Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053123\
Data File : BN025739.D
Acq On : 31 May 2023 14:29
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Jun 01 00:52:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 01 00:50:40 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.012	152	6527	0.400	ng		0.00
7) Naphthalene-d8	10.824	136	18377	0.400	ng		0.00
13) Acenaphthene-d10	14.640	164	9813	0.400	ng		0.00
19) Phenanthrene-d10	17.381	188	18077	0.400	ng		0.00
29) Chrysene-d12	21.569	240	9003	0.400	ng	#	0.00
35) Perylene-d12	24.051	264	8702	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.549	112	15249	0.831	ng		0.00
5) Phenol-d6	7.160	99	18686	0.829	ng		0.00
8) Nitrobenzene-d5	9.170	82	13926	0.816	ng		0.00
11) 2-Methylnaphthalene-d10	12.407	152	21315	0.806	ng		0.00
14) 2,4,6-Tribromophenol	16.127	330	2246	0.742	ng		-0.01
15) 2-Fluorobiphenyl	13.272	172	34418	0.830	ng		0.00
27) Fluoranthene-d10	19.416	212	28247	0.760	ng		0.00
31) Terphenyl-d14	20.006	244	16964	0.777	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.390	88	6436	0.840	ng		98
3) n-Nitrosodimethylamine	3.722	42	8054	0.824	ng		100
6) bis(2-Chloroethyl)ether	7.427	93	16725	0.818	ng		98
9) Naphthalene	10.878	128	43078	0.784	ng		100
10) Hexachlorobutadiene	11.166	225	6920	0.819	ng	#	100
12) 2-Methylnaphthalene	12.479	142	28010	0.802	ng		99
16) Acenaphthylene	14.363	152	37993	0.804	ng		100
17) Acenaphthene	14.705	154	24687	0.797	ng		100
18) Fluorene	15.680	166	31342	0.786	ng		99
20) 4,6-Dinitro-2-methylph...	15.767	198	2788	0.825	ng	#	79
21) 4-Bromophenyl-phenylether	16.574	248	8493	0.812	ng		99
22) Hexachlorobenzene	16.698	284	7427	0.829	ng		99
23) Atrazine	16.835	200	6465	0.758	ng		99
24) Pentachlorophenol	17.046	266	2631	0.788	ng		99
25) Phenanthrene	17.430	178	44761	0.806	ng		100
26) Anthracene	17.517	178	40412	0.795	ng		100
28) Fluoranthene	19.444	202	41725	0.761	ng		100
30) Pyrene	19.806	202	41427	0.812	ng		100
32) Benzo(a)anthracene	21.560	228	28341	0.815	ng		98
33) Chrysene	21.614	228	30457	0.828	ng		98
34) Bis(2-ethylhexyl)phtha...	21.471	149	16114	0.728	ng		100
36) Indeno(1,2,3-cd)pyrene	26.630	276	32782	0.871	ng		100
37) Benzo(b)fluoranthene	23.291	252	26986	0.786	ng		97
38) Benzo(k)fluoranthene	23.338	252	27456	0.796	ng		96
39) Benzo(a)pyrene	23.937	252	25988	0.799	ng		93
40) Dibenzo(a,h)anthracene	26.653	278	26337	0.882	ng		95
41) Benzo(g,h,i)perylene	27.425	276	29665	0.879	ng		97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053123\
Data File : BN025739.D
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Operator : CG/JU
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Misc :
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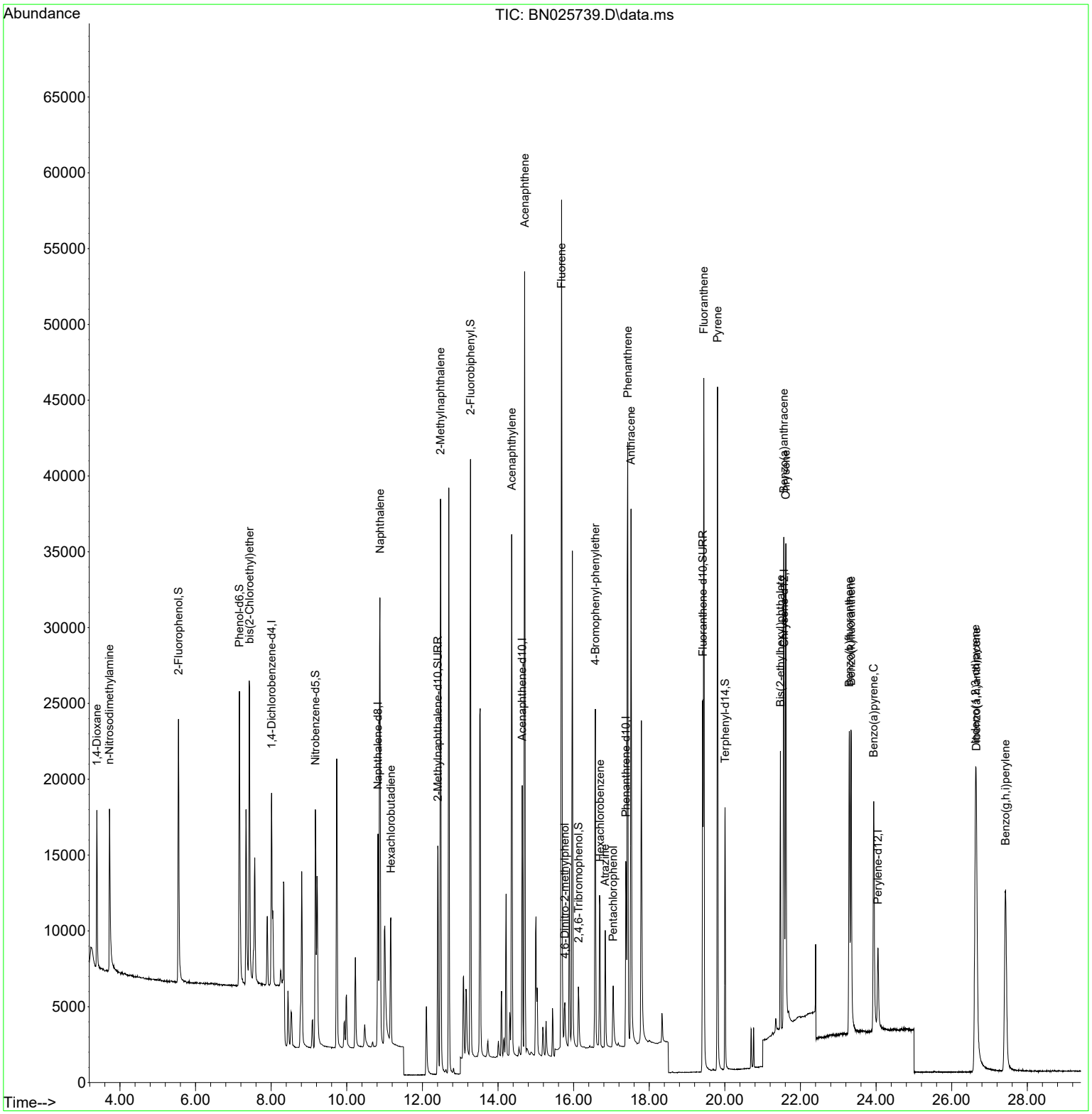
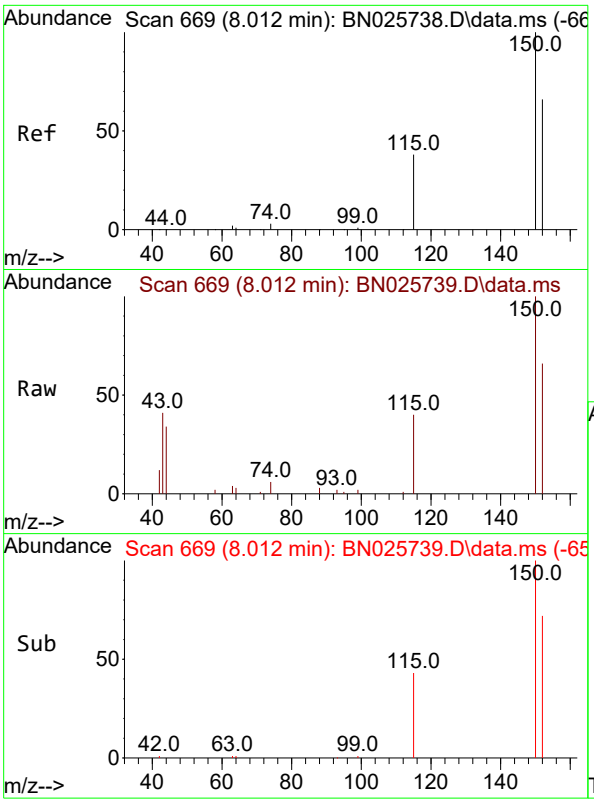
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Jun 01 00:52:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 01 00:50:40 2023
Response via : Initial Calibration



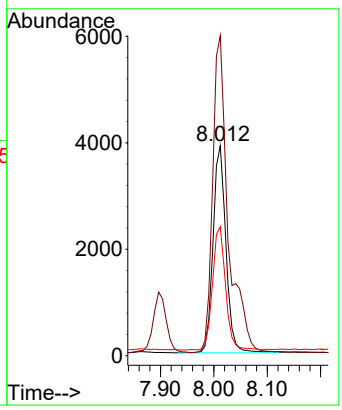


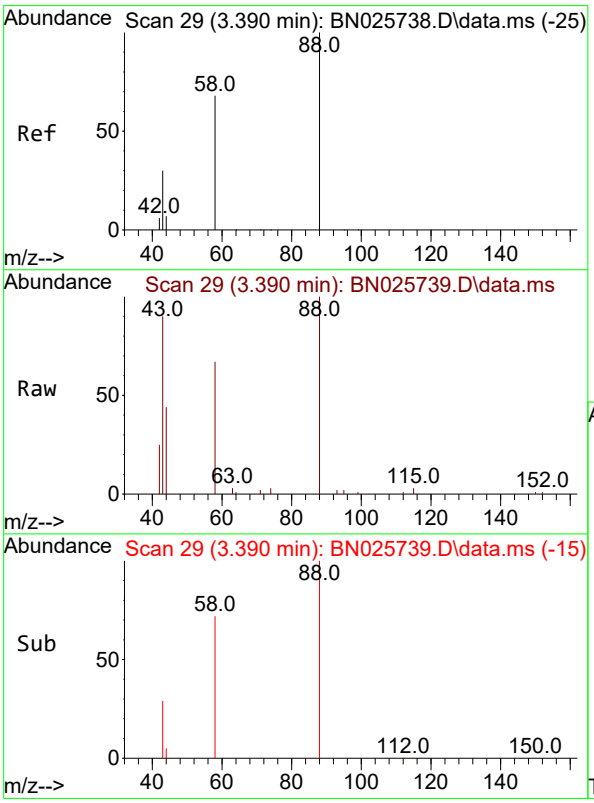
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.012 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN025739.D
Acq: 31 May 2023 14:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 6527

Ion	Ratio	Lower	Upper
152	100		
150	152.5	121.5	182.3
115	61.5	47.7	71.5

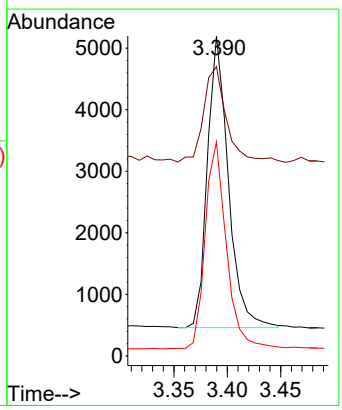


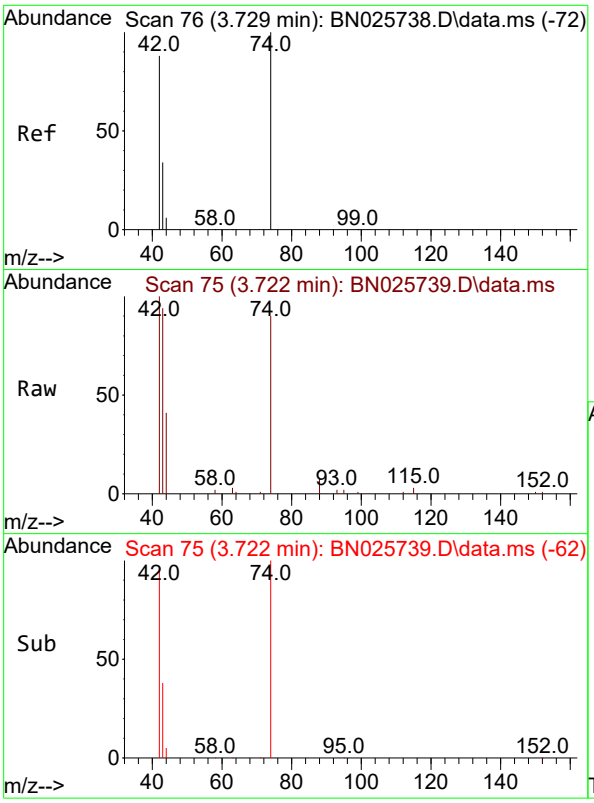


#2
1,4-Dioxane
Concen: 0.840 ng
RT: 3.390 min Scan# 29
Delta R.T. -0.000 min
Lab File: BN025739.D
Acq: 31 May 2023 14:29

Tgt Ion: 88 Resp: 6436

Ion	Ratio	Lower	Upper
88	100		
43	35.5	31.0	46.4
58	72.1	57.3	85.9



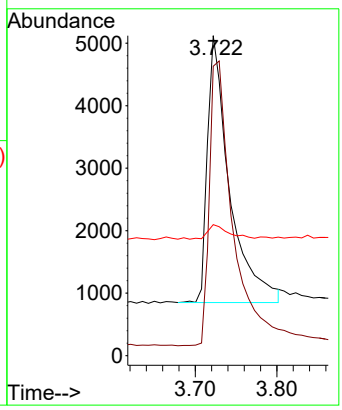


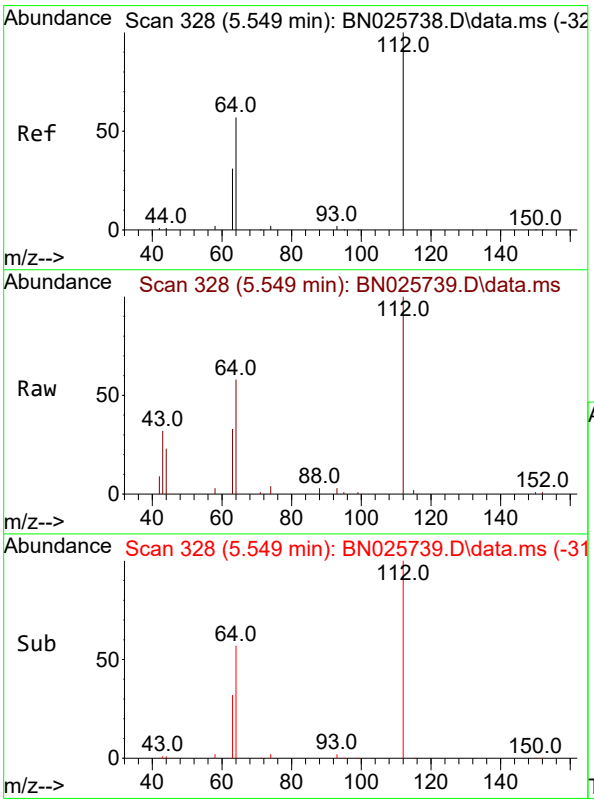
#3
n-Nitrosodimethylamine
Concen: 0.824 ng
RT: 3.722 min Scan# 7
Delta R.T. -0.007 min
Lab File: BN025739.D
Acq: 31 May 2023 14:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 8054

Ion	Ratio	Lower	Upper
42	100		
74	112.9	90.5	135.7
44	5.2	4.4	6.6

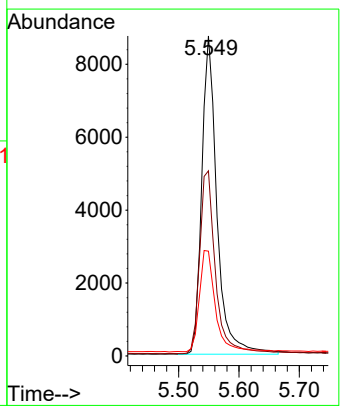


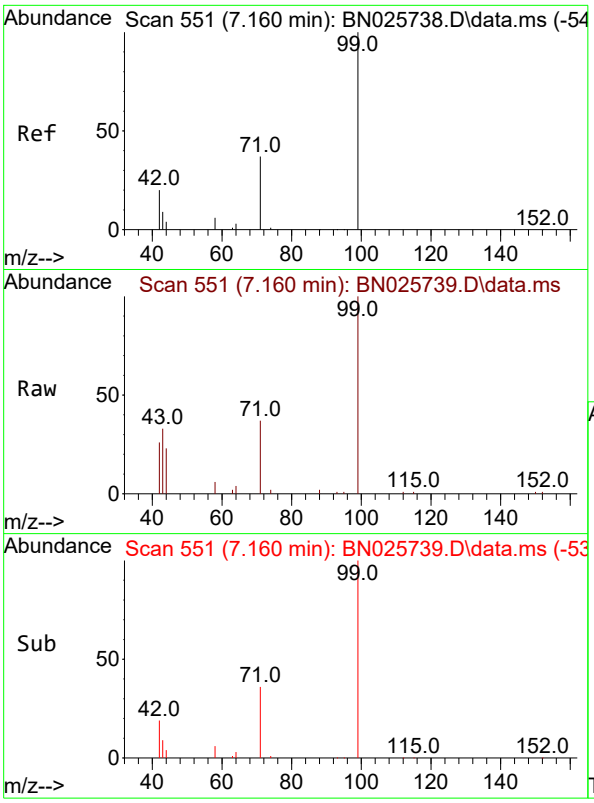


#4
2-Fluorophenol
Concen: 0.831 ng
RT: 5.549 min Scan# 328
Delta R.T. -0.000 min
Lab File: BN025739.D
Acq: 31 May 2023 14:29

Tgt Ion:112 Resp: 15249

Ion	Ratio	Lower	Upper
112	100		
64	60.1	47.5	71.3
63	34.0	26.2	39.4



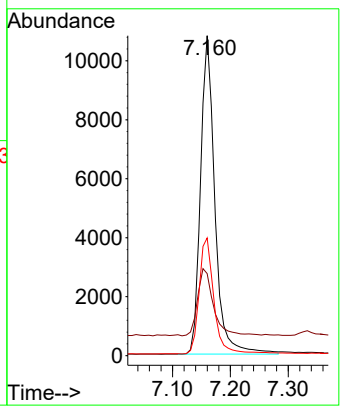


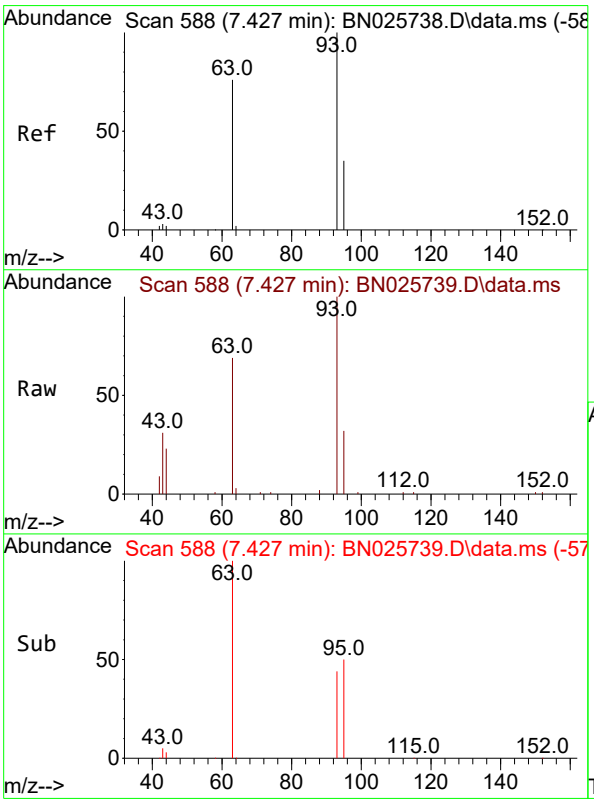
#5
Phenol-d6
Concen: 0.829 ng
RT: 7.160 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN025739.D
Acq: 31 May 2023 14:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 18686

Ion	Ratio	Lower	Upper
99	100		
42	23.1	18.6	28.0
71	37.6	30.5	45.7

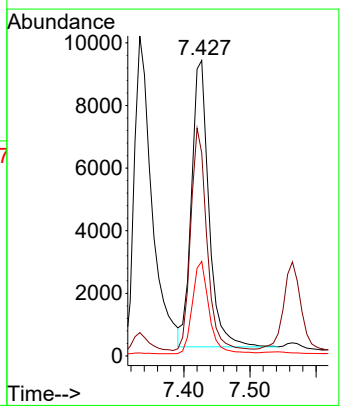


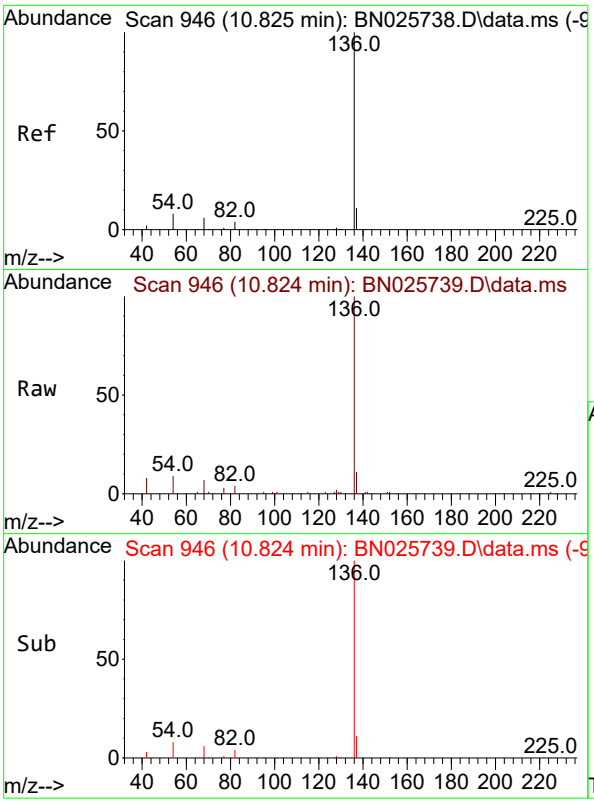


#6
bis(2-Chloroethyl)ether
Concen: 0.818 ng
RT: 7.427 min Scan# 588
Delta R.T. -0.000 min
Lab File: BN025739.D
Acq: 31 May 2023 14:29

Tgt Ion: 93 Resp: 16725

Ion	Ratio	Lower	Upper
93	100		
63	72.5	56.4	84.6
95	30.9	24.6	37.0



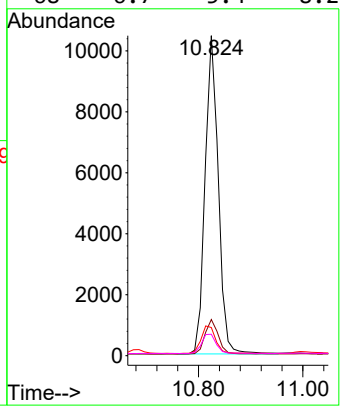


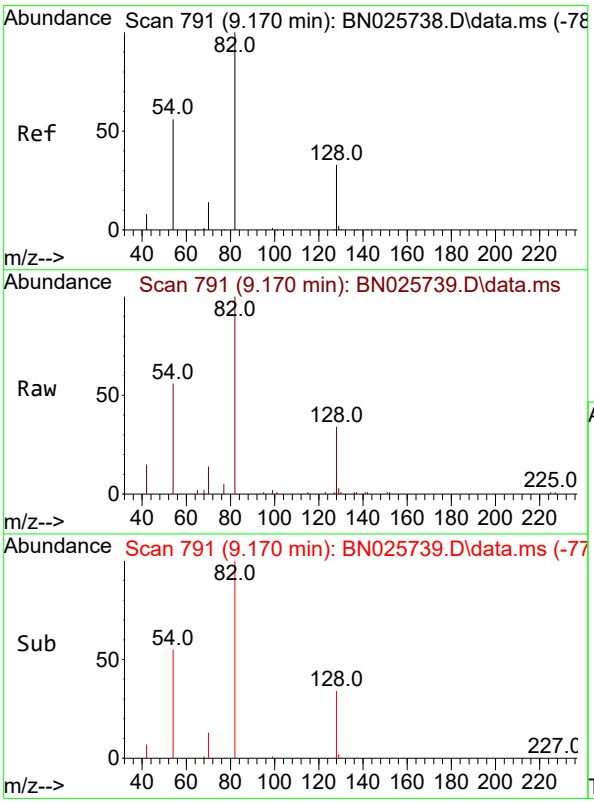
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.824 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN025739.D
Acq: 31 May 2023 14:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 18377

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	8.8	7.2	10.8
68	6.7	5.4	8.2

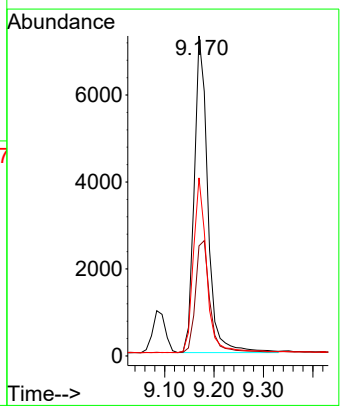


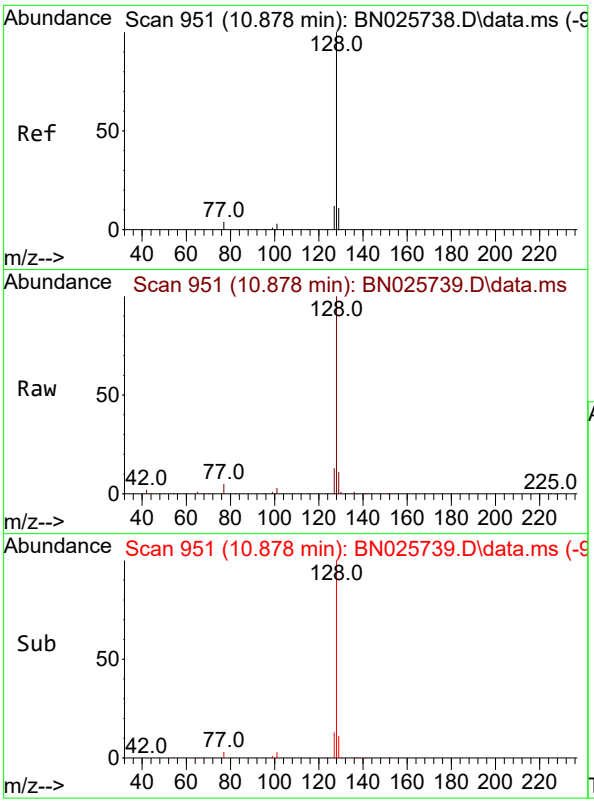


#8
Nitrobenzene-d5
Concen: 0.816 ng
RT: 9.170 min Scan# 791
Delta R.T. -0.000 min
Lab File: BN025739.D
Acq: 31 May 2023 14:29

Tgt Ion: 82 Resp: 13926

Ion	Ratio	Lower	Upper
82	100		
128	34.4	27.6	41.4
54	55.6	45.7	68.5



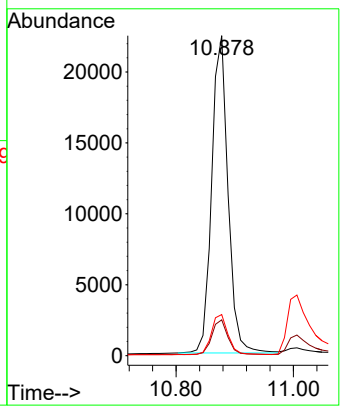


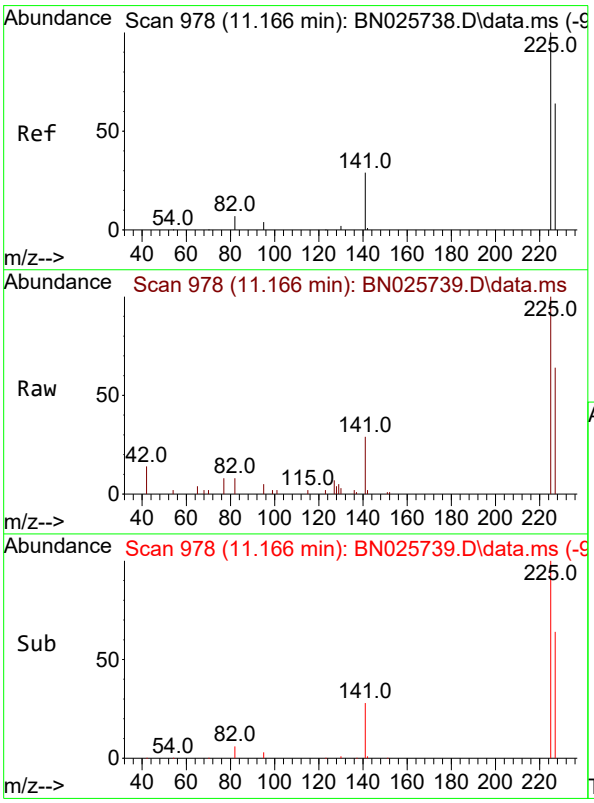
#9
Naphthalene
Concen: 0.784 ng
RT: 10.878 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN025739.D
Acq: 31 May 2023 14:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 43078

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.1	13.7
127	12.8	10.3	15.5

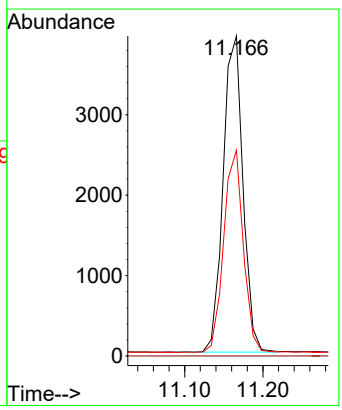


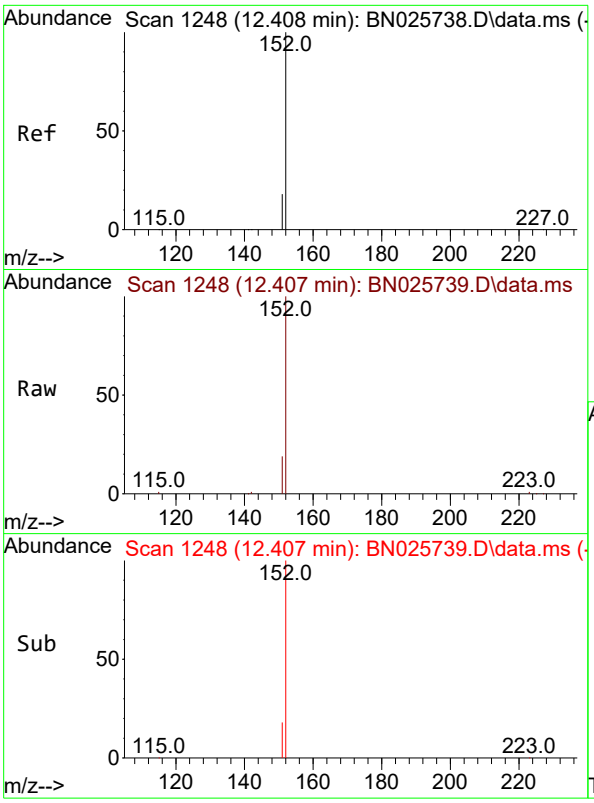


#10
Hexachlorobutadiene
Concen: 0.819 ng
RT: 11.166 min Scan# 978
Delta R.T. -0.000 min
Lab File: BN025739.D
Acq: 31 May 2023 14:29

Tgt Ion:225 Resp: 6920

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.2	50.4	75.6



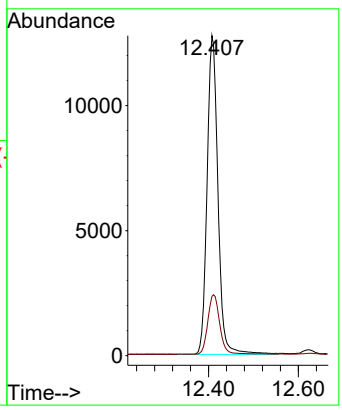


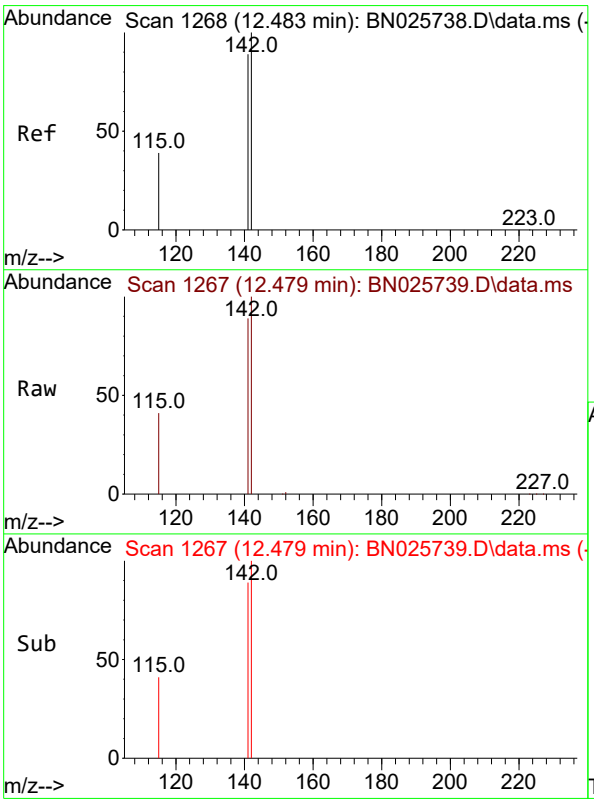
#11
2-Methylnaphthalene-d10
Concen: 0.806 ng
RT: 12.407 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025739.D
Acq: 31 May 2023 14:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 21315

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.4	24.6

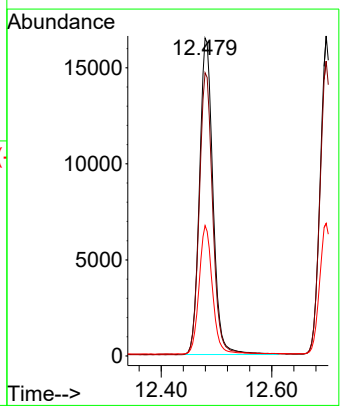


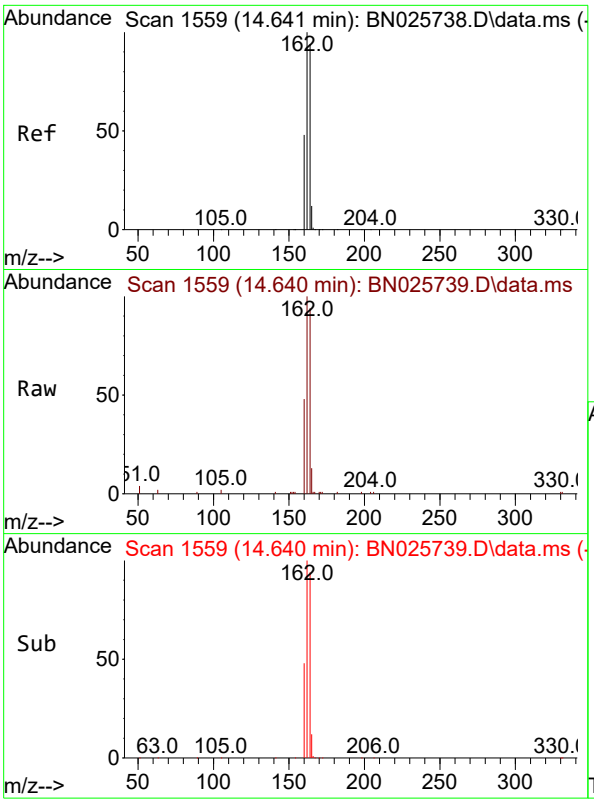


#12
2-Methylnaphthalene
Concen: 0.802 ng
RT: 12.479 min Scan# 1267
Delta R.T. -0.004 min
Lab File: BN025739.D
Acq: 31 May 2023 14:29

Tgt Ion:142 Resp: 28010

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.2	106.8
115	41.0	31.7	47.5



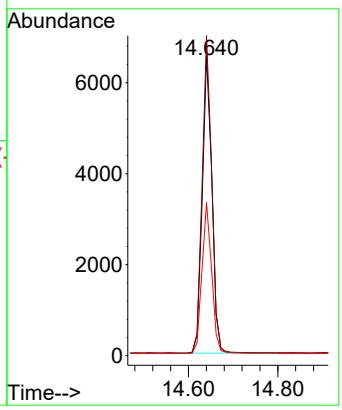


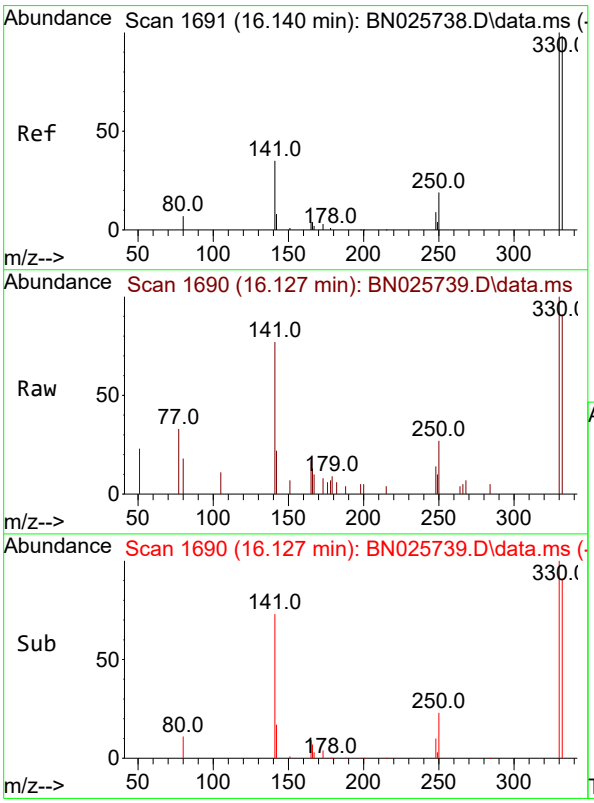
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.640 min Scan# 1
Delta R.T. -0.001 min
Lab File: BN025739.D
Acq: 31 May 2023 14:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 9813

Ion	Ratio	Lower	Upper
164	100		
162	106.5	85.0	127.6
160	51.0	41.1	61.7

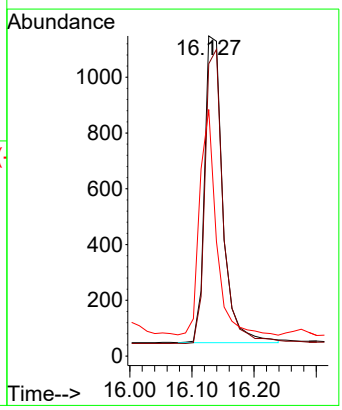


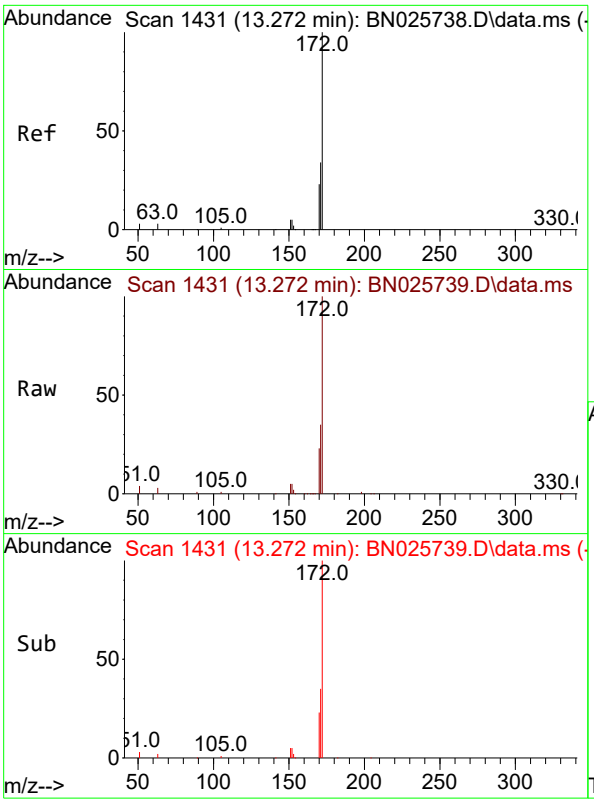


#14
2,4,6-Tribromophenol
Concen: 0.742 ng
RT: 16.127 min Scan# 1690
Delta R.T. -0.013 min
Lab File: BN025739.D
Acq: 31 May 2023 14:29

Tgt Ion:330 Resp: 2246

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.3	115.9
141	67.5	55.0	82.6



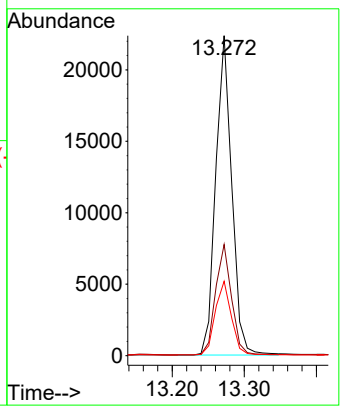


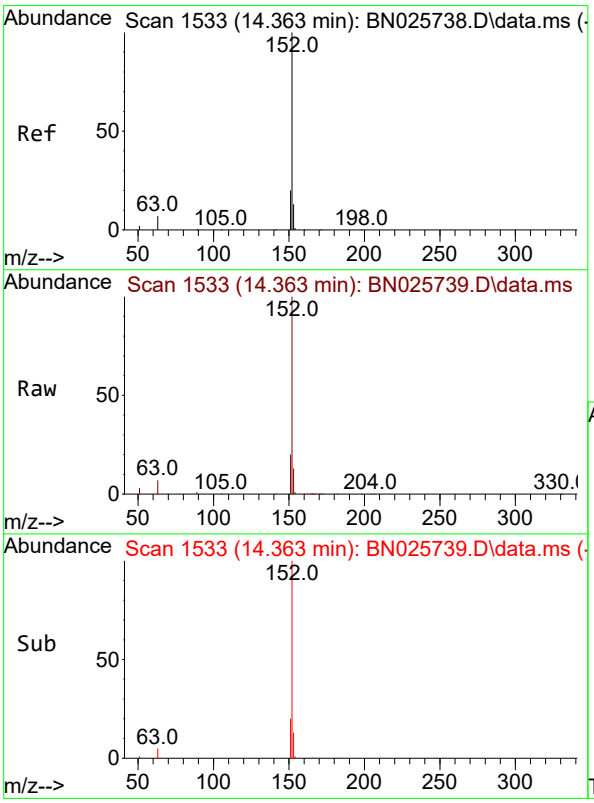
#15
2-Fluorobiphenyl
Concen: 0.830 ng
RT: 13.272 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN025739.D
Acq: 31 May 2023 14:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 34418

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.3	40.9
170	23.3	18.6	28.0

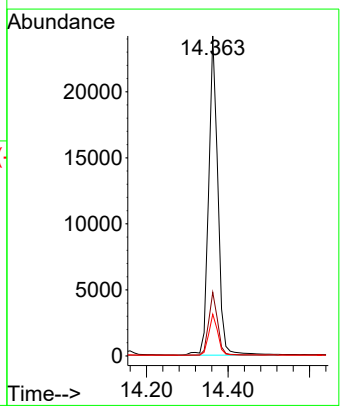


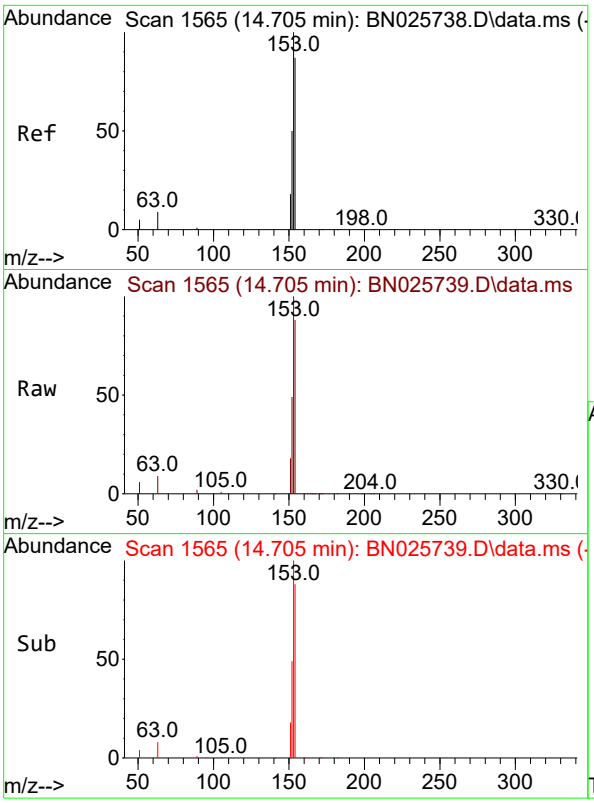


#16
Acenaphthylene
Concen: 0.804 ng
RT: 14.363 min Scan# 1533
Delta R.T. -0.000 min
Lab File: BN025739.D
Acq: 31 May 2023 14:29

Tgt Ion:152 Resp: 37993

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.0
153	12.8	10.4	15.6



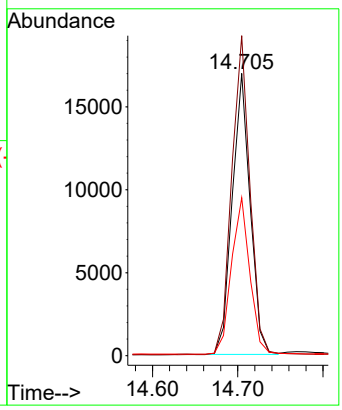


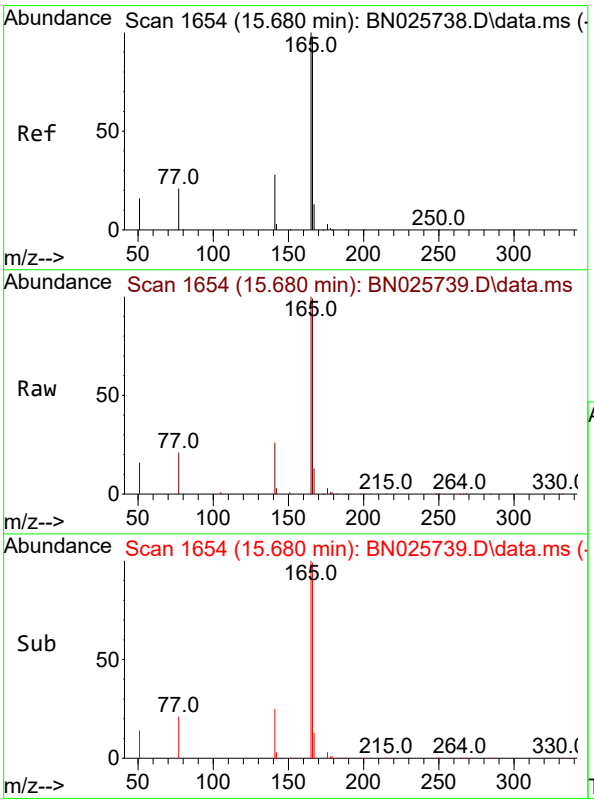
#17
Acenaphthene
Concen: 0.797 ng
RT: 14.705 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025739.D
Acq: 31 May 2023 14:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 24687

Ion	Ratio	Lower	Upper
154	100		
153	115.9	93.0	139.6
152	57.6	46.5	69.7

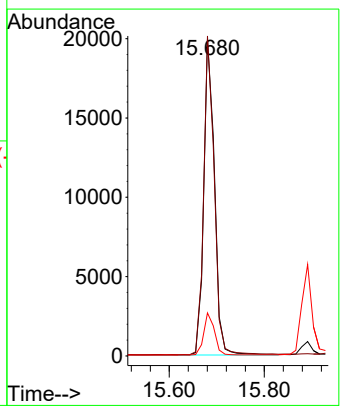


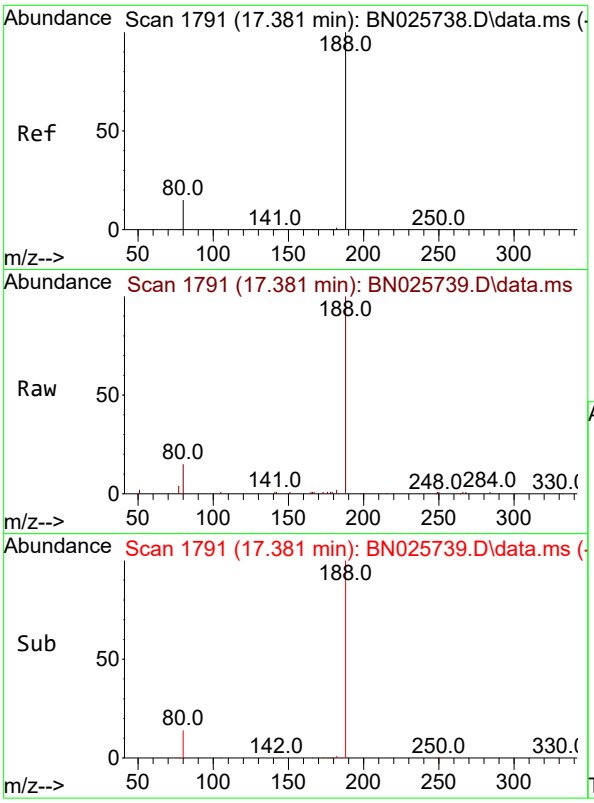


#18
Fluorene
Concen: 0.786 ng
RT: 15.680 min Scan# 1654
Delta R.T. 0.000 min
Lab File: BN025739.D
Acq: 31 May 2023 14:29

Tgt Ion:166 Resp: 31342

Ion	Ratio	Lower	Upper
166	100		
165	99.3	80.1	120.1
167	13.4	10.7	16.1



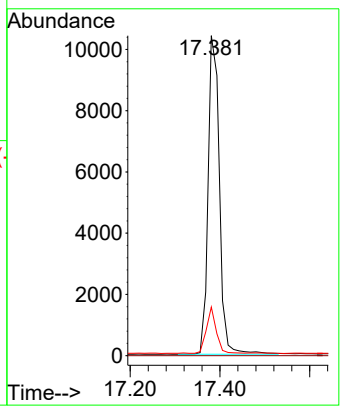


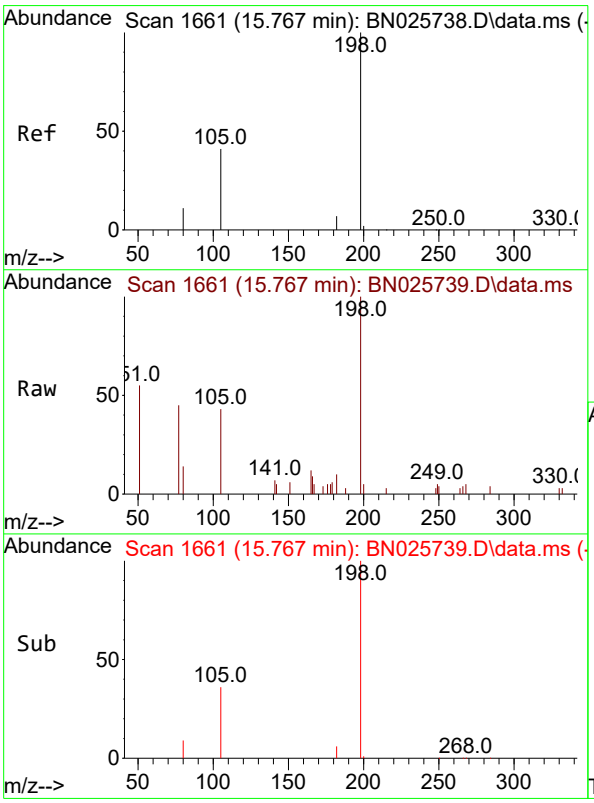
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.381 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025739.D
Acq: 31 May 2023 14:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 18077

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.2	12.1	18.1

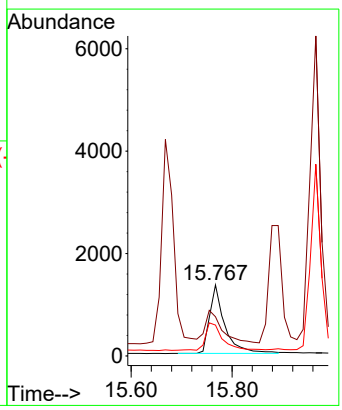


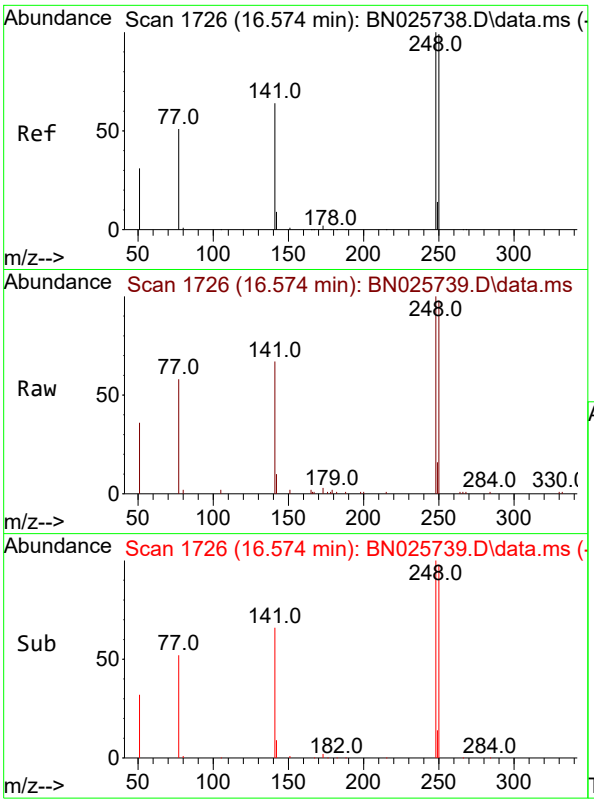


#20
4,6-Dinitro-2-methylphenol
Concen: 0.825 ng
RT: 15.767 min Scan# 1661
Delta R.T. 0.000 min
Lab File: BN025739.D
Acq: 31 May 2023 14:29

Tgt Ion:198 Resp: 2788

Ion	Ratio	Lower	Upper
198	100		
51	55.2	62.7	94.1#
105	43.4	42.2	63.4



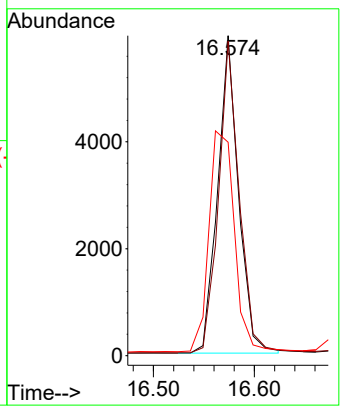


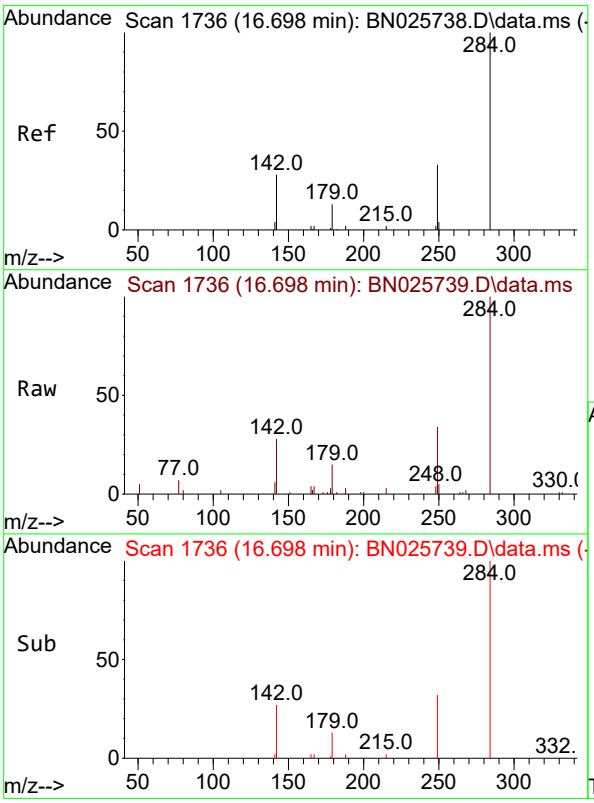
#21
4-Bromophenyl-phenylether
Concen: 0.812 ng
RT: 16.574 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025739.D
Acq: 31 May 2023 14:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:248 Resp: 8493

Ion	Ratio	Lower	Upper
248	100		
250	98.3	79.1	118.7
141	66.7	51.9	77.9

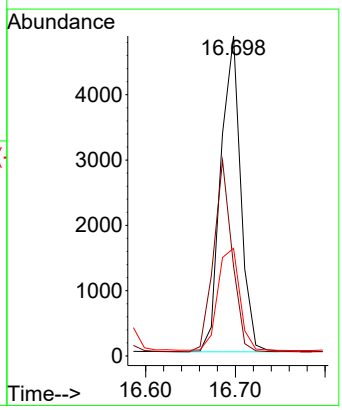


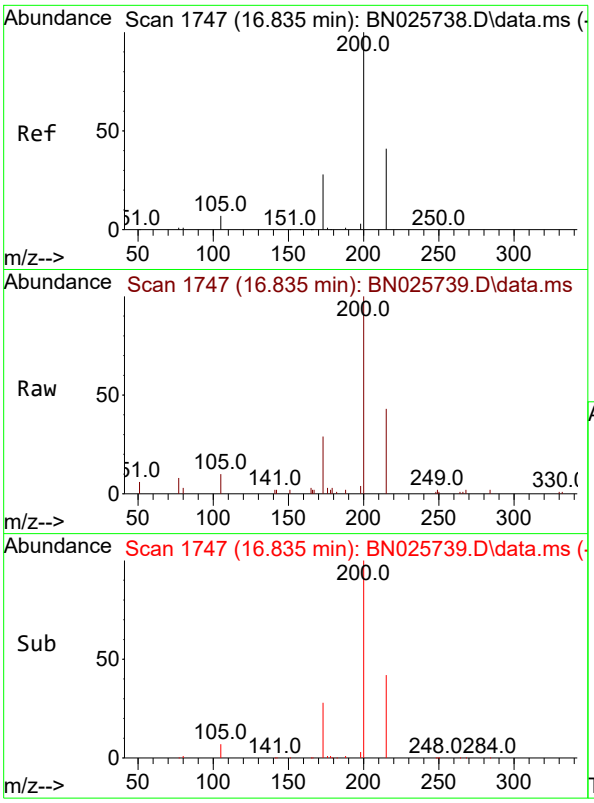


#22
Hexachlorobenzene
Concen: 0.829 ng
RT: 16.698 min Scan# 1736
Delta R.T. -0.000 min
Lab File: BN025739.D
Acq: 31 May 2023 14:29

Tgt Ion:284 Resp: 7427

Ion	Ratio	Lower	Upper
284	100		
142	56.3	45.0	67.4
249	35.6	29.6	44.4



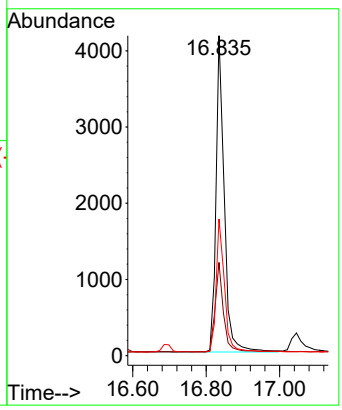


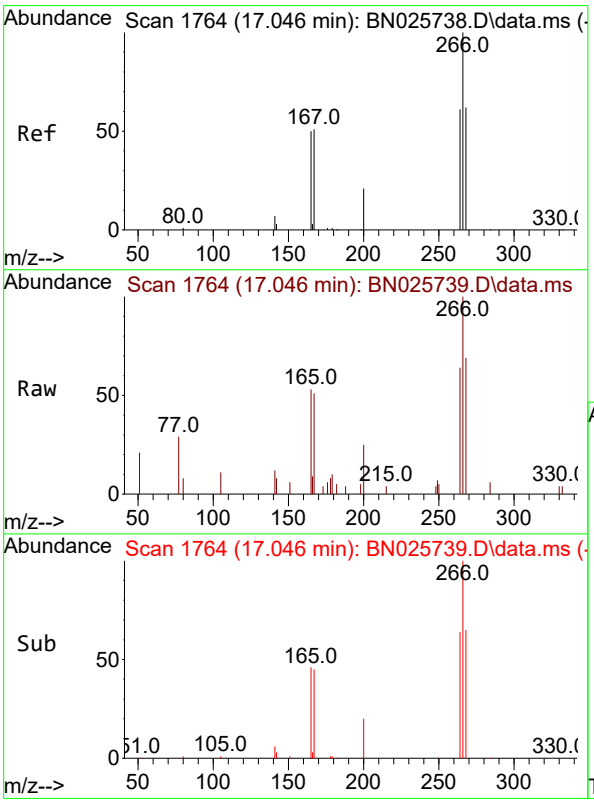
#23
Atrazine
Concen: 0.758 ng
RT: 16.835 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025739.D
Acq: 31 May 2023 14:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:200 Resp: 6465

Ion	Ratio	Lower	Upper
200	100		
173	29.1	23.8	35.6
215	42.7	33.8	50.6

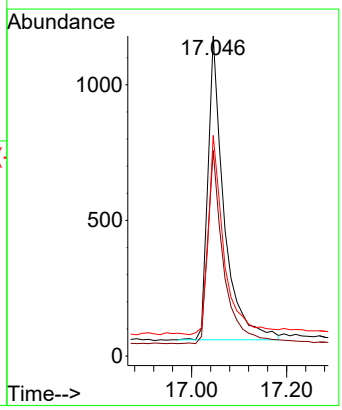


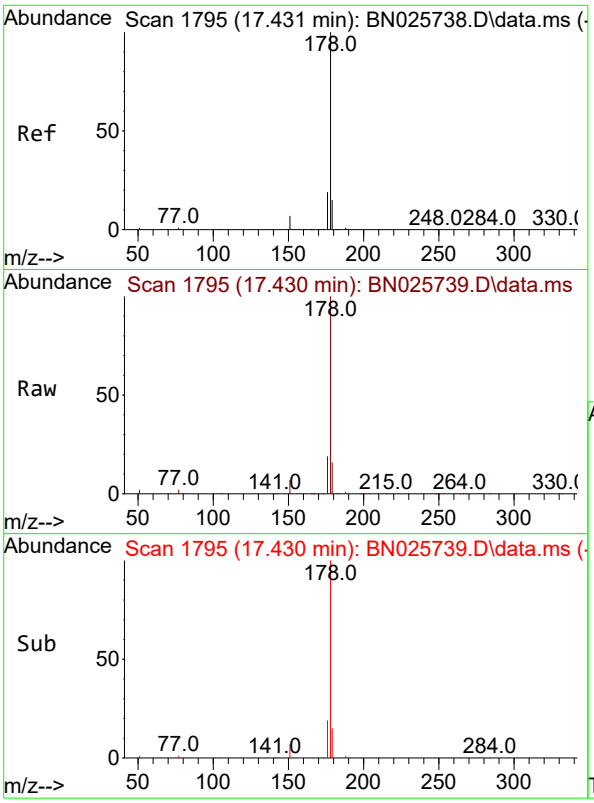


#24
Pentachlorophenol
Concen: 0.788 ng
RT: 17.046 min Scan# 1764
Delta R.T. -0.000 min
Lab File: BN025739.D
Acq: 31 May 2023 14:29

Tgt Ion:266 Resp: 2631

Ion	Ratio	Lower	Upper
266	100		
264	62.7	48.6	73.0
268	64.4	51.8	77.6



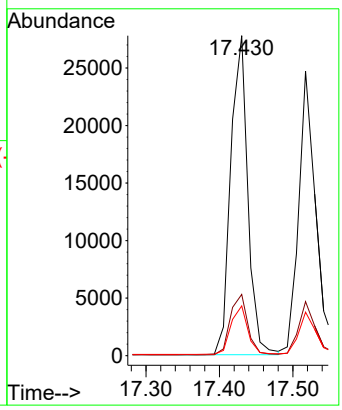


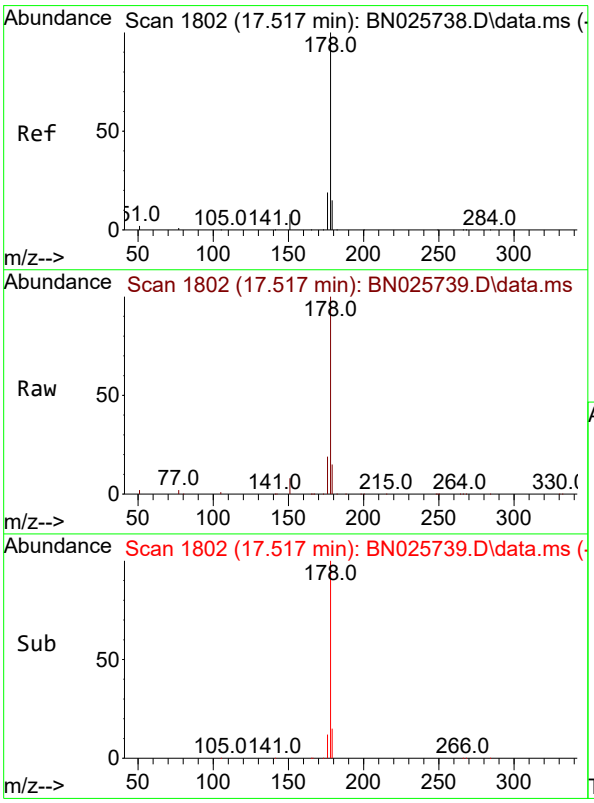
#25
Phenanthrene
Concen: 0.806 ng
RT: 17.430 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025739.D
Acq: 31 May 2023 14:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 44761

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.7	23.5
179	15.1	12.2	18.2

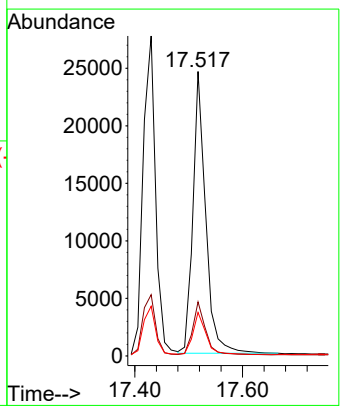


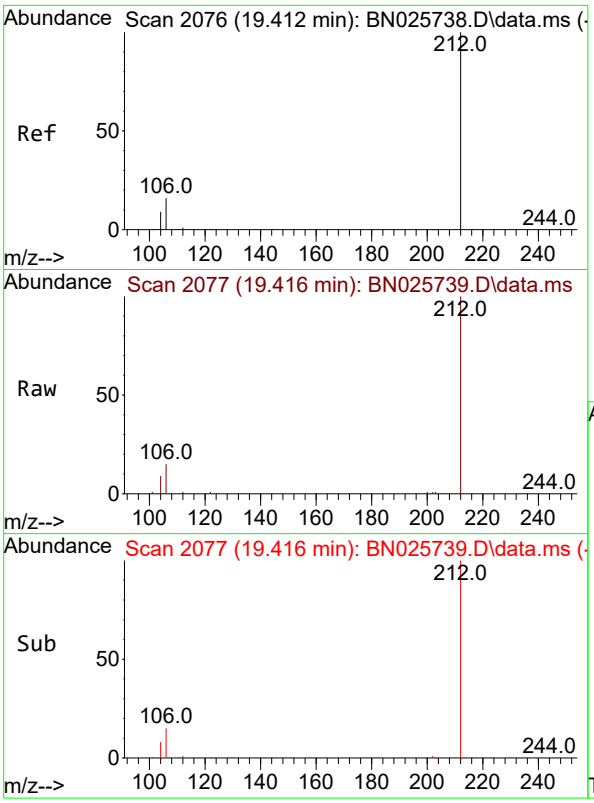


#26
Anthracene
Concen: 0.795 ng
RT: 17.517 min Scan# 1802
Delta R.T. -0.000 min
Lab File: BN025739.D
Acq: 31 May 2023 14:29

Tgt Ion:178 Resp: 40412

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.1	22.7
179	15.1	12.2	18.2



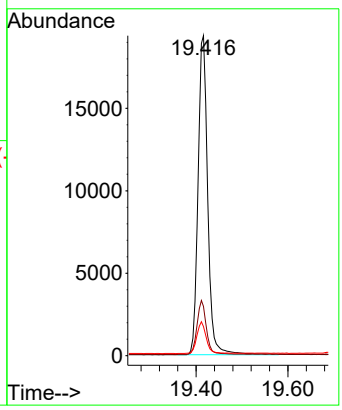


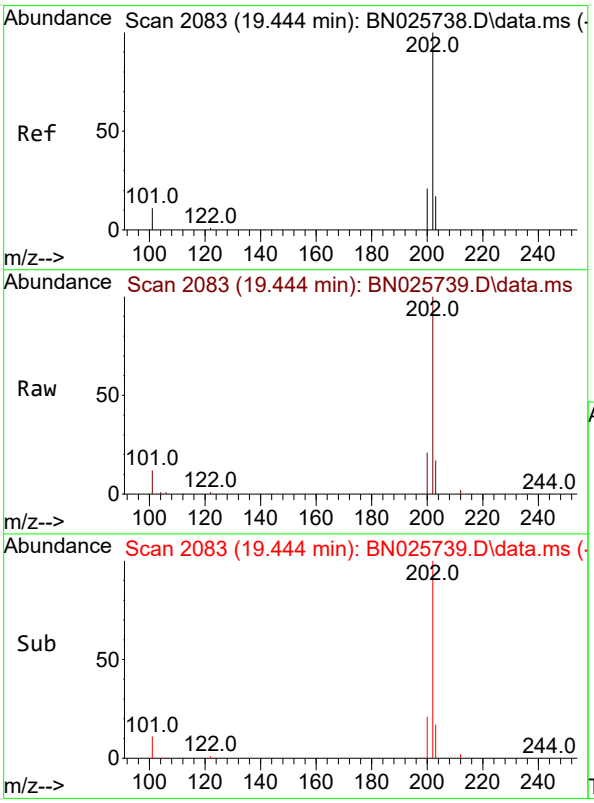
#27
Fluoranthene-d10
Concen: 0.760 ng
RT: 19.416 min Scan# 2
Delta R.T. 0.004 min
Lab File: BN025739.D
Acq: 31 May 2023 14:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:212 Resp: 28247

Ion	Ratio	Lower	Upper
212	100		
106	16.4	13.0	19.6
104	9.6	7.7	11.5

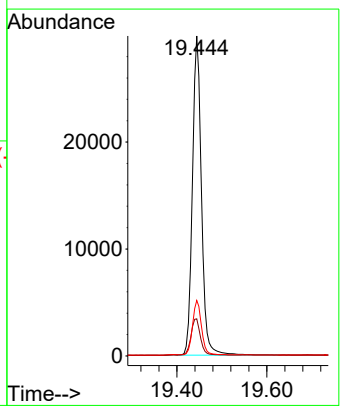


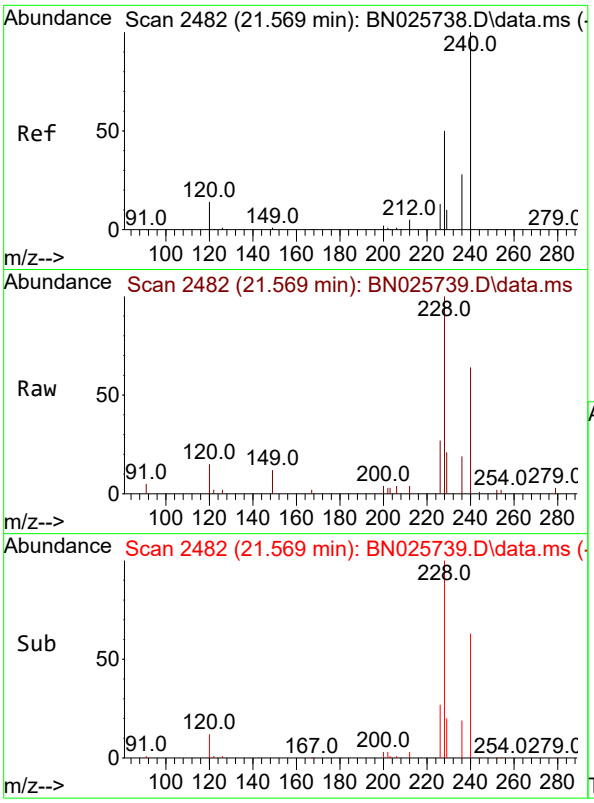


#28
Fluoranthene
Concen: 0.761 ng
RT: 19.444 min Scan# 2083
Delta R.T. -0.000 min
Lab File: BN025739.D
Acq: 31 May 2023 14:29

Tgt Ion:202 Resp: 41725

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.8	14.8
203	16.8	13.4	20.2



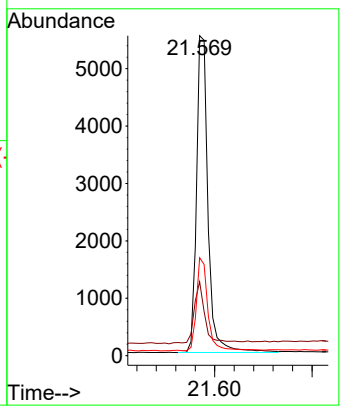


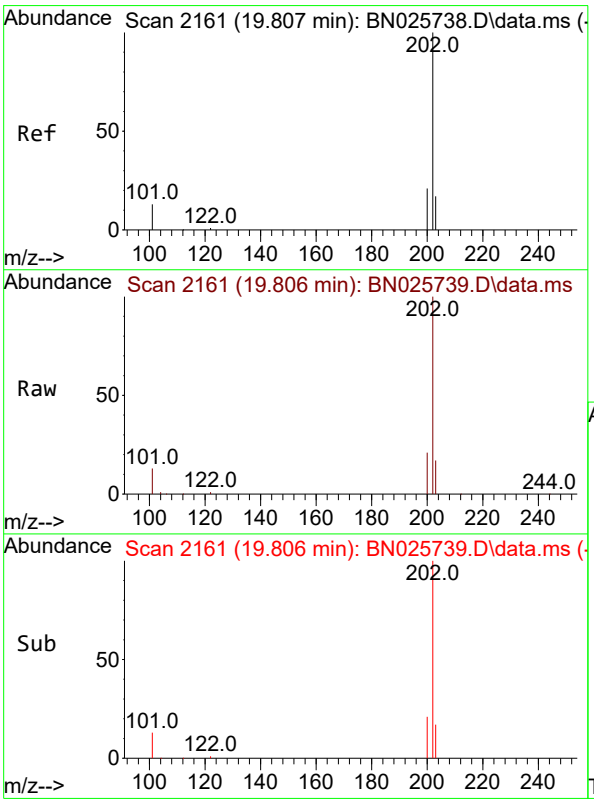
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.569 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN025739.D
Acq: 31 May 2023 14:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:240 Resp: 9003

Ion	Ratio	Lower	Upper
240	100		
120	23.1	13.2	19.8#
236	30.6	23.1	34.7

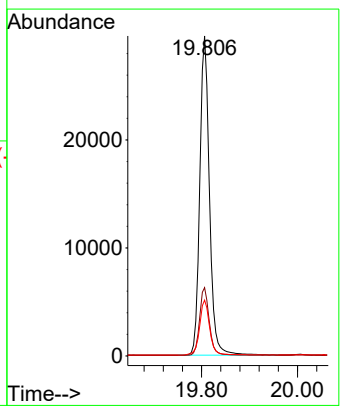


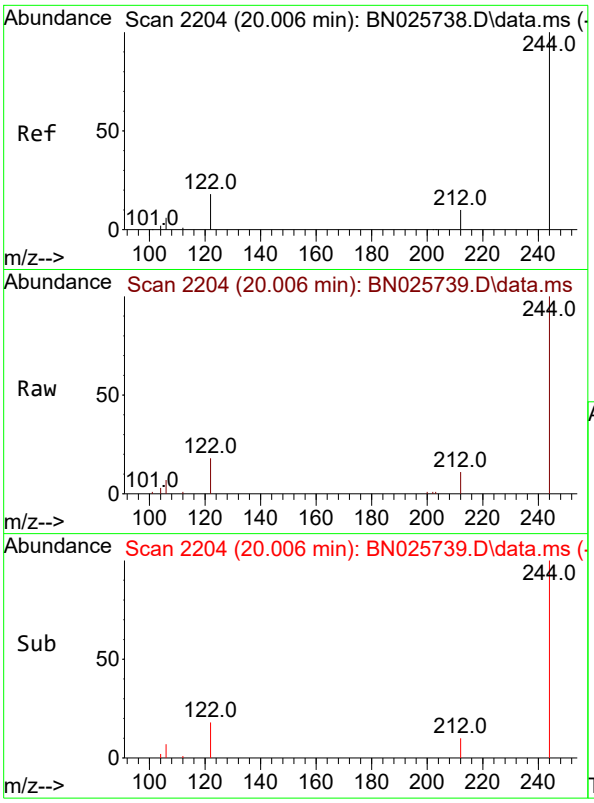


#30
Pyrene
Concen: 0.812 ng
RT: 19.806 min Scan# 2161
Delta R.T. -0.000 min
Lab File: BN025739.D
Acq: 31 May 2023 14:29

Tgt Ion:202 Resp: 41427

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.6
203	17.8	14.2	21.2



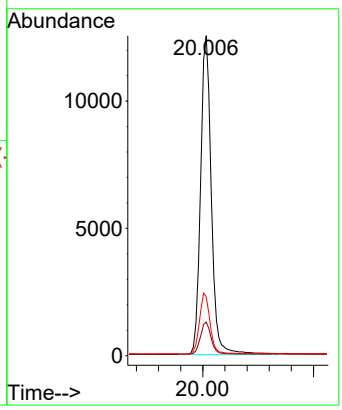


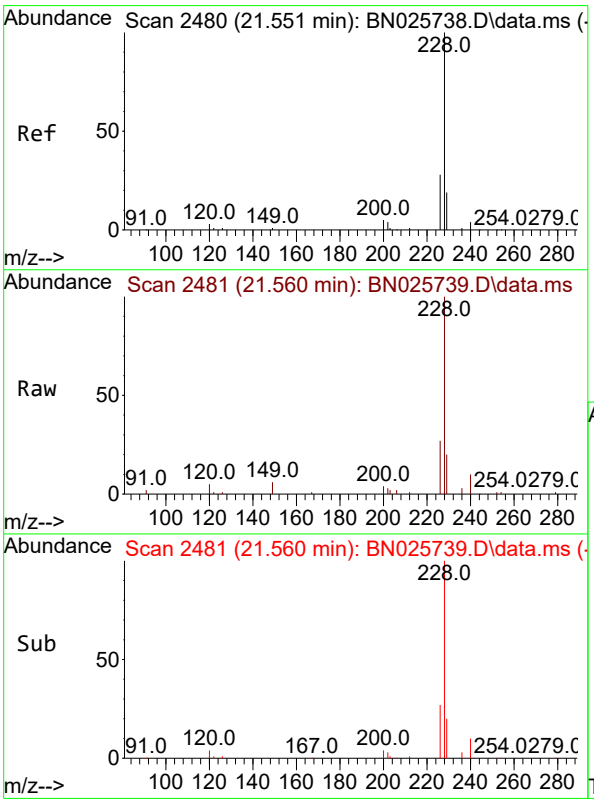
#31
Terphenyl-d14
Concen: 0.777 ng
RT: 20.006 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN025739.D
Acq: 31 May 2023 14:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 16964

Ion	Ratio	Lower	Upper
244	100		
212	10.5	8.6	12.8
122	18.4	15.2	22.8

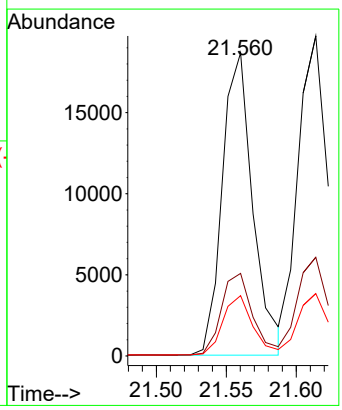


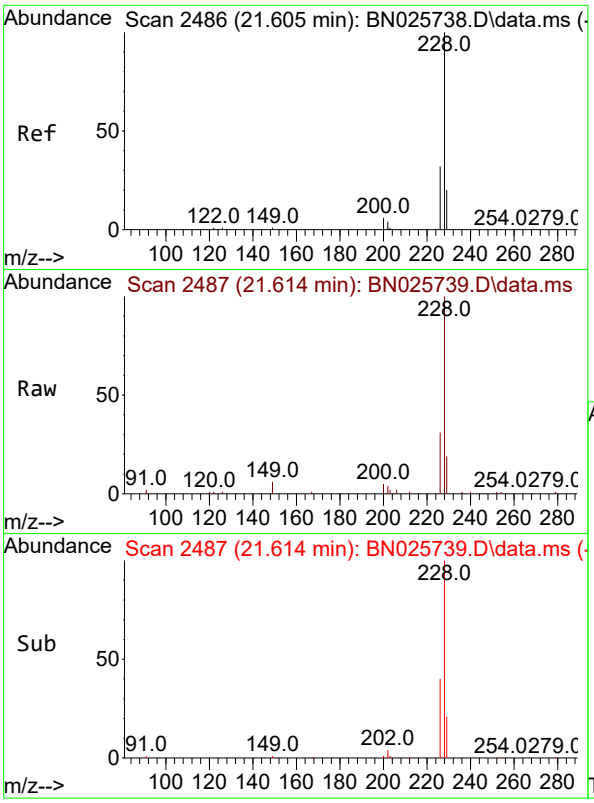


#32
Benzo(a)anthracene
Concen: 0.815 ng
RT: 21.560 min Scan# 2481
Delta R.T. 0.009 min
Lab File: BN025739.D
Acq: 31 May 2023 14:29

Tgt Ion:228 Resp: 28341

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.9	34.3
229	19.9	15.6	23.4



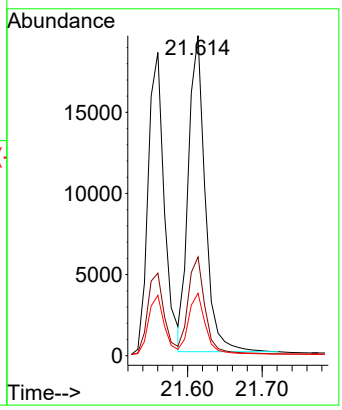


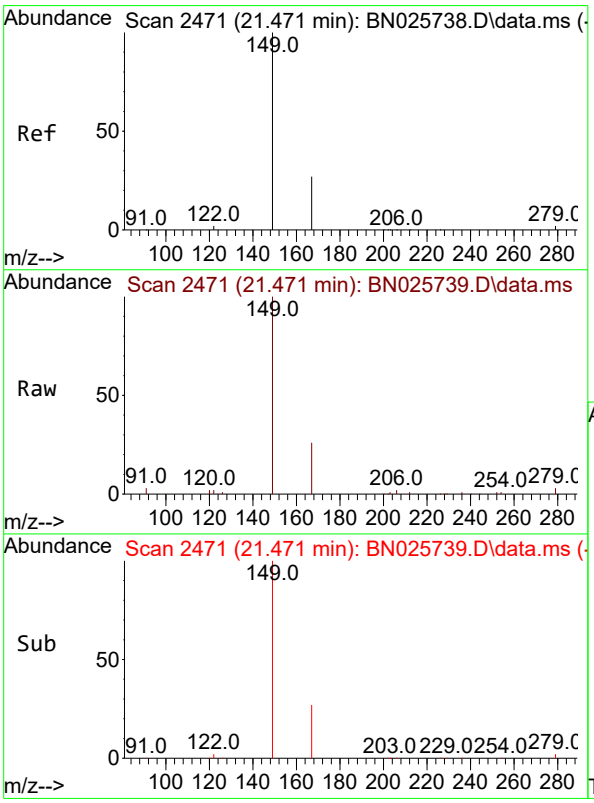
#33
Chrysene
Concen: 0.828 ng
RT: 21.614 min Scan# 24
Delta R.T. 0.009 min
Lab File: BN025739.D
Acq: 31 May 2023 14:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 30457

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.4	38.2
229	19.5	16.1	24.1

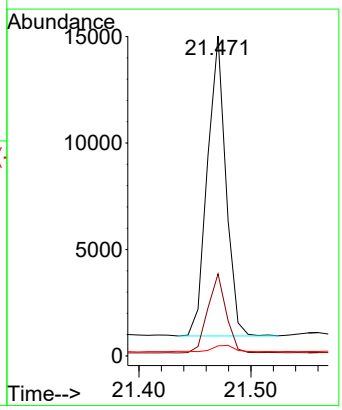


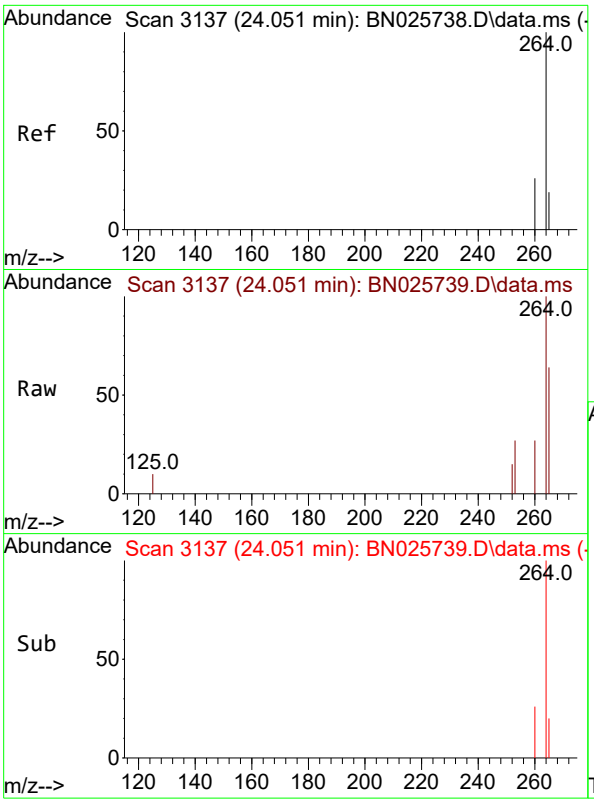


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.728 ng
RT: 21.471 min Scan# 2471
Delta R.T. -0.000 min
Lab File: BN025739.D
Acq: 31 May 2023 14:29

Tgt Ion:149 Resp: 16114

Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.0	31.6
279	2.9	2.2	3.4



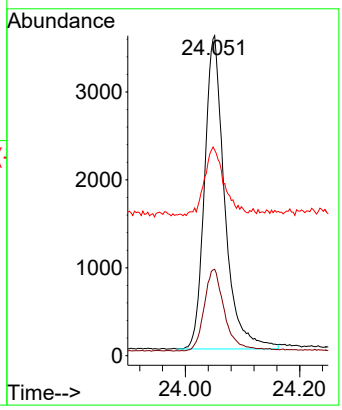


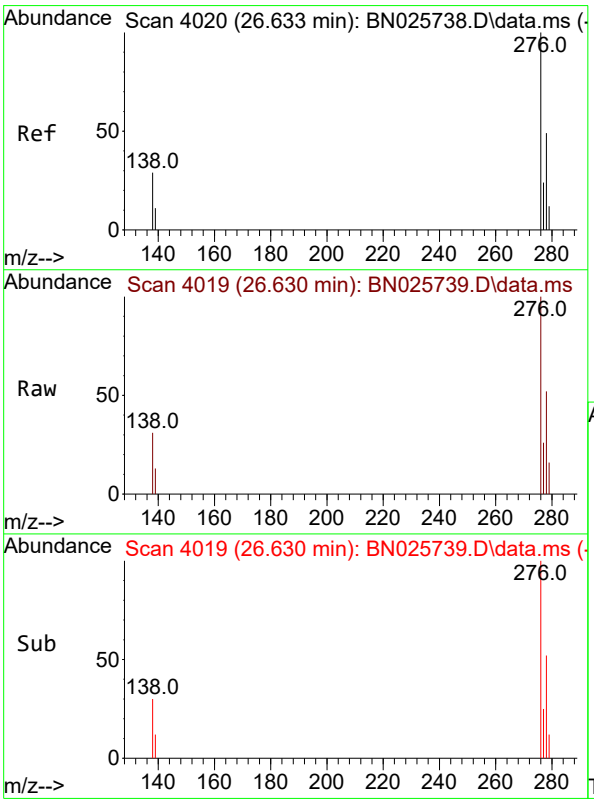
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.051 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN025739.D
Acq: 31 May 2023 14:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:264 Resp: 8702

Ion	Ratio	Lower	Upper
264	100		
260	27.0	21.4	32.2
265	64.3	44.7	67.1

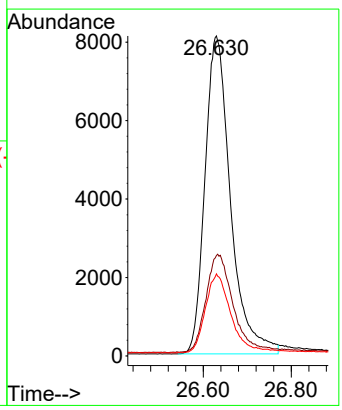


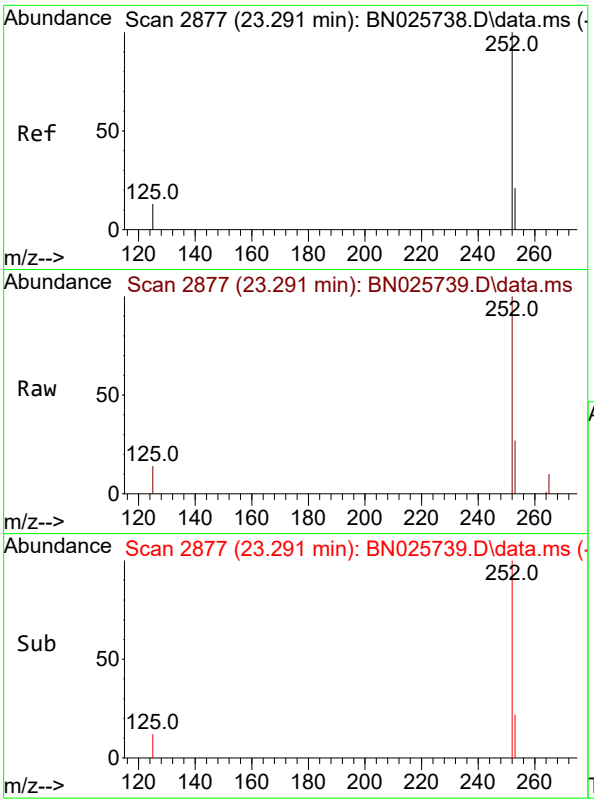


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.871 ng
RT: 26.630 min Scan# 4019
Delta R.T. -0.003 min
Lab File: BN025739.D
Acq: 31 May 2023 14:29

Tgt Ion:276 Resp: 32782

Ion	Ratio	Lower	Upper
276	100		
138	32.6	26.1	39.1
277	24.3	19.4	29.2



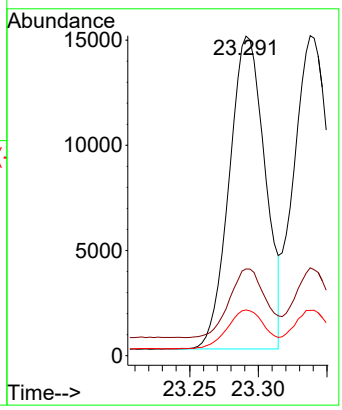


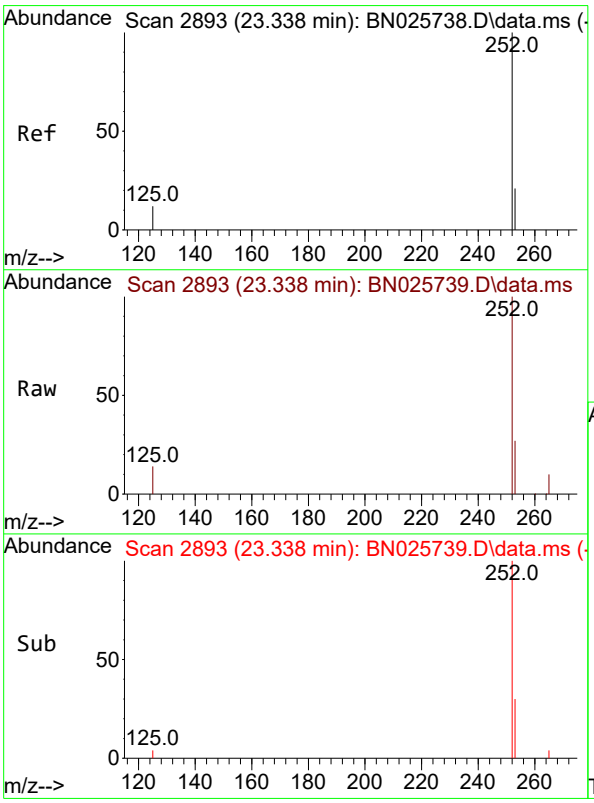
#37
Benzo(b)fluoranthene
Concen: 0.786 ng
RT: 23.291 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN025739.D
Acq: 31 May 2023 14:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 26986

Ion	Ratio	Lower	Upper
252	100		
253	27.1	23.4	35.0
125	14.3	12.3	18.5

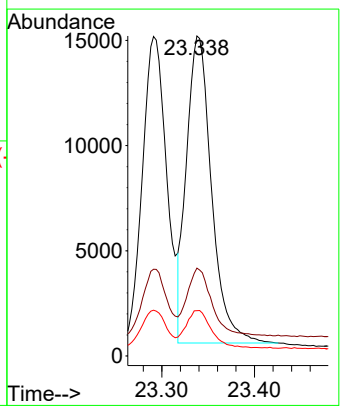


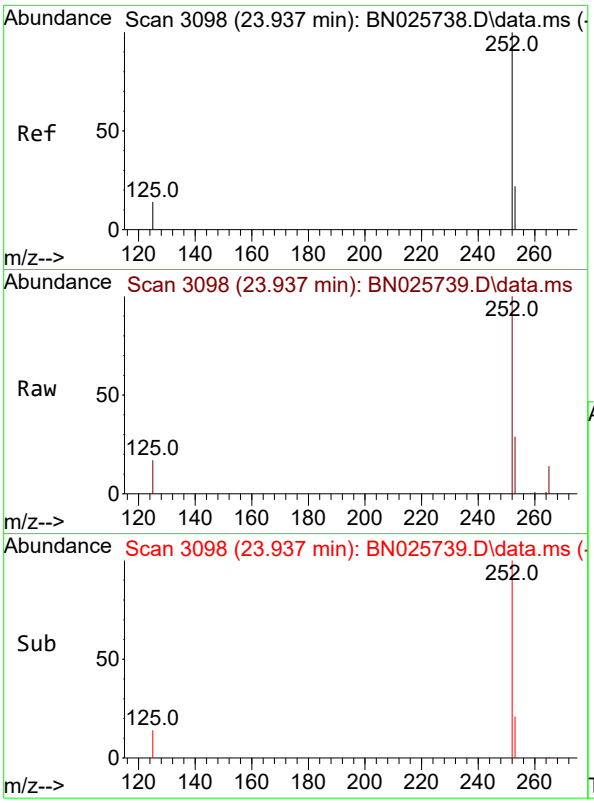


#38
Benzo(k)fluoranthene
Concen: 0.796 ng
RT: 23.338 min Scan# 2893
Delta R.T. -0.000 min
Lab File: BN025739.D
Acq: 31 May 2023 14:29

Tgt Ion:252 Resp: 27456

Ion	Ratio	Lower	Upper
252	100		
253	27.5	24.2	36.4
125	14.2	12.2	18.2



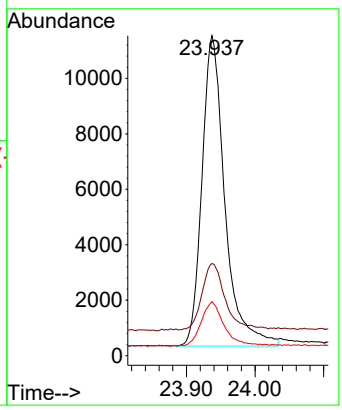


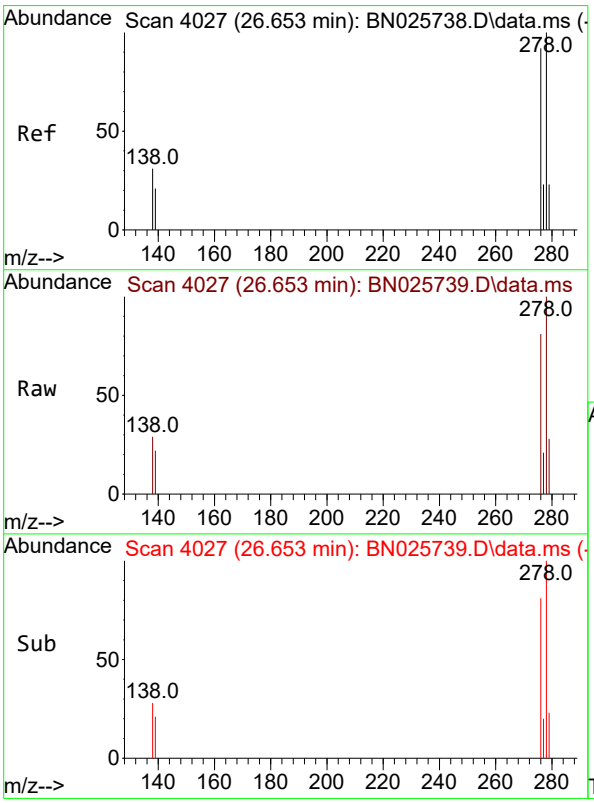
#39
Benzo(a)pyrene
Concen: 0.799 ng
RT: 23.937 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN025739.D
Acq: 31 May 2023 14:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 25988

Ion	Ratio	Lower	Upper
252	100		
253	28.8	27.5	41.3
125	16.9	14.6	21.8

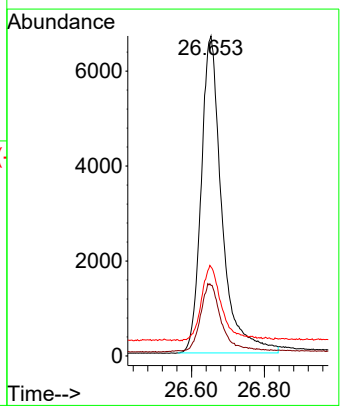


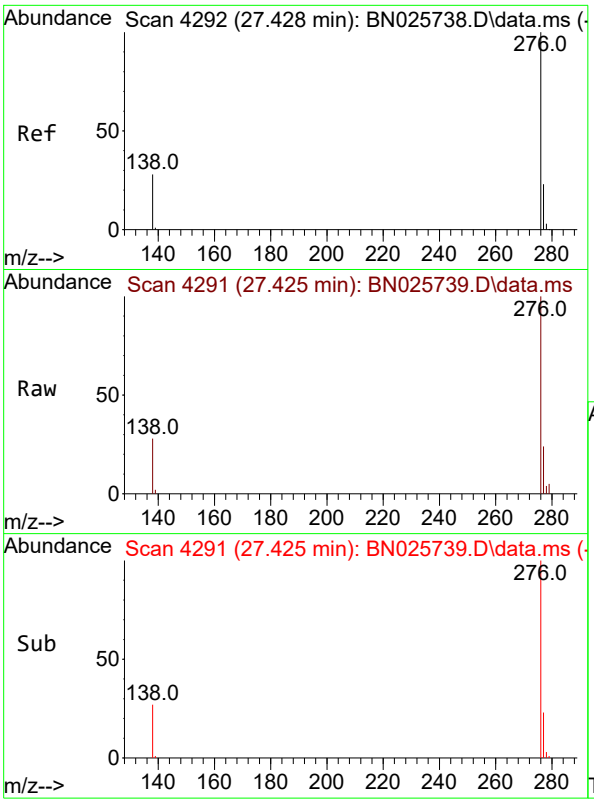


#40
Dibenzo(a,h)anthracene
Concen: 0.882 ng
RT: 26.653 min Scan# 4027
Delta R.T. -0.000 min
Lab File: BN025739.D
Acq: 31 May 2023 14:29

Tgt Ion:278 Resp: 26337

Ion	Ratio	Lower	Upper
278	100		
139	22.1	18.7	28.1
279	27.8	25.1	37.7





#41
Benzo(g,h,i)perylene
Concen: 0.879 ng
RT: 27.425 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN025739.D
Acq: 31 May 2023 14:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 29665

Ion	Ratio	Lower	Upper
276	100		
277	24.0	20.2	30.2
138	28.4	24.2	36.4