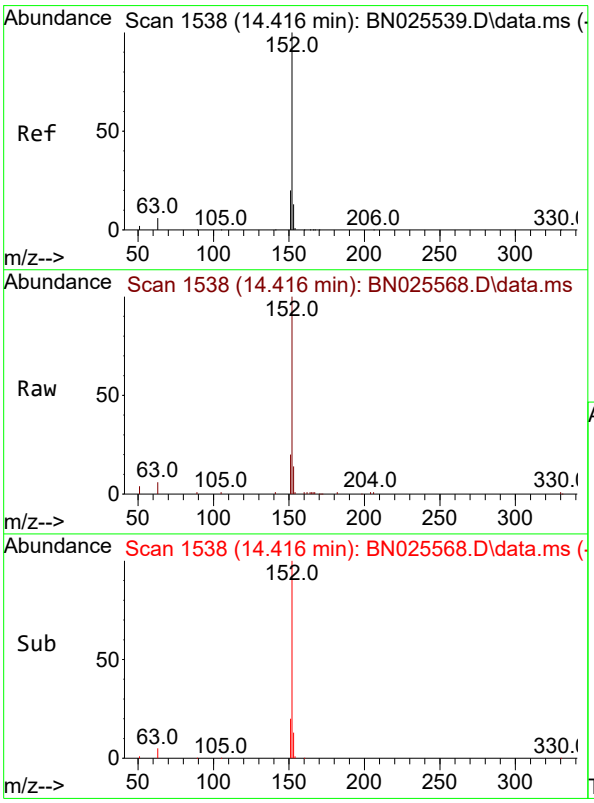
#15
2-Fluorobiphenyl
Concen: 0.416 ng
RT: 13.326 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN025568.D
Acq: 23 May 2023 10:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 13303

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.3	42.5
170	23.5	19.3	28.9

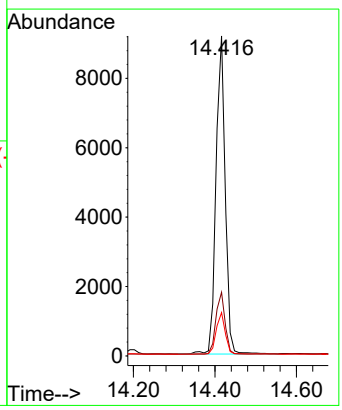


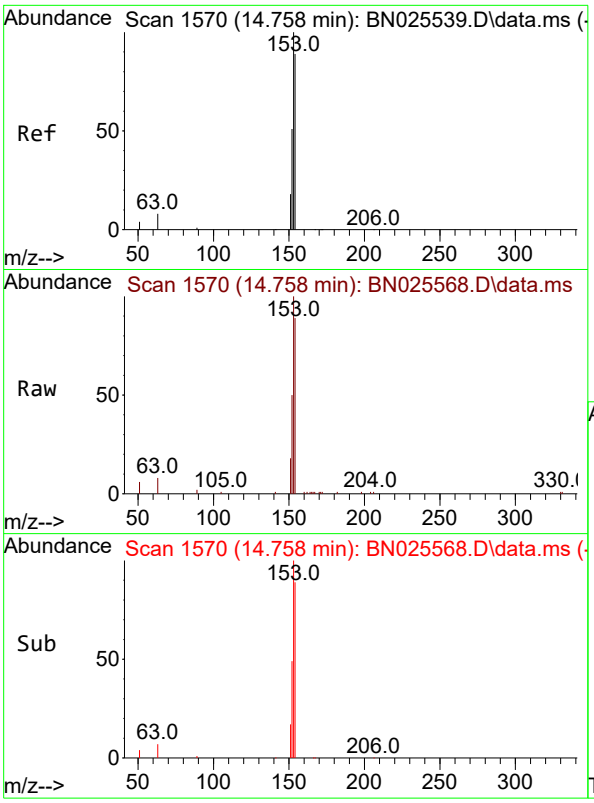


#16
Acenaphthylene
Concen: 0.397 ng
RT: 14.416 min Scan# 1538
Delta R.T. 0.000 min
Lab File: BN025568.D
Acq: 23 May 2023 10:35

Tgt Ion:152 Resp: 14349

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.3	22.9
153	13.0	10.4	15.6



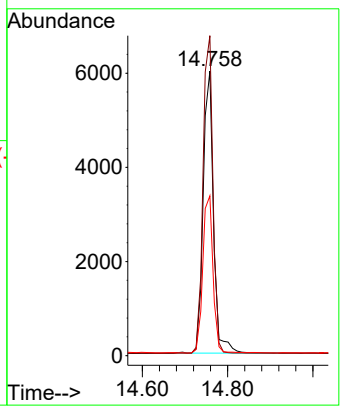


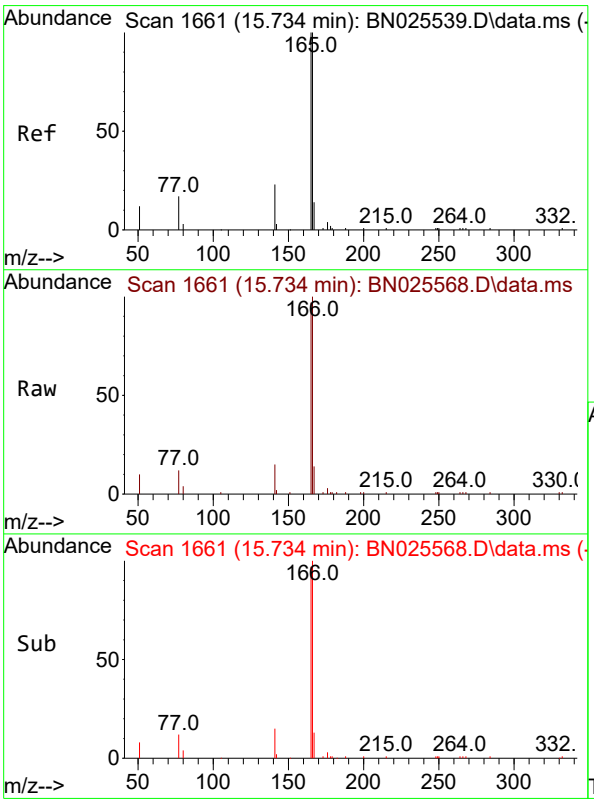
#17
Acenaphthene
Concen: 0.401 ng
RT: 14.758 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025568.D
Acq: 23 May 2023 10:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 10006

Ion	Ratio	Lower	Upper
154	100		
153	108.6	85.4	128.2
152	55.4	44.3	66.5

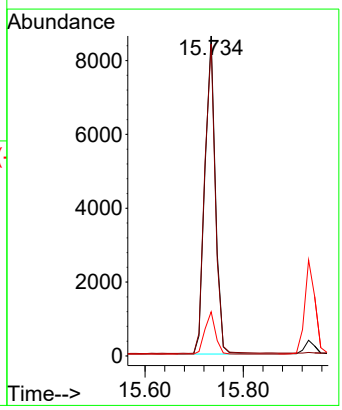


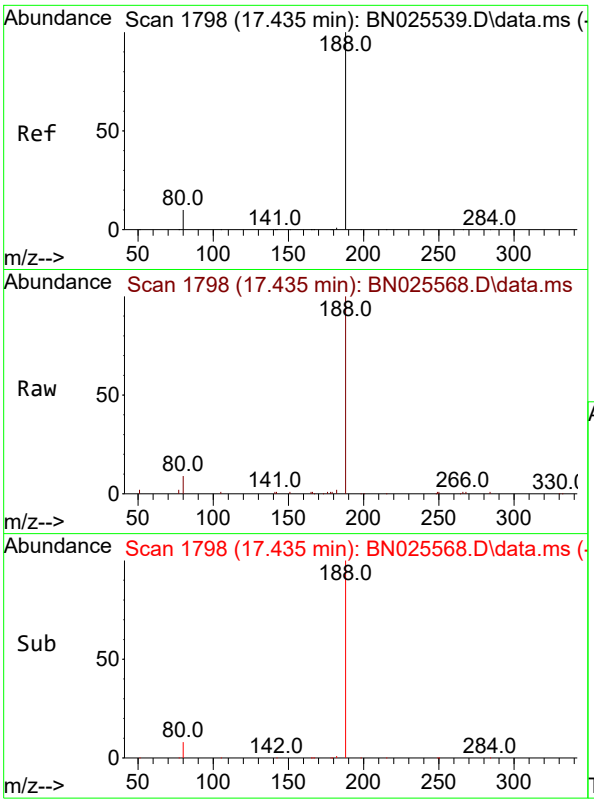


#18
Fluorene
Concen: 0.398 ng
RT: 15.734 min Scan# 1661
Delta R.T. 0.000 min
Lab File: BN025568.D
Acq: 23 May 2023 10:35

Tgt Ion:166 Resp: 12391

Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.1	118.7
167	13.4	10.8	16.2



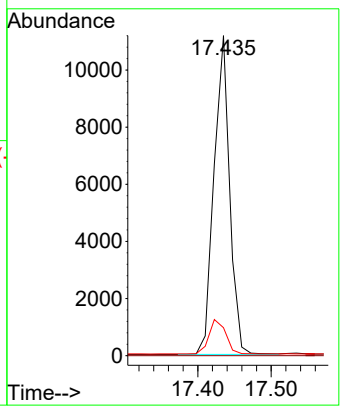


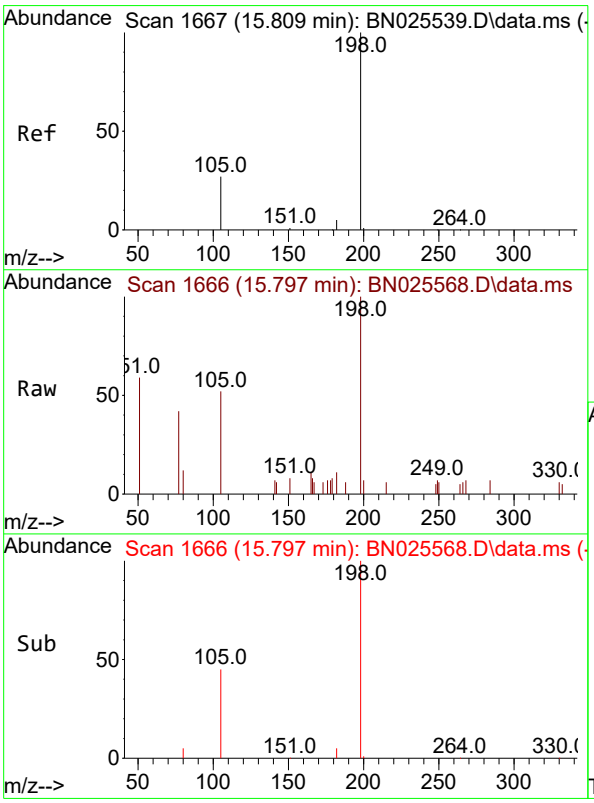
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.435 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025568.D
Acq: 23 May 2023 10:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 16487

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.8	8.8	13.2#

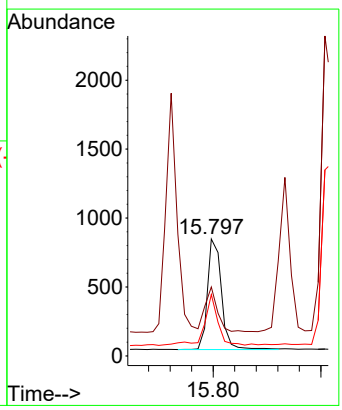


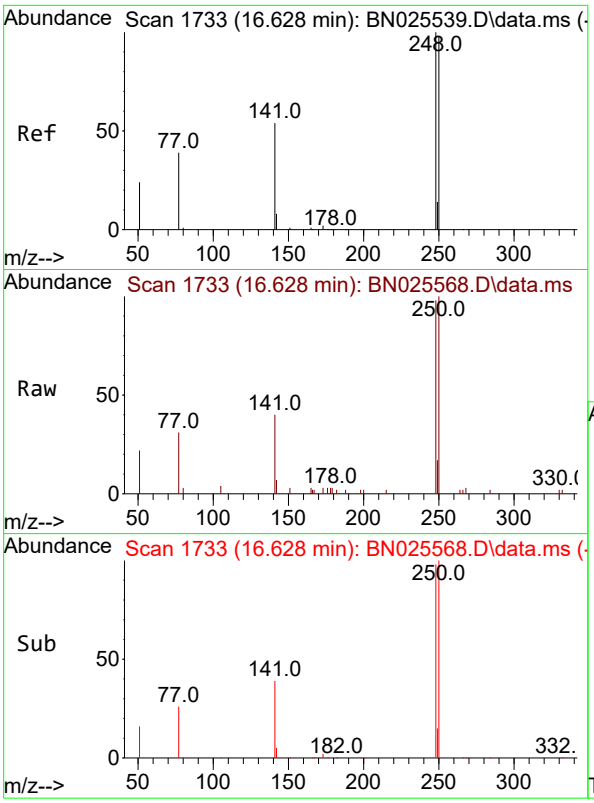


#20
4,6-Dinitro-2-methylphenol
Concen: 0.330 ng
RT: 15.797 min Scan# 1666
Delta R.T. -0.012 min
Lab File: BN025568.D
Acq: 23 May 2023 10:35

Tgt Ion:198 Resp: 1438

Ion	Ratio	Lower	Upper
198	100		
51	59.0	31.7	47.5#
105	52.5	29.2	43.8#



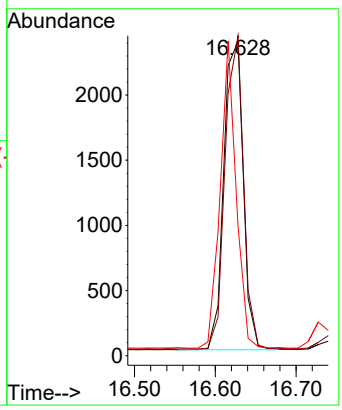


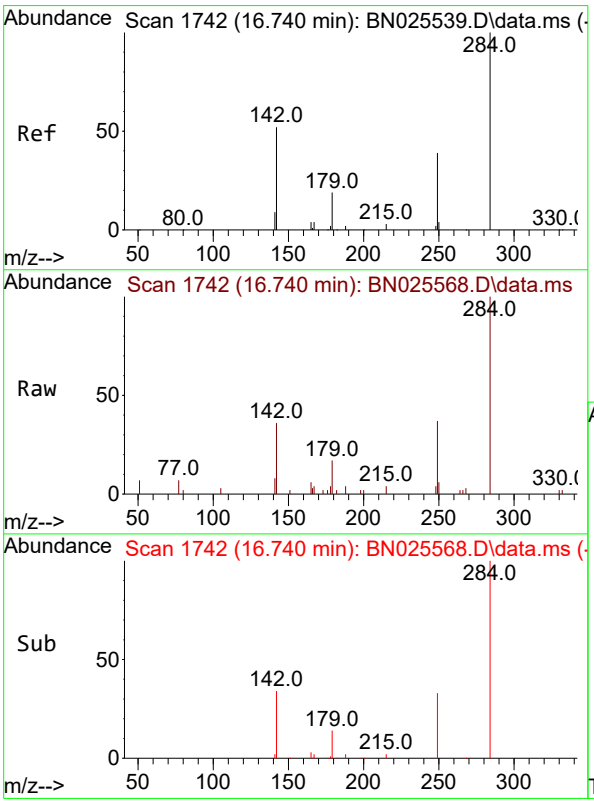
#21
4-Bromophenyl-phenylether
Concen: 0.407 ng
RT: 16.628 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025568.D
Acq: 23 May 2023 10:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:248 Resp: 3976

Ion	Ratio	Lower	Upper
248	100		
250	101.8	78.9	118.3
141	41.2	43.9	65.9#

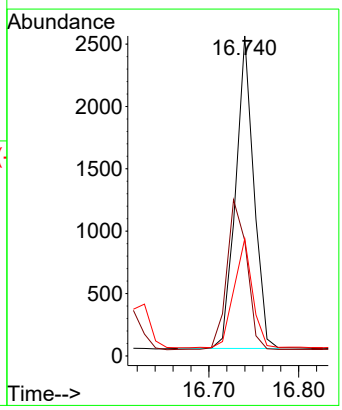


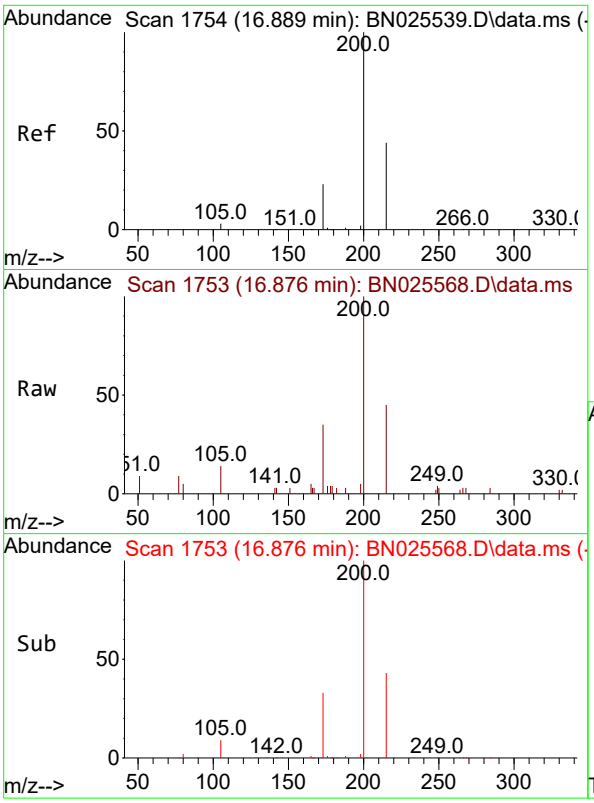


#22
Hexachlorobenzene
Concen: 0.403 ng
RT: 16.740 min Scan# 1742
Delta R.T. 0.000 min
Lab File: BN025568.D
Acq: 23 May 2023 10:35

Tgt Ion:284 Resp: 3510

Ion	Ratio	Lower	Upper
284	100		
142	52.7	41.6	62.4
249	35.6	28.3	42.5



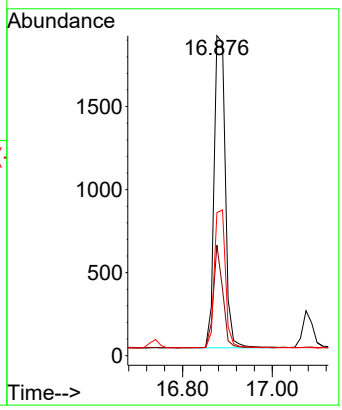


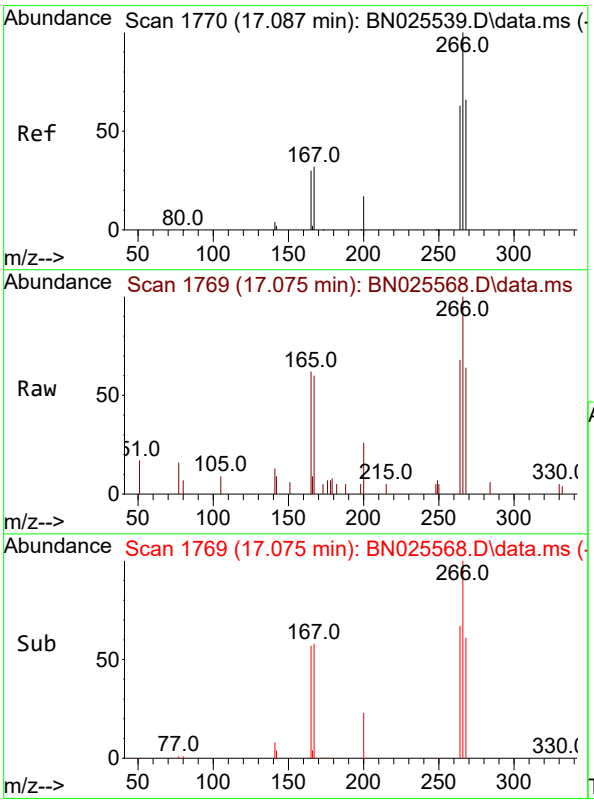
#23
Atrazine
Concen: 0.378 ng
RT: 16.876 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN025568.D
Acq: 23 May 2023 10:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:200 Resp: 3254

Ion	Ratio	Lower	Upper
200	100		
173	34.6	20.2	30.4#
215	44.7	35.8	53.8

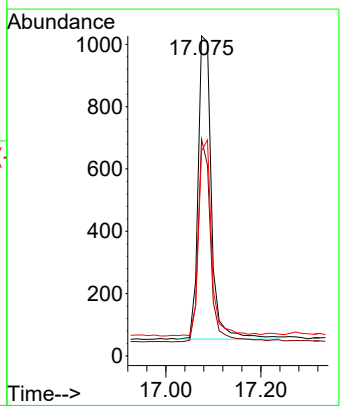


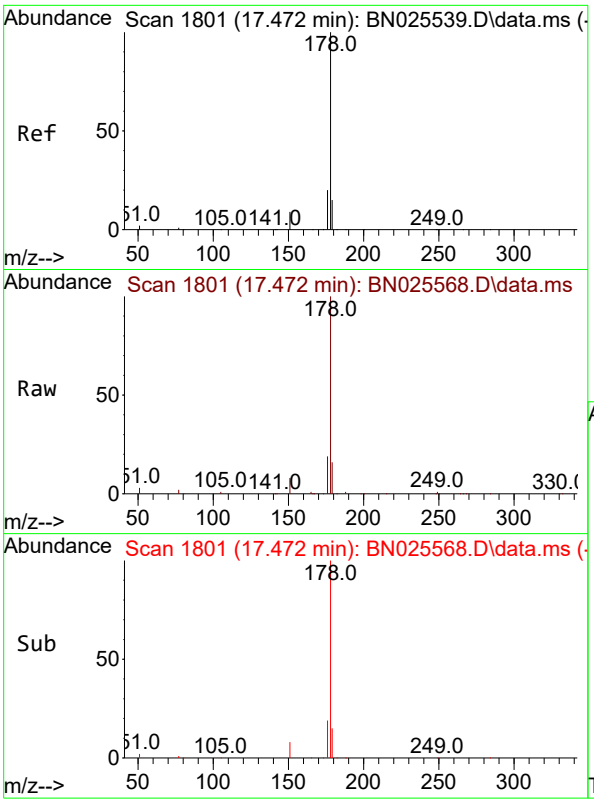


#24
Pentachlorophenol
Concen: 0.385 ng
RT: 17.075 min Scan# 1769
Delta R.T. -0.012 min
Lab File: BN025568.D
Acq: 23 May 2023 10:35

Tgt Ion:266 Resp: 1893

Ion	Ratio	Lower	Upper
266	100		
264	62.6	51.3	76.9
268	62.2	51.2	76.8



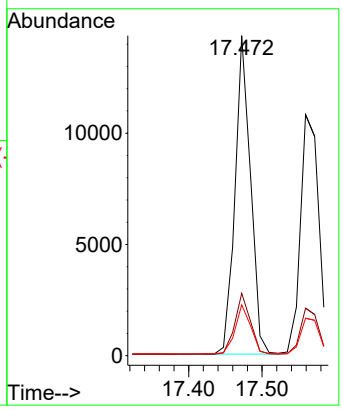


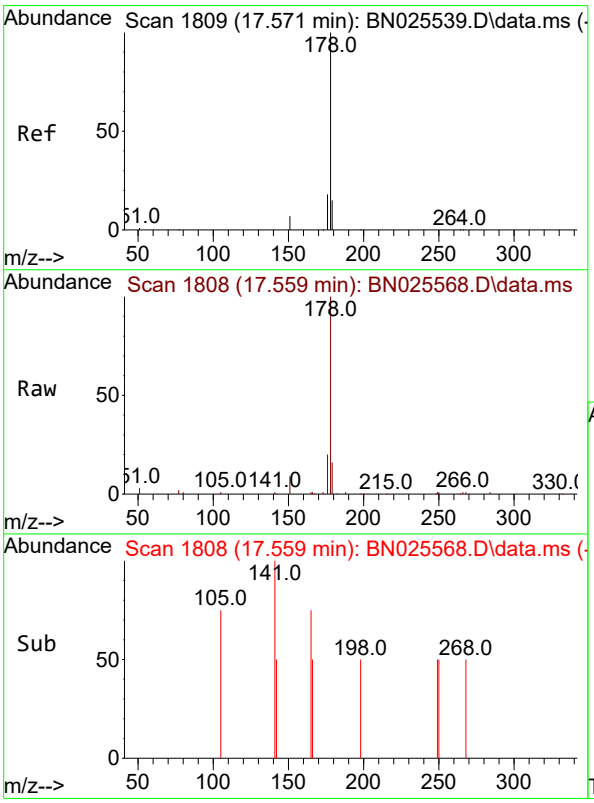
#25
Phenanthrene
Concen: 0.396 ng
RT: 17.472 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025568.D
Acq: 23 May 2023 10:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 20978

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.5	12.5	18.7

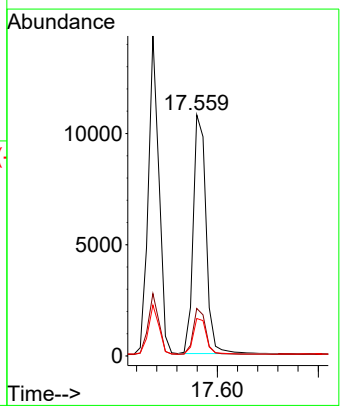


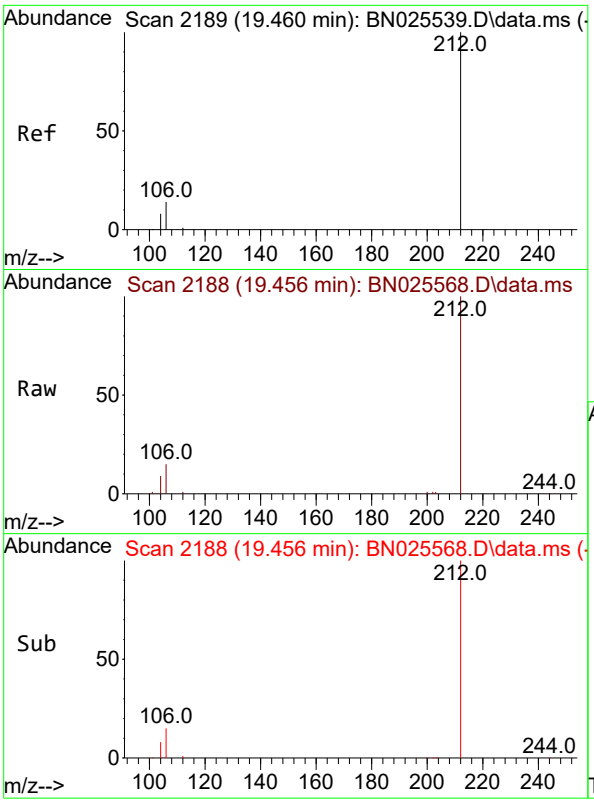


#26
Anthracene
Concen: 0.394 ng
RT: 17.559 min Scan# 1808
Delta R.T. -0.012 min
Lab File: BN025568.D
Acq: 23 May 2023 10:35

Tgt Ion:178 Resp: 18998

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.8	22.2
179	15.2	12.3	18.5



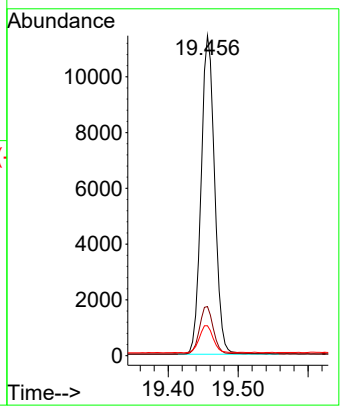


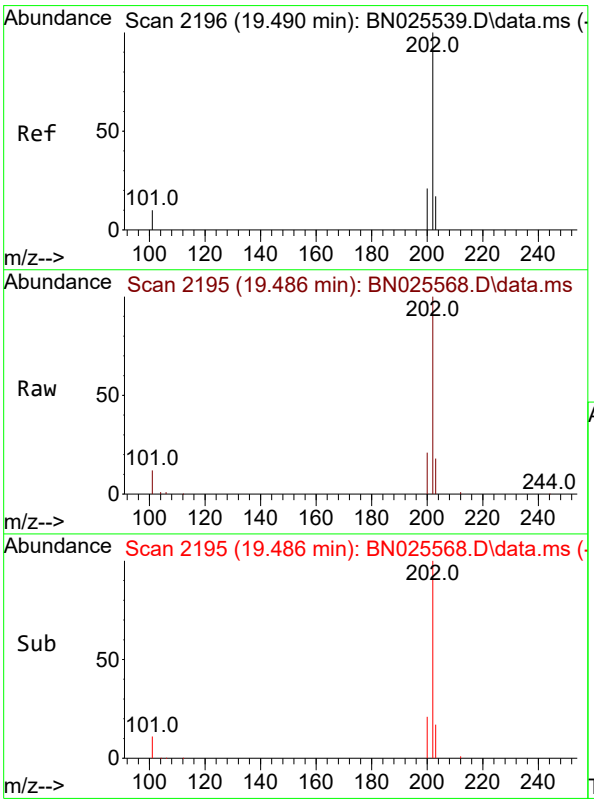
#27
Fluoranthene-d10
Concen: 0.394 ng
RT: 19.456 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN025568.D
Acq: 23 May 2023 10:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 15389

Ion	Ratio	Lower	Upper
212	100		
106	15.1	11.4	17.2
104	8.8	6.8	10.2

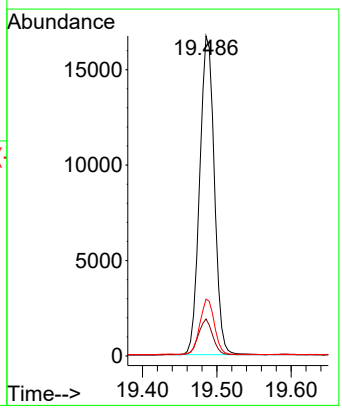


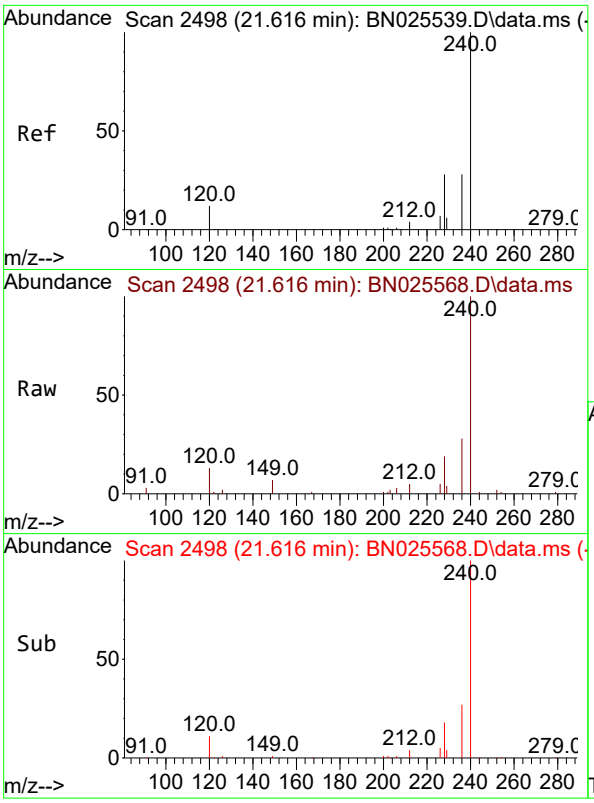


#28
Fluoranthene
Concen: 0.391 ng
RT: 19.486 min Scan# 2195
Delta R.T. -0.004 min
Lab File: BN025568.D
Acq: 23 May 2023 10:35

Tgt Ion:202 Resp: 22879

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.6	12.8
203	17.1	13.7	20.5



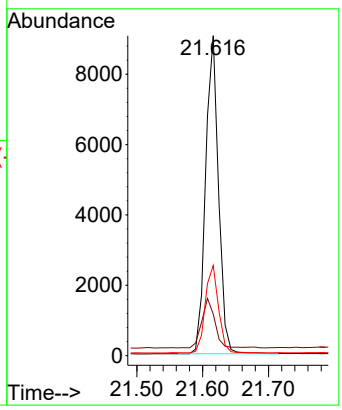


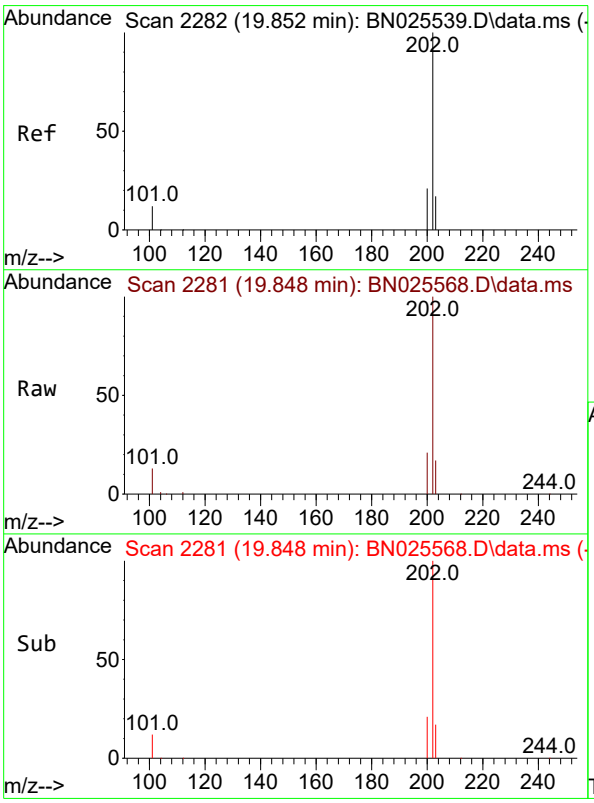
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.616 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN025568.D
Acq: 23 May 2023 10:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 12324

Ion	Ratio	Lower	Upper
240	100		
120	13.0	11.7	17.5
236	28.2	23.0	34.6

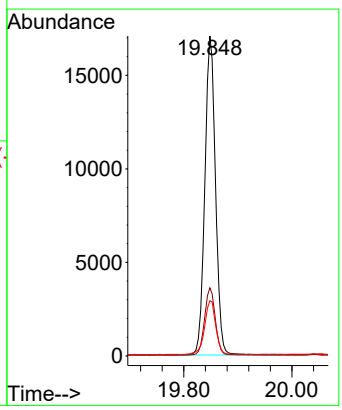


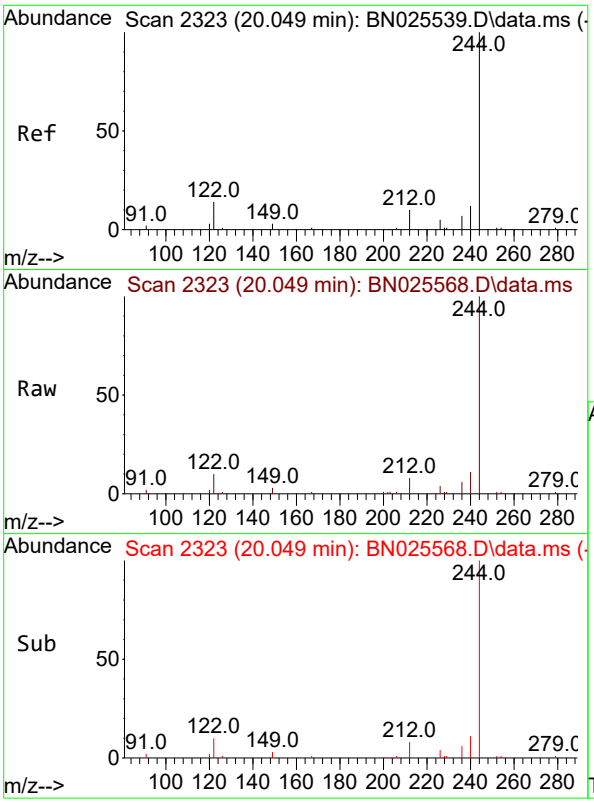


#30
Pyrene
Concen: 0.418 ng
RT: 19.848 min Scan# 2281
Delta R.T. -0.004 min
Lab File: BN025568.D
Acq: 23 May 2023 10:35

Tgt Ion:202 Resp: 23263

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.7	14.3	21.5



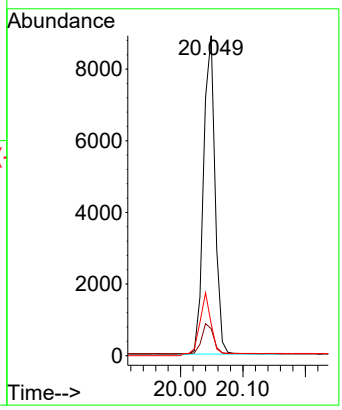


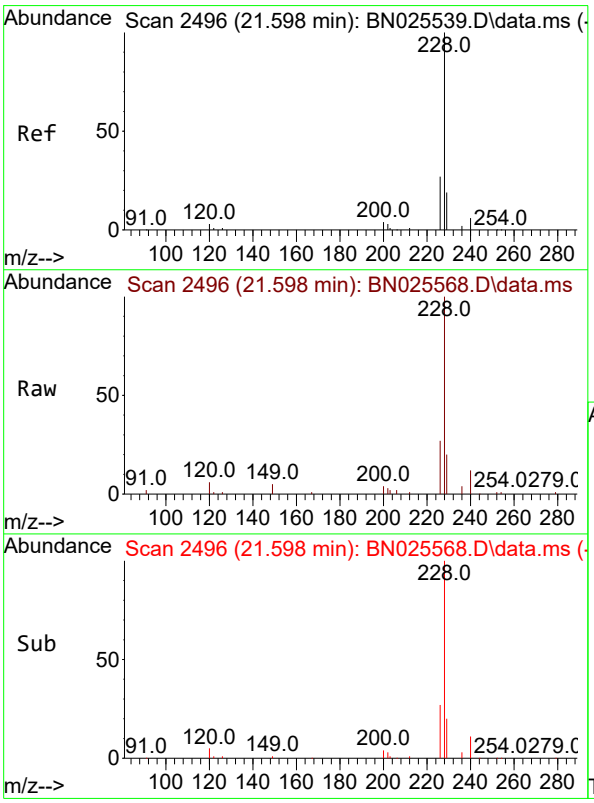
#31
Terphenyl-d14
Concen: 0.420 ng
RT: 20.049 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN025568.D
Acq: 23 May 2023 10:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 10718

Ion	Ratio	Lower	Upper
244	100		
212	8.5	8.4	12.6
122	9.9	11.4	17.0#

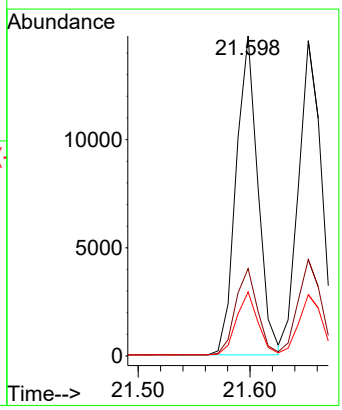


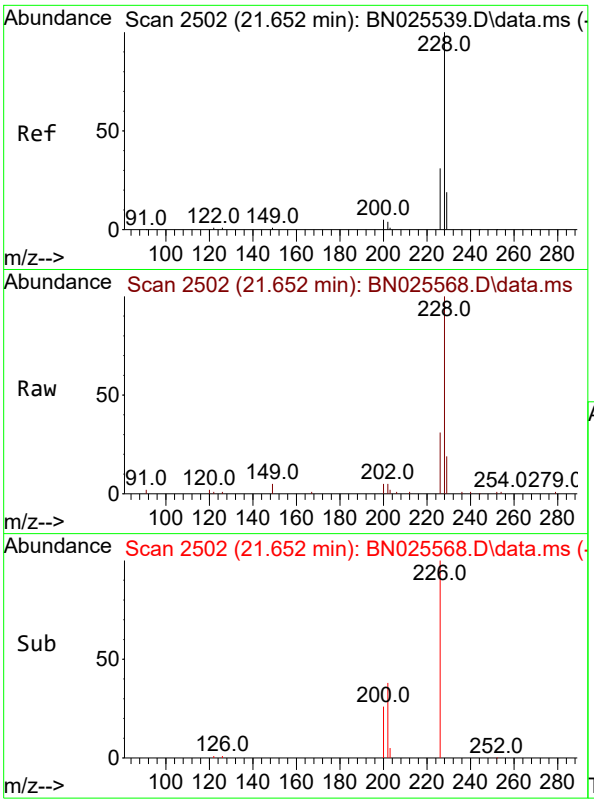


#32
Benzo(a)anthracene
Concen: 0.409 ng
RT: 21.598 min Scan# 2496
Delta R.T. 0.000 min
Lab File: BN025568.D
Acq: 23 May 2023 10:35

Tgt Ion:228 Resp: 19943

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.9	32.9
229	20.0	15.4	23.2



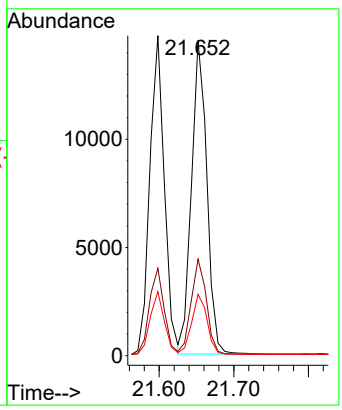


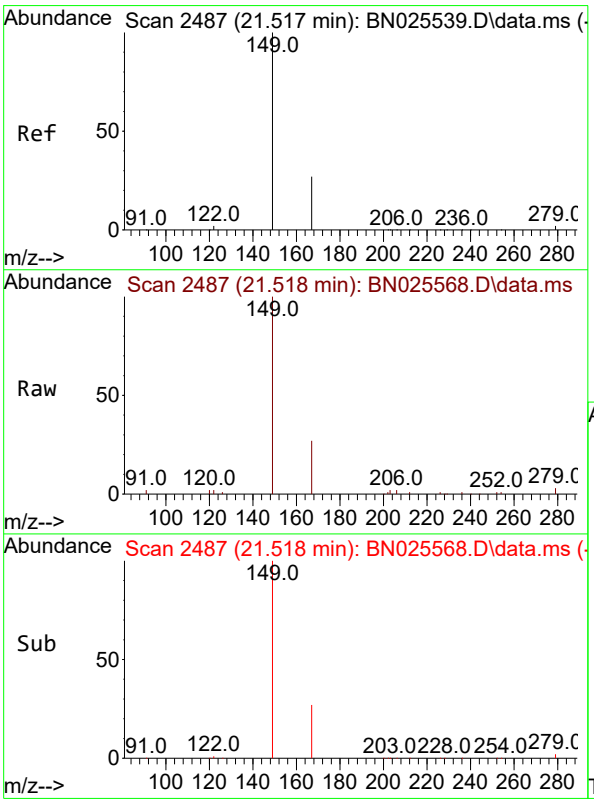
#33
Chrysene
Concen: 0.410 ng
RT: 21.652 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN025568.D
Acq: 23 May 2023 10:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 20767

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.7	37.1
229	19.5	15.7	23.5

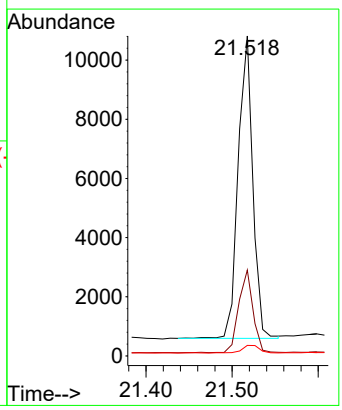


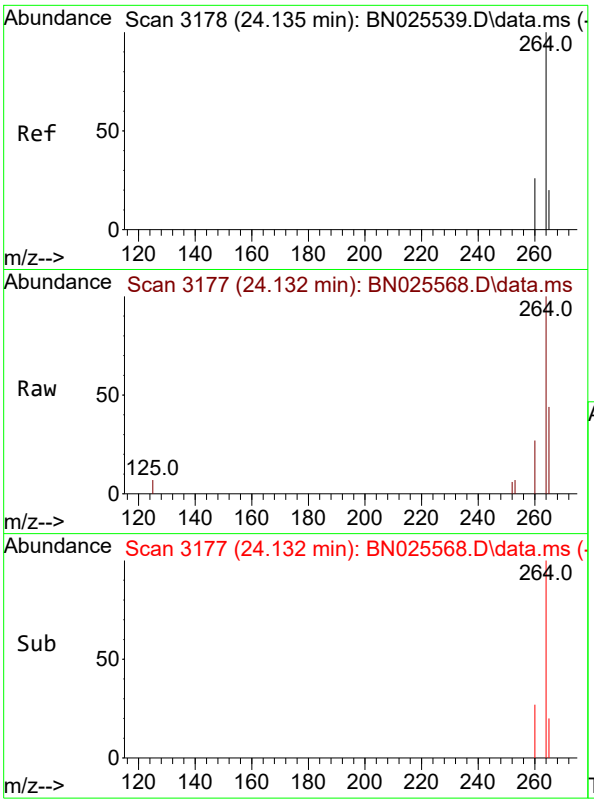


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.398 ng
RT: 21.518 min Scan# 2487
Delta R.T. 0.000 min
Lab File: BN025568.D
Acq: 23 May 2023 10:35

Tgt Ion:149 Resp: 12080

Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.5	32.3
279	3.1	2.6	4.0



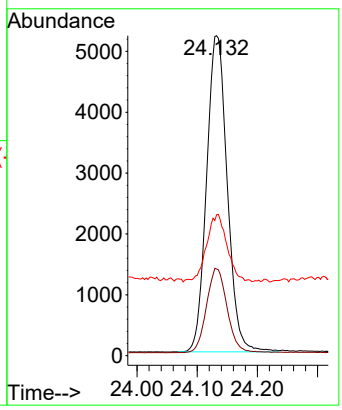


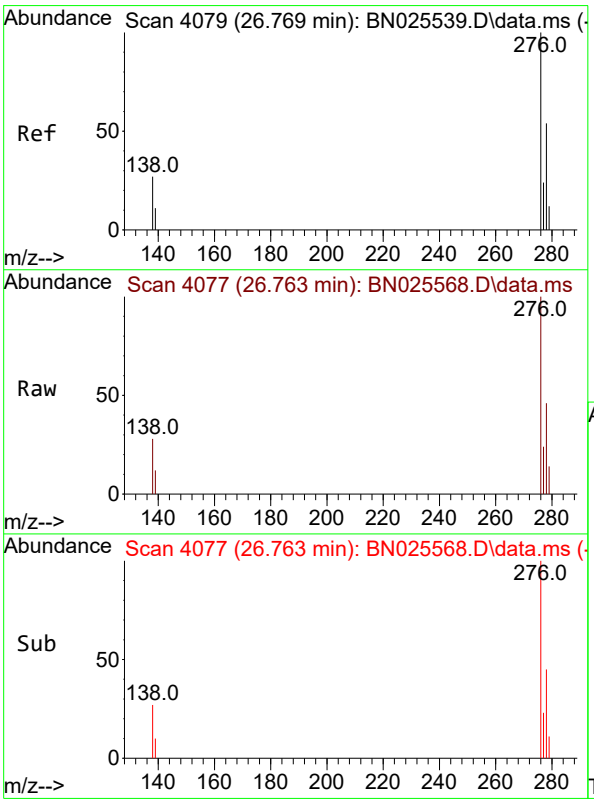
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.132 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN025568.D
Acq: 23 May 2023 10:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 12411

Ion	Ratio	Lower	Upper
264	100		
260	27.1	21.1	31.7
265	44.0	35.5	53.3

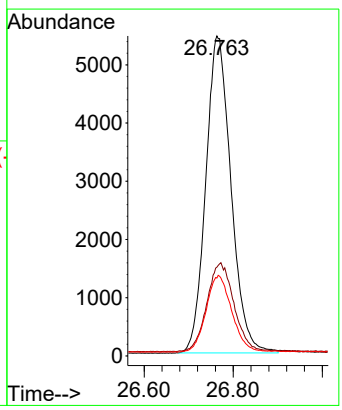


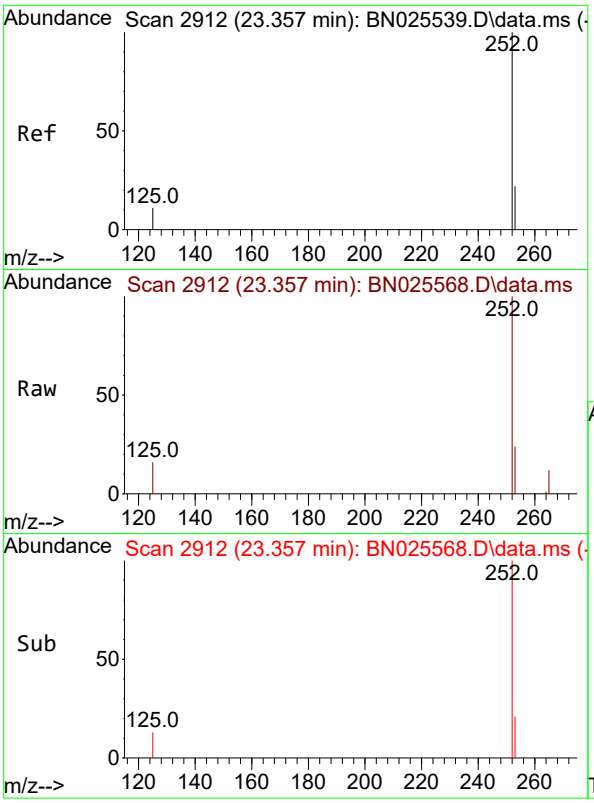


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.378 ng
RT: 26.763 min Scan# 4077
Delta R.T. -0.006 min
Lab File: BN025568.D
Acq: 23 May 2023 10:35

Tgt Ion:276 Resp: 21409

Ion	Ratio	Lower	Upper
276	100		
138	29.7	22.8	34.2
277	24.7	19.8	29.6



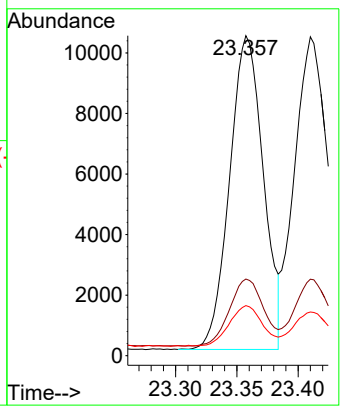


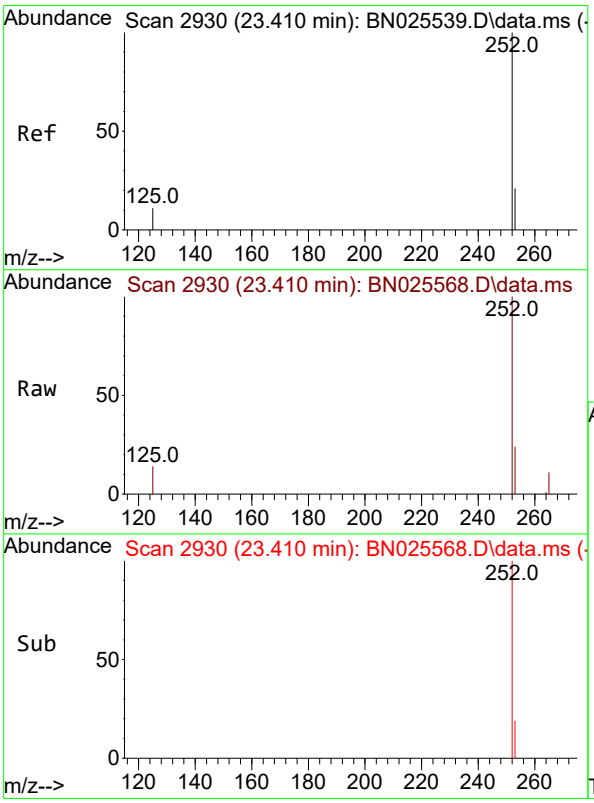
#37
Benzo(b)fluoranthene
Concen: 0.397 ng
RT: 23.357 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN025568.D
Acq: 23 May 2023 10:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 19859

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.7	29.5
125	15.6	11.3	16.9

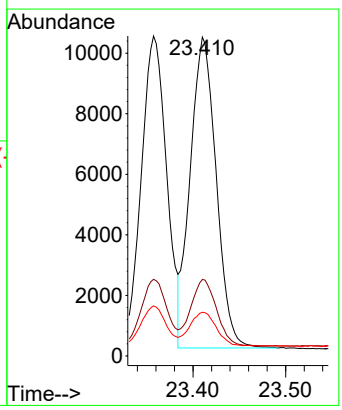


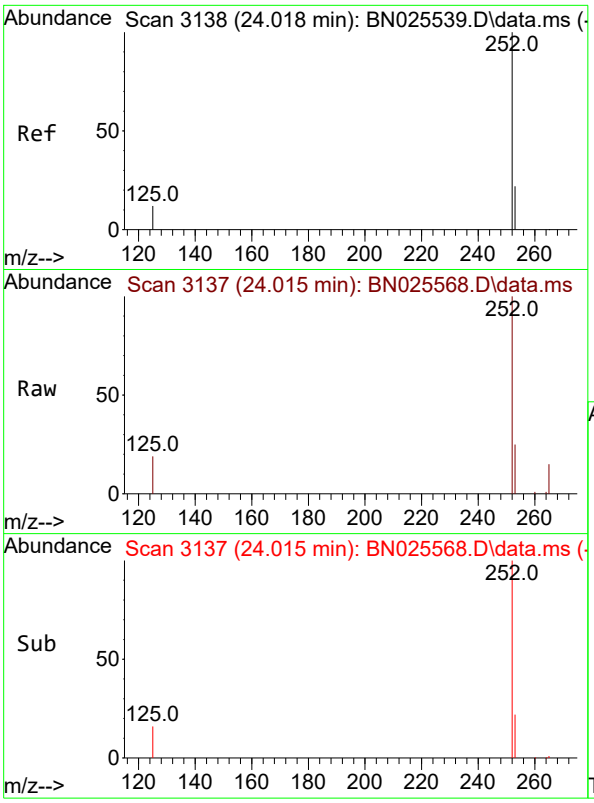


#38
Benzo(k)fluoranthene
Concen: 0.394 ng
RT: 23.410 min Scan# 2930
Delta R.T. 0.000 min
Lab File: BN025568.D
Acq: 23 May 2023 10:35

Tgt Ion:252 Resp: 20056

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.4	29.2
125	13.7	10.9	16.3



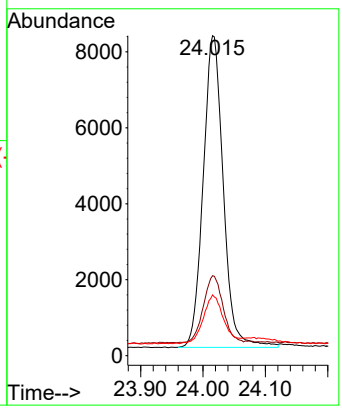


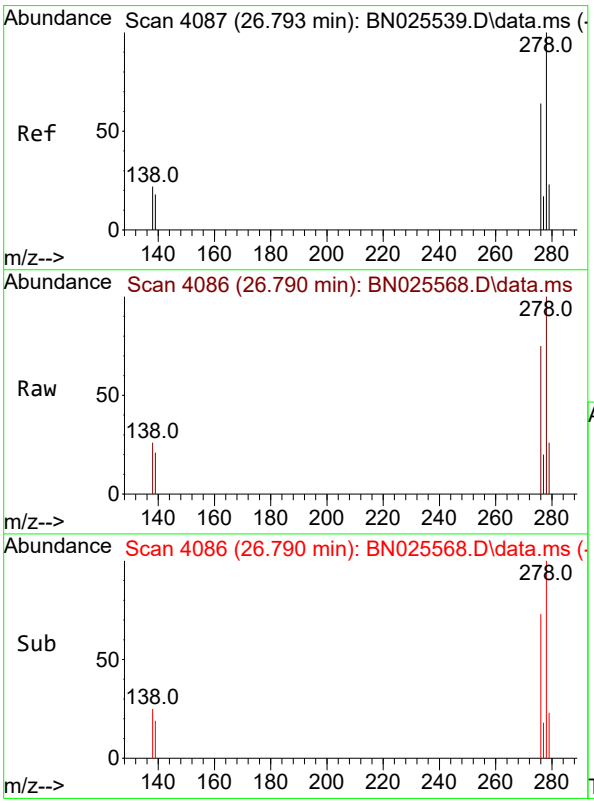
#39
Benzo(a)pyrene
Concen: 0.400 ng
RT: 24.015 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN025568.D
Acq: 23 May 2023 10:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 18384

Ion	Ratio	Lower	Upper
252	100		
253	25.0	20.3	30.5
125	19.0	12.7	19.1

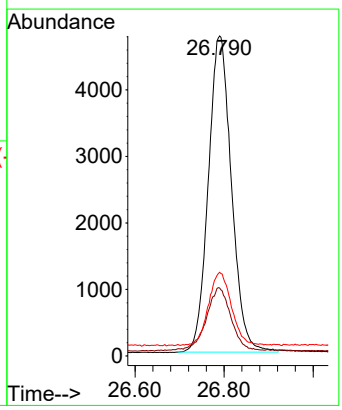


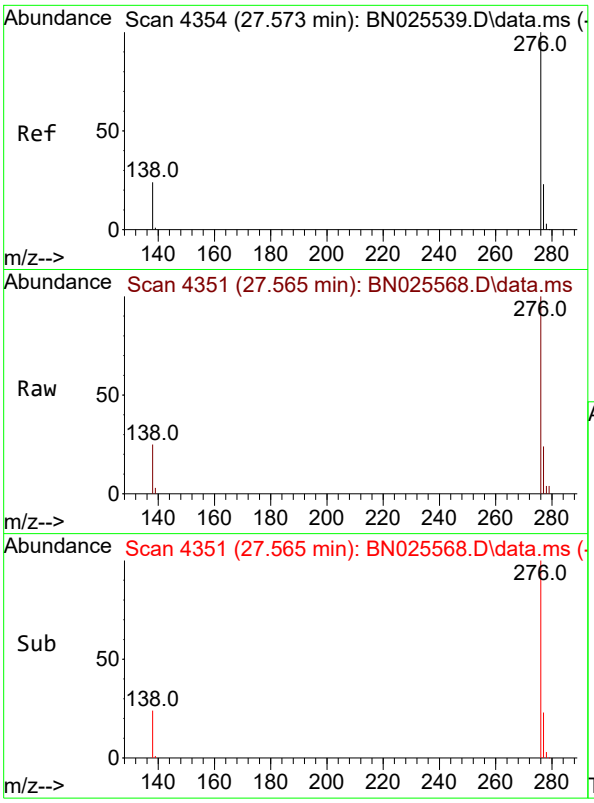


#40
Dibenzo(a,h)anthracene
Concen: 0.373 ng
RT: 26.790 min Scan# 4086
Delta R.T. -0.003 min
Lab File: BN025568.D
Acq: 23 May 2023 10:35

Tgt Ion:278 Resp: 17170

Ion	Ratio	Lower	Upper
278	100		
139	21.2	15.8	23.6
279	26.1	21.0	31.6





#41
Benzo(g,h,i)perylene
Concen: 0.358 ng
RT: 27.565 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN025568.D
Acq: 23 May 2023 10:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 17338

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.3	28.9
138	25.3	20.6	30.8