Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102424\
Data File : BN034684.D
Acq On : 24 Oct 2024 09:11
Operator : RC/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Oct 24 12:42:02 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 12:41:40 2024
Response via : Initial Calibration

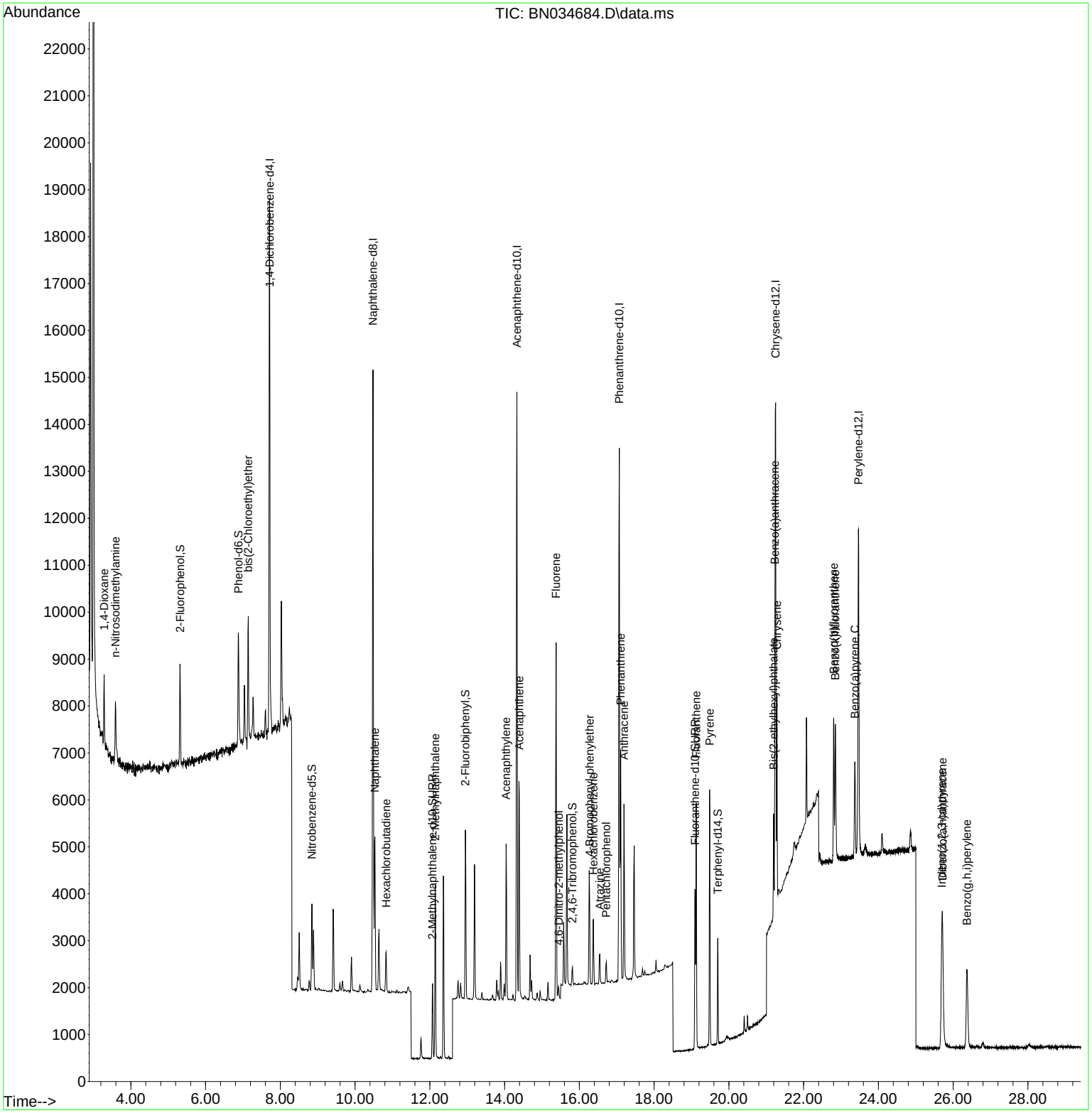
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.712	152	5558	0.400	ng		0.00
7) Naphthalene-d8	10.479	136	16023	0.400	ng		0.00
13) Acenaphthene-d10	14.329	164	7436	0.400	ng		0.00
19) Phenanthrene-d10	17.069	188	15281	0.400	ng		0.00
29) Chrysene-d12	21.250	240	9023	0.400	ng		0.00
35) Perylene-d12	23.467	264	9104	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.322	112	1651	0.097	ng		0.00
5) Phenol-d6	6.882	99	2162	0.099	ng		0.00
8) Nitrobenzene-d5	8.846	82	1381	0.104	ng		0.00
11) 2-Methylnaphthalene-d10	12.071	152	2173	0.096	ng		0.00
14) 2,4,6-Tribromophenol	15.815	330	205	0.065	ng		0.00
15) 2-Fluorobiphenyl	12.950	172	3087	0.105	ng		0.00
27) Fluoranthene-d10	19.094	212	3322	0.089	ng		0.00
31) Terphenyl-d14	19.703	244	1833	0.105	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.285	88	863	0.128	ng		89
3) n-Nitrosodimethylamine	3.588	42	1077	0.132	ng	#	95
6) bis(2-Chloroethyl)ether	7.142	93	1815	0.109	ng		99
9) Naphthalene	10.533	128	4509	0.102	ng		96
10) Hexachlorobutadiene	10.831	225	703	0.099	ng	#	99
12) 2-Methylnaphthalene	12.147	142	2704	0.097	ng		98
16) Acenaphthylene	14.041	152	3532	0.099	ng		100
17) Acenaphthene	14.393	154	2450	0.101	ng		97
18) Fluorene	15.377	166	2971	0.098	ng		100
20) 4,6-Dinitro-2-methylph...	15.452	198	167	0.080	ng	#	1
21) 4-Bromophenyl-phenylether	16.275	248	830	0.099	ng		96
22) Hexachlorobenzene	16.374	284	909	0.098	ng		97
23) Atrazine	16.548	200	577	0.079	ng	#	87
24) Pentachlorophenol	16.722	266	226	0.062	ng	#	89
25) Phenanthrene	17.106	178	4637	0.102	ng		100
26) Anthracene	17.193	178	3843	0.095	ng		100
28) Fluoranthene	19.127	202	4537	0.089	ng		99
30) Pyrene	19.485	202	4660	0.116	ng		99
32) Benzo(a)anthracene	21.232	228	3389	0.099	ng		97
33) Chrysene	21.286	228	3705	0.109	ng		98
34) Bis(2-ethylhexyl)phtha...	21.196	149	2033	0.087	ng	#	97
36) Indeno(1,2,3-cd)pyrene	25.695	276	3556	0.101	ng		96
37) Benzo(b)fluoranthene	22.806	252	3512	0.107	ng	#	65
38) Benzo(k)fluoranthene	22.847	252	3438	0.107	ng	#	62
39) Benzo(a)pyrene	23.370	252	2737	0.098	ng	#	55
40) Dibenzo(a,h)anthracene	25.718	278	2812	0.102	ng	#	78
41) Benzo(g,h,i)perylene	26.370	276	3179	0.105	ng	#	89

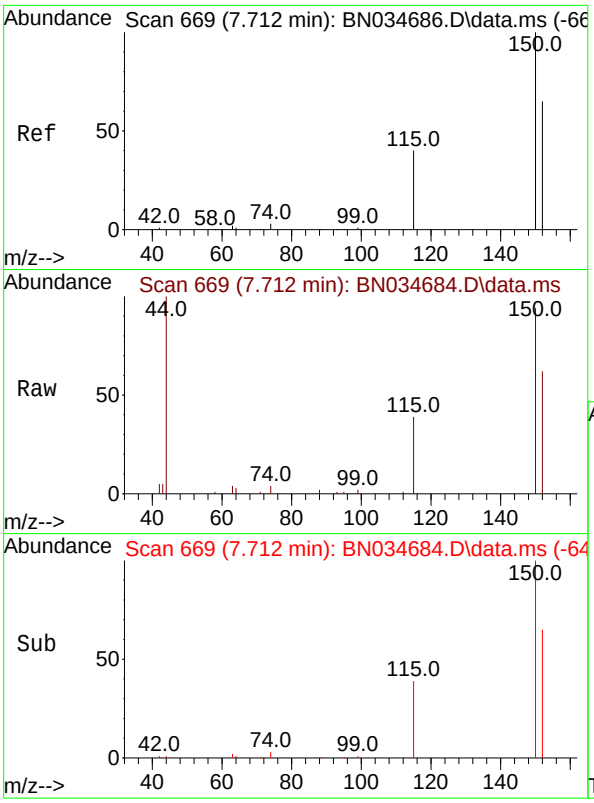
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102424\
Data File : BN034684.D
Acq On : 24 Oct 2024 09:11
Operator : RC/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Oct 24 12:42:02 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 12:41:40 2024
Response via : Initial Calibration



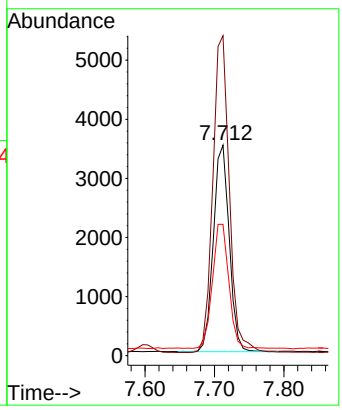


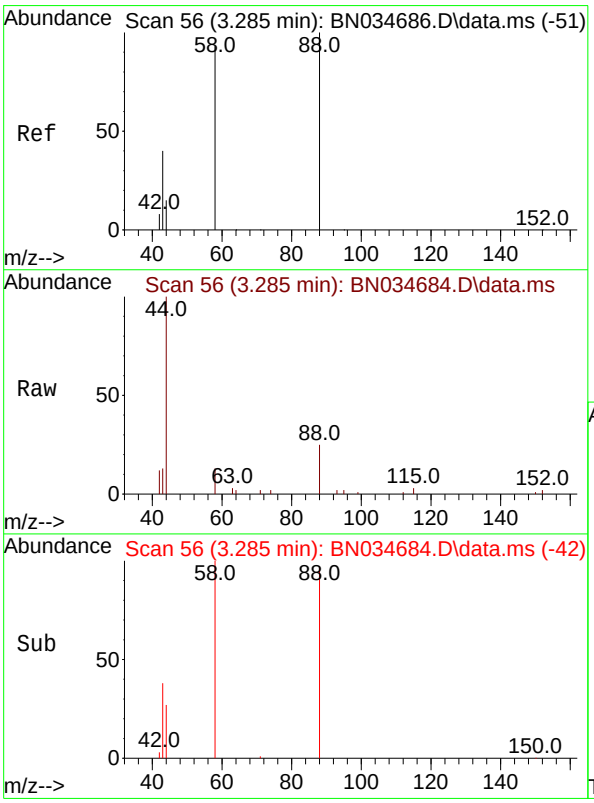
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.712 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN034684.D
Acq: 24 Oct 2024 09:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 5558

Ion	Ratio	Lower	Upper
152	100		
150	152.0	122.7	184.1
115	62.4	51.0	76.6

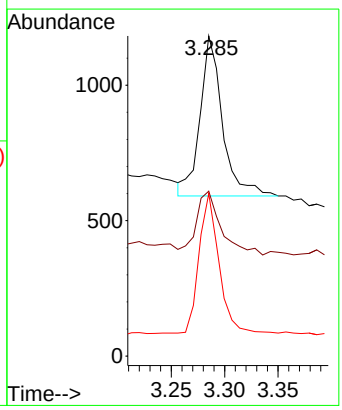


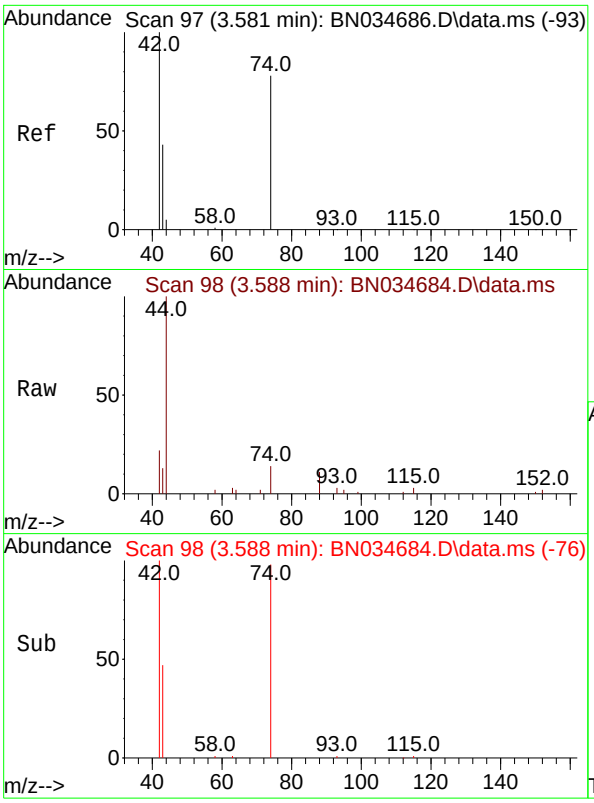


#2
1,4-Dioxane
Concen: 0.128 ng
RT: 3.285 min Scan# 56
Delta R.T. 0.000 min
Lab File: BN034684.D
Acq: 24 Oct 2024 09:11

Tgt Ion: 88 Resp: 863

Ion	Ratio	Lower	Upper
88	100		
43	40.9	32.1	48.1
58	77.6	73.7	110.5



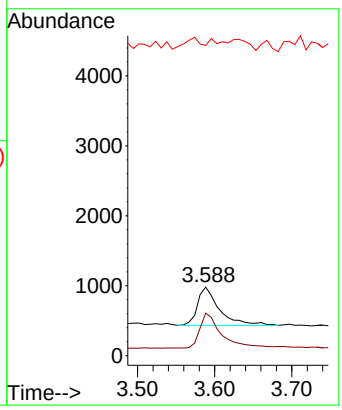


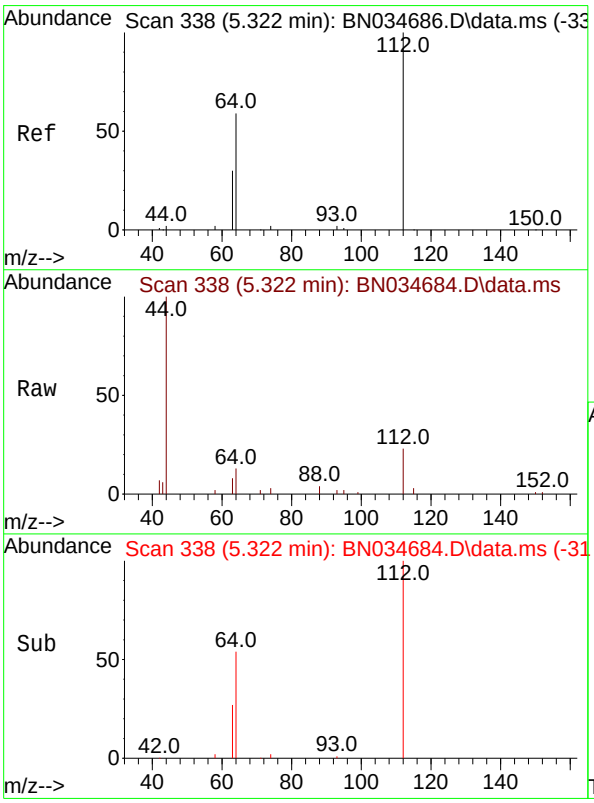
#3
n-Nitrosodimethylamine
Concen: 0.132 ng
RT: 3.588 min Scan# 9
Delta R.T. 0.007 min
Lab File: BN034684.D
Acq: 24 Oct 2024 09:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 42 Resp: 1077

Ion	Ratio	Lower	Upper
42	100		
74	93.9	77.2	115.8
44	8.6	13.4	20.2#

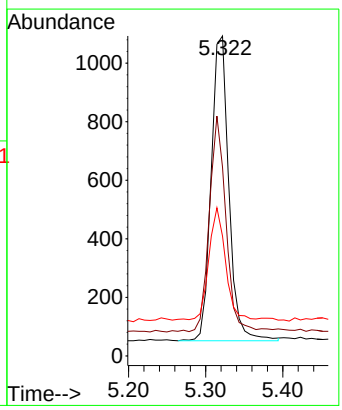


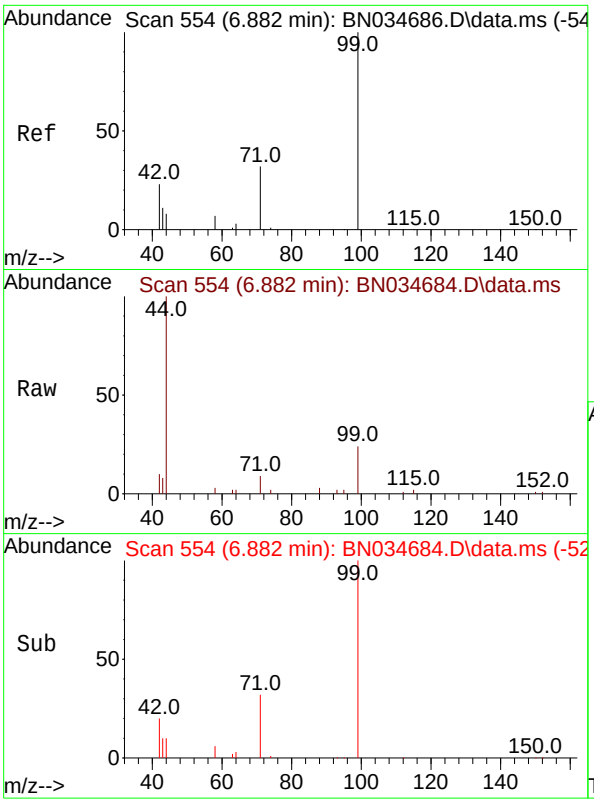


#4
2-Fluorophenol
Concen: 0.097 ng
RT: 5.322 min Scan# 338
Delta R.T. 0.000 min
Lab File: BN034684.D
Acq: 24 Oct 2024 09:11

Tgt Ion:112 Resp: 1651

Ion	Ratio	Lower	Upper
112	100		
64	67.8	53.0	79.6
63	35.0	27.6	41.4



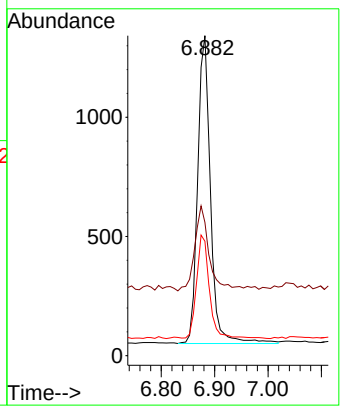


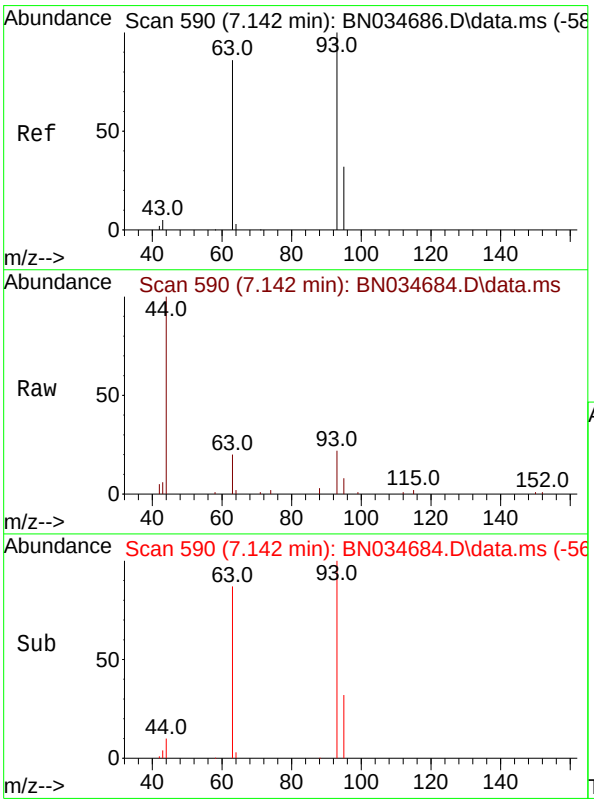
#5
Phenol-d6
Concen: 0.099 ng
RT: 6.882 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN034684.D
Acq: 24 Oct 2024 09:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 2162

Ion	Ratio	Lower	Upper
99	100		
42	31.1	21.8	32.8
71	33.9	26.6	40.0

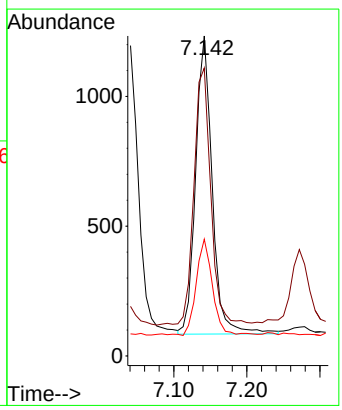


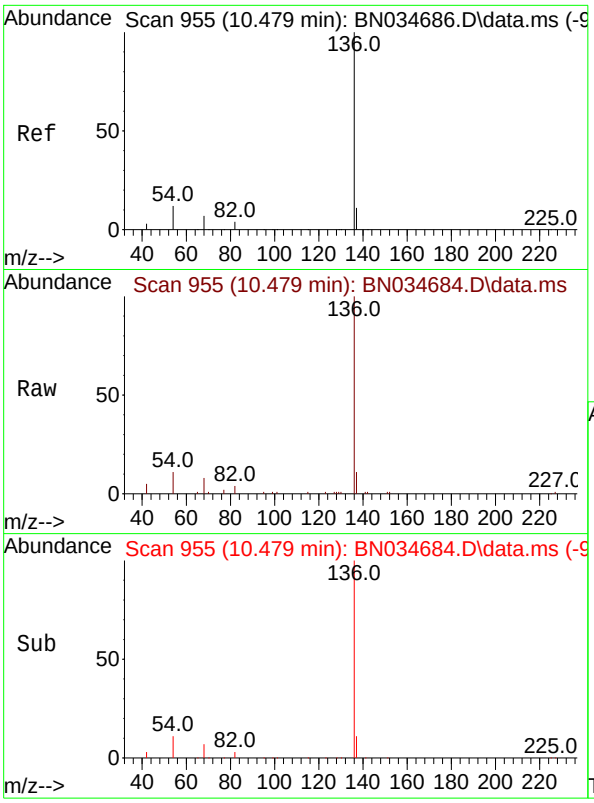


#6
bis(2-Chloroethyl)ether
Concen: 0.109 ng
RT: 7.142 min Scan# 590
Delta R.T. 0.000 min
Lab File: BN034684.D
Acq: 24 Oct 2024 09:11

Tgt Ion: 93 Resp: 1815

Ion	Ratio	Lower	Upper
93	100		
63	87.8	71.5	107.3
95	31.8	25.8	38.6



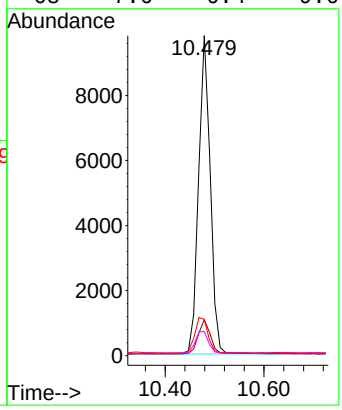


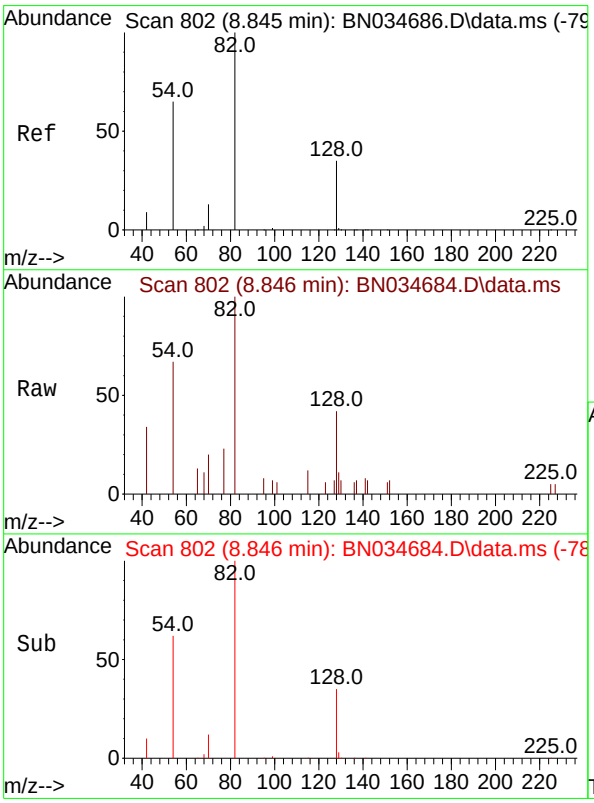
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.479 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN034684.D
Acq: 24 Oct 2024 09:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 16023

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	11.3	9.8	14.8
68	7.6	6.4	9.6

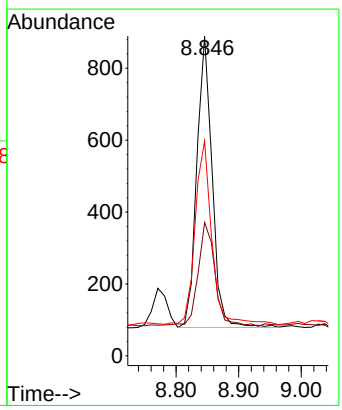


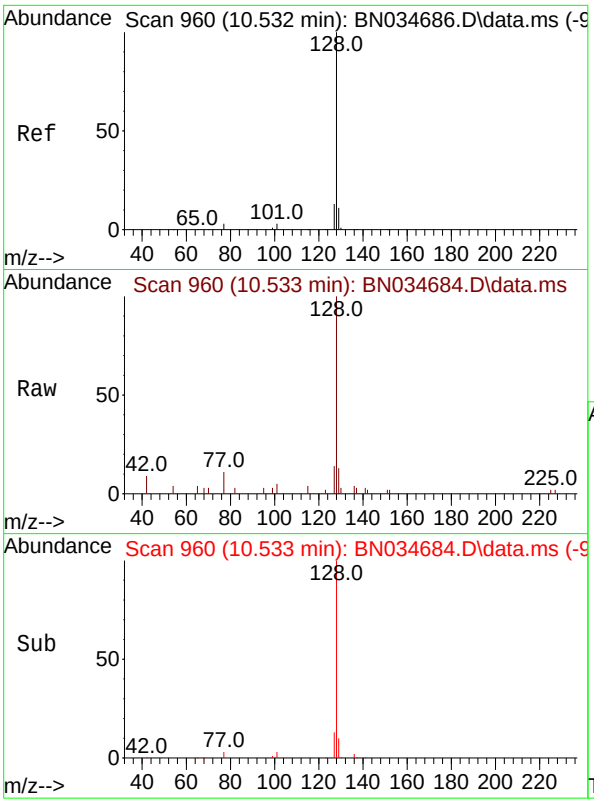


#8
Nitrobenzene-d5
Concen: 0.104 ng
RT: 8.846 min Scan# 802
Delta R.T. 0.000 min
Lab File: BN034684.D
Acq: 24 Oct 2024 09:11

Tgt Ion: 82 Resp: 1381

Ion	Ratio	Lower	Upper
82	100		
128	41.7	29.7	44.5
54	67.2	53.0	79.6



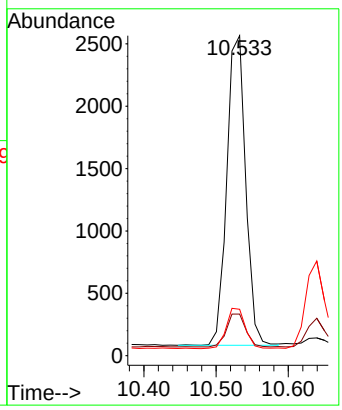


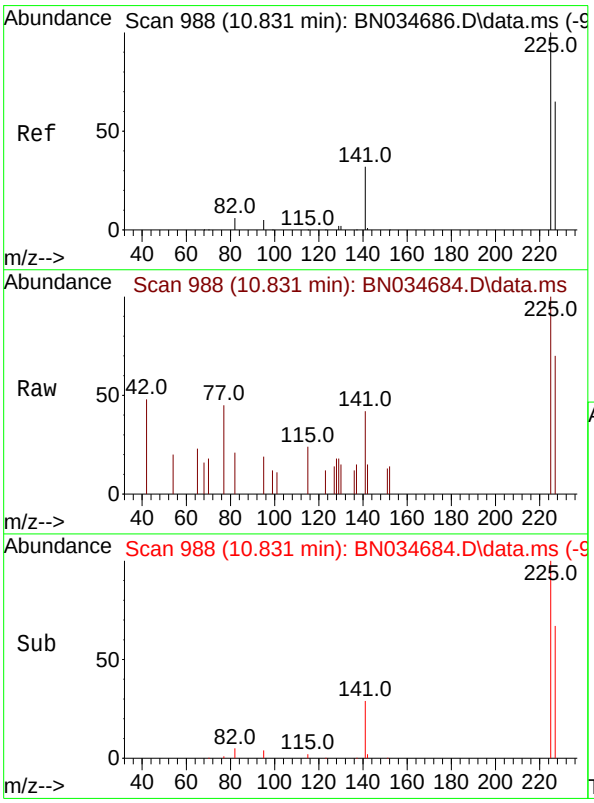
#9
Naphthalene
Concen: 0.102 ng
RT: 10.533 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN034684.D
Acq: 24 Oct 2024 09:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 4509

Ion	Ratio	Lower	Upper
128	100		
129	13.0	9.0	13.6
127	14.5	10.5	15.7

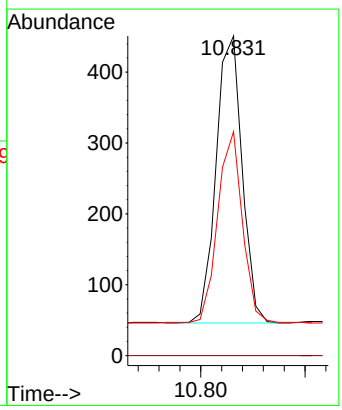


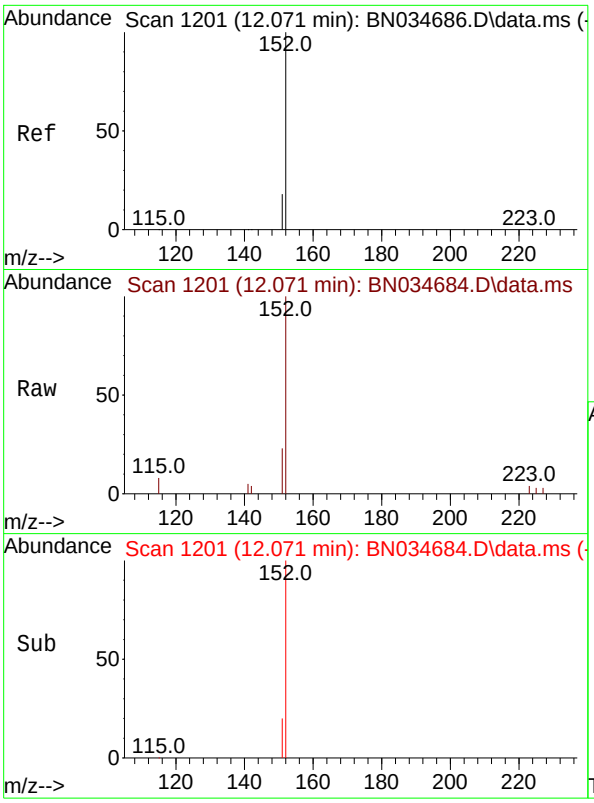


#10
Hexachlorobutadiene
Concen: 0.099 ng
RT: 10.831 min Scan# 988
Delta R.T. 0.000 min
Lab File: BN034684.D
Acq: 24 Oct 2024 09:11

Tgt Ion:225 Resp: 703

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	51.4	77.0



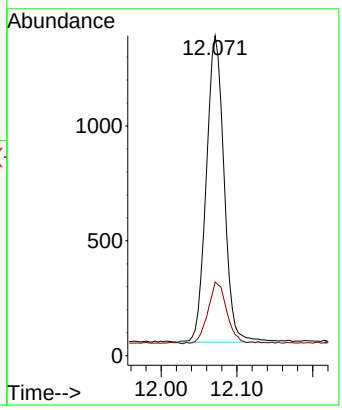


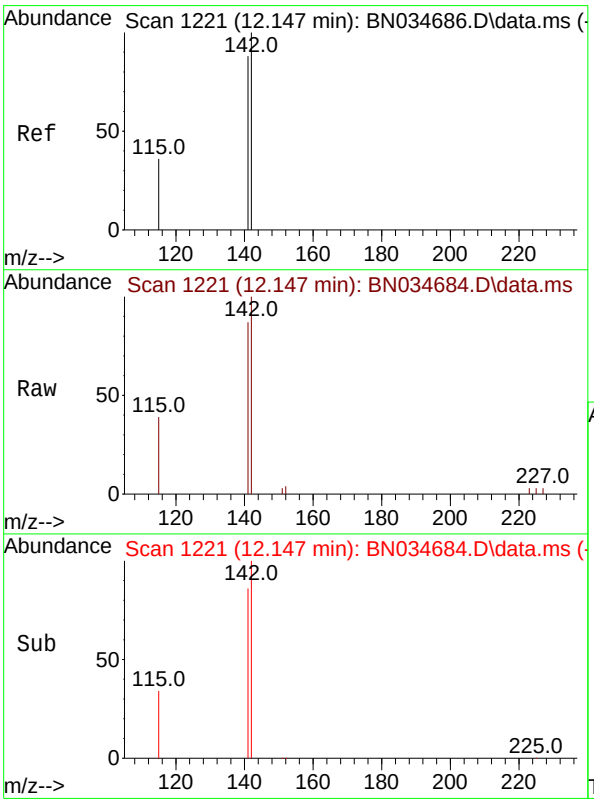
#11
2-Methylnaphthalene-d10
Concen: 0.096 ng
RT: 12.071 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN034684.D
Acq: 24 Oct 2024 09:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 2173

Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.7	25.1

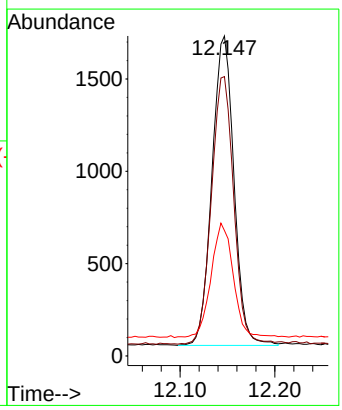


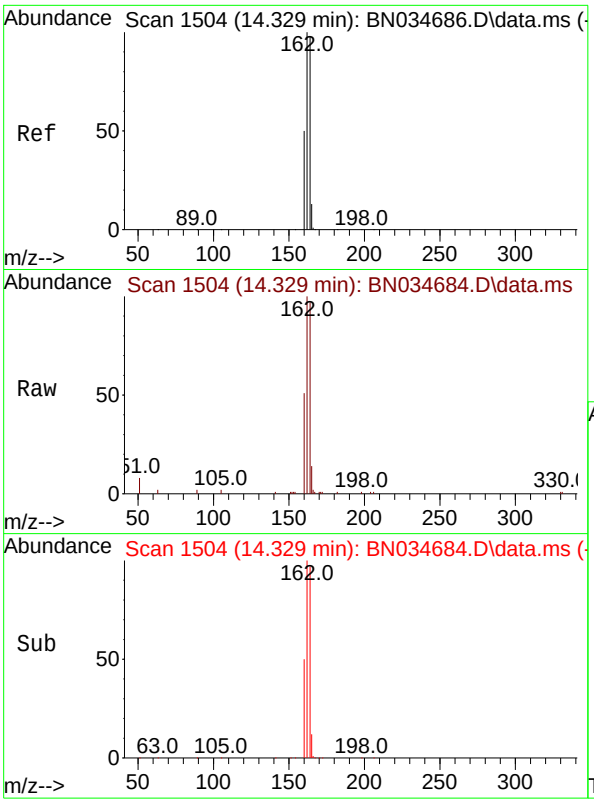


#12
2-Methylnaphthalene
Concen: 0.097 ng
RT: 12.147 min Scan# 1221
Delta R.T. 0.000 min
Lab File: BN034684.D
Acq: 24 Oct 2024 09:11

Tgt Ion:142 Resp: 2704

Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.4	105.6
115	39.2	29.8	44.6



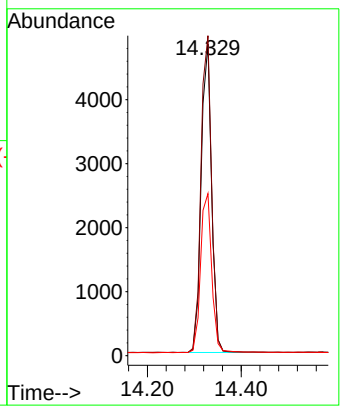


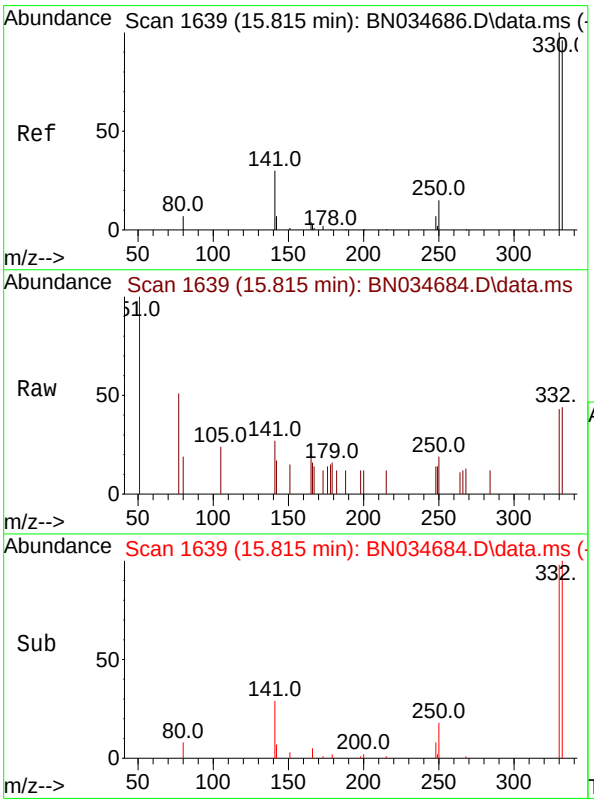
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.329 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN034684.D
Acq: 24 Oct 2024 09:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:164 Resp: 7436

Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.4	122.0
160	52.0	40.6	61.0

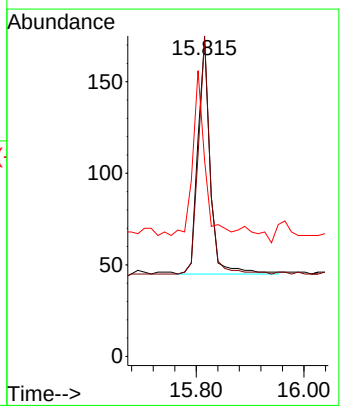


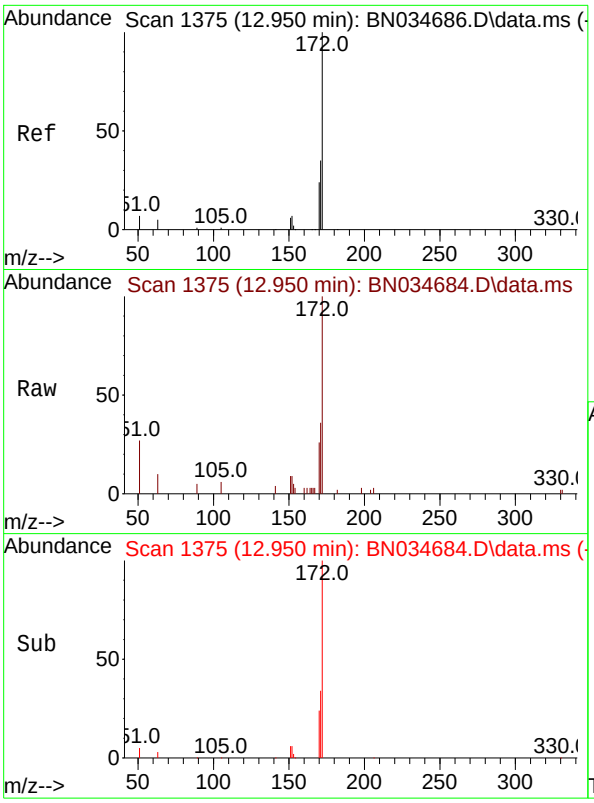


#14
2,4,6-Tribromophenol
Concen: 0.065 ng
RT: 15.815 min Scan# 1639
Delta R.T. 0.000 min
Lab File: BN034684.D
Acq: 24 Oct 2024 09:11

Tgt Ion:330 Resp: 205

Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.6	115.0
141	66.3	54.6	81.8



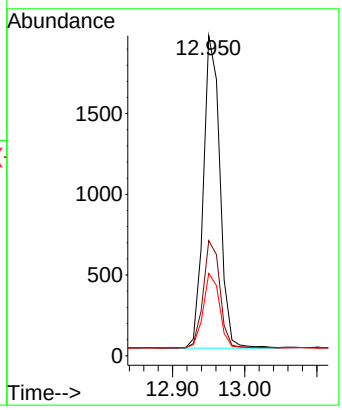


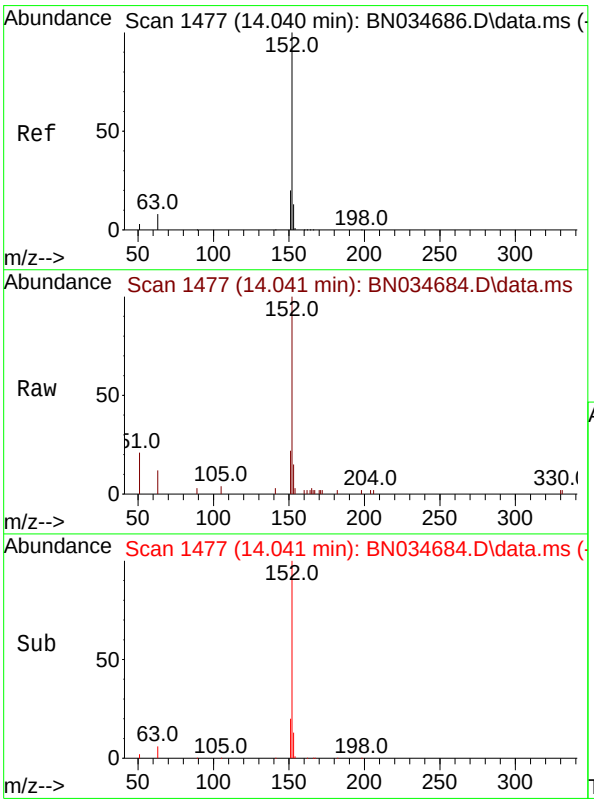
#15
2-Fluorobiphenyl
Concen: 0.105 ng
RT: 12.950 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN034684.D
Acq: 24 Oct 2024 09:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 3087

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.3	42.5
170	25.7	19.8	29.6

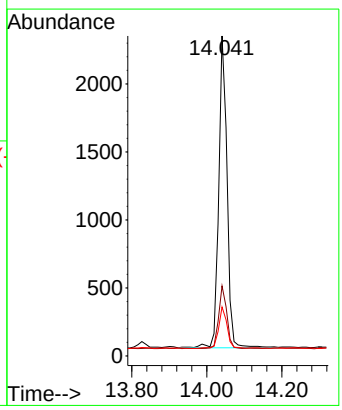


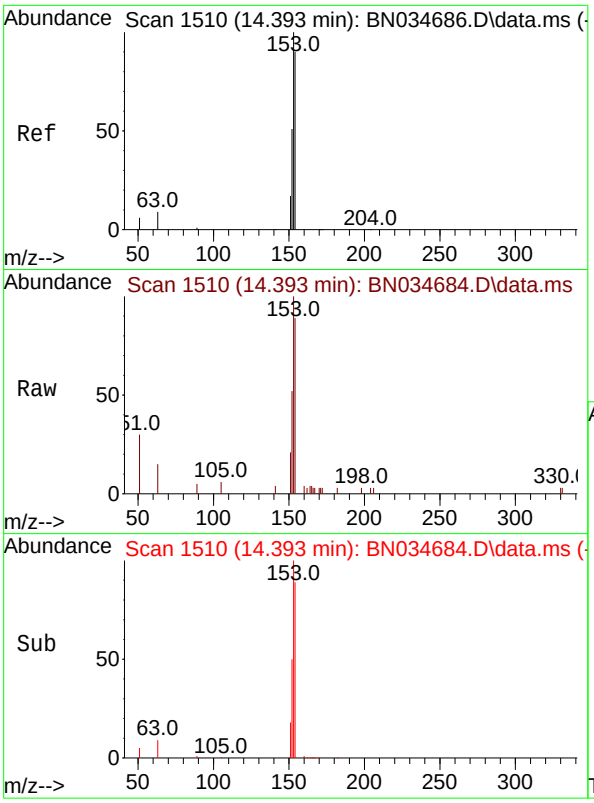


#16
Acenaphthylene
Concen: 0.099 ng
RT: 14.041 min Scan# 1477
Delta R.T. 0.000 min
Lab File: BN034684.D
Acq: 24 Oct 2024 09:11

Tgt Ion:152 Resp: 3532

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.6	23.4
153	13.5	10.6	15.8



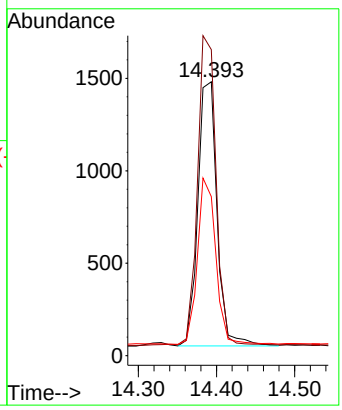


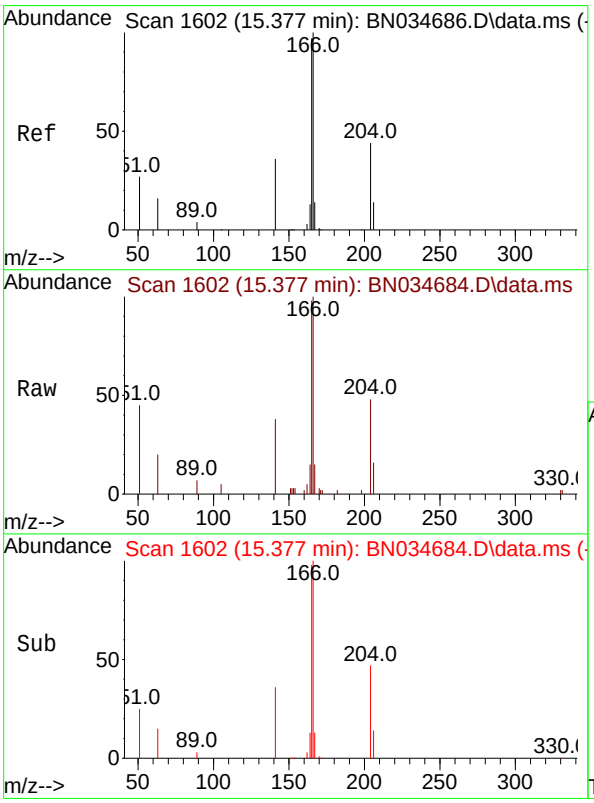
#17
Acenaphthene
Concen: 0.101 ng
RT: 14.393 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN034684.D
Acq: 24 Oct 2024 09:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:154 Resp: 2450

Ion	Ratio	Lower	Upper
154	100		
153	113.7	88.2	132.2
152	59.7	46.9	70.3

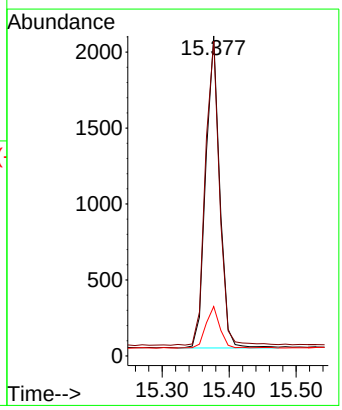


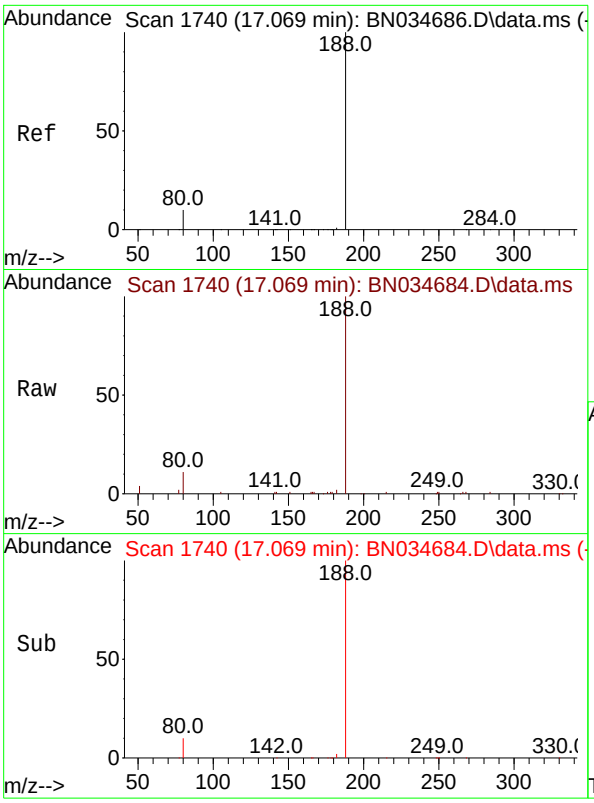


#18
Fluorene
Concen: 0.098 ng
RT: 15.377 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BN034684.D
Acq: 24 Oct 2024 09:11

Tgt Ion:166 Resp: 2971

Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.8	118.2
167	13.1	10.6	16.0



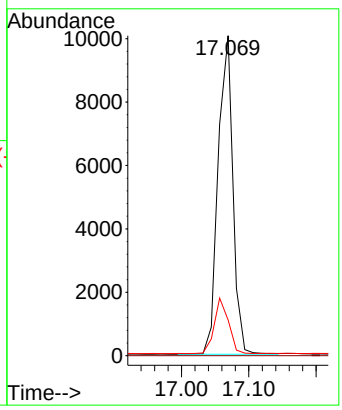


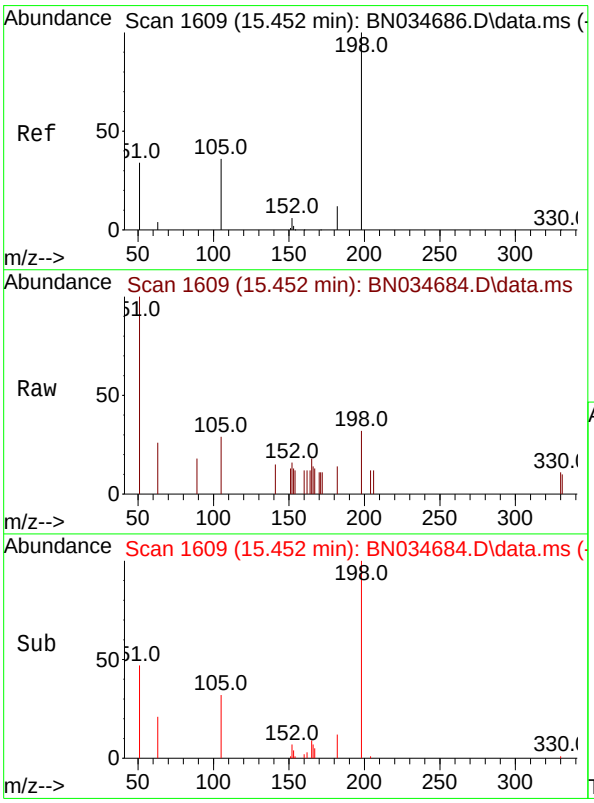
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.069 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN034684.D
Acq: 24 Oct 2024 09:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:188 Resp: 15281

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.1	8.9	13.3

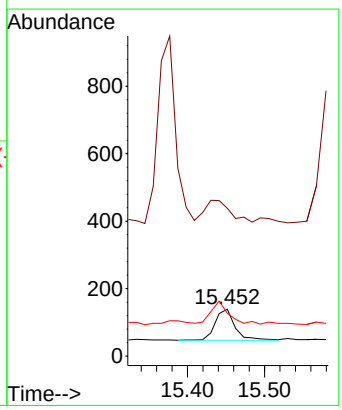


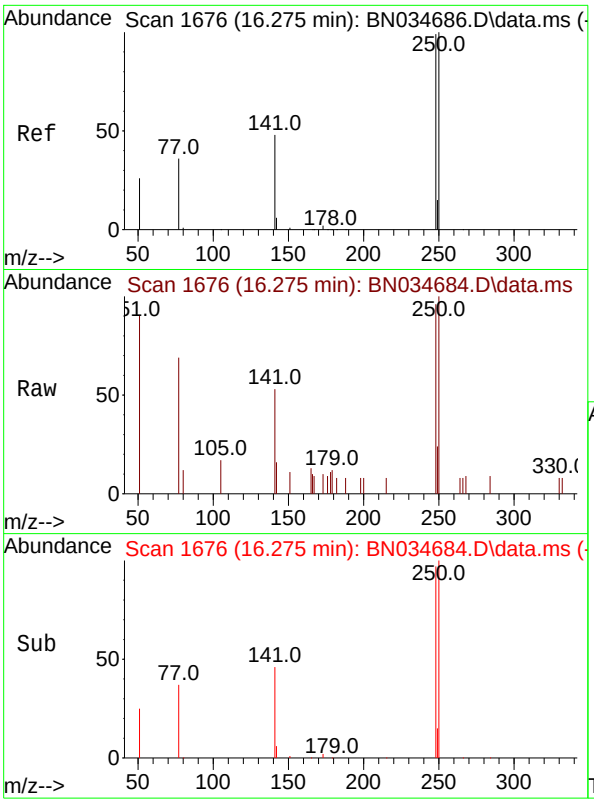


#20
4,6-Dinitro-2-methylphenol
Concen: 0.080 ng
RT: 15.452 min Scan# 1609
Delta R.T. 0.000 min
Lab File: BN034684.D
Acq: 24 Oct 2024 09:11

Tgt Ion:198 Resp: 167

Ion	Ratio	Lower	Upper
198	100		
51	315.1	91.8	137.8#
105	91.4	44.3	66.5#



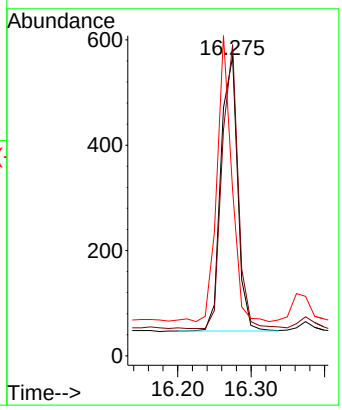


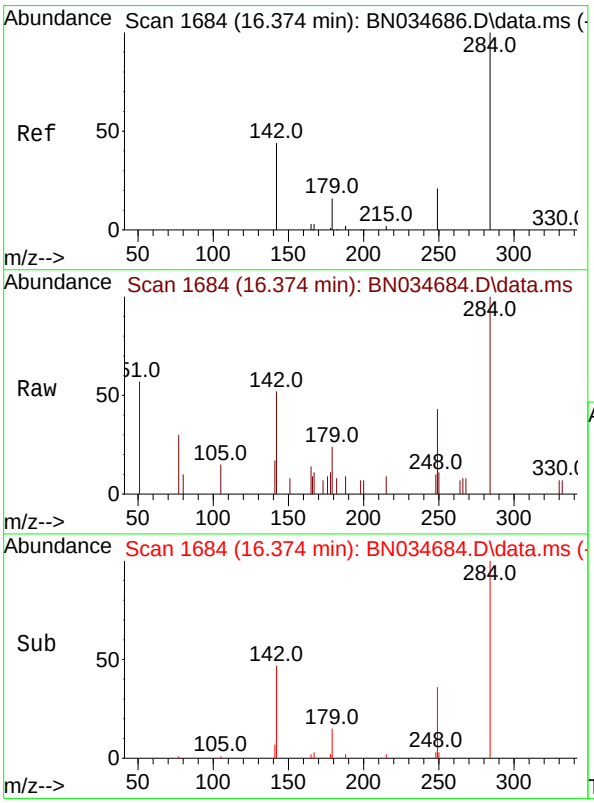
#21
4-Bromophenyl-phenylether
Concen: 0.099 ng
RT: 16.275 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN034684.D
Acq: 24 Oct 2024 09:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:248 Resp: 830

Ion	Ratio	Lower	Upper
248	100		
250	104.0	80.9	121.3
141	55.5	40.5	60.7

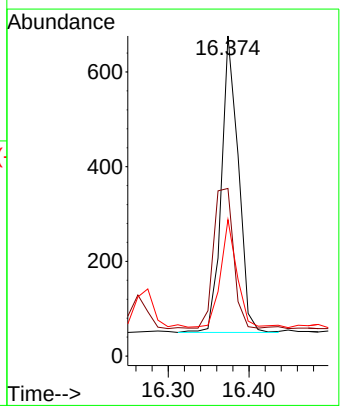


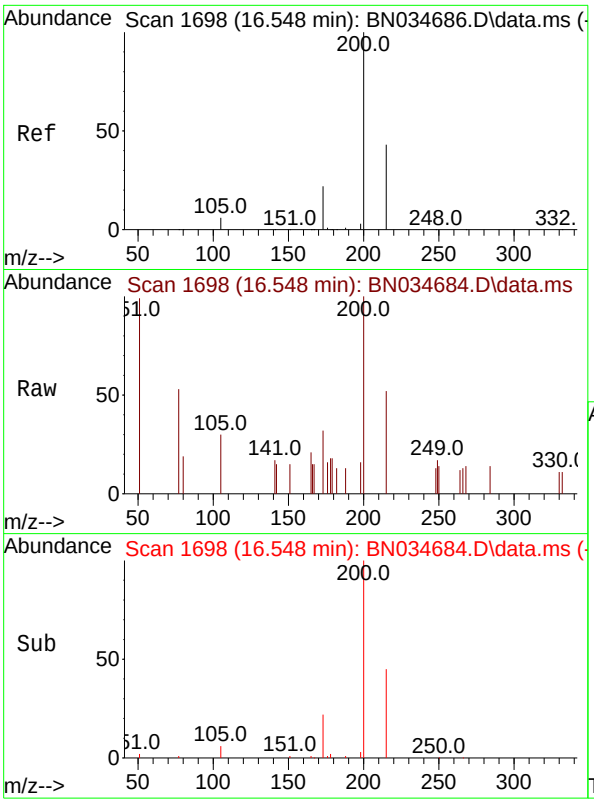


#22
Hexachlorobenzene
Concen: 0.098 ng
RT: 16.374 min Scan# 1684
Delta R.T. 0.000 min
Lab File: BN034684.D
Acq: 24 Oct 2024 09:11

Tgt Ion:284 Resp: 909

Ion	Ratio	Lower	Upper
284	100		
142	55.8	43.6	65.4
249	36.0	26.6	40.0



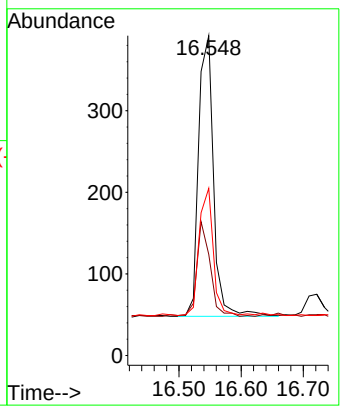


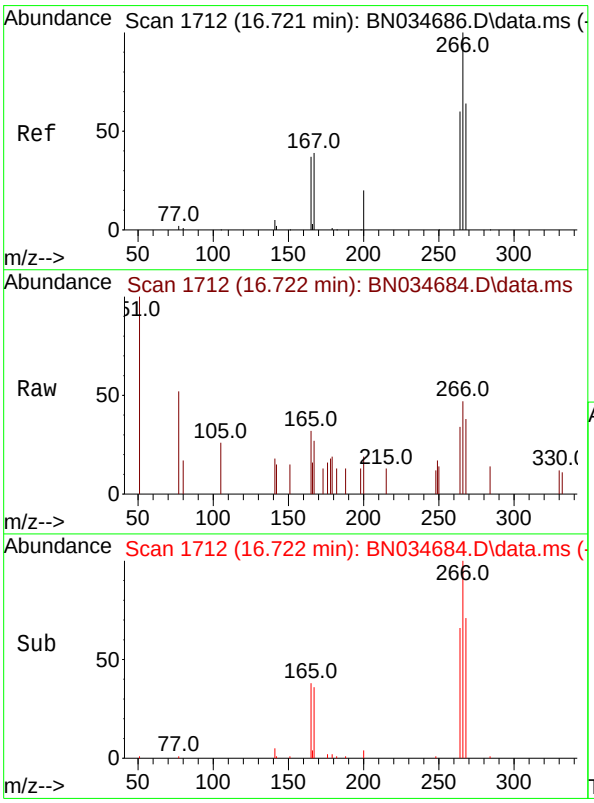
#23
Atrazine
Concen: 0.079 ng
RT: 16.548 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN034684.D
Acq: 24 Oct 2024 09:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:200 Resp: 577

Ion	Ratio	Lower	Upper
200	100		
173	31.6	19.7	29.5#
215	52.3	35.7	53.5

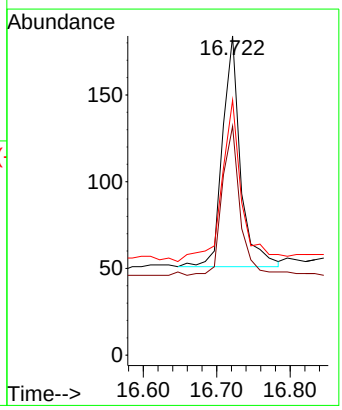


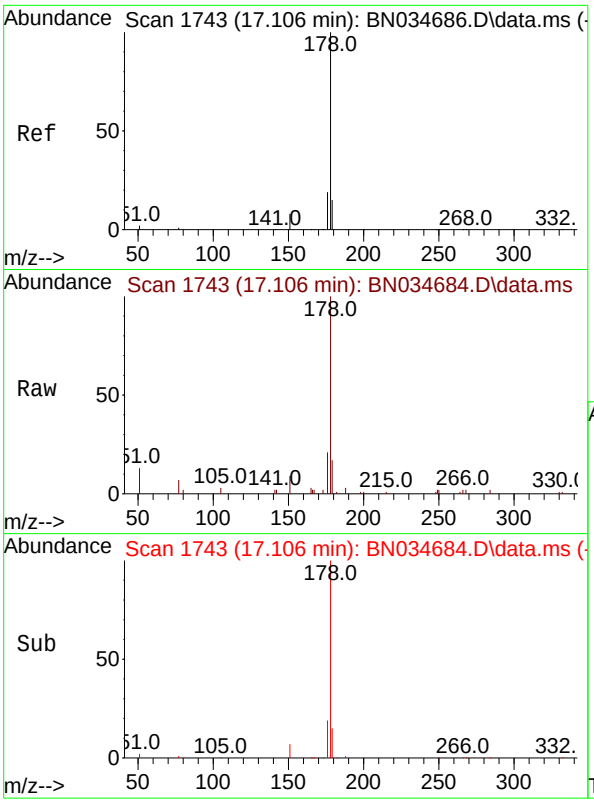


#24
Pentachlorophenol
Concen: 0.062 ng
RT: 16.722 min Scan# 1712
Delta R.T. 0.000 min
Lab File: BN034684.D
Acq: 24 Oct 2024 09:11

Tgt Ion:266 Resp: 226

Ion	Ratio	Lower	Upper
266	100		
264	65.0	49.4	74.2
268	77.4	50.5	75.7#



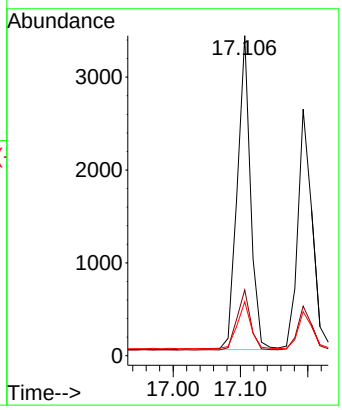


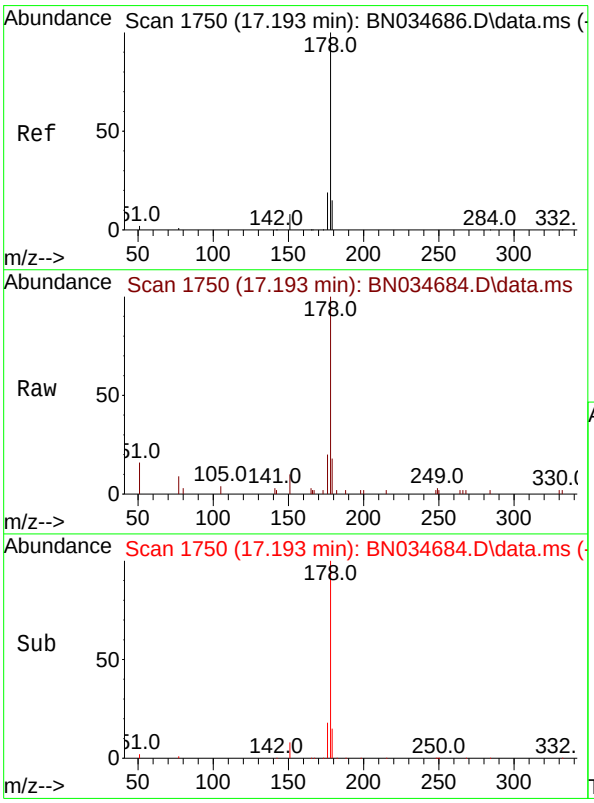
#25
Phenanthrene
Concen: 0.102 ng
RT: 17.106 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN034684.D
Acq: 24 Oct 2024 09:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 4637

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.2	12.2	18.4

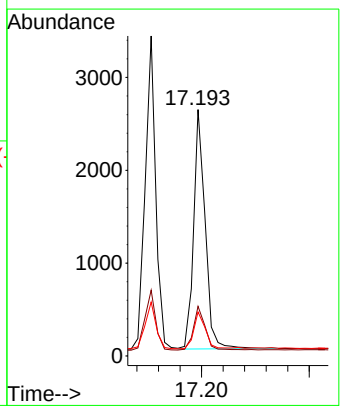


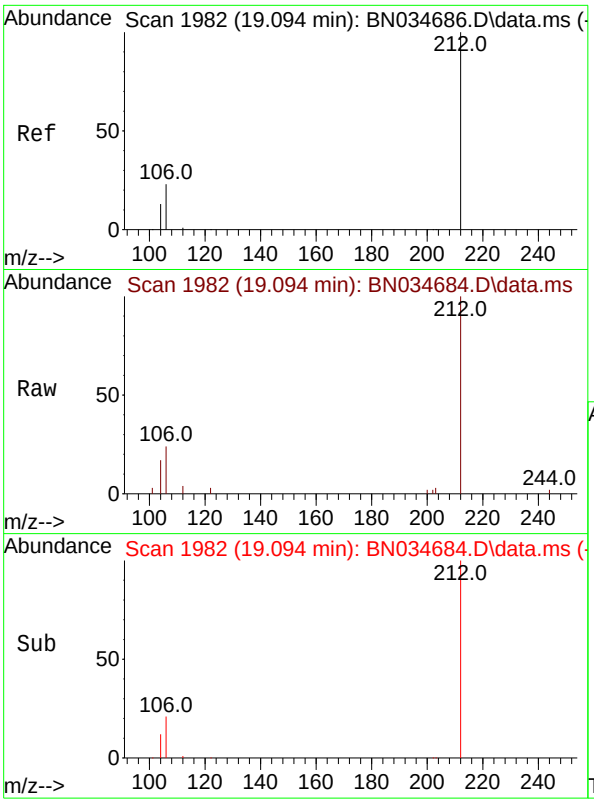


#26
Anthracene
Concen: 0.095 ng
RT: 17.193 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BN034684.D
Acq: 24 Oct 2024 09:11

Tgt Ion:178 Resp: 3843

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.3	12.2	18.2



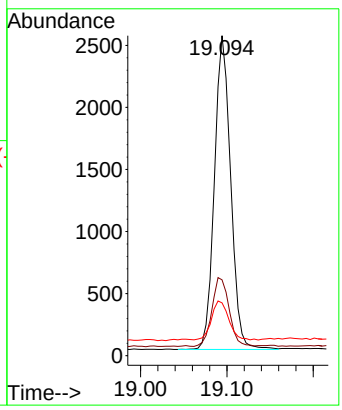


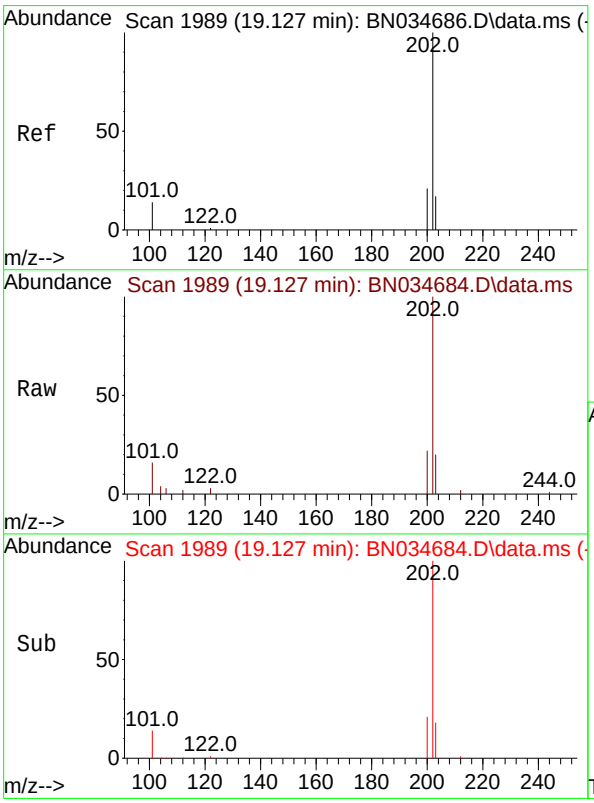
#27
Fluoranthene-d10
Concen: 0.089 ng
RT: 19.094 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN034684.D
Acq: 24 Oct 2024 09:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:212 Resp: 3322

Ion	Ratio	Lower	Upper
212	100		
106	23.1	17.8	26.8
104	13.2	10.2	15.4

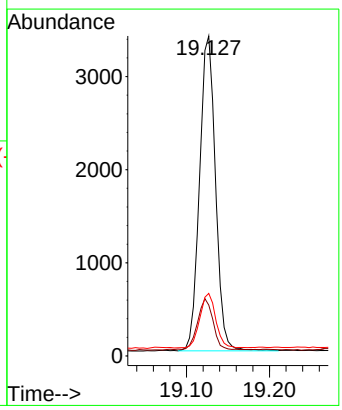


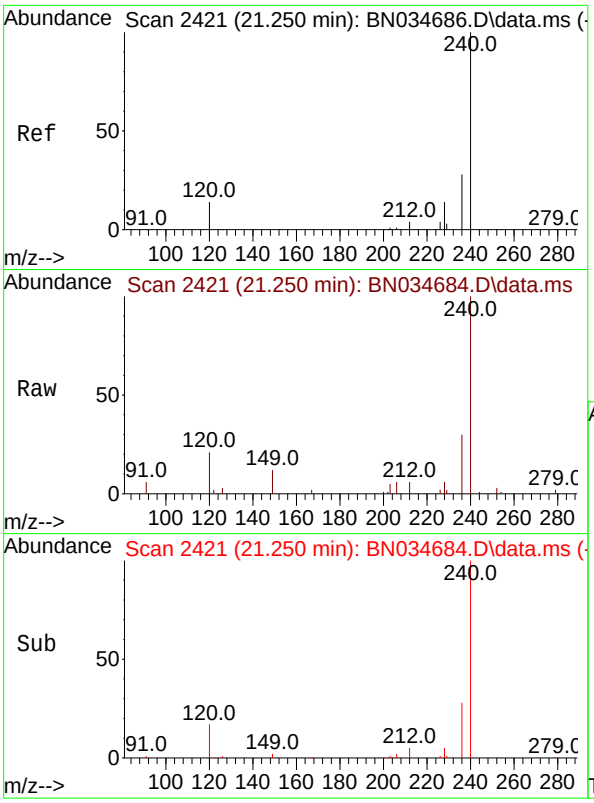


#28
Fluoranthene
Concen: 0.089 ng
RT: 19.127 min Scan# 1989
Delta R.T. 0.000 min
Lab File: BN034684.D
Acq: 24 Oct 2024 09:11

Tgt Ion:202 Resp: 4537

Ion	Ratio	Lower	Upper
202	100		
101	15.5	12.8	19.2
203	17.2	13.5	20.3



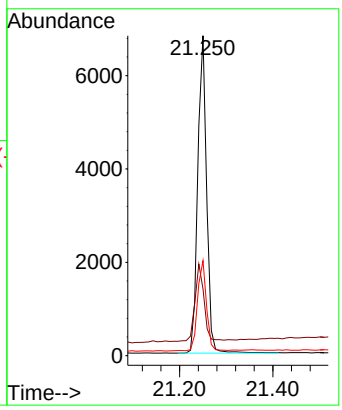


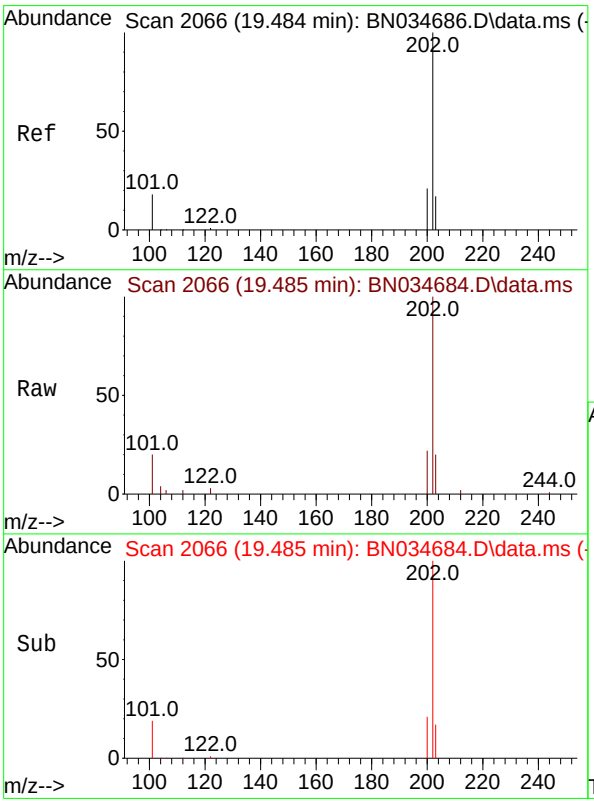
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.250 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN034684.D
Acq: 24 Oct 2024 09:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 9023

Ion	Ratio	Lower	Upper
240	100		
120	20.9	14.2	21.2
236	29.7	23.1	34.7

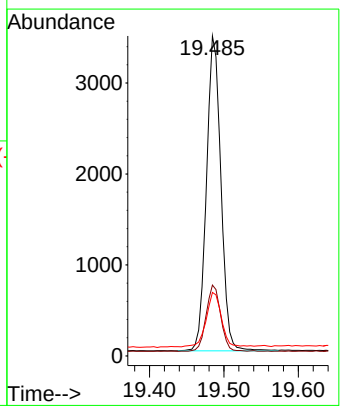


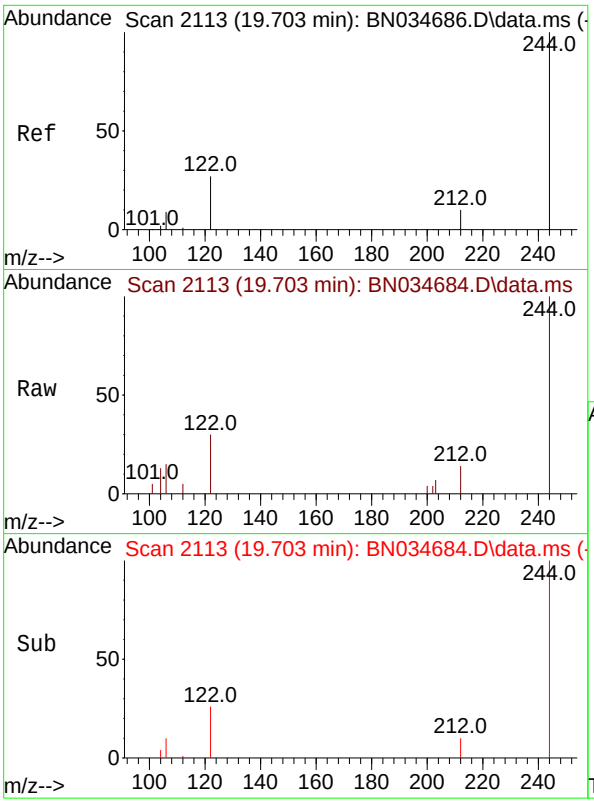


#30
Pyrene
Concen: 0.116 ng
RT: 19.485 min Scan# 2066
Delta R.T. 0.000 min
Lab File: BN034684.D
Acq: 24 Oct 2024 09:11

Tgt Ion:202 Resp: 4660

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	25.0
203	18.3	14.2	21.4



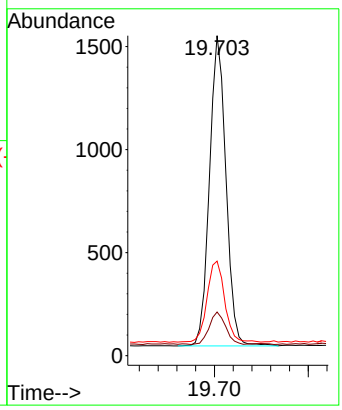


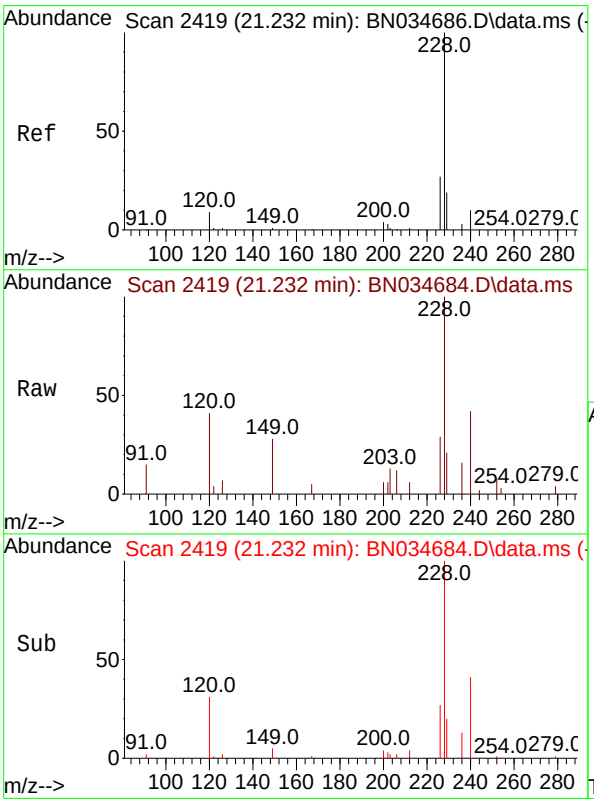
#31
Terphenyl-d14
Concen: 0.105 ng
RT: 19.703 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN034684.D
Acq: 24 Oct 2024 09:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 1833

Ion	Ratio	Lower	Upper
244	100		
212	13.7	8.6	13.0#
122	29.6	22.3	33.5

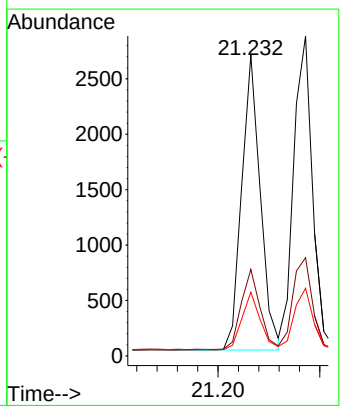


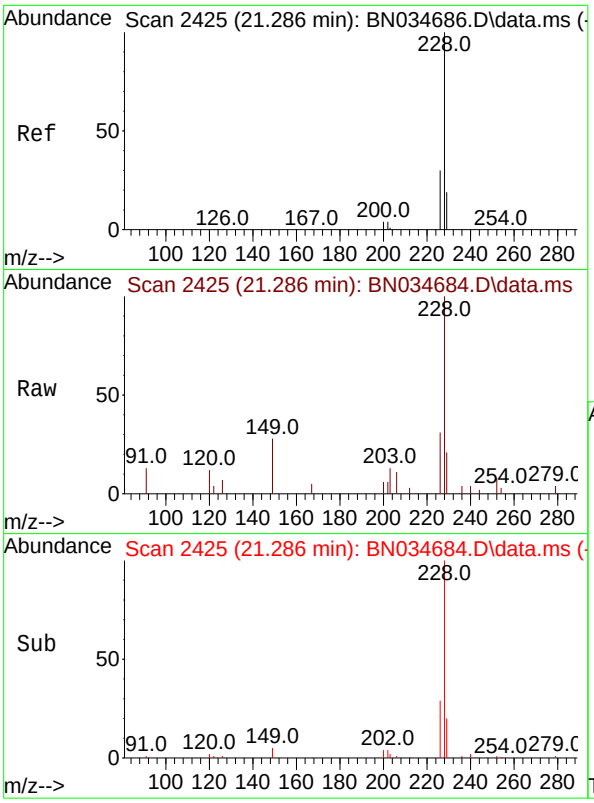


#32
Benzo(a)anthracene
Concen: 0.099 ng
RT: 21.232 min Scan# 2419
Delta R.T. 0.000 min
Lab File: BN034684.D
Acq: 24 Oct 2024 09:11

Tgt Ion:228 Resp: 3389

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.0	33.0
229	21.2	15.6	23.4



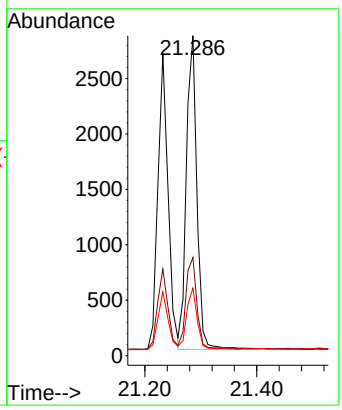


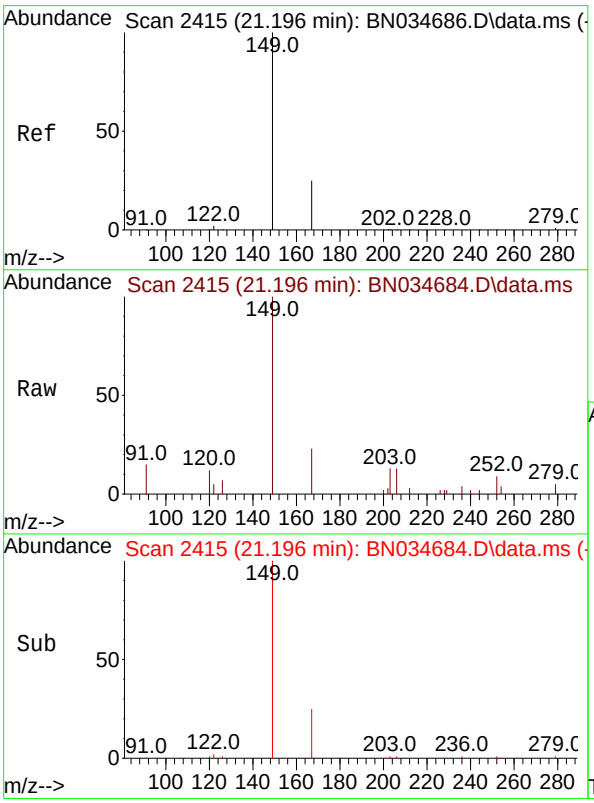
#33
Chrysene
Concen: 0.109 ng
RT: 21.286 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN034684.D
Acq: 24 Oct 2024 09:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 3705

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.1	36.1
229	21.1	15.8	23.8

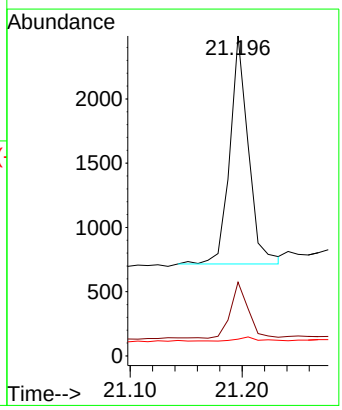


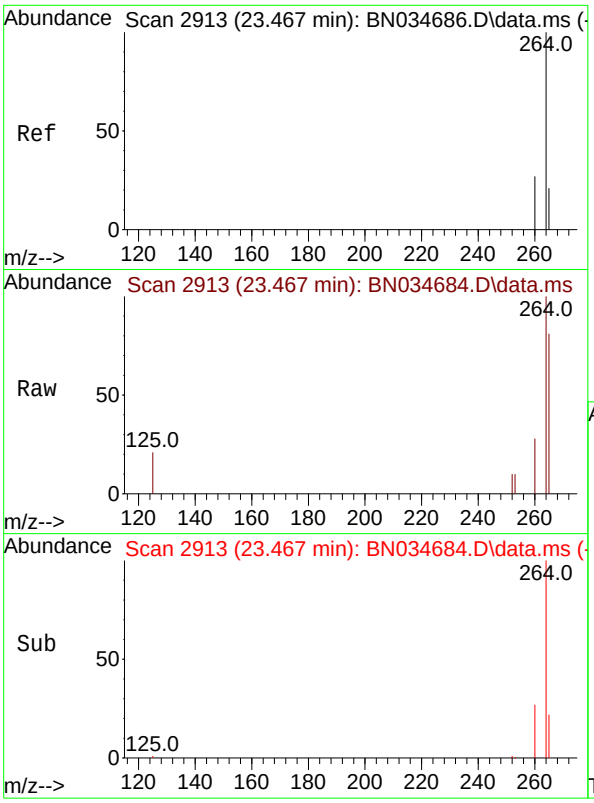


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.087 ng
RT: 21.196 min Scan# 2415
Delta R.T. 0.000 min
Lab File: BN034684.D
Acq: 24 Oct 2024 09:11

Tgt Ion:149 Resp: 2033

Ion	Ratio	Lower	Upper
149	100		
167	23.0	19.7	29.5
279	1.7	1.8	2.6#



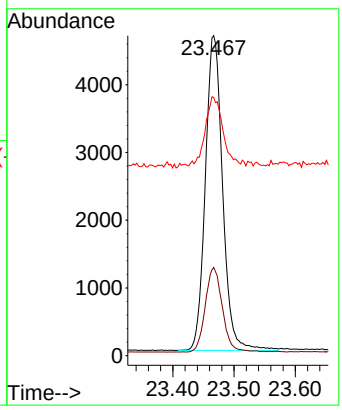


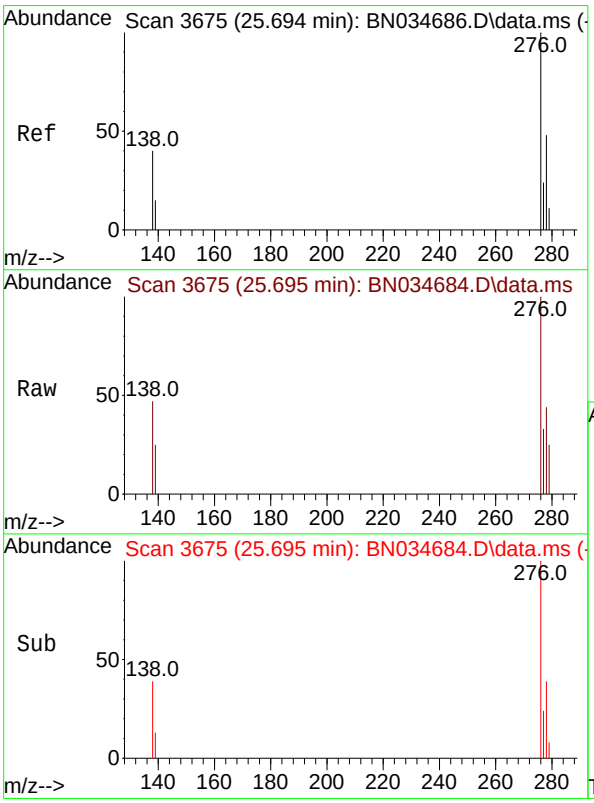
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.467 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN034684.D
Acq: 24 Oct 2024 09:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:264 Resp: 9104

Ion	Ratio	Lower	Upper
264	100		
260	27.6	21.9	32.9
265	80.7	60.6	91.0

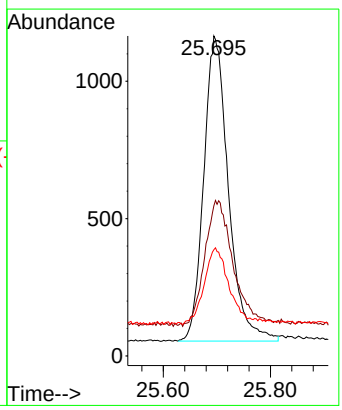


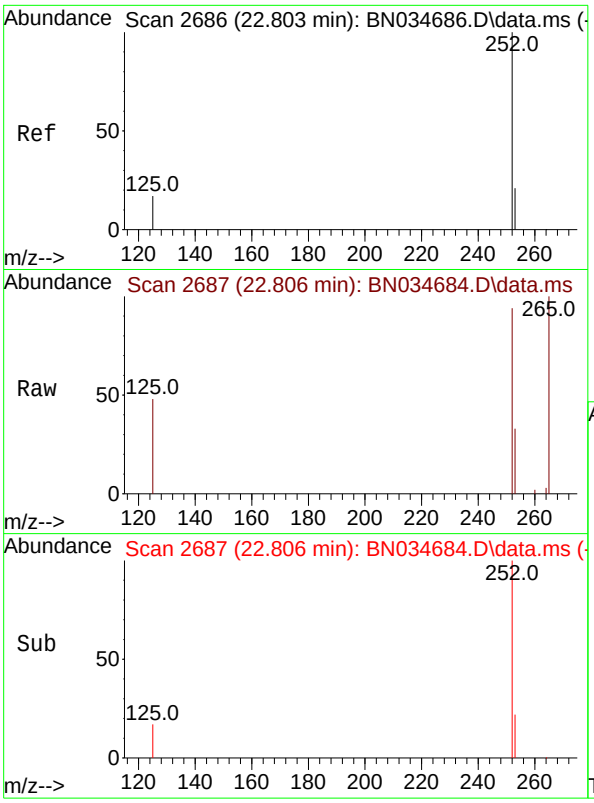


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.101 ng
RT: 25.695 min Scan# 3675
Delta R.T. 0.000 min
Lab File: BN034684.D
Acq: 24 Oct 2024 09:11

Tgt Ion:276 Resp: 3556

Ion	Ratio	Lower	Upper
276	100		
138	47.7	35.1	52.7
277	25.1	19.7	29.5



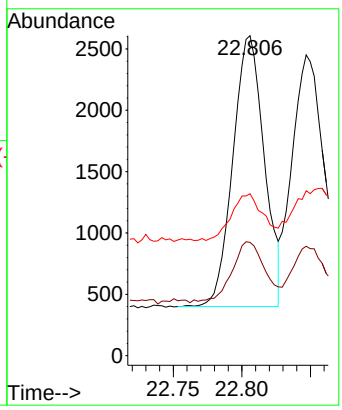


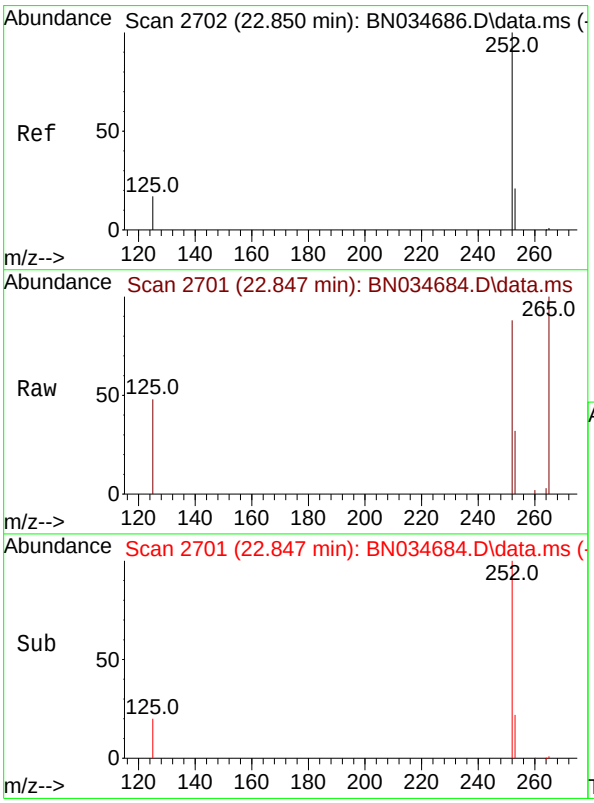
#37
Benzo(b)fluoranthene
Concen: 0.107 ng
RT: 22.806 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN034684.D
Acq: 24 Oct 2024 09:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 3512

Ion	Ratio	Lower	Upper
252	100		
253	35.4	20.0	30.0#
125	50.6	20.9	31.3#

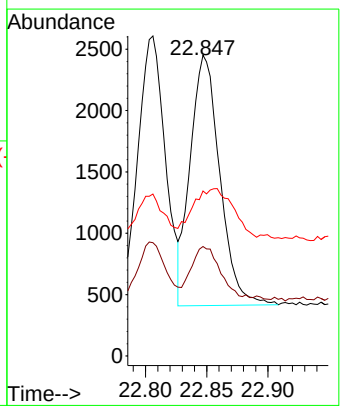


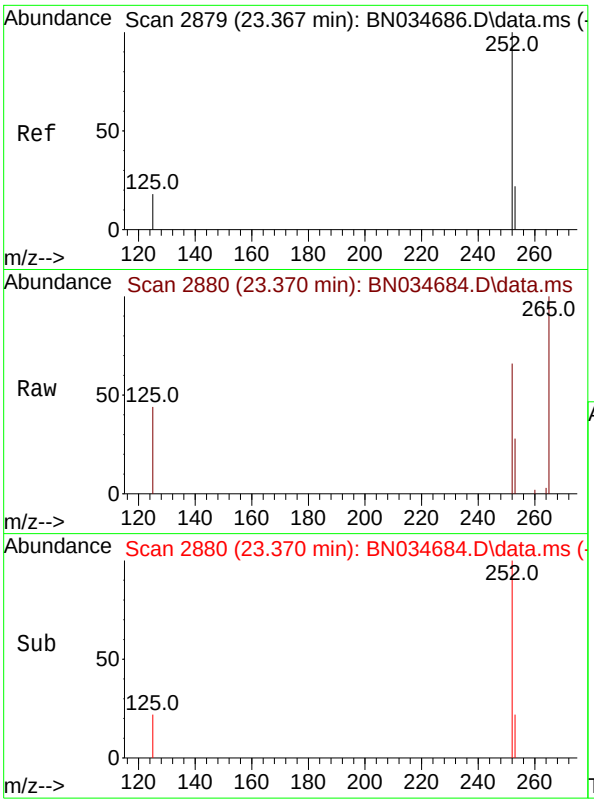


#38
Benzo(k)fluoranthene
Concen: 0.107 ng
RT: 22.847 min Scan# 2701
Delta R.T. -0.003 min
Lab File: BN034684.D
Acq: 24 Oct 2024 09:11

Tgt Ion:252 Resp: 3438

Ion	Ratio	Lower	Upper
252	100		
253	36.4	20.6	31.0#
125	54.9	21.6	32.4#



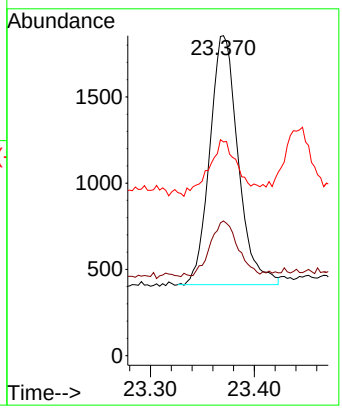


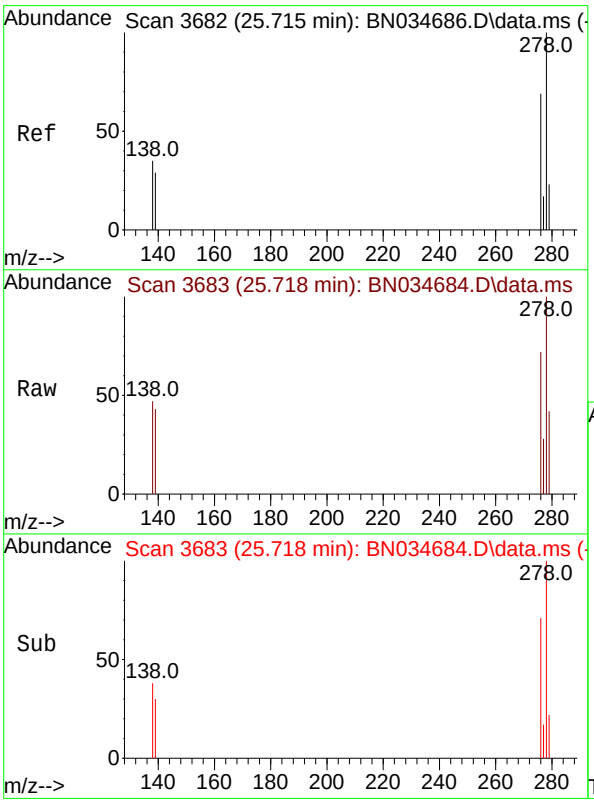
#39
Benzo(a)pyrene
Concen: 0.098 ng
RT: 23.370 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN034684.D
Acq: 24 Oct 2024 09:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 2737

Ion	Ratio	Lower	Upper
252	100		
253	42.1	22.2	33.4#
125	66.8	26.0	39.0#

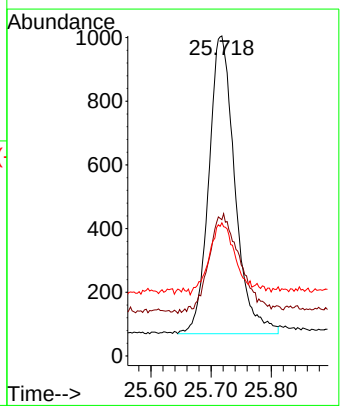


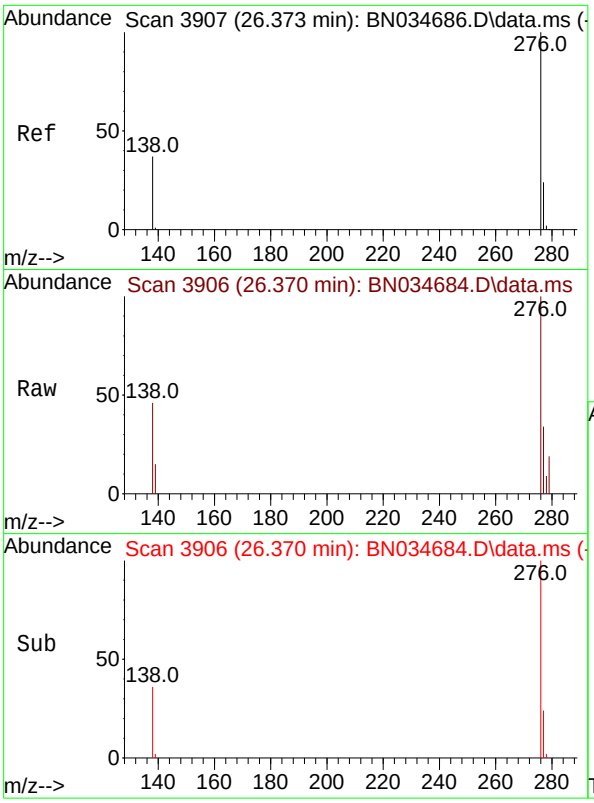


#40
Dibenzo(a,h)anthracene
Concen: 0.102 ng
RT: 25.718 min Scan# 3683
Delta R.T. 0.003 min
Lab File: BN034684.D
Acq: 24 Oct 2024 09:11

Tgt Ion:278 Resp: 2812

Ion	Ratio	Lower	Upper
278	100		
139	42.6	25.4	38.2#
279	41.6	22.4	33.6#





#41
Benzo(g,h,i)perylene
Concen: 0.105 ng
RT: 26.370 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN034684.D
Acq: 24 Oct 2024 09:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 3179

Ion	Ratio	Lower	Upper
276	100		
277	34.0	21.3	31.9#
138	45.5	31.9	47.9