Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041124\
Data File : BN030846.D
Acq On : 11 Apr 2024 17:40
Operator : MA/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Apr 12 00:28:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 12 00:25:32 2024
Response via : Initial Calibration

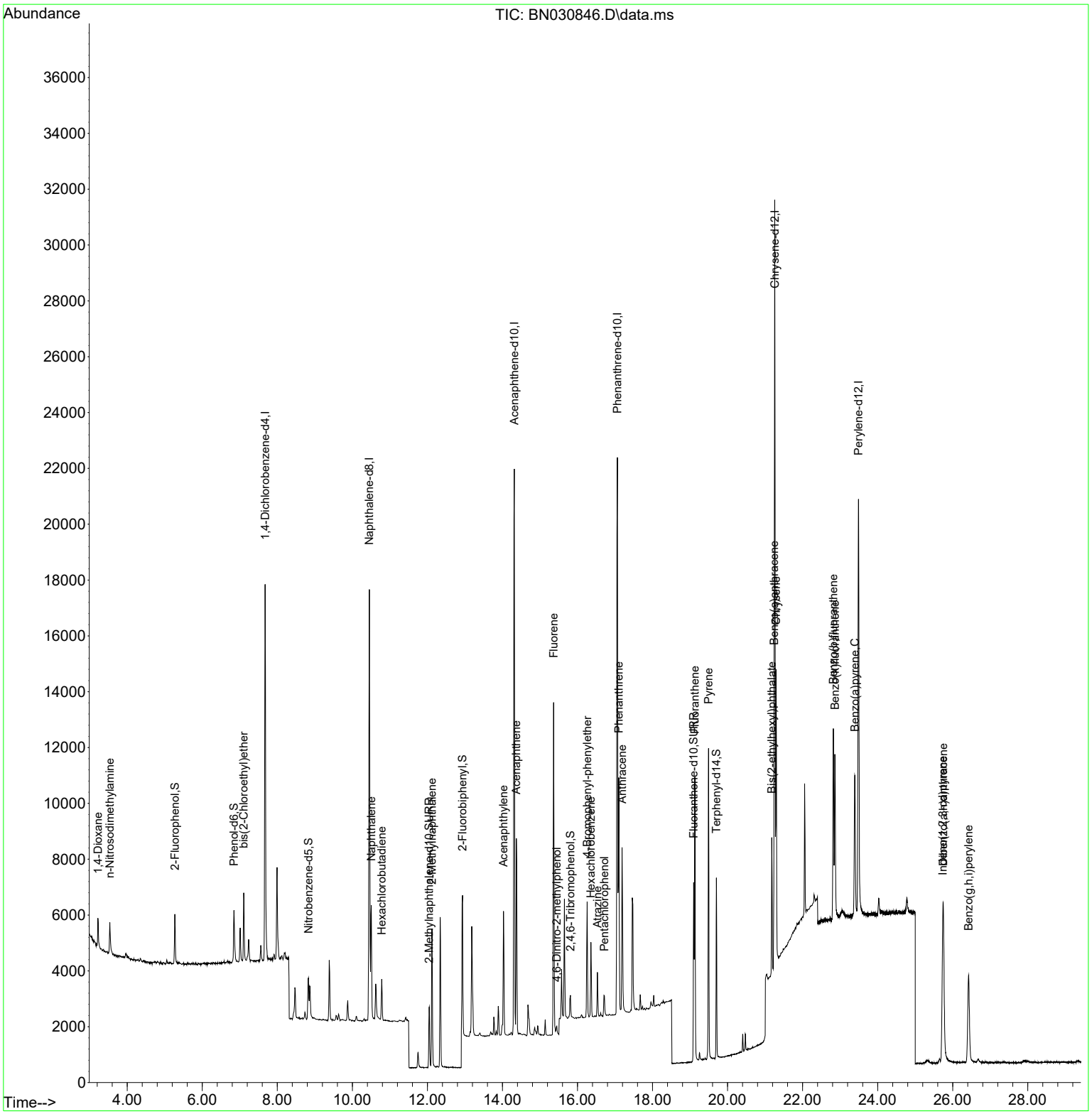
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.675	152	6721	0.400	ng		0.00
7) Naphthalene-d8	10.453	136	20408	0.400	ng		0.00
13) Acenaphthene-d10	14.316	164	12386	0.400	ng		0.00
19) Phenanthrene-d10	17.065	188	29176	0.400	ng		0.00
29) Chrysene-d12	21.258	240	22162	0.400	ng		0.00
35) Perylene-d12	23.489	264	20071	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.270	112	1563	0.107	ng		0.00
5) Phenol-d6	6.844	99	1884	0.100	ng		0.00
8) Nitrobenzene-d5	8.830	82	1343	0.094	ng		0.01
11) 2-Methylnaphthalene-d10	12.047	152	3088	0.099	ng		0.00
14) 2,4,6-Tribromophenol	15.811	330	476	0.102	ng		0.00
15) 2-Fluorobiphenyl	12.937	172	4456	0.093	ng		0.00
27) Fluoranthene-d10	19.098	212	7146	0.091	ng		0.00
31) Terphenyl-d14	19.702	244	6138	0.120	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.219	88	855	0.105	ng		95
3) n-Nitrosodimethylamine	3.537	42	748	0.095	ng	#	94
6) bis(2-Chloroethyl)ether	7.104	93	1806	0.097	ng		98
9) Naphthalene	10.506	128	5565	0.098	ng		97
10) Hexachlorobutadiene	10.784	225	1135	0.098	ng	#	99
12) 2-Methylnaphthalene	12.122	142	3683	0.099	ng		97
16) Acenaphthylene	14.028	152	5034	0.090	ng		99
17) Acenaphthene	14.370	154	3629	0.093	ng		98
18) Fluorene	15.364	166	4832	0.096	ng		100
20) 4,6-Dinitro-2-methylph...	15.449	198	211	0.064	ng	#	1
21) 4-Bromophenyl-phenylether	16.258	248	1690	0.096	ng		98
22) Hexachlorobenzene	16.358	284	2006	0.095	ng		99
23) Atrazine	16.531	200	1145	0.089	ng		97
24) Pentachlorophenol	16.718	266	420	0.066	ng		90
25) Phenanthrene	17.102	178	8336	0.096	ng		99
26) Anthracene	17.189	178	6440	0.089	ng		100
28) Fluoranthene	19.131	202	9456	0.092	ng		99
30) Pyrene	19.493	202	9875	0.114	ng		100
32) Benzo(a)anthracene	21.240	228	7884	0.100	ng		97
33) Chrysene	21.294	228	8510	0.101	ng		99
34) Bis(2-ethylhexyl)phtha...	21.178	149	4542	0.133	ng		98
36) Indeno(1,2,3-cd)pyrene	25.735	276	7574	0.085	ng		100
37) Benzo(b)fluoranthene	22.820	252	8152	0.100	ng	#	78
38) Benzo(k)fluoranthene	22.861	252	7695	0.094	ng	#	78
39) Benzo(a)pyrene	23.393	252	6830	0.104	ng	#	70
40) Dibenzo(a,h)anthracene	25.752	278	5995	0.085	ng	#	88
41) Benzo(g,h,i)perylene	26.425	276	6714	0.089	ng		93

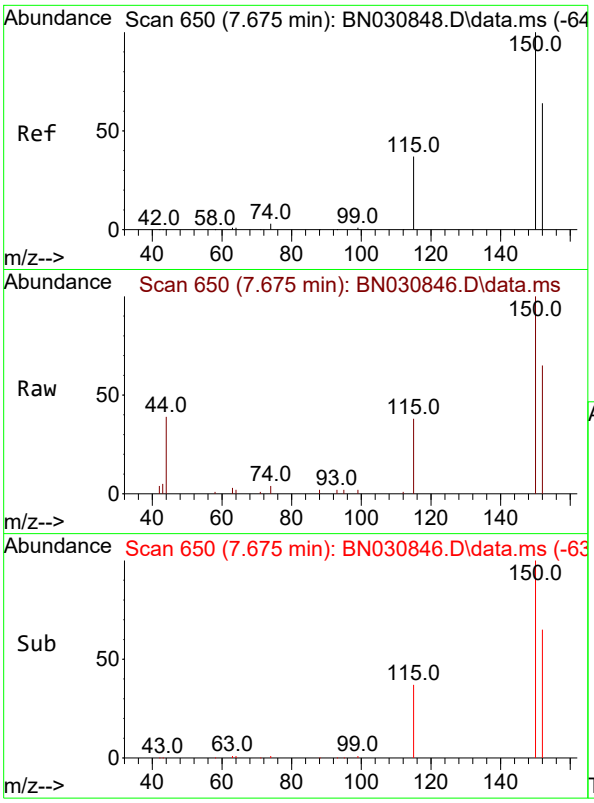
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041124\
Data File : BN030846.D
Acq On : 11 Apr 2024 17:40
Operator : MA/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Apr 12 00:28:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 12 00:25:32 2024
Response via : Initial Calibration



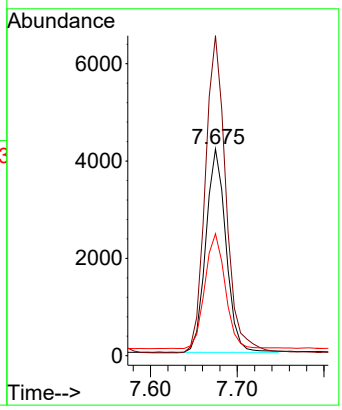


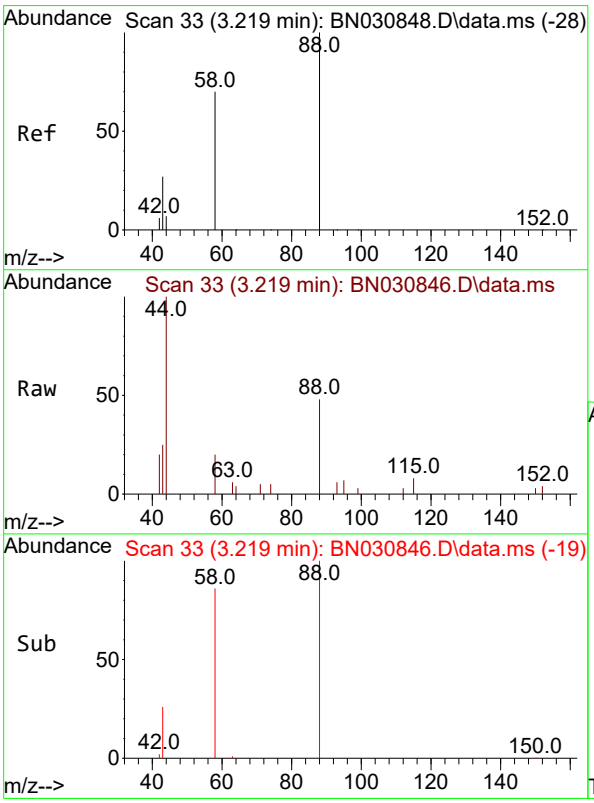
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.675 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN030846.D
Acq: 11 Apr 2024 17:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 6721

Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.8	187.2
115	59.0	48.1	72.1

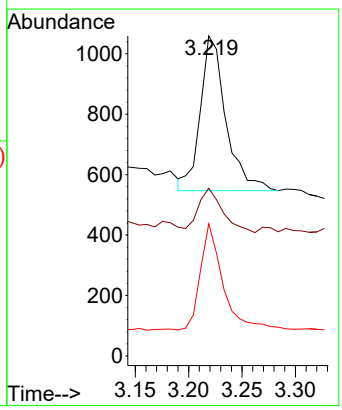


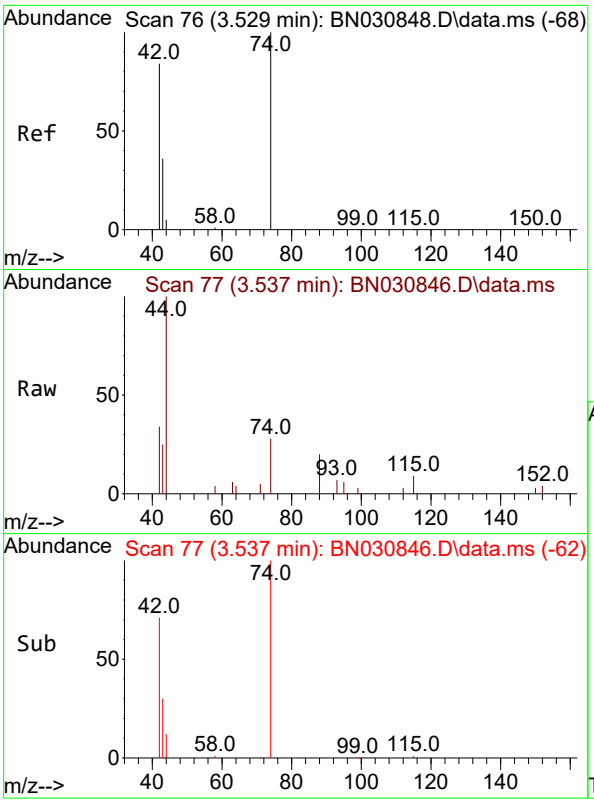


#2
1,4-Dioxane
Concen: 0.105 ng
RT: 3.219 min Scan# 33
Delta R.T. -0.000 min
Lab File: BN030846.D
Acq: 11 Apr 2024 17:40

Tgt Ion: 88 Resp: 855

Ion	Ratio	Lower	Upper
88	100		
43	27.0	19.9	29.9
58	59.8	51.4	77.2



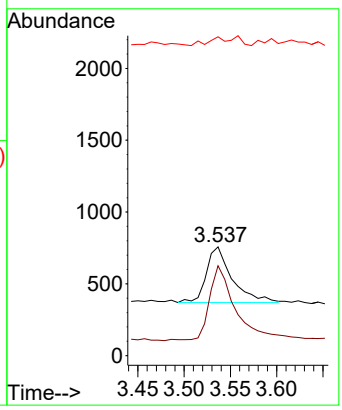


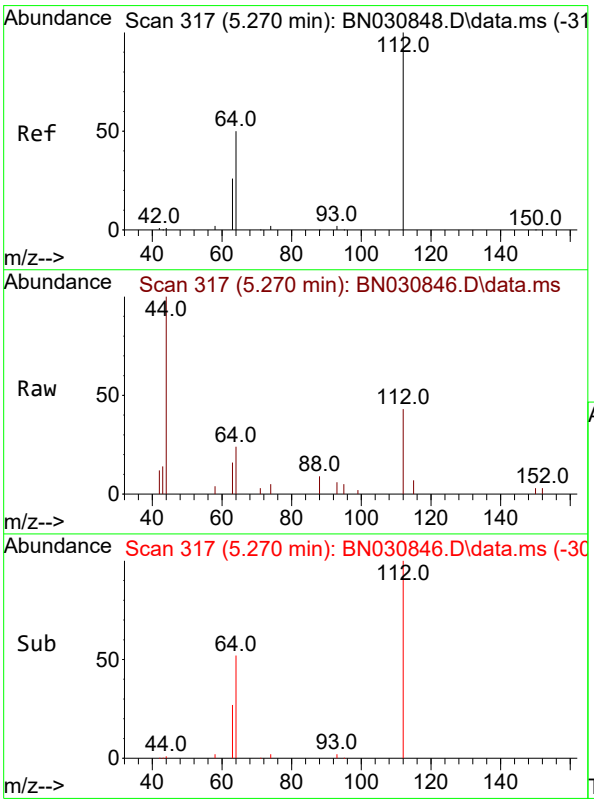
#3
n-Nitrosodimethylamine
Concen: 0.095 ng
RT: 3.537 min Scan# 7
Delta R.T. 0.007 min
Lab File: BN030846.D
Acq: 11 Apr 2024 17:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 42 Resp: 748

Ion	Ratio	Lower	Upper
42	100		
74	135.7	104.1	156.1
44	0.0	6.1	9.1#

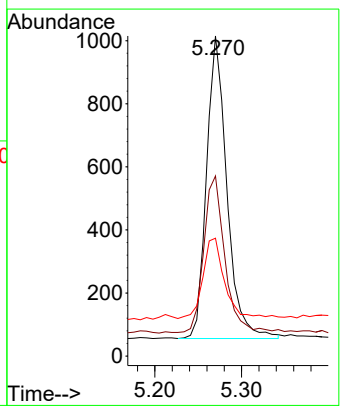


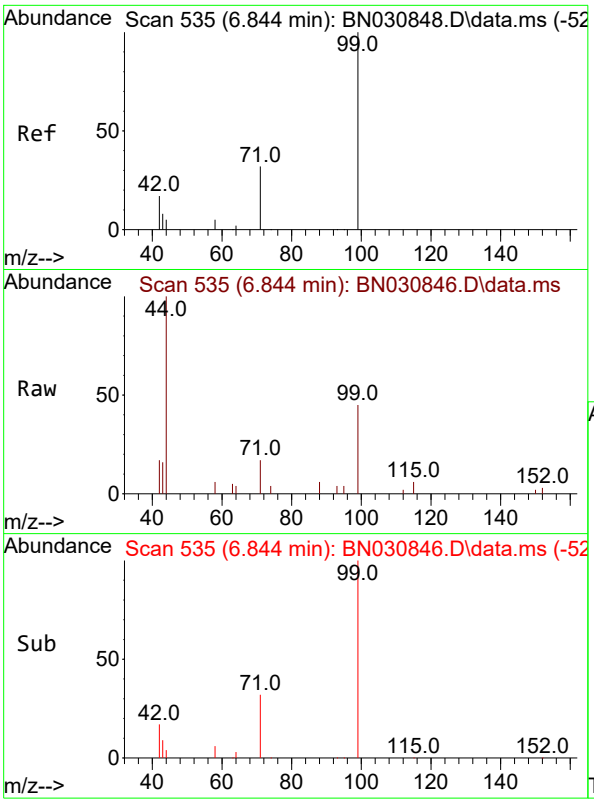


#4
2-Fluorophenol
Concen: 0.107 ng
RT: 5.270 min Scan# 317
Delta R.T. 0.000 min
Lab File: BN030846.D
Acq: 11 Apr 2024 17:40

Tgt Ion:112 Resp: 1563

Ion	Ratio	Lower	Upper
112	100		
64	54.2	42.9	64.3
63	28.9	23.1	34.7



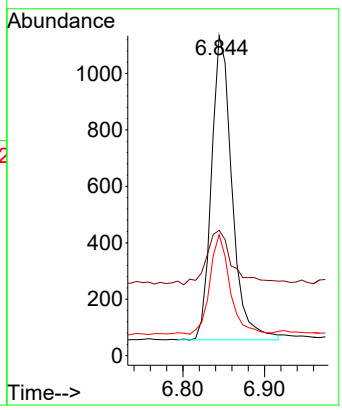


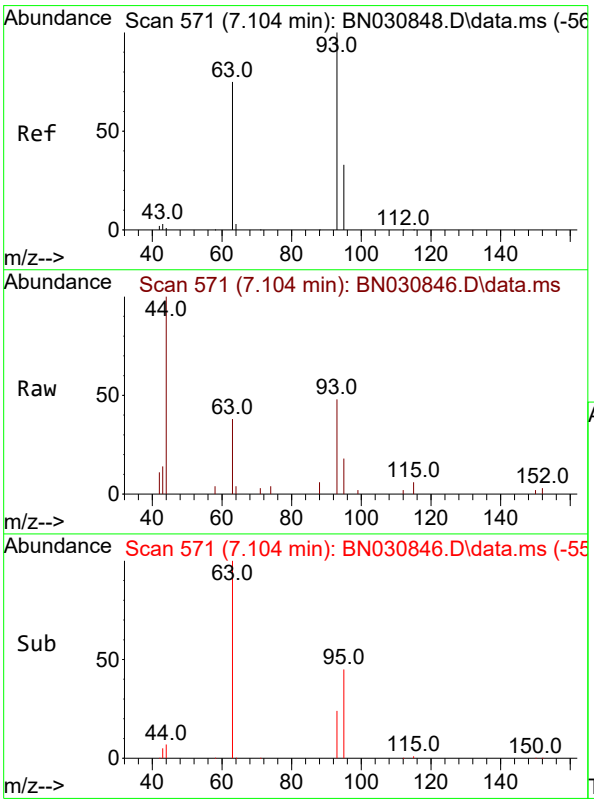
#5
Phenol-d6
Concen: 0.100 ng
RT: 6.844 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN030846.D
Acq: 11 Apr 2024 17:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 1884

Ion	Ratio	Lower	Upper
99	100		
42	20.9	15.6	23.4
71	32.6	26.2	39.4

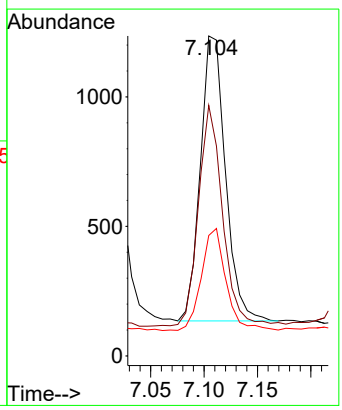


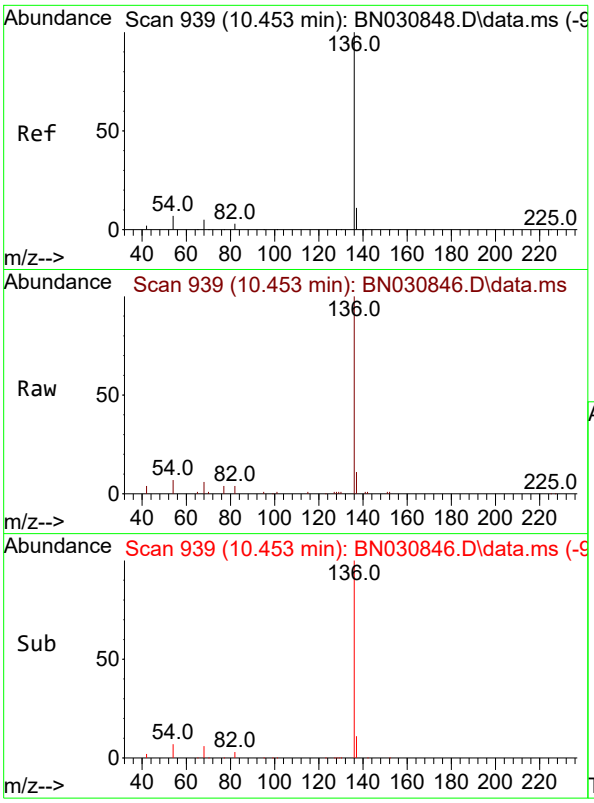


#6
bis(2-Chloroethyl)ether
Concen: 0.097 ng
RT: 7.104 min Scan# 571
Delta R.T. 0.000 min
Lab File: BN030846.D
Acq: 11 Apr 2024 17:40

Tgt Ion: 93 Resp: 1806

Ion	Ratio	Lower	Upper
93	100		
63	74.9	58.3	87.5
95	35.2	27.1	40.7



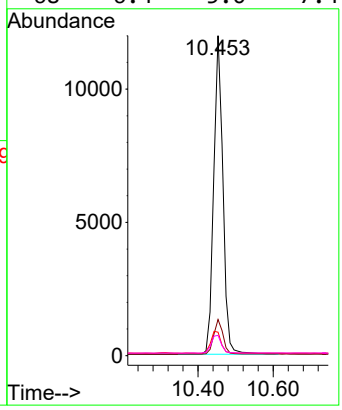


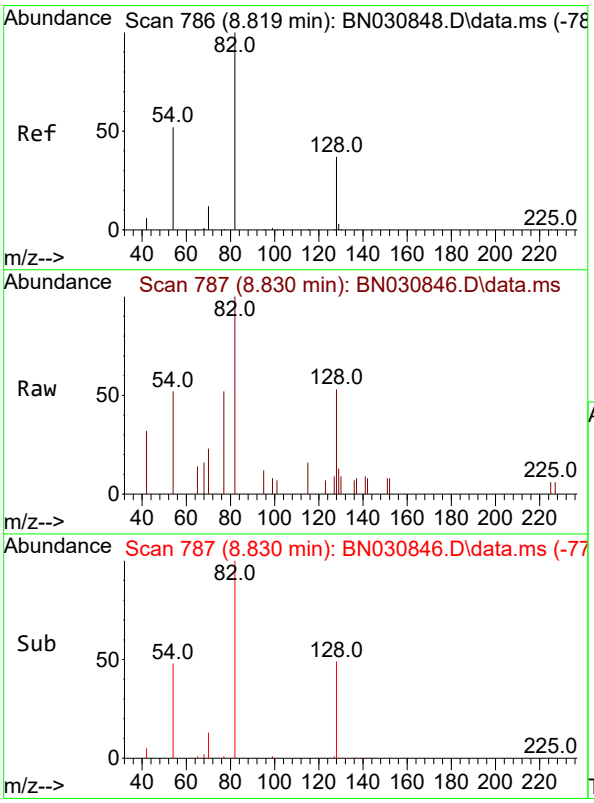
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.453 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN030846.D
Acq: 11 Apr 2024 17:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 20408

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	7.4	5.8	8.8
68	6.4	5.0	7.4

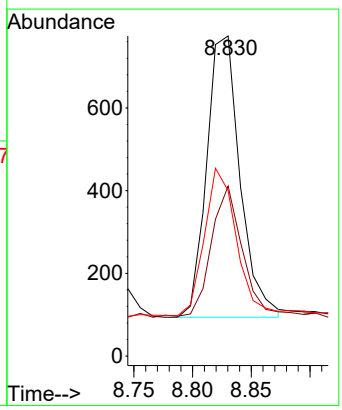


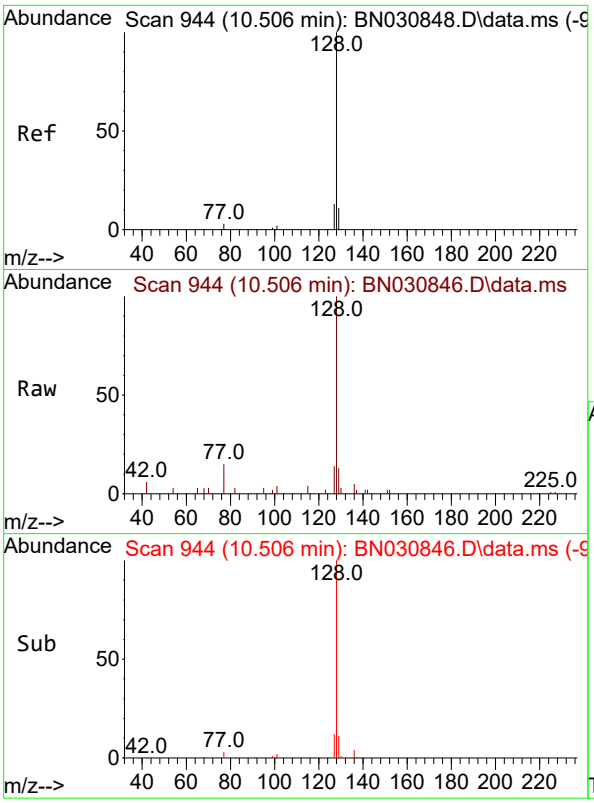


#8
Nitrobenzene-d5
Concen: 0.094 ng
RT: 8.830 min Scan# 787
Delta R.T. 0.011 min
Lab File: BN030846.D
Acq: 11 Apr 2024 17:40

Tgt Ion: 82 Resp: 1343

Ion	Ratio	Lower	Upper
82	100		
128	53.1	31.1	46.7#
54	51.7	43.4	65.0



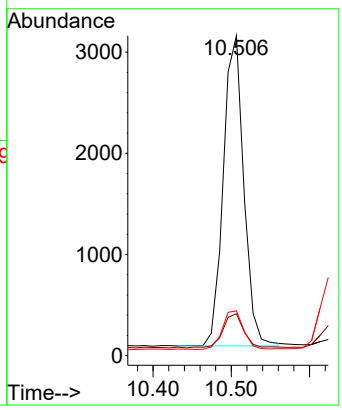


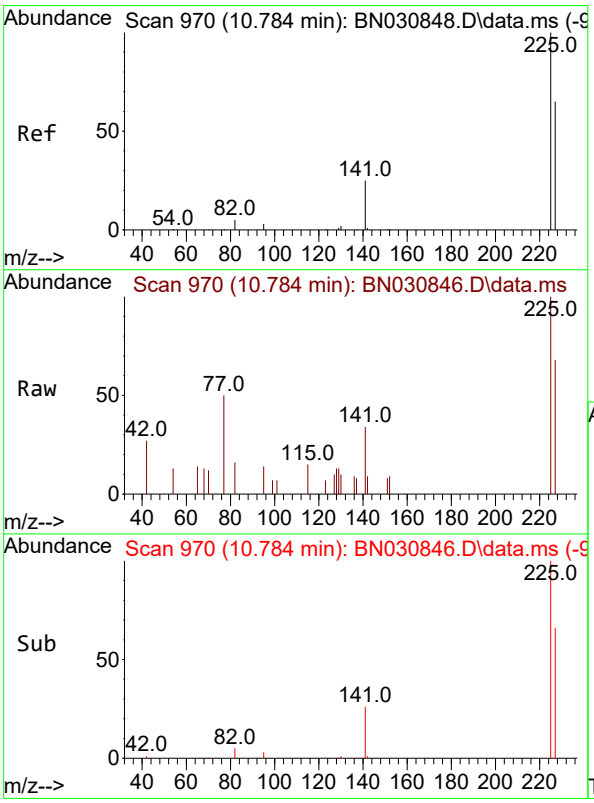
#9
Naphthalene
Concen: 0.098 ng
RT: 10.506 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN030846.D
Acq: 11 Apr 2024 17:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 5565

Ion	Ratio	Lower	Upper
128	100		
129	13.1	9.0	13.4
127	14.0	10.6	15.8

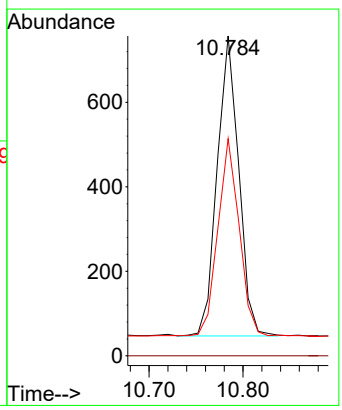


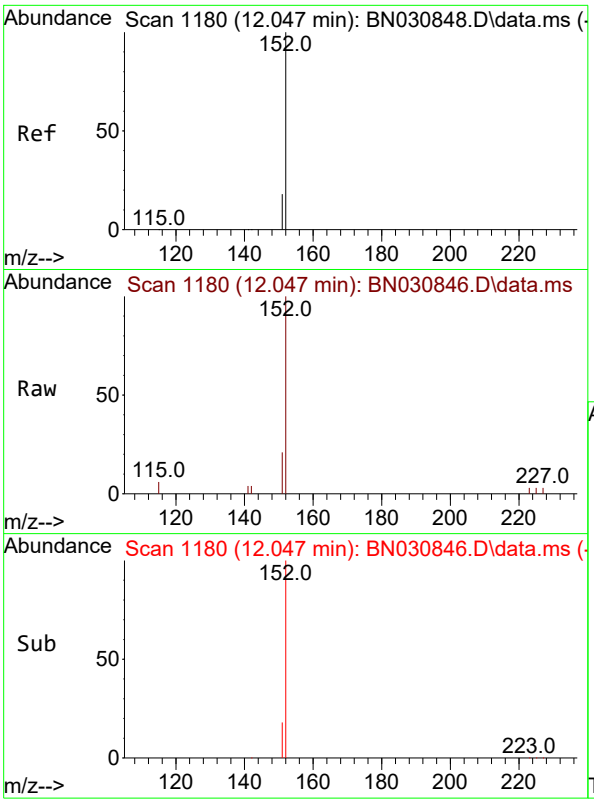


#10
Hexachlorobutadiene
Concen: 0.098 ng
RT: 10.784 min Scan# 970
Delta R.T. -0.000 min
Lab File: BN030846.D
Acq: 11 Apr 2024 17:40

Tgt Ion:225 Resp: 1135

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.3	52.0	78.0



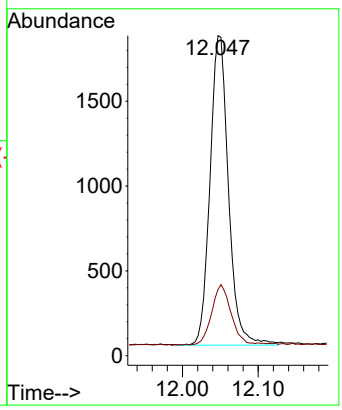


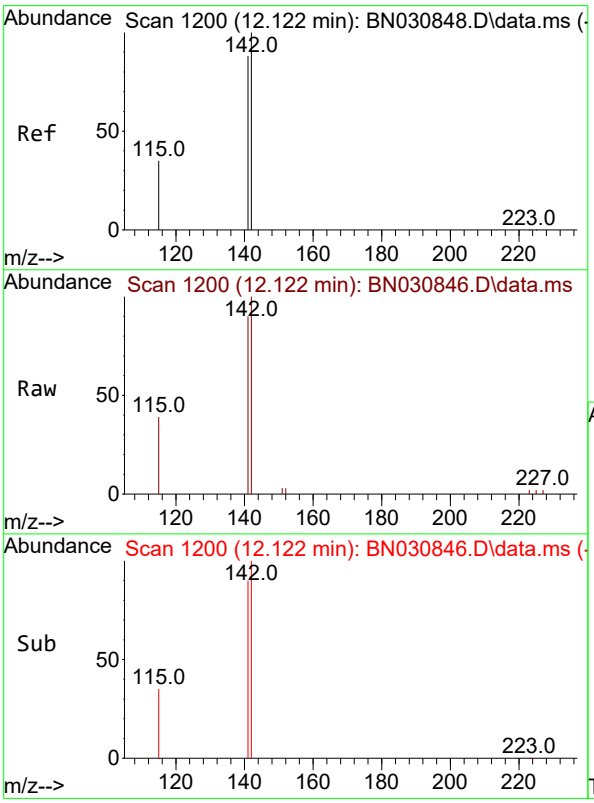
#11
2-Methylnaphthalene-d10
Concen: 0.099 ng
RT: 12.047 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN030846.D
Acq: 11 Apr 2024 17:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 3088

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.6	25.0

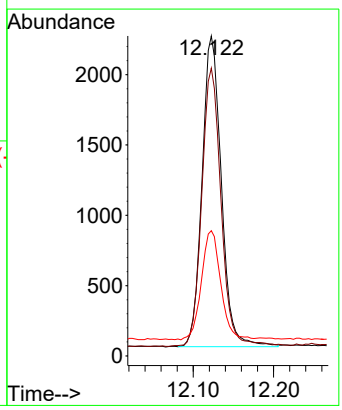


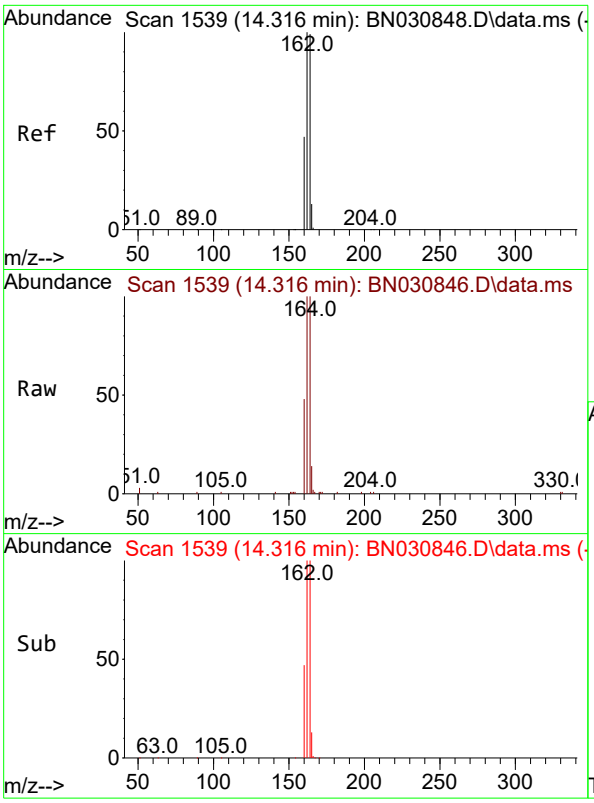


#12
2-Methylnaphthalene
Concen: 0.099 ng
RT: 12.122 min Scan# 1200
Delta R.T. 0.000 min
Lab File: BN030846.D
Acq: 11 Apr 2024 17:40

Tgt Ion:142 Resp: 3683

Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.7	106.1
115	39.2	28.4	42.6



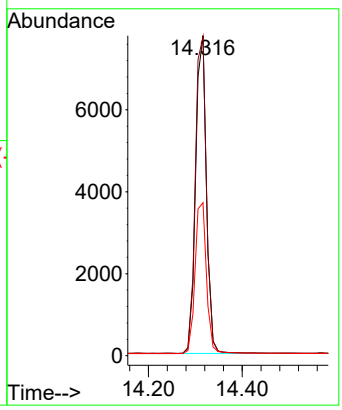


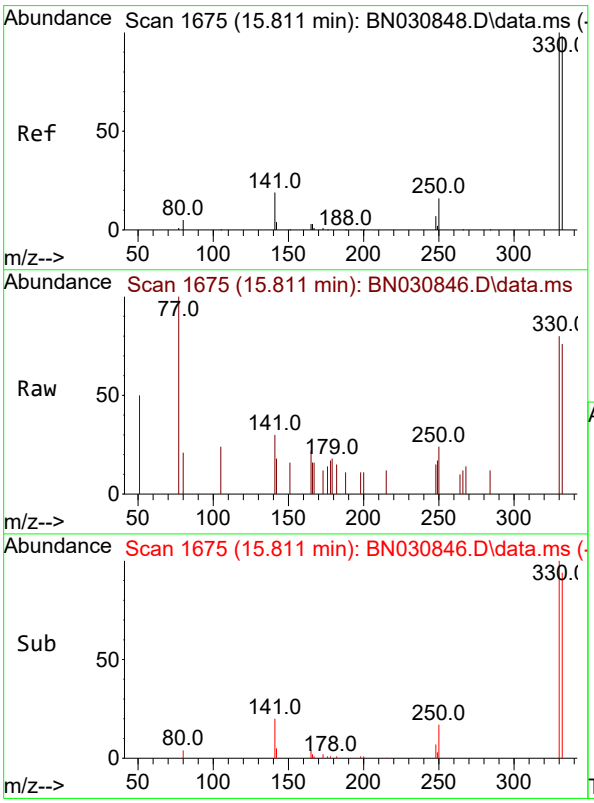
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.316 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN030846.D
Acq: 11 Apr 2024 17:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:164 Resp: 12386

Ion	Ratio	Lower	Upper
164	100		
162	99.7	80.9	121.3
160	47.8	38.3	57.5

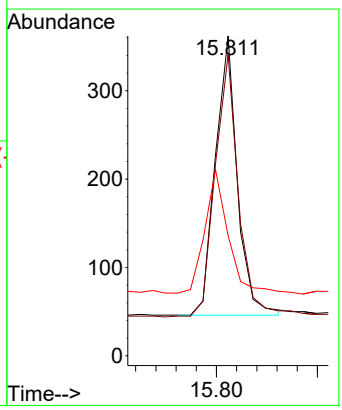


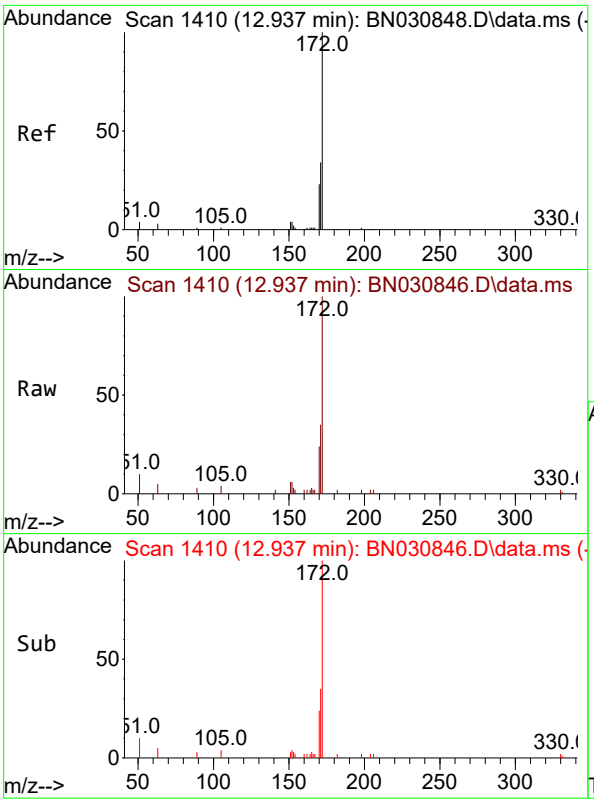


#14
2,4,6-Tribromophenol
Concen: 0.102 ng
RT: 15.811 min Scan# 1675
Delta R.T. 0.000 min
Lab File: BN030846.D
Acq: 11 Apr 2024 17:40

Tgt Ion:330 Resp: 476

Ion	Ratio	Lower	Upper
330	100		
332	99.2	77.8	116.6
141	46.2	37.3	55.9



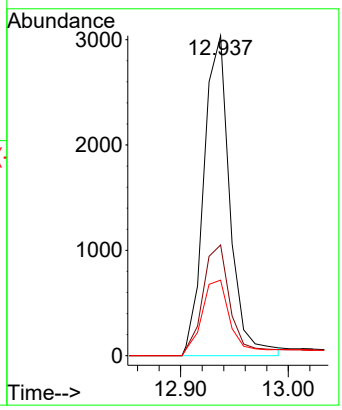


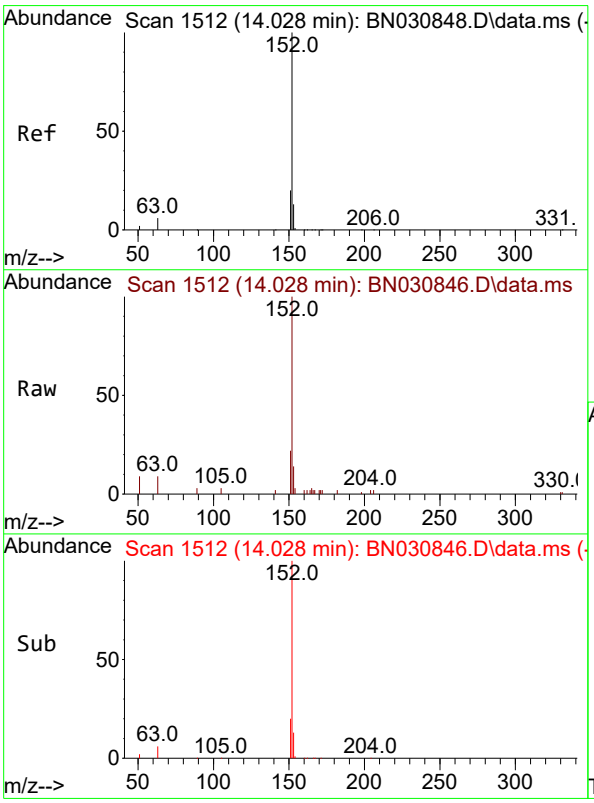
#15
2-Fluorobiphenyl
Concen: 0.093 ng
RT: 12.937 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN030846.D
Acq: 11 Apr 2024 17:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 4456

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.2	40.8
170	23.6	18.2	27.2

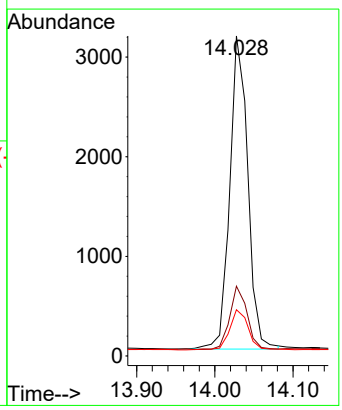


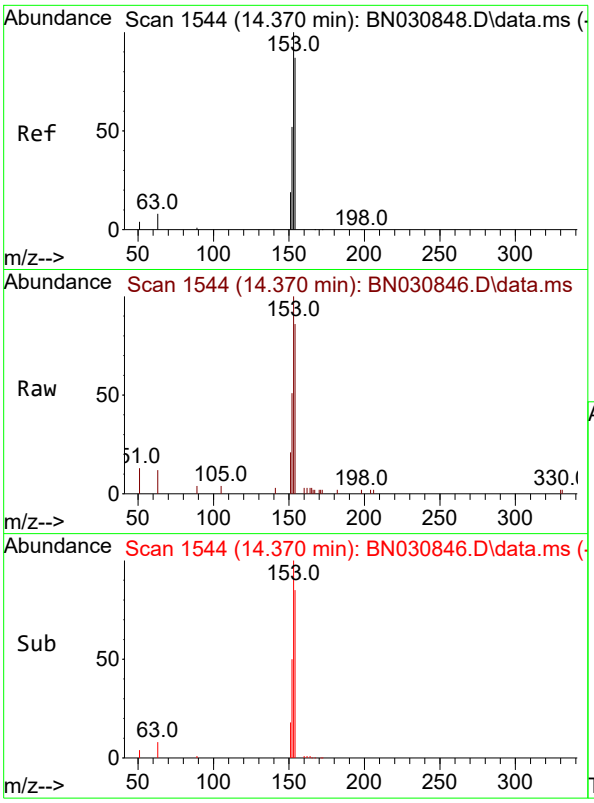


#16
Acenaphthylene
Concen: 0.090 ng
RT: 14.028 min Scan# 1512
Delta R.T. 0.000 min
Lab File: BN030846.D
Acq: 11 Apr 2024 17:40

Tgt Ion:152 Resp: 5034

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.5	23.3
153	13.3	10.3	15.5



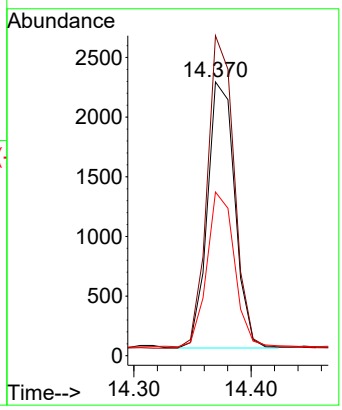


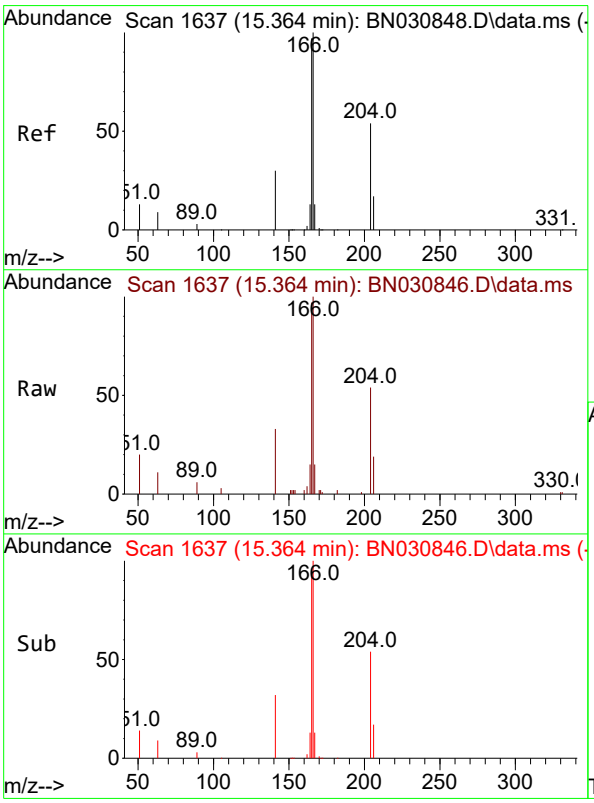
#17
Acenaphthene
Concen: 0.093 ng
RT: 14.370 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN030846.D
Acq: 11 Apr 2024 17:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:154 Resp: 3629

Ion	Ratio	Lower	Upper
154	100		
153	115.7	90.6	135.8
152	58.7	46.6	70.0

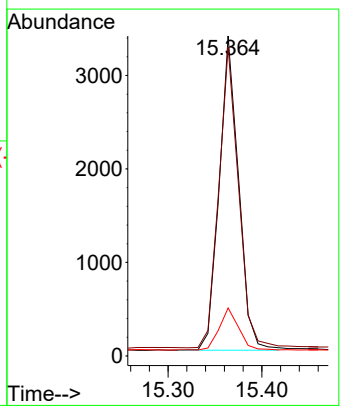


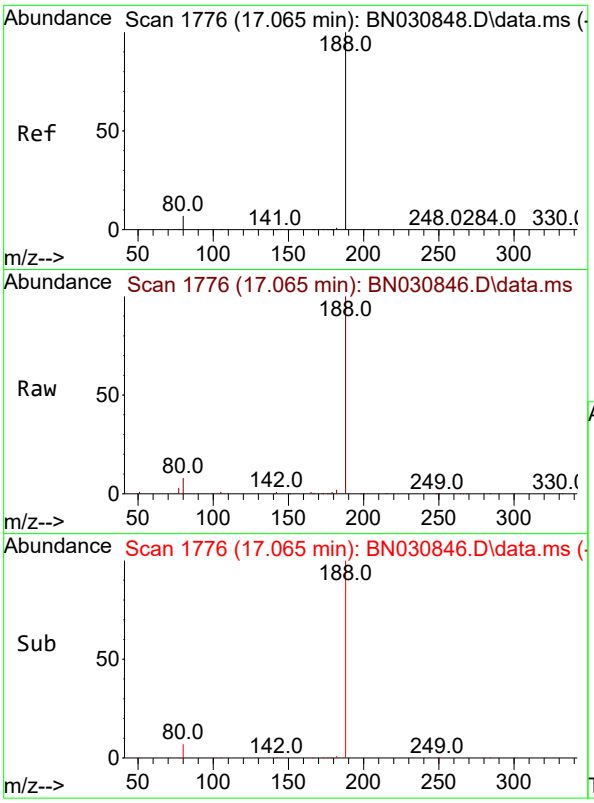


#18
Fluorene
Concen: 0.096 ng
RT: 15.364 min Scan# 1637
Delta R.T. 0.000 min
Lab File: BN030846.D
Acq: 11 Apr 2024 17:40

Tgt Ion:166 Resp: 4832

Ion	Ratio	Lower	Upper
166	100		
165	96.8	77.8	116.6
167	13.3	10.8	16.2



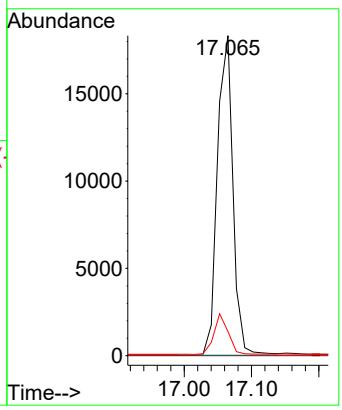


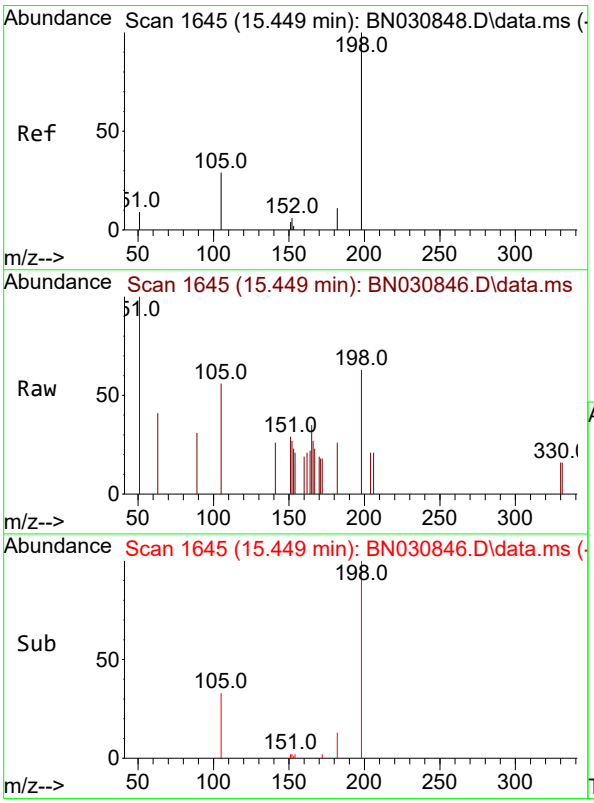
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.065 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030846.D
Acq: 11 Apr 2024 17:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:188 Resp: 29176

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.5	6.2	9.2

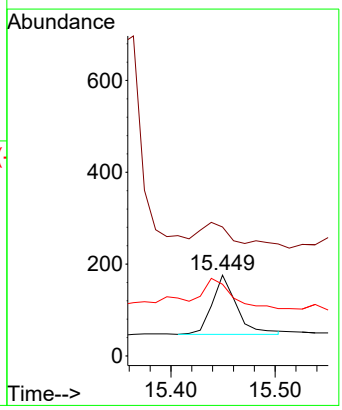


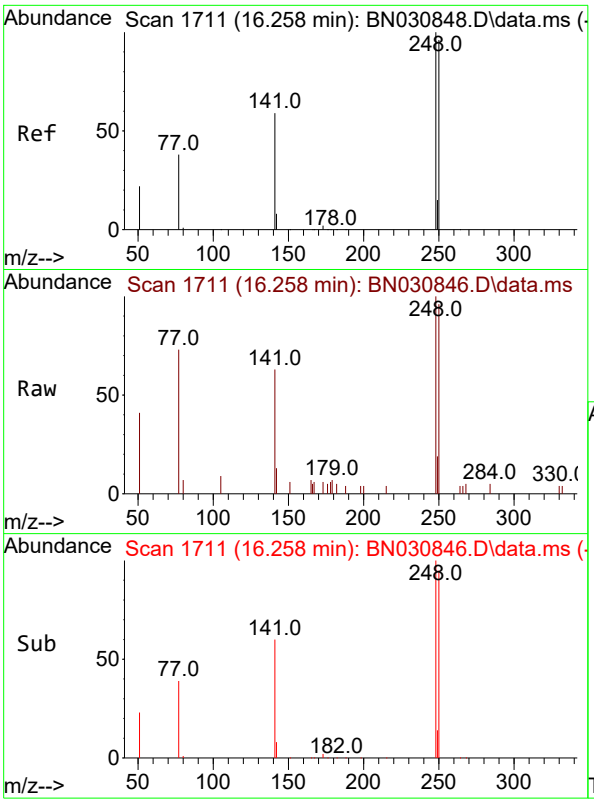


#20
4,6-Dinitro-2-methylphenol
Concen: 0.064 ng
RT: 15.449 min Scan# 1645
Delta R.T. 0.000 min
Lab File: BN030846.D
Acq: 11 Apr 2024 17:40

Tgt Ion:198 Resp: 211

Ion	Ratio	Lower	Upper
198	100		
51	159.7	42.9	64.3#
105	88.6	36.5	54.7#



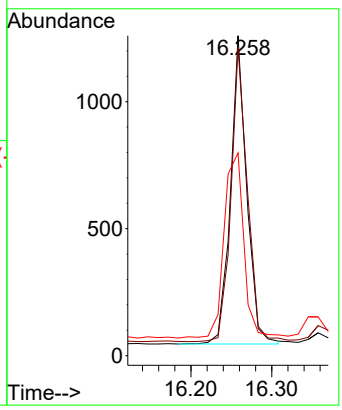


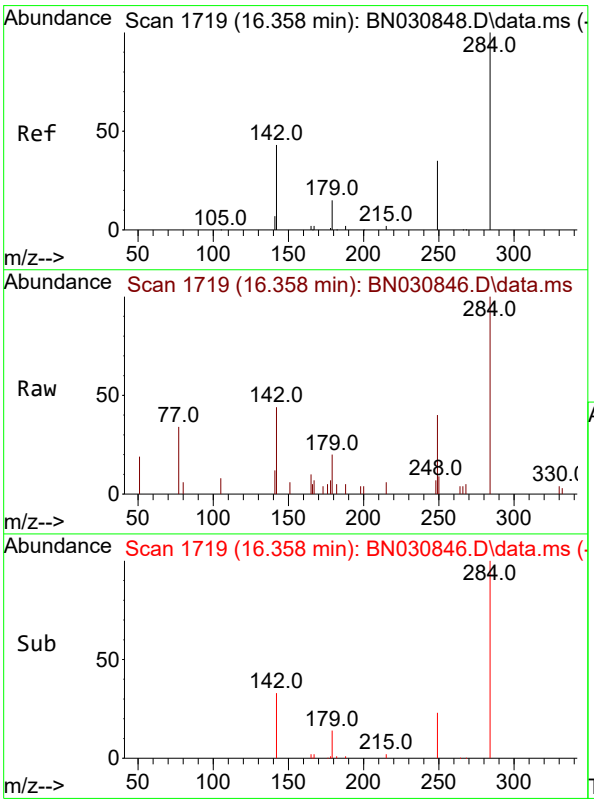
#21
4-Bromophenyl-phenylether
Concen: 0.096 ng
RT: 16.258 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030846.D
Acq: 11 Apr 2024 17:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:248 Resp: 1690

Ion	Ratio	Lower	Upper
248	100		
250	96.3	77.2	115.8
141	63.3	47.9	71.9

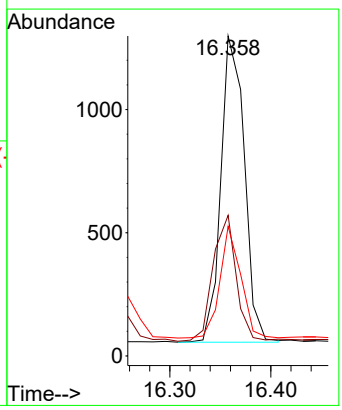


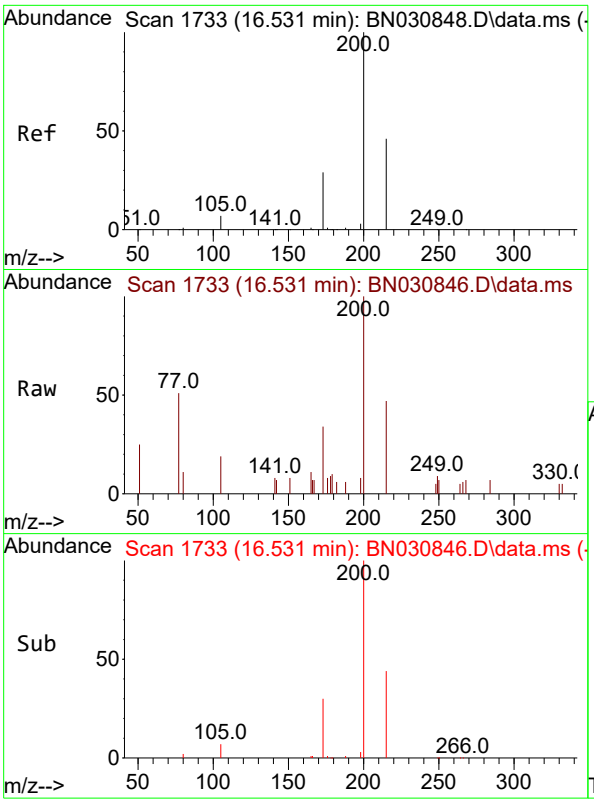


#22
Hexachlorobenzene
Concen: 0.095 ng
RT: 16.358 min Scan# 1719
Delta R.T. 0.000 min
Lab File: BN030846.D
Acq: 11 Apr 2024 17:40

Tgt Ion:284 Resp: 2006

Ion	Ratio	Lower	Upper
284	100		
142	40.3	31.4	47.0
249	32.4	25.4	38.2



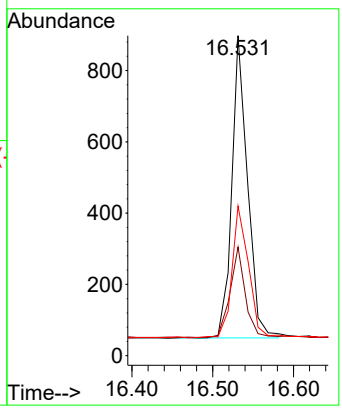


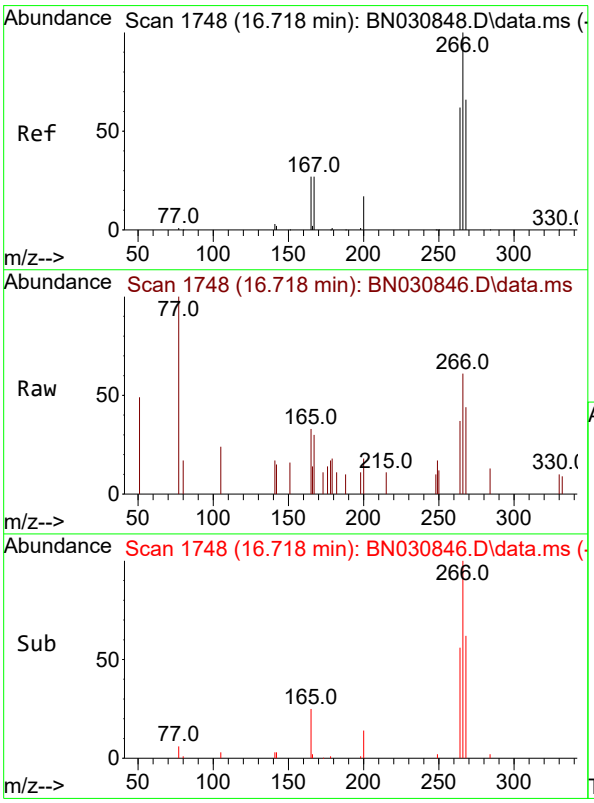
#23
Atrazine
Concen: 0.089 ng
RT: 16.531 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN030846.D
Acq: 11 Apr 2024 17:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:200 Resp: 1145

Ion	Ratio	Lower	Upper
200	100		
173	34.0	23.9	35.9
215	46.8	37.6	56.4

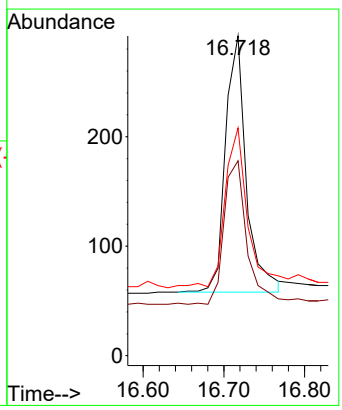


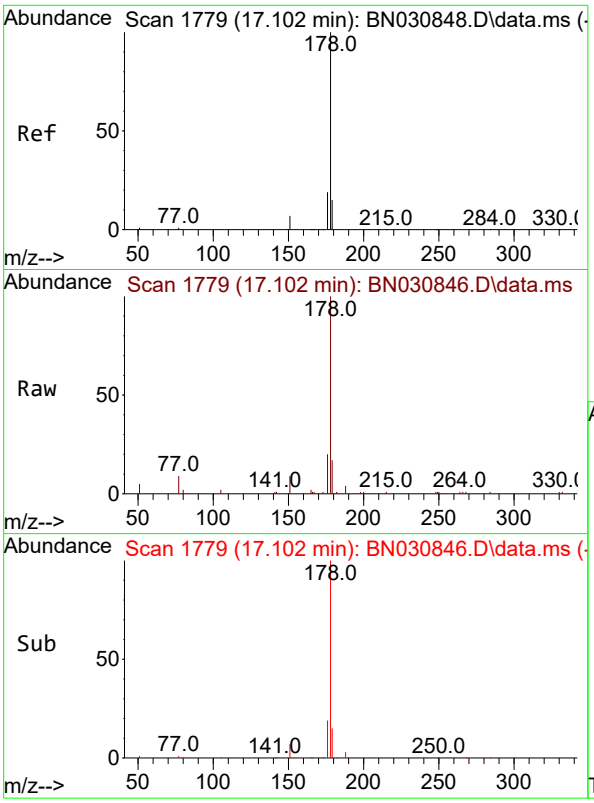


#24
Pentachlorophenol
Concen: 0.066 ng
RT: 16.718 min Scan# 1748
Delta R.T. 0.000 min
Lab File: BN030846.D
Acq: 11 Apr 2024 17:40

Tgt Ion:266 Resp: 420

Ion	Ratio	Lower	Upper
266	100		
264	61.2	45.0	67.6
268	64.3	44.0	66.0



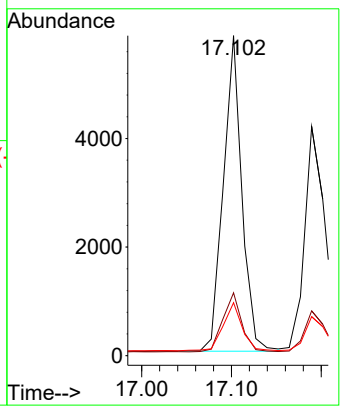


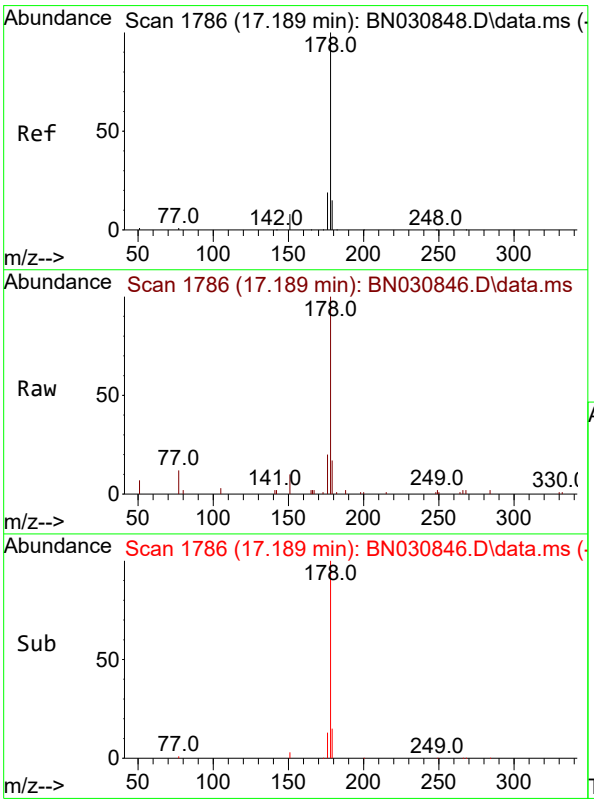
#25
Phenanthrene
Concen: 0.096 ng
RT: 17.102 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN030846.D
Acq: 11 Apr 2024 17:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 8336

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.2	22.8
179	15.6	12.1	18.1

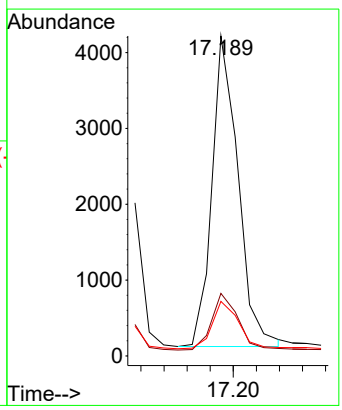


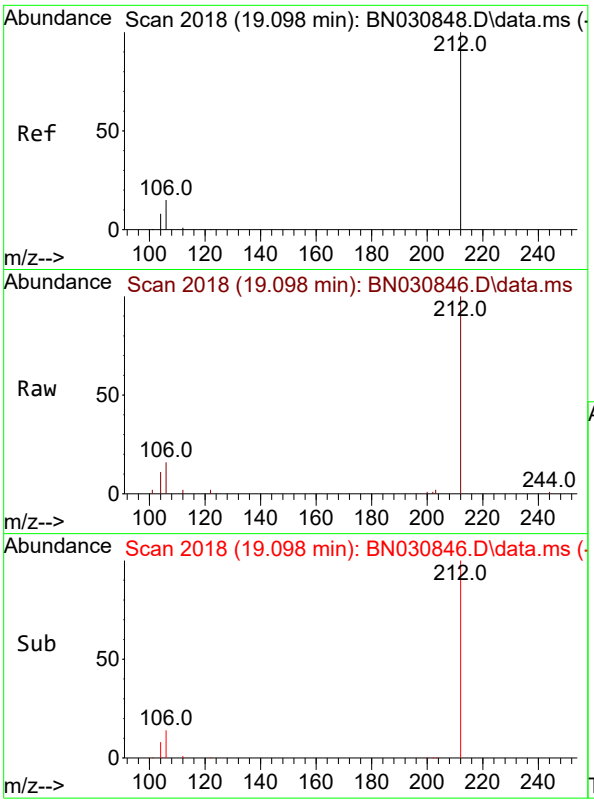


#26
Anthracene
Concen: 0.089 ng
RT: 17.189 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BN030846.D
Acq: 11 Apr 2024 17:40

Tgt Ion:178 Resp: 6440

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.9	22.3
179	15.6	12.3	18.5



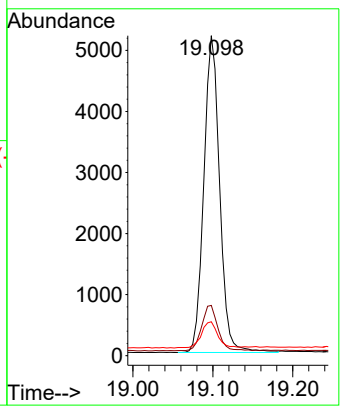


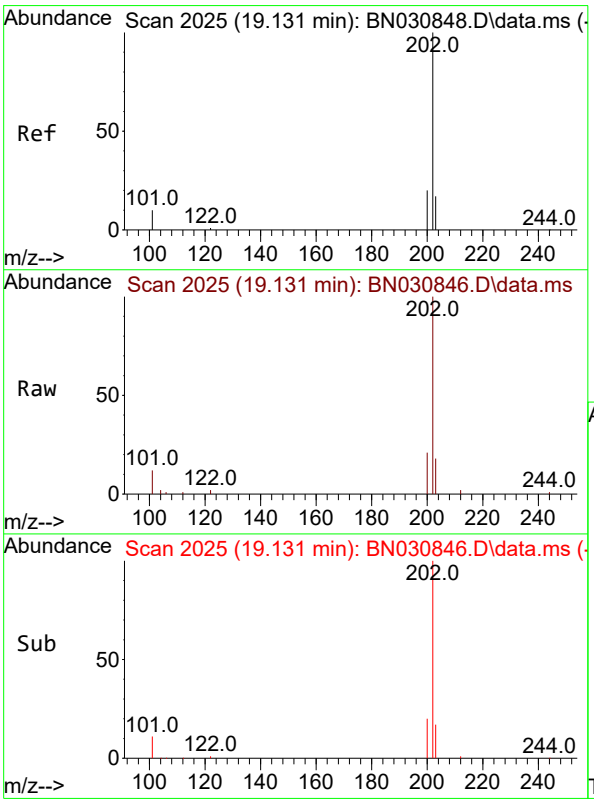
#27
Fluoranthene-d10
Concen: 0.091 ng
RT: 19.098 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN030846.D
Acq: 11 Apr 2024 17:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:212 Resp: 7146

Ion	Ratio	Lower	Upper
212	100		
106	14.4	11.9	17.9
104	8.8	6.6	9.8

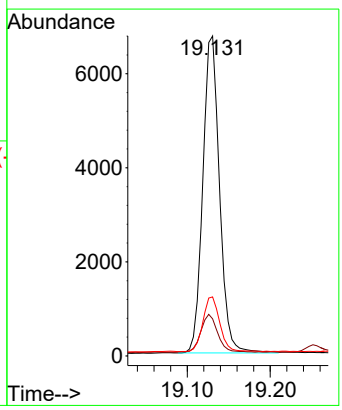


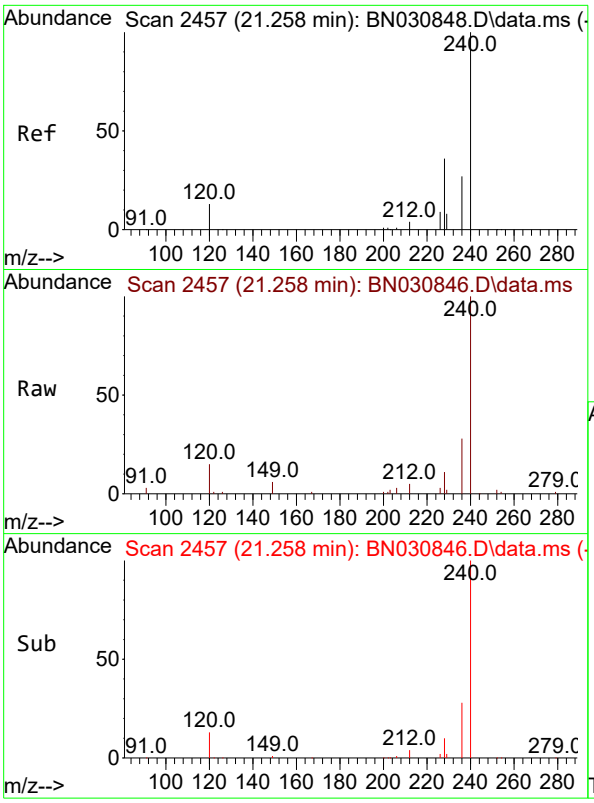


#28
Fluoranthene
Concen: 0.092 ng
RT: 19.131 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BN030846.D
Acq: 11 Apr 2024 17:40

Tgt Ion:202 Resp: 9456

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.4	14.0
203	17.4	13.8	20.6



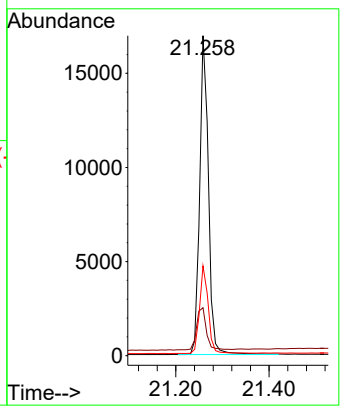


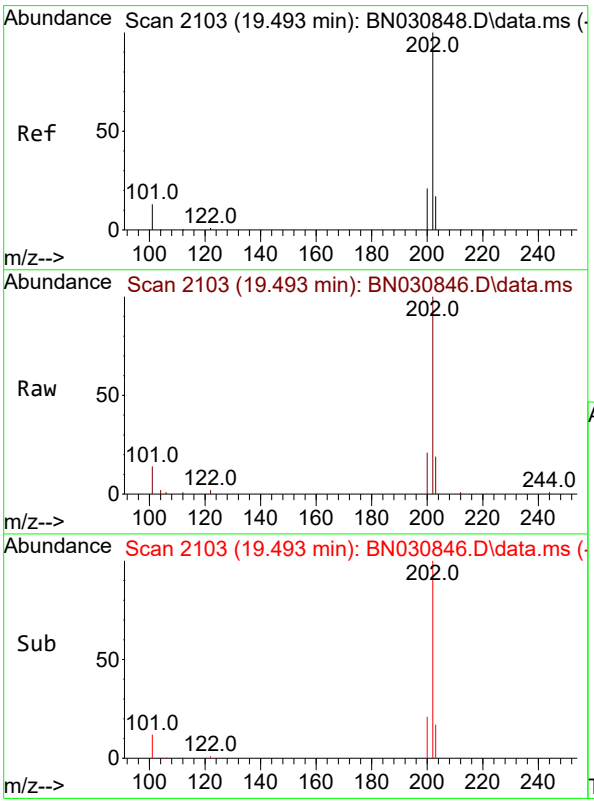
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.258 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN030846.D
Acq: 11 Apr 2024 17:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 22162

Ion	Ratio	Lower	Upper
240	100		
120	15.0	11.9	17.9
236	28.1	22.2	33.4

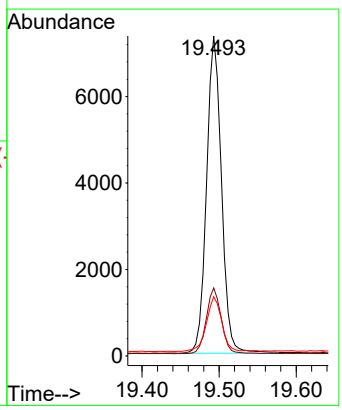


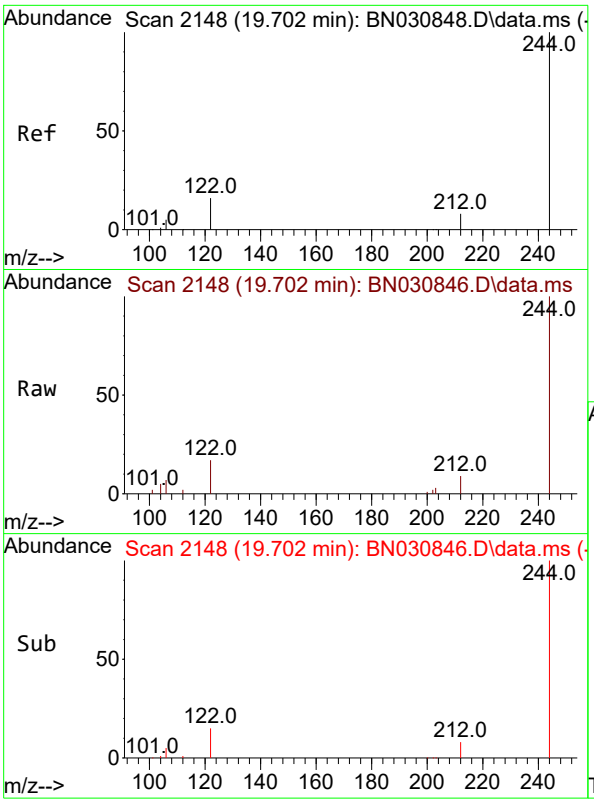


#30
Pyrene
Concen: 0.114 ng
RT: 19.493 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BN030846.D
Acq: 11 Apr 2024 17:40

Tgt Ion:202 Resp: 9875

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.5	24.7
203	17.7	14.2	21.2



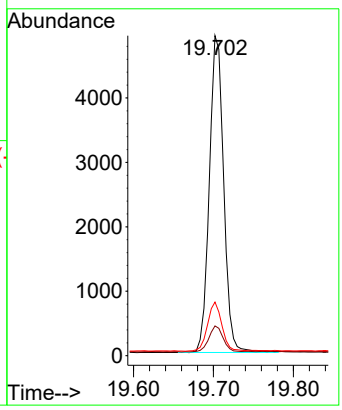


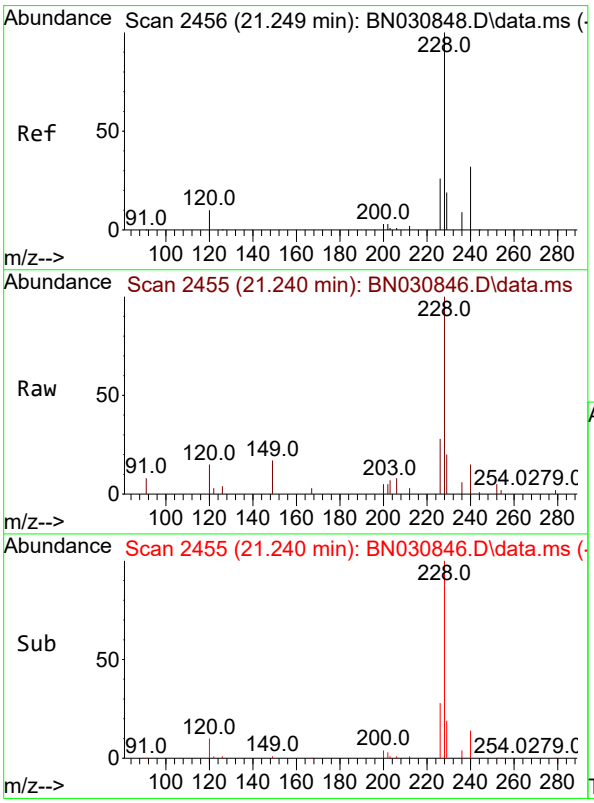
#31
Terphenyl-d14
Concen: 0.120 ng
RT: 19.702 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN030846.D
Acq: 11 Apr 2024 17:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 6138

Ion	Ratio	Lower	Upper
244	100		
212	9.3	6.9	10.3
122	16.8	12.8	19.2

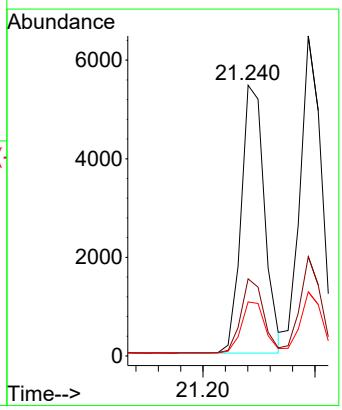


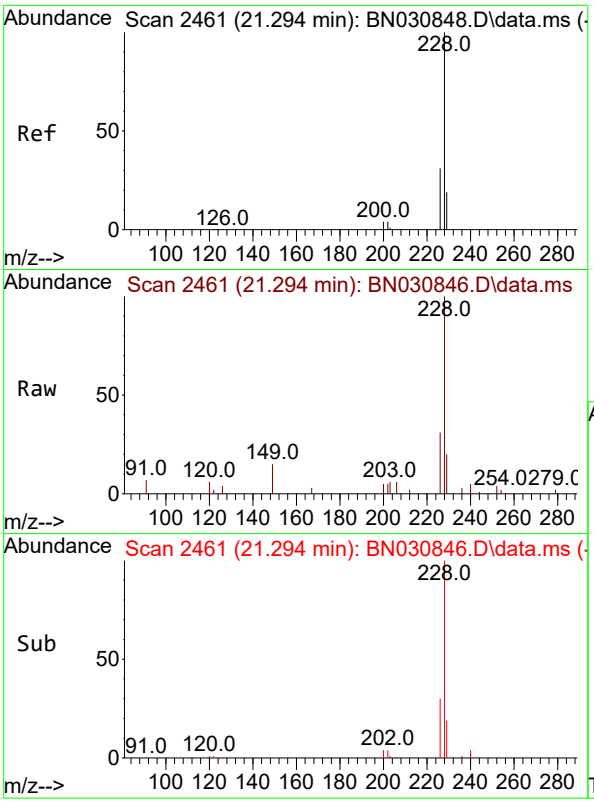


#32
Benzo(a)anthracene
Concen: 0.100 ng
RT: 21.240 min Scan# 2455
Delta R.T. -0.009 min
Lab File: BN030846.D
Acq: 11 Apr 2024 17:40

Tgt Ion:228 Resp: 7884

Ion	Ratio	Lower	Upper
228	100		
226	28.5	21.0	31.4
229	20.0	15.8	23.6



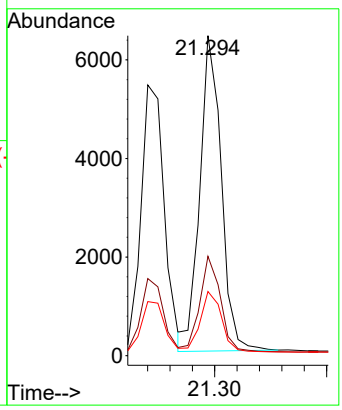


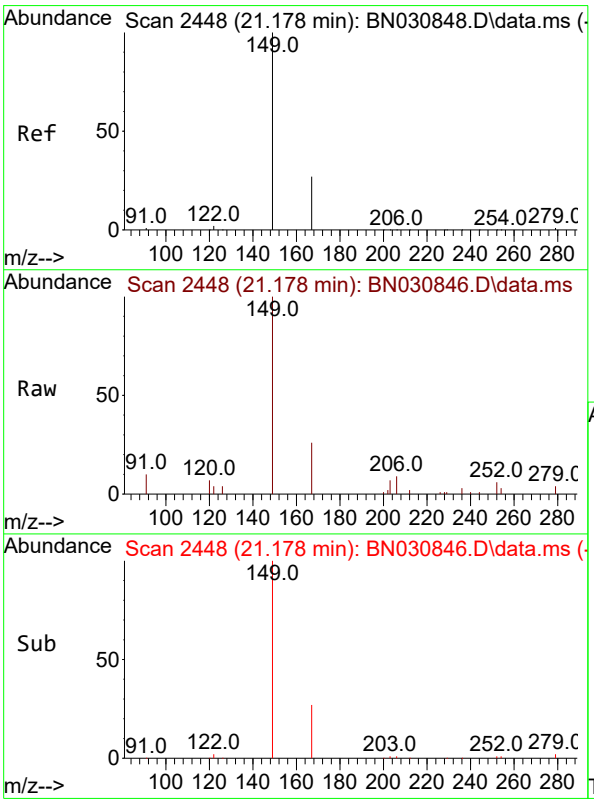
#33
Chrysene
Concen: 0.101 ng
RT: 21.294 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN030846.D
Acq: 11 Apr 2024 17:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 8510

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.3	36.5
229	20.1	15.4	23.2

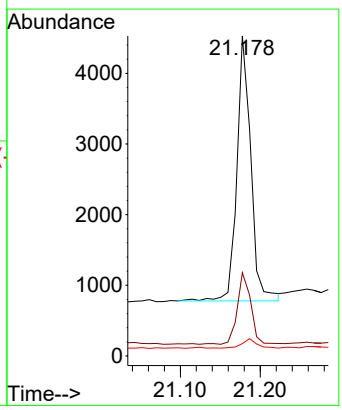


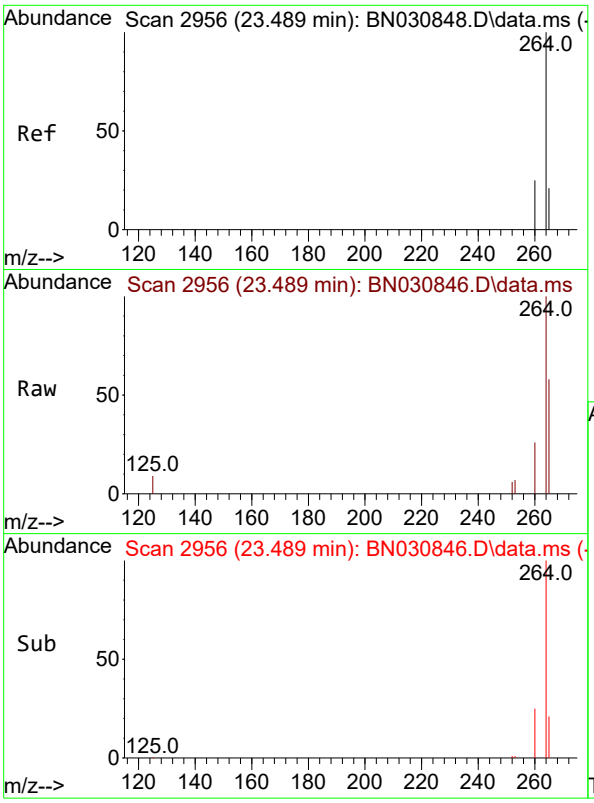


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.133 ng
RT: 21.178 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BN030846.D
Acq: 11 Apr 2024 17:40

Tgt Ion:149 Resp: 4542

Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.7	32.5
279	3.6	2.6	4.0



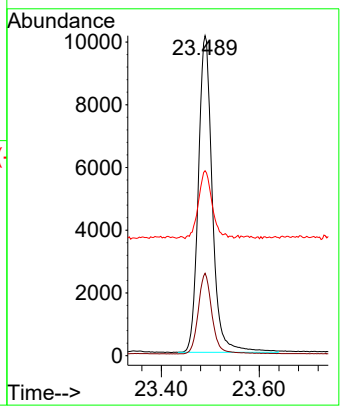


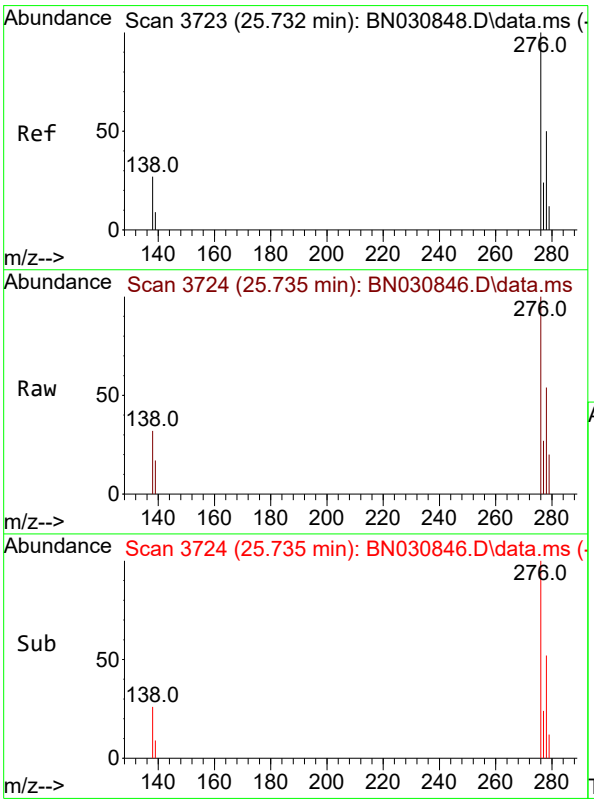
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.489 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN030846.D
Acq: 11 Apr 2024 17:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:264 Resp: 20071

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.3	30.5
265	57.8	46.5	69.7

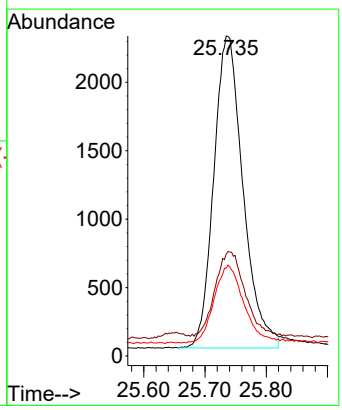


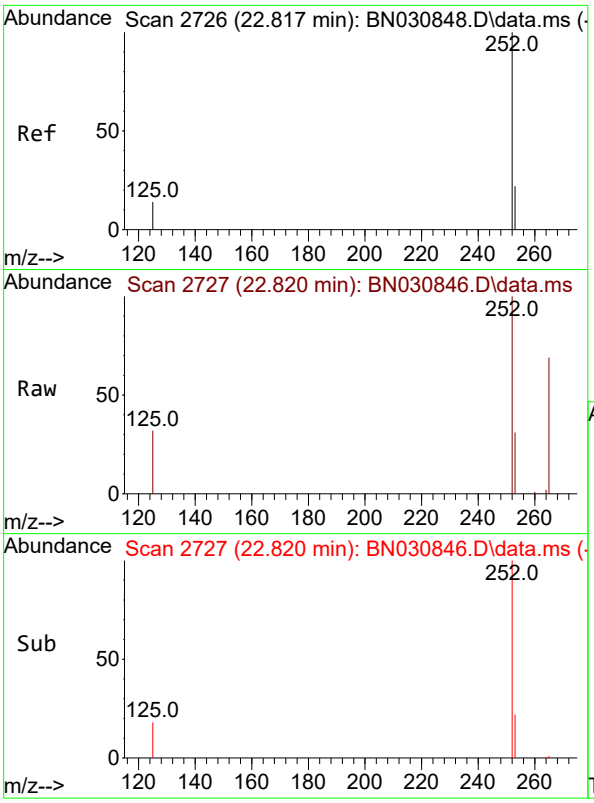


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.085 ng
RT: 25.735 min Scan# 3724
Delta R.T. 0.003 min
Lab File: BN030846.D
Acq: 11 Apr 2024 17:40

Tgt Ion:276 Resp: 7574

Ion	Ratio	Lower	Upper
276	100		
138	27.6	22.2	33.4
277	25.0	19.9	29.9



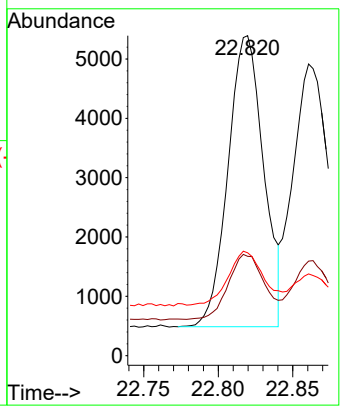


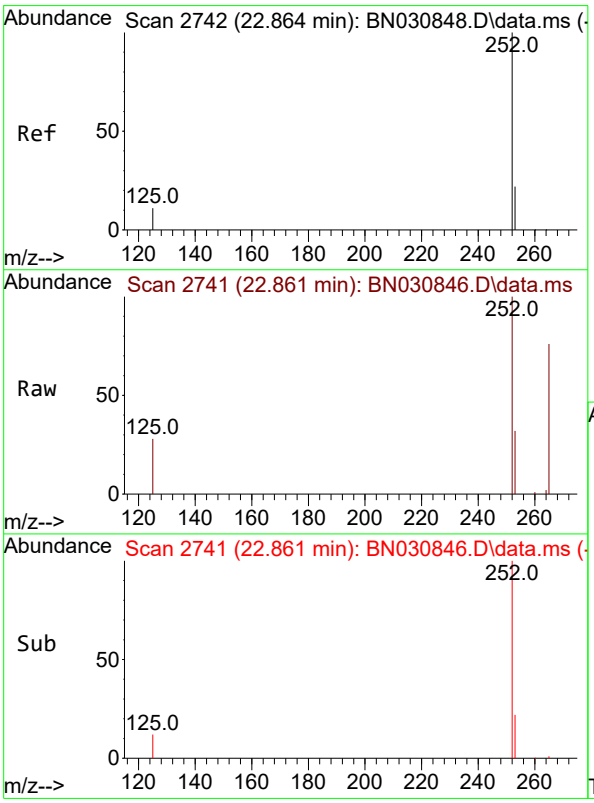
#37
Benzo(b)fluoranthene
Concen: 0.100 ng
RT: 22.820 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN030846.D
Acq: 11 Apr 2024 17:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 8152

Ion	Ratio	Lower	Upper
252	100		
253	31.0	19.4	29.2#
125	32.2	14.1	21.1#

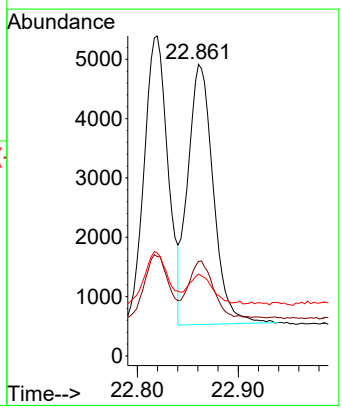


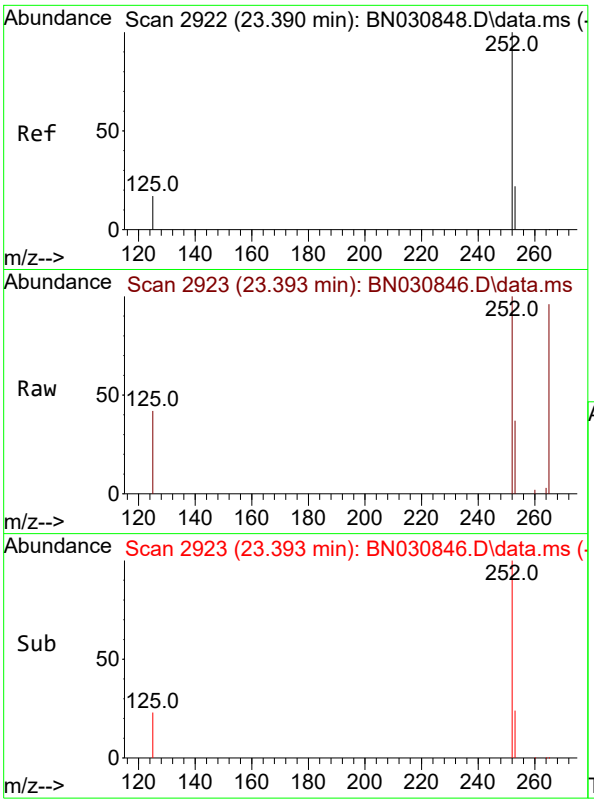


#38
Benzo(k)fluoranthene
Concen: 0.094 ng
RT: 22.861 min Scan# 2741
Delta R.T. -0.003 min
Lab File: BN030846.D
Acq: 11 Apr 2024 17:40

Tgt Ion:252 Resp: 7695

Ion	Ratio	Lower	Upper
252	100		
253	32.4	19.5	29.3#
125	28.0	12.2	18.4#



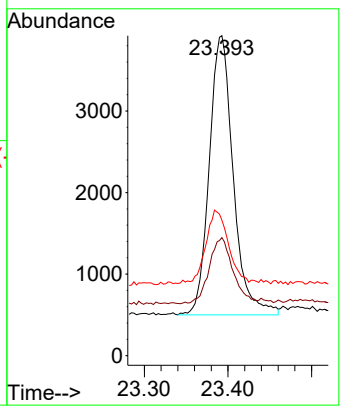


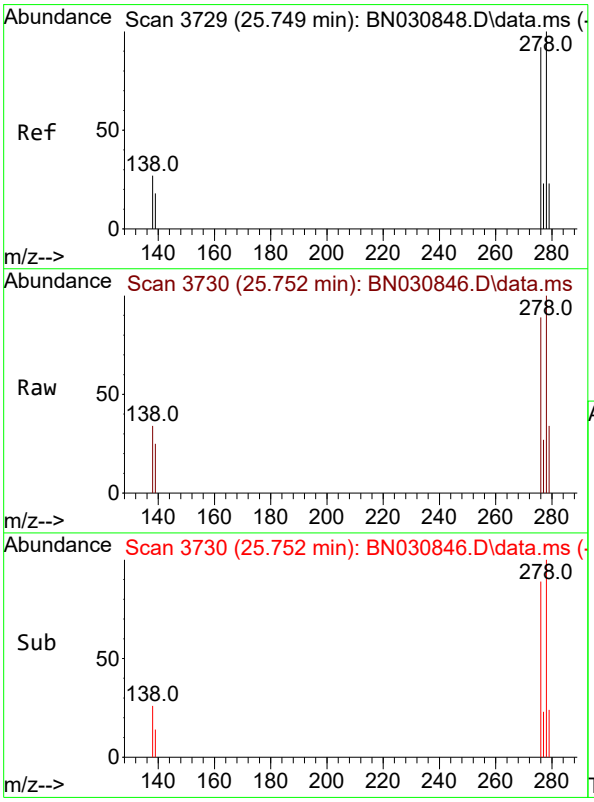
#39
Benzo(a)pyrene
Concen: 0.104 ng
RT: 23.393 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN030846.D
Acq: 11 Apr 2024 17:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 6830

Ion	Ratio	Lower	Upper
252	100		
253	36.9	20.9	31.3#
125	42.3	18.5	27.7#

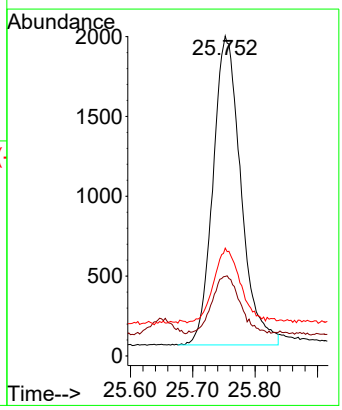


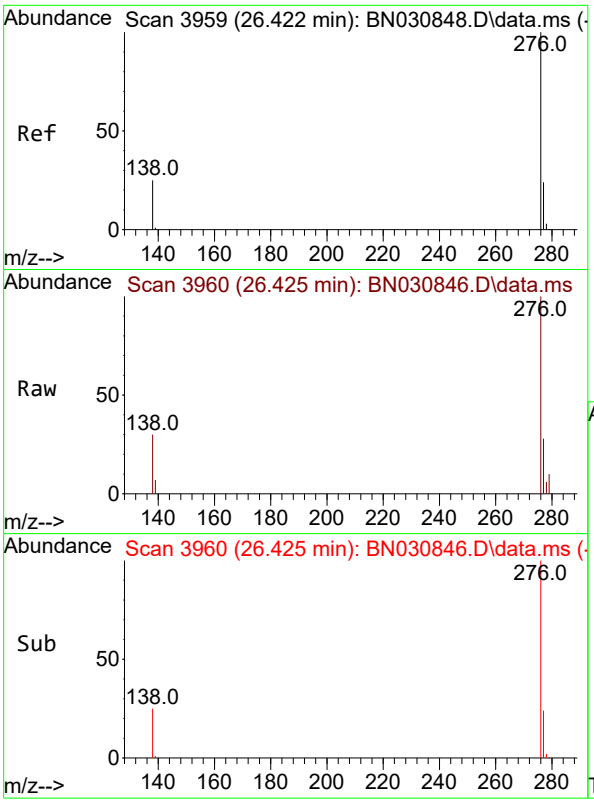


#40
Dibenzo(a,h)anthracene
Concen: 0.085 ng
RT: 25.752 min Scan# 3730
Delta R.T. 0.003 min
Lab File: BN030846.D
Acq: 11 Apr 2024 17:40

Tgt Ion:278 Resp: 5995

Ion	Ratio	Lower	Upper
278	100		
139	24.9	16.7	25.1
279	33.7	20.9	31.3#





#41
Benzo(g,h,i)perylene
Concen: 0.089 ng
RT: 26.425 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN030846.D
Acq: 11 Apr 2024 17:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 6714

Ion	Ratio	Lower	Upper
276	100		
277	27.6	19.6	29.4
138	30.4	20.9	31.3