Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111324\
Data File : BN035064.D
Acq On : 13 Nov 2024 13:52
Operator : RC/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Nov 13 16:43:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 16:42:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.553	152	2804	0.400	ng		0.00
7) Naphthalene-d8	10.319	136	6865	0.400	ng		0.00
13) Acenaphthene-d10	14.186	164	5401	0.400	ng		0.00
19) Phenanthrene-d10	16.939	188	13499	0.400	ng		0.00
29) Chrysene-d12	21.140	240	14946	0.400	ng		0.00
35) Perylene-d12	23.304	264	17077	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.177	112	2661	0.374	ng		0.00
5) Phenol-d6	6.737	99	3250	0.364	ng		0.00
8) Nitrobenzene-d5	8.696	82	2197	0.369	ng		0.00
11) 2-Methylnaphthalene-d10	11.916	152	4559	0.373	ng		0.00
14) 2,4,6-Tribromophenol	15.686	330	1295	0.333	ng		0.00
15) 2-Fluorobiphenyl	12.807	172	7888	0.360	ng		0.00
27) Fluoranthene-d10	18.976	212	15786	0.382	ng		0.00
31) Terphenyl-d14	19.589	244	12101	0.386	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.177	88	940	0.369	ng		100
3) n-Nitrosodimethylamine	3.480	42	914	0.386	ng		100
6) bis(2-Chloroethyl)ether	6.990	93	2504	0.374	ng		100
9) Naphthalene	10.362	128	6705	0.374	ng		100
10) Hexachlorobutadiene	10.661	225	2010	0.383	ng	#	100
12) 2-Methylnaphthalene	11.988	142	4884	0.369	ng		100
16) Acenaphthylene	13.908	152	8034	0.348	ng		100
17) Acenaphthene	14.251	154	5401	0.357	ng		100
18) Fluorene	15.245	166	7900	0.355	ng		100
20) 4,6-Dinitro-2-methylph...	15.330	198	979	0.348	ng		100
21) 4-Bromophenyl-phenylether	16.145	248	3317	0.386	ng		100
22) Hexachlorobenzene	16.244	284	3412	0.382	ng		100
23) Atrazine	16.418	200	2925	0.379	ng		100
24) Pentachlorophenol	16.592	266	1402	0.336	ng		100
25) Phenanthrene	16.977	178	13558	0.382	ng		100
26) Anthracene	17.064	178	12422	0.381	ng		100
28) Fluoranthene	19.004	202	18716	0.383	ng		100
30) Pyrene	19.366	202	19252	0.387	ng		100
32) Benzo(a)anthracene	21.122	228	19844	0.381	ng		100
33) Chrysene	21.176	228	19908	0.386	ng		100
34) Bis(2-ethylhexyl)phtha...	21.077	149	9671	0.357	ng		100
36) Indeno(1,2,3-cd)pyrene	25.453	276	25986	0.381	ng		100
37) Benzo(b)fluoranthene	22.658	252	21843	0.380	ng		100
38) Benzo(k)fluoranthene	22.701	252	21977	0.382	ng		100
39) Benzo(a)pyrene	23.207	252	19170	0.379	ng		100
40) Dibenzo(a,h)anthracene	25.467	278	20655	0.383	ng		100
41) Benzo(g,h,i)perylene	26.105	276	21955	0.382	ng		100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111324\
Data File : BN035064.D
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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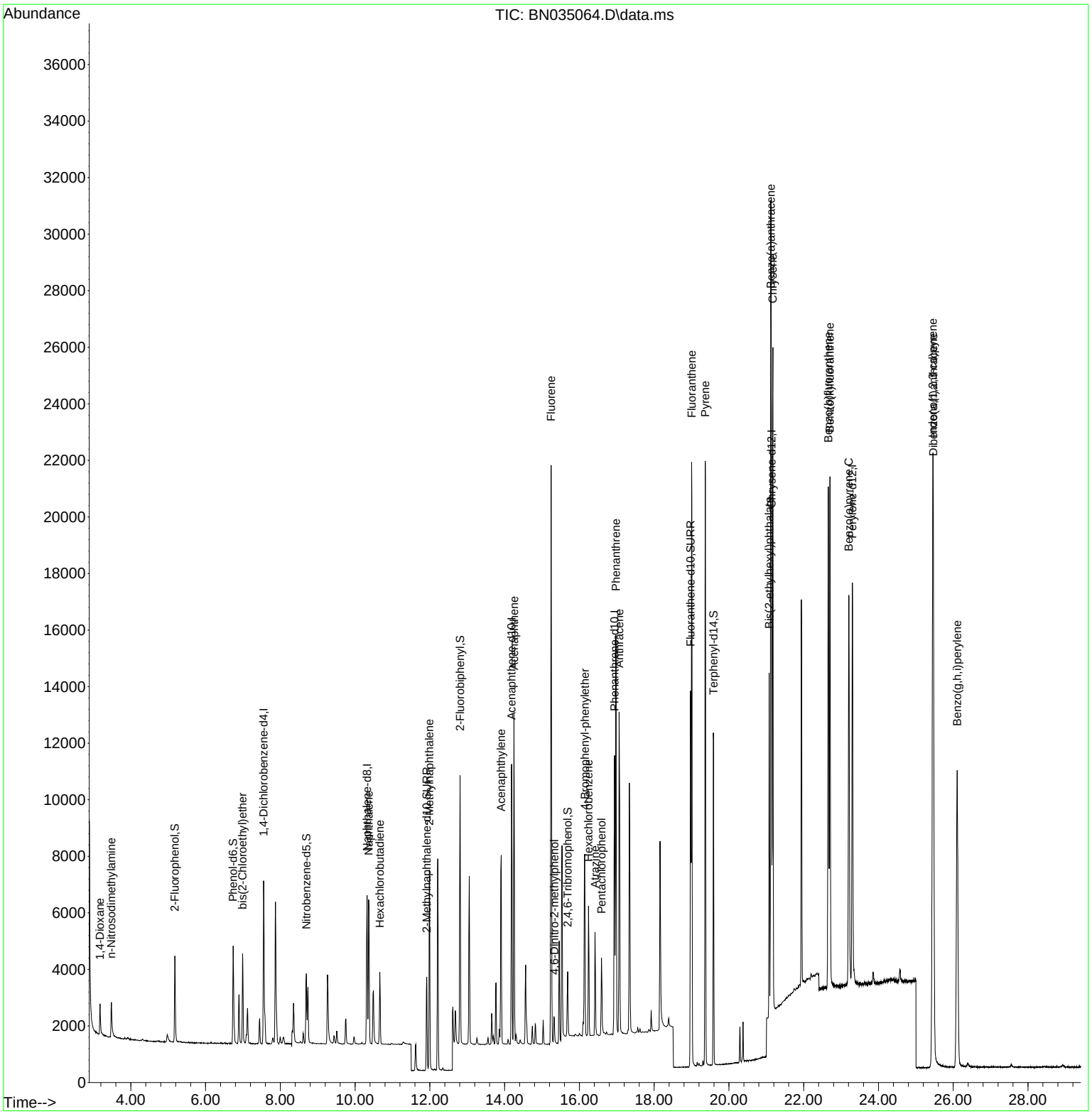
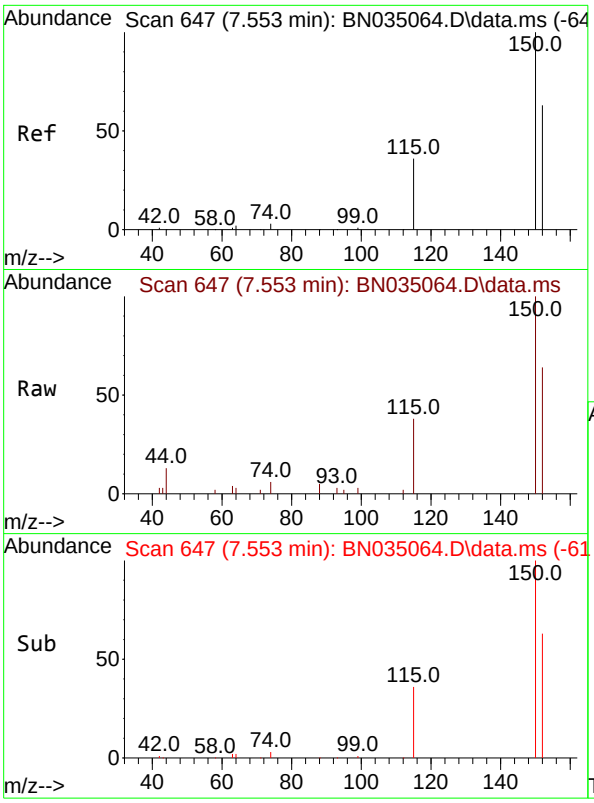
Quant Time: Nov 13 16:43:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 16:42:01 2024
Response via : Initial Calibration



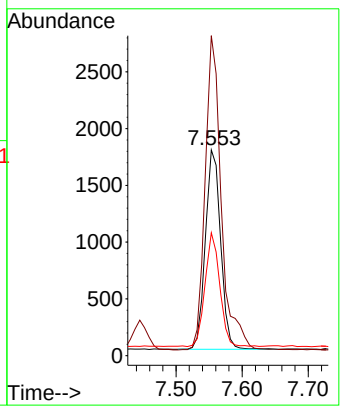


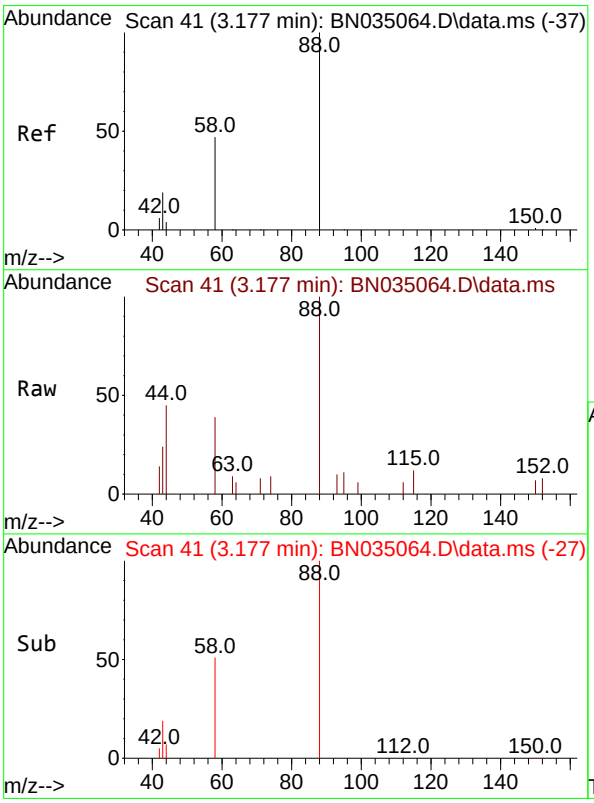
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.553 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN035064.D
Acq: 13 Nov 2024 13:52

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 2804

Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.5	186.7
115	59.7	47.8	71.6

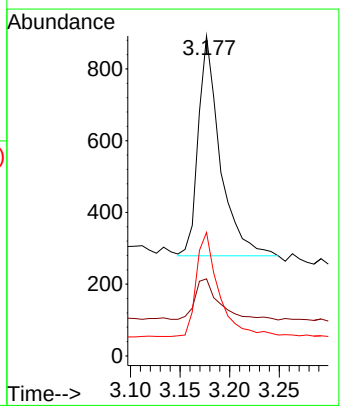


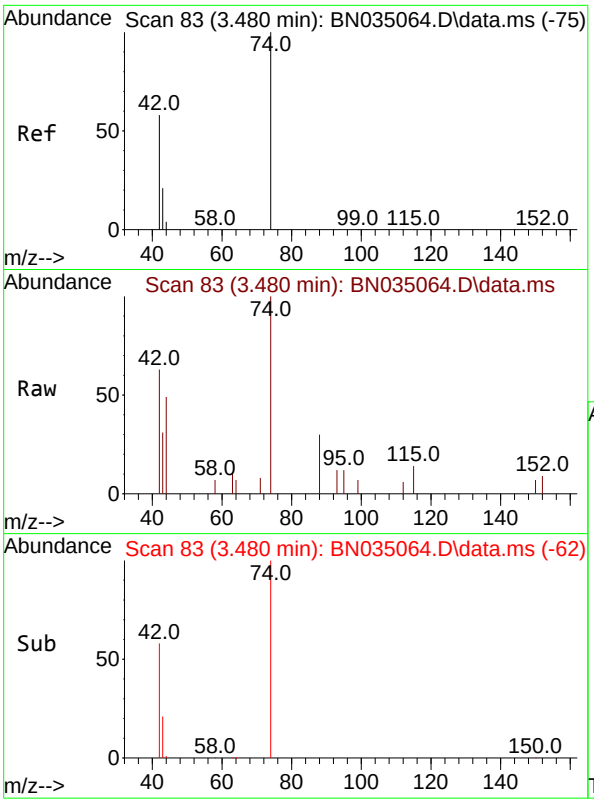


#2
1,4-Dioxane
Concen: 0.369 ng
RT: 3.177 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN035064.D
Acq: 13 Nov 2024 13:52

Tgt Ion: 88 Resp: 940

Ion	Ratio	Lower	Upper
88	100		
43	21.1	16.9	25.3
58	48.7	39.0	58.4



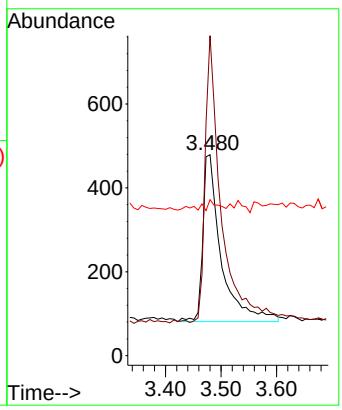


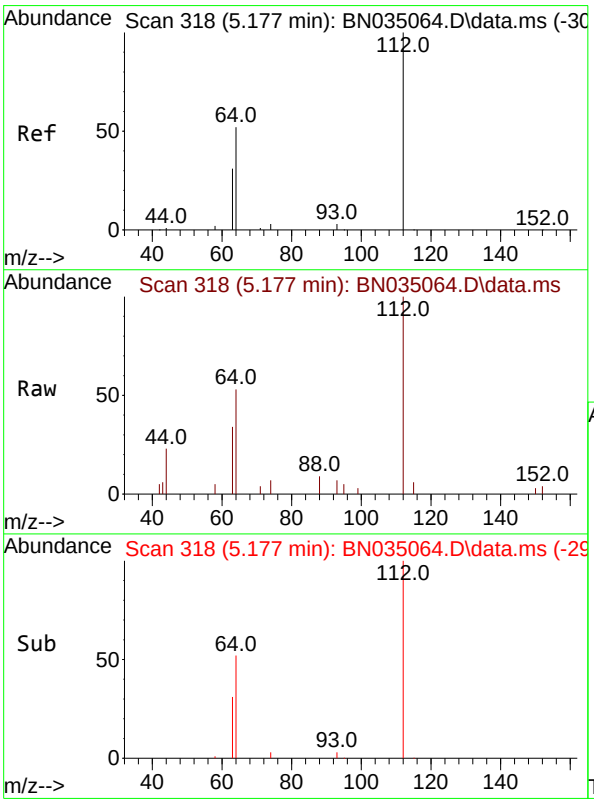
#3
n-Nitrosodimethylamine
Concen: 0.386 ng
RT: 3.480 min Scan# 8
Delta R.T. 0.000 min
Lab File: BN035064.D
Acq: 13 Nov 2024 13:52

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 42 Resp: 914

Ion	Ratio	Lower	Upper
42	100		
74	151.0	120.8	181.2
44	3.6	2.9	4.3

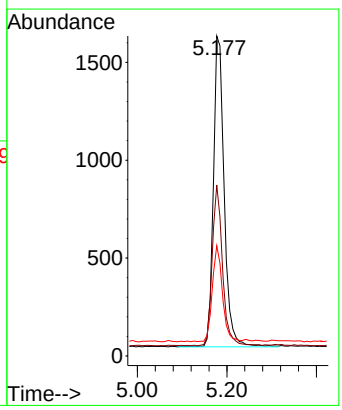


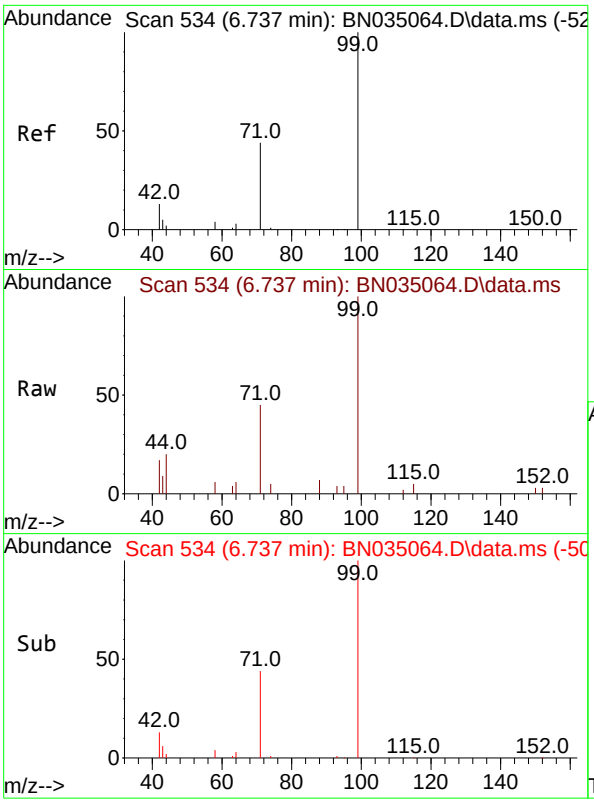


#4
2-Fluorophenol
Concen: 0.374 ng
RT: 5.177 min Scan# 318
Delta R.T. 0.000 min
Lab File: BN035064.D
Acq: 13 Nov 2024 13:52

Tgt Ion:112 Resp: 2661

Ion	Ratio	Lower	Upper
112	100		
64	49.6	39.7	59.5
63	28.7	23.0	34.4



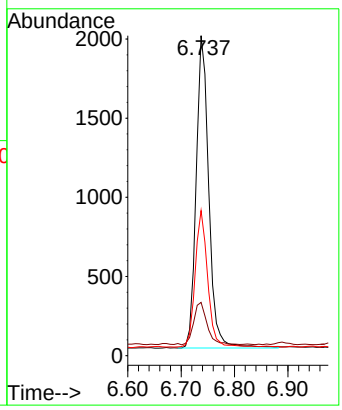


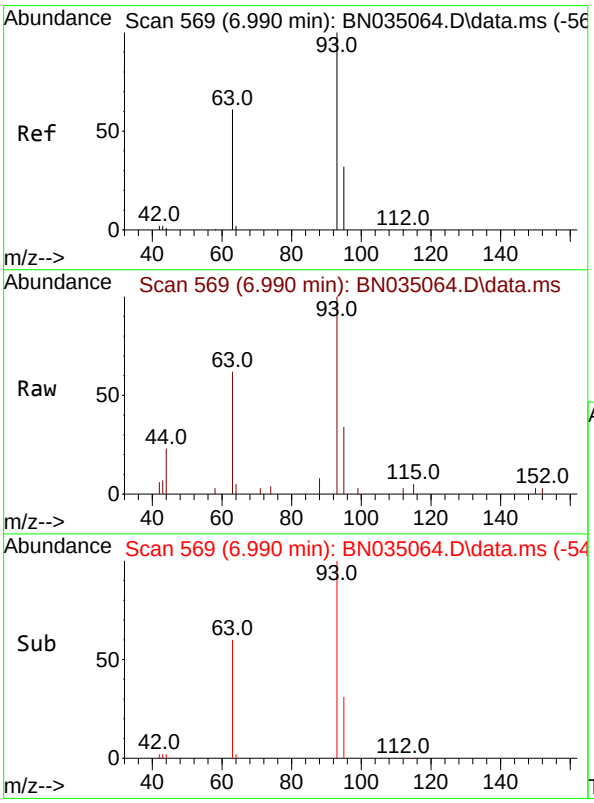
#5
Phenol-d6
Concen: 0.364 ng
RT: 6.737 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN035064.D
Acq: 13 Nov 2024 13:52

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 99 Resp: 3250

Ion	Ratio	Lower	Upper
99	100		
42	14.2	11.4	17.0
71	43.2	34.6	51.8

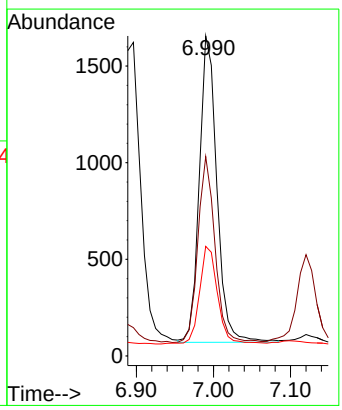


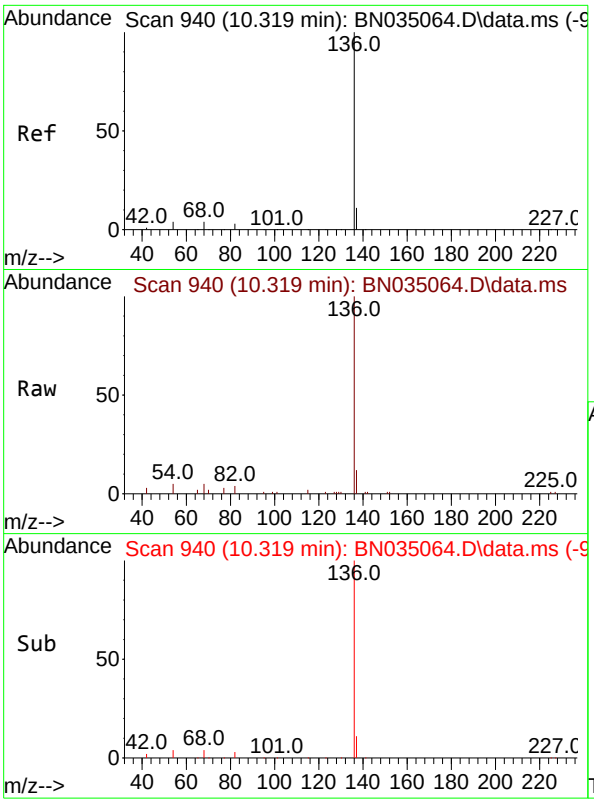


#6
bis(2-Chloroethyl)ether
Concen: 0.374 ng
RT: 6.990 min Scan# 569
Delta R.T. 0.000 min
Lab File: BN035064.D
Acq: 13 Nov 2024 13:52

Tgt Ion: 93 Resp: 2504

Ion	Ratio	Lower	Upper
93	100		
63	59.3	47.4	71.2
95	32.8	26.2	39.4



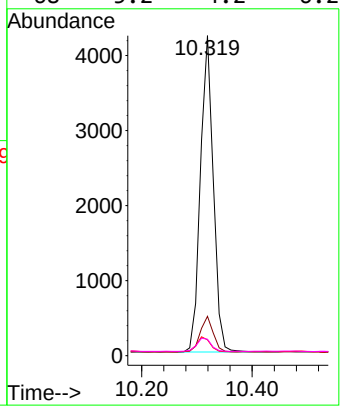


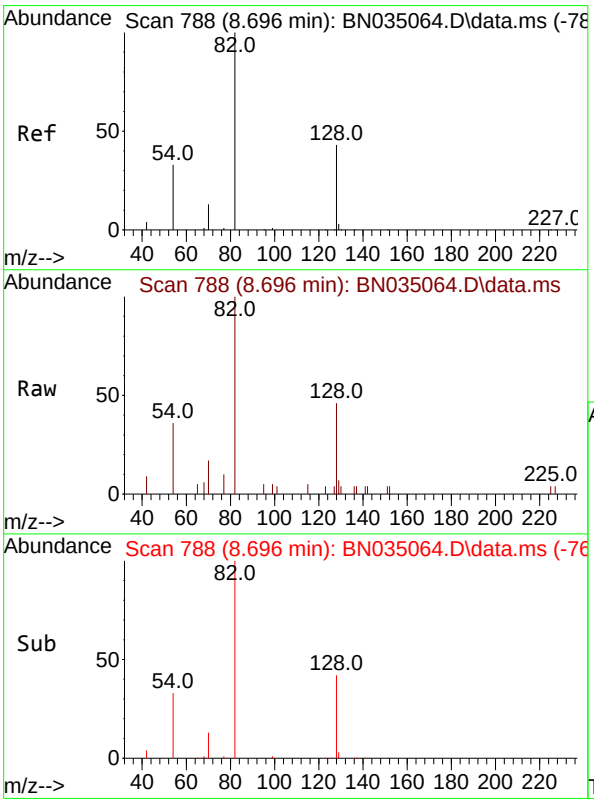
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.319 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN035064.D
Acq: 13 Nov 2024 13:52

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:136 Resp: 6865

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.8	14.8
54	5.0	4.0	6.0
68	5.2	4.2	6.2

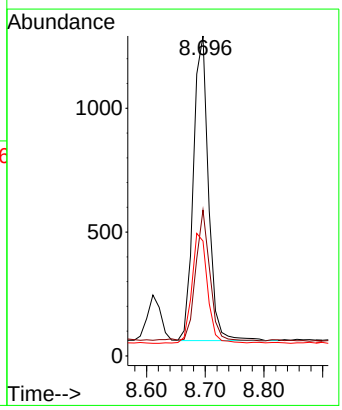


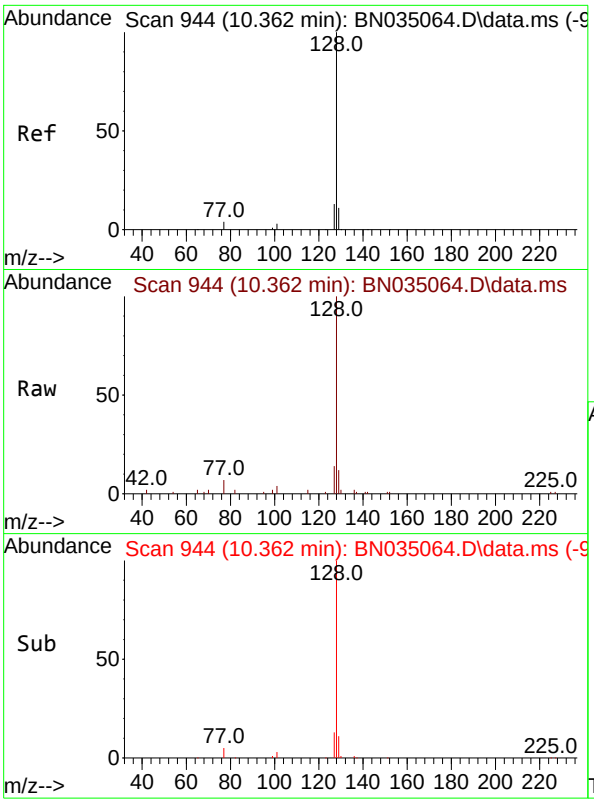


#8
Nitrobenzene-d5
Concen: 0.369 ng
RT: 8.696 min Scan# 788
Delta R.T. 0.000 min
Lab File: BN035064.D
Acq: 13 Nov 2024 13:52

Tgt Ion: 82 Resp: 2197

Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.5	54.7
54	35.9	28.7	43.1



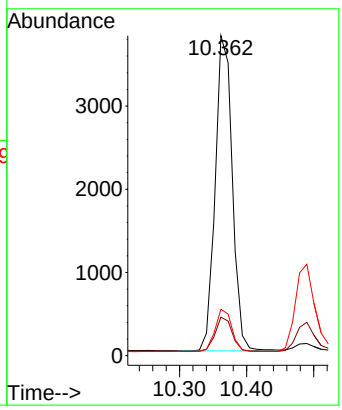


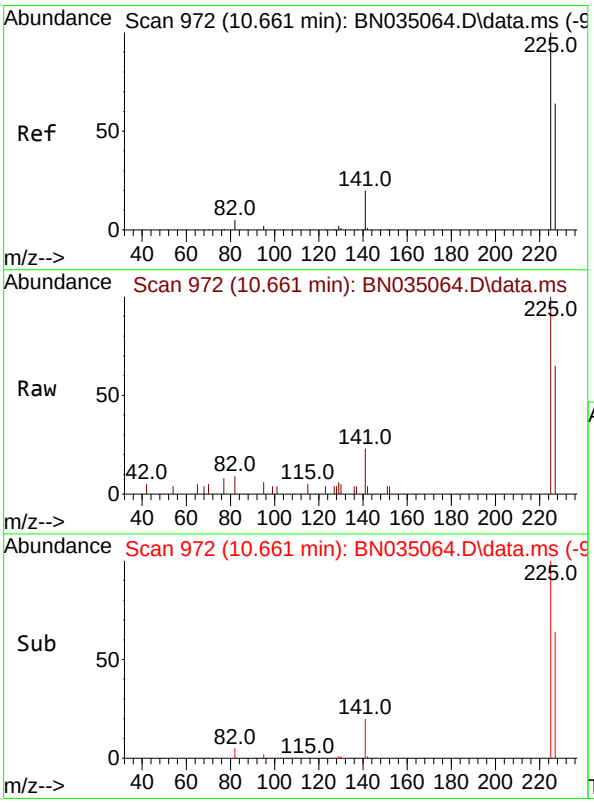
#9
Naphthalene
Concen: 0.374 ng
RT: 10.362 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN035064.D
Acq: 13 Nov 2024 13:52

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:128 Resp: 6705

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.6	14.4
127	14.5	11.6	17.4

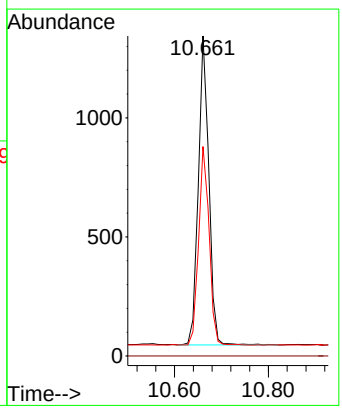


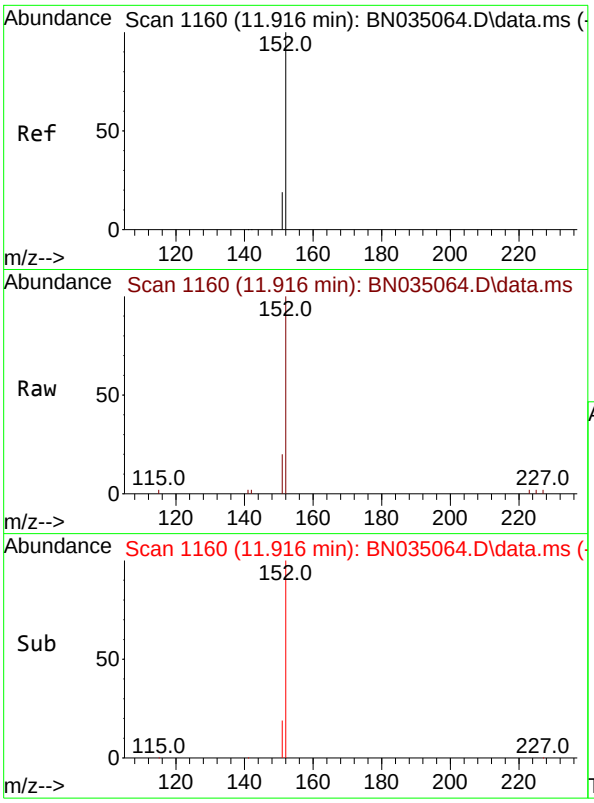


#10
Hexachlorobutadiene
Concen: 0.383 ng
RT: 10.661 min Scan# 972
Delta R.T. 0.000 min
Lab File: BN035064.D
Acq: 13 Nov 2024 13:52

Tgt Ion:225 Resp: 2010

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.4	51.5	77.3



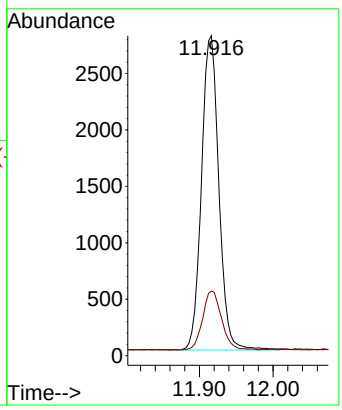


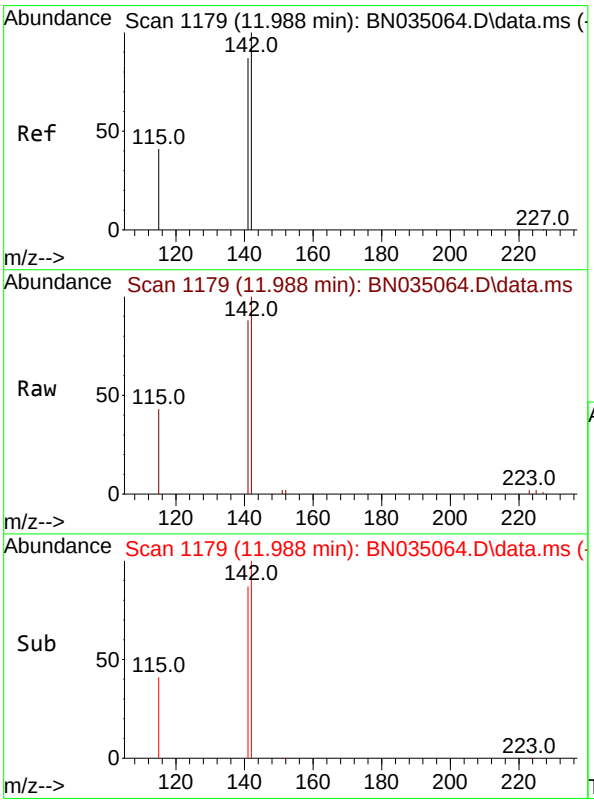
#11
2-Methylnaphthalene-d10
Concen: 0.373 ng
RT: 11.916 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN035064.D
Acq: 13 Nov 2024 13:52

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 4559

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4

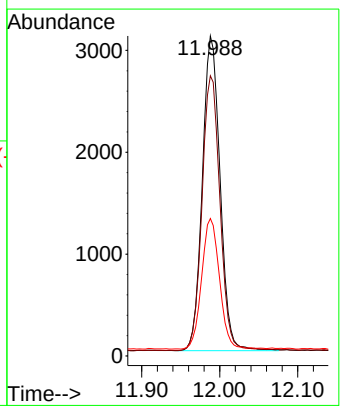


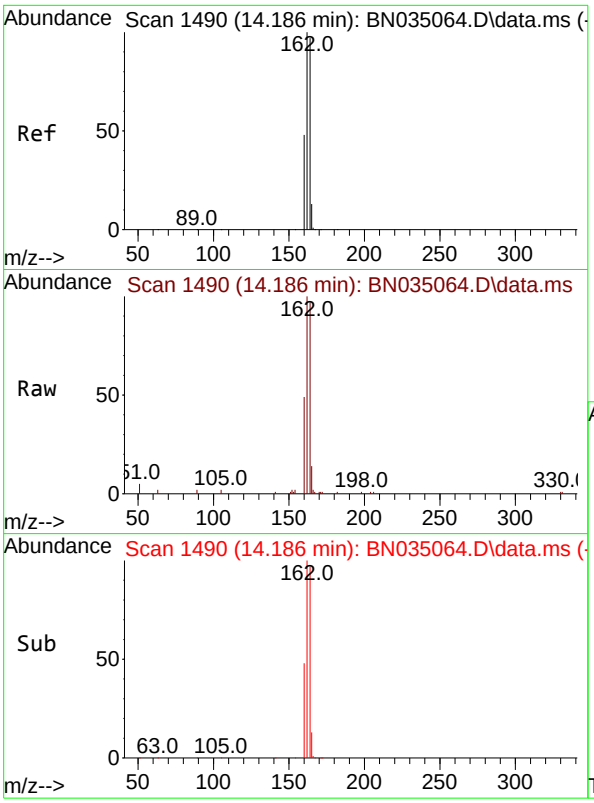


#12
2-Methylnaphthalene
Concen: 0.369 ng
RT: 11.988 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BN035064.D
Acq: 13 Nov 2024 13:52

Tgt Ion:142 Resp: 4884

Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.1	105.1
115	43.0	34.4	51.6



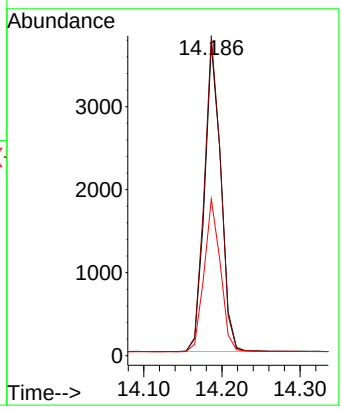


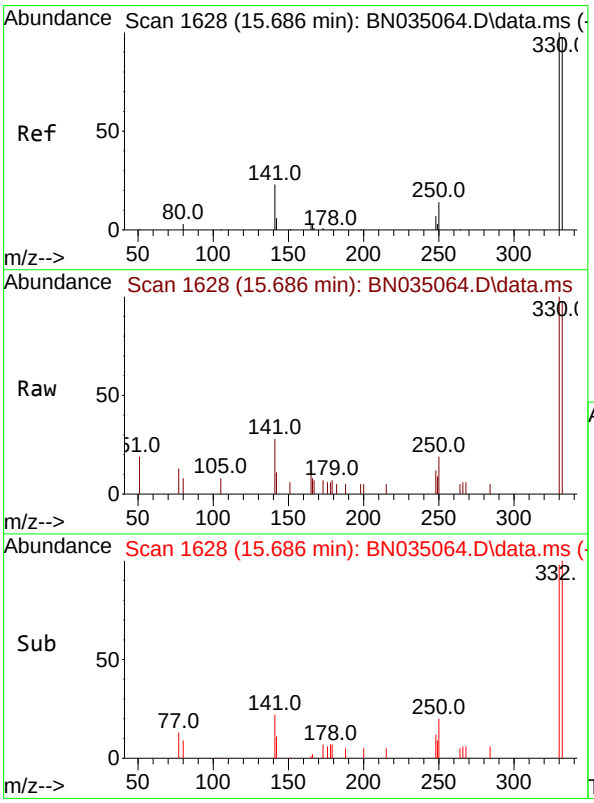
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.186 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN035064.D
Acq: 13 Nov 2024 13:52

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:164 Resp: 5401

Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.2	123.2
160	50.3	40.2	60.4

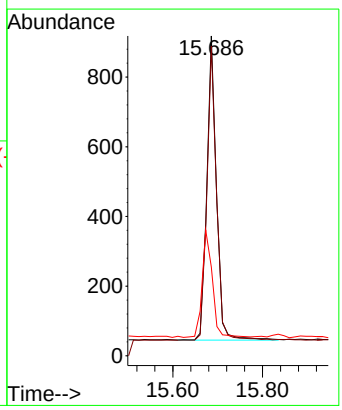


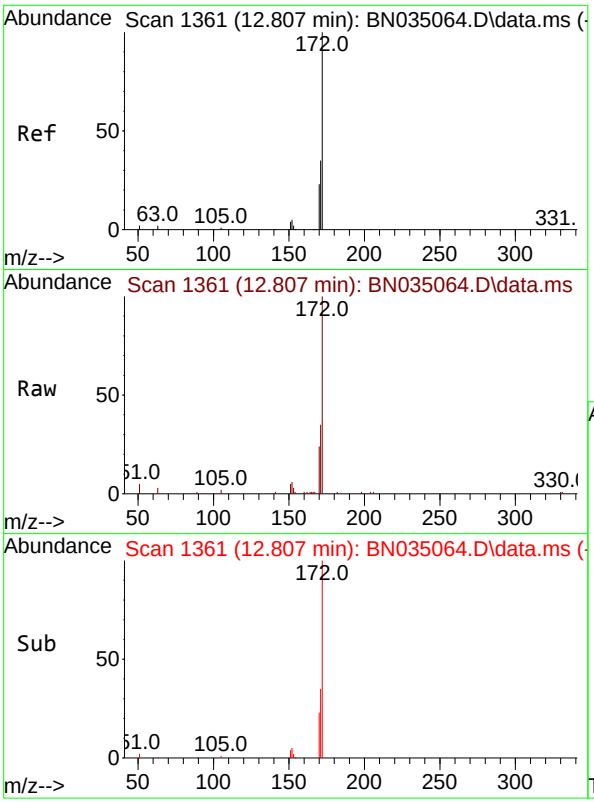


#14
2,4,6-Tribromophenol
Concen: 0.333 ng
RT: 15.686 min Scan# 1628
Delta R.T. 0.000 min
Lab File: BN035064.D
Acq: 13 Nov 2024 13:52

Tgt Ion:330 Resp: 1295

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.9	115.3
141	37.0	29.6	44.4



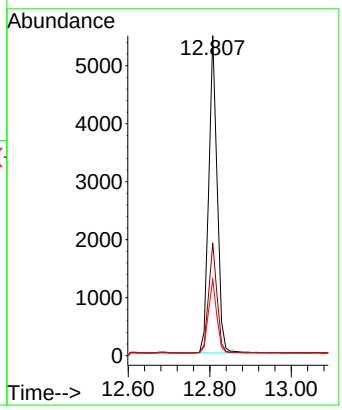


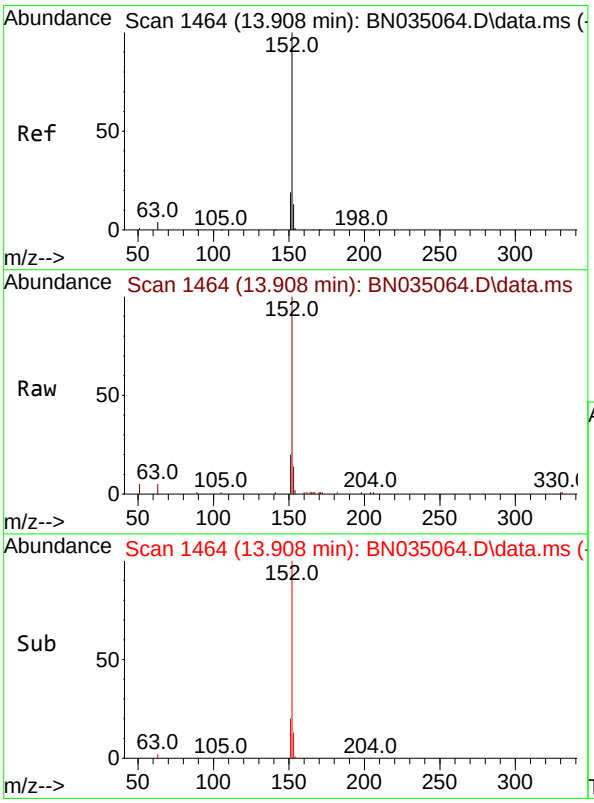
#15
2-Fluorobiphenyl
Concen: 0.360 ng
RT: 12.807 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN035064.D
Acq: 13 Nov 2024 13:52

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:172 Resp: 7888

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.4
170	23.8	19.0	28.6

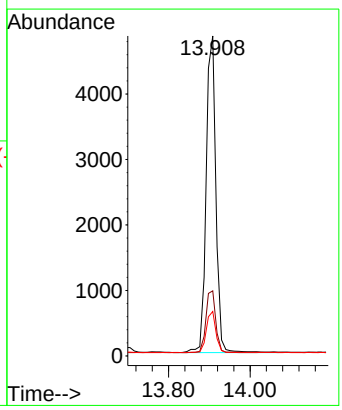


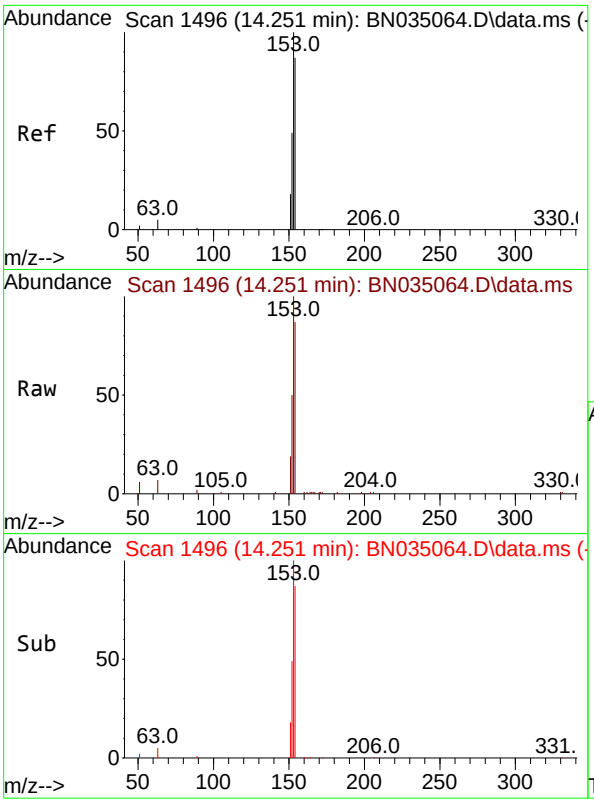


#16
Acenaphthylene
Concen: 0.348 ng
RT: 13.908 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BN035064.D
Acq: 13 Nov 2024 13:52

Tgt Ion:152 Resp: 8034

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.8
153	12.8	10.2	15.4



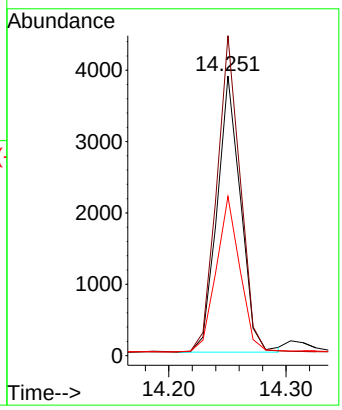


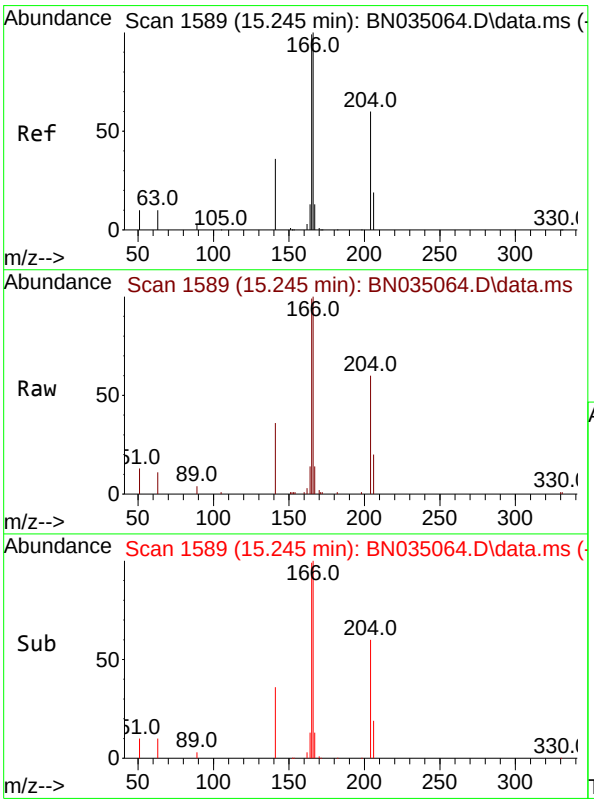
#17
Acenaphthene
Concen: 0.357 ng
RT: 14.251 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN035064.D
Acq: 13 Nov 2024 13:52

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:154 Resp: 5401

Ion	Ratio	Lower	Upper
154	100		
153	114.5	91.6	137.4
152	57.2	45.8	68.6

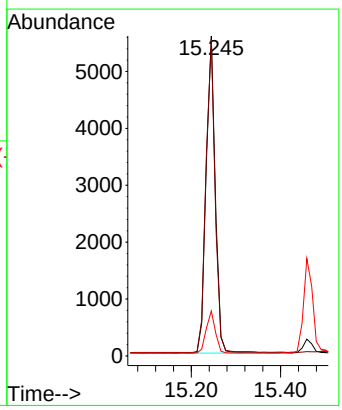


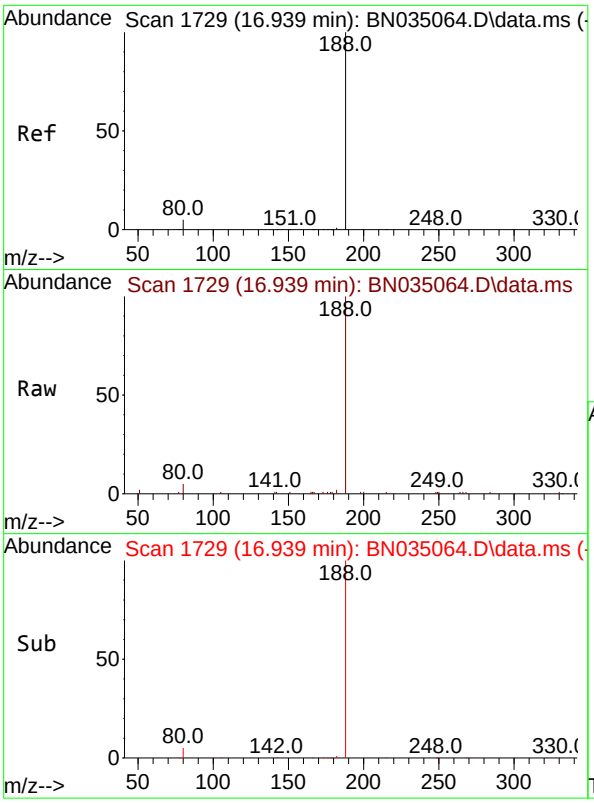


#18
Fluorene
Concen: 0.355 ng
RT: 15.245 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BN035064.D
Acq: 13 Nov 2024 13:52

Tgt Ion:166 Resp: 7900

Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.1	118.7
167	13.3	10.6	16.0



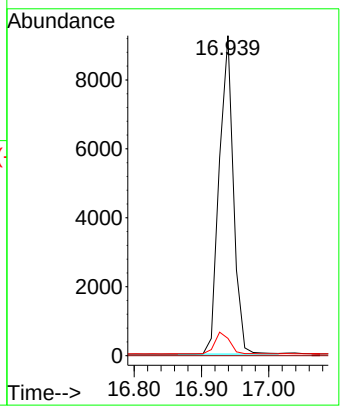


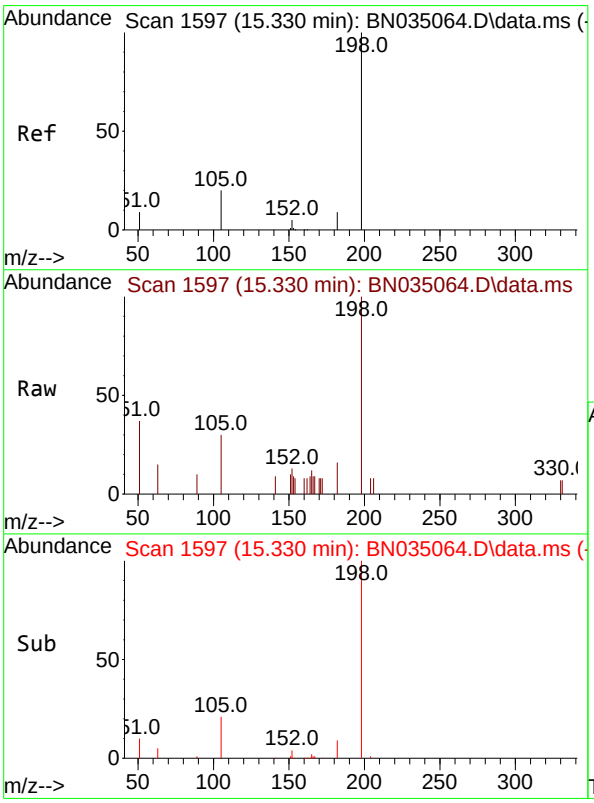
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.939 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN035064.D
Acq: 13 Nov 2024 13:52

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:188 Resp: 13499

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.4	4.3	6.5

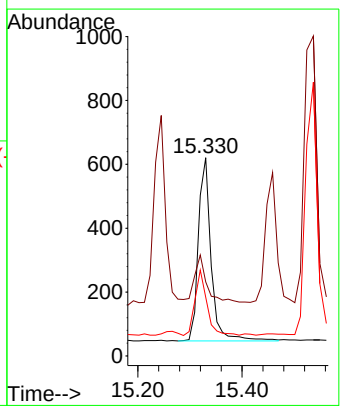


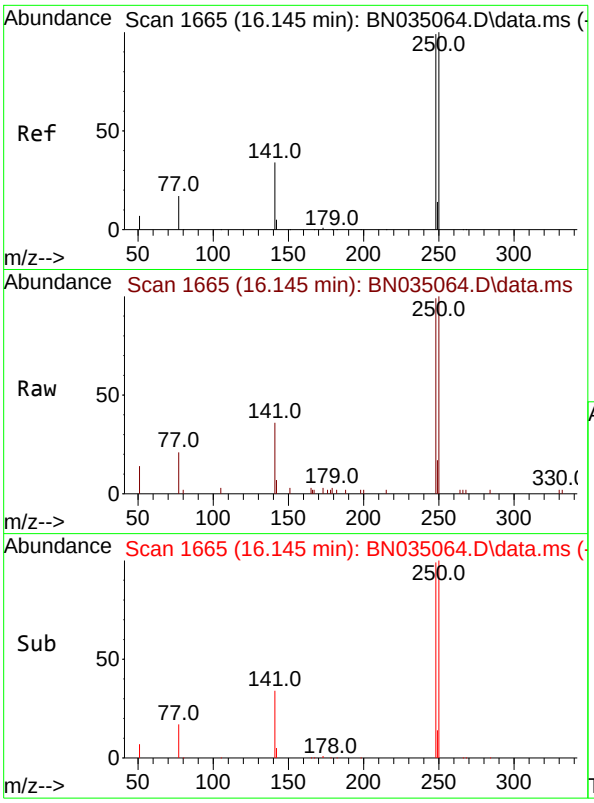


#20
4,6-Dinitro-2-methylphenol
Concen: 0.348 ng
RT: 15.330 min Scan# 1597
Delta R.T. 0.000 min
Lab File: BN035064.D
Acq: 13 Nov 2024 13:52

Tgt Ion:198 Resp: 979

Ion	Ratio	Lower	Upper
198	100		
51	37.4	29.9	44.9
105	29.6	23.7	35.5



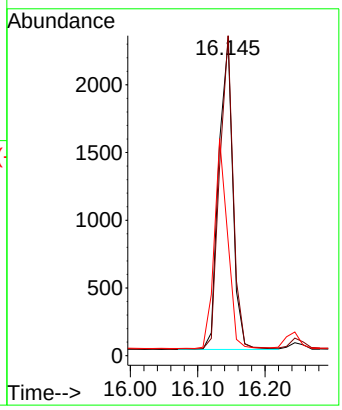


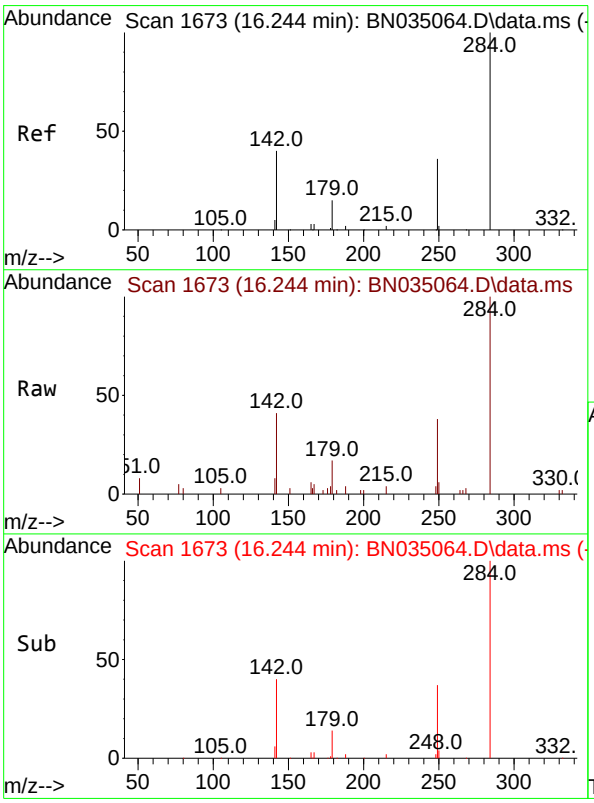
#21
4-Bromophenyl-phenylether
Concen: 0.386 ng
RT: 16.145 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN035064.D
Acq: 13 Nov 2024 13:52

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:248 Resp: 3317

Ion	Ratio	Lower	Upper
248	100		
250	101.5	81.2	121.8
141	36.4	29.1	43.7

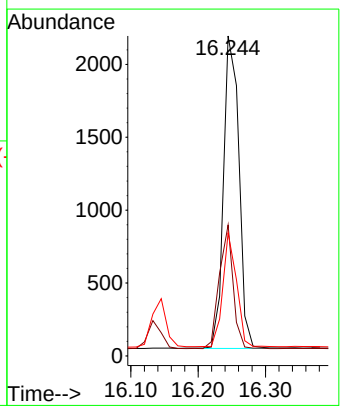


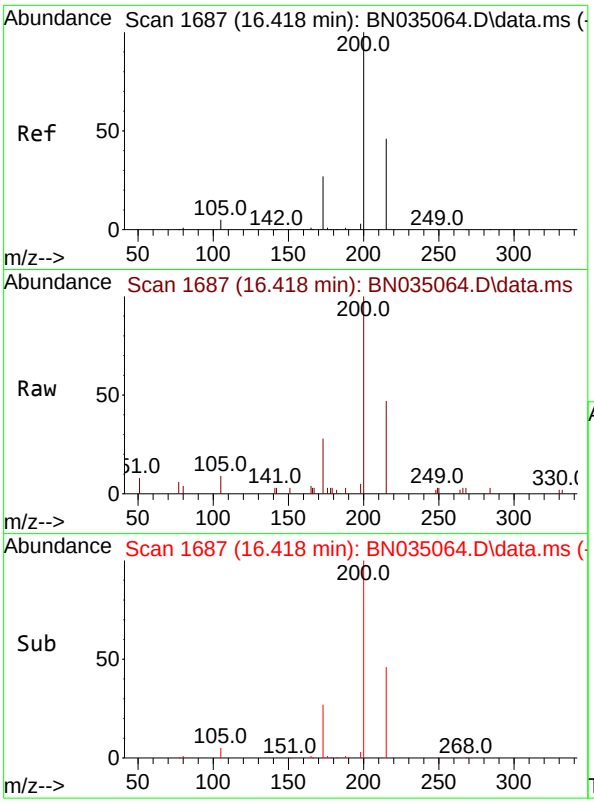


#22
Hexachlorobenzene
Concen: 0.382 ng
RT: 16.244 min Scan# 1673
Delta R.T. 0.000 min
Lab File: BN035064.D
Acq: 13 Nov 2024 13:52

Tgt Ion:284 Resp: 3412

Ion	Ratio	Lower	Upper
284	100		
142	35.3	28.2	42.4
249	32.7	26.2	39.2



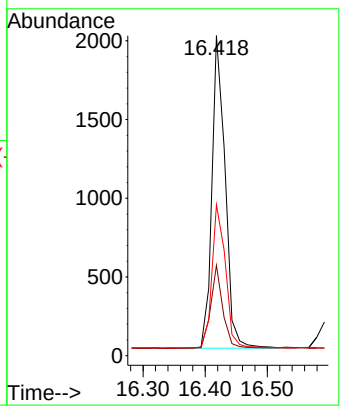


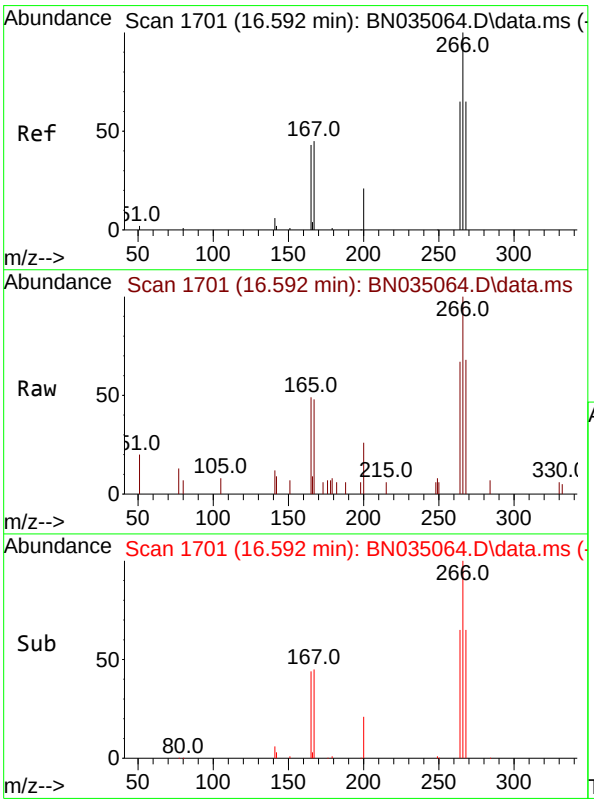
#23
Atrazine
Concen: 0.379 ng
RT: 16.418 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN035064.D
Acq: 13 Nov 2024 13:52

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:200 Resp: 2925

Ion	Ratio	Lower	Upper
200	100		
173	28.2	22.6	33.8
215	47.2	37.8	56.6

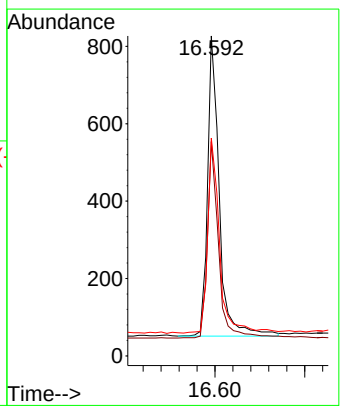


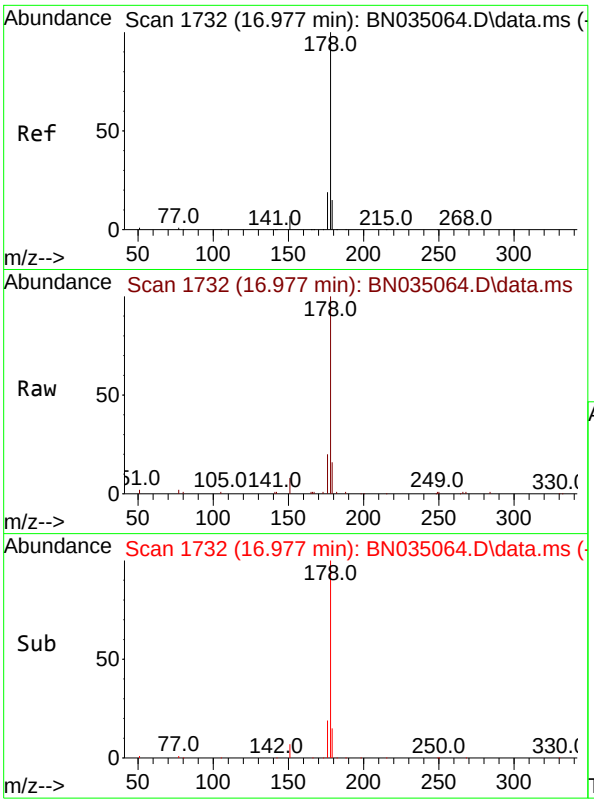


#24
Pentachlorophenol
Concen: 0.336 ng
RT: 16.592 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BN035064.D
Acq: 13 Nov 2024 13:52

Tgt Ion:266 Resp: 1402

Ion	Ratio	Lower	Upper
266	100		
264	61.7	49.4	74.0
268	65.8	52.6	79.0



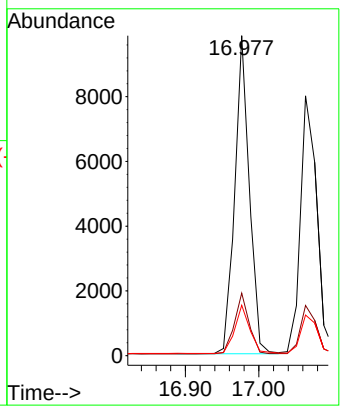


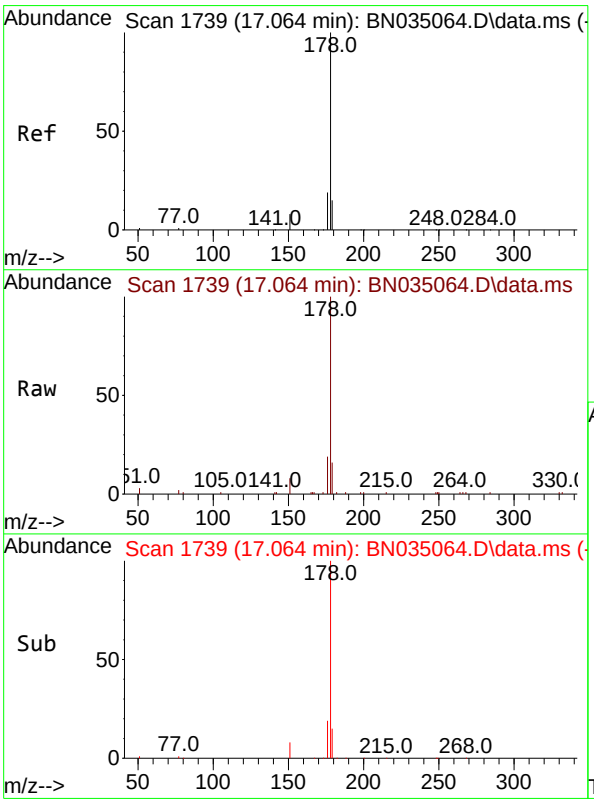
#25
Phenanthrene
Concen: 0.382 ng
RT: 16.977 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN035064.D
Acq: 13 Nov 2024 13:52

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:178 Resp: 13558

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.7	12.6	18.8

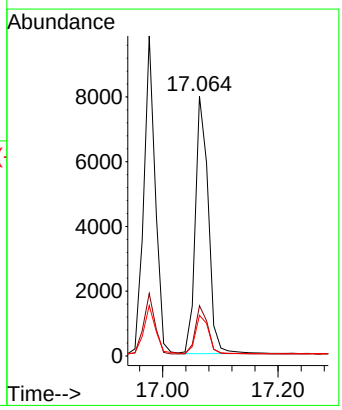


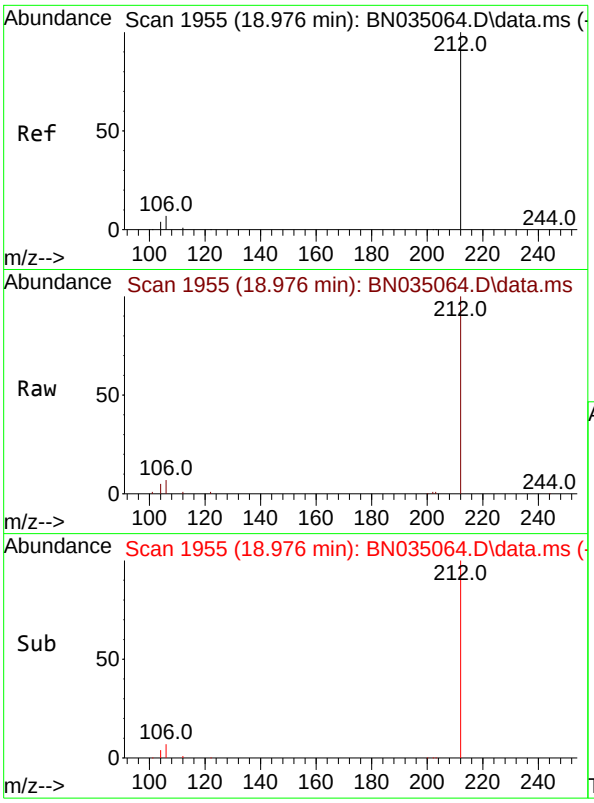


#26
Anthracene
Concen: 0.381 ng
RT: 17.064 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BN035064.D
Acq: 13 Nov 2024 13:52

Tgt Ion:178 Resp: 12422

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	22.0
179	15.2	12.2	18.2



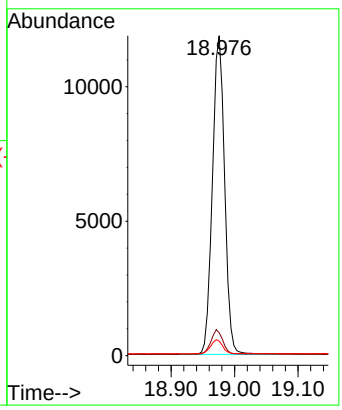


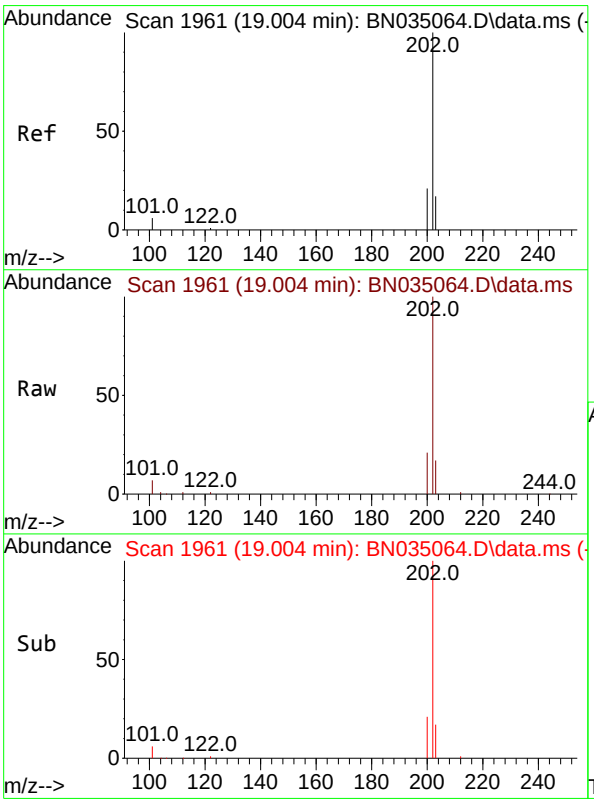
#27
Fluoranthene-d10
Concen: 0.382 ng
RT: 18.976 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN035064.D
Acq: 13 Nov 2024 13:52

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:212 Resp: 15786

Ion	Ratio	Lower	Upper
212	100		
106	7.5	6.0	9.0
104	4.4	3.5	5.3

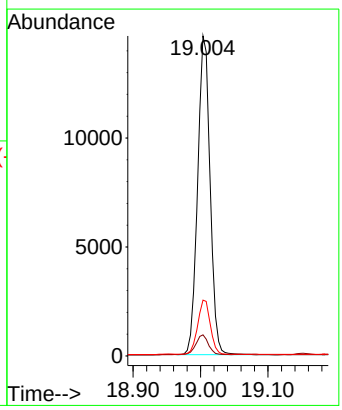


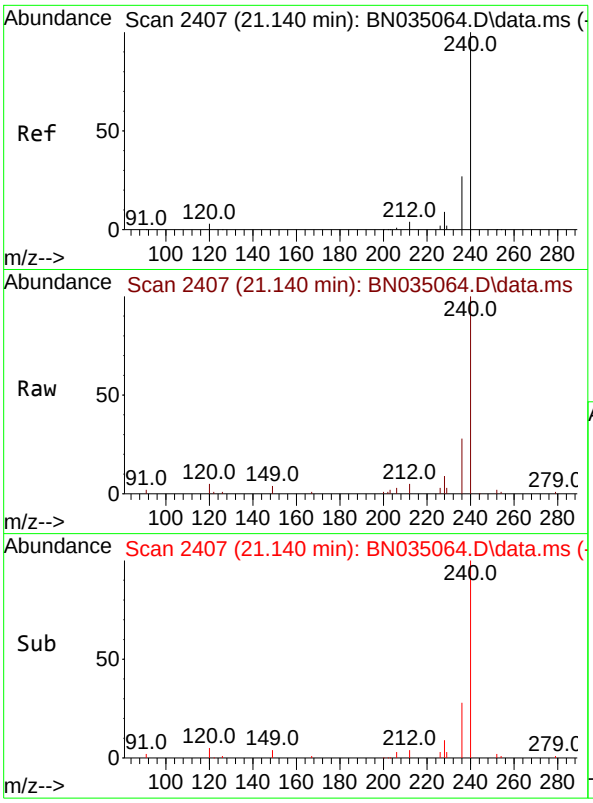


#28
Fluoranthene
Concen: 0.383 ng
RT: 19.004 min Scan# 1961
Delta R.T. 0.000 min
Lab File: BN035064.D
Acq: 13 Nov 2024 13:52

Tgt Ion:202 Resp: 18716

Ion	Ratio	Lower	Upper
202	100		
101	6.5	5.2	7.8
203	17.3	13.8	20.8



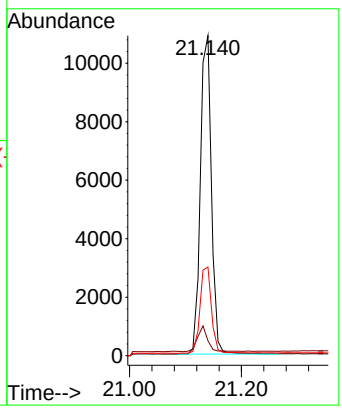


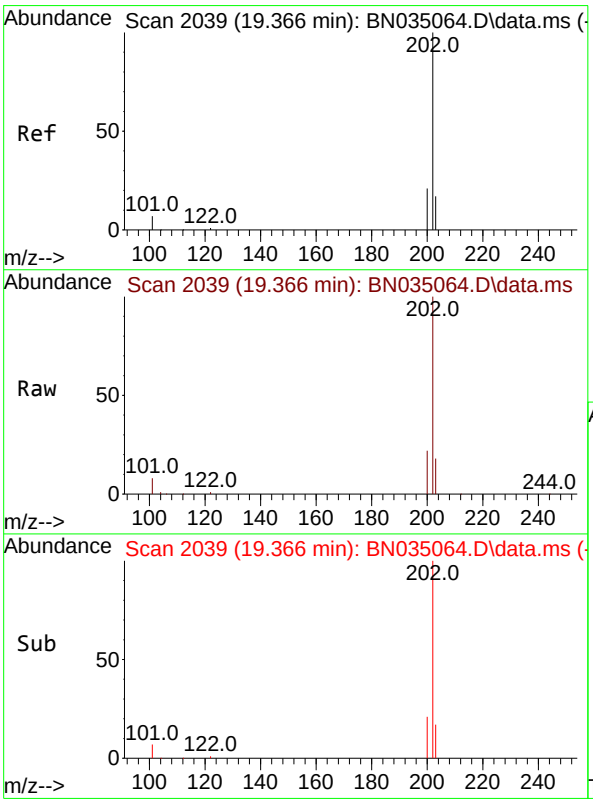
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.140 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN035064.D
Acq: 13 Nov 2024 13:52

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:240 Resp: 14946

Ion	Ratio	Lower	Upper
240	100		
120	4.7	3.8	5.6
236	27.7	22.2	33.2

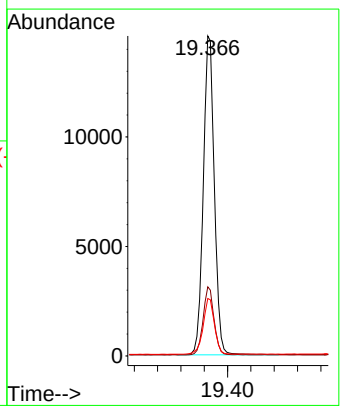


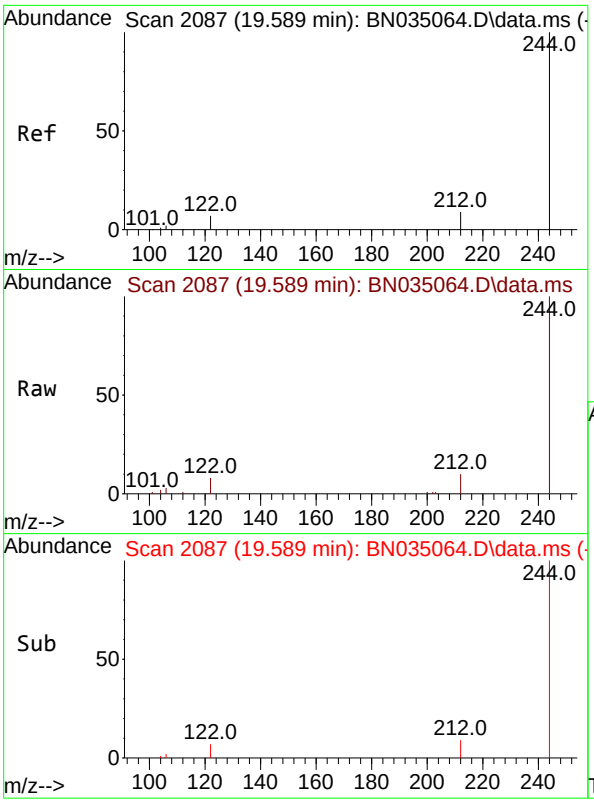


#30
Pyrene
Concen: 0.387 ng
RT: 19.366 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BN035064.D
Acq: 13 Nov 2024 13:52

Tgt Ion:202 Resp: 19252

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	17.8	14.2	21.4



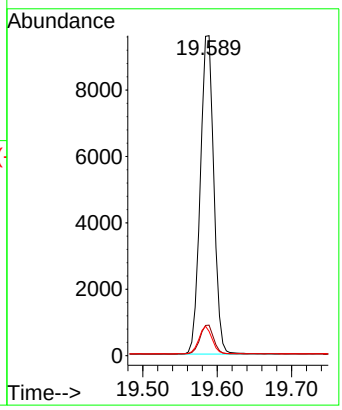


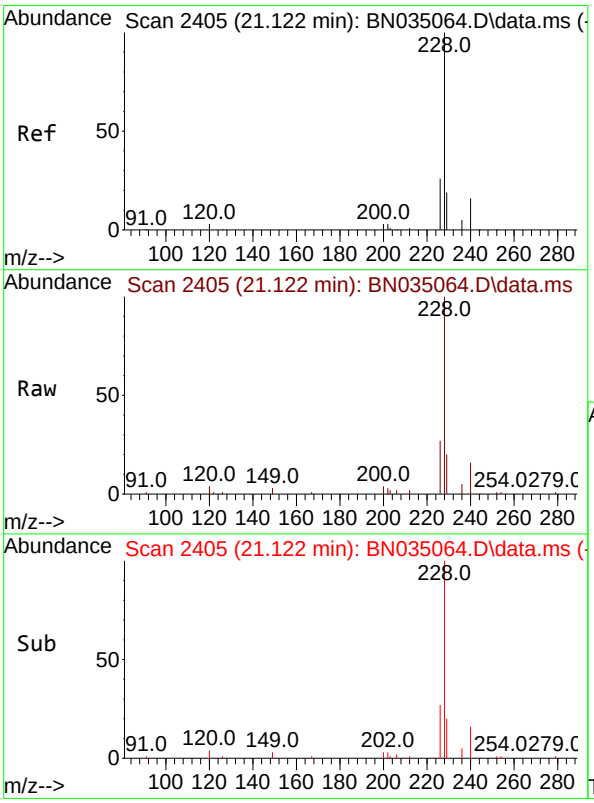
#31
Terphenyl-d14
Concen: 0.386 ng
RT: 19.589 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN035064.D
Acq: 13 Nov 2024 13:52

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:244 Resp: 12101

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.6	11.4
122	7.6	6.1	9.1

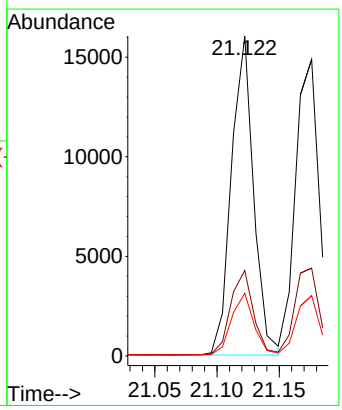


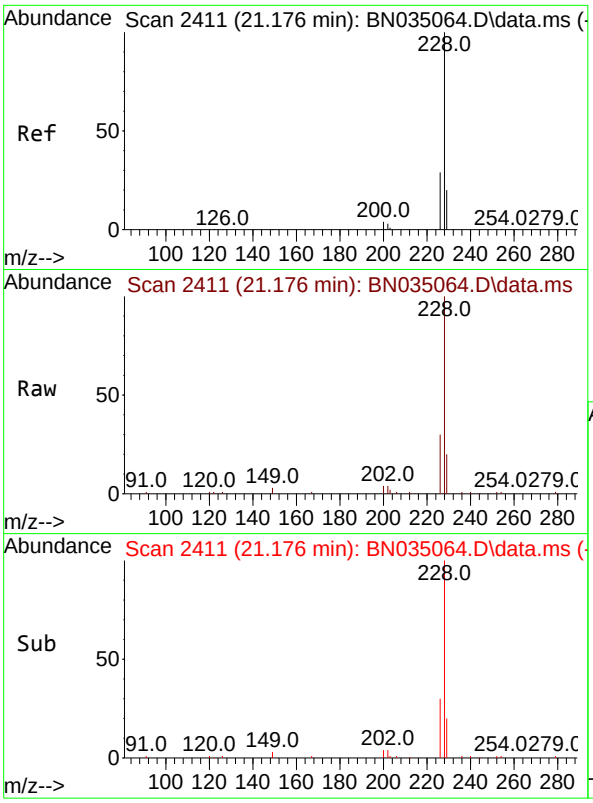


#32
Benzo(a)anthracene
Concen: 0.381 ng
RT: 21.122 min Scan# 2405
Delta R.T. 0.000 min
Lab File: BN035064.D
Acq: 13 Nov 2024 13:52

Tgt Ion:228 Resp: 19844

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.4	32.0
229	19.6	15.7	23.5



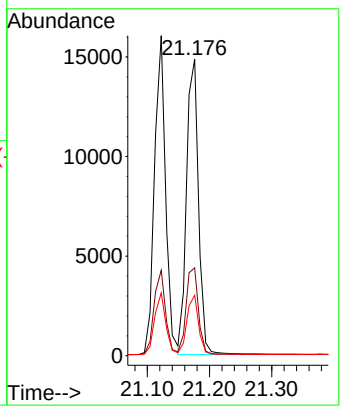


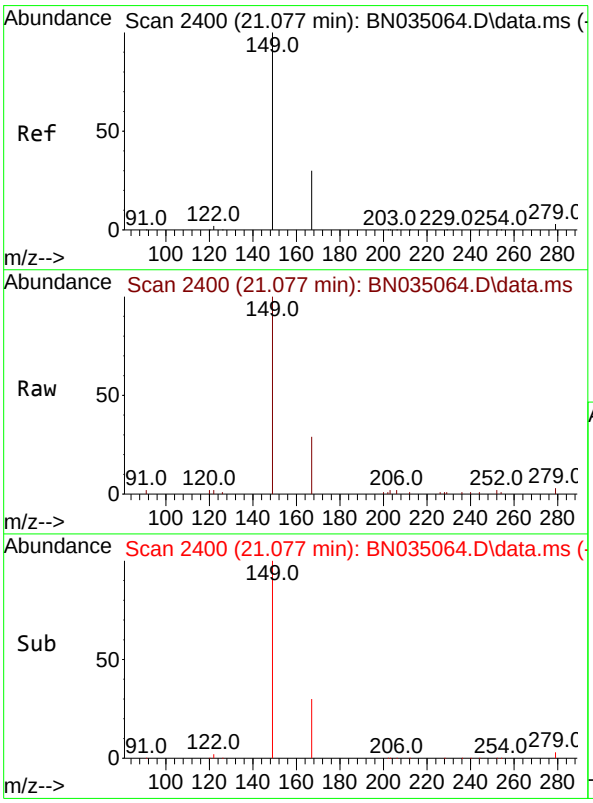
#33
Chrysene
Concen: 0.386 ng
RT: 21.176 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN035064.D
Acq: 13 Nov 2024 13:52

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:228 Resp: 19908

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.7	35.5
229	20.3	16.2	24.4

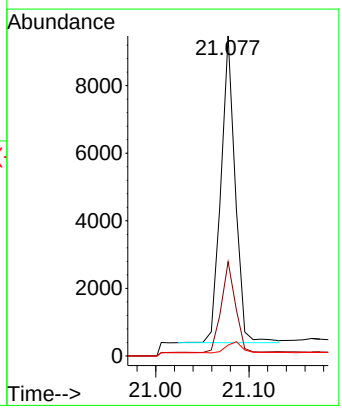


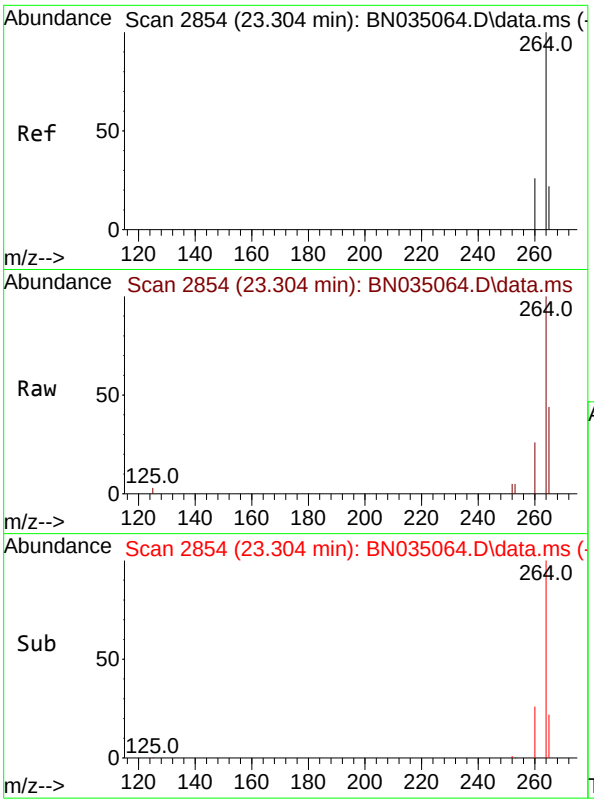


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.357 ng
RT: 21.077 min Scan# 2400
Delta R.T. 0.000 min
Lab File: BN035064.D
Acq: 13 Nov 2024 13:52

Tgt Ion:149 Resp: 9671

Ion	Ratio	Lower	Upper
149	100		
167	29.0	23.2	34.8
279	4.0	3.2	4.8



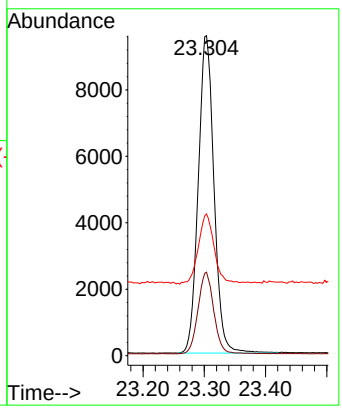


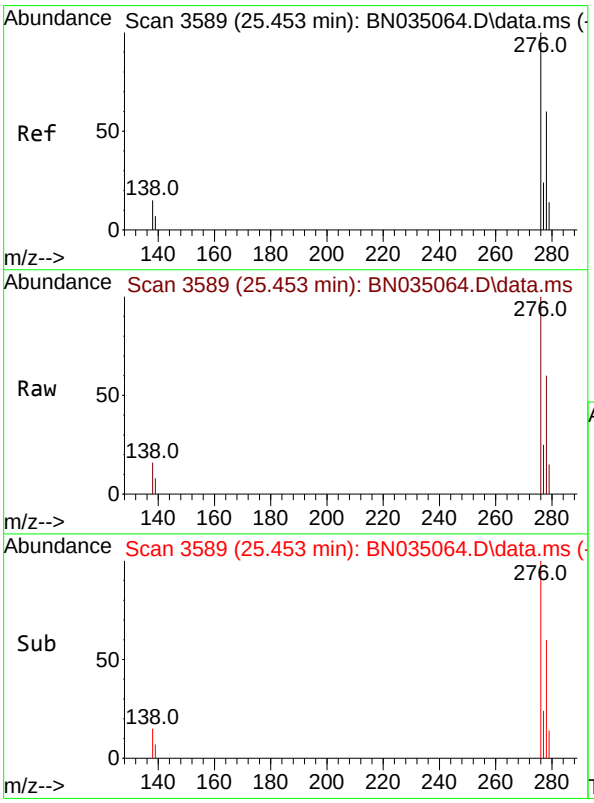
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.304 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN035064.D
Acq: 13 Nov 2024 13:52

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:264 Resp: 17077

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.9	31.3
265	44.3	35.4	53.2

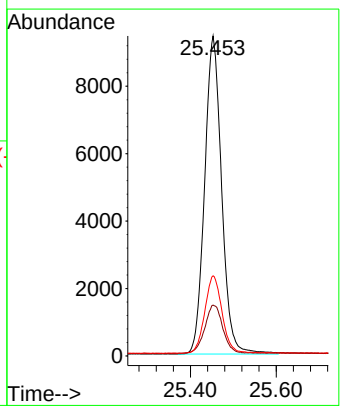


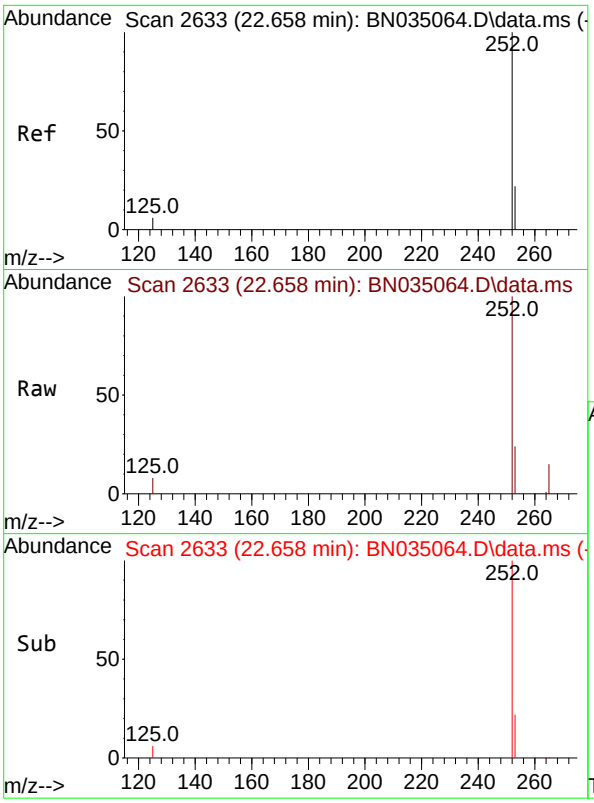


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.381 ng
RT: 25.453 min Scan# 3589
Delta R.T. 0.000 min
Lab File: BN035064.D
Acq: 13 Nov 2024 13:52

Tgt Ion:276 Resp: 25986

Ion	Ratio	Lower	Upper
276	100		
138	16.2	13.0	19.4
277	24.7	19.8	29.6



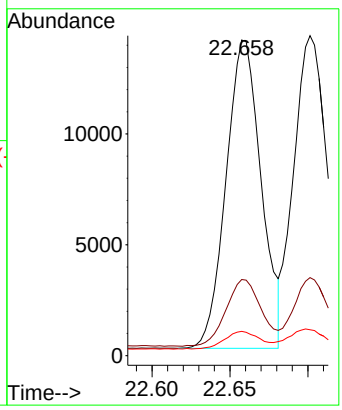


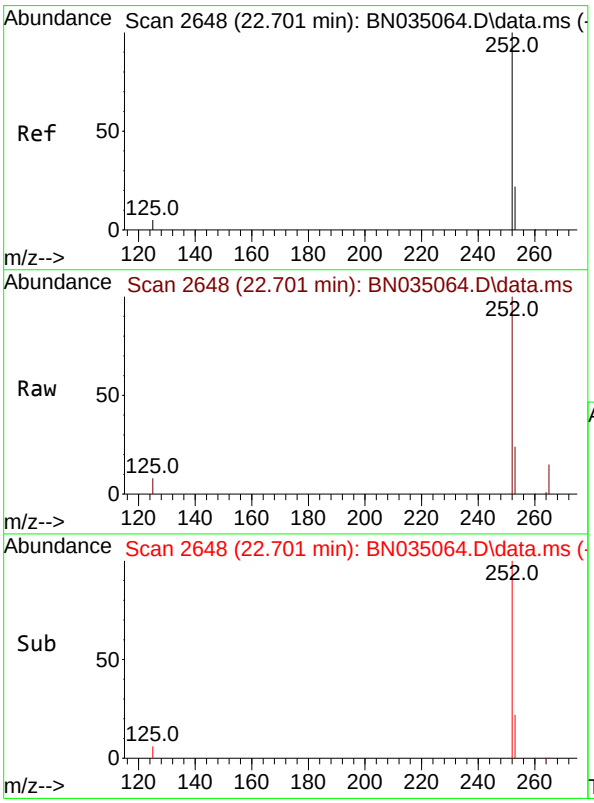
#37
Benzo(b)fluoranthene
Concen: 0.380 ng
RT: 22.658 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN035064.D
Acq: 13 Nov 2024 13:52

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 21843

Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.3	28.9
125	7.7	6.2	9.2

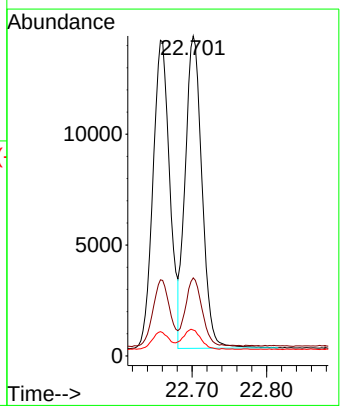


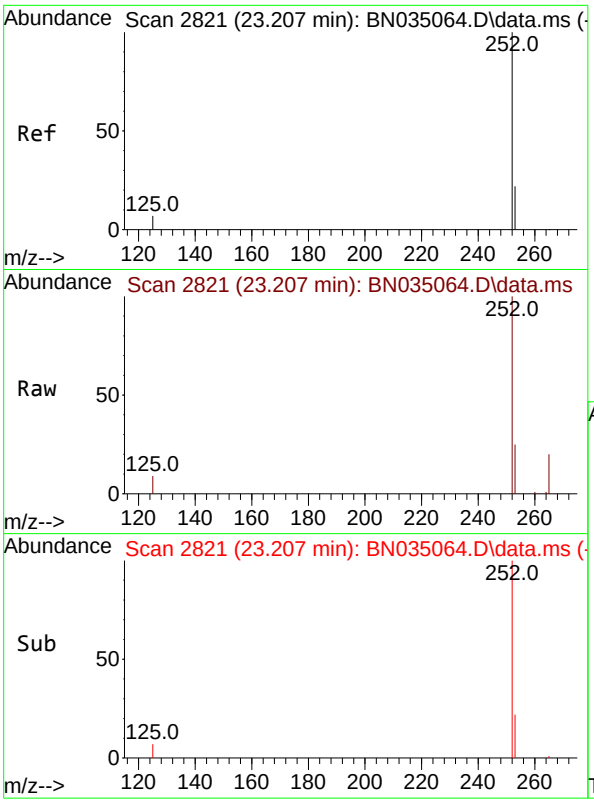


#38
Benzo(k)fluoranthene
Concen: 0.382 ng
RT: 22.701 min Scan# 2648
Delta R.T. 0.000 min
Lab File: BN035064.D
Acq: 13 Nov 2024 13:52

Tgt Ion:252 Resp: 21977

Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.5	29.3
125	8.1	6.5	9.7



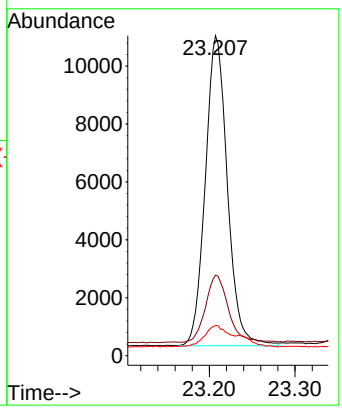


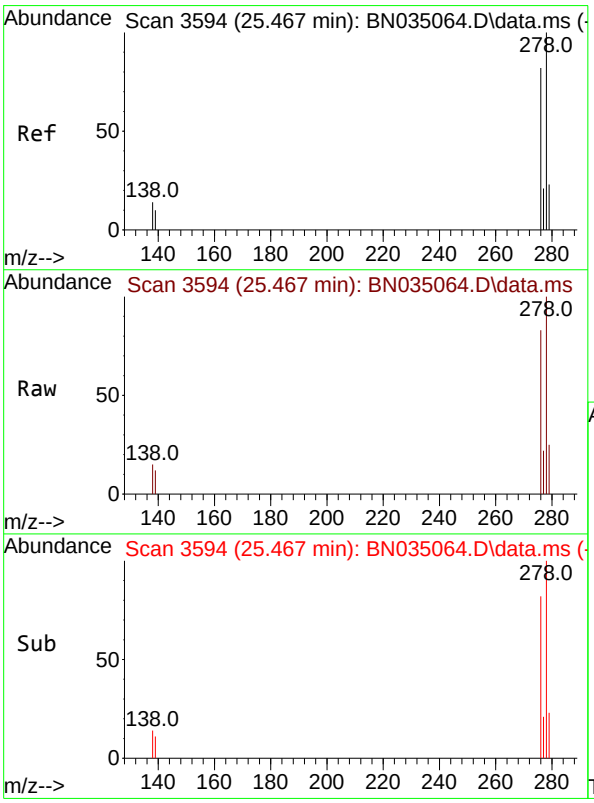
#39
Benzo(a)pyrene
Concen: 0.379 ng
RT: 23.207 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN035064.D
Acq: 13 Nov 2024 13:52

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 19170

Ion	Ratio	Lower	Upper
252	100		
253	25.1	20.1	30.1
125	9.4	7.5	11.3

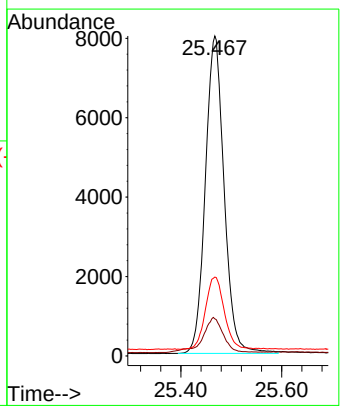


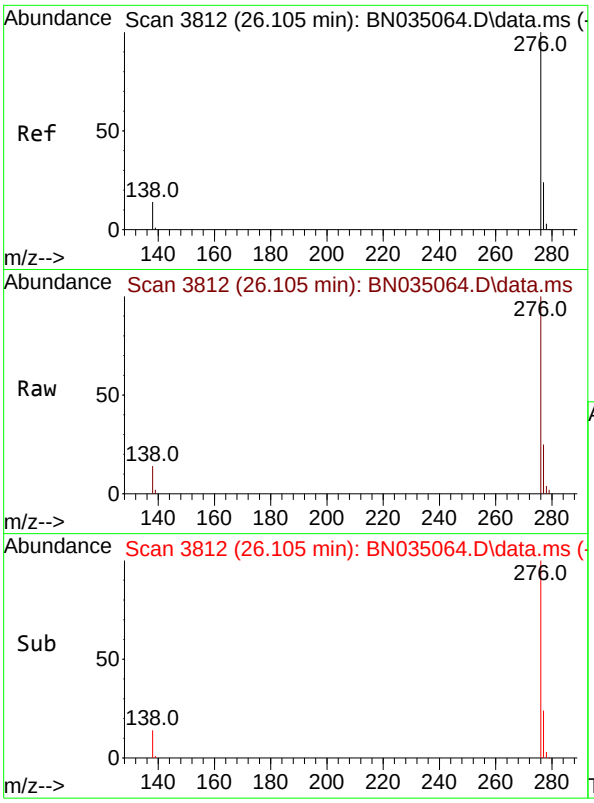


#40
Dibenzo(a,h)anthracene
Concen: 0.383 ng
RT: 25.467 min Scan# 3594
Delta R.T. 0.000 min
Lab File: BN035064.D
Acq: 13 Nov 2024 13:52

Tgt Ion:278 Resp: 20655

Ion	Ratio	Lower	Upper
278	100		
139	11.6	9.3	13.9
279	24.6	19.7	29.5





#41
Benzo(g,h,i)perylene
Concen: 0.382 ng
RT: 26.105 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN035064.D
Acq: 13 Nov 2024 13:52

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 21955

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.9	29.9
138	14.5	11.6	17.4