Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052223\
Data File : BN025537.D
Acq On : 22 May 2023 14:18
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: May 22 16:33:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 22 16:31:23 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.070	152	4295	0.400	ng		0.00
7) Naphthalene-d8	10.888	136	12078	0.400	ng		0.00
13) Acenaphthene-d10	14.694	164	7077	0.400	ng		0.00
19) Phenanthrene-d10	17.435	188	16876	0.400	ng		0.00
29) Chrysene-d12	21.620	240	12754	0.400	ng		0.00
35) Perylene-d12	24.139	264	12551	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.600	112	1351	0.139	ng		0.00
5) Phenol-d6	7.210	99	1629	0.131	ng		0.00
8) Nitrobenzene-d5	9.234	82	1203	0.125	ng		0.00
11) 2-Methylnaphthalene-d10	12.468	152	1753	0.104	ng		0.00
14) 2,4,6-Tribromophenol	16.181	330	316	0.115	ng		0.00
15) 2-Fluorobiphenyl	13.325	172	3411	0.126	ng		0.00
27) Fluoranthene-d10	19.460	212	3968	0.102	ng		0.00
31) Terphenyl-d14	20.053	244	3175	0.140	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.448	88	604	0.138	ng		94
3) n-Nitrosodimethylamine	3.787	42	673	0.139	ng	#	96
6) bis(2-Chloroethyl)ether	7.478	93	1425	0.118	ng		100
9) Naphthalene	10.931	128	3501	0.114	ng	#	92
10) Hexachlorobutadiene	11.230	225	613	0.105	ng	#	99
12) 2-Methylnaphthalene	12.540	142	2362	0.106	ng	#	91
16) Acenaphthylene	14.416	152	3304	0.102	ng		97
17) Acenaphthene	14.758	154	2371	0.111	ng		97
18) Fluorene	15.734	166	3113	0.118	ng		98
20) 4,6-Dinitro-2-methylph...	15.809	198	430	0.123	ng	#	15
21) 4-Bromophenyl-phenylether	16.628	248	982	0.099	ng	#	92
22) Hexachlorobenzene	16.740	284	895	0.096	ng		99
23) Atrazine	16.889	200	913	0.113	ng	#	91
24) Pentachlorophenol	17.087	266	465	0.099	ng		98
25) Phenanthrene	17.472	178	6020	0.122	ng		98
26) Anthracene	17.571	178	4716	0.102	ng		99
28) Fluoranthene	19.490	202	5871	0.104	ng		98
30) Pyrene	19.852	202	6101	0.120	ng		99
32) Benzo(a)anthracene	21.602	228	5095	0.110	ng		98
33) Chrysene	21.656	228	5351	0.117	ng		100
34) Bis(2-ethylhexyl)phtha...	21.522	149	3645	0.134	ng	#	98
36) Indeno(1,2,3-cd)pyrene	26.770	276	5405	0.106	ng	#	87
37) Benzo(b)fluoranthene	23.361	252	5070	0.109	ng	#	81
38) Benzo(k)fluoranthene	23.414	252	4880	0.102	ng	#	81
39) Benzo(a)pyrene	24.019	252	4540	0.104	ng	#	74
40) Dibenzo(a,h)anthracene	26.800	278	4284	0.105	ng	#	83
41) Benzo(g,h,i)perylene	27.577	276	4674	0.109	ng		93

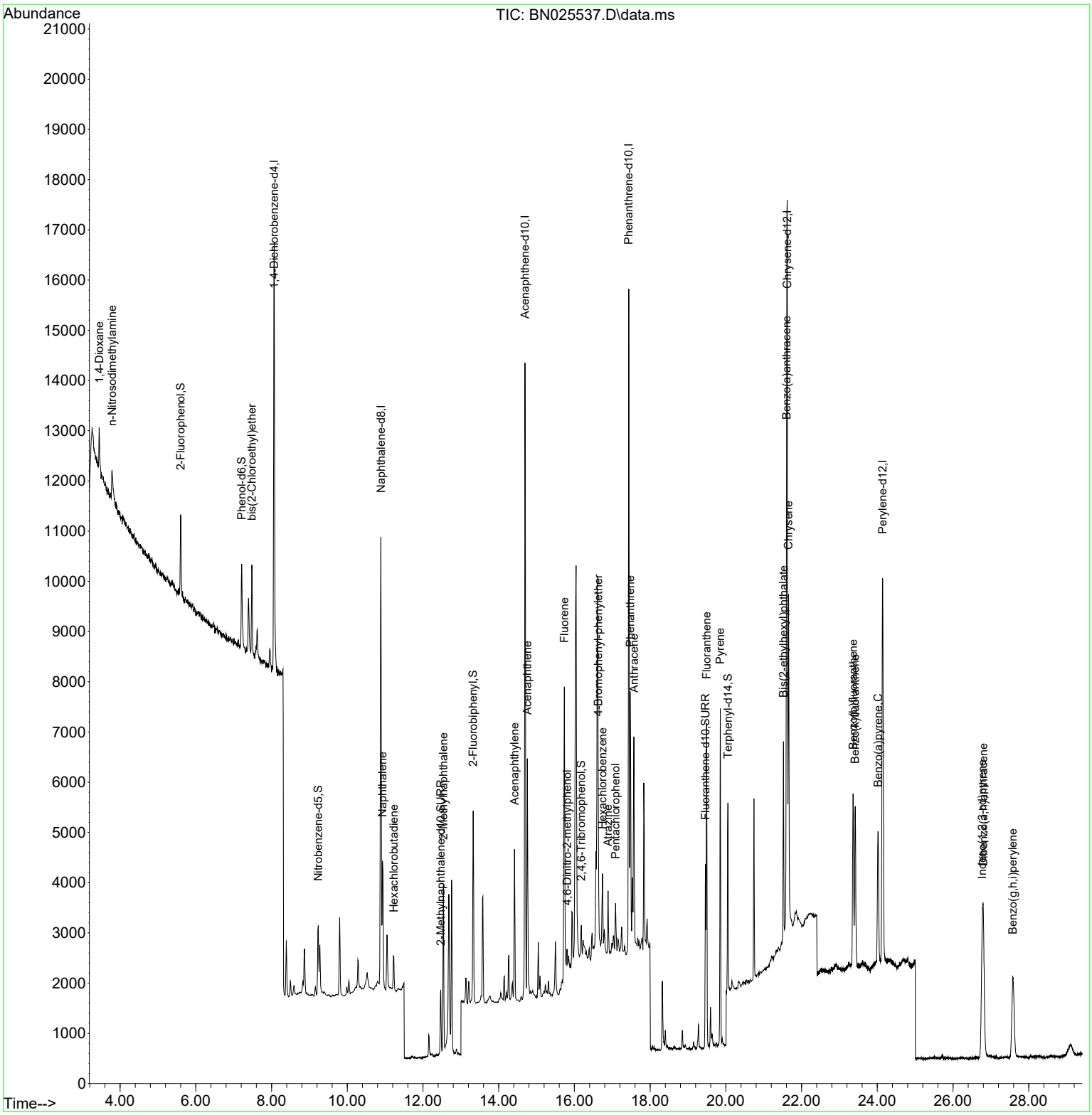
(#) = qualifier out of range (m) = manual integration (+) = signals summed

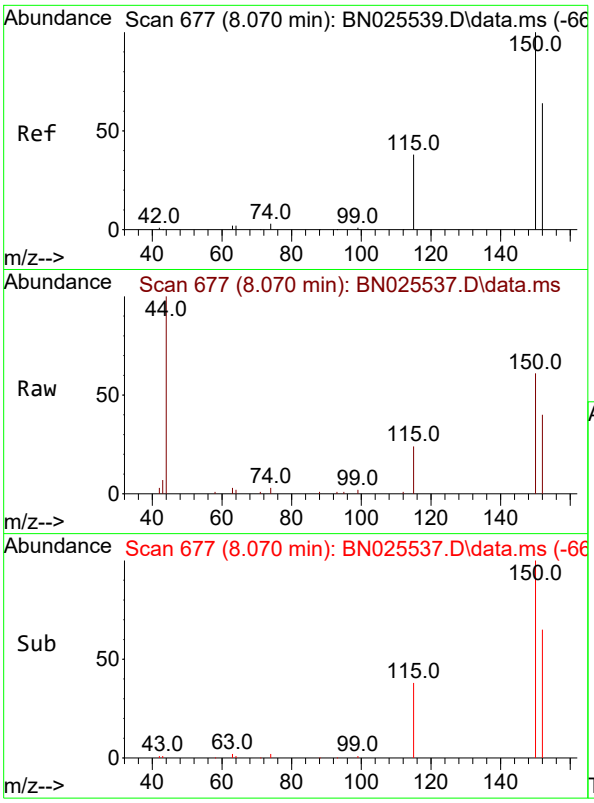
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052223\
Data File : BN025537.D
Acq On : 22 May 2023 14:18
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: May 22 16:33:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 22 16:31:23 2023
Response via : Initial Calibration



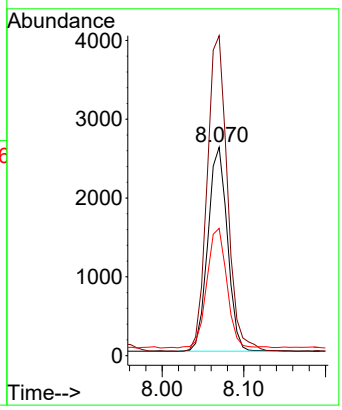


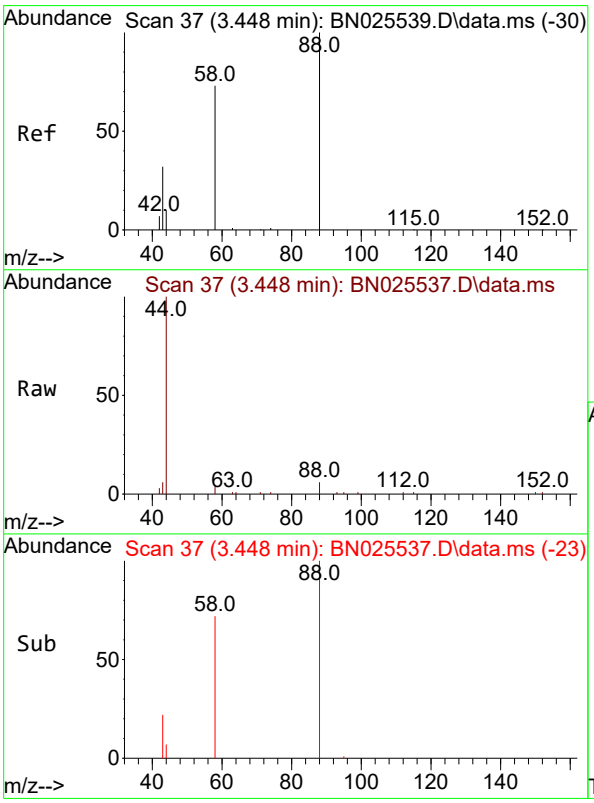
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.070 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN025537.D
Acq: 22 May 2023 14:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 4295

Ion	Ratio	Lower	Upper
152	100		
150	153.4	124.6	187.0
115	61.0	49.1	73.7

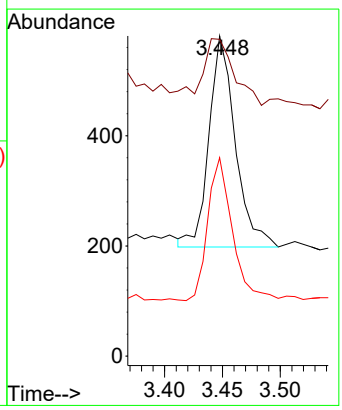


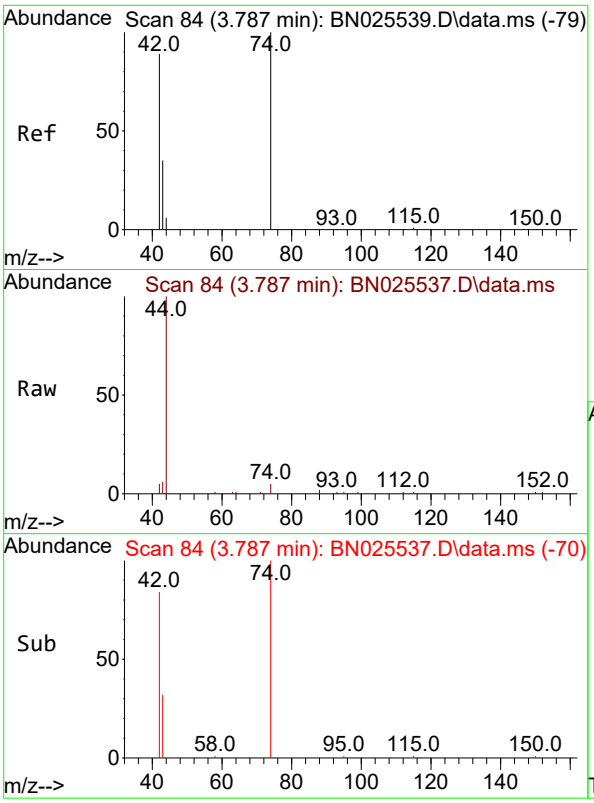


#2
1,4-Dioxane
Concen: 0.138 ng
RT: 3.448 min Scan# 37
Delta R.T. -0.000 min
Lab File: BN025537.D
Acq: 22 May 2023 14:18

Tgt Ion: 88 Resp: 604

Ion	Ratio	Lower	Upper
88	100		
43	31.1	25.8	38.8
58	62.6	54.9	82.3



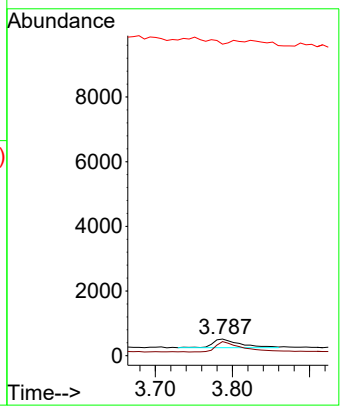


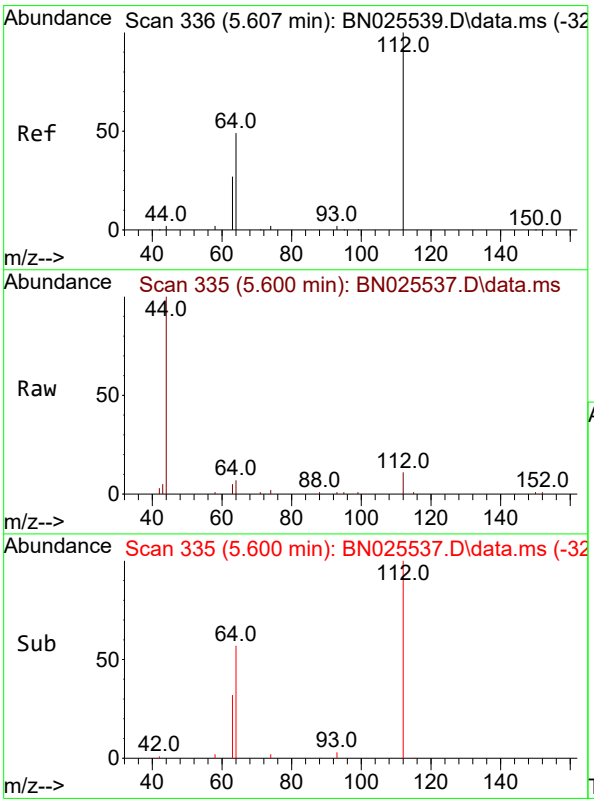
#3
n-Nitrosodimethylamine
Concen: 0.139 ng
RT: 3.787 min Scan# 84
Delta R.T. -0.000 min
Lab File: BN025537.D
Acq: 22 May 2023 14:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 42 Resp: 673

Ion	Ratio	Lower	Upper
42	100		
74	110.3	89.7	134.5
44	20.5	7.5	11.3#

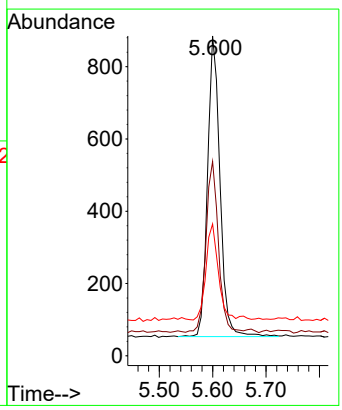


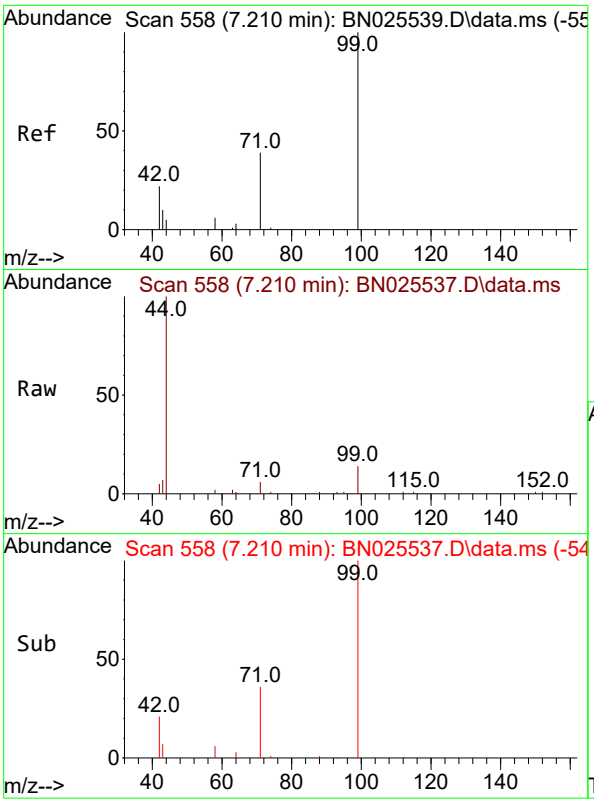


#4
2-Fluorophenol
Concen: 0.139 ng
RT: 5.600 min Scan# 335
Delta R.T. -0.007 min
Lab File: BN025537.D
Acq: 22 May 2023 14:18

Tgt Ion:112 Resp: 1351

Ion	Ratio	Lower	Upper
112	100		
64	56.8	44.2	66.4
63	31.5	25.4	38.2



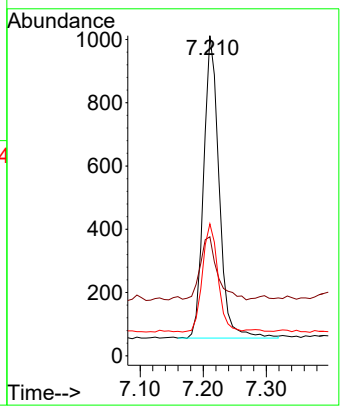


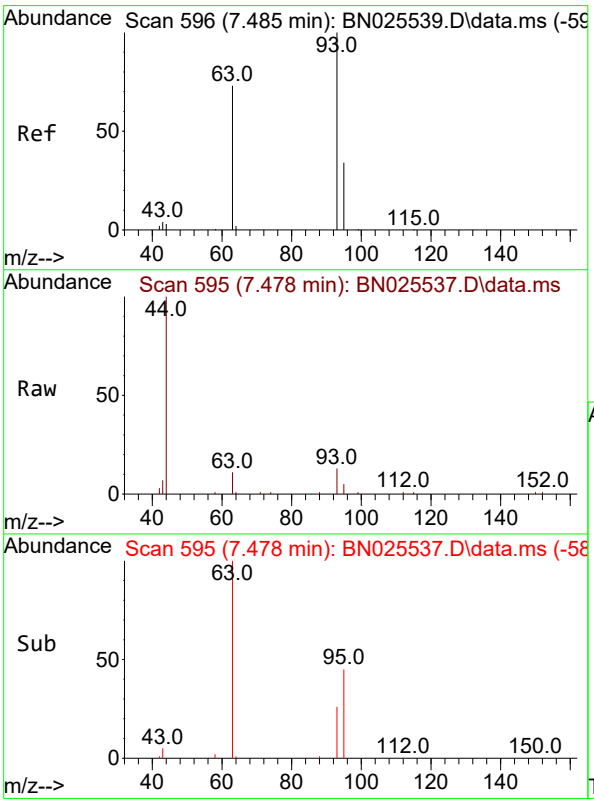
#5
Phenol-d6
Concen: 0.131 ng
RT: 7.210 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN025537.D
Acq: 22 May 2023 14:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 1629

Ion	Ratio	Lower	Upper
99	100		
42	23.0	17.5	26.3
71	36.0	30.1	45.1

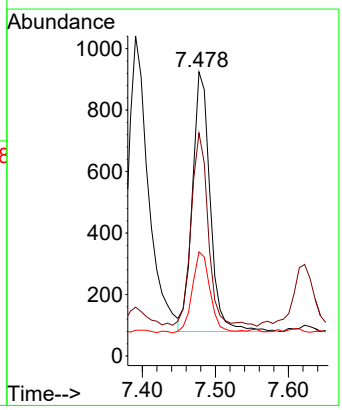


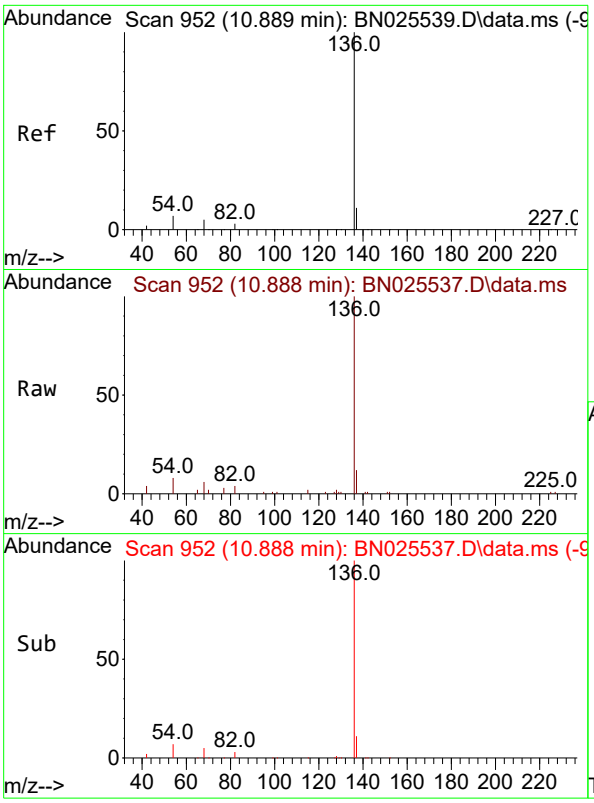


#6
bis(2-Chloroethyl)ether
Concen: 0.118 ng
RT: 7.478 min Scan# 595
Delta R.T. -0.007 min
Lab File: BN025537.D
Acq: 22 May 2023 14:18

Tgt Ion: 93 Resp: 1425

Ion	Ratio	Lower	Upper
93	100		
63	71.4	56.9	85.3
95	31.4	24.9	37.3



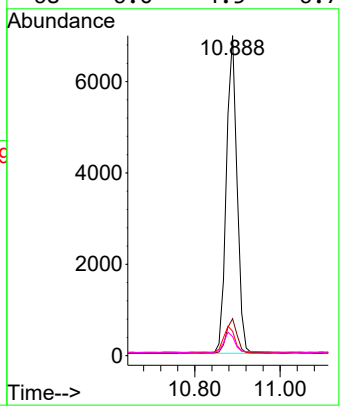


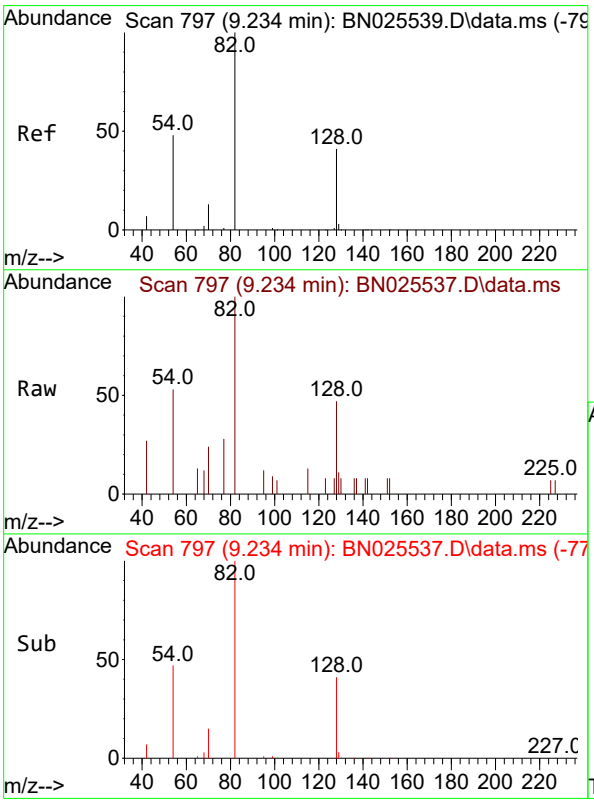
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.888 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN025537.D
Acq: 22 May 2023 14:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 12078

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	7.7	6.2	9.4
68	6.0	4.5	6.7

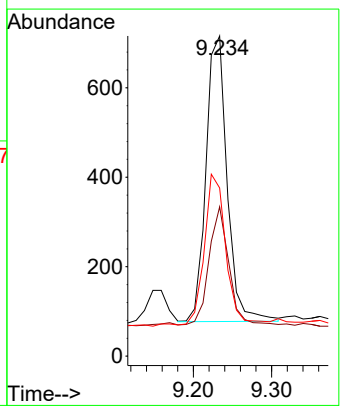


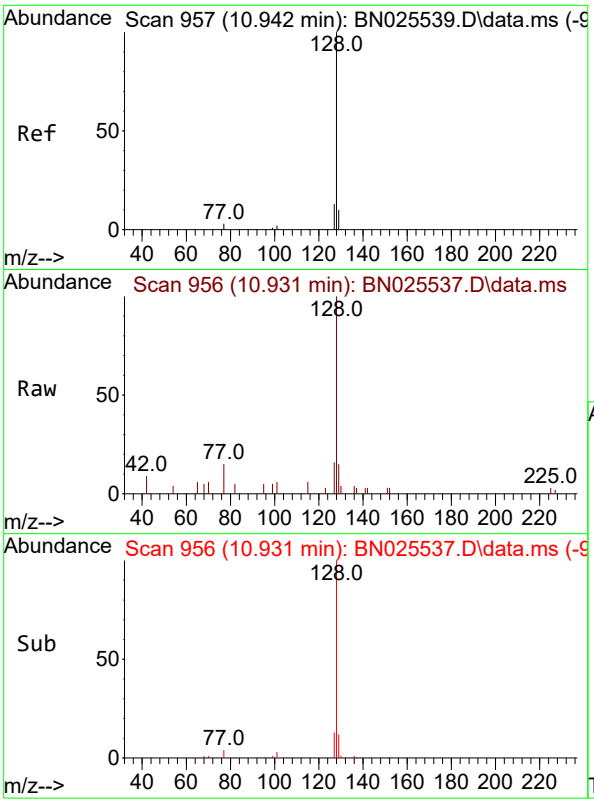


#8
Nitrobenzene-d5
Concen: 0.125 ng
RT: 9.234 min Scan# 797
Delta R.T. -0.000 min
Lab File: BN025537.D
Acq: 22 May 2023 14:18

Tgt Ion: 82 Resp: 1203

Ion	Ratio	Lower	Upper
82	100		
128	46.6	33.8	50.8
54	52.5	39.8	59.6



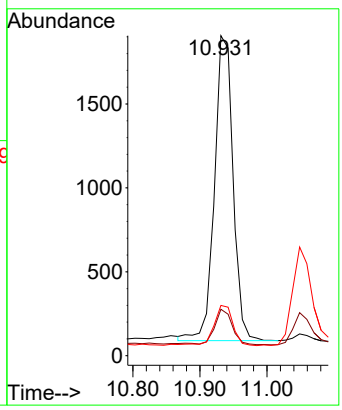


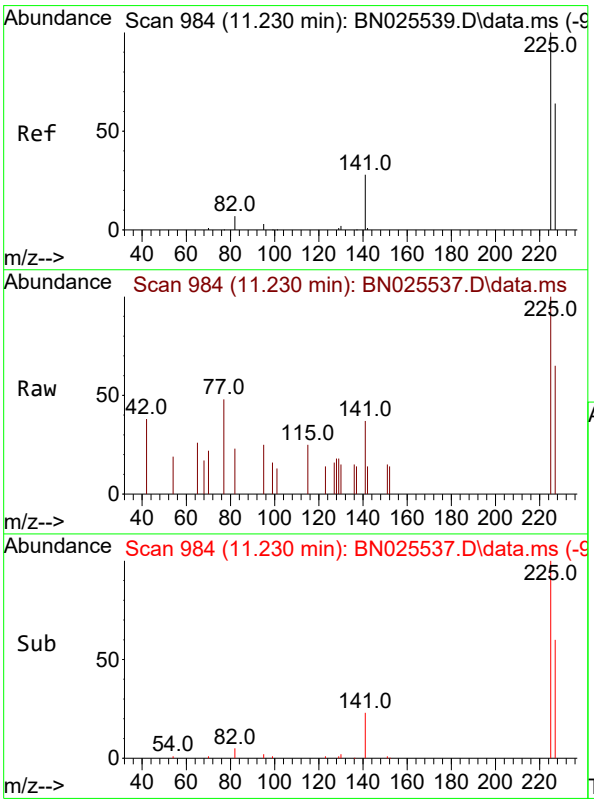
#9
Naphthalene
Concen: 0.114 ng
RT: 10.931 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN025537.D
Acq: 22 May 2023 14:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 3501

Ion	Ratio	Lower	Upper
128	100		
129	14.5	8.8	13.2#
127	15.7	10.6	15.8

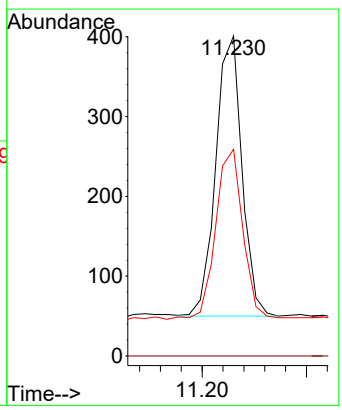


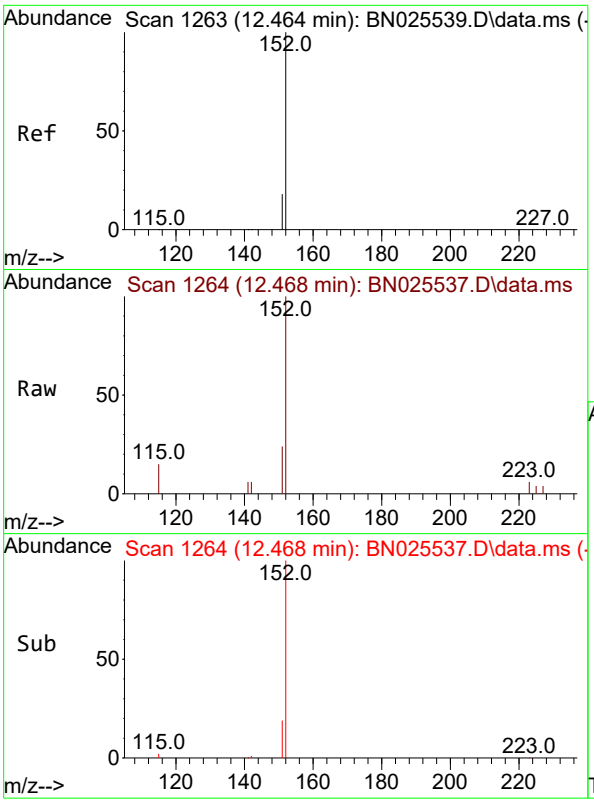


#10
Hexachlorobutadiene
Concen: 0.105 ng
RT: 11.230 min Scan# 984
Delta R.T. -0.000 min
Lab File: BN025537.D
Acq: 22 May 2023 14:18

Tgt Ion:225 Resp: 613

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



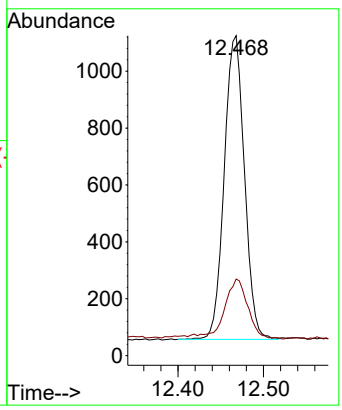


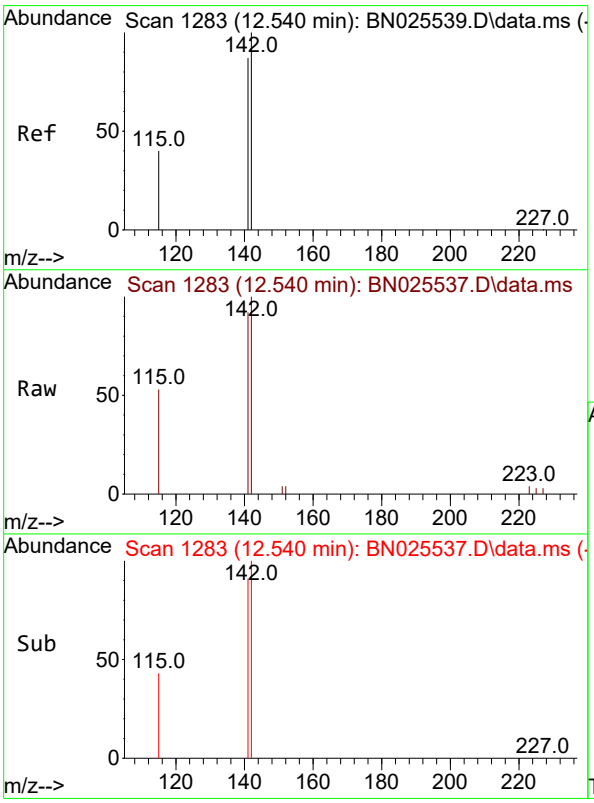
#11
2-Methylnaphthalene-d10
Concen: 0.104 ng
RT: 12.468 min Scan# 1
Delta R.T. 0.004 min
Lab File: BN025537.D
Acq: 22 May 2023 14:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 1753

Ion	Ratio	Lower	Upper
152	100		
151	22.1	16.7	25.1

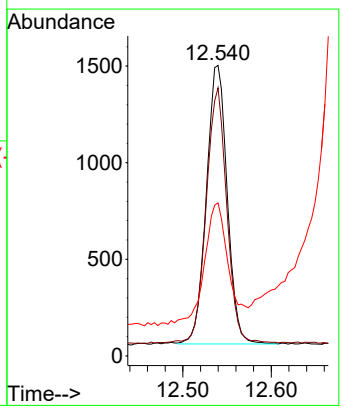


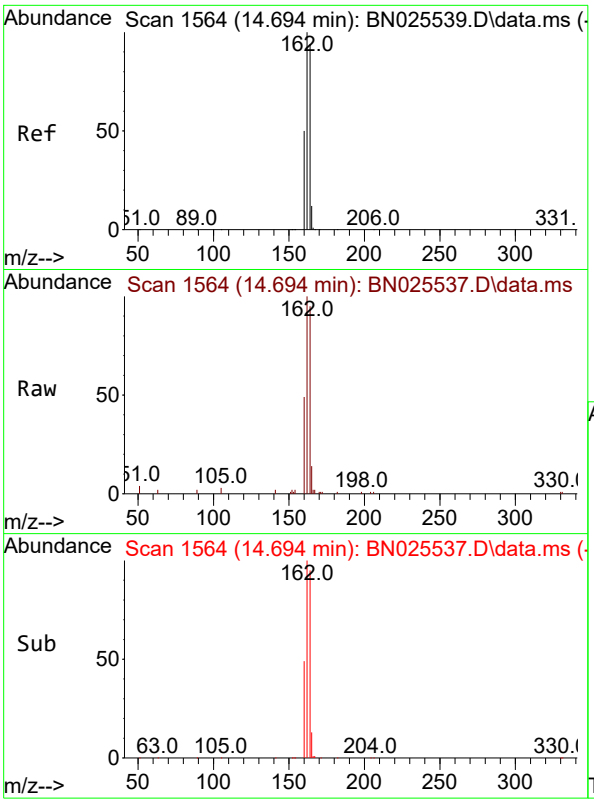


#12
2-Methylnaphthalene
Concen: 0.106 ng
RT: 12.540 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BN025537.D
Acq: 22 May 2023 14:18

Tgt Ion:142 Resp: 2362

Ion	Ratio	Lower	Upper
142	100		
141	92.3	70.1	105.1
115	52.7	32.8	49.2#



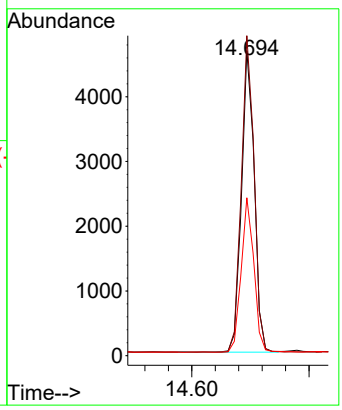


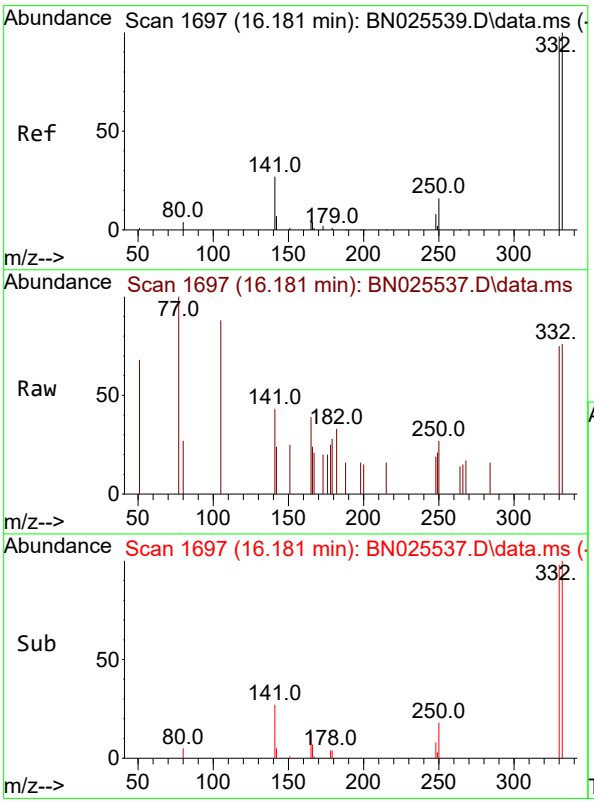
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.694 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025537.D
Acq: 22 May 2023 14:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:164 Resp: 7077

Ion	Ratio	Lower	Upper
164	100		
162	104.9	85.5	128.3
160	51.8	42.9	64.3

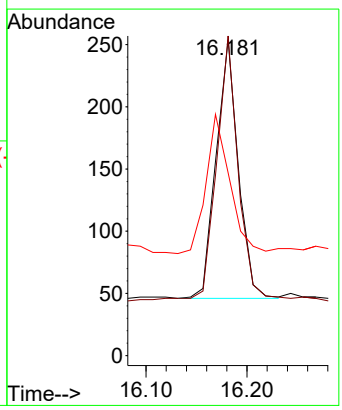


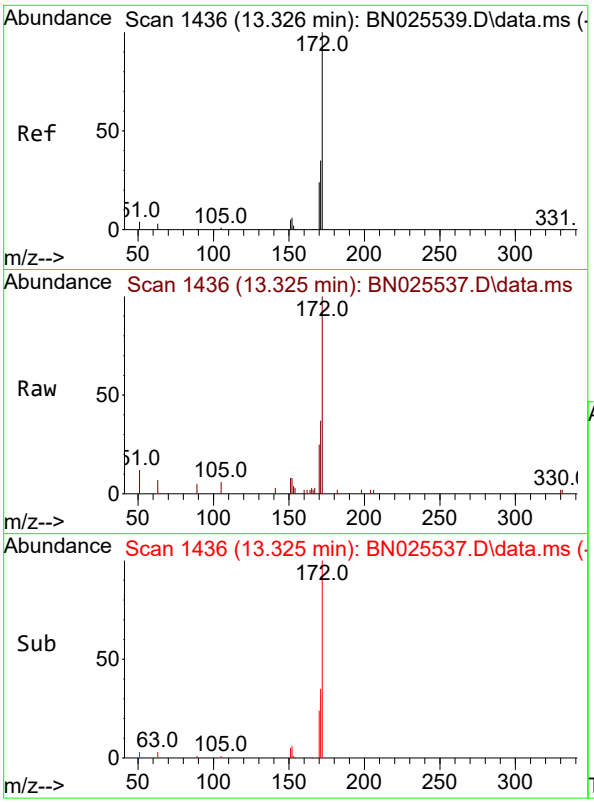


#14
2,4,6-Tribromophenol
Concen: 0.115 ng
RT: 16.181 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BN025537.D
Acq: 22 May 2023 14:18

Tgt Ion:330 Resp: 316

Ion	Ratio	Lower	Upper
330	100		
332	99.4	76.7	115.1
141	57.6	43.0	64.6



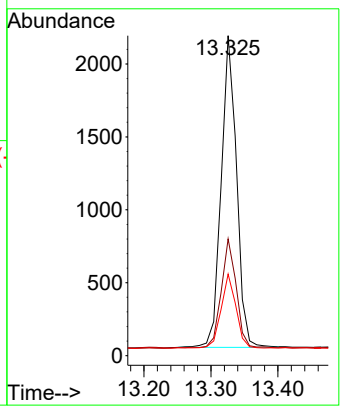


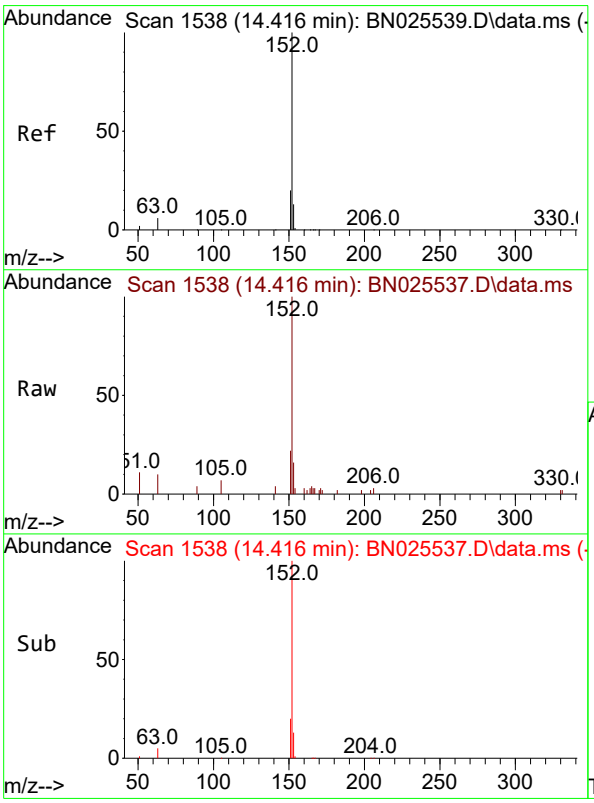
#15
2-Fluorobiphenyl
Concen: 0.126 ng
RT: 13.325 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN025537.D
Acq: 22 May 2023 14:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 3411

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.3	42.5
170	25.5	19.3	28.9

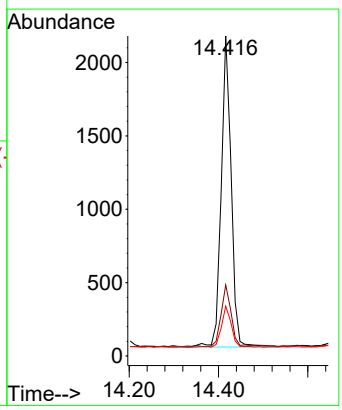


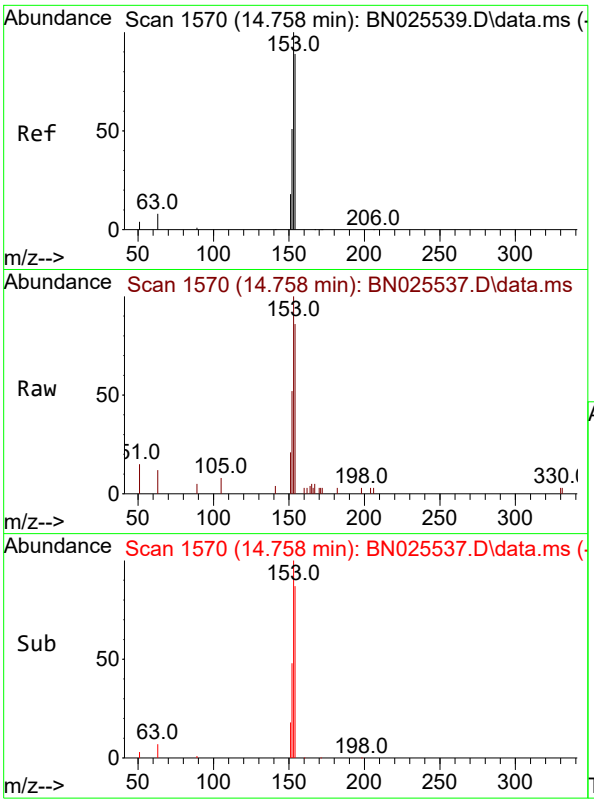


#16
Acenaphthylene
Concen: 0.102 ng
RT: 14.416 min Scan# 1538
Delta R.T. -0.000 min
Lab File: BN025537.D
Acq: 22 May 2023 14:18

Tgt Ion:152 Resp: 3304

Ion	Ratio	Lower	Upper
152	100		
151	20.8	15.3	22.9
153	13.6	10.4	15.6



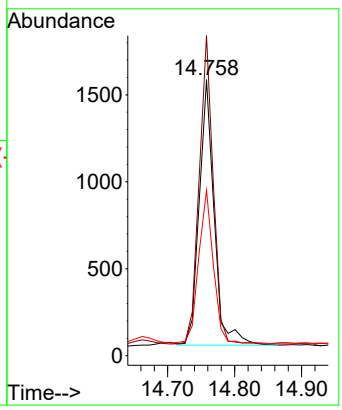


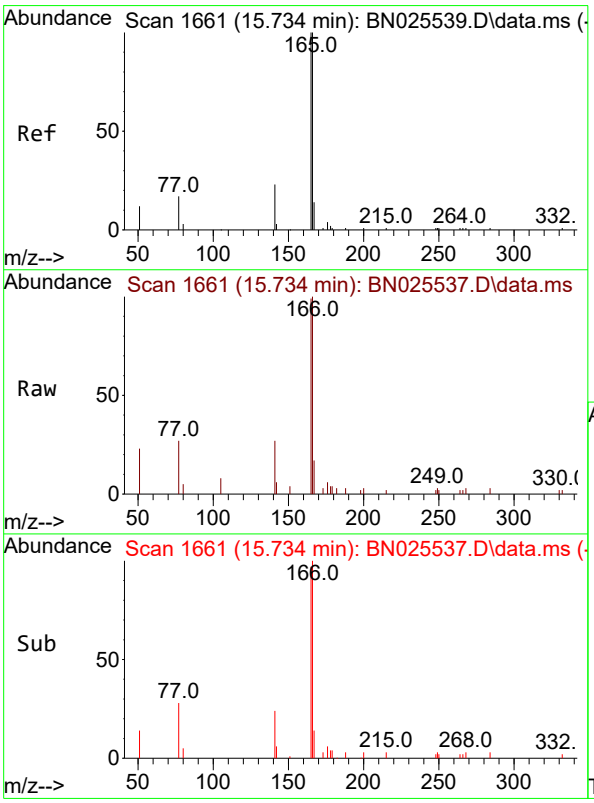
#17
Acenaphthene
Concen: 0.111 ng
RT: 14.758 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025537.D
Acq: 22 May 2023 14:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:154 Resp: 2371

Ion	Ratio	Lower	Upper
154	100		
153	109.2	85.4	128.2
152	58.0	44.3	66.5

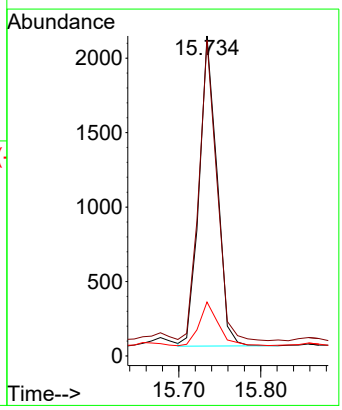


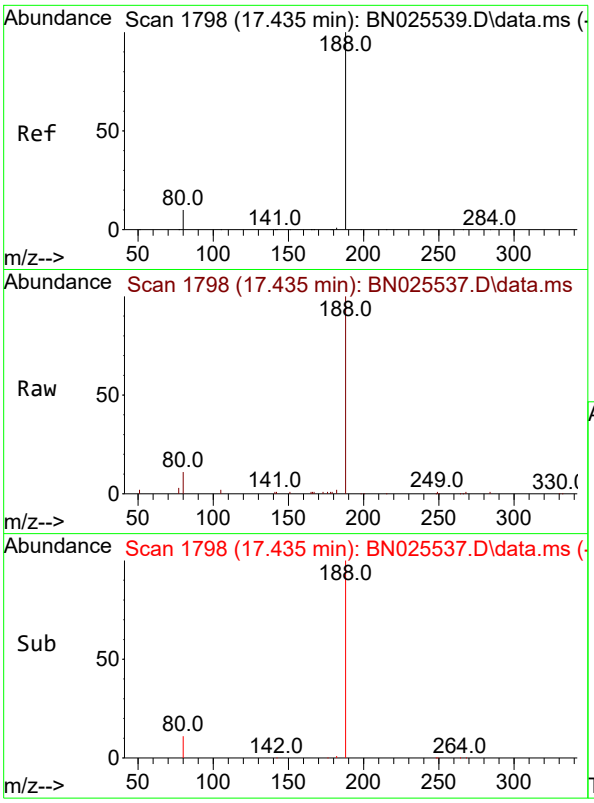


#18
Fluorene
Concen: 0.118 ng
RT: 15.734 min Scan# 1661
Delta R.T. -0.000 min
Lab File: BN025537.D
Acq: 22 May 2023 14:18

Tgt Ion:166 Resp: 3113

Ion	Ratio	Lower	Upper
166	100		
165	97.0	79.1	118.7
167	15.4	10.8	16.2



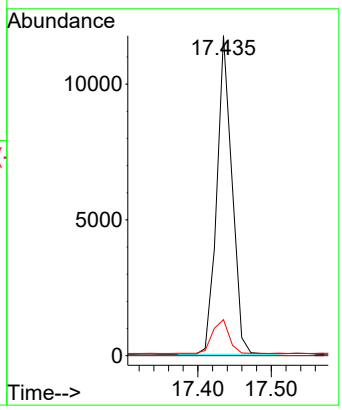


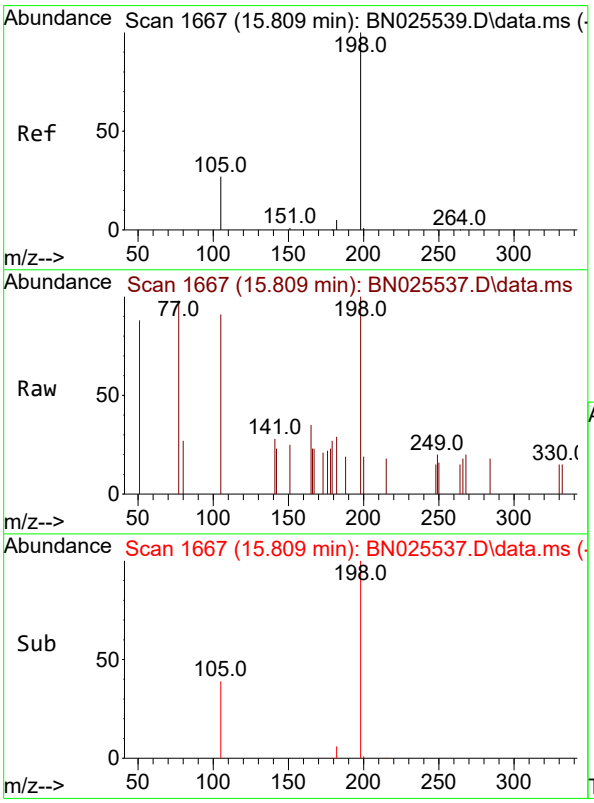
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.435 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025537.D
Acq: 22 May 2023 14:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:188 Resp: 16876

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.2	8.8	13.2

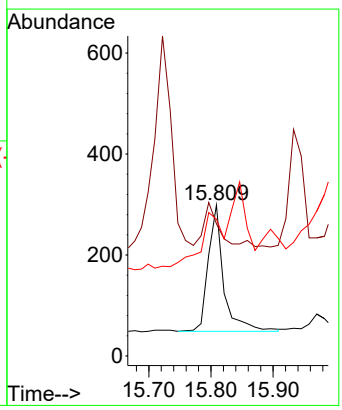


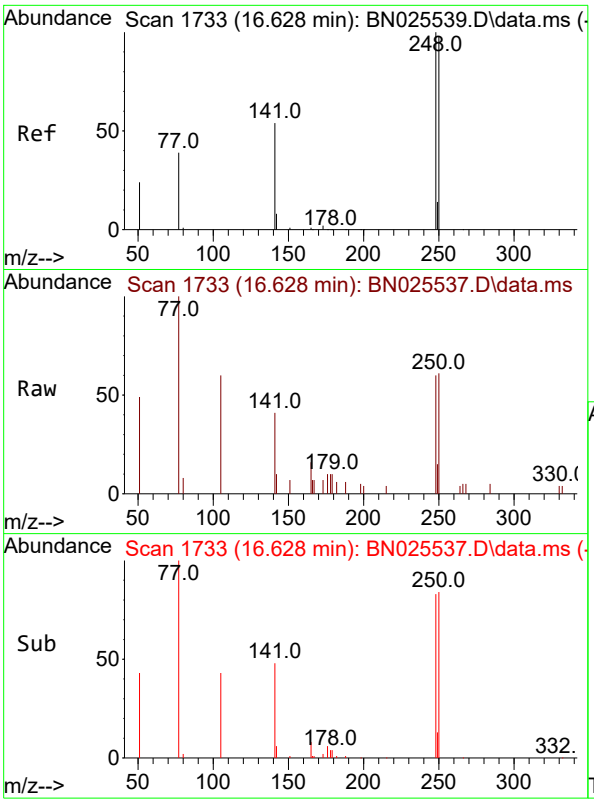


#20
4,6-Dinitro-2-methylphenol
Concen: 0.123 ng
RT: 15.809 min Scan# 1667
Delta R.T. -0.000 min
Lab File: BN025537.D
Acq: 22 May 2023 14:18

Tgt Ion:198 Resp: 430

Ion	Ratio	Lower	Upper
198	100		
51	87.6	31.7	47.5#
105	90.6	29.2	43.8#



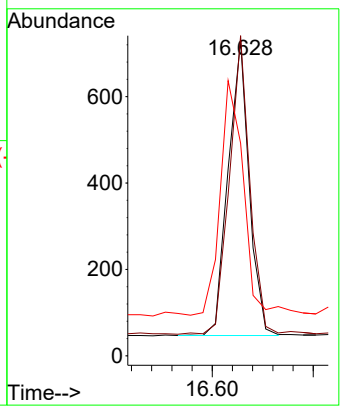


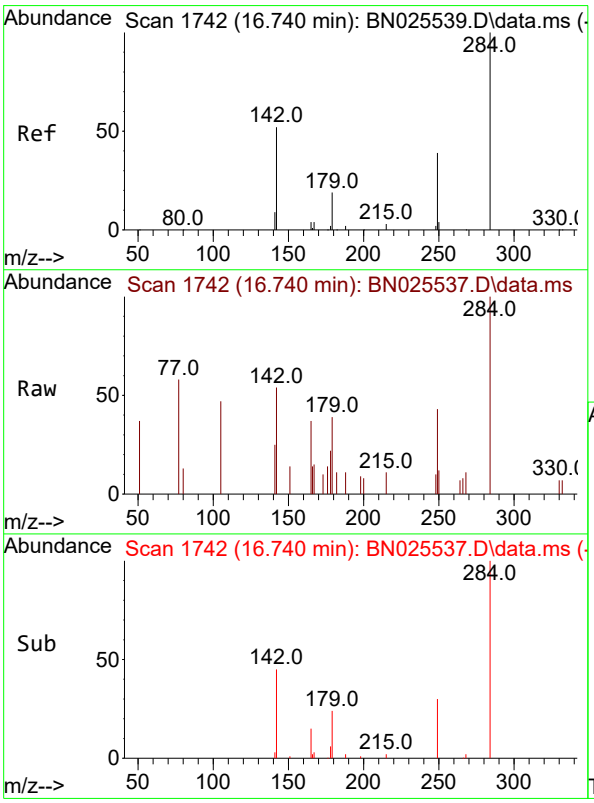
#21
4-Bromophenyl-phenylether
Concen: 0.099 ng
RT: 16.628 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025537.D
Acq: 22 May 2023 14:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:248 Resp: 982

Ion	Ratio	Lower	Upper
248	100		
250	101.4	78.9	118.3
141	67.3	43.9	65.9#

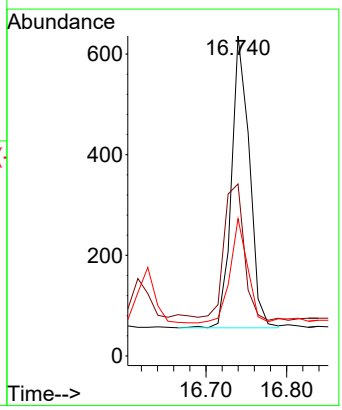


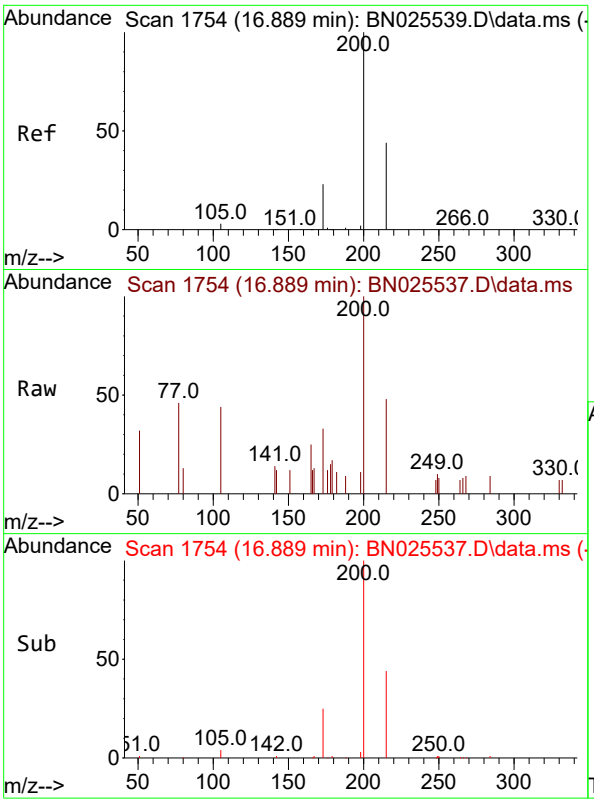


#22
Hexachlorobenzene
Concen: 0.096 ng
RT: 16.740 min Scan# 1742
Delta R.T. -0.000 min
Lab File: BN025537.D
Acq: 22 May 2023 14:18

Tgt Ion:284 Resp: 895

Ion	Ratio	Lower	Upper
284	100		
142	52.6	41.6	62.4
249	34.5	28.3	42.5



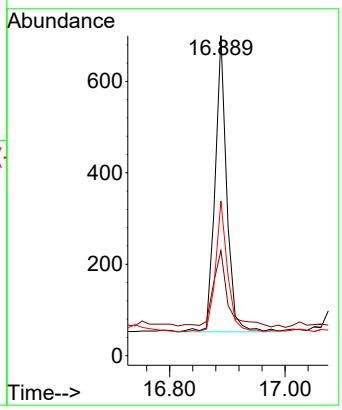


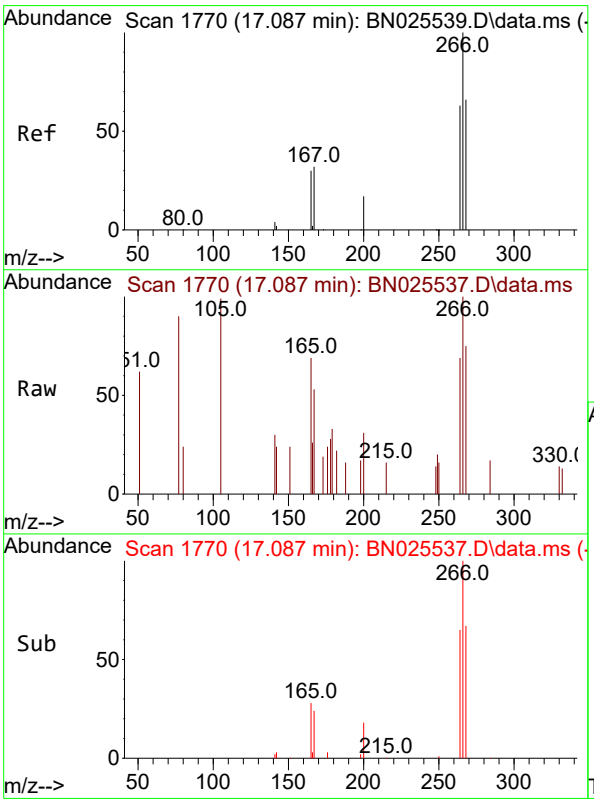
#23
Atrazine
Concen: 0.113 ng
RT: 16.889 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025537.D
Acq: 22 May 2023 14:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:200 Resp: 913

Ion	Ratio	Lower	Upper
200	100		
173	32.9	20.2	30.4#
215	48.3	35.8	53.8

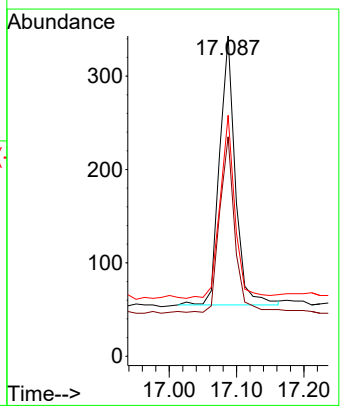


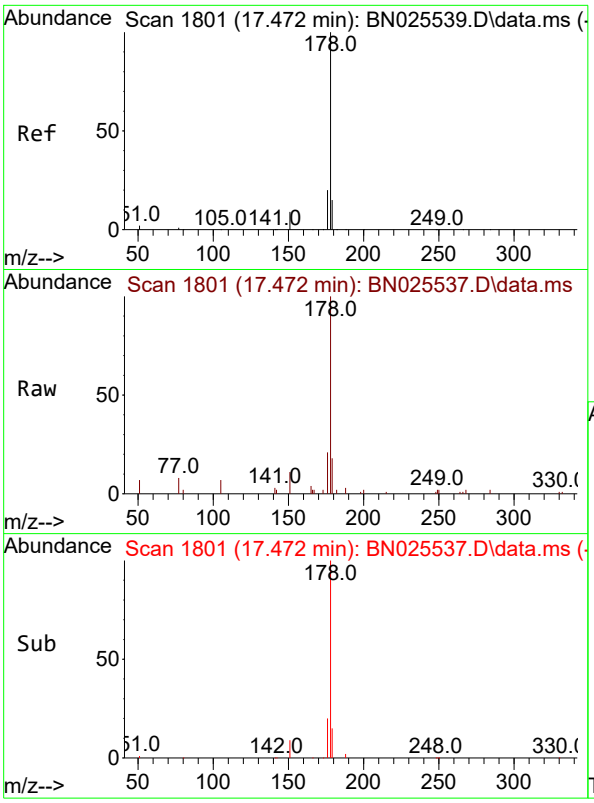


#24
Pentachlorophenol
Concen: 0.099 ng
RT: 17.087 min Scan# 1770
Delta R.T. -0.000 min
Lab File: BN025537.D
Acq: 22 May 2023 14:18

Tgt Ion:266 Resp: 465

Ion	Ratio	Lower	Upper
266	100		
264	66.5	51.3	76.9
268	64.5	51.2	76.8



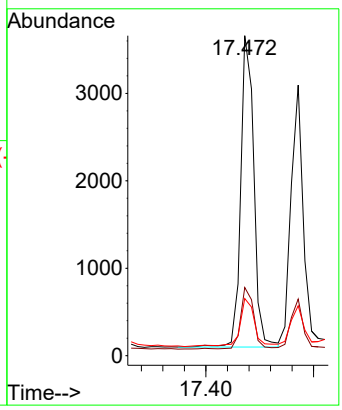


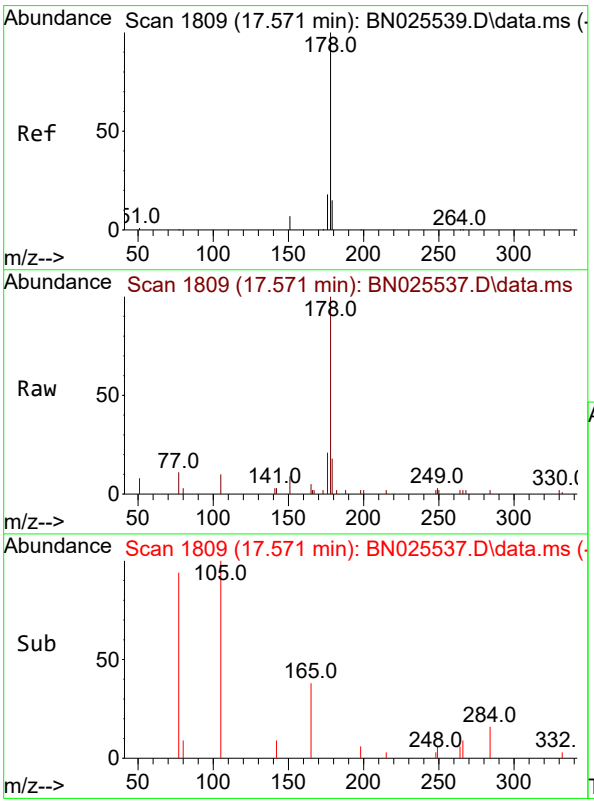
#25
Phenanthrene
Concen: 0.122 ng
RT: 17.472 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025537.D
Acq: 22 May 2023 14:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 6020

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	17.5	12.5	18.7

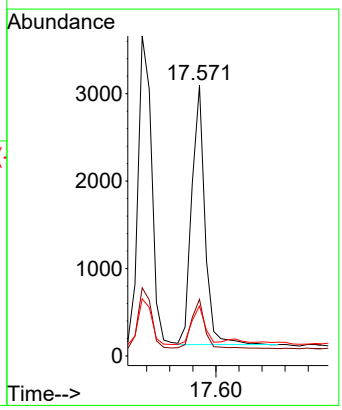


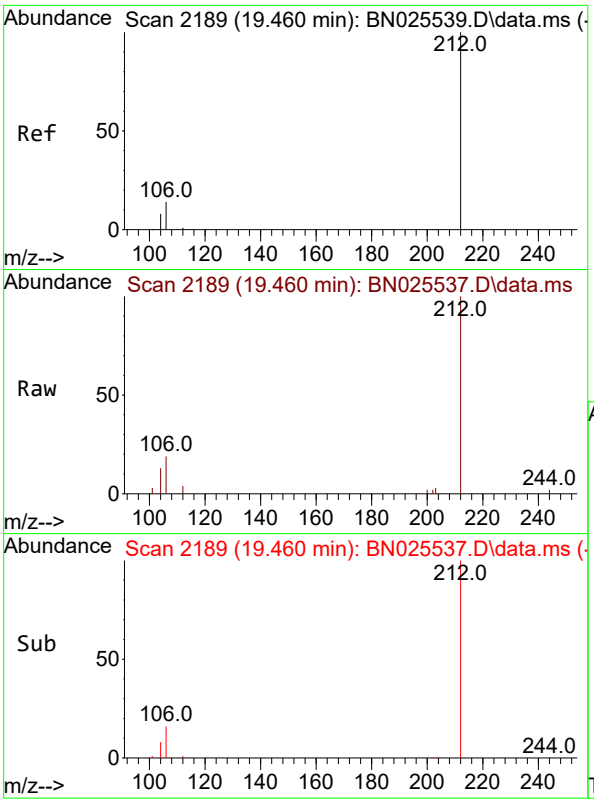


#26
Anthracene
Concen: 0.102 ng
RT: 17.571 min Scan# 1809
Delta R.T. -0.000 min
Lab File: BN025537.D
Acq: 22 May 2023 14:18

Tgt Ion:178 Resp: 4716

Ion	Ratio	Lower	Upper
178	100		
176	19.4	14.8	22.2
179	15.3	12.3	18.5



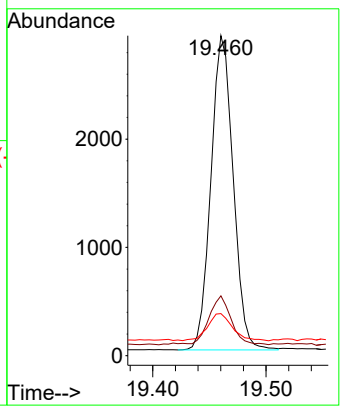


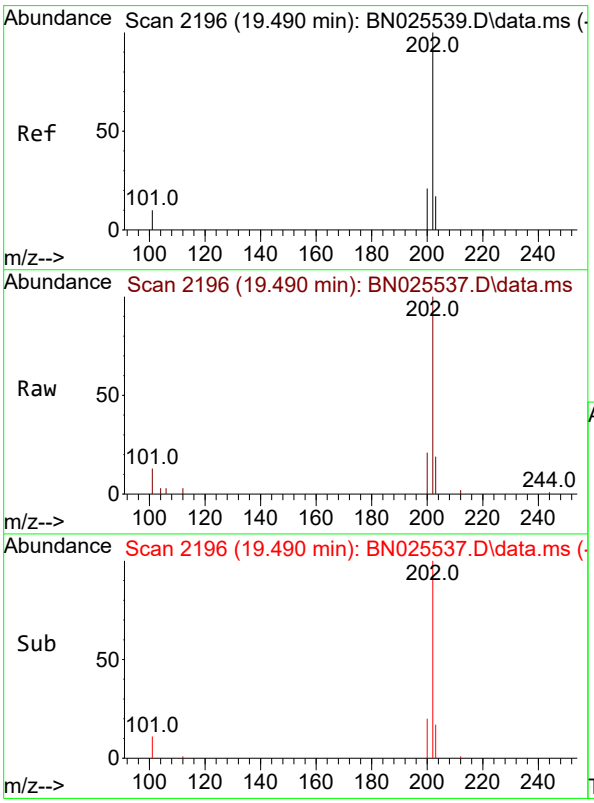
#27
Fluoranthene-d10
Concen: 0.102 ng
RT: 19.460 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN025537.D
Acq: 22 May 2023 14:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:212 Resp: 3968

Ion	Ratio	Lower	Upper
212	100		
106	15.7	11.4	17.2
104	9.6	6.8	10.2

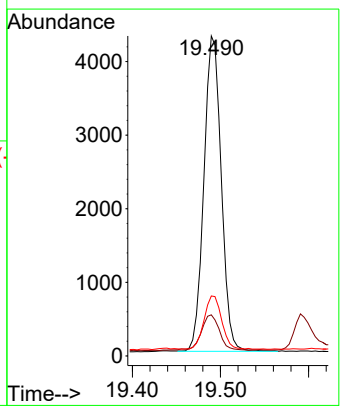


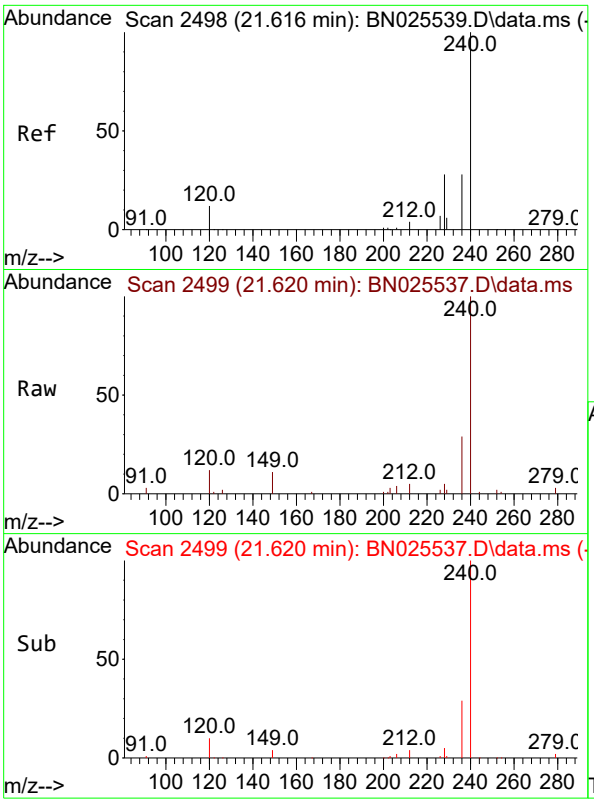


#28
Fluoranthene
Concen: 0.104 ng
RT: 19.490 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BN025537.D
Acq: 22 May 2023 14:18

Tgt Ion:202 Resp: 5871

Ion	Ratio	Lower	Upper
202	100		
101	12.3	8.6	12.8
203	17.3	13.7	20.5



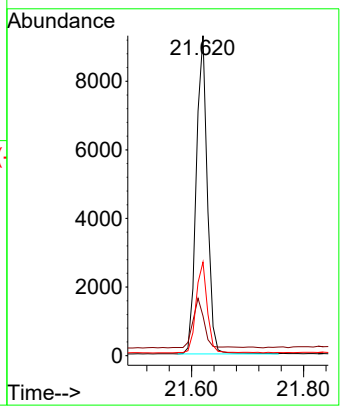


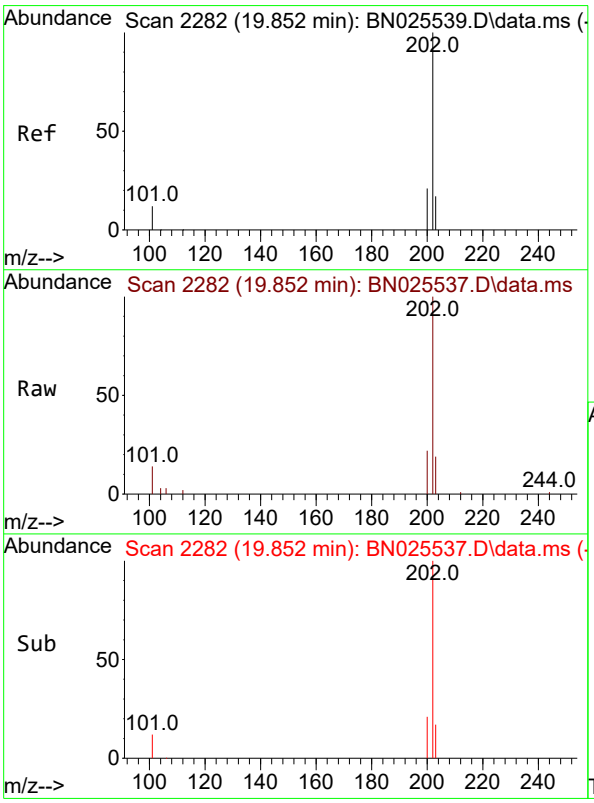
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.620 min Scan# 24
Delta R.T. 0.004 min
Lab File: BN025537.D
Acq: 22 May 2023 14:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 12754

Ion	Ratio	Lower	Upper
240	100		
120	12.4	11.7	17.5
236	29.3	23.0	34.6

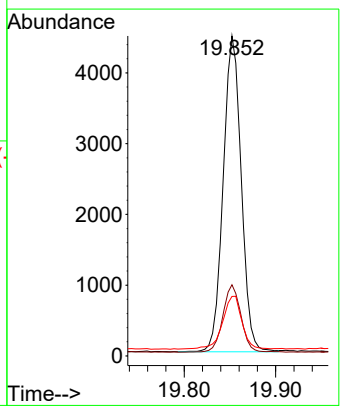


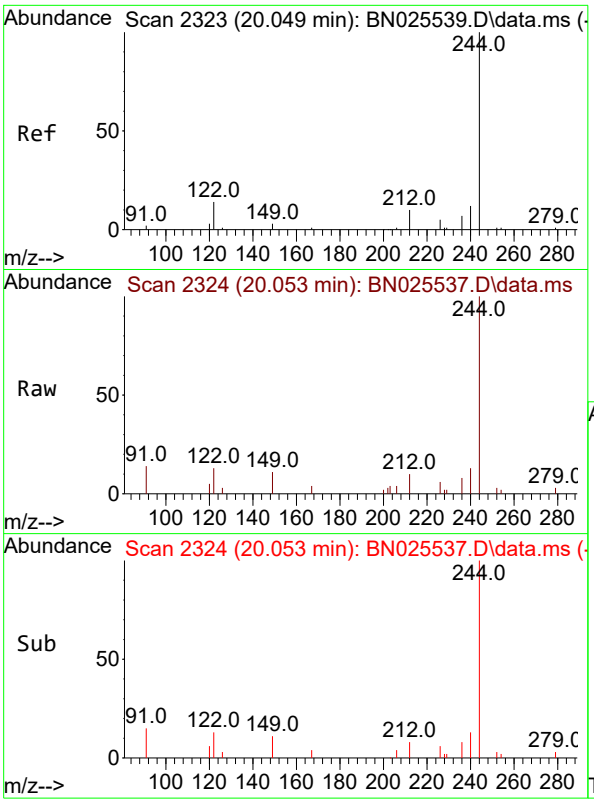


#30
Pyrene
Concen: 0.120 ng
RT: 19.852 min Scan# 2282
Delta R.T. -0.000 min
Lab File: BN025537.D
Acq: 22 May 2023 14:18

Tgt Ion:202 Resp: 6101

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	18.3	14.3	21.5



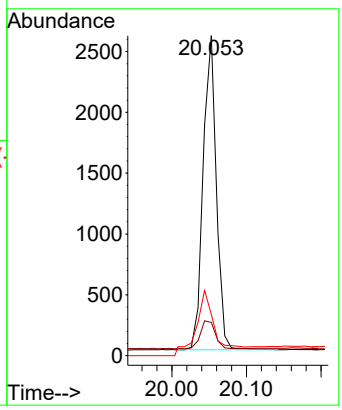


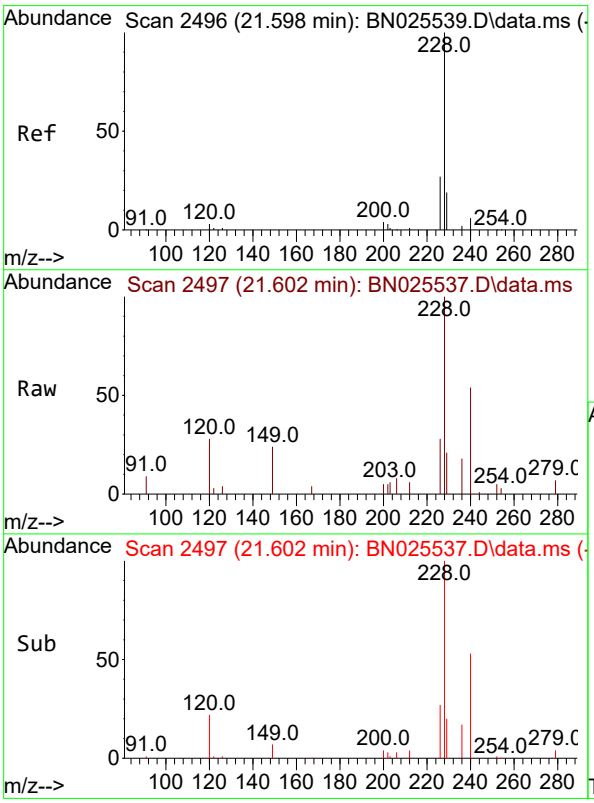
#31
Terphenyl-d14
Concen: 0.140 ng
RT: 20.053 min Scan# 2
Delta R.T. 0.004 min
Lab File: BN025537.D
Acq: 22 May 2023 14:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 3175

Ion	Ratio	Lower	Upper
244	100		
212	10.4	8.4	12.6
122	12.9	11.4	17.0

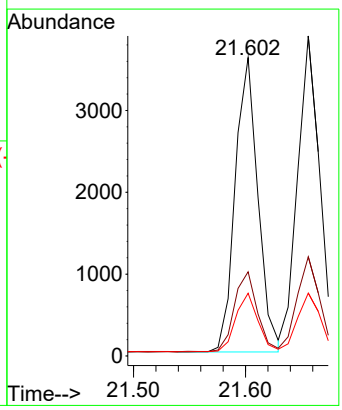


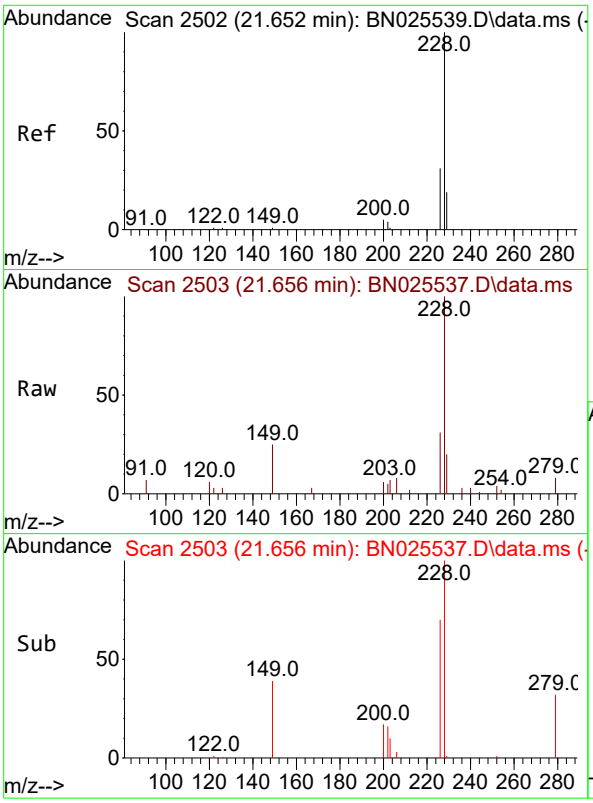


#32
Benzo(a)anthracene
Concen: 0.110 ng
RT: 21.602 min Scan# 2497
Delta R.T. 0.004 min
Lab File: BN025537.D
Acq: 22 May 2023 14:18

Tgt Ion:228 Resp: 5095

Ion	Ratio	Lower	Upper
228	100		
226	28.2	21.9	32.9
229	21.0	15.4	23.2



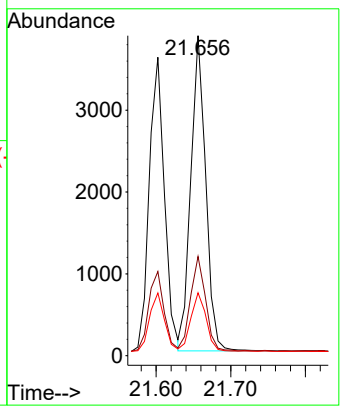


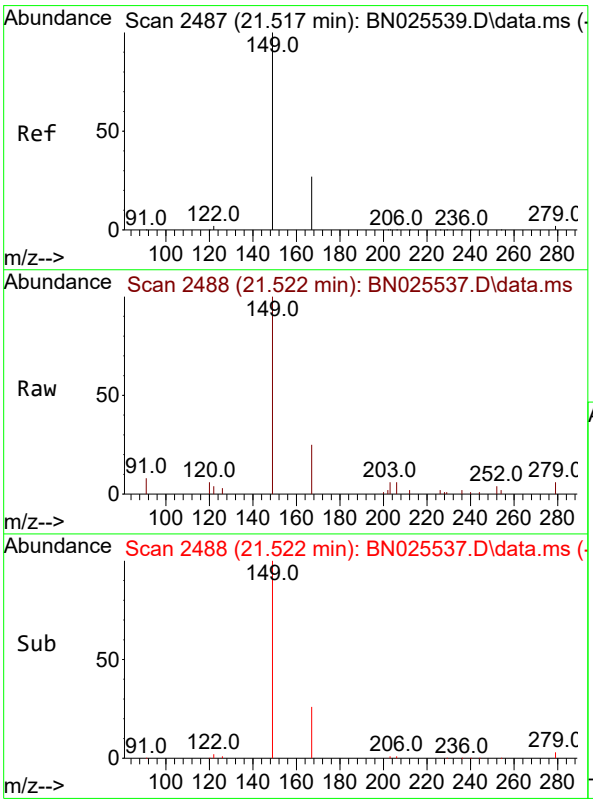
#33
Chrysene
Concen: 0.117 ng
RT: 21.656 min Scan# 2
Delta R.T. 0.004 min
Lab File: BN025537.D
Acq: 22 May 2023 14:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 5351

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.7	37.1
229	19.7	15.7	23.5

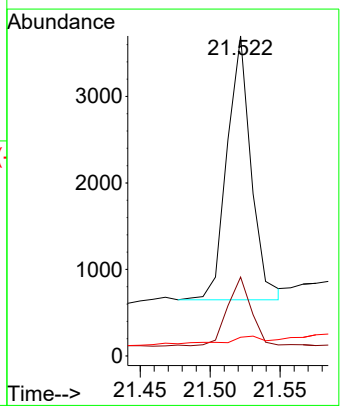


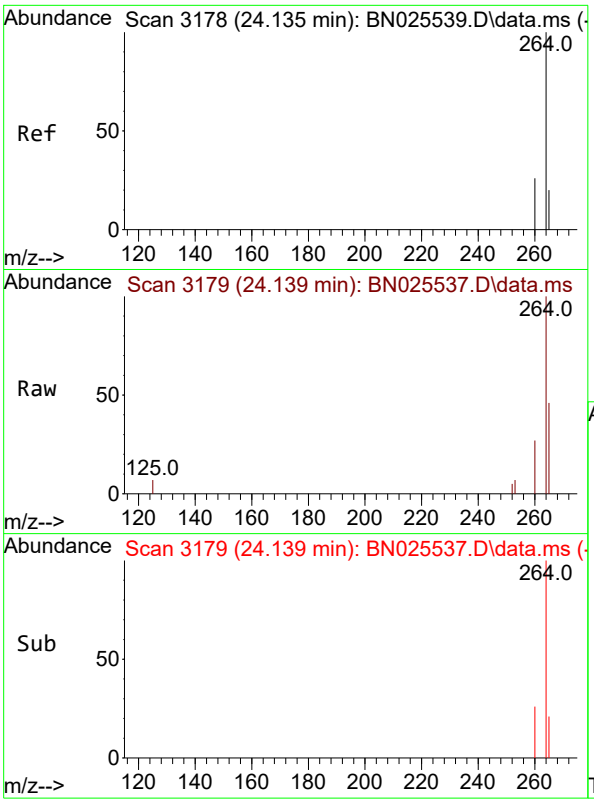


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.134 ng
RT: 21.522 min Scan# 2488
Delta R.T. 0.004 min
Lab File: BN025537.D
Acq: 22 May 2023 14:18

Tgt Ion:149 Resp: 3645

Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.5	32.3
279	6.7	2.6	4.0#



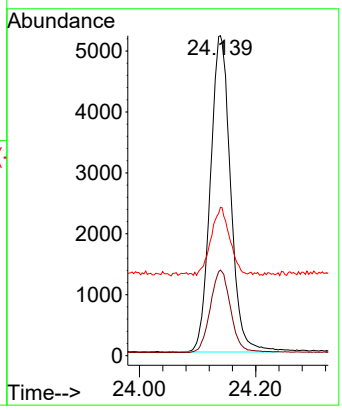


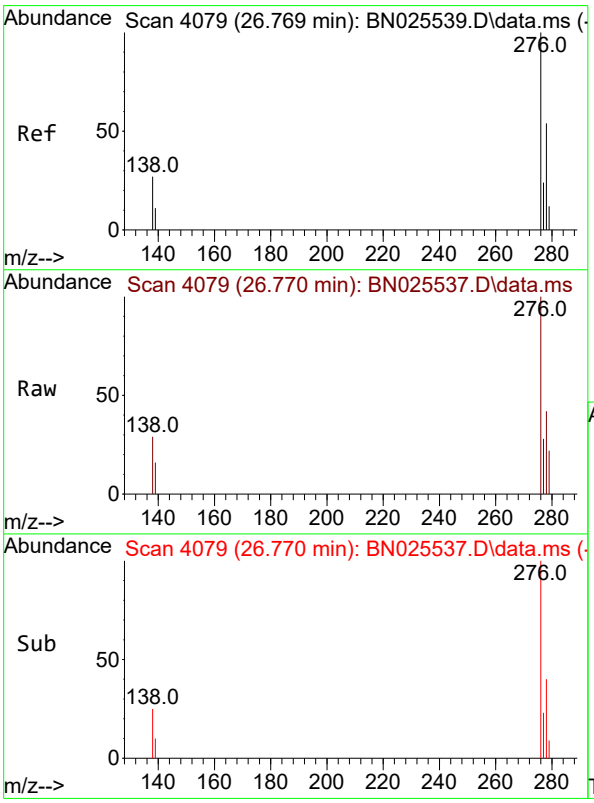
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.139 min Scan# 3
Delta R.T. 0.004 min
Lab File: BN025537.D
Acq: 22 May 2023 14:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:264 Resp: 12551

Ion	Ratio	Lower	Upper
264	100		
260	26.8	21.1	31.7
265	46.3	35.5	53.3

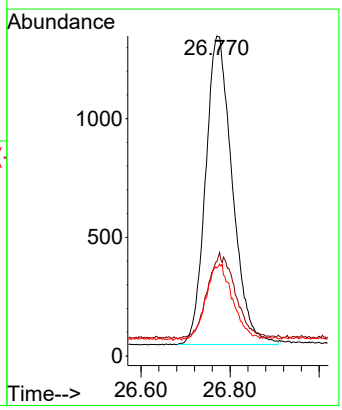


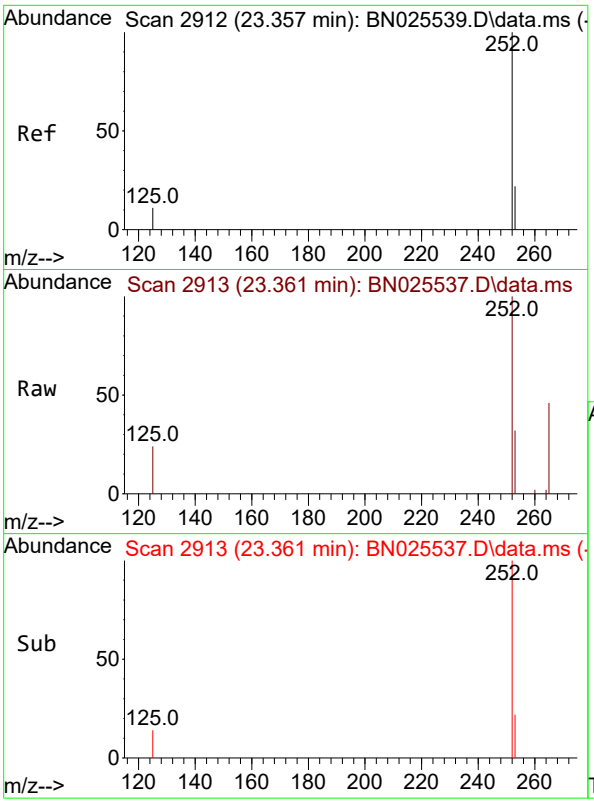


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.106 ng
RT: 26.770 min Scan# 4079
Delta R.T. 0.001 min
Lab File: BN025537.D
Acq: 22 May 2023 14:18

Tgt Ion:276 Resp: 5405

Ion	Ratio	Lower	Upper
276	100		
138	15.4	22.8	34.2#
277	24.6	19.8	29.6



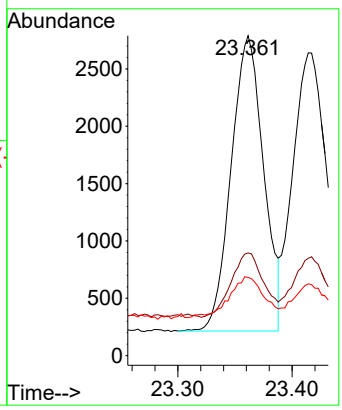


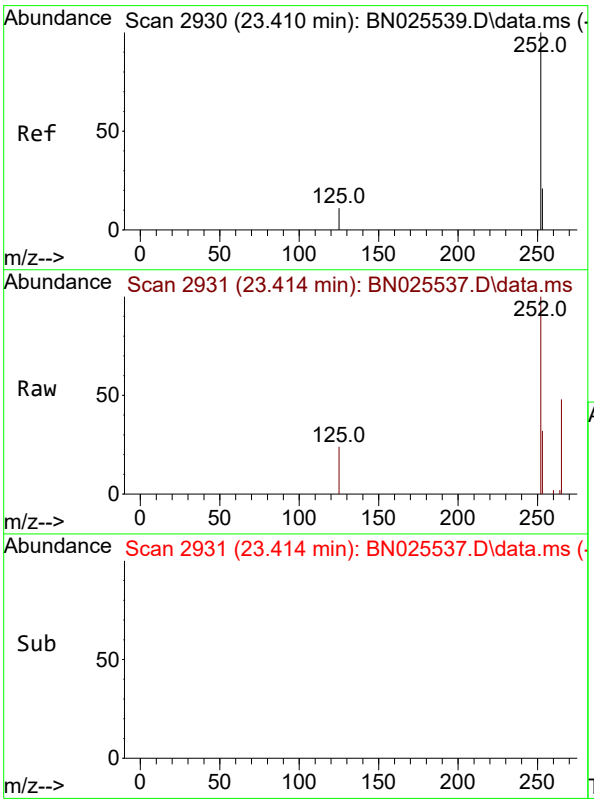
#37
Benzo(b)fluoranthene
Concen: 0.109 ng
RT: 23.361 min Scan# 2
Delta R.T. 0.004 min
Lab File: BN025537.D
Acq: 22 May 2023 14:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 5070

Ion	Ratio	Lower	Upper
252	100		
253	32.1	19.7	29.5#
125	24.4	11.3	16.9#

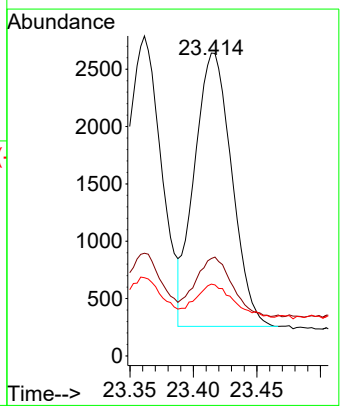


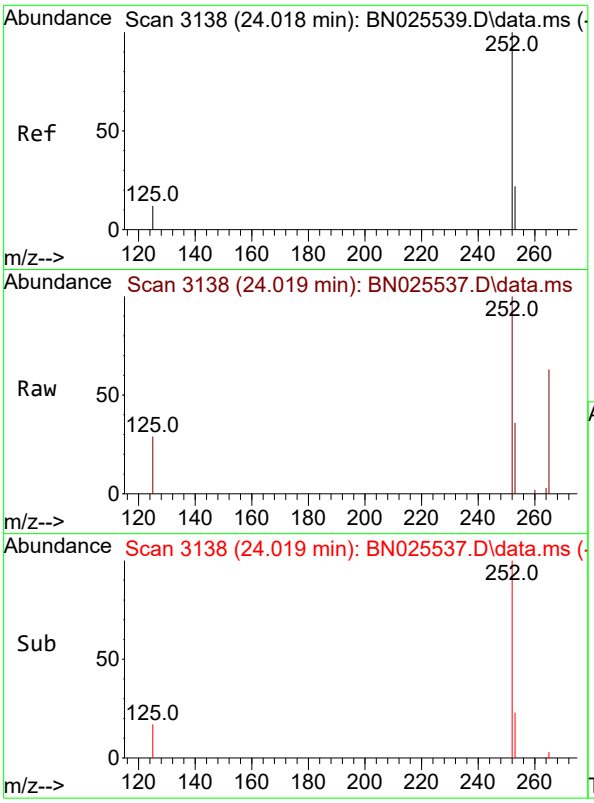


#38
Benzo(k)fluoranthene
Concen: 0.102 ng
RT: 23.414 min Scan# 2931
Delta R.T. 0.004 min
Lab File: BN025537.D
Acq: 22 May 2023 14:18

Tgt Ion:252 Resp: 4880

Ion	Ratio	Lower	Upper
252	100		
253	32.2	19.4	29.2#
125	23.7	10.9	16.3#



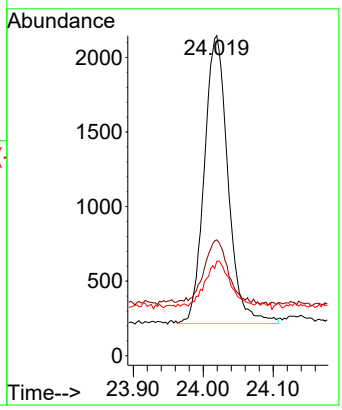


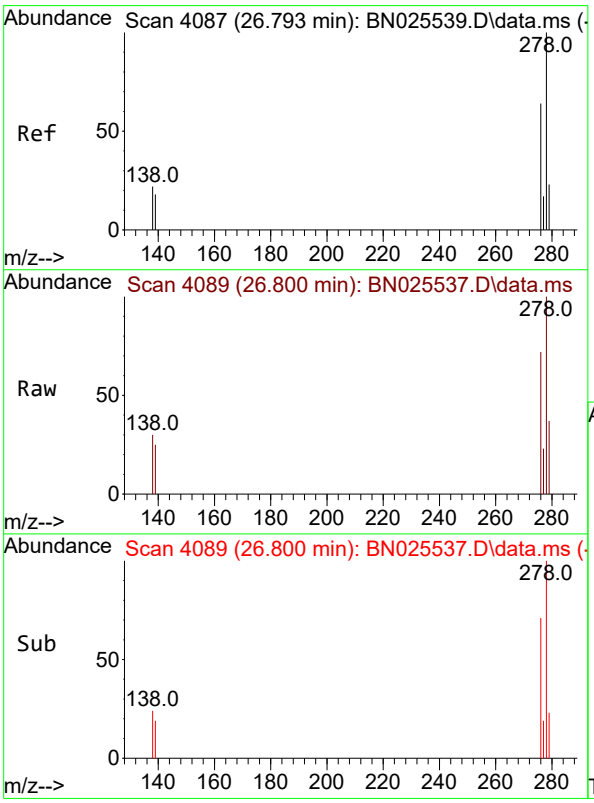
#39
Benzo(a)pyrene
Concen: 0.104 ng
RT: 24.019 min Scan# 3
Delta R.T. 0.001 min
Lab File: BN025537.D
Acq: 22 May 2023 14:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 4540

Ion	Ratio	Lower	Upper
252	100		
253	36.2	20.3	30.5#
125	29.5	12.7	19.1#

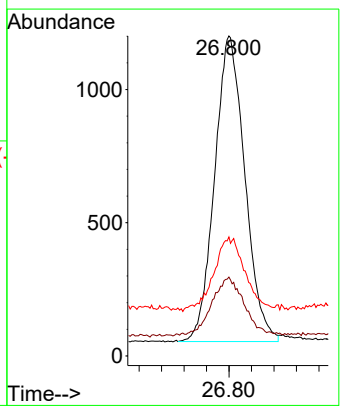


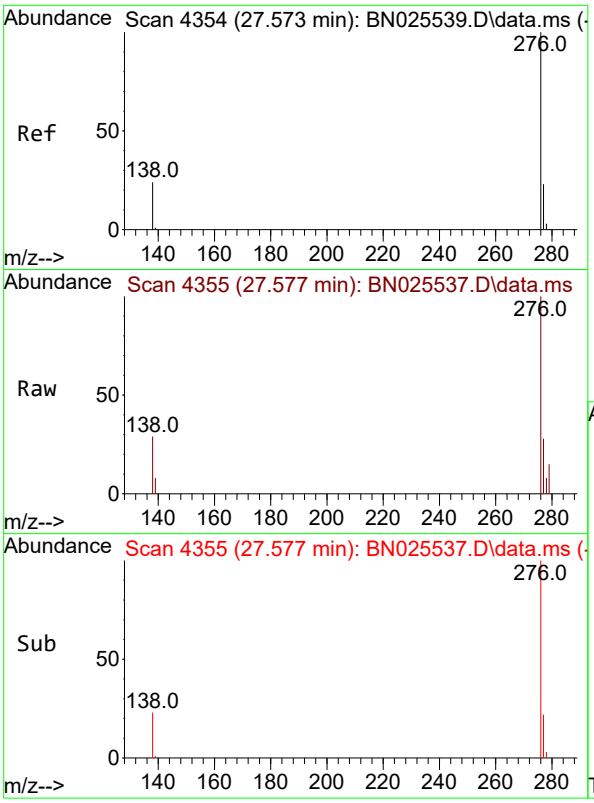


#40
Dibenzo(a,h)anthracene
Concen: 0.105 ng
RT: 26.800 min Scan# 4089
Delta R.T. 0.007 min
Lab File: BN025537.D
Acq: 22 May 2023 14:18

Tgt Ion:278 Resp: 4284

Ion	Ratio	Lower	Upper
278	100		
139	24.6	15.8	23.6#
279	37.2	21.0	31.6#





#41
Benzo(g,h,i)perylene
Concen: 0.109 ng
RT: 27.577 min Scan# 4
Delta R.T. 0.004 min
Lab File: BN025537.D
Acq: 22 May 2023 14:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 4674

Ion	Ratio	Lower	Upper
276	100		
277	28.0	19.3	28.9
138	28.9	20.6	30.8