Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102424\
Data File : BN034701.D
Acq On : 24 Oct 2024 21:01
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Oct 25 02:07:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 24 13:17:02 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.712	152	5885	0.400	ng		0.00
7) Naphthalene-d8	10.479	136	17350	0.400	ng		0.00
13) Acenaphthene-d10	14.325	164	8078	0.400	ng		0.00
19) Phenanthrene-d10	17.064	188	14577	0.400	ng	#	0.00
29) Chrysene-d12	21.248	240	8841	0.400	ng		0.00
35) Perylene-d12	23.464	264	8336	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.322	112	6898	0.394	ng		0.00
5) Phenol-d6	6.882	99	9511	0.412	ng		0.00
8) Nitrobenzene-d5	8.845	82	5024	0.345	ng		0.00
11) 2-Methylnaphthalene-d10	12.071	152	8204	0.344	ng		0.00
14) 2,4,6-Tribromophenol	15.810	330	779	0.312	ng		0.00
15) 2-Fluorobiphenyl	12.957	172	11511	0.359	ng		0.00
27) Fluoranthene-d10	19.092	212	11190	0.341	ng		0.00
31) Terphenyl-d14	19.700	244	6100	0.338	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.285	88	2877	0.367	ng		98
3) n-Nitrosodimethylamine	3.581	42	4327	0.380	ng	#	93
6) bis(2-Chloroethyl)ether	7.142	93	6834	0.365	ng		98
9) Naphthalene	10.532	128	17319	0.361	ng		100
10) Hexachlorobutadiene	10.831	225	2605	0.362	ng	#	100
12) 2-Methylnaphthalene	12.143	142	10362	0.348	ng		98
16) Acenaphthylene	14.047	152	13092	0.337	ng		99
17) Acenaphthene	14.389	154	9042	0.338	ng		98
18) Fluorene	15.373	166	10979	0.333	ng		99
20) 4,6-Dinitro-2-methylph...	15.448	198	621	0.306	ng		92
21) 4-Bromophenyl-phenylether	16.269	248	2820	0.363	ng	#	89
22) Hexachlorobenzene	16.381	284	3143	0.373	ng		98
23) Atrazine	16.542	200	1901	0.311	ng	#	93
24) Pentachlorophenol	16.716	266	1008	0.338	ng		97
25) Phenanthrene	17.101	178	15738	0.359	ng		100
26) Anthracene	17.200	178	13426	0.345	ng		99
28) Fluoranthene	19.124	202	15690	0.343	ng		99
30) Pyrene	19.487	202	15827	0.348	ng		99
32) Benzo(a)anthracene	21.230	228	11854	0.351	ng		99
33) Chrysene	21.283	228	12923	0.370	ng		100
34) Bis(2-ethylhexyl)phtha...	21.194	149	6855	0.358	ng		98
36) Indeno(1,2,3-cd)pyrene	25.692	276	12128	0.378	ng		97
37) Benzo(b)fluoranthene	22.801	252	12003	0.361	ng		98
38) Benzo(k)fluoranthene	22.845	252	11895	0.362	ng		98
39) Benzo(a)pyrene	23.368	252	9650	0.361	ng		97
40) Dibenzo(a,h)anthracene	25.713	278	9542	0.377	ng		97
41) Benzo(g,h,i)perylene	26.365	276	10879	0.390	ng		97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102424\
Data File : BN034701.D
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
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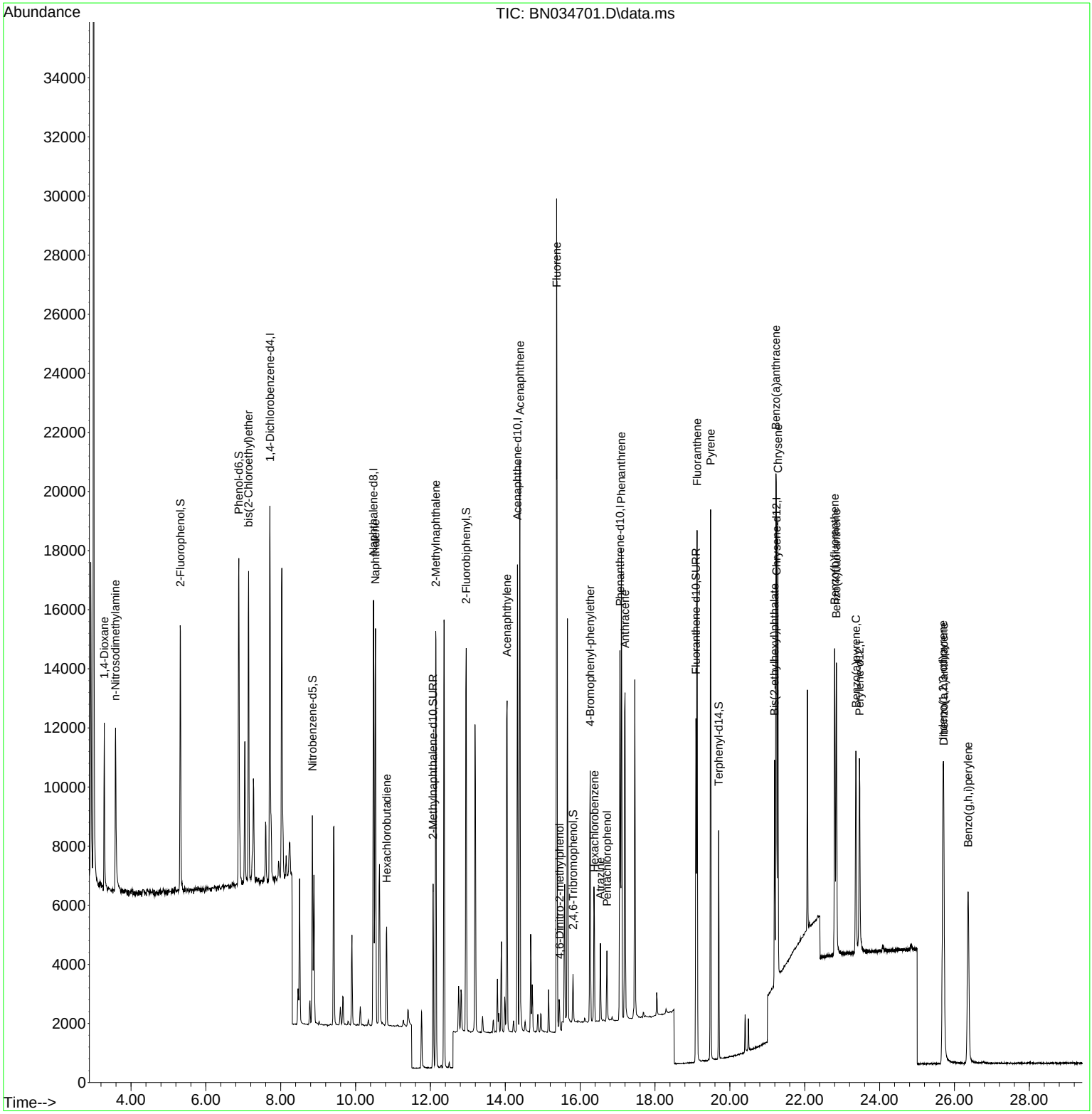
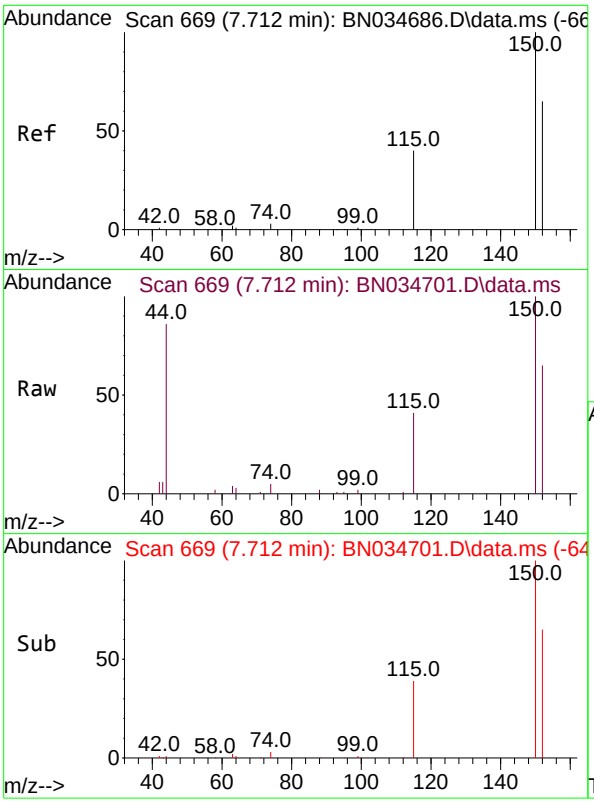
Quant Time: Oct 25 02:07:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 24 13:17:02 2024
Response via : Initial Calibration



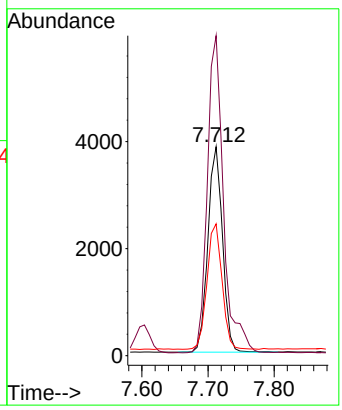


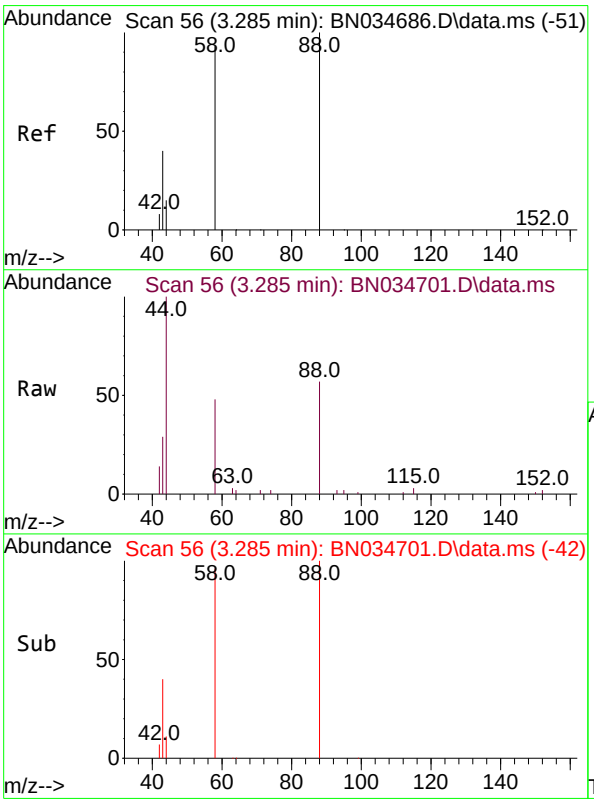
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.712 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN034701.D
Acq: 24 Oct 2024 21:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 5885

Ion	Ratio	Lower	Upper
152	100		
150	153.2	122.7	184.1
115	63.1	51.0	76.6

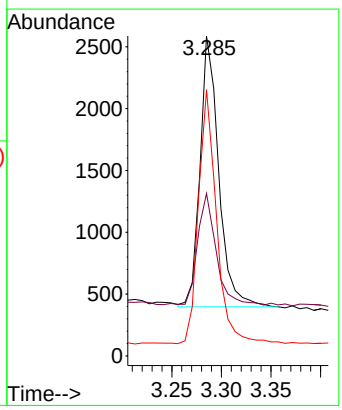


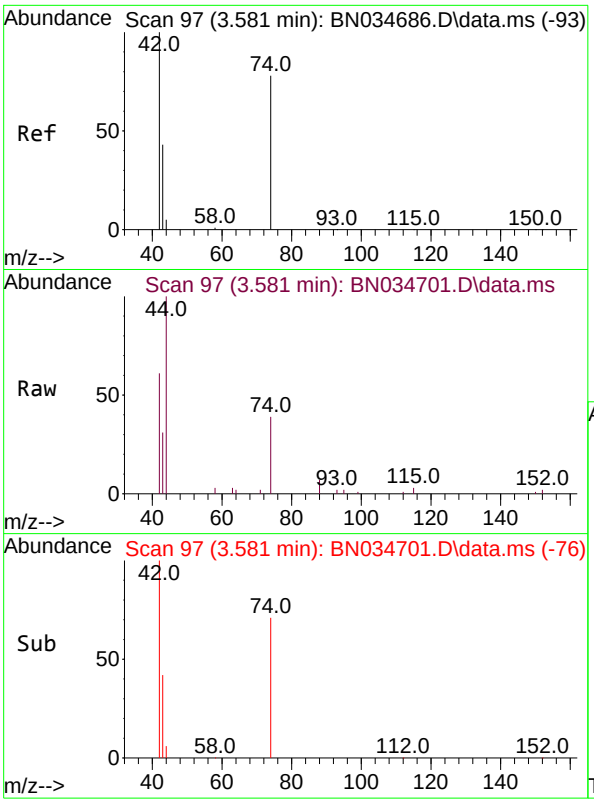


#2
1,4-Dioxane
Concen: 0.367 ng
RT: 3.285 min Scan# 56
Delta R.T. 0.000 min
Lab File: BN034701.D
Acq: 24 Oct 2024 21:01

Tgt Ion: 88 Resp: 2877

Ion	Ratio	Lower	Upper
88	100		
43	40.9	32.1	48.1
58	89.8	73.7	110.5



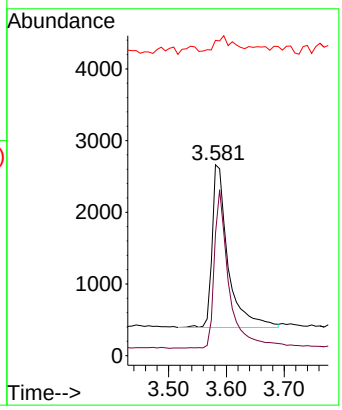


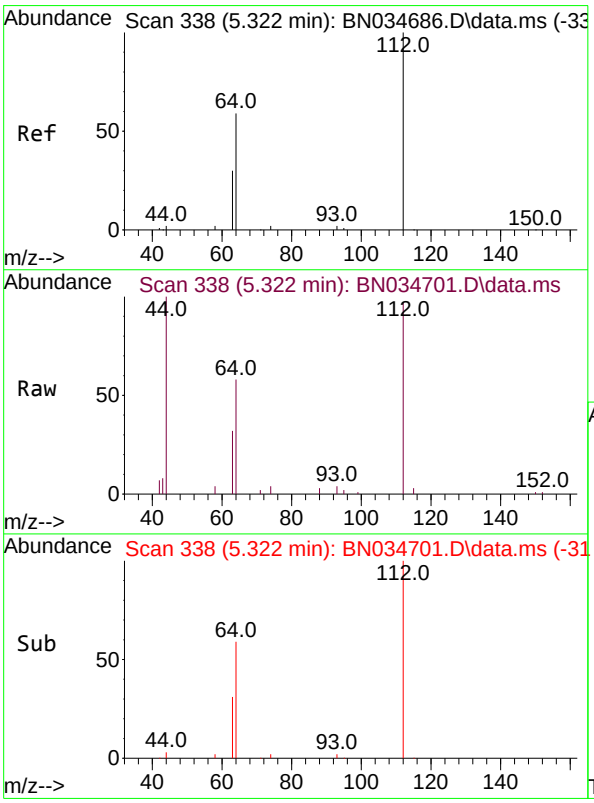
#3
n-Nitrosodimethylamine
Concen: 0.380 ng
RT: 3.581 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN034701.D
Acq: 24 Oct 2024 21:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 4327

Ion	Ratio	Lower	Upper
42	100		
74	91.2	77.2	115.8
44	9.1	13.4	20.2#

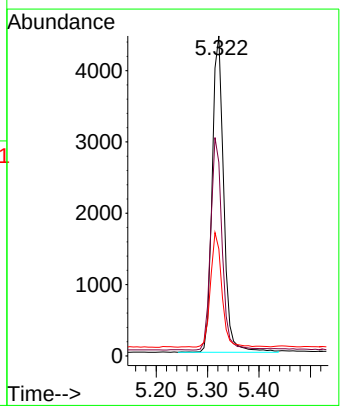


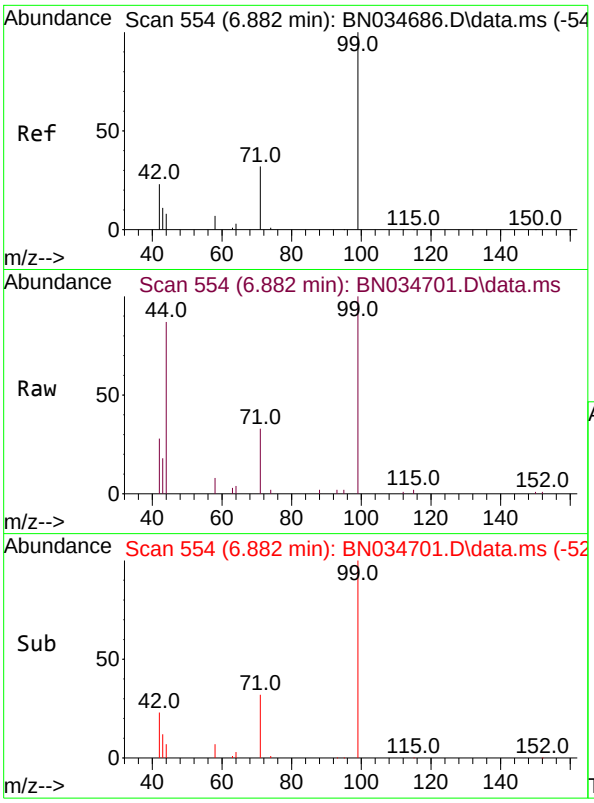


#4
2-Fluorophenol
Concen: 0.394 ng
RT: 5.322 min Scan# 338
Delta R.T. 0.000 min
Lab File: BN034701.D
Acq: 24 Oct 2024 21:01

Tgt Ion:112 Resp: 6898

Ion	Ratio	Lower	Upper
112	100		
64	67.5	53.0	79.6
63	35.6	27.6	41.4



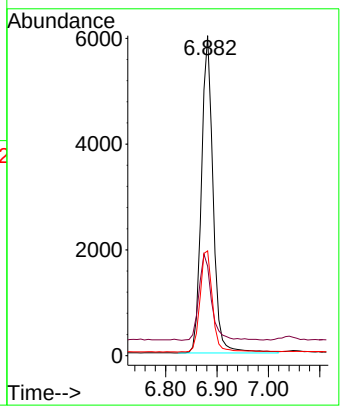


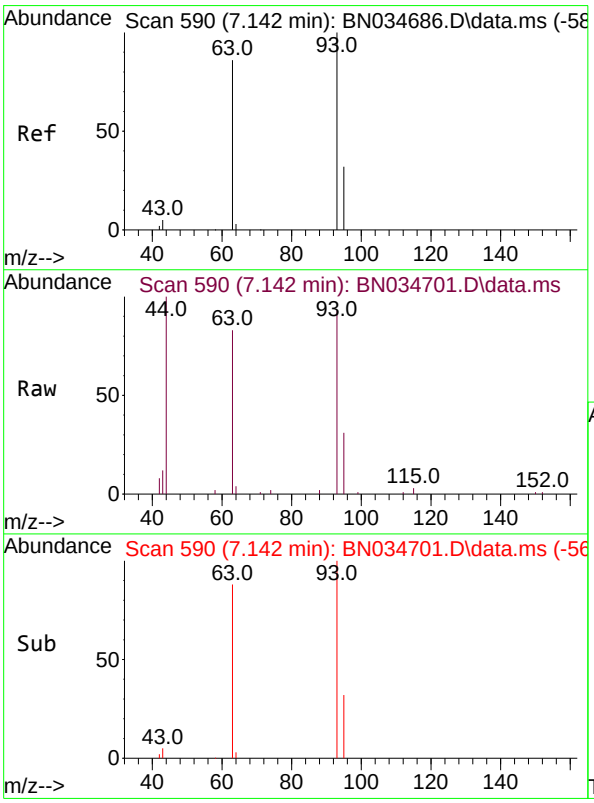
#5
Phenol-d6
Concen: 0.412 ng
RT: 6.882 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN034701.D
Acq: 24 Oct 2024 21:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 9511

Ion	Ratio	Lower	Upper
99	100		
42	29.2	21.8	32.8
71	34.1	26.6	40.0

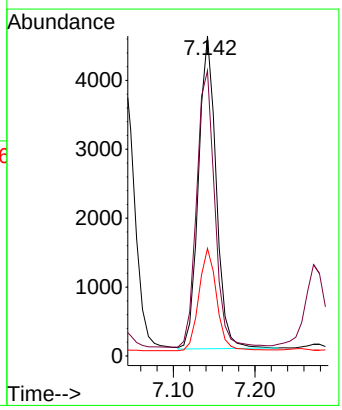


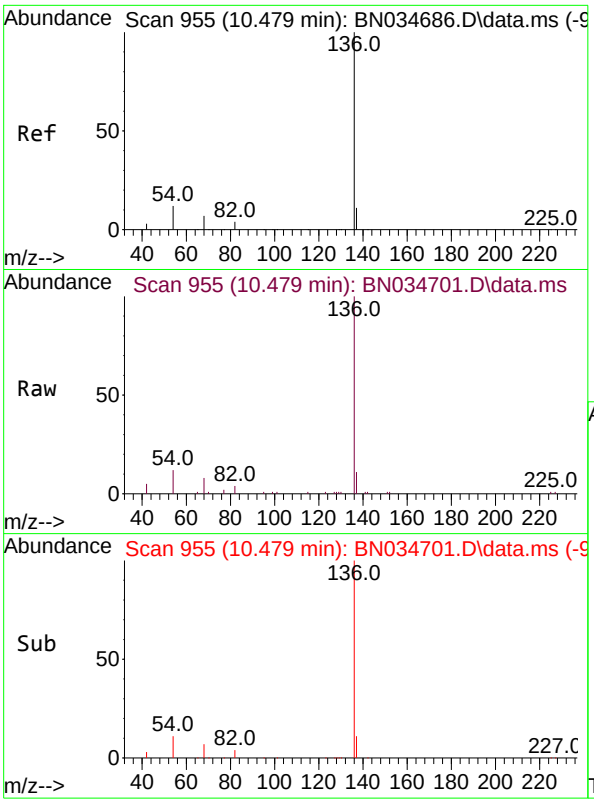


#6
bis(2-Chloroethyl)ether
Concen: 0.365 ng
RT: 7.142 min Scan# 590
Delta R.T. 0.000 min
Lab File: BN034701.D
Acq: 24 Oct 2024 21:01

Tgt Ion: 93 Resp: 6834

Ion	Ratio	Lower	Upper
93	100		
63	90.8	71.5	107.3
95	33.1	25.8	38.6



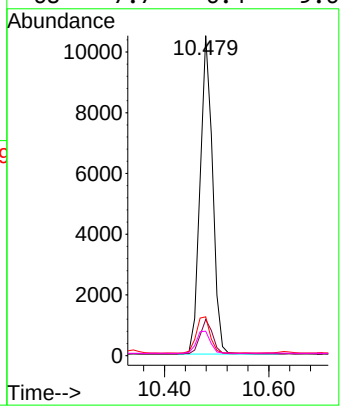


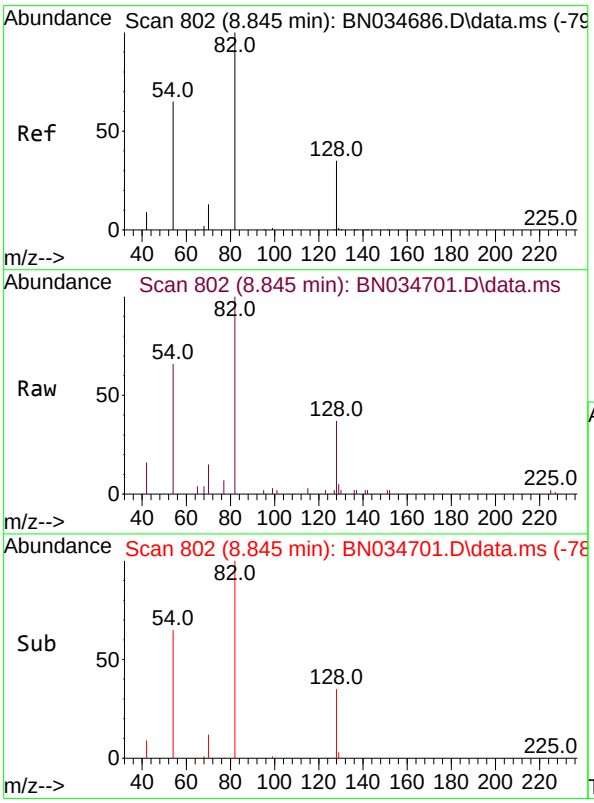
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.479 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN034701.D
Acq: 24 Oct 2024 21:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 17350

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	12.1	9.8	14.8
68	7.7	6.4	9.6

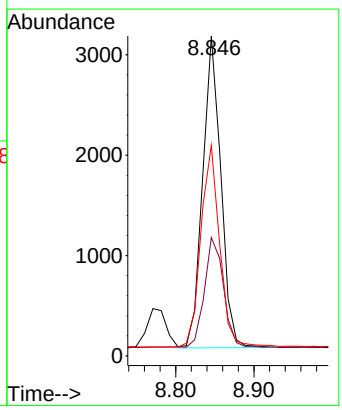


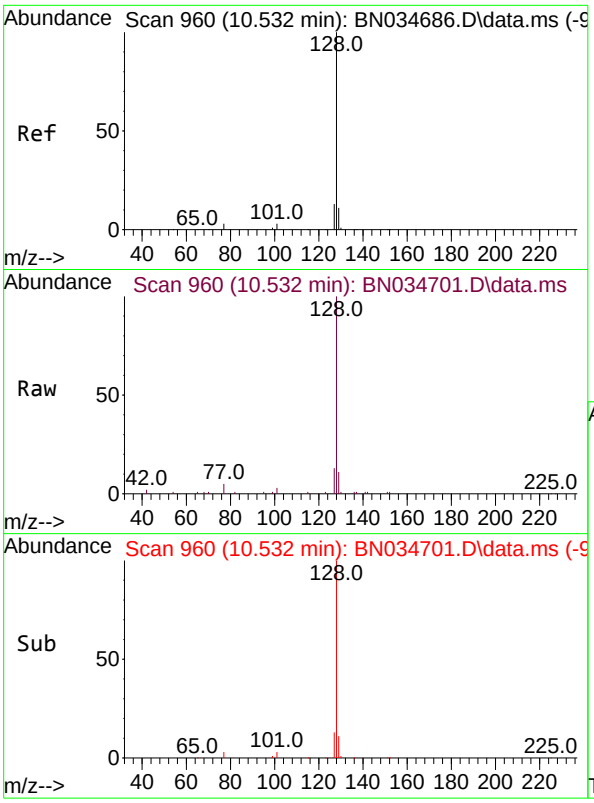


#8
Nitrobenzene-d5
Concen: 0.345 ng
RT: 8.845 min Scan# 802
Delta R.T. 0.000 min
Lab File: BN034701.D
Acq: 24 Oct 2024 21:01

Tgt Ion: 82 Resp: 5024

Ion	Ratio	Lower	Upper
82	100		
128	37.0	29.7	44.5
54	65.8	53.0	79.6



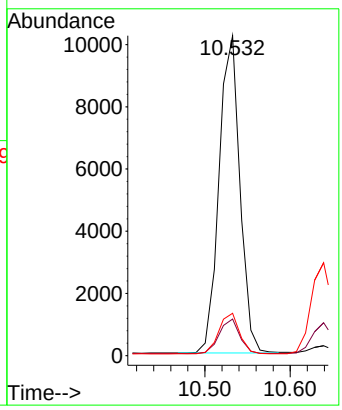


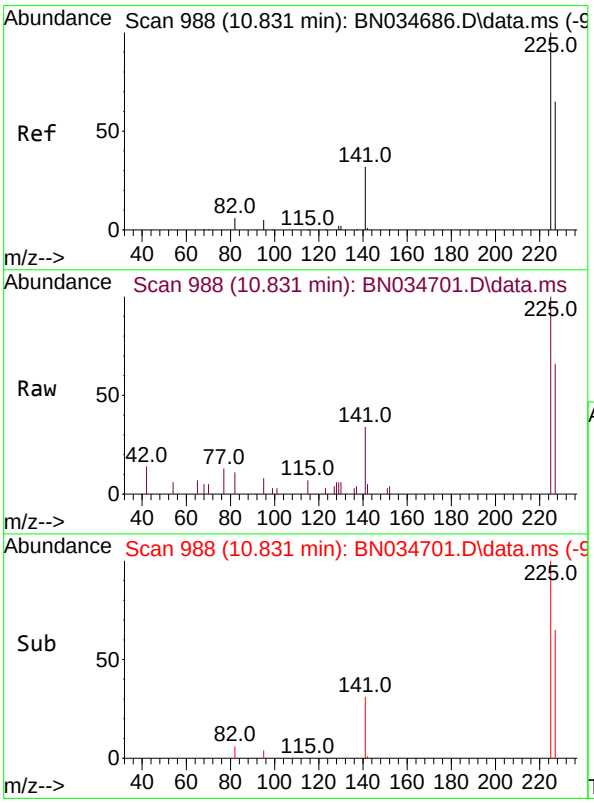
#9
Naphthalene
Concen: 0.361 ng
RT: 10.532 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN034701.D
Acq: 24 Oct 2024 21:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 17319

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.6
127	13.2	10.5	15.7

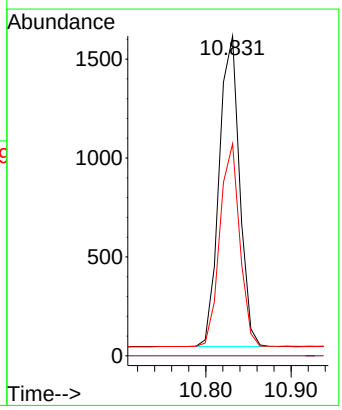


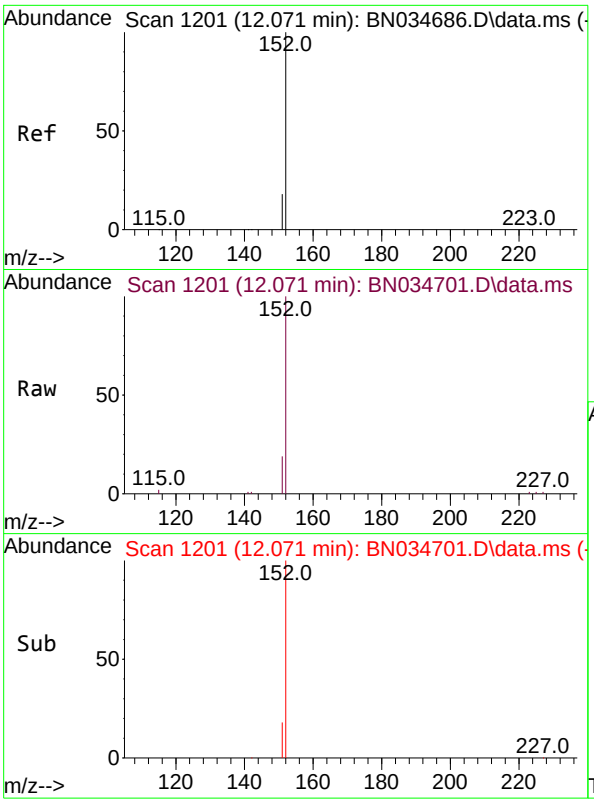


#10
Hexachlorobutadiene
Concen: 0.362 ng
RT: 10.831 min Scan# 988
Delta R.T. 0.000 min
Lab File: BN034701.D
Acq: 24 Oct 2024 21:01

Tgt Ion:225 Resp: 2605

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	51.4	77.0



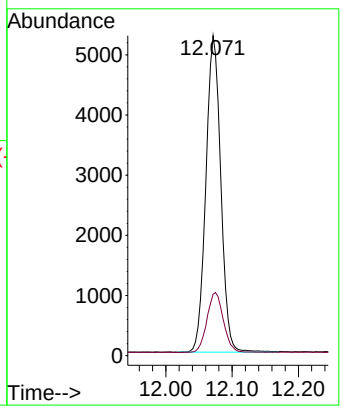


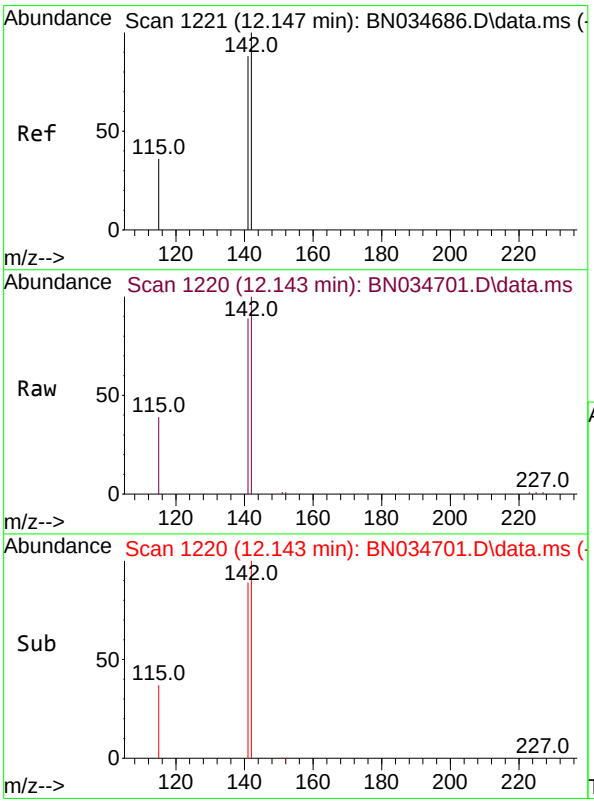
#11
2-Methylnaphthalene-d10
Concen: 0.344 ng
RT: 12.071 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN034701.D
Acq: 24 Oct 2024 21:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 8204

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.7	25.1

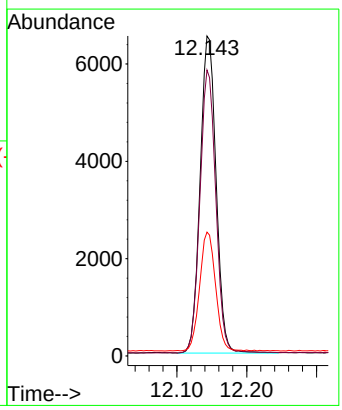


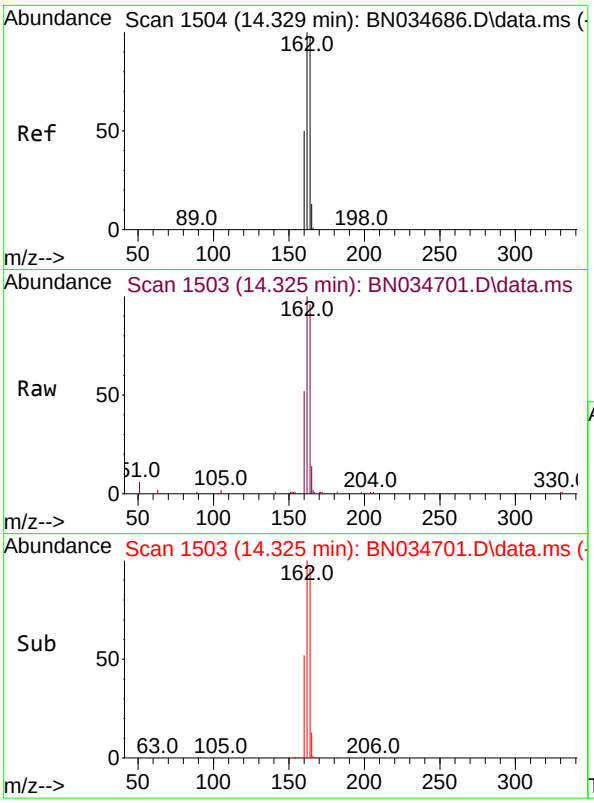


#12
2-Methylnaphthalene
Concen: 0.348 ng
RT: 12.143 min Scan# 1220
Delta R.T. -0.004 min
Lab File: BN034701.D
Acq: 24 Oct 2024 21:01

Tgt Ion:142 Resp: 10362

Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.4	105.6
115	38.7	29.8	44.6



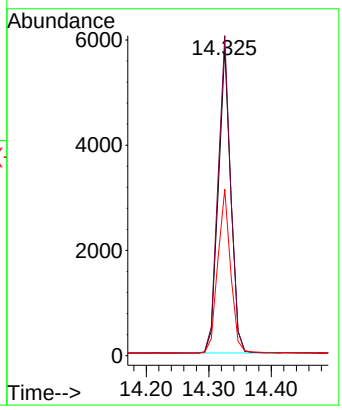


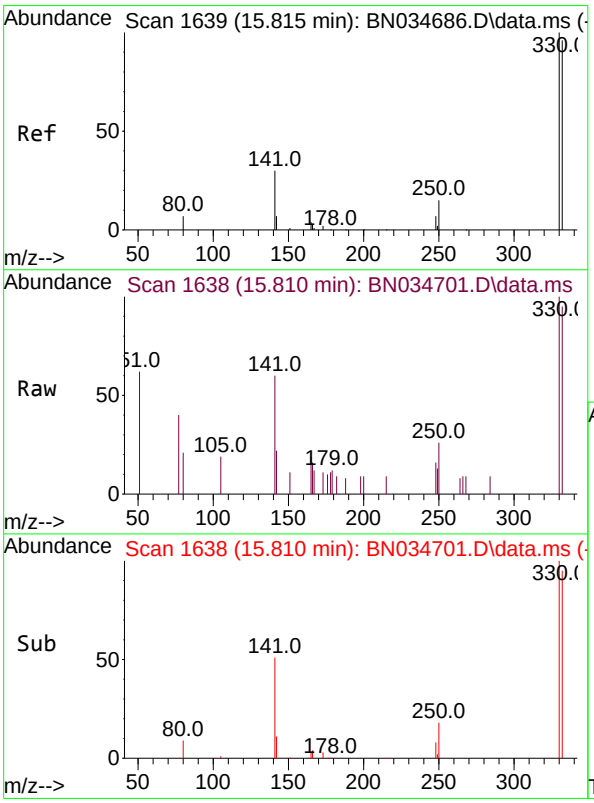
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.325 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN034701.D
Acq: 24 Oct 2024 21:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 8078

Ion	Ratio	Lower	Upper
164	100		
162	103.8	81.4	122.0
160	54.0	40.6	61.0

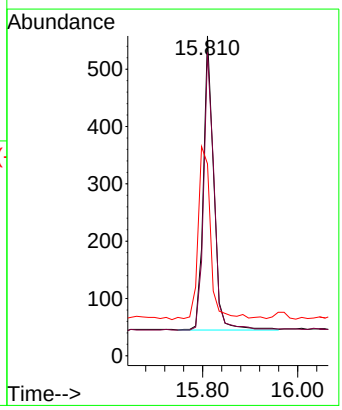


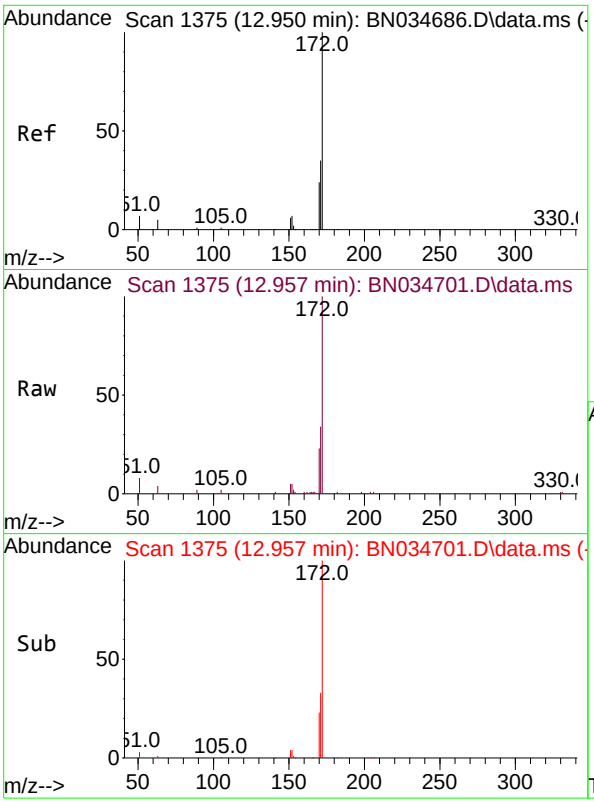


#14
2,4,6-Tribromophenol
Concen: 0.312 ng
RT: 15.810 min Scan# 1638
Delta R.T. -0.005 min
Lab File: BN034701.D
Acq: 24 Oct 2024 21:01

Tgt Ion:330 Resp: 779

Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.6	115.0
141	71.4	54.6	81.8



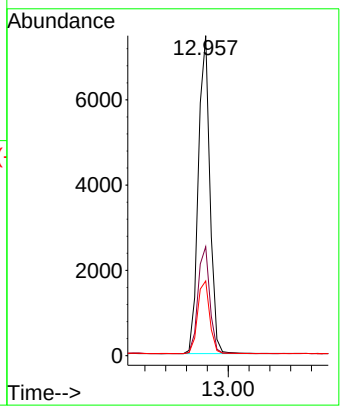


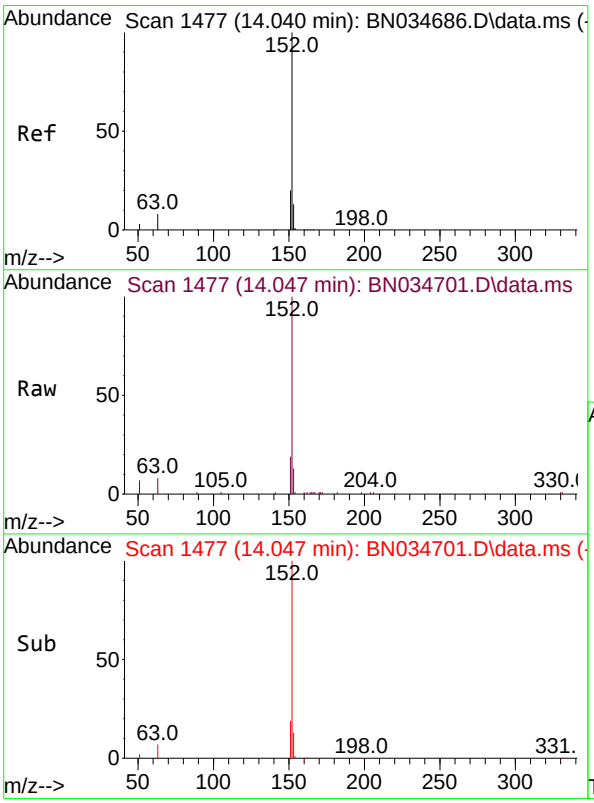
#15
2-Fluorobiphenyl
Concen: 0.359 ng
RT: 12.957 min Scan# 1
Delta R.T. 0.007 min
Lab File: BN034701.D
Acq: 24 Oct 2024 21:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 11511

Ion	Ratio	Lower	Upper
172	100		
171	34.0	28.3	42.5
170	23.3	19.8	29.6

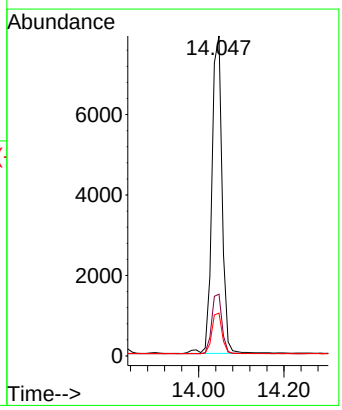


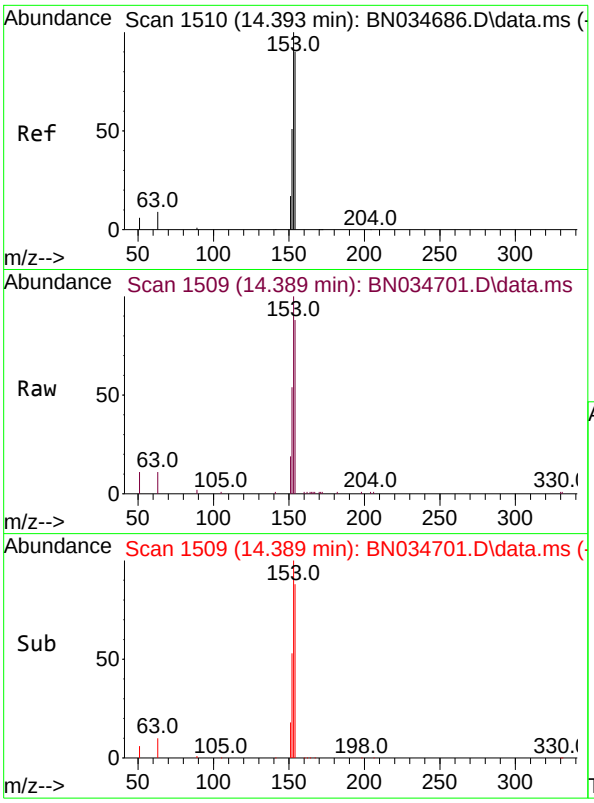


#16
Acenaphthylene
Concen: 0.337 ng
RT: 14.047 min Scan# 1477
Delta R.T. 0.007 min
Lab File: BN034701.D
Acq: 24 Oct 2024 21:01

Tgt Ion:152 Resp: 13092

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.6	23.4
153	12.8	10.6	15.8





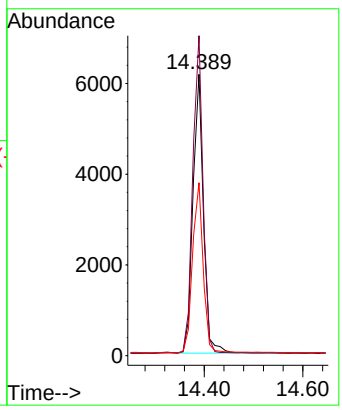
#17
Acenaphthene
Concen: 0.338 ng
RT: 14.389 min Scan# 1

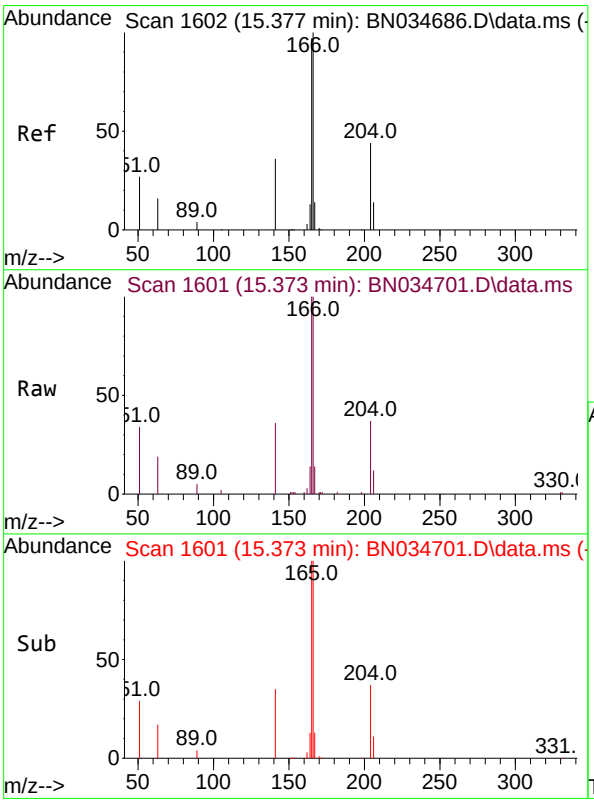
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Delta R.T. -0.004 min
Lab File: BN034701.D
Acq: 24 Oct 2024 21:01

Tgt Ion:154 Resp: 9042

Ion	Ratio	Lower	Upper
154	100		
153	111.5	88.2	132.2
152	61.5	46.9	70.3

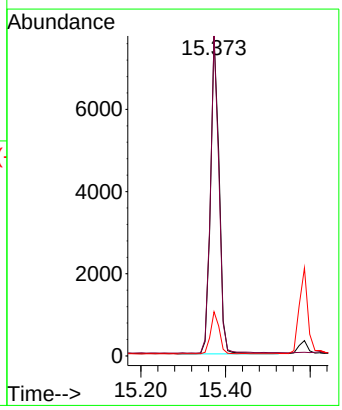


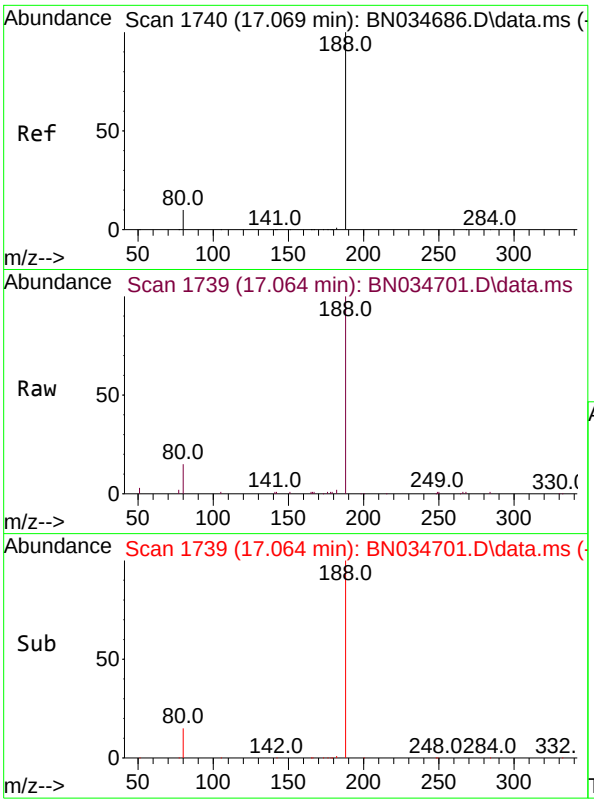


#18
Fluorene
Concen: 0.333 ng
RT: 15.373 min Scan# 1601
Delta R.T. -0.004 min
Lab File: BN034701.D
Acq: 24 Oct 2024 21:01

Tgt Ion:166 Resp: 10979

Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.8	118.2
167	13.2	10.6	16.0



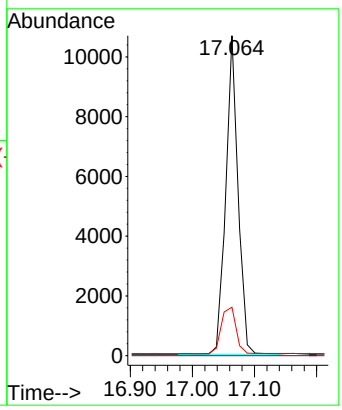


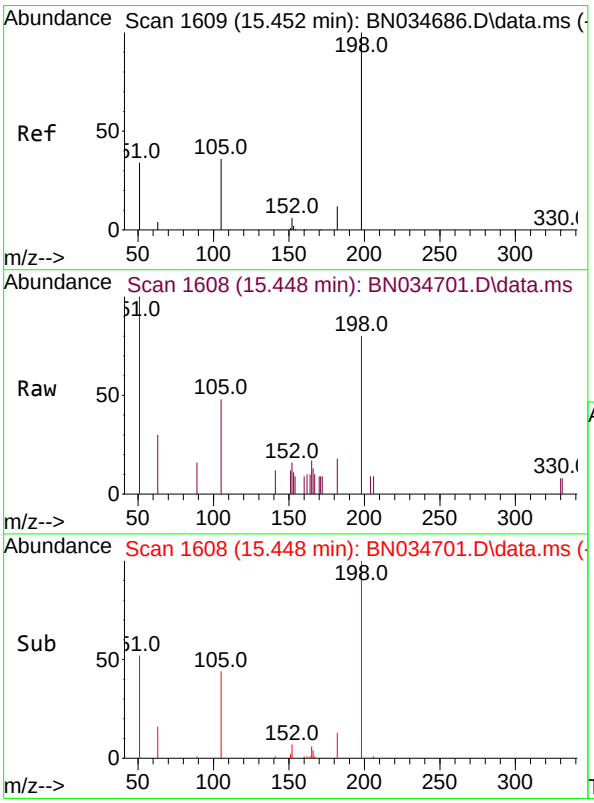
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.064 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN034701.D
Acq: 24 Oct 2024 21:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 14577

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.2	8.9	13.3#

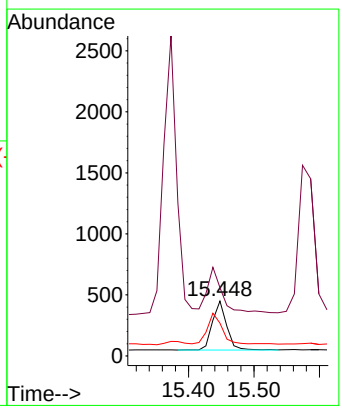


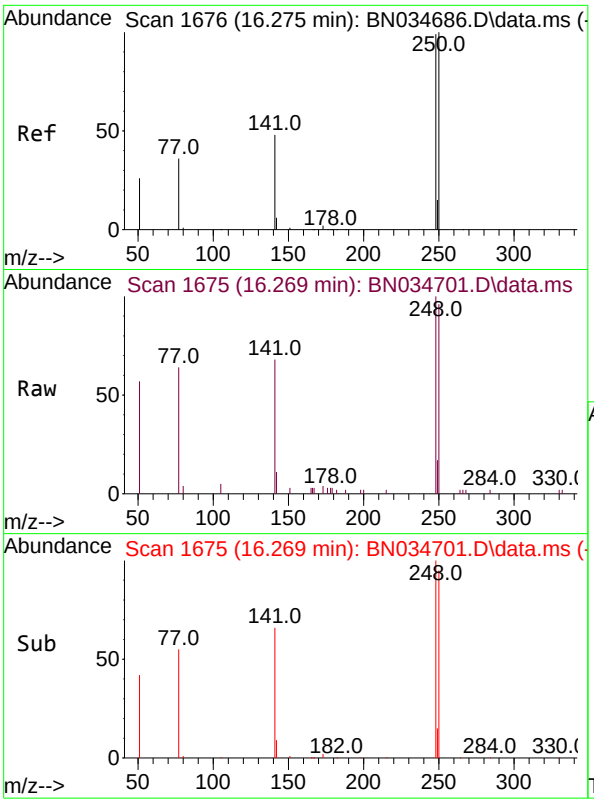


#20
4,6-Dinitro-2-methylphenol
Concen: 0.306 ng
RT: 15.448 min Scan# 1608
Delta R.T. -0.004 min
Lab File: BN034701.D
Acq: 24 Oct 2024 21:01

Tgt Ion:198 Resp: 621

Ion	Ratio	Lower	Upper
198	100		
51	124.4	91.8	137.8
105	59.8	44.3	66.5



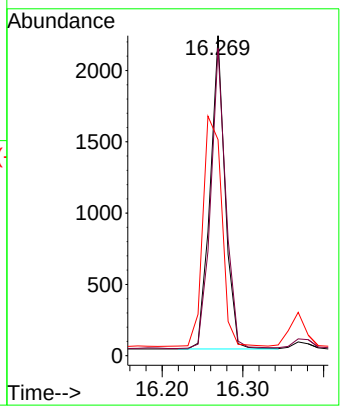


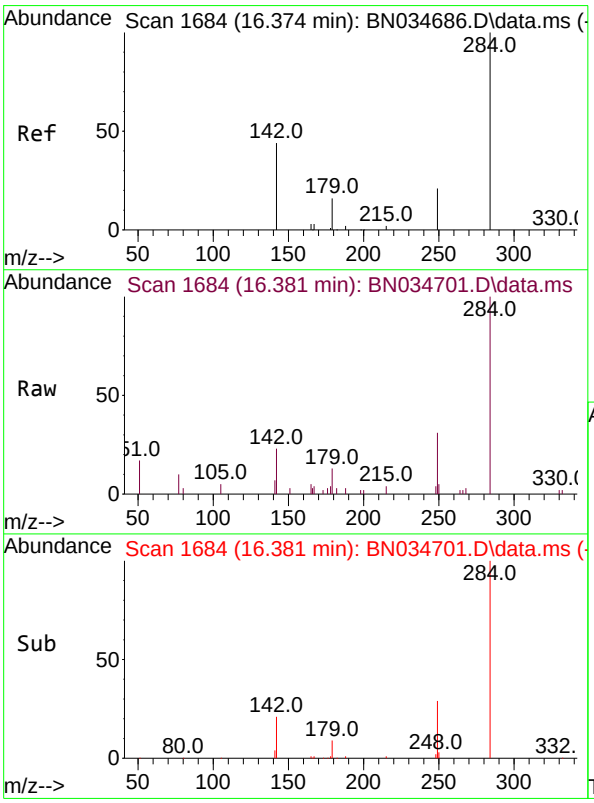
#21
4-Bromophenyl-phenylether
Concen: 0.363 ng
RT: 16.269 min Scan# 1(
Delta R.T. -0.005 min
Lab File: BN034701.D
Acq: 24 Oct 2024 21:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:248 Resp: 2820

Ion	Ratio	Lower	Upper
248	100		
250	96.0	80.9	121.3
141	67.5	40.5	60.7#

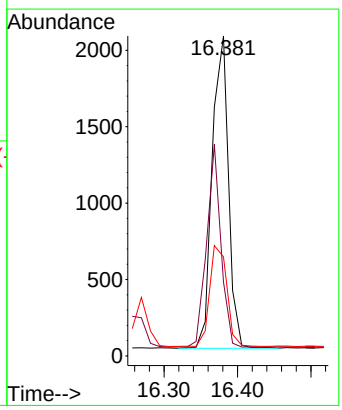


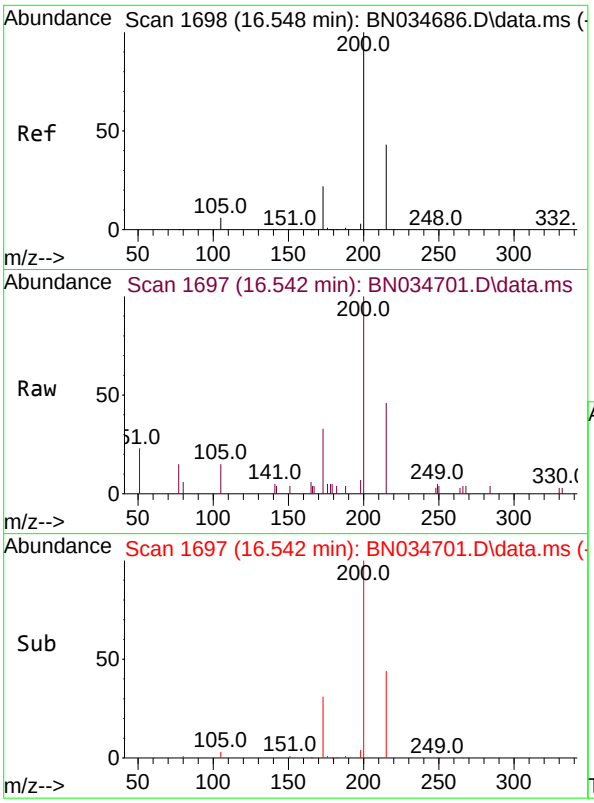


#22
Hexachlorobenzene
Concen: 0.373 ng
RT: 16.381 min Scan# 1684
Delta R.T. 0.007 min
Lab File: BN034701.D
Acq: 24 Oct 2024 21:01

Tgt Ion:284 Resp: 3143

Ion	Ratio	Lower	Upper
284	100		
142	56.7	43.6	65.4
249	34.2	26.6	40.0



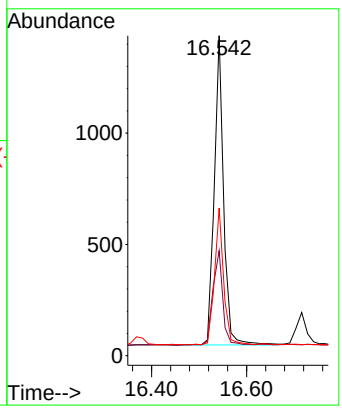


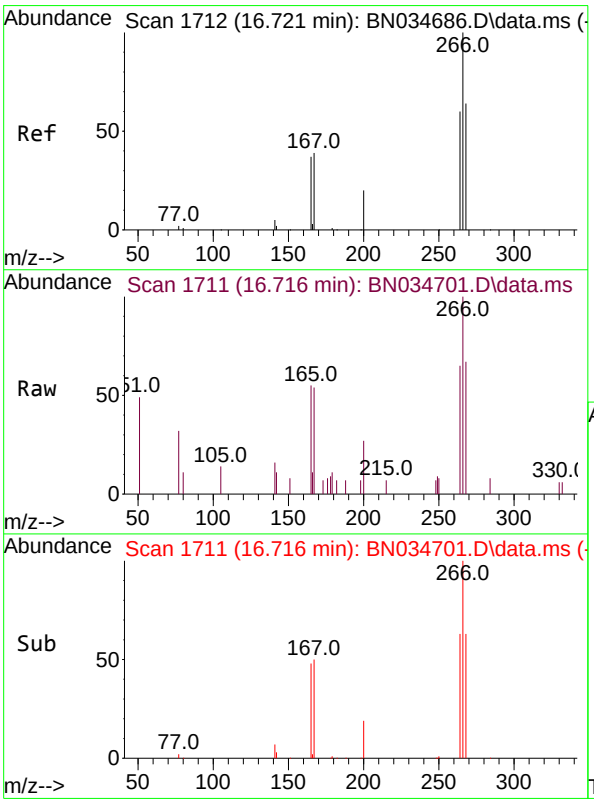
#23
Atrazine
Concen: 0.311 ng
RT: 16.542 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN034701.D
Acq: 24 Oct 2024 21:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:200 Resp: 1901

Ion	Ratio	Lower	Upper
200	100		
173	32.8	19.7	29.5#
215	46.2	35.7	53.5

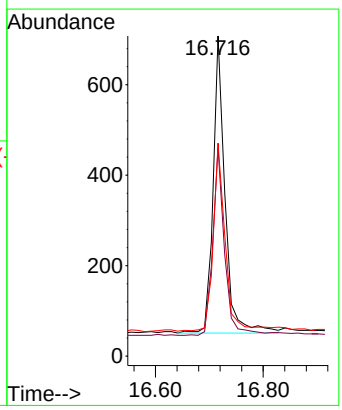


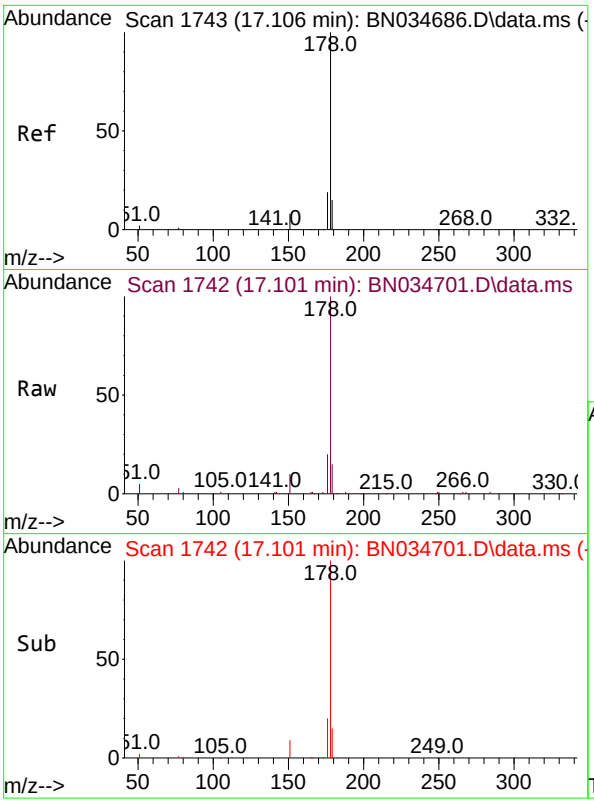


#24
Pentachlorophenol
Concen: 0.338 ng
RT: 16.716 min Scan# 1711
Delta R.T. -0.005 min
Lab File: BN034701.D
Acq: 24 Oct 2024 21:01

Tgt Ion:266 Resp: 1008

Ion	Ratio	Lower	Upper
266	100		
264	63.5	49.4	74.2
268	65.7	50.5	75.7



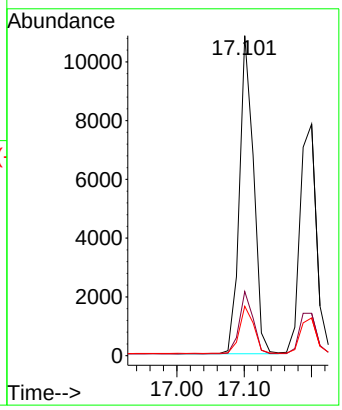


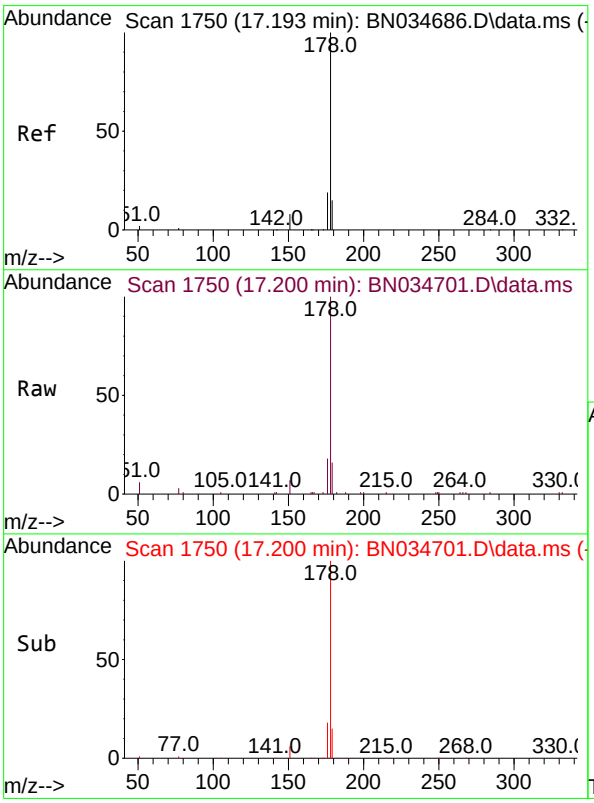
#25
Phenanthrene
Concen: 0.359 ng
RT: 17.101 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN034701.D
Acq: 24 Oct 2024 21:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 15738

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.2	12.2	18.4

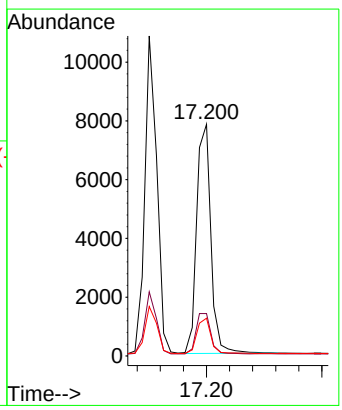


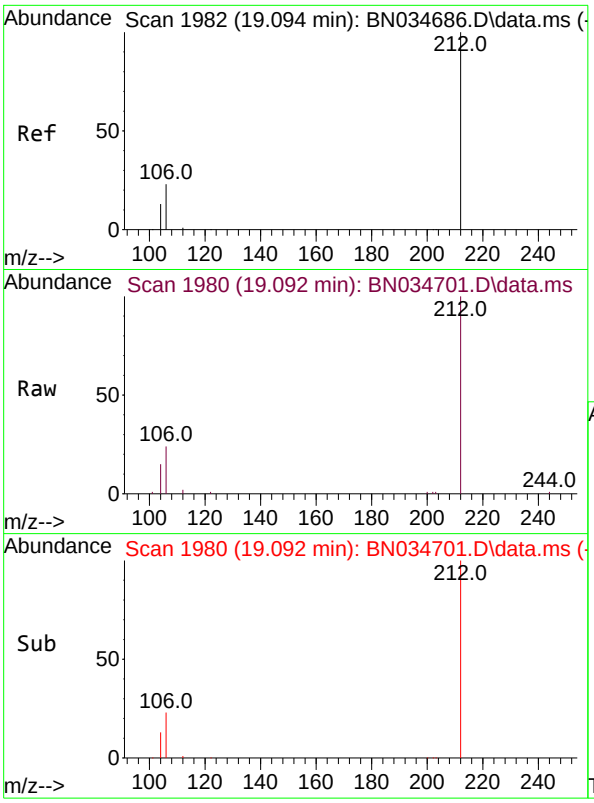


#26
Anthracene
Concen: 0.345 ng
RT: 17.200 min Scan# 1750
Delta R.T. 0.007 min
Lab File: BN034701.D
Acq: 24 Oct 2024 21:01

Tgt Ion:178 Resp: 13426

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.9	22.3
179	15.0	12.2	18.2





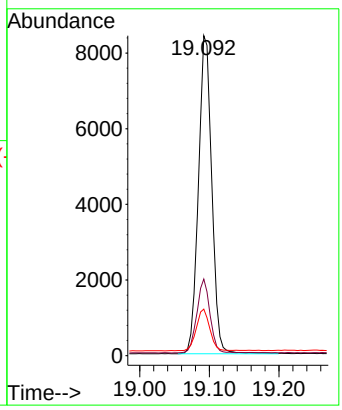
#27
Fluoranthene-d10
Concen: 0.341 ng
RT: 19.092 min Scan# 1

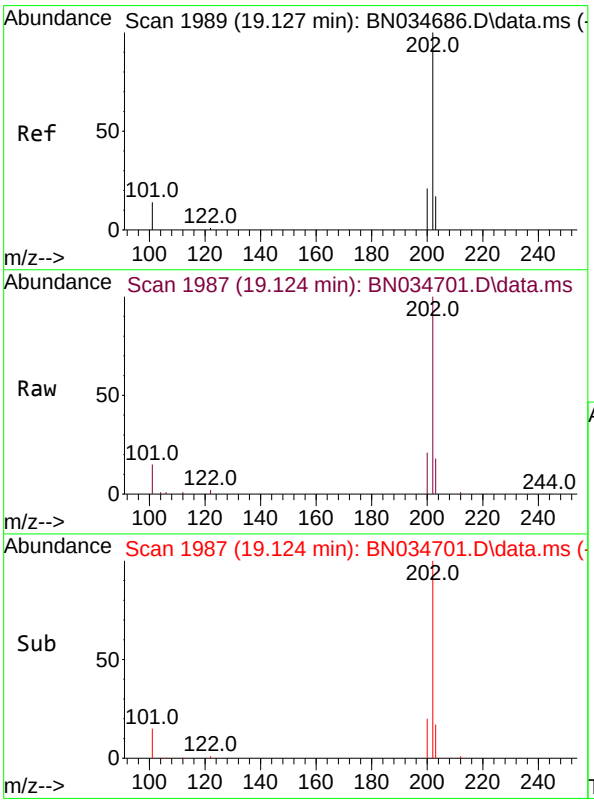
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Delta R.T. -0.002 min
Lab File: BN034701.D
Acq: 24 Oct 2024 21:01

Tgt Ion:212 Resp: 11190

Ion	Ratio	Lower	Upper
212	100		
106	22.7	17.8	26.8
104	13.4	10.2	15.4

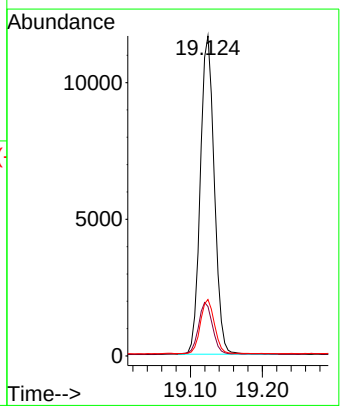


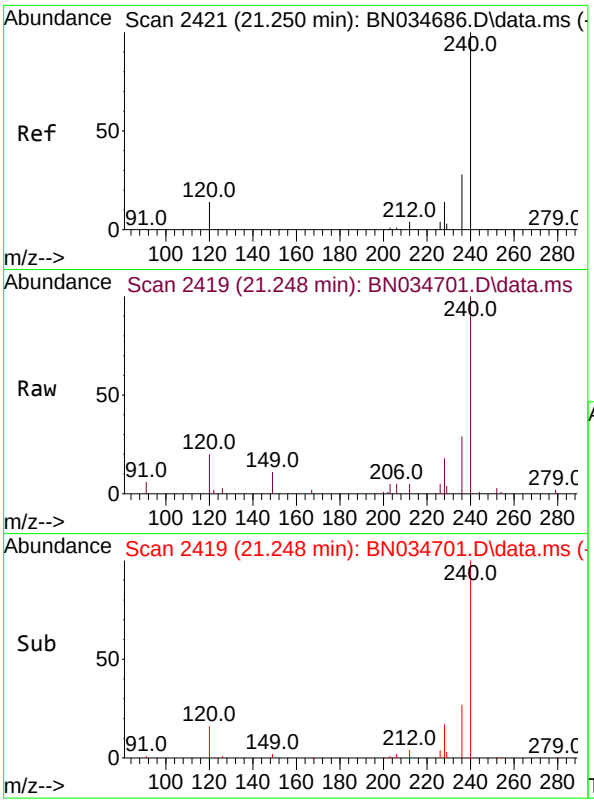


#28
Fluoranthene
Concen: 0.343 ng
RT: 19.124 min Scan# 1987
Delta R.T. -0.002 min
Lab File: BN034701.D
Acq: 24 Oct 2024 21:01

Tgt Ion:202 Resp: 15690

Ion	Ratio	Lower	Upper
202	100		
101	16.8	12.8	19.2
203	17.0	13.5	20.3



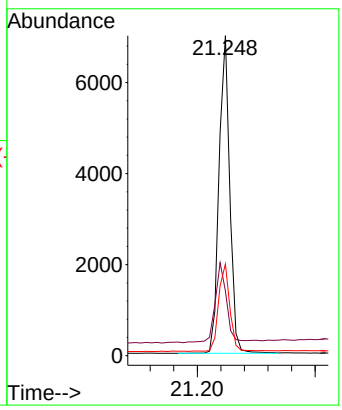


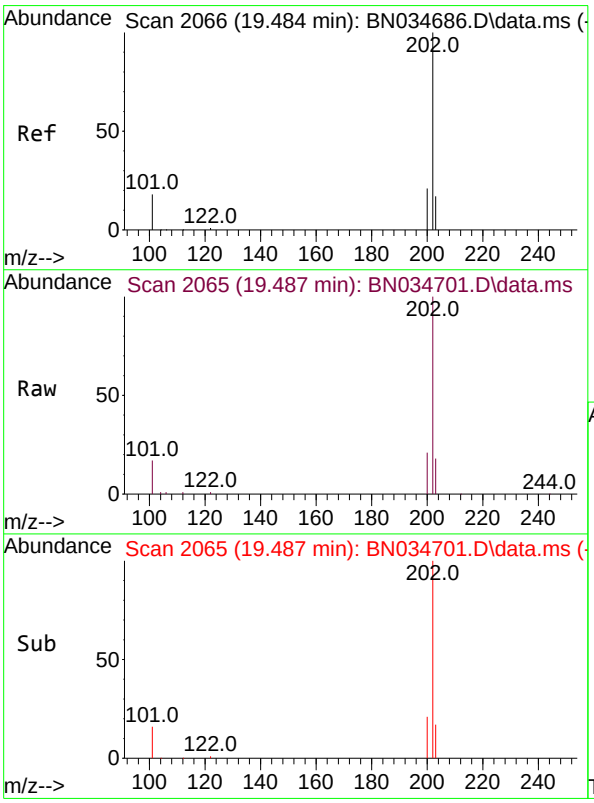
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.248 min Scan# 24
Delta R.T. -0.002 min
Lab File: BN034701.D
Acq: 24 Oct 2024 21:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 8841

Ion	Ratio	Lower	Upper
240	100		
120	20.3	14.2	21.2
236	28.6	23.1	34.7

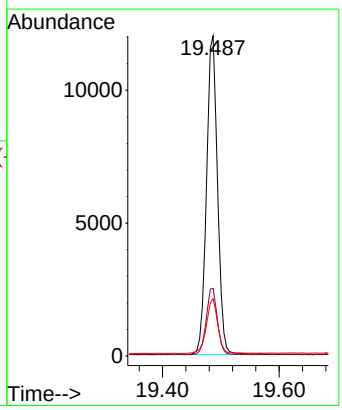


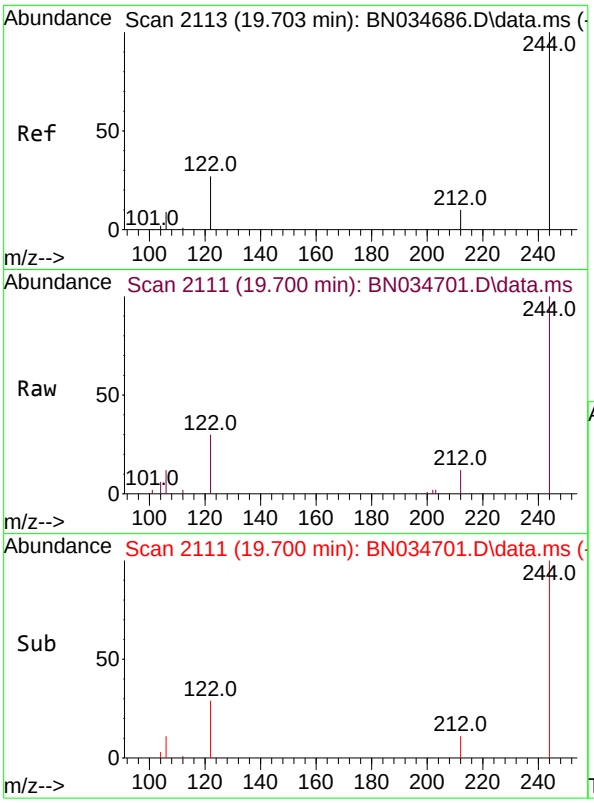


#30
Pyrene
Concen: 0.348 ng
RT: 19.487 min Scan# 2065
Delta R.T. 0.002 min
Lab File: BN034701.D
Acq: 24 Oct 2024 21:01

Tgt Ion:202 Resp: 15827

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	25.0
203	17.6	14.2	21.4



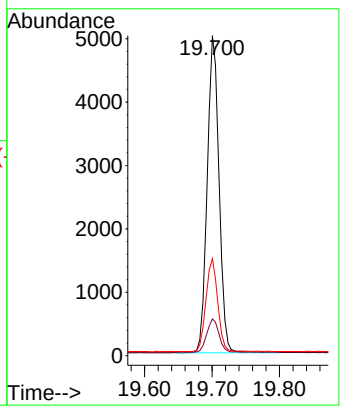


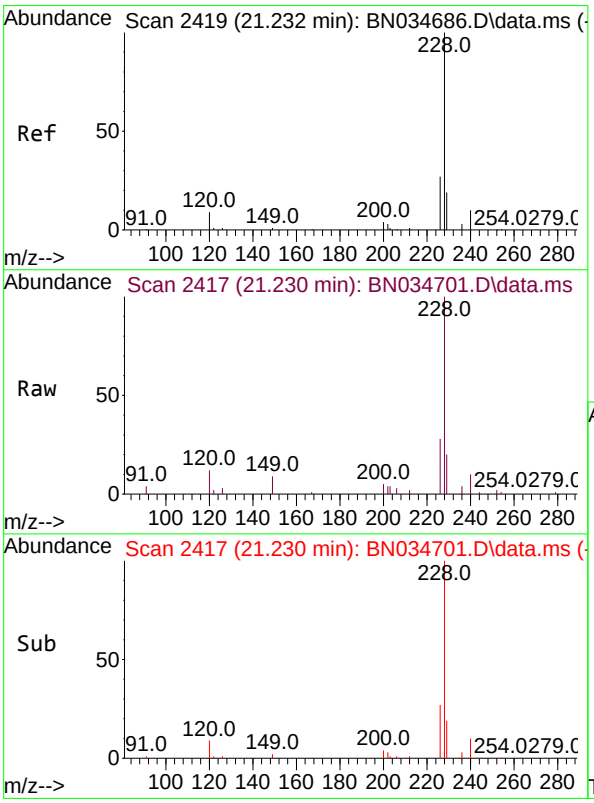
#31
Terphenyl-d14
Concen: 0.338 ng
RT: 19.700 min Scan# 21
Delta R.T. -0.002 min
Lab File: BN034701.D
Acq: 24 Oct 2024 21:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 6100

Ion	Ratio	Lower	Upper
244	100		
212	11.5	8.6	13.0
122	30.3	22.3	33.5

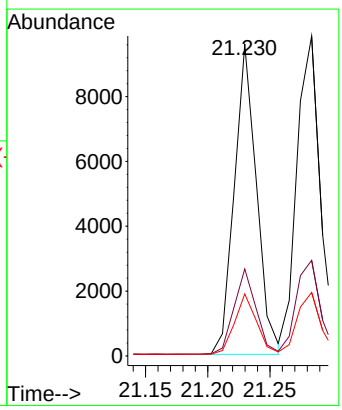


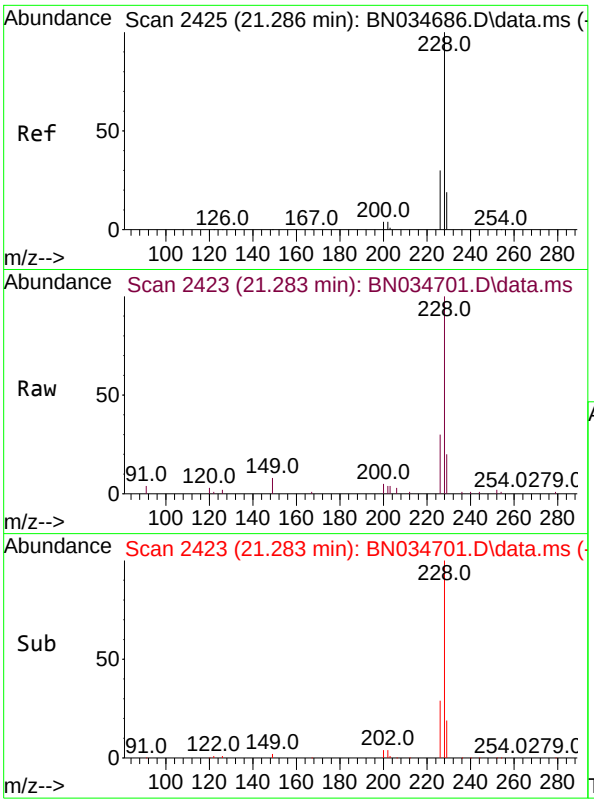


#32
Benzo(a)anthracene
Concen: 0.351 ng
RT: 21.230 min Scan# 2417
Delta R.T. -0.002 min
Lab File: BN034701.D
Acq: 24 Oct 2024 21:01

Tgt Ion:228 Resp: 11854

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.0	33.0
229	19.9	15.6	23.4



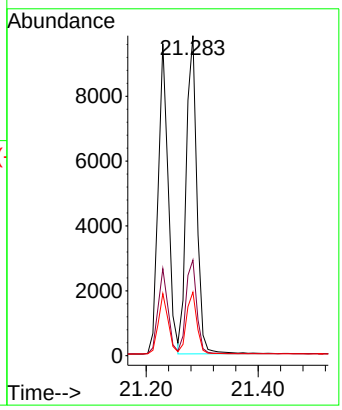


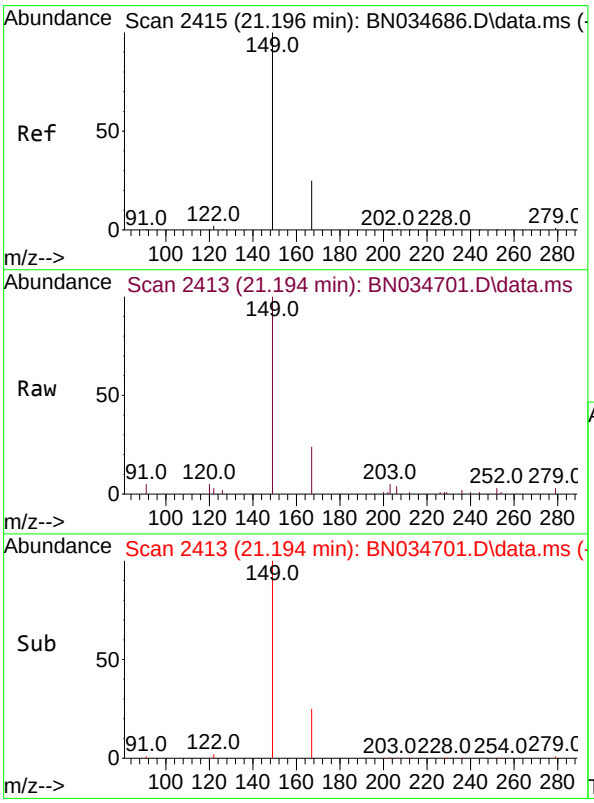
#33
Chrysene
Concen: 0.370 ng
RT: 21.283 min Scan# 24
Delta R.T. -0.002 min
Lab File: BN034701.D
Acq: 24 Oct 2024 21:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 12923

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.1	36.1
229	19.9	15.8	23.8

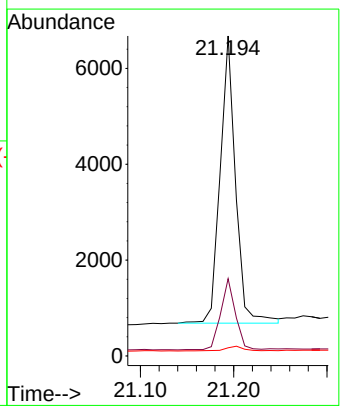


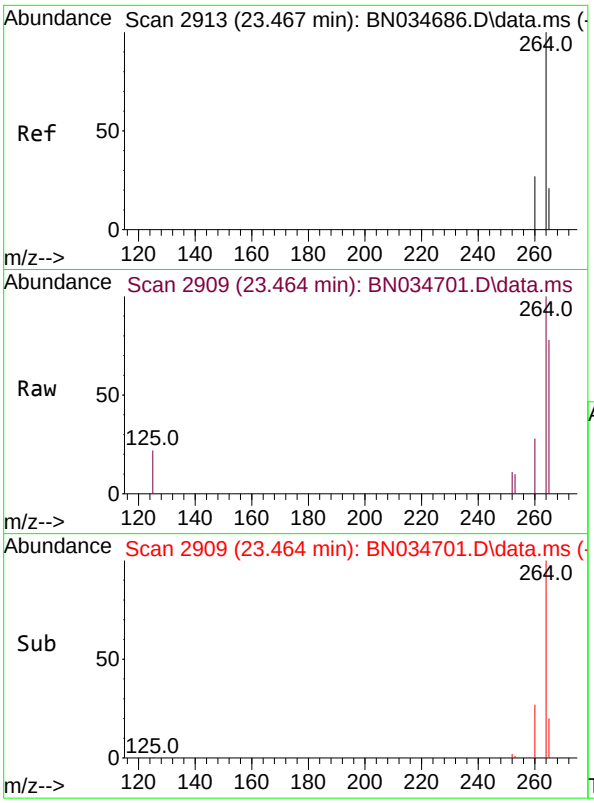


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.358 ng
RT: 21.194 min Scan# 2413
Delta R.T. -0.002 min
Lab File: BN034701.D
Acq: 24 Oct 2024 21:01

Tgt Ion:149 Resp: 6855

Ion	Ratio	Lower	Upper
149	100		
167	23.7	19.7	29.5
279	1.9	1.8	2.6



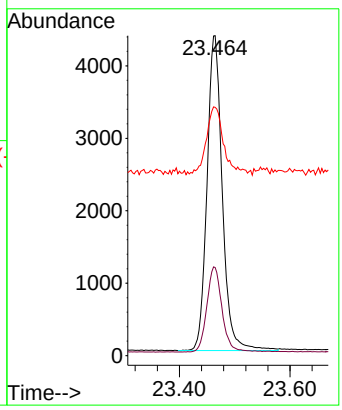


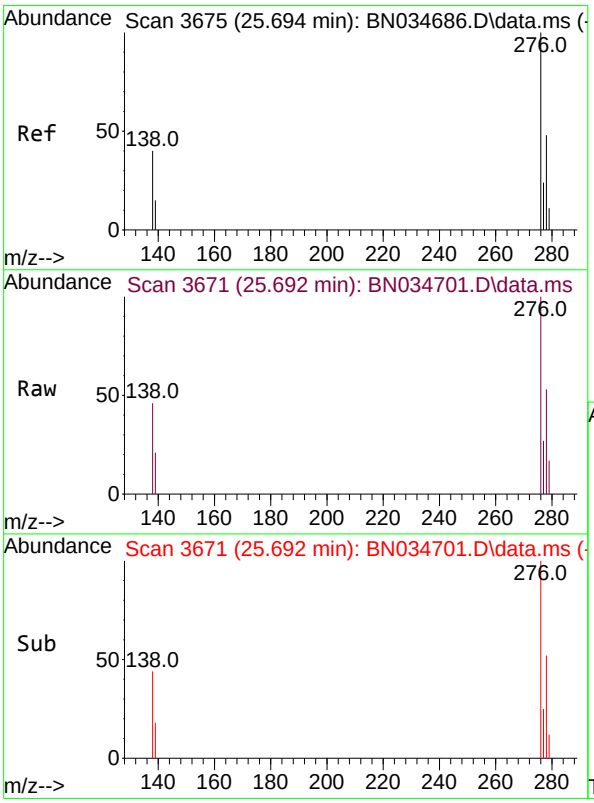
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.464 min Scan# 2
Delta R.T. -0.002 min
Lab File: BN034701.D
Acq: 24 Oct 2024 21:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 8336

Ion	Ratio	Lower	Upper
264	100		
260	27.6	21.9	32.9
265	77.6	60.6	91.0

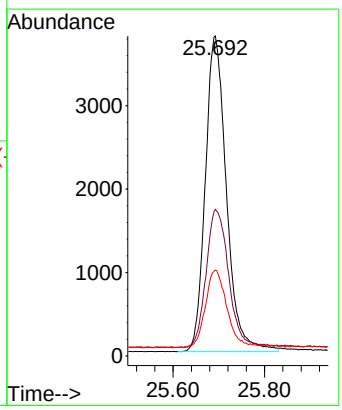


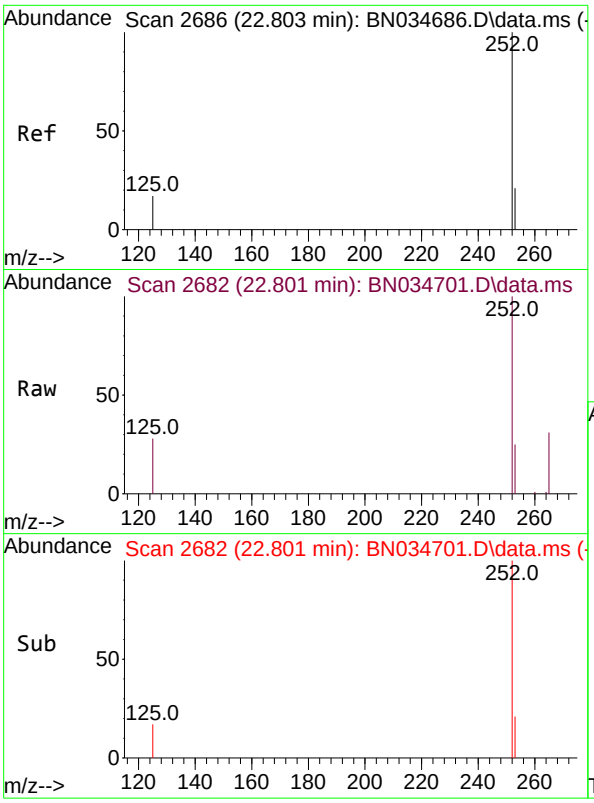


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.378 ng
RT: 25.692 min Scan# 3671
Delta R.T. -0.002 min
Lab File: BN034701.D
Acq: 24 Oct 2024 21:01

Tgt Ion:276 Resp: 12128

Ion	Ratio	Lower	Upper
276	100		
138	46.6	35.1	52.7
277	24.4	19.7	29.5



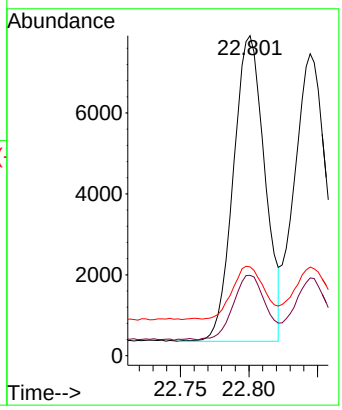


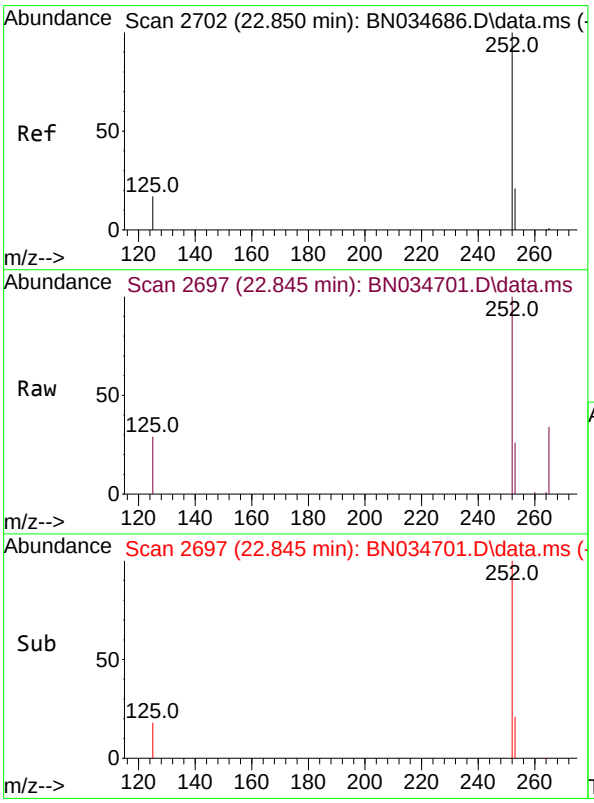
#37
Benzo(b)fluoranthene
Concen: 0.361 ng
RT: 22.801 min Scan# 2
Delta R.T. -0.002 min
Lab File: BN034701.D
Acq: 24 Oct 2024 21:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 12003

Ion	Ratio	Lower	Upper
252	100		
253	25.1	20.0	30.0
125	27.7	20.9	31.3

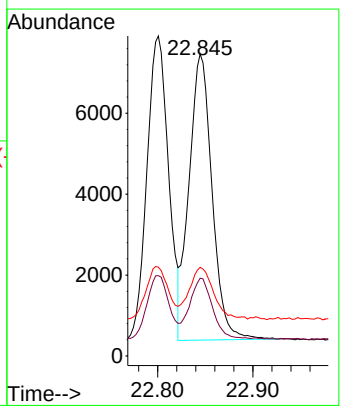


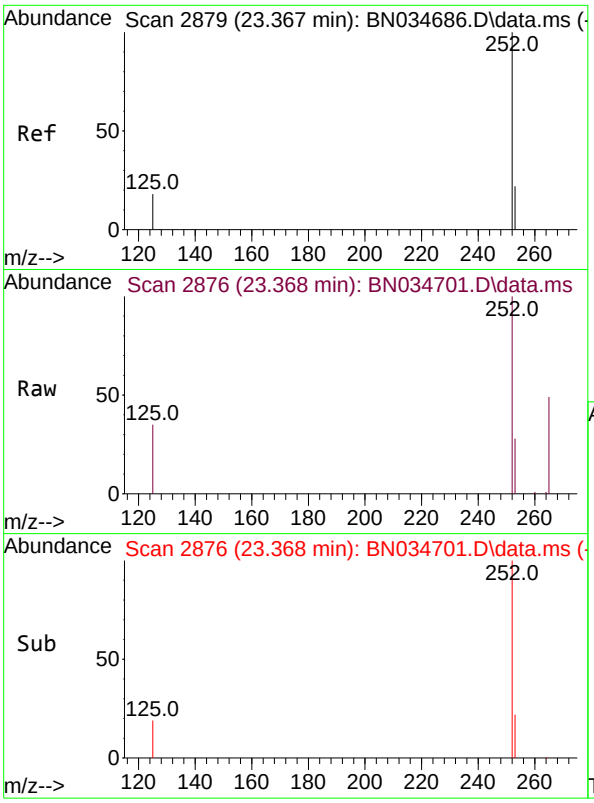


#38
Benzo(k)fluoranthene
Concen: 0.362 ng
RT: 22.845 min Scan# 2697
Delta R.T. -0.005 min
Lab File: BN034701.D
Acq: 24 Oct 2024 21:01

Tgt Ion:252 Resp: 11895

Ion	Ratio	Lower	Upper
252	100		
253	25.8	20.6	31.0
125	29.4	21.6	32.4



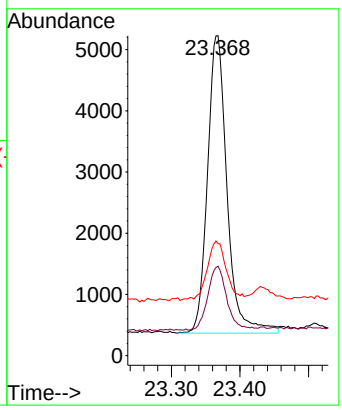


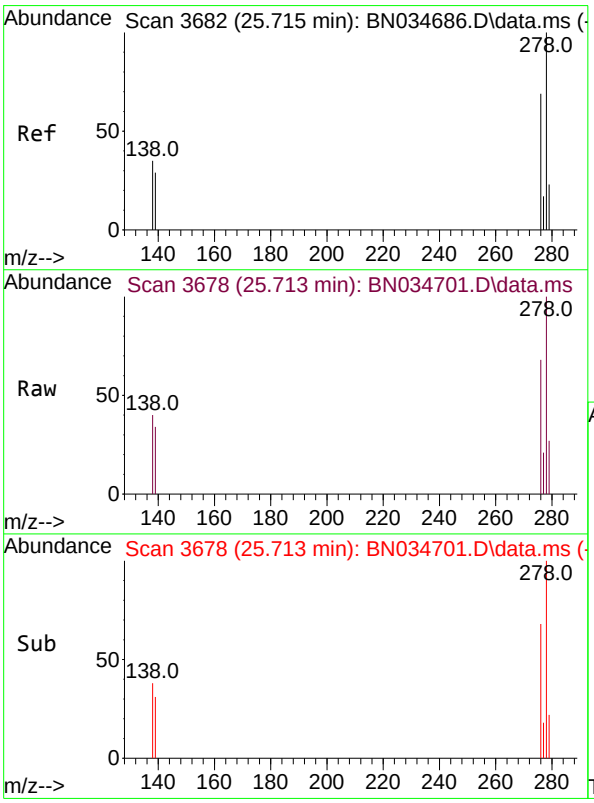
#39
Benzo(a)pyrene
Concen: 0.361 ng
RT: 23.368 min Scan# 2
Delta R.T. 0.001 min
Lab File: BN034701.D
Acq: 24 Oct 2024 21:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 9650

Ion	Ratio	Lower	Upper
252	100		
253	28.0	22.2	33.4
125	35.0	26.0	39.0

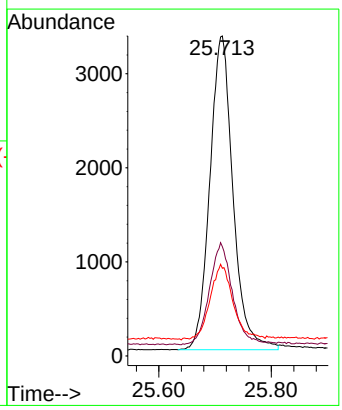


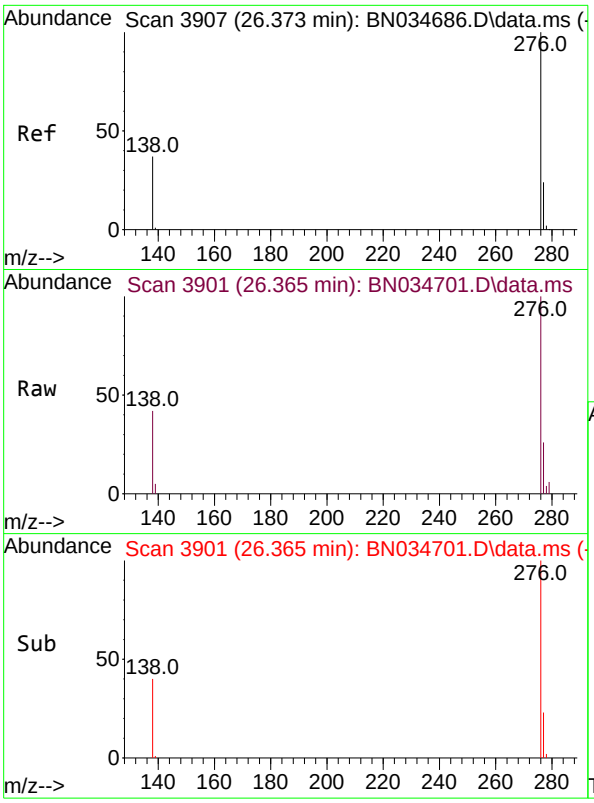


#40
Dibenzo(a,h)anthracene
Concen: 0.377 ng
RT: 25.713 min Scan# 3678
Delta R.T. -0.002 min
Lab File: BN034701.D
Acq: 24 Oct 2024 21:01

Tgt Ion:278 Resp: 9542

Ion	Ratio	Lower	Upper
278	100		
139	34.2	25.4	38.2
279	27.4	22.4	33.6





#41
Benzo(g,h,i)perylene
Concen: 0.390 ng
RT: 26.365 min Scan# 3
Delta R.T. -0.008 min
Lab File: BN034701.D
Acq: 24 Oct 2024 21:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 10879

Ion	Ratio	Lower	Upper
276	100		
277	25.9	21.3	31.9
138	42.0	31.9	47.9