Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011823\
Data File : BN023697.D
Acq On : 18 Jan 2023 11:22
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Jan 19 01:06:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 18 15:53:42 2023
Response via : Initial Calibration

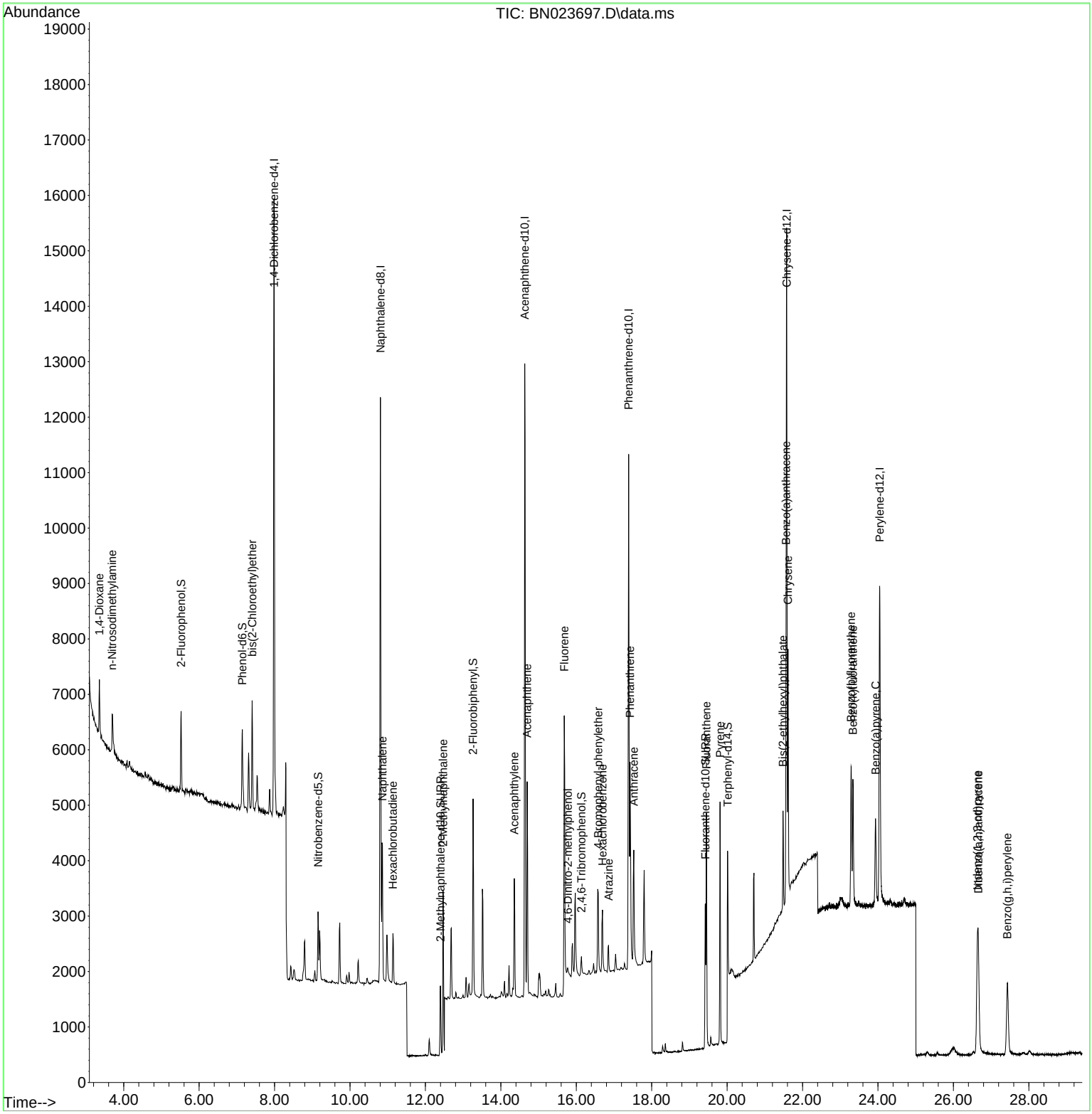
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.984	152	5265	0.400	ng		0.00
7) Naphthalene-d8	10.808	136	13596	0.400	ng		0.00
13) Acenaphthene-d10	14.634	164	6658	0.400	ng		-0.01
19) Phenanthrene-d10	17.390	188	13645	0.400	ng		0.00
29) Chrysene-d12	21.580	240	10568	0.400	ng		0.00
35) Perylene-d12	24.044	264	8647	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.522	112	1165	0.105	ng		0.00
5) Phenol-d6	7.147	99	1333	0.101	ng		0.00
8) Nitrobenzene-d5	9.153	82	1028	0.096	ng		0.00
11) 2-Methylnaphthalene-d10	12.397	152	1670	0.089	ng		0.00
14) 2,4,6-Tribromophenol	16.136	330	237	0.084	ng		0.00
15) 2-Fluorobiphenyl	13.266	172	3176	0.112	ng		0.00
27) Fluoranthene-d10	19.422	212	2902	0.091	ng		0.00
31) Terphenyl-d14	20.013	244	1773	0.106	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	615	0.110	ng	#	93
3) n-Nitrosodimethylamine	3.694	42	607	0.093	ng	#	91
6) bis(2-Chloroethyl)ether	7.407	93	1338	0.099	ng		99
9) Naphthalene	10.861	128	3418	0.097	ng	#	95
10) Hexachlorobutadiene	11.139	225	698	0.098	ng	#	100
12) 2-Methylnaphthalene	12.469	142	2474	0.100	ng		97
16) Acenaphthylene	14.356	152	2366	0.087	ng		100
17) Acenaphthene	14.698	154	1794	0.095	ng		99
18) Fluorene	15.682	166	2422	0.090	ng		98
20) 4,6-Dinitro-2-methylph...	15.776	198	171	0.300	ng	#	1
21) 4-Bromophenyl-phenylether	16.583	248	728	0.093	ng		96
22) Hexachlorobenzene	16.694	284	889	0.093	ng		97
23) Atrazine	16.856	200	493	0.088	ng	#	85
25) Phenanthrene	17.427	178	3759	0.095	ng		97
26) Anthracene	17.526	178	2808	0.087	ng		99
28) Fluoranthene	19.452	202	3816	0.088	ng		99
30) Pyrene	19.814	202	3918	0.100	ng		99
32) Benzo(a)anthracene	21.562	228	3164	0.094	ng		97
33) Chrysene	21.616	228	3624	0.096	ng		97
34) Bis(2-ethylhexyl)phtha...	21.482	149	1773	0.118	ng	#	98
36) Indeno(1,2,3-cd)pyrene	26.638	276	3516	0.091	ng	#	85
37) Benzo(b)fluoranthene	23.287	252	3302	0.092	ng	#	68
38) Benzo(k)fluoranthene	23.337	252	3169	0.088	ng	#	68
39) Benzo(a)pyrene	23.936	252	2462	0.093	ng	#	50
40) Dibenzo(a,h)anthracene	26.661	278	2773	0.089	ng	#	79
41) Benzo(g,h,i)perylene	27.430	276	3017	0.092	ng	#	89

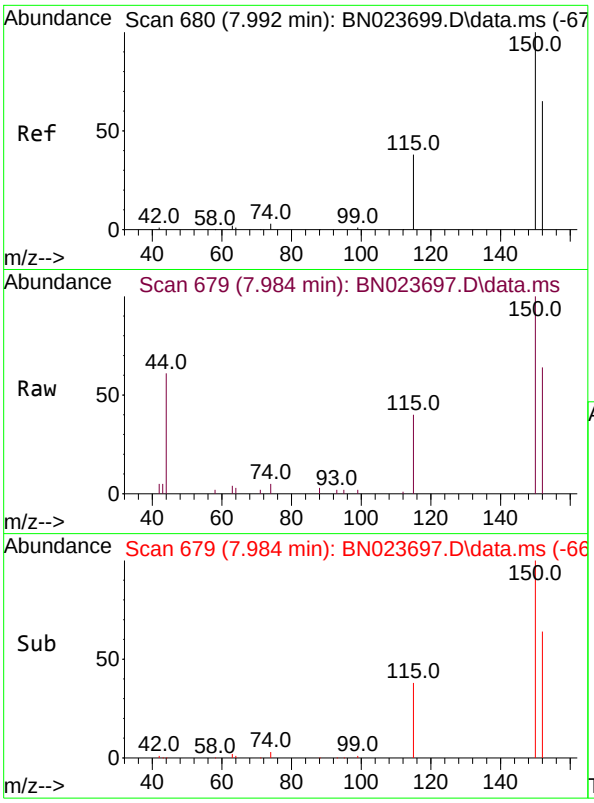
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011823\
Data File : BN023697.D
Acq On : 18 Jan 2023 11:22
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Jan 19 01:06:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 18 15:53:42 2023
Response via : Initial Calibration



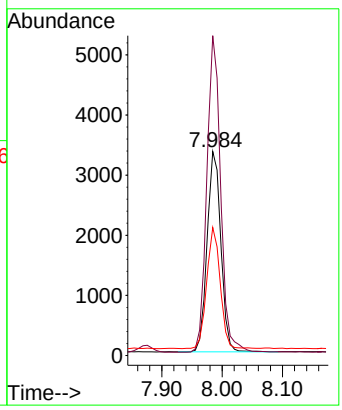


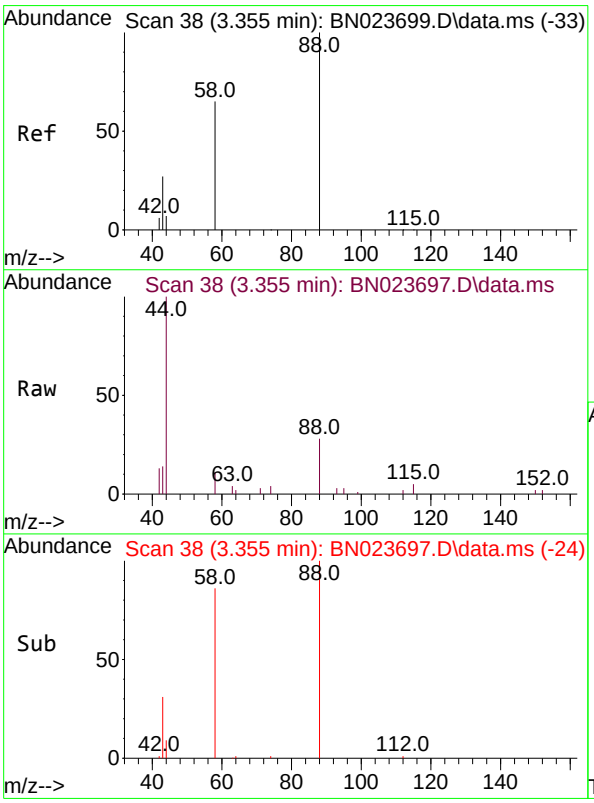
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.984 min Scan# 6
Delta R.T. -0.008 min
Lab File: BN023697.D
Acq: 18 Jan 2023 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 5265

Ion	Ratio	Lower	Upper
152	100		
150	156.7	122.4	183.6
115	62.7	48.2	72.4

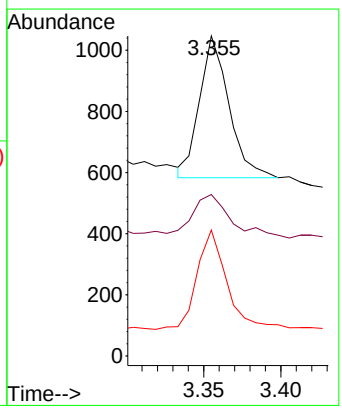


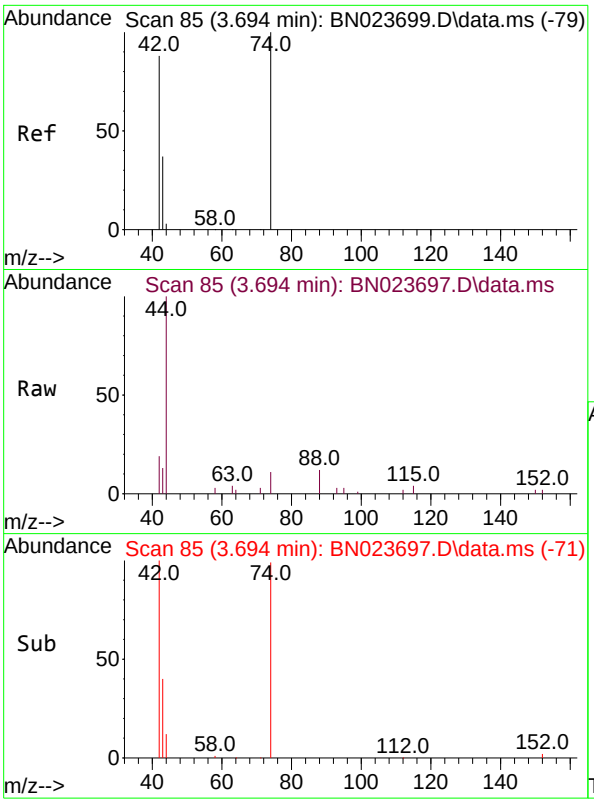


#2
1,4-Dioxane
Concen: 0.110 ng
RT: 3.355 min Scan# 38
Delta R.T. -0.000 min
Lab File: BN023697.D
Acq: 18 Jan 2023 11:22

Tgt Ion: 88 Resp: 615

Ion	Ratio	Lower	Upper
88	100		
43	43.3	26.8	40.2#
58	71.5	58.5	87.7



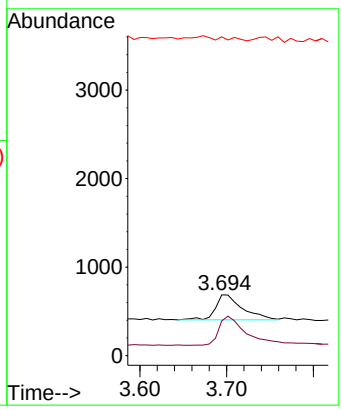


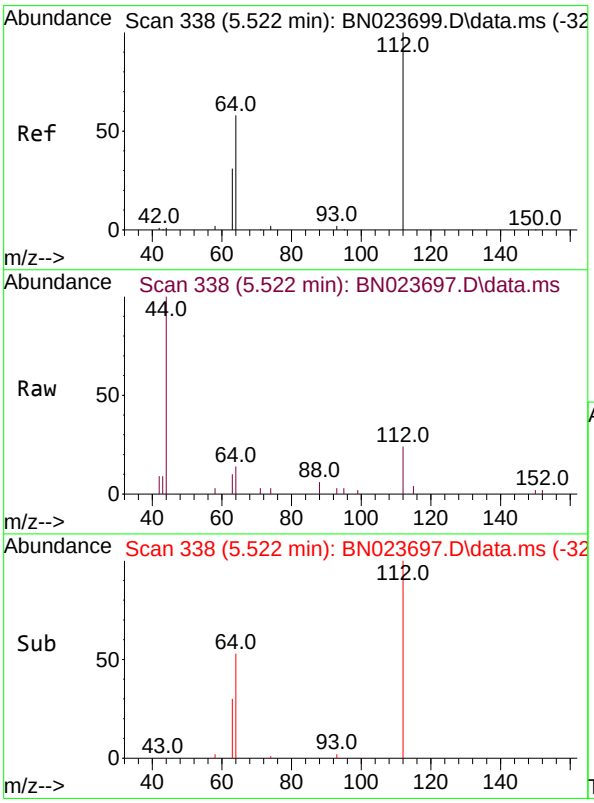
#3
n-Nitrosodimethylamine
Concen: 0.093 ng
RT: 3.694 min Scan# 8
Delta R.T. -0.000 min
Lab File: BN023697.D
Acq: 18 Jan 2023 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 42 Resp: 607

Ion	Ratio	Lower	Upper
42	100		
74	116.1	87.4	131.2
44	0.0	9.4	14.2#

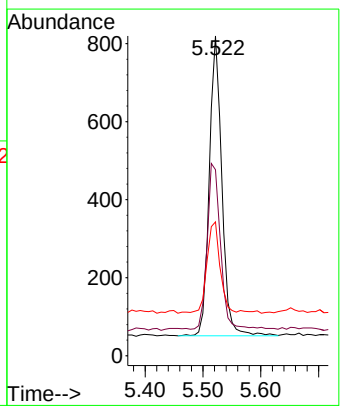


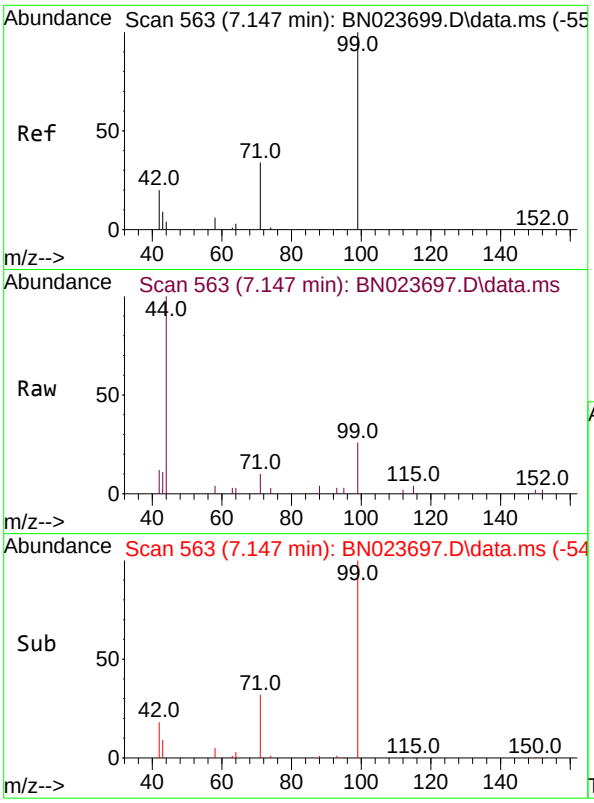


#4
2-Fluorophenol
Concen: 0.105 ng
RT: 5.522 min Scan# 338
Delta R.T. -0.000 min
Lab File: BN023697.D
Acq: 18 Jan 2023 11:22

Tgt Ion:112 Resp: 1165

Ion	Ratio	Lower	Upper
112	100		
64	59.1	45.8	68.8
63	30.2	25.3	37.9



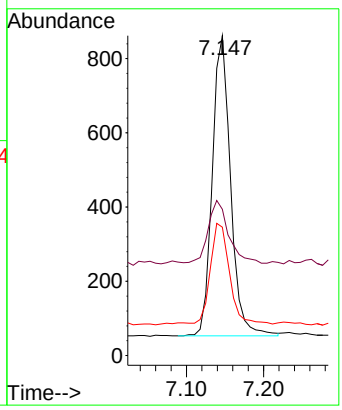


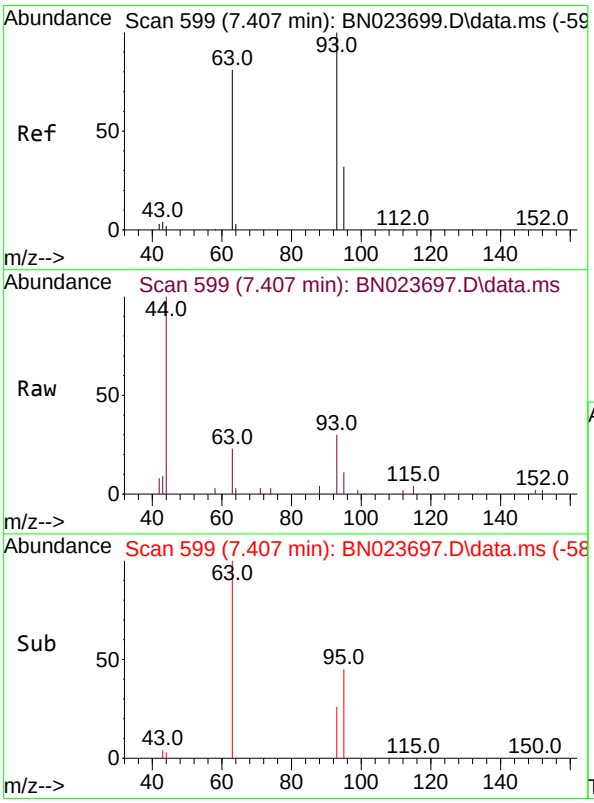
#5
Phenol-d6
Concen: 0.101 ng
RT: 7.147 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN023697.D
Acq: 18 Jan 2023 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 1333

Ion	Ratio	Lower	Upper
99	100		
42	23.3	19.4	29.0
71	36.5	28.7	43.1

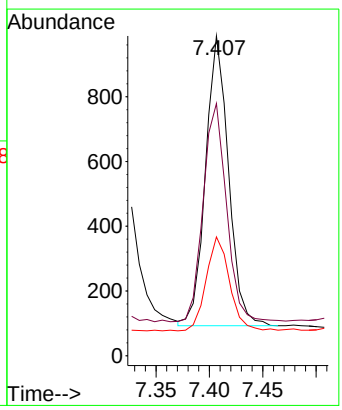


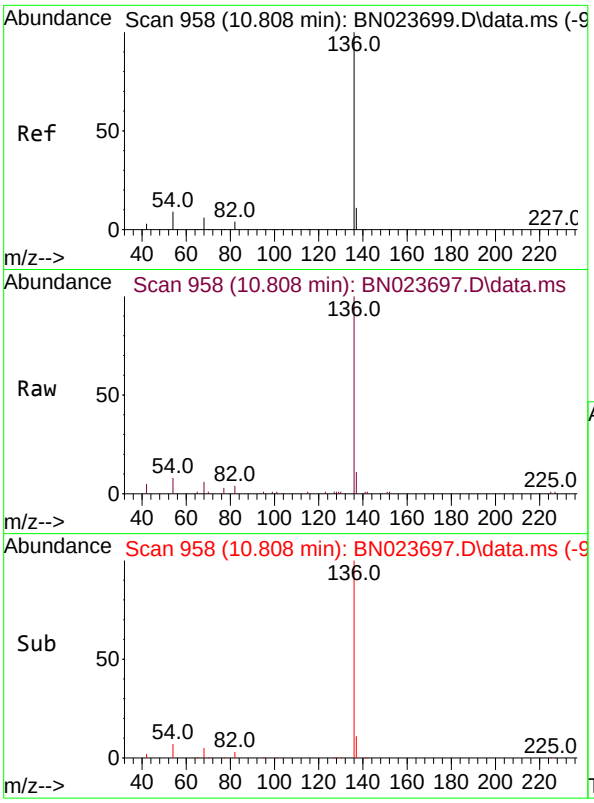


#6
bis(2-Chloroethyl)ether
Concen: 0.099 ng
RT: 7.407 min Scan# 599
Delta R.T. -0.000 min
Lab File: BN023697.D
Acq: 18 Jan 2023 11:22

Tgt Ion: 93 Resp: 1338

Ion	Ratio	Lower	Upper
93	100		
63	76.7	61.8	92.6
95	33.1	25.9	38.9



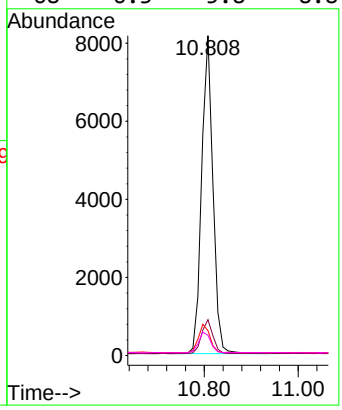


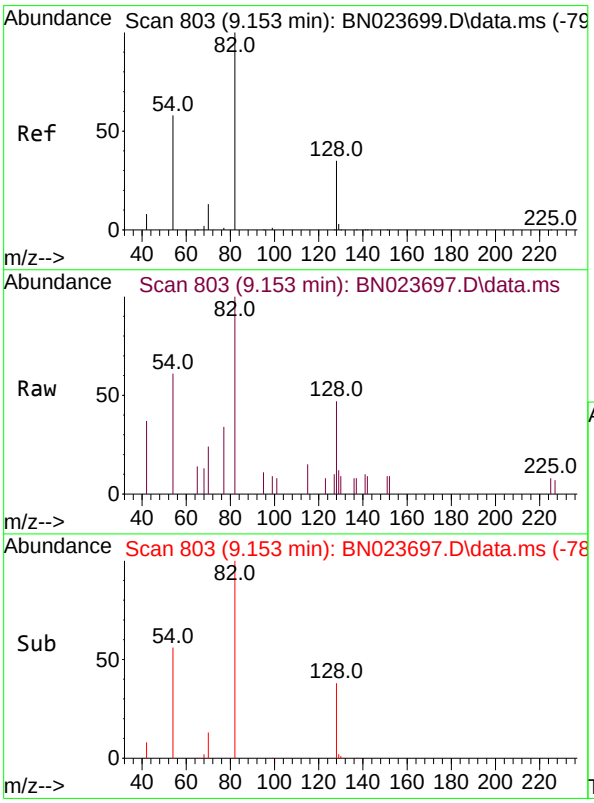
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.808 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN023697.D
Acq: 18 Jan 2023 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 13596

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	7.8	7.5	11.3
68	6.3	5.8	8.8

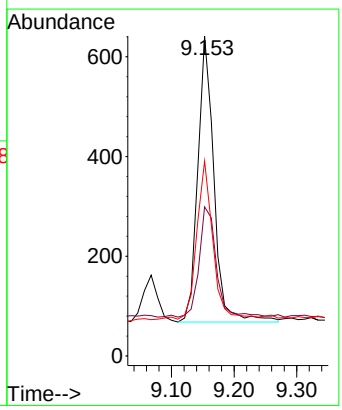


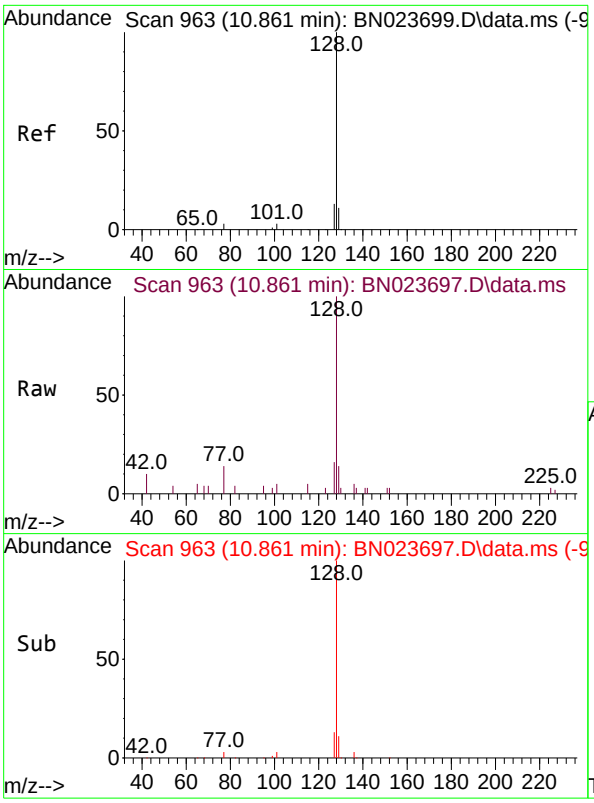


#8
Nitrobenzene-d5
Concen: 0.096 ng
RT: 9.153 min Scan# 803
Delta R.T. -0.000 min
Lab File: BN023697.D
Acq: 18 Jan 2023 11:22

Tgt Ion: 82 Resp: 1028

Ion	Ratio	Lower	Upper
82	100		
128	46.6	30.2	45.2#
54	60.9	47.3	70.9



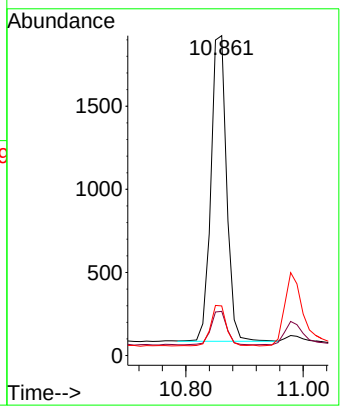


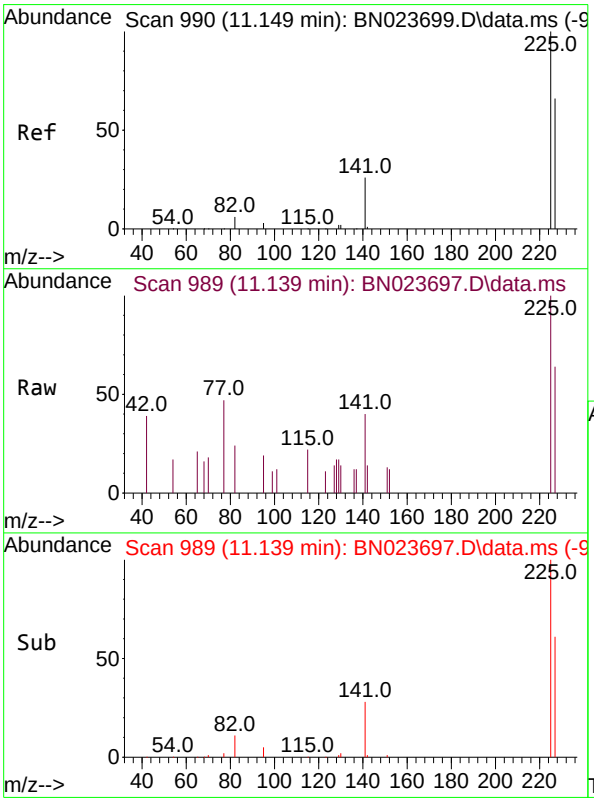
#9
Naphthalene
Concen: 0.097 ng
RT: 10.861 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN023697.D
Acq: 18 Jan 2023 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 3418

Ion	Ratio	Lower	Upper
128	100		
129	13.8	9.2	13.8#
127	15.5	10.9	16.3

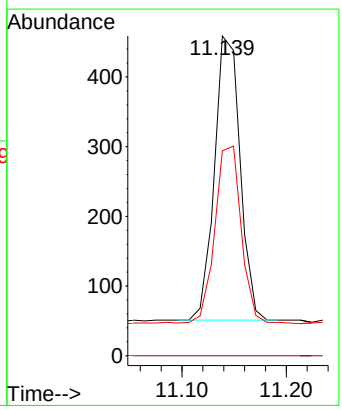


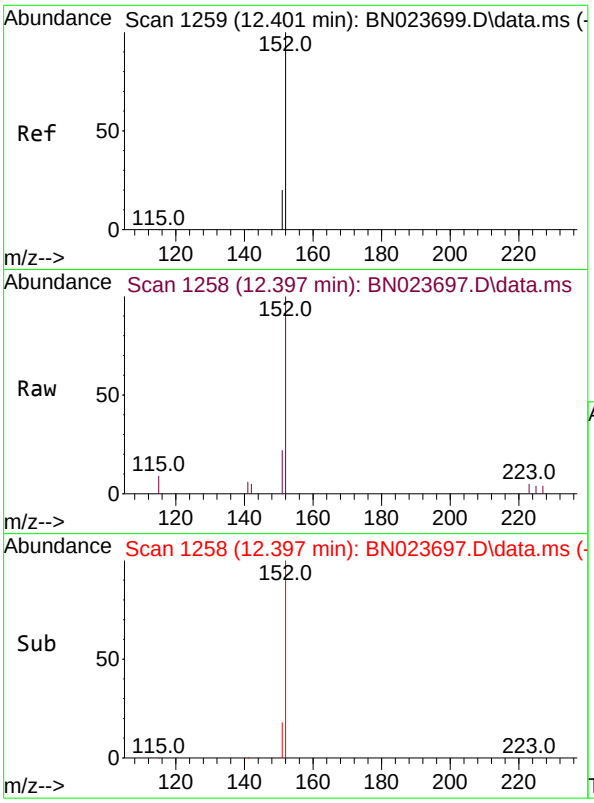


#10
Hexachlorobutadiene
Concen: 0.098 ng
RT: 11.139 min Scan# 989
Delta R.T. -0.011 min
Lab File: BN023697.D
Acq: 18 Jan 2023 11:22

Tgt Ion:225 Resp: 698

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	51.0	76.6



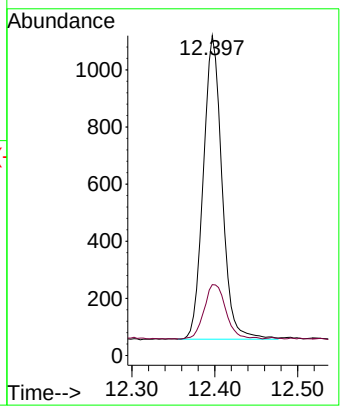


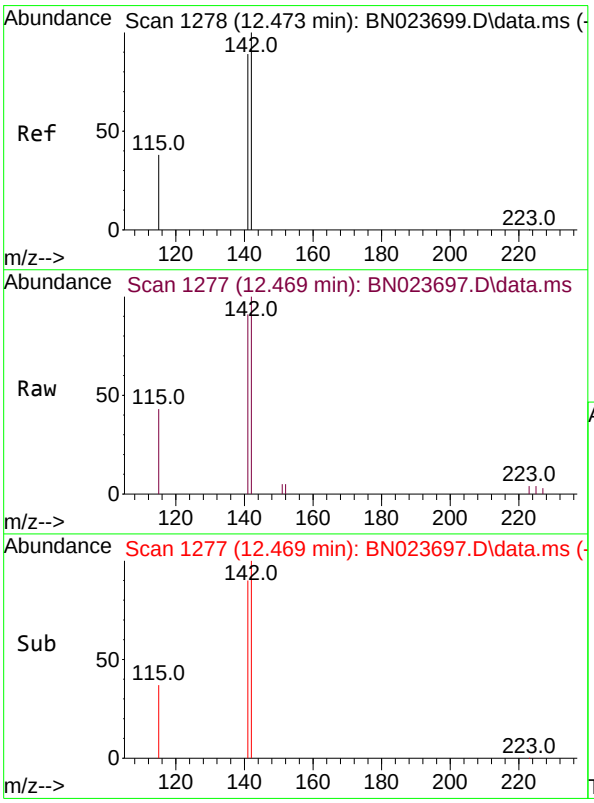
#11
2-Methylnaphthalene-d10
Concen: 0.089 ng
RT: 12.397 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN023697.D
Acq: 18 Jan 2023 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 1670

Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.1	25.7

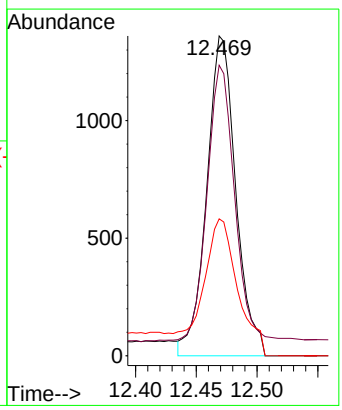


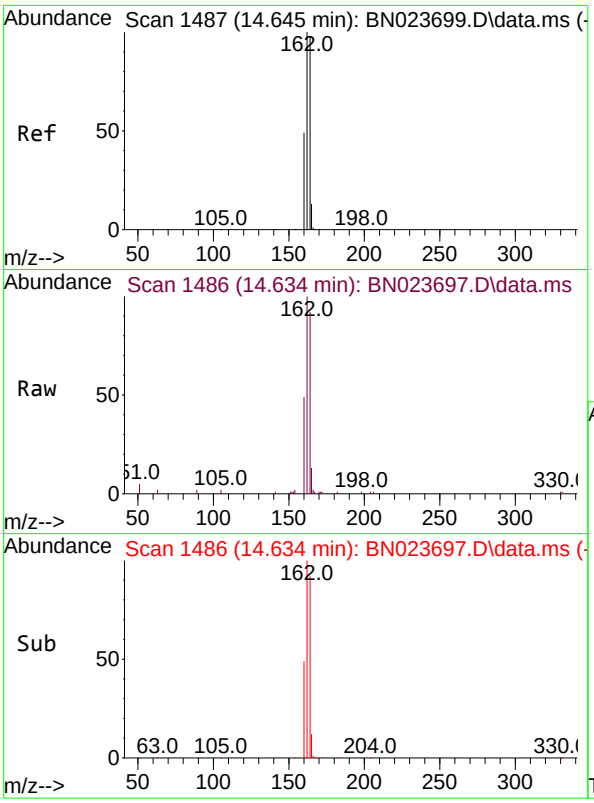


#12
2-Methylnaphthalene
Concen: 0.100 ng
RT: 12.469 min Scan# 1277
Delta R.T. -0.004 min
Lab File: BN023697.D
Acq: 18 Jan 2023 11:22

Tgt Ion:142 Resp: 2474

Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.4	107.0
115	42.8	31.2	46.8



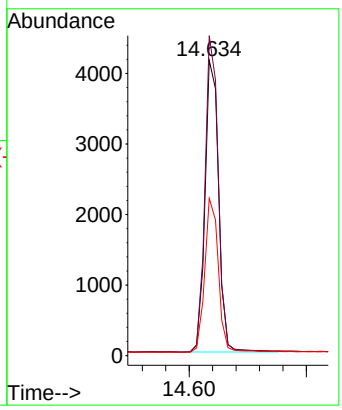


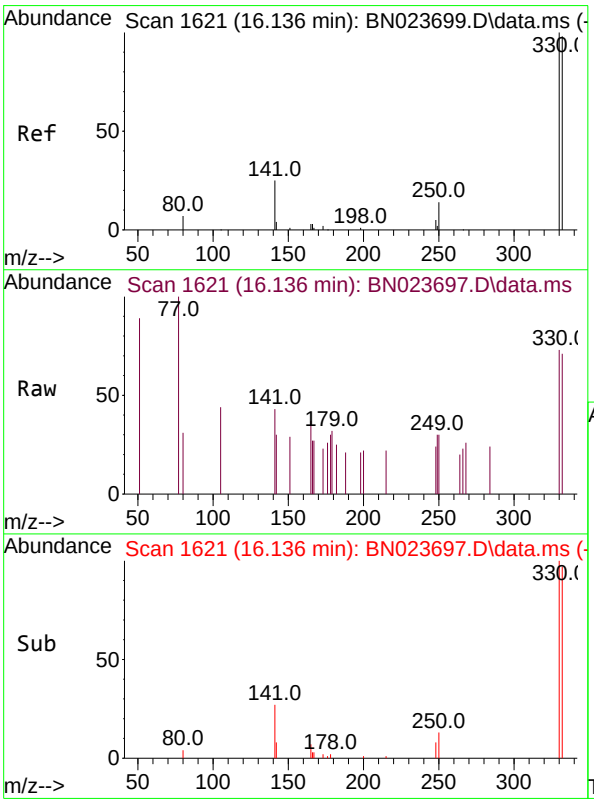
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.634 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN023697.D
Acq: 18 Jan 2023 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:164 Resp: 6658

Ion	Ratio	Lower	Upper
164	100		
162	108.4	81.8	122.6
160	53.3	40.3	60.5

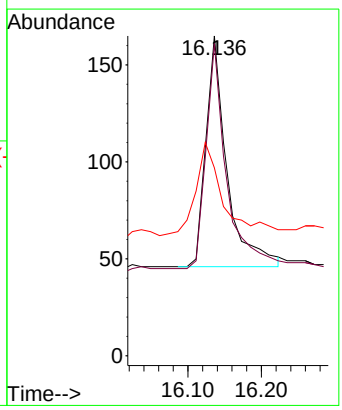


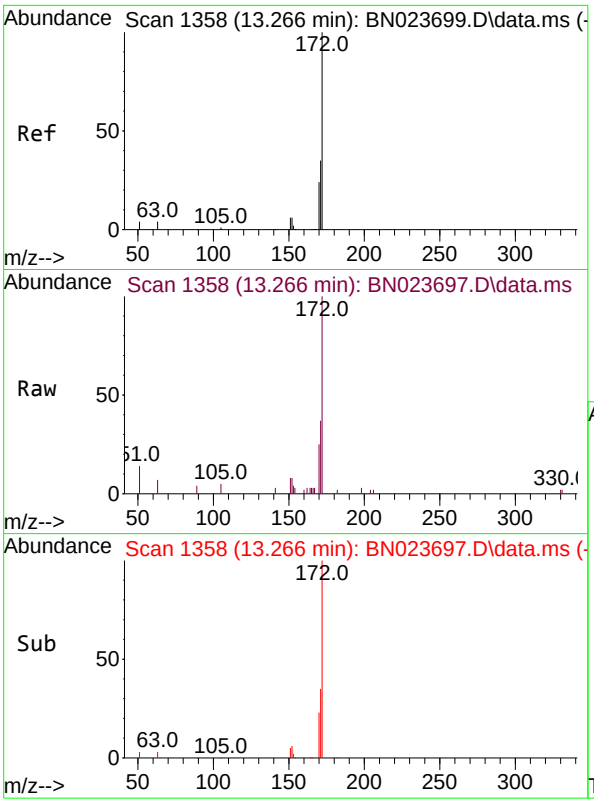


#14
2,4,6-Tribromophenol
Concen: 0.084 ng
RT: 16.136 min Scan# 1621
Delta R.T. -0.000 min
Lab File: BN023697.D
Acq: 18 Jan 2023 11:22

Tgt Ion:330 Resp: 237

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.6	116.4
141	53.2	35.0	52.4#



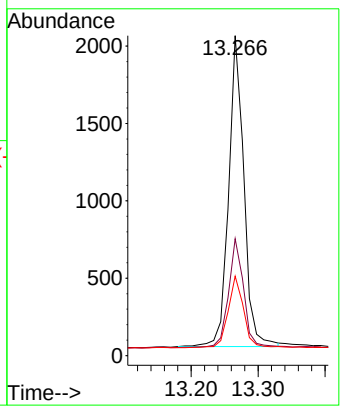


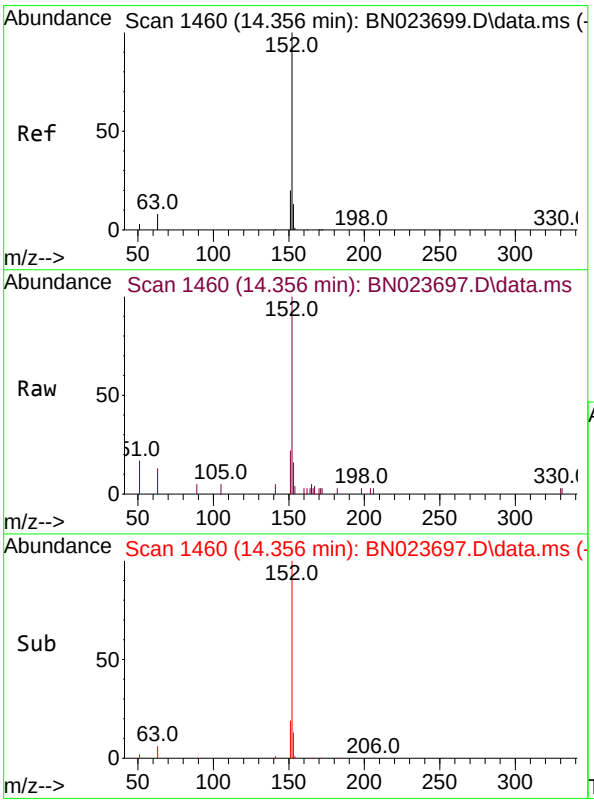
#15
2-Fluorobiphenyl
Concen: 0.112 ng
RT: 13.266 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN023697.D
Acq: 18 Jan 2023 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 3176

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	42.8
170	24.8	20.0	30.0

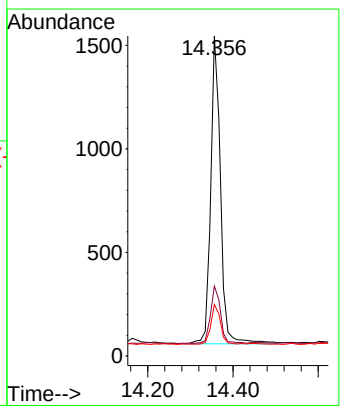


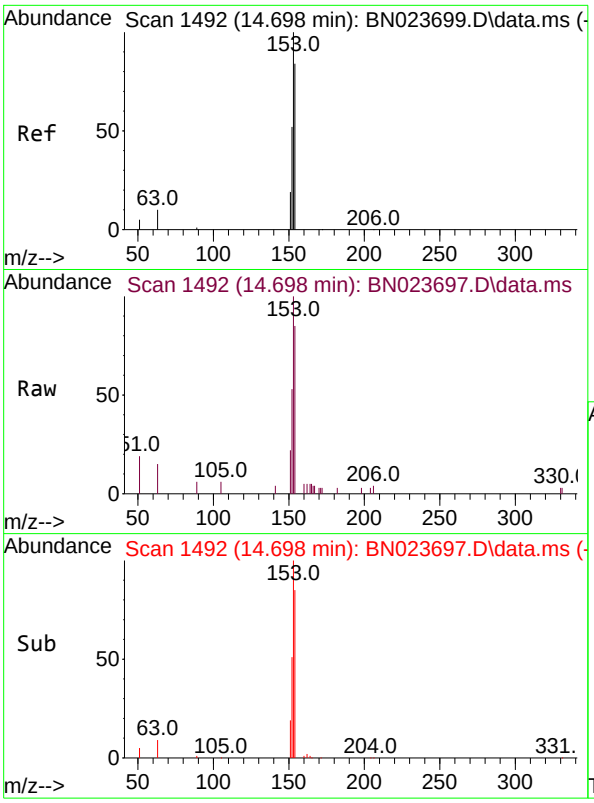


#16
Acenaphthylene
Concen: 0.087 ng
RT: 14.356 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BN023697.D
Acq: 18 Jan 2023 11:22

Tgt Ion:152 Resp: 2366

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	12.6	10.4	15.6



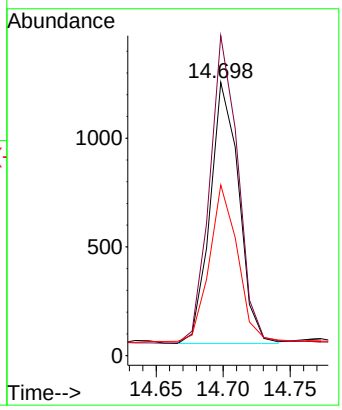


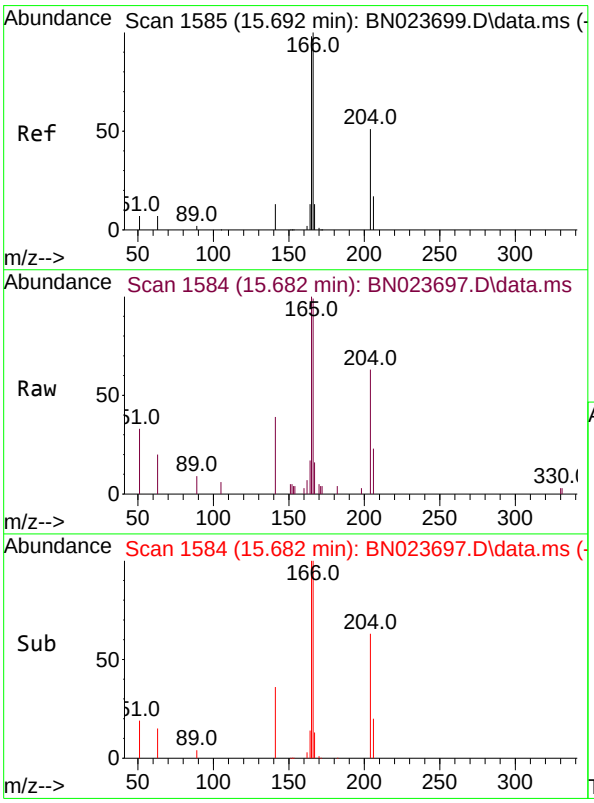
#17
Acenaphthene
Concen: 0.095 ng
RT: 14.698 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN023697.D
Acq: 18 Jan 2023 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:154 Resp: 1794

Ion	Ratio	Lower	Upper
154	100		
153	117.7	93.3	139.9
152	61.2	48.1	72.1

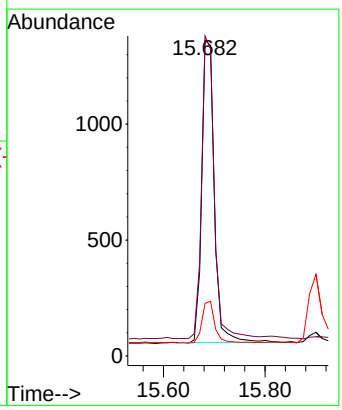


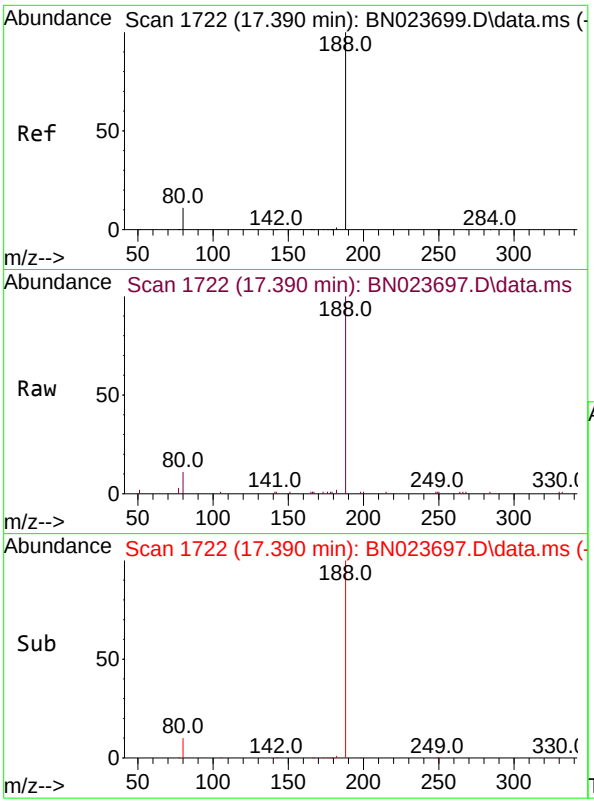


#18
Fluorene
Concen: 0.090 ng
RT: 15.682 min Scan# 1584
Delta R.T. -0.011 min
Lab File: BN023697.D
Acq: 18 Jan 2023 11:22

Tgt Ion:166 Resp: 2422

Ion	Ratio	Lower	Upper
166	100		
165	98.3	80.6	121.0
167	14.0	10.8	16.2



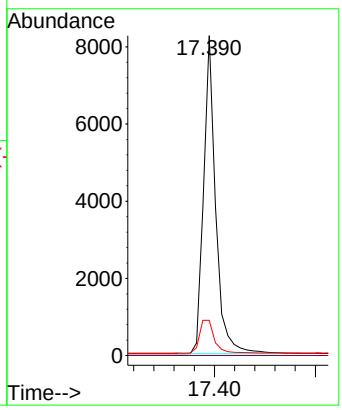


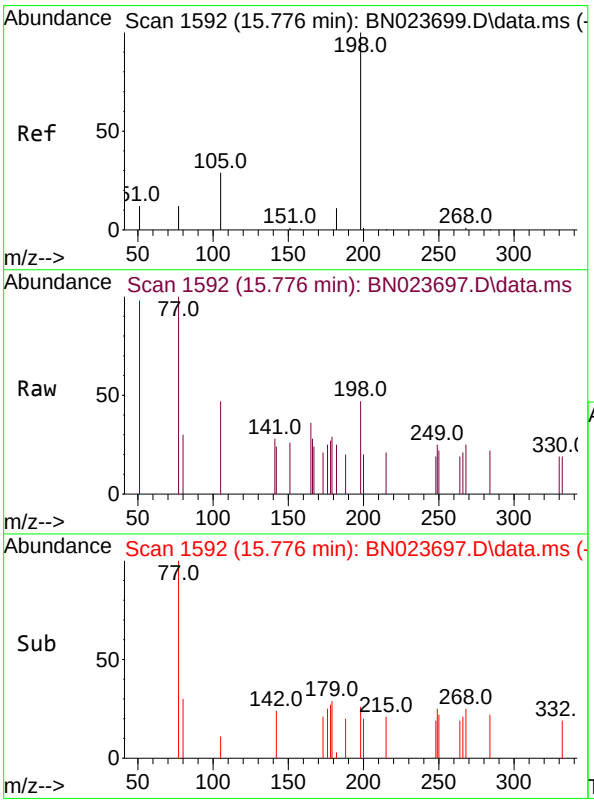
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.390 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN023697.D
Acq: 18 Jan 2023 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:188 Resp: 13645

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.0	9.5	14.3

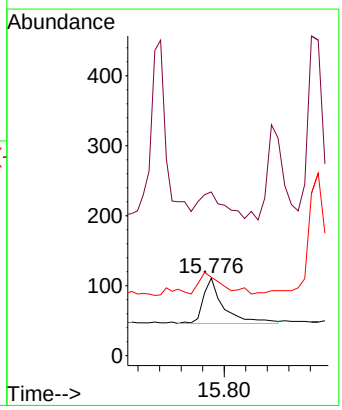


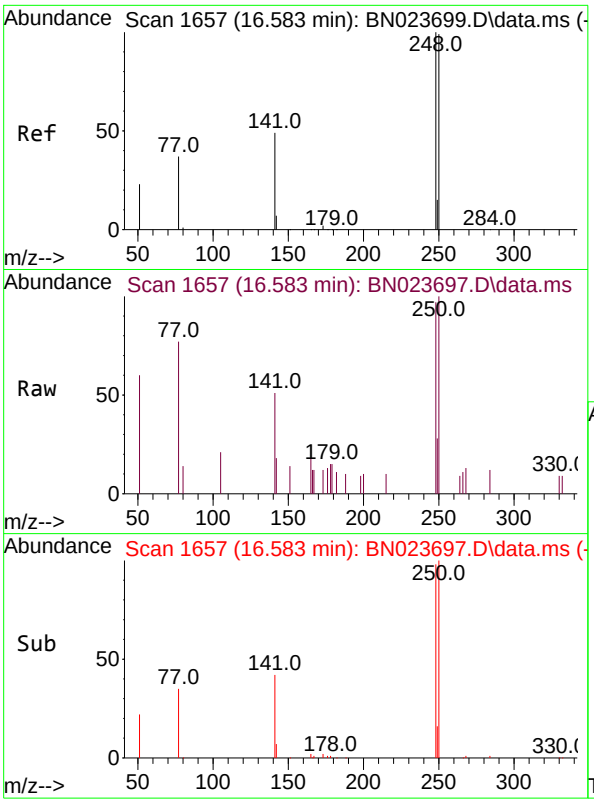


#20
4,6-Dinitro-2-methylphenol
Concen: 0.300 ng
RT: 15.776 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BN023697.D
Acq: 18 Jan 2023 11:22

Tgt Ion:198 Resp: 171

Ion	Ratio	Lower	Upper
198	100		
51	210.8	54.3	81.5#
105	100.9	38.6	58.0#



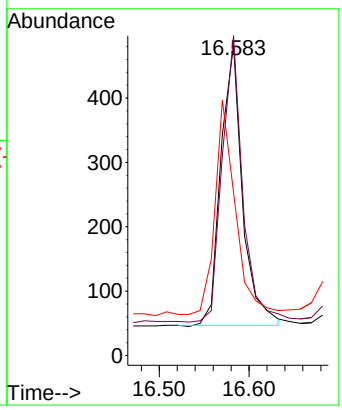


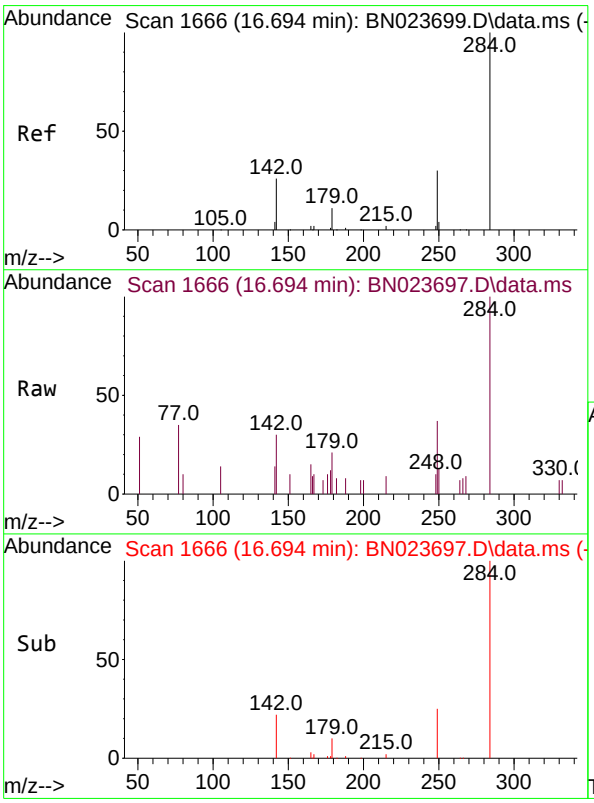
#21
4-Bromophenyl-phenylether
Concen: 0.093 ng
RT: 16.583 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN023697.D
Acq: 18 Jan 2023 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:248 Resp: 728

Ion	Ratio	Lower	Upper
248	100		
250	103.1	79.4	119.0
141	52.5	40.2	60.4

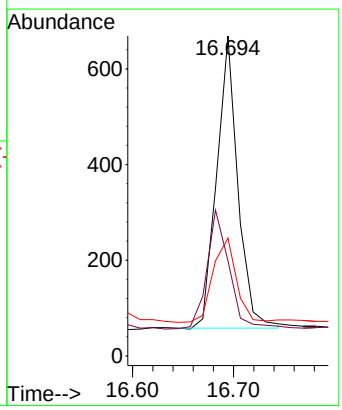


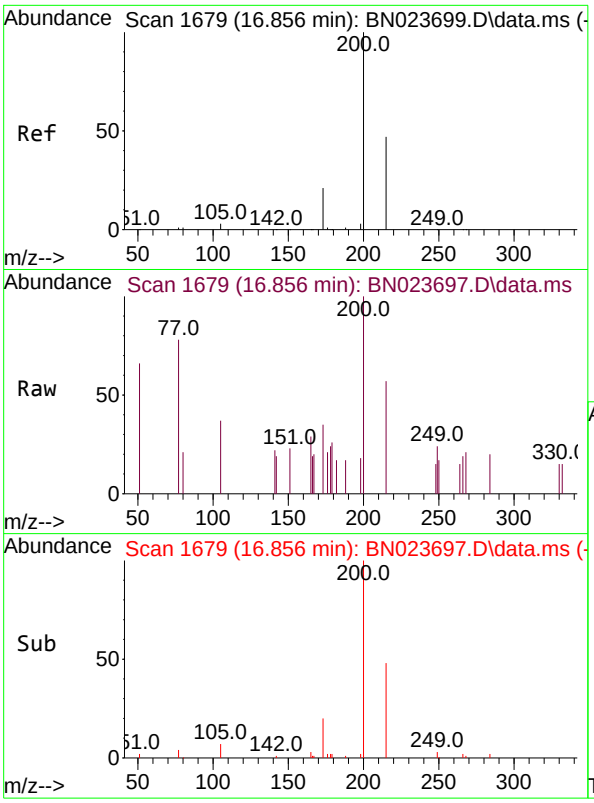


#22
Hexachlorobenzene
Concen: 0.093 ng
RT: 16.694 min Scan# 1666
Delta R.T. -0.000 min
Lab File: BN023697.D
Acq: 18 Jan 2023 11:22

Tgt Ion:284 Resp: 889

Ion	Ratio	Lower	Upper
284	100		
142	43.1	32.3	48.5
249	31.9	25.0	37.4



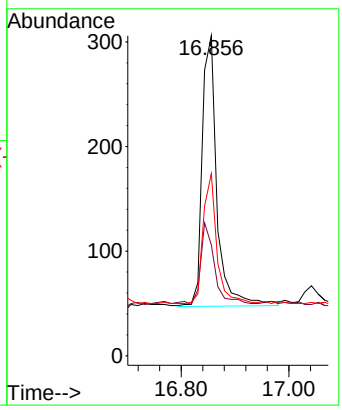


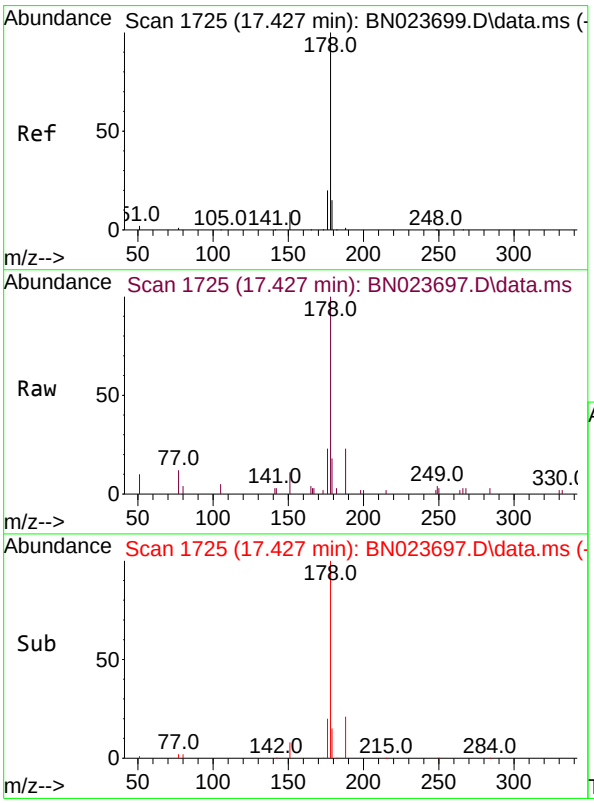
#23
Atrazine
Concen: 0.088 ng
RT: 16.856 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023697.D
Acq: 18 Jan 2023 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:200 Resp: 493

Ion	Ratio	Lower	Upper
200	100		
173	34.6	19.0	28.4#
215	56.9	39.2	58.8

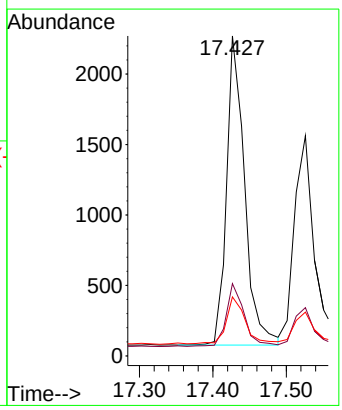


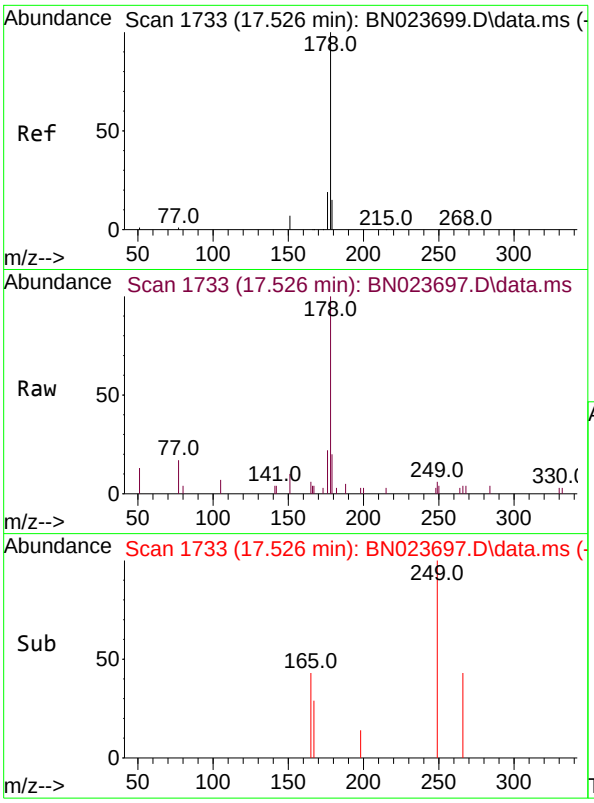


#25
Phenanthrene
Concen: 0.095 ng
RT: 17.427 min Scan# 1725
Delta R.T. -0.000 min
Lab File: BN023697.D
Acq: 18 Jan 2023 11:22

Tgt Ion:178 Resp: 3759

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.5	23.3
179	16.9	12.2	18.4



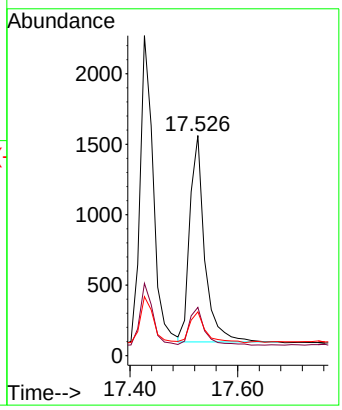


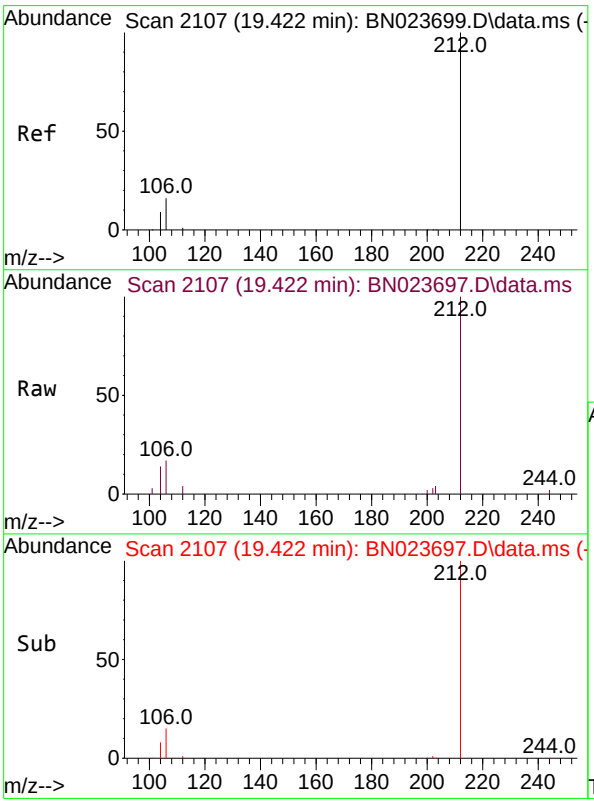
#26
Anthracene
Concen: 0.087 ng
RT: 17.526 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023697.D
Acq: 18 Jan 2023 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 2808

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.2	22.8
179	15.6	12.0	18.0

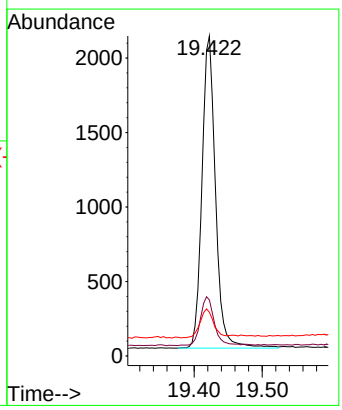


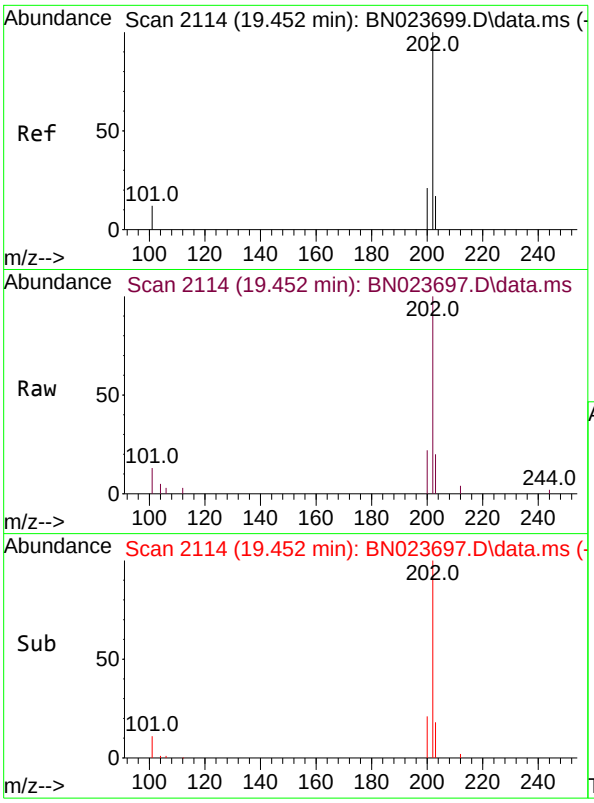


#27
Fluoranthene-d10
Concen: 0.091 ng
RT: 19.422 min Scan# 2107
Delta R.T. -0.000 min
Lab File: BN023697.D
Acq: 18 Jan 2023 11:22

Tgt Ion:212 Resp: 2902

Ion	Ratio	Lower	Upper
212	100		
106	15.9	12.4	18.6
104	9.4	7.1	10.7



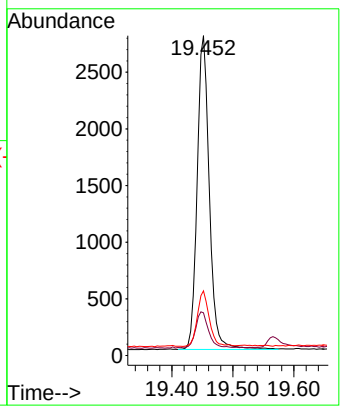


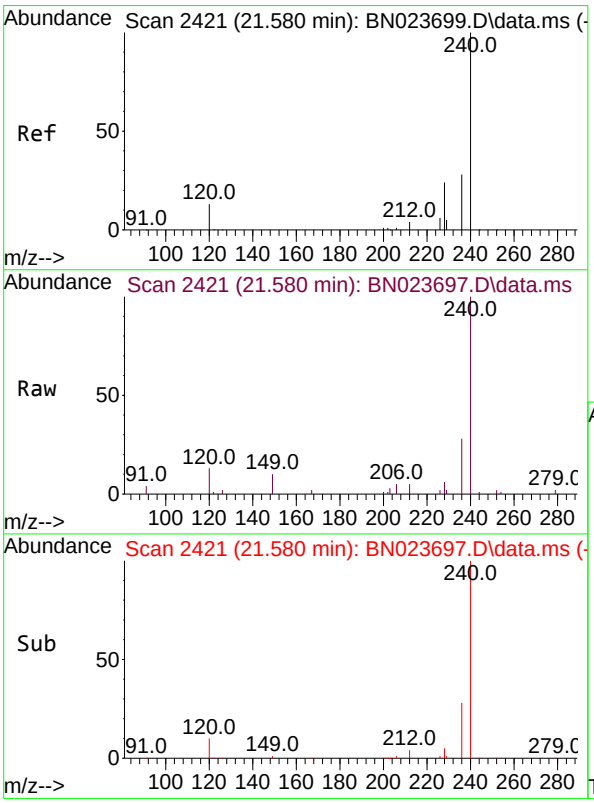
#28
Fluoranthene
Concen: 0.088 ng
RT: 19.452 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN023697.D
Acq: 18 Jan 2023 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:202 Resp: 3816

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.7	14.5
203	17.3	13.6	20.4

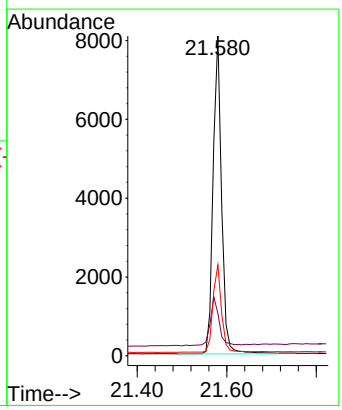


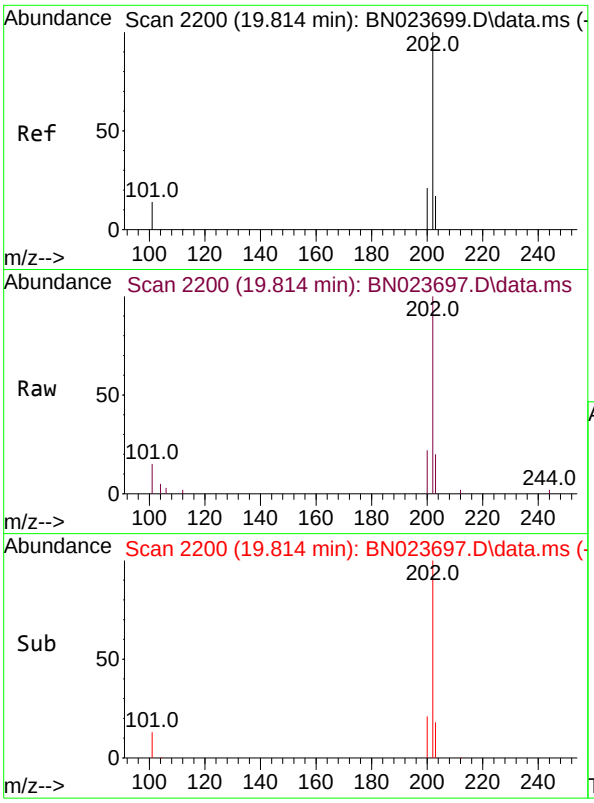


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.580 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BN023697.D
Acq: 18 Jan 2023 11:22

Tgt Ion:240 Resp: 10568

Ion	Ratio	Lower	Upper
240	100		
120	13.3	12.0	18.0
236	28.4	22.8	34.2



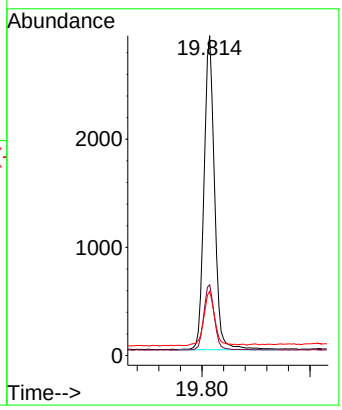


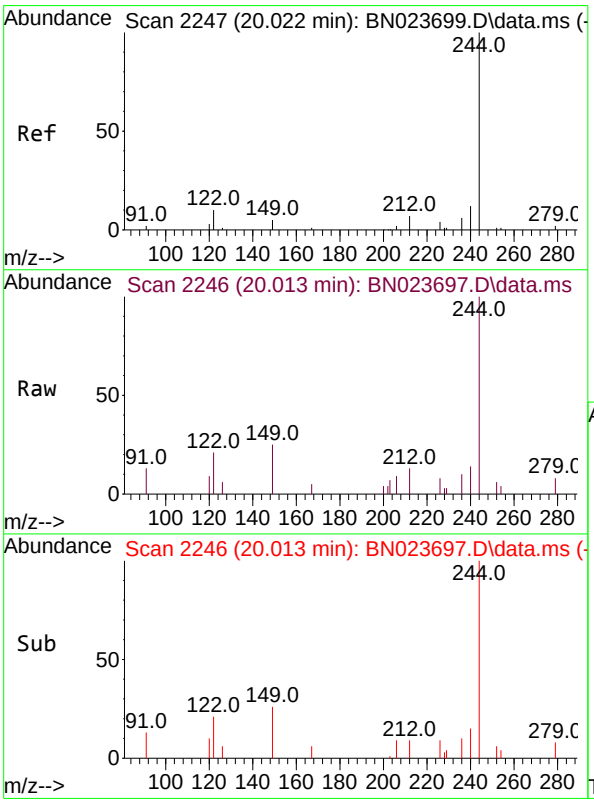
#30
Pyrene
Concen: 0.100 ng
RT: 19.814 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN023697.D
Acq: 18 Jan 2023 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:202 Resp: 3918

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.9	25.3
203	18.0	14.4	21.6

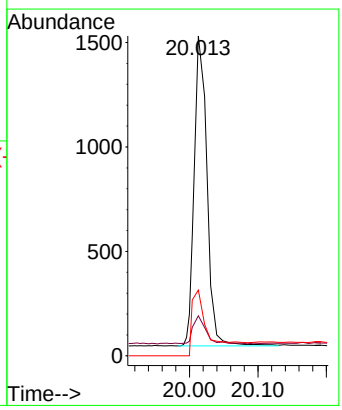


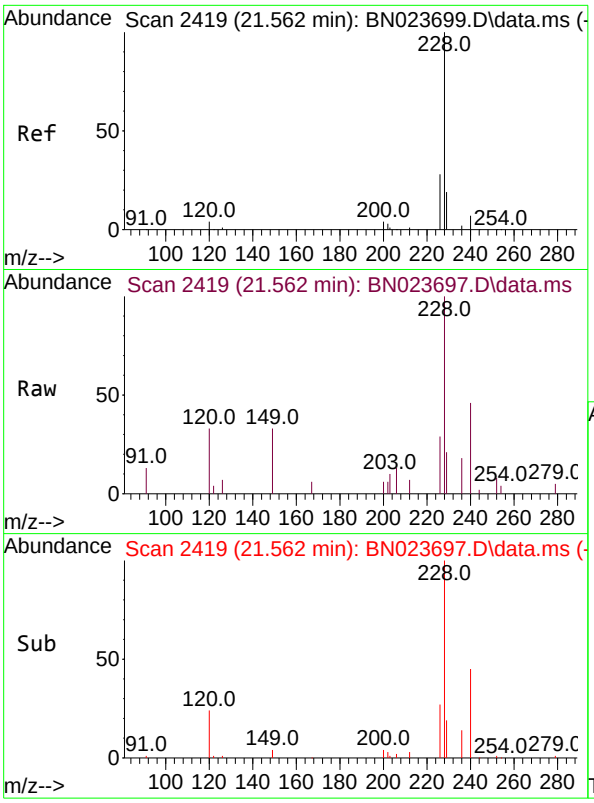


#31
Terphenyl-d14
Concen: 0.106 ng
RT: 20.013 min Scan# 2246
Delta R.T. -0.009 min
Lab File: BN023697.D
Acq: 18 Jan 2023 11:22

Tgt Ion:244 Resp: 1773

Ion	Ratio	Lower	Upper
244	100		
212	12.5	6.5	9.7#
122	20.6	7.6	11.4#



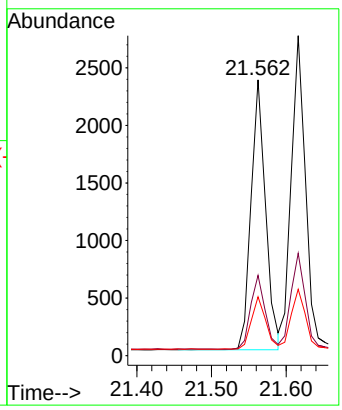


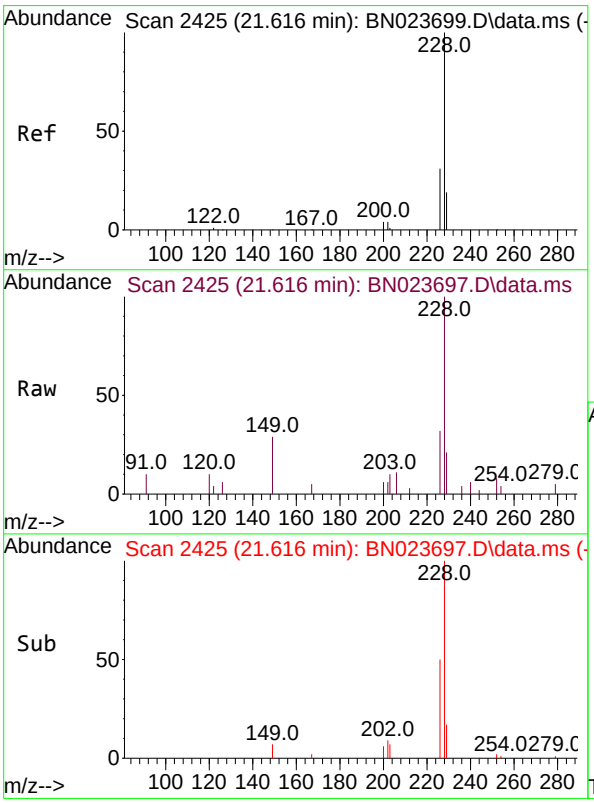
#32
Benzo(a)anthracene
Concen: 0.094 ng
RT: 21.562 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN023697.D
Acq: 18 Jan 2023 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 3164

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.4	33.6
229	21.3	15.5	23.3

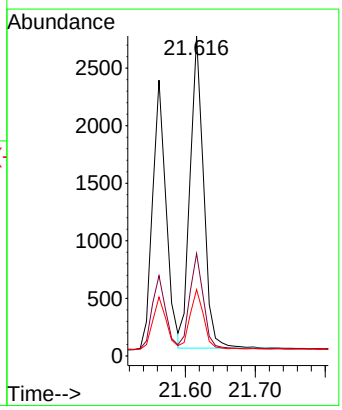


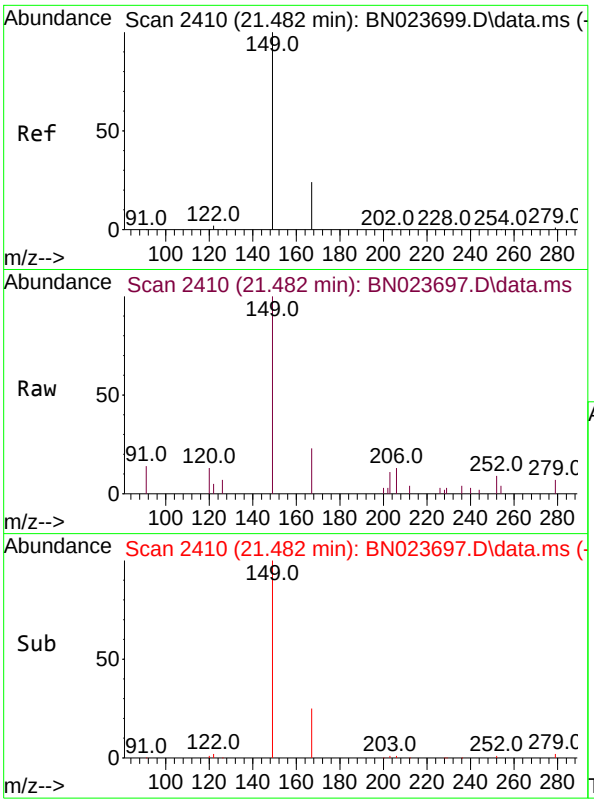


#33
Chrysene
Concen: 0.096 ng
RT: 21.616 min Scan# 2425
Delta R.T. -0.000 min
Lab File: BN023697.D
Acq: 18 Jan 2023 11:22

Tgt Ion:228 Resp: 3624

Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.6	36.8
229	20.7	15.4	23.0



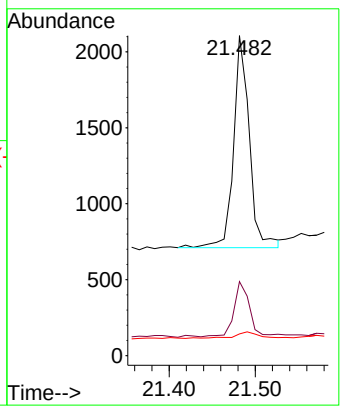


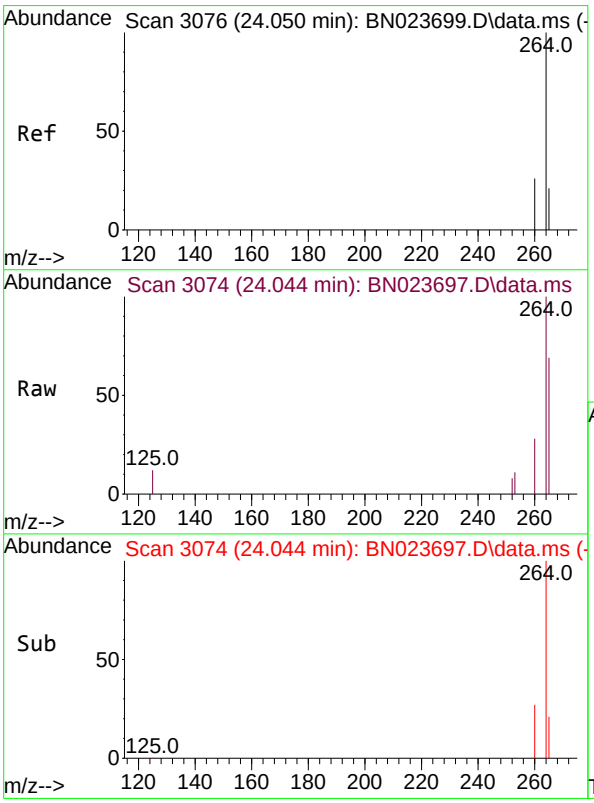
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.118 ng
RT: 21.482 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN023697.D
Acq: 18 Jan 2023 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:149 Resp: 1773

Ion	Ratio	Lower	Upper
149	100		
167	25.4	19.8	29.8
279	5.0	2.5	3.7#

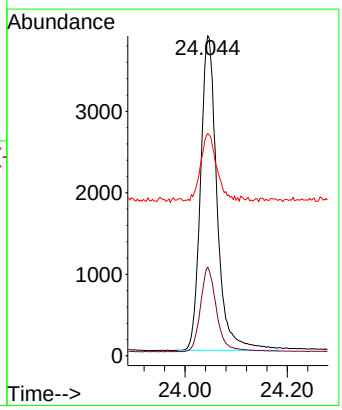


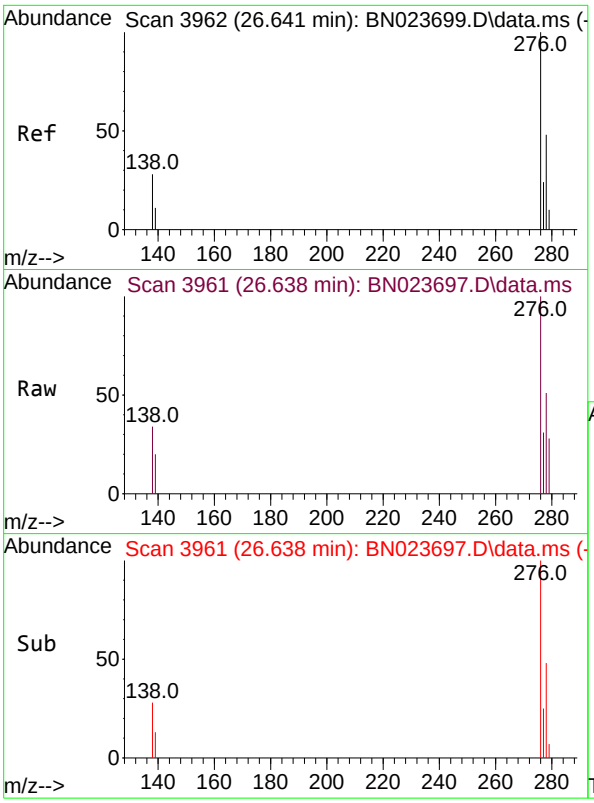


#35
Perylene-d12
Concen: 0.400 ng
RT: 24.044 min Scan# 3074
Delta R.T. -0.006 min
Lab File: BN023697.D
Acq: 18 Jan 2023 11:22

Tgt Ion:264 Resp: 8647

Ion	Ratio	Lower	Upper
264	100		
260	27.7	21.0	31.6
265	69.5	49.9	74.9



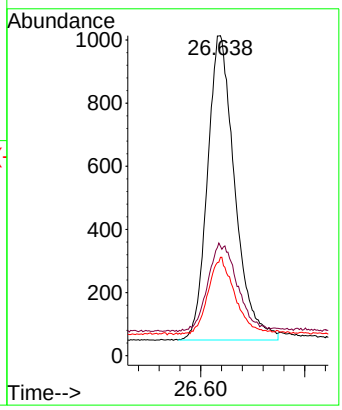


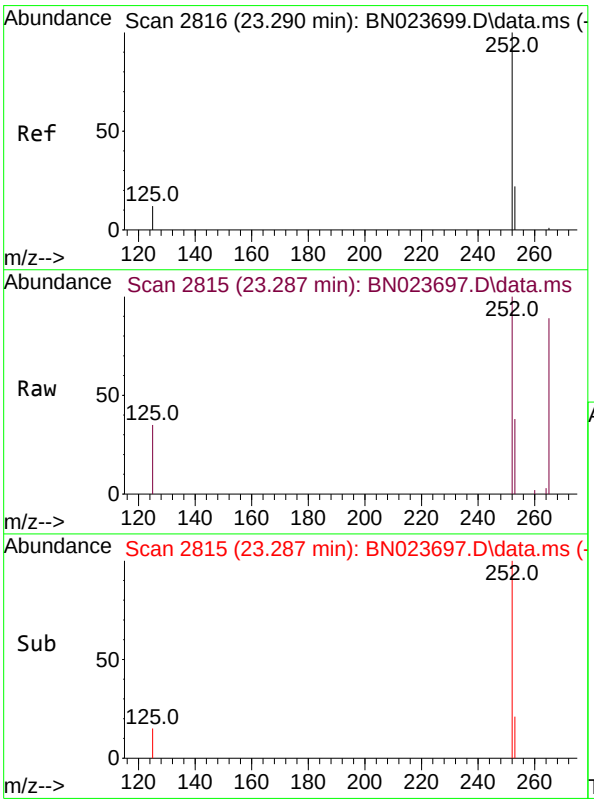
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.091 ng
RT: 26.638 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN023697.D
Acq: 18 Jan 2023 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 3516

Ion	Ratio	Lower	Upper
276	100		
138	15.4	24.0	36.0#
277	24.9	19.8	29.8

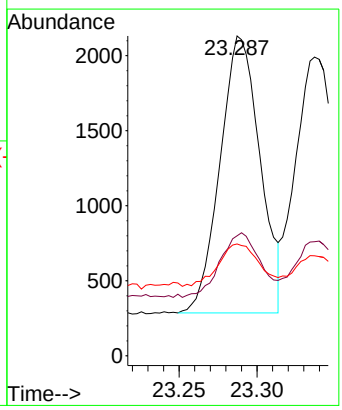


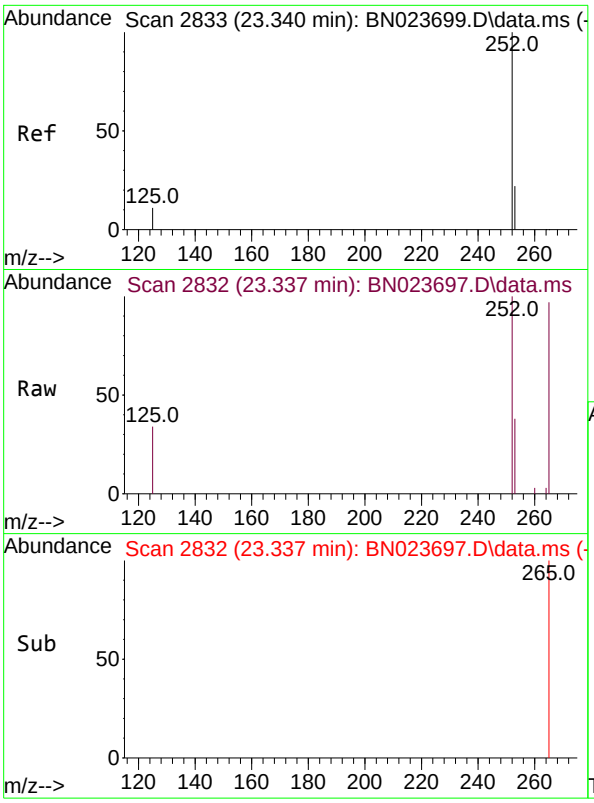


#37
Benzo(b)fluoranthene
Concen: 0.092 ng
RT: 23.287 min Scan# 2815
Delta R.T. -0.003 min
Lab File: BN023697.D
Acq: 18 Jan 2023 11:22

Tgt Ion:252 Resp: 3302

Ion	Ratio	Lower	Upper
252	100		
253	37.5	19.9	29.9#
125	35.0	13.2	19.8#



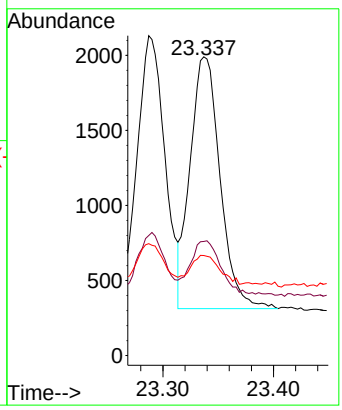


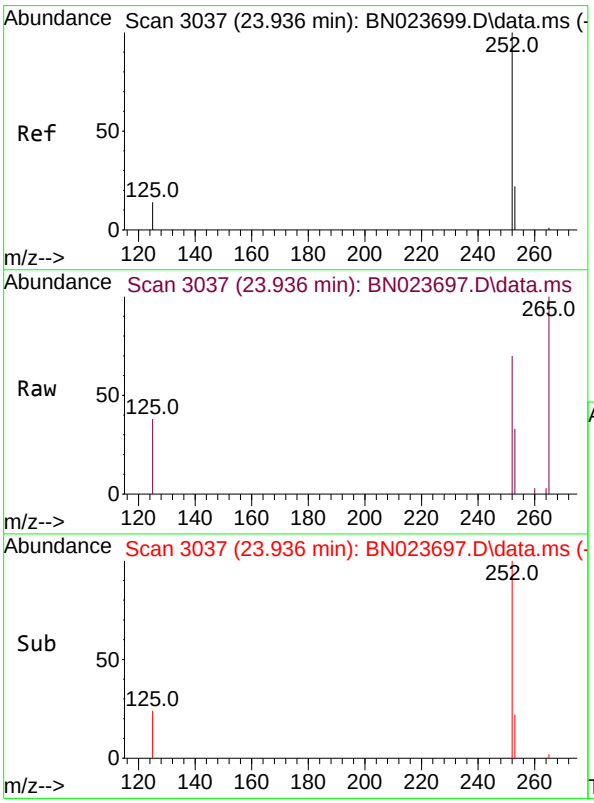
#38
Benzo(k)fluoranthene
Concen: 0.088 ng
RT: 23.337 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN023697.D
Acq: 18 Jan 2023 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 3169

Ion	Ratio	Lower	Upper
252	100		
253	38.2	20.2	30.2#
125	33.5	12.8	19.2#

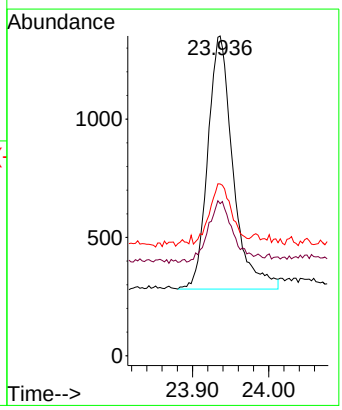


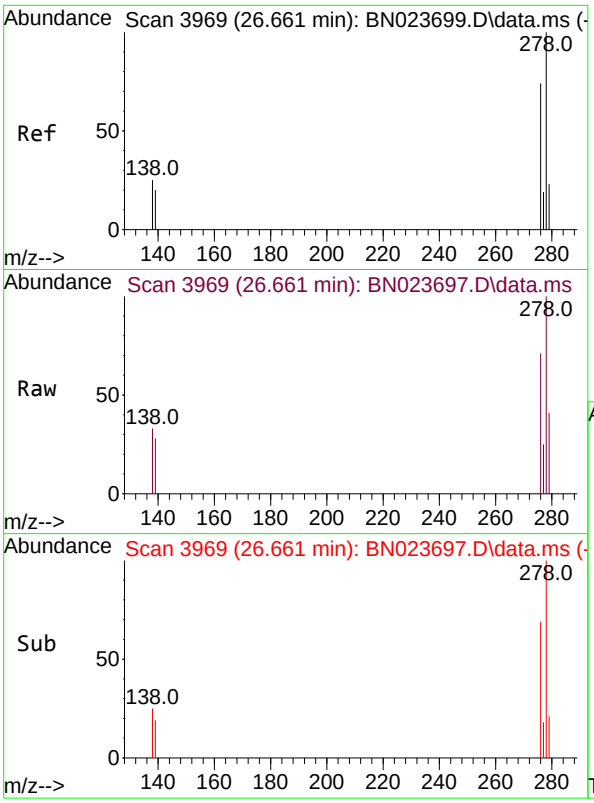


#39
Benzo(a)pyrene
Concen: 0.093 ng
RT: 23.936 min Scan# 3037
Delta R.T. 0.000 min
Lab File: BN023697.D
Acq: 18 Jan 2023 11:22

Tgt Ion:252 Resp: 2462

Ion	Ratio	Lower	Upper
252	100		
253	47.6	22.4	33.6#
125	53.7	17.7	26.5#



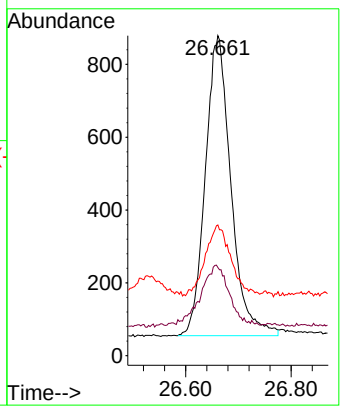


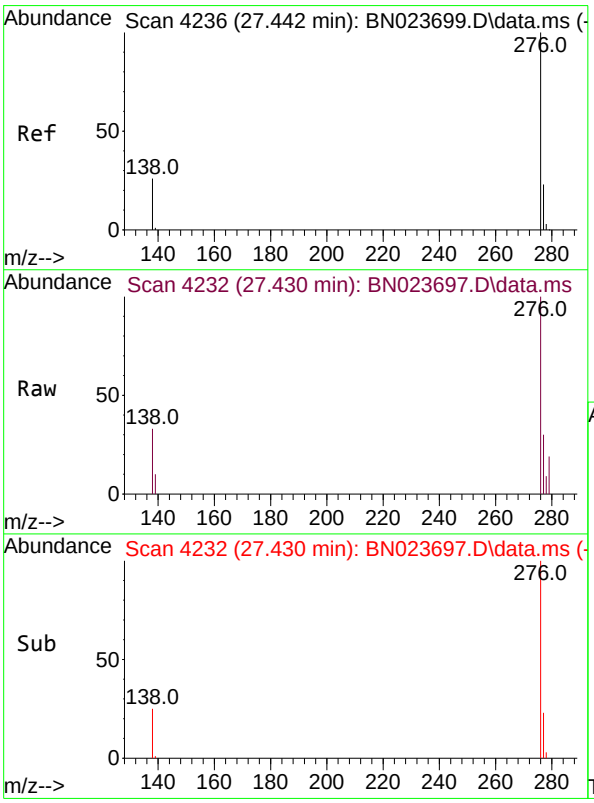
#40
Dibenzo(a,h)anthracene
Concen: 0.089 ng
RT: 26.661 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN023697.D
Acq: 18 Jan 2023 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:278 Resp: 2773

Ion	Ratio	Lower	Upper
278	100		
139	27.5	17.2	25.8#
279	40.8	21.4	32.2#





#41
Benzo(g,h,i)perylene
Concen: 0.092 ng
RT: 27.430 min Scan# 4232
Delta R.T. -0.012 min
Lab File: BN023697.D
Acq: 18 Jan 2023 11:22

Tgt Ion:276 Resp: 3017

Ion	Ratio	Lower	Upper
276	100		
277	29.6	19.4	29.0#
138	33.1	21.8	32.8#