Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102424\
Data File : BN034707.D
Acq On : 25 Oct 2024 00:38
Operator : RC/JU
Sample : PB164230BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB164230BS

Quant Time: Oct 25 02:09:09 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	6198	0.400	ng		0.00
7) Naphthalene-d8	10.479	136	17304	0.400	ng		0.00
13) Acenaphthene-d10	14.325	164	7375	0.400	ng		0.00
19) Phenanthrene-d10	17.064	188	13485	0.400	ng	#	0.00
29) Chrysene-d12	21.248	240	6398	0.400	ng		0.00
35) Perylene-d12	23.461	264	2191	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.322	112	5402	0.293	ng		0.00
5) Phenol-d6	6.882	99	6990	0.288	ng		0.00
8) Nitrobenzene-d5	8.845	82	4867	0.335	ng		0.00
11) 2-Methylnaphthalene-d10	12.071	152	7709	0.324	ng		0.00
14) 2,4,6-Tribromophenol	15.810	330	549	0.241	ng		0.00
15) 2-Fluorobiphenyl	12.957	172	10497	0.358	ng		0.00
27) Fluoranthene-d10	19.092	212	9427	0.310	ng		0.00
31) Terphenyl-d14	19.700	244	5228	0.400	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.285	88	2436	0.295	ng	#	44
3) n-Nitrosodimethylamine	3.581	42	4716	0.393	ng	#	89
6) bis(2-Chloroethyl)ether	7.142	93	7146	0.362	ng		99
9) Naphthalene	10.532	128	16862	0.352	ng		100
10) Hexachlorobutadiene	10.831	225	2444	0.340	ng	#	99
12) 2-Methylnaphthalene	12.143	142	10054	0.338	ng		99
16) Acenaphthylene	14.037	152	11835	0.334	ng		99
17) Acenaphthene	14.389	154	8575	0.351	ng		99
18) Fluorene	15.373	166	10462	0.347	ng		99
20) 4,6-Dinitro-2-methylph...	15.448	198	605	0.322	ng		93
21) 4-Bromophenyl-phenylether	16.269	248	2527	0.351	ng	#	94
22) Hexachlorobenzene	16.381	284	2824	0.362	ng		97
24) Pentachlorophenol	16.716	266	1690	0.613	ng		98
25) Phenanthrene	17.101	178	14902	0.368	ng		100
26) Anthracene	17.188	178	12671	0.352	ng		100
28) Fluoranthene	19.124	202	13533	0.320	ng		99
30) Pyrene	19.482	202	11894	0.362	ng		100
32) Benzo(a)anthracene	21.230	228	9203	0.377	ng		99
33) Chrysene	21.283	228	10468	0.414	ng		99
34) Bis(2-ethylhexyl)phtha...	21.194	149	5346	0.386	ng		99
36) Indeno(1,2,3-cd)pyrene	25.683	276	6332	0.750	ng		95
37) Benzo(b)fluoranthene	22.798	252	8482	0.969	ng	#	92
38) Benzo(k)fluoranthene	22.798	252	8482	0.983	ng		94
39) Benzo(a)pyrene	23.365	252	4692	0.668	ng	#	78
40) Dibenzo(a,h)anthracene	25.707	278	6035	0.907	ng		91
41) Benzo(g,h,i)perylene	26.362	276	5197	0.708	ng		93

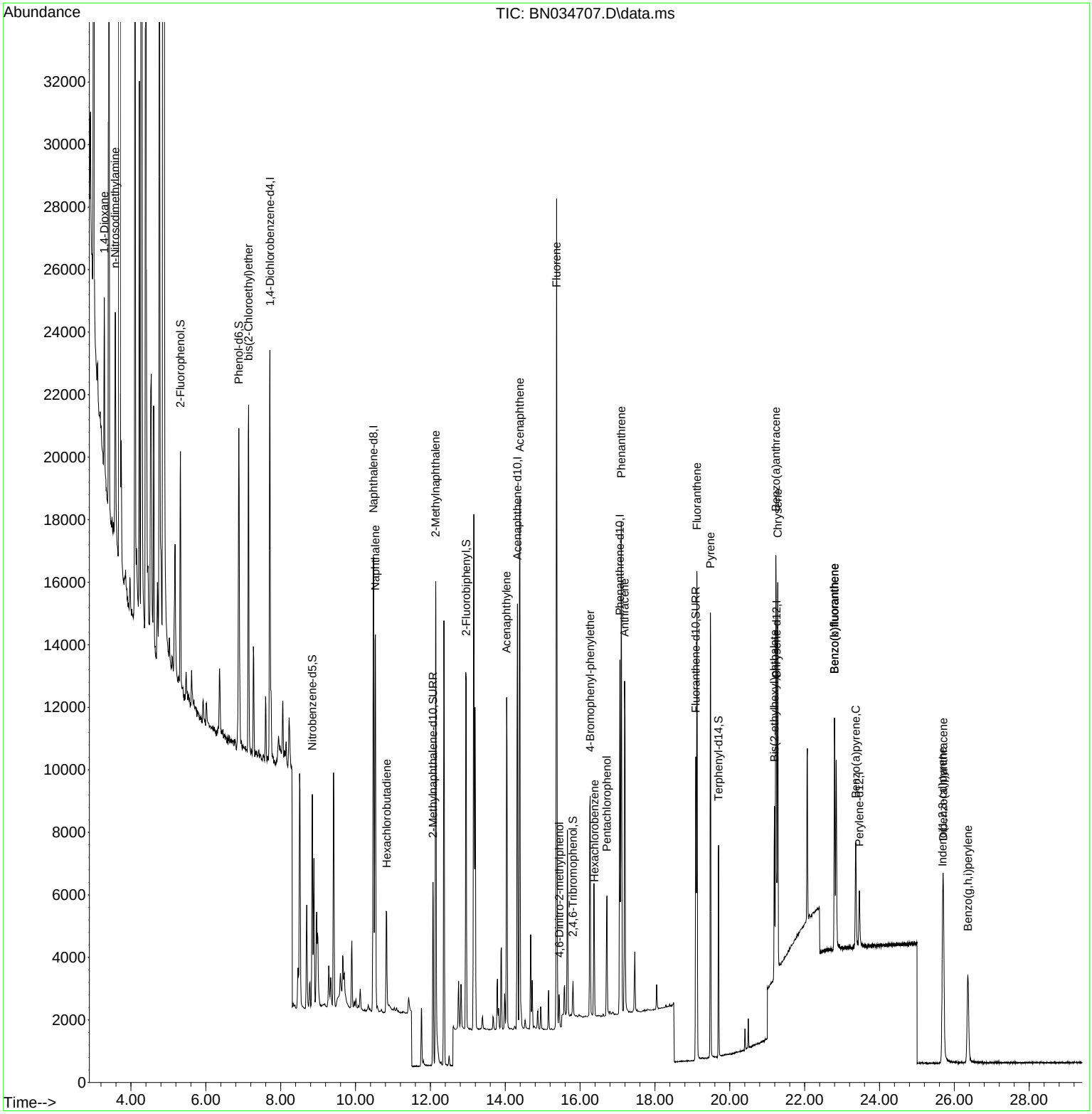
(#) = qualifier out of range (m) = manual integration (+) = signals summed

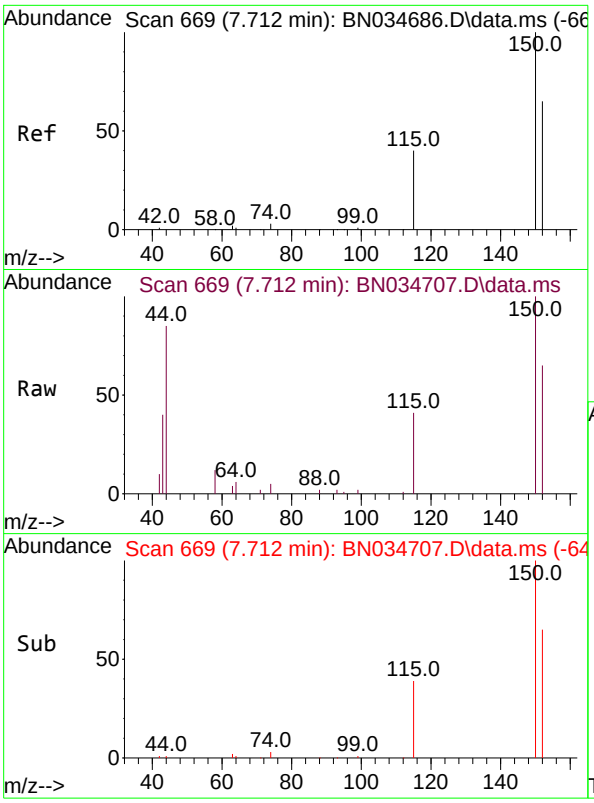
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102424\
Data File : BN034707.D
Acq On : 25 Oct 2024 00:38
Operator : RC/JU
Sample : PB164230BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB164230BS

Quant Time: Oct 25 02:09:09 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



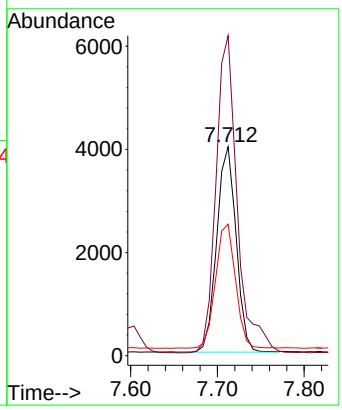


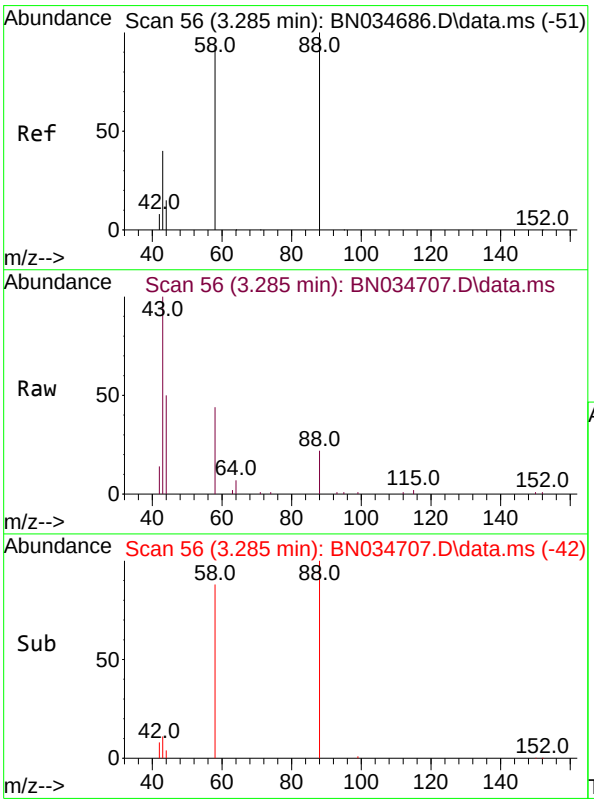
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.712 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN034707.D
Acq: 25 Oct 2024 00:38

Instrument :
BNA_N
ClientSampleId :
PB164230BS

Tgt Ion:152 Resp: 6198

Ion	Ratio	Lower	Upper
152	100		
150	153.2	122.7	184.1
115	63.0	51.0	76.6

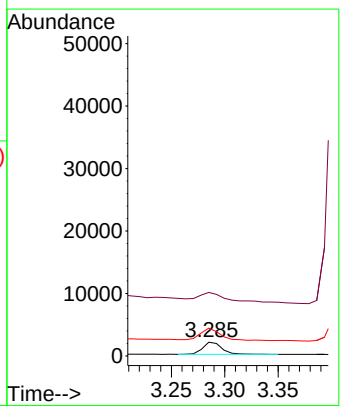


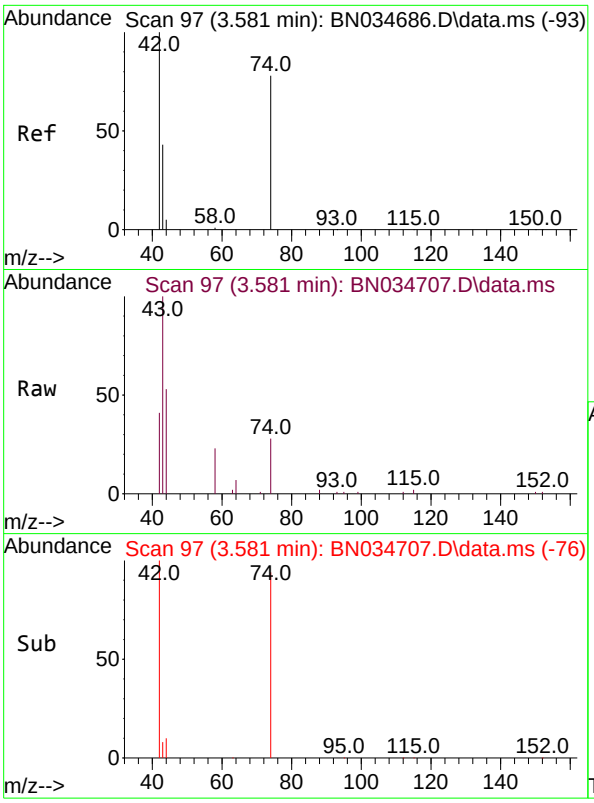


#2
1,4-Dioxane
Concen: 0.295 ng
RT: 3.285 min Scan# 56
Delta R.T. 0.000 min
Lab File: BN034707.D
Acq: 25 Oct 2024 00:38

Tgt Ion: 88 Resp: 2436

Ion	Ratio	Lower	Upper
88	100		
43	133.6	32.1	48.1#
58	105.6	73.7	110.5



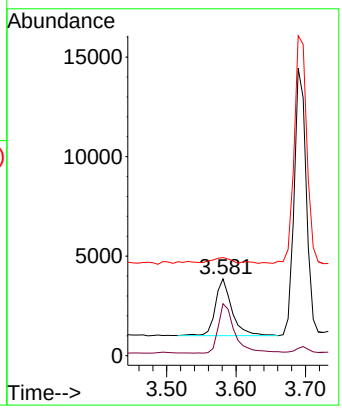


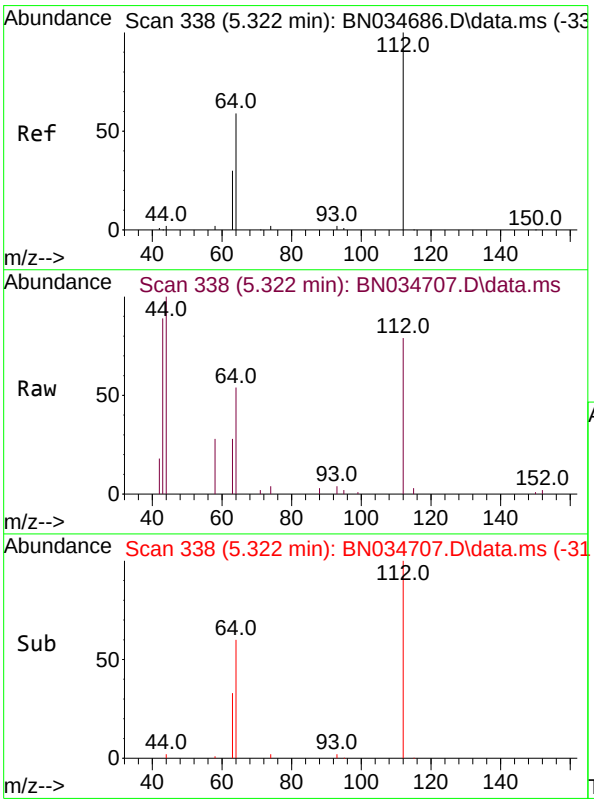
#3
n-Nitrosodimethylamine
Concen: 0.393 ng
RT: 3.581 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN034707.D
Acq: 25 Oct 2024 00:38

Instrument :
BNA_N
ClientSampleId :
PB164230BS

Tgt Ion: 42 Resp: 4716

Ion	Ratio	Lower	Upper
42	100		
74	86.6	77.2	115.8
44	10.7	13.4	20.2#

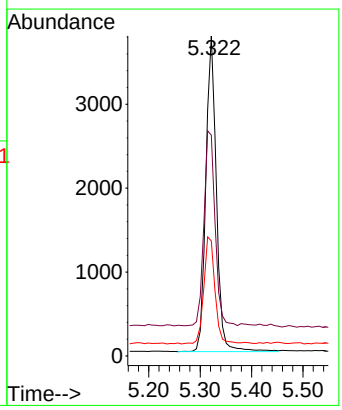


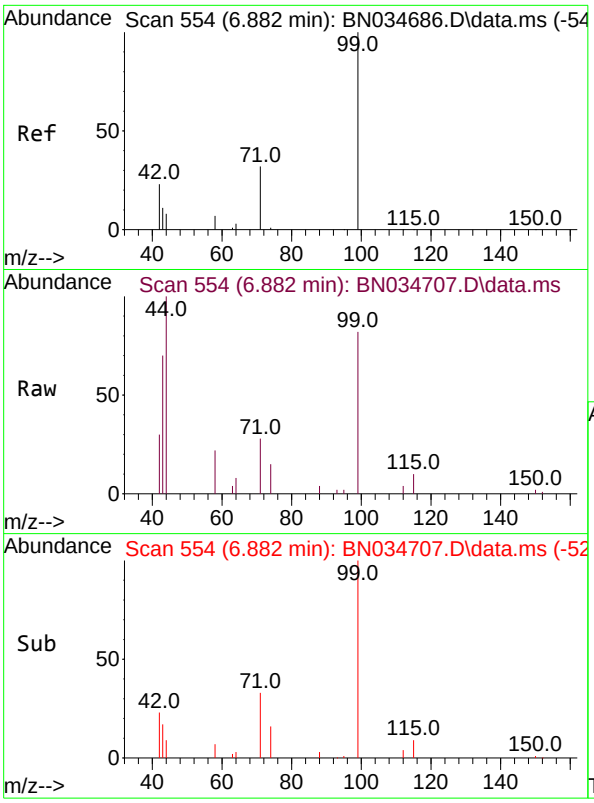


#4
2-Fluorophenol
Concen: 0.293 ng
RT: 5.322 min Scan# 338
Delta R.T. 0.000 min
Lab File: BN034707.D
Acq: 25 Oct 2024 00:38

Tgt Ion:112 Resp: 5402

Ion	Ratio	Lower	Upper
112	100		
64	64.8	53.0	79.6
63	36.0	27.6	41.4



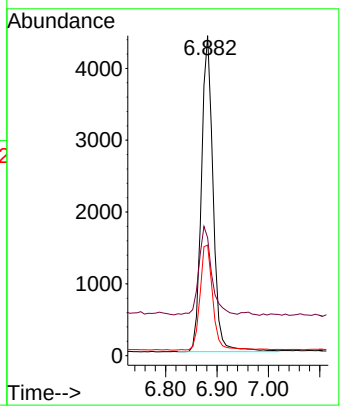


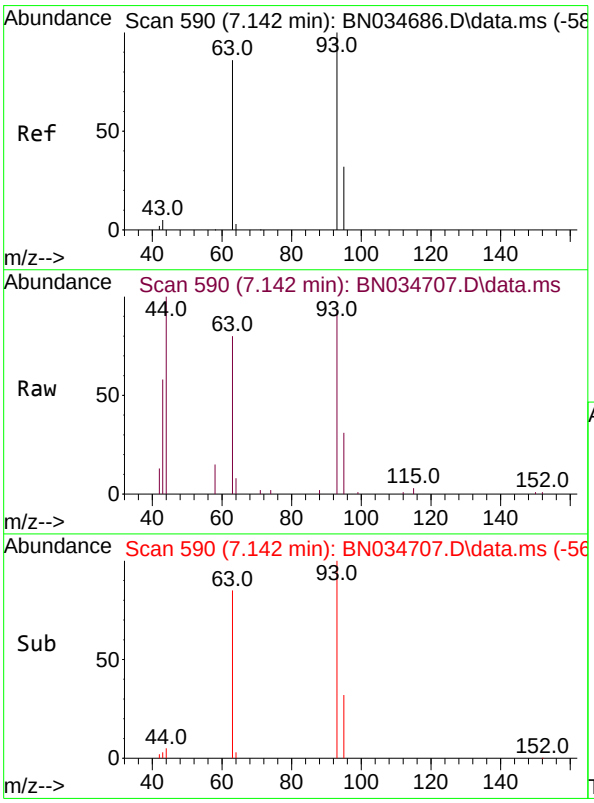
#5
Phenol-d6
Concen: 0.288 ng
RT: 6.882 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN034707.D
Acq: 25 Oct 2024 00:38

Instrument :
BNA_N
ClientSampleId :
PB164230BS

Tgt Ion: 99 Resp: 6990

Ion	Ratio	Lower	Upper
99	100		
42	30.6	21.8	32.8
71	35.9	26.6	40.0

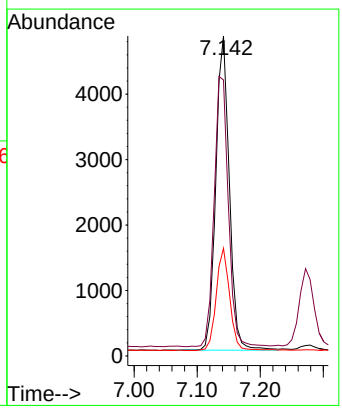


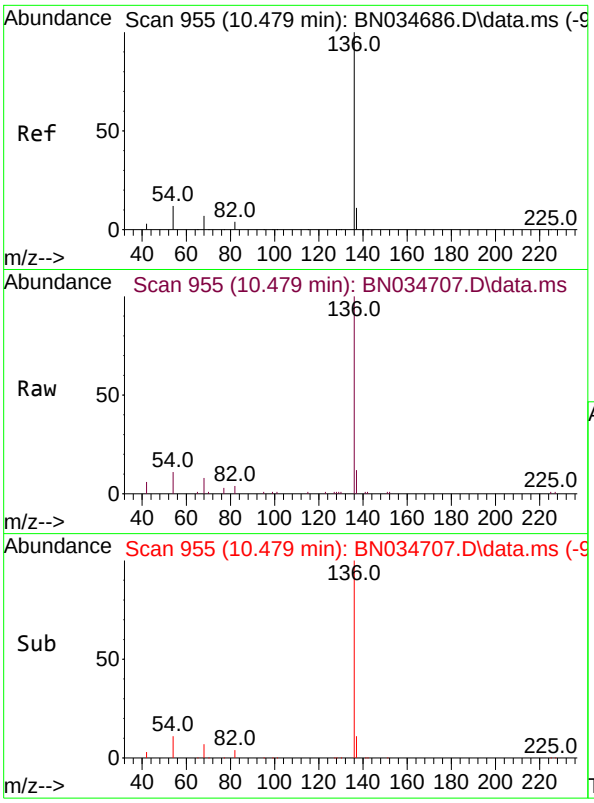


#6
bis(2-Chloroethyl)ether
Concen: 0.362 ng
RT: 7.142 min Scan# 590
Delta R.T. 0.000 min
Lab File: BN034707.D
Acq: 25 Oct 2024 00:38

Tgt Ion: 93 Resp: 7146

Ion	Ratio	Lower	Upper
93	100		
63	90.2	71.5	107.3
95	32.5	25.8	38.6



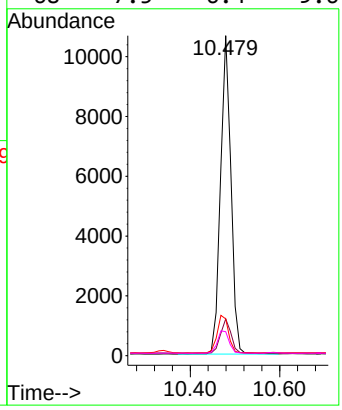


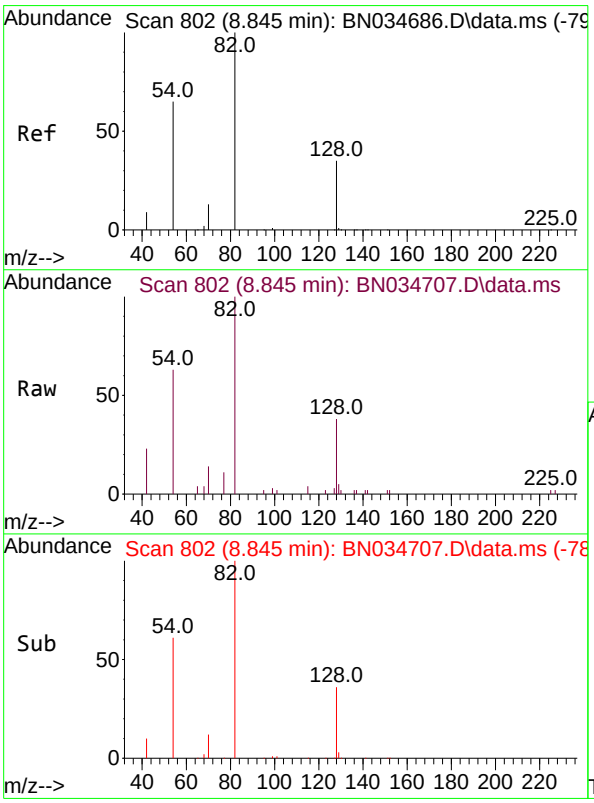
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.479 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN034707.D
Acq: 25 Oct 2024 00:38

Instrument :
BNA_N
ClientSampleId :
PB164230BS

Tgt Ion:136 Resp: 17304

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	11.5	9.8	14.8
68	7.5	6.4	9.6

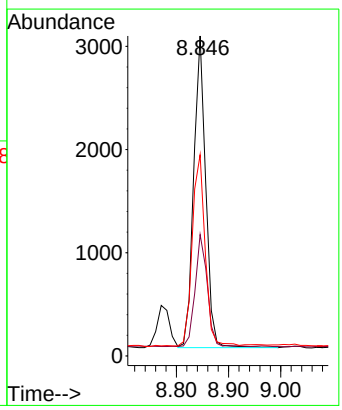


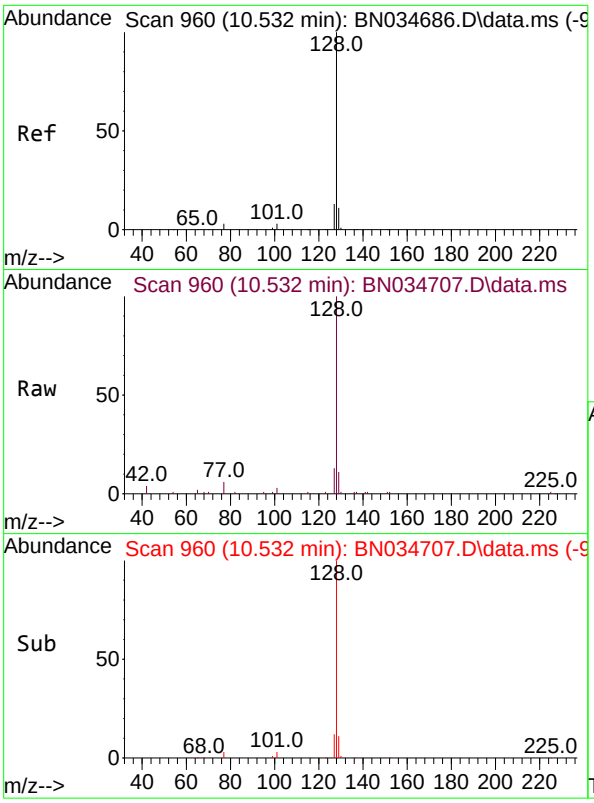


#8
Nitrobenzene-d5
Concen: 0.335 ng
RT: 8.845 min Scan# 802
Delta R.T. 0.000 min
Lab File: BN034707.D
Acq: 25 Oct 2024 00:38

Tgt Ion: 82 Resp: 4867

Ion	Ratio	Lower	Upper
82	100		
128	37.9	29.7	44.5
54	62.9	53.0	79.6



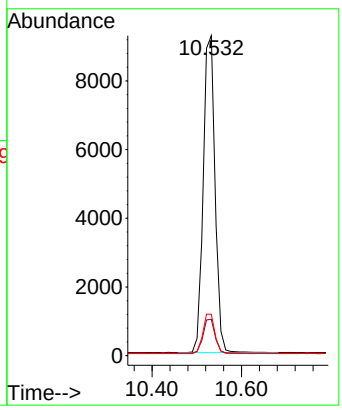


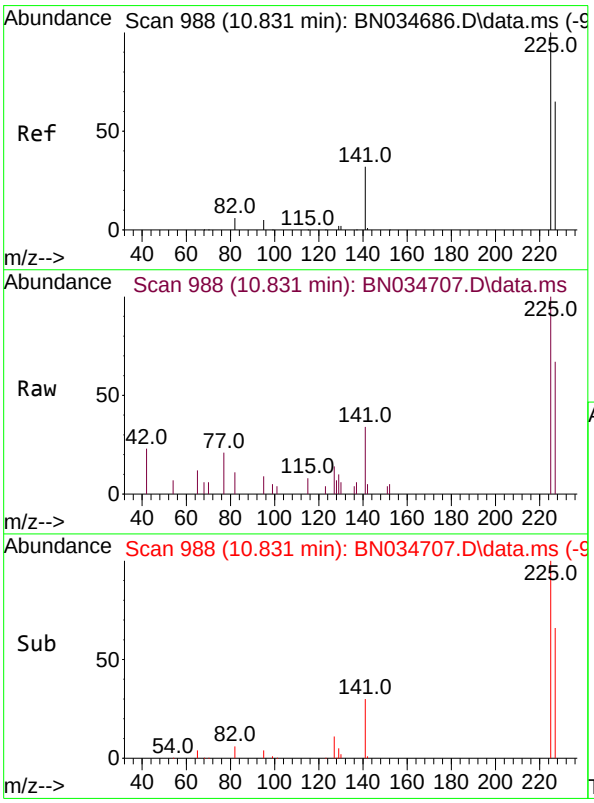
#9
Naphthalene
Concen: 0.352 ng
RT: 10.532 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN034707.D
Acq: 25 Oct 2024 00:38

Instrument :
BNA_N
ClientSampleId :
PB164230BS

Tgt Ion:128 Resp: 16862

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.6
127	12.9	10.5	15.7

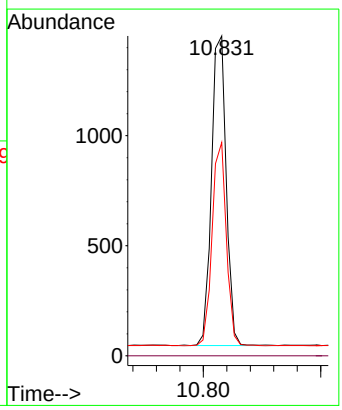


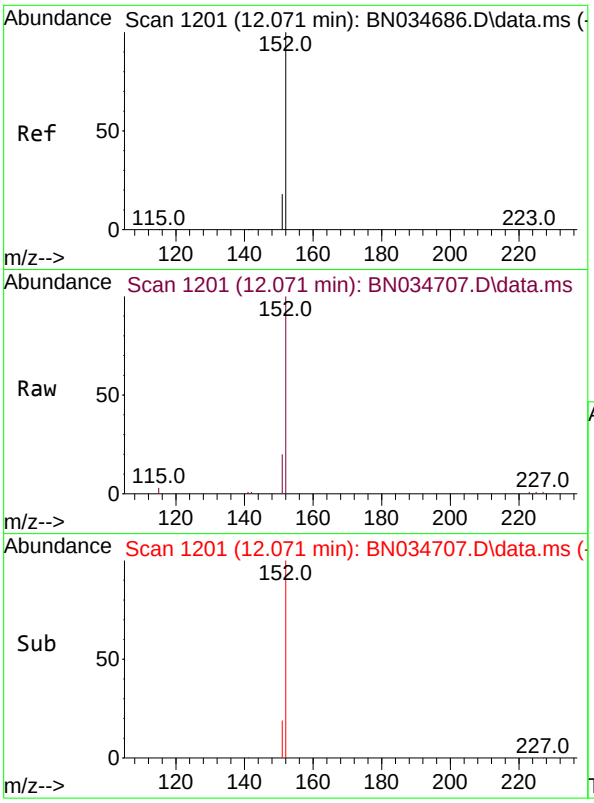


#10
Hexachlorobutadiene
Concen: 0.340 ng
RT: 10.831 min Scan# 988
Delta R.T. 0.000 min
Lab File: BN034707.D
Acq: 25 Oct 2024 00:38

Tgt Ion:225 Resp: 2444

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.4	51.4	77.0



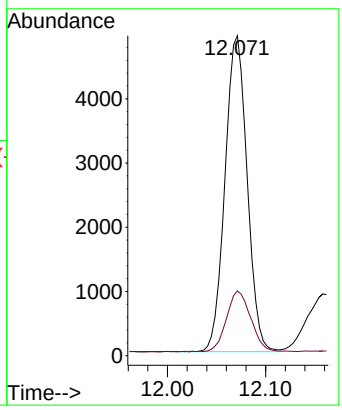


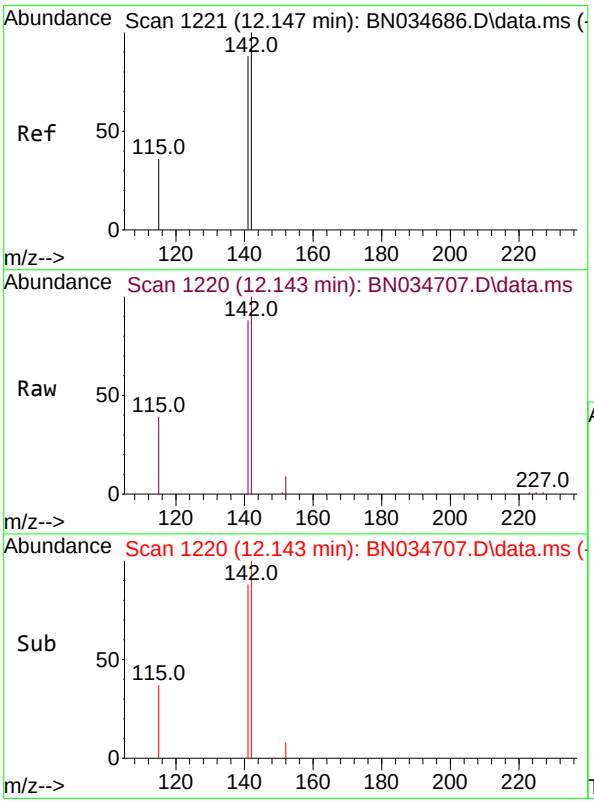
#11
2-Methylnaphthalene-d10
Concen: 0.324 ng
RT: 12.071 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN034707.D
Acq: 25 Oct 2024 00:38

Instrument :
BNA_N
ClientSampleId :
PB164230BS

Tgt Ion:152 Resp: 7709

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.7	25.1

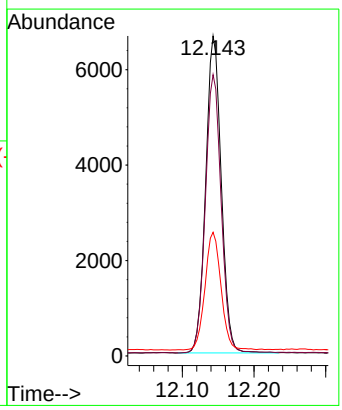


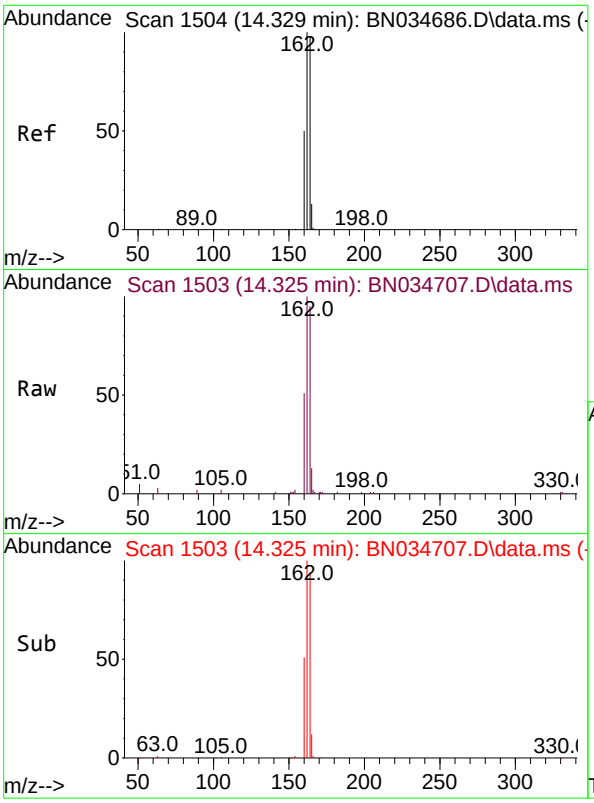


#12
2-Methylnaphthalene
Concen: 0.338 ng
RT: 12.143 min Scan# 1220
Delta R.T. -0.004 min
Lab File: BN034707.D
Acq: 25 Oct 2024 00:38

Tgt Ion:142 Resp: 10054

Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.4	105.6
115	38.7	29.8	44.6



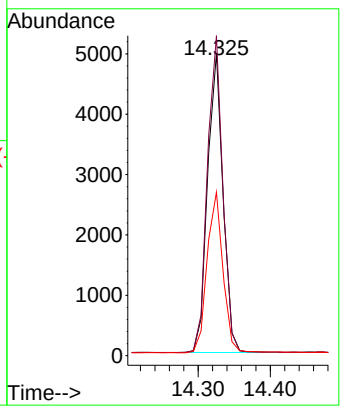


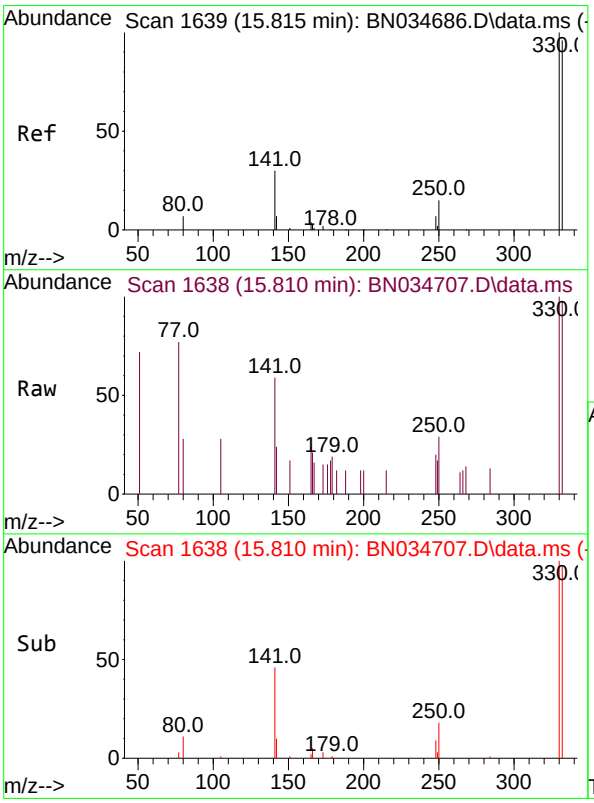
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.325 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN034707.D
Acq: 25 Oct 2024 00:38

Instrument :
BNA_N
ClientSampleId :
PB164230BS

Tgt Ion:164 Resp: 7375

Ion	Ratio	Lower	Upper
164	100		
162	105.8	81.4	122.0
160	54.1	40.6	61.0

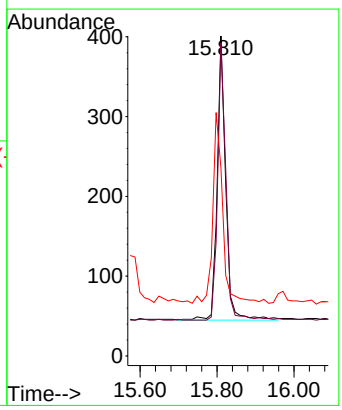


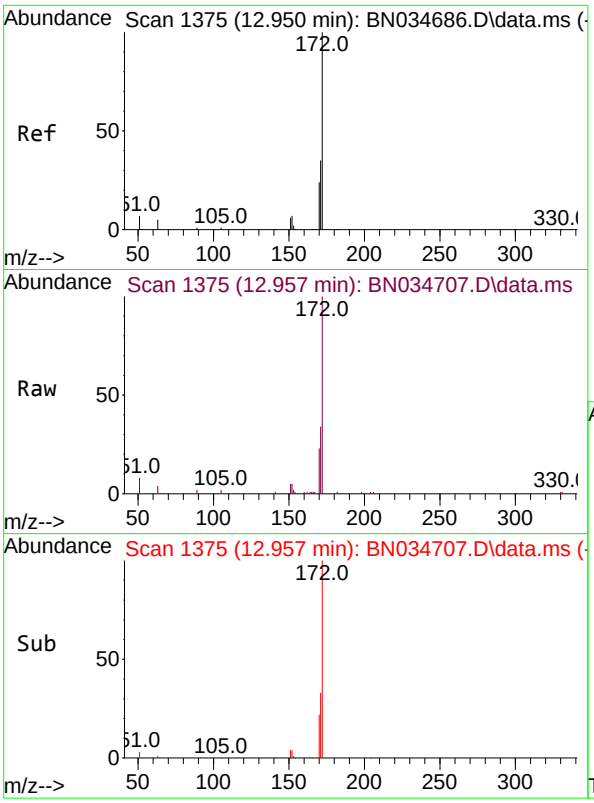


#14
2,4,6-Tribromophenol
Concen: 0.241 ng
RT: 15.810 min Scan# 1638
Delta R.T. -0.005 min
Lab File: BN034707.D
Acq: 25 Oct 2024 00:38

Tgt Ion:330 Resp: 549

Ion	Ratio	Lower	Upper
330	100		
332	94.2	76.6	115.0
141	77.6	54.6	81.8



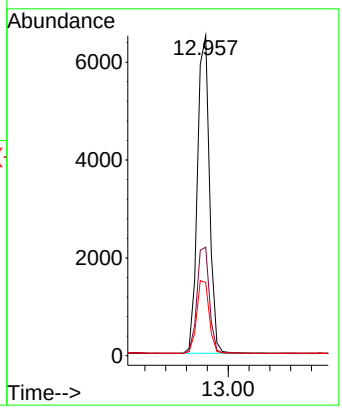


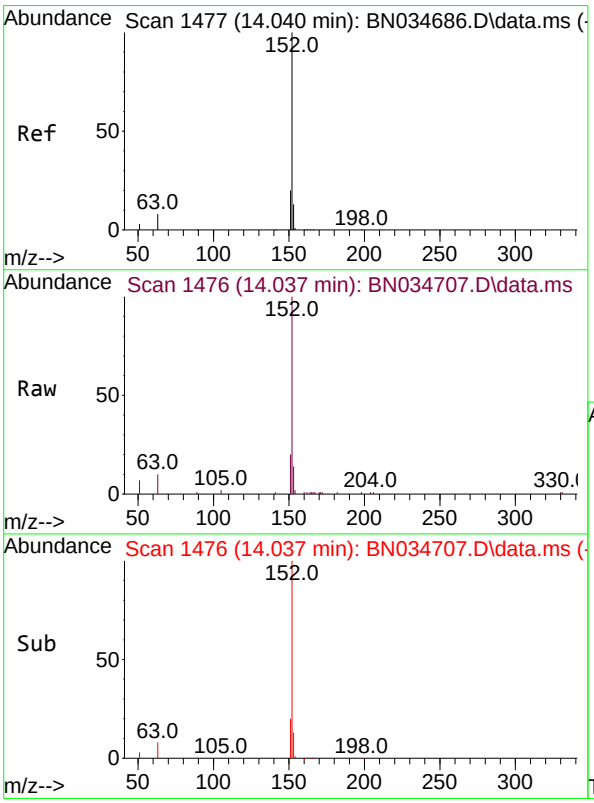
#15
2-Fluorobiphenyl
Concen: 0.358 ng
RT: 12.957 min Scan# 1
Delta R.T. 0.007 min
Lab File: BN034707.D
Acq: 25 Oct 2024 00:38

Instrument :
BNA_N
ClientSampleId :
PB164230BS

Tgt Ion:172 Resp: 10497

Ion	Ratio	Lower	Upper
172	100		
171	33.9	28.3	42.5
170	22.9	19.8	29.6

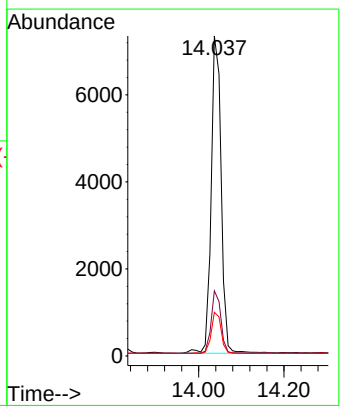


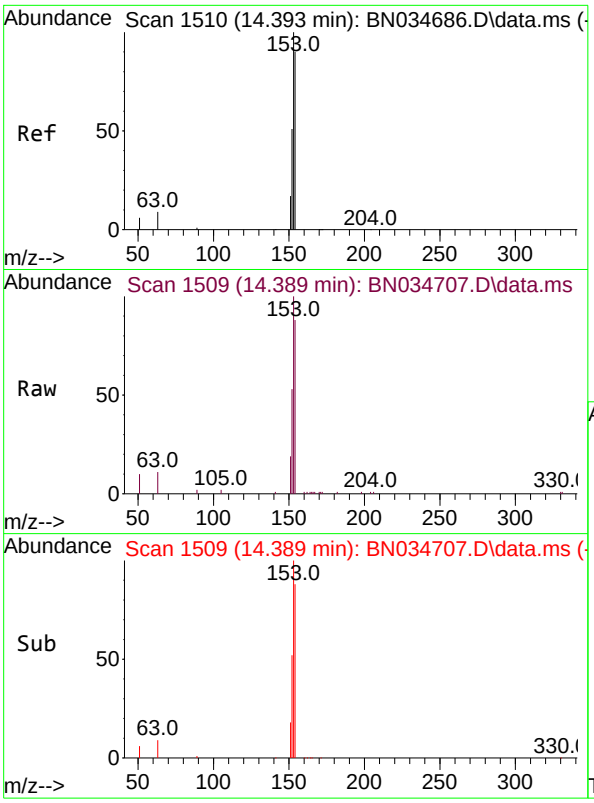


#16
Acenaphthylene
Concen: 0.334 ng
RT: 14.037 min Scan# 1476
Delta R.T. -0.004 min
Lab File: BN034707.D
Acq: 25 Oct 2024 00:38

Tgt Ion:152 Resp: 11835

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.6	23.4
153	13.0	10.6	15.8



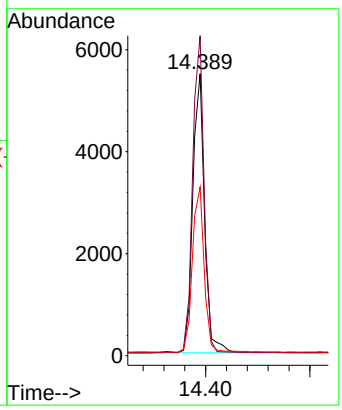


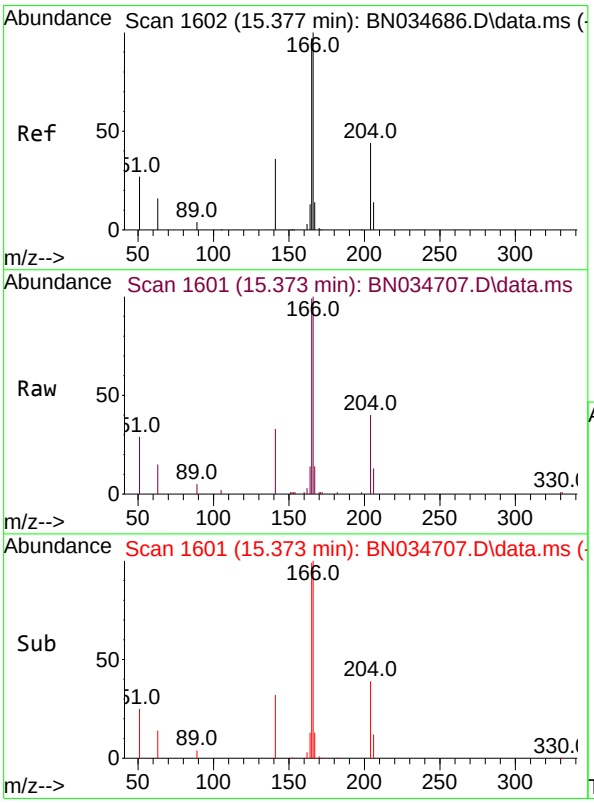
#17
Acenaphthene
Concen: 0.351 ng
RT: 14.389 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN034707.D
Acq: 25 Oct 2024 00:38

Instrument :
BNA_N
ClientSampleId :
PB164230BS

Tgt Ion:154 Resp: 8575

Ion	Ratio	Lower	Upper
154	100		
153	110.7	88.2	132.2
152	59.7	46.9	70.3

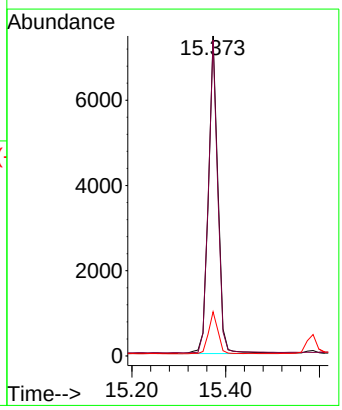


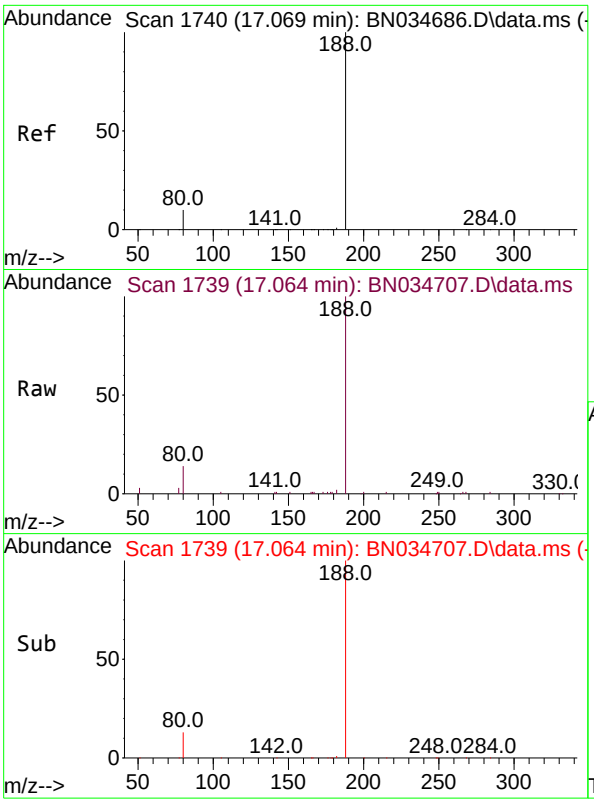


#18
Fluorene
Concen: 0.347 ng
RT: 15.373 min Scan# 1601
Delta R.T. -0.004 min
Lab File: BN034707.D
Acq: 25 Oct 2024 00:38

Tgt Ion:166 Resp: 10462

Ion	Ratio	Lower	Upper
166	100		
165	97.0	78.8	118.2
167	13.1	10.6	16.0



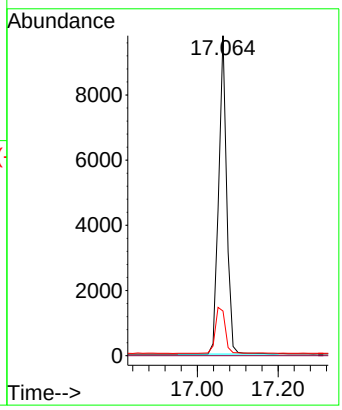


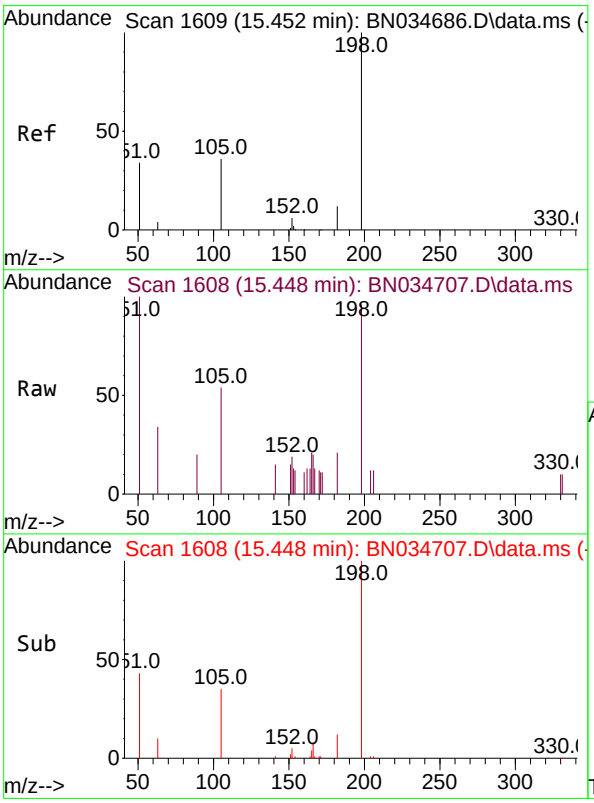
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.064 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN034707.D
Acq: 25 Oct 2024 00:38

Instrument :
BNA_N
ClientSampleId :
PB164230BS

Tgt Ion:188 Resp: 13485

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.9	8.9	13.3#

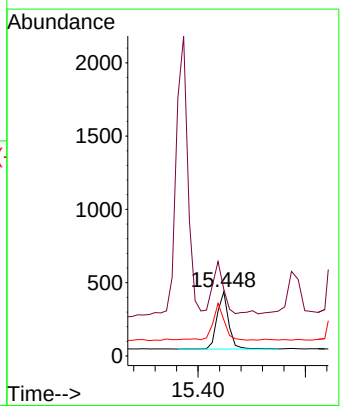


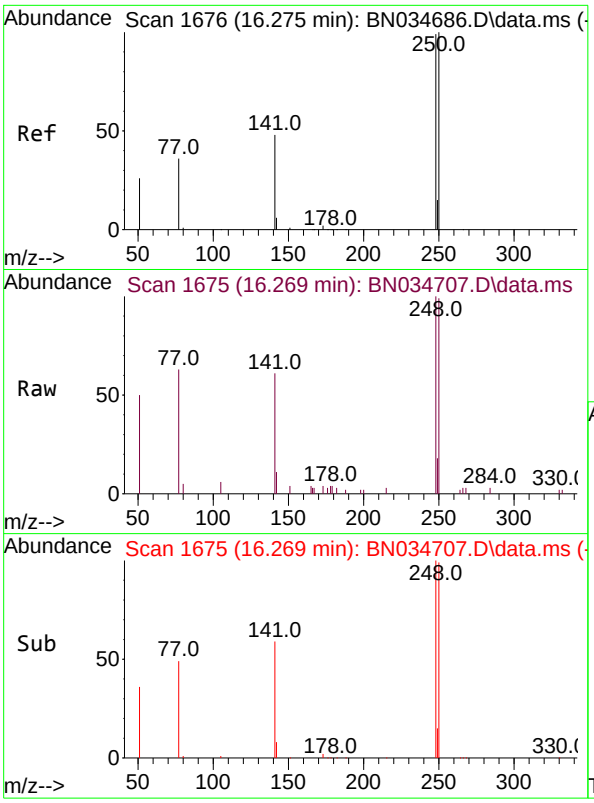


#20
4,6-Dinitro-2-methylphenol
Concen: 0.322 ng
RT: 15.448 min Scan# 1608
Delta R.T. -0.004 min
Lab File: BN034707.D
Acq: 25 Oct 2024 00:38

Tgt Ion:198 Resp: 605

Ion	Ratio	Lower	Upper
198	100		
51	104.1	91.8	137.8
105	56.4	44.3	66.5



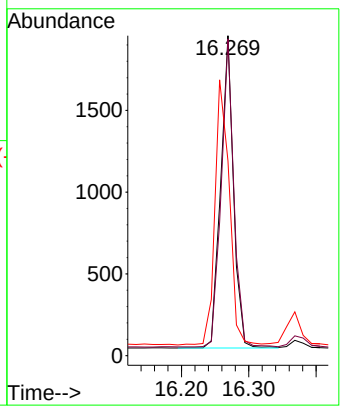


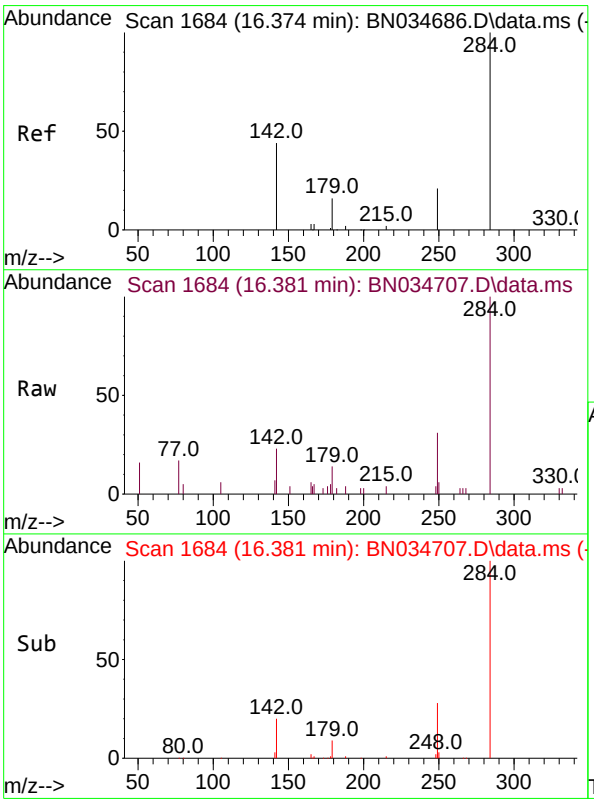
#21
4-Bromophenyl-phenylether
Concen: 0.351 ng
RT: 16.269 min Scan# 1(
Delta R.T. -0.005 min
Lab File: BN034707.D
Acq: 25 Oct 2024 00:38

Instrument :
BNA_N
ClientSampleId :
PB164230BS

Tgt Ion:248 Resp: 2527

Ion	Ratio	Lower	Upper
248	100		
250	99.0	80.9	121.3
141	60.9	40.5	60.7#

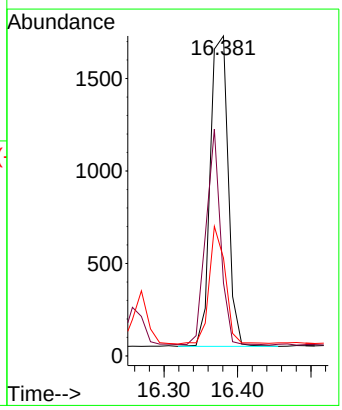


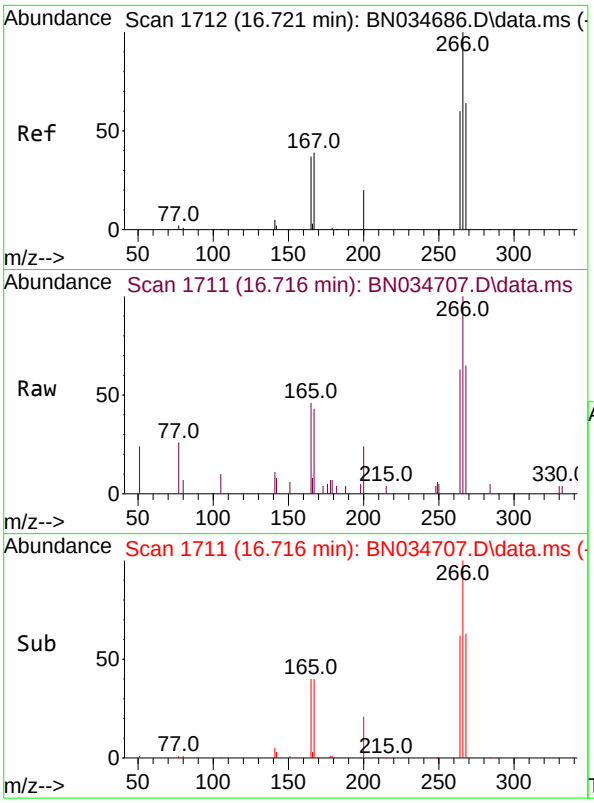


#22
Hexachlorobenzene
Concen: 0.362 ng
RT: 16.381 min Scan# 1684
Delta R.T. 0.007 min
Lab File: BN034707.D
Acq: 25 Oct 2024 00:38

Tgt Ion:284 Resp: 2824

Ion	Ratio	Lower	Upper
284	100		
142	57.4	43.6	65.4
249	34.3	26.6	40.0



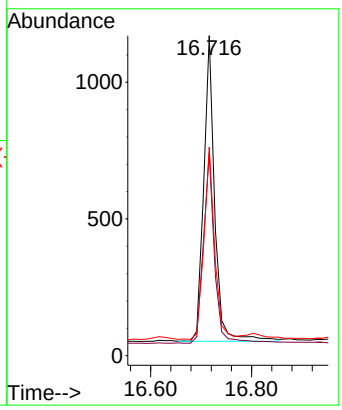


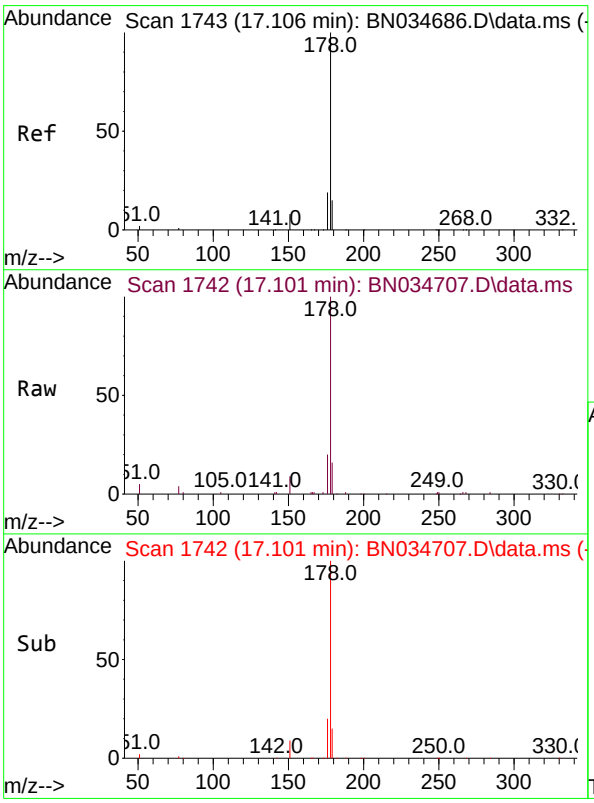
#24
Pentachlorophenol
Concen: 0.613 ng
RT: 16.716 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN034707.D
Acq: 25 Oct 2024 00:38

Instrument :
BNA_N
ClientSampleId :
PB164230BS

Tgt Ion:266 Resp: 1690

Ion	Ratio	Lower	Upper
266	100		
264	62.8	49.4	74.2
268	61.1	50.5	75.7

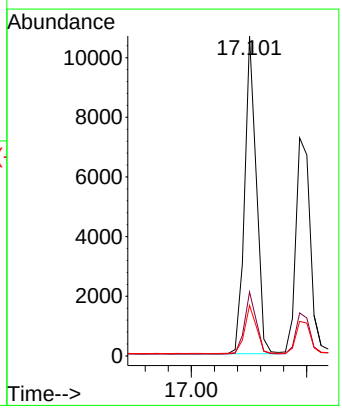


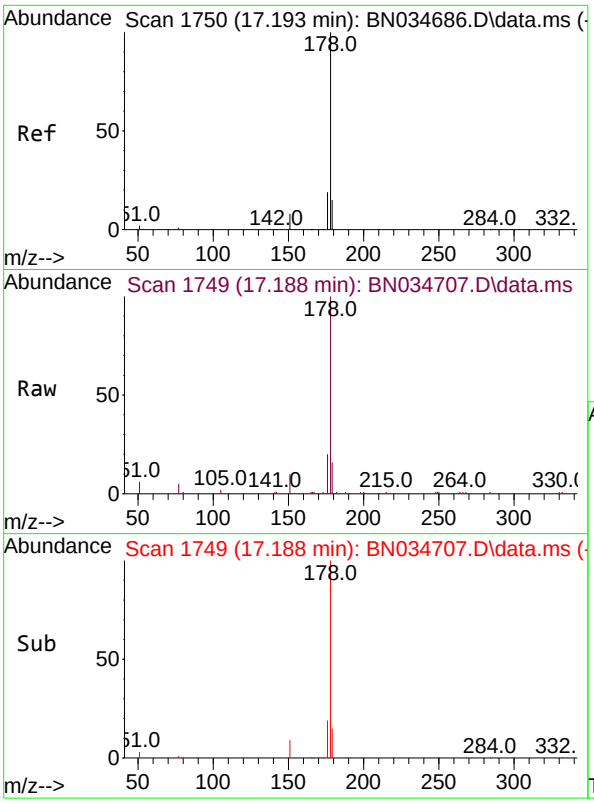


#25
Phenanthrene
Concen: 0.368 ng
RT: 17.101 min Scan# 1742
Delta R.T. -0.005 min
Lab File: BN034707.D
Acq: 25 Oct 2024 00:38

Tgt Ion:178 Resp: 14902

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



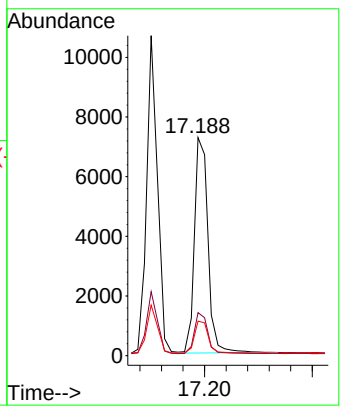


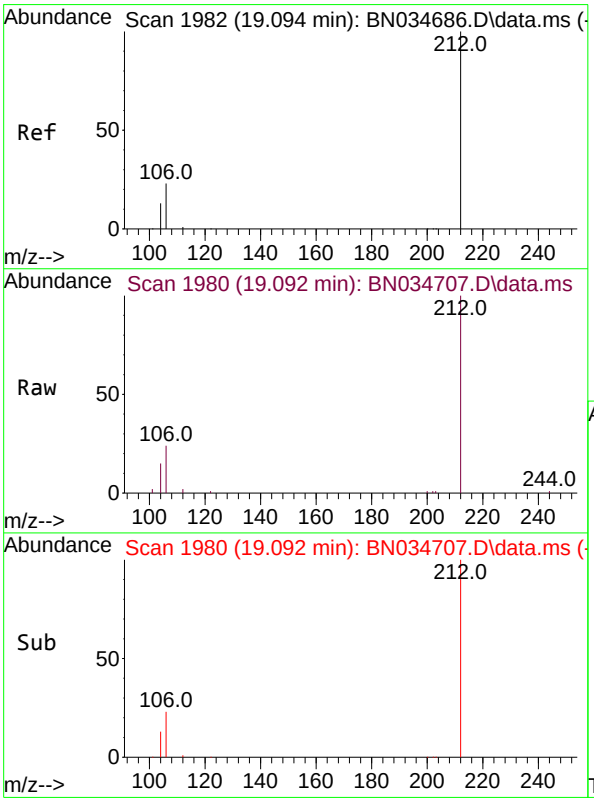
#26
Anthracene
Concen: 0.352 ng
RT: 17.188 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN034707.D
Acq: 25 Oct 2024 00:38

Instrument :
BNA_N
ClientSampleId :
PB164230BS

Tgt Ion:178 Resp: 12671

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.1	12.2	18.2

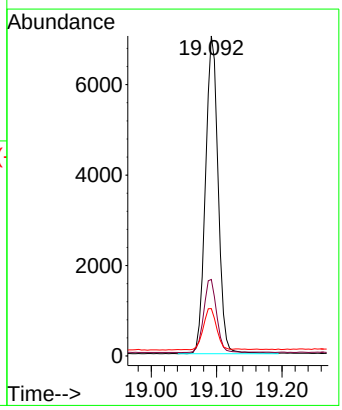


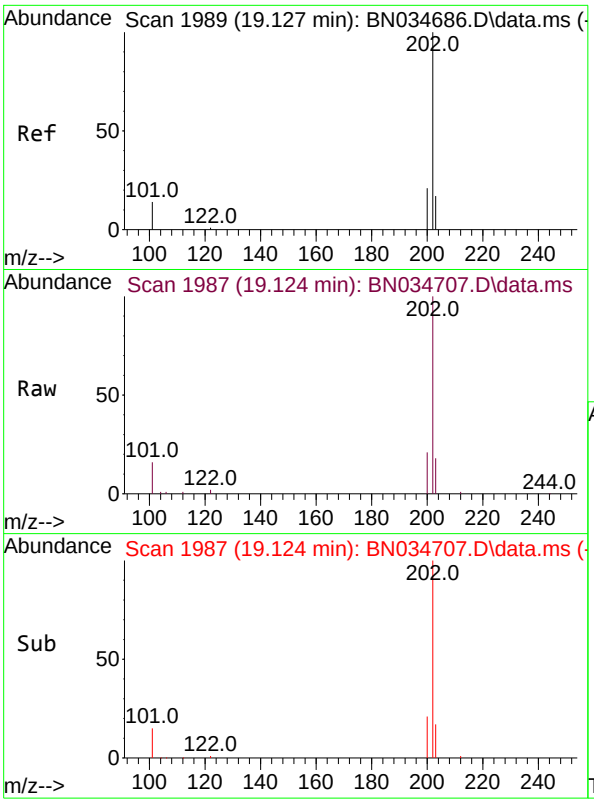


#27
Fluoranthene-d10
Concen: 0.310 ng
RT: 19.092 min Scan# 1980
Delta R.T. -0.002 min
Lab File: BN034707.D
Acq: 25 Oct 2024 00:38

Tgt Ion:212 Resp: 9427

Ion	Ratio	Lower	Upper
212	100		
106	23.7	17.8	26.8
104	13.5	10.2	15.4



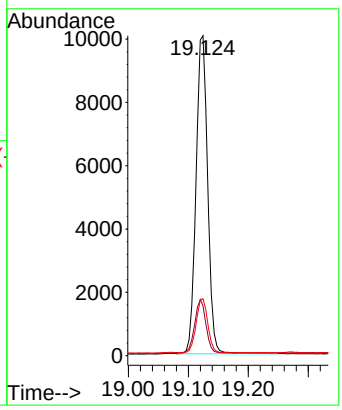


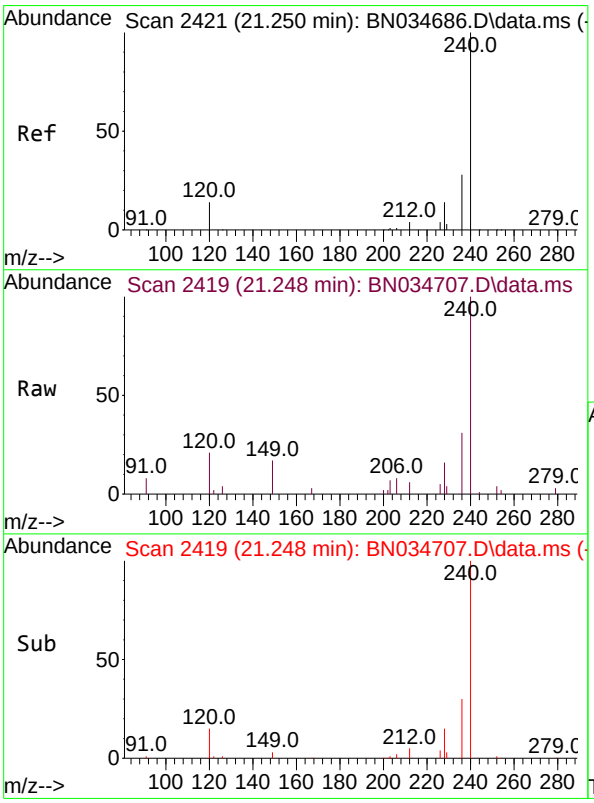
#28
Fluoranthene
Concen: 0.320 ng
RT: 19.124 min Scan# 1
Delta R.T. -0.002 min
Lab File: BN034707.D
Acq: 25 Oct 2024 00:38

Instrument :
BNA_N
ClientSampleId :
PB164230BS

Tgt Ion:202 Resp: 13533

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

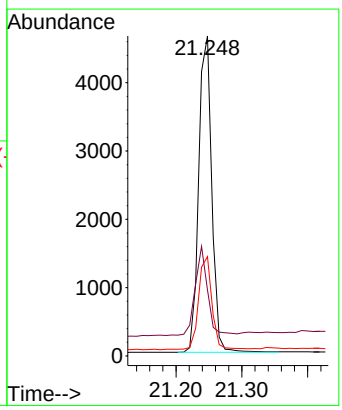


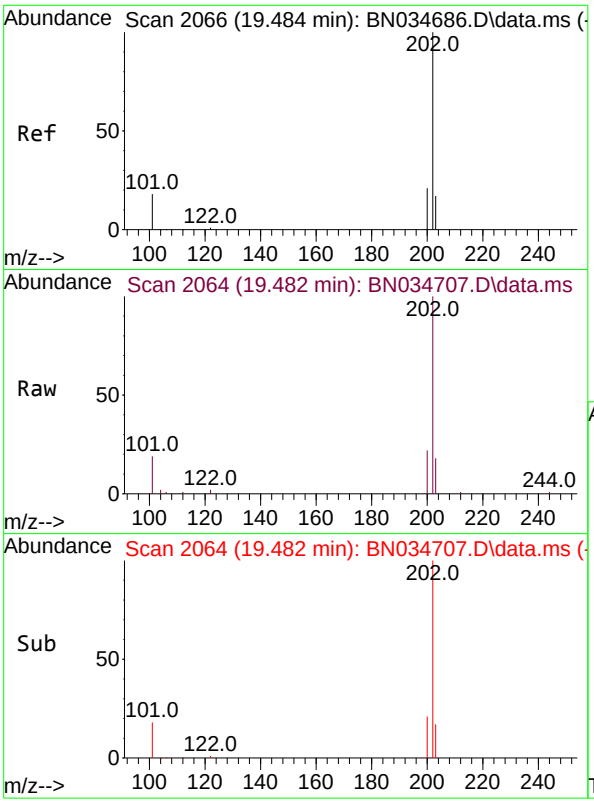


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.248 min Scan# 2419
Delta R.T. -0.002 min
Lab File: BN034707.D
Acq: 25 Oct 2024 00:38

Tgt Ion:240 Resp: 6398

Ion	Ratio	Lower	Upper
240	100		
120	20.6	14.2	21.2
236	31.0	23.1	34.7



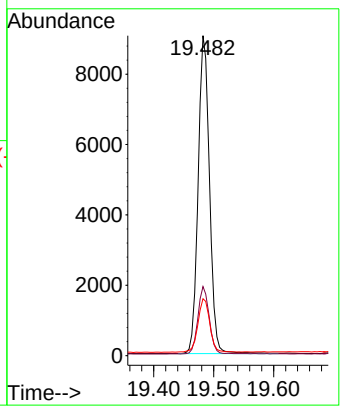


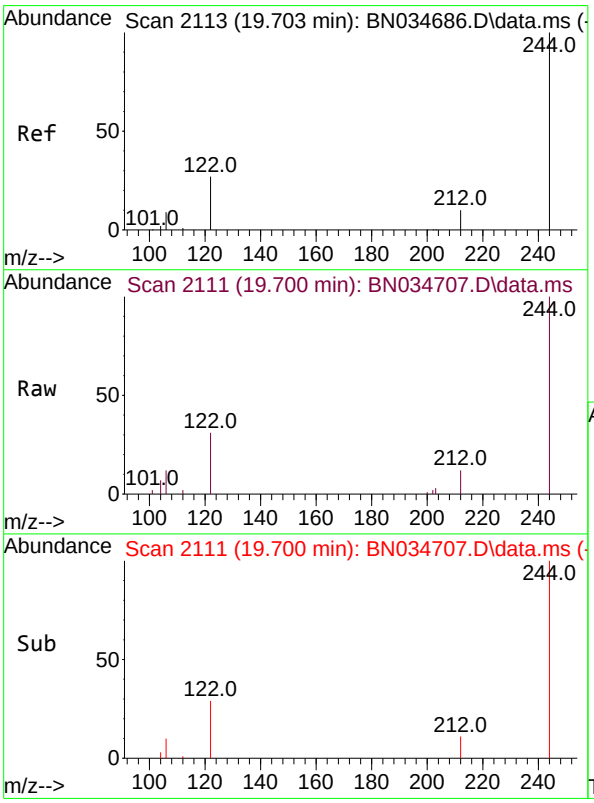
#30
Pyrene
Concen: 0.362 ng
RT: 19.482 min Scan# 2
Delta R.T. -0.002 min
Lab File: BN034707.D
Acq: 25 Oct 2024 00:38

Instrument :
BNA_N
ClientSampleId :
PB164230BS

Tgt Ion:202 Resp: 11894

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	17.6	14.2	21.4

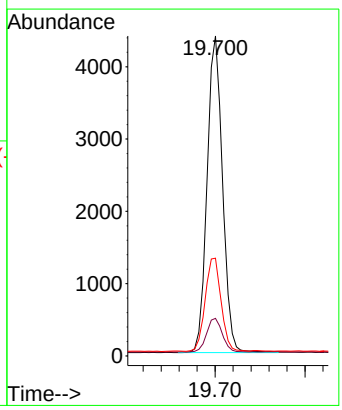


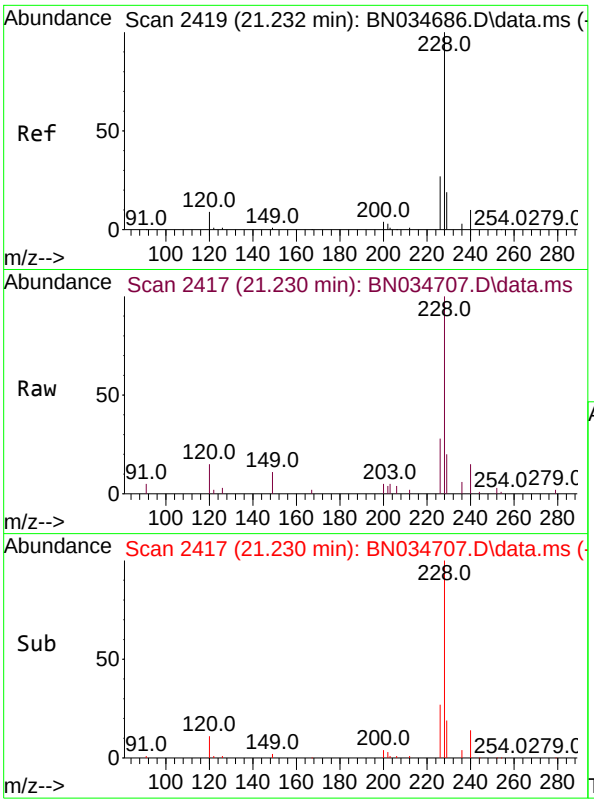


#31
Terphenyl-d14
Concen: 0.400 ng
RT: 19.700 min Scan# 2111
Delta R.T. -0.002 min
Lab File: BN034707.D
Acq: 25 Oct 2024 00:38

Tgt Ion:244 Resp: 5228

Ion	Ratio	Lower	Upper
244	100		
212	11.7	8.6	13.0
122	30.5	22.3	33.5



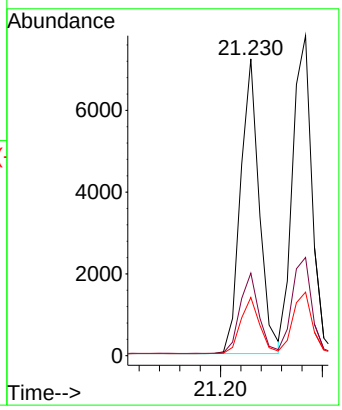


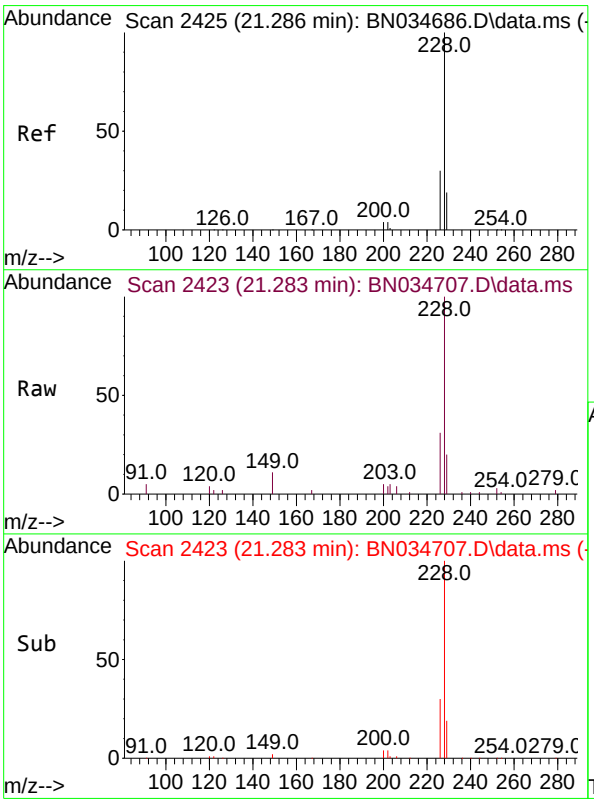
#32
Benzo(a)anthracene
Concen: 0.377 ng
RT: 21.230 min Scan# 24
Delta R.T. -0.002 min
Lab File: BN034707.D
Acq: 25 Oct 2024 00:38

Instrument :
BNA_N
ClientSampleId :
PB164230BS

Tgt Ion:228 Resp: 9203

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.0	33.0
229	19.6	15.6	23.4

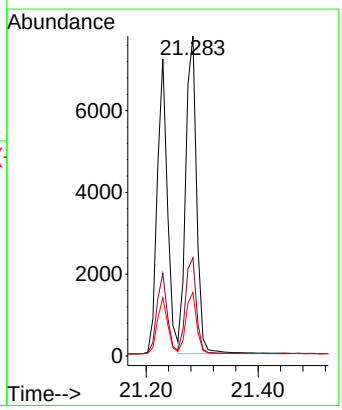


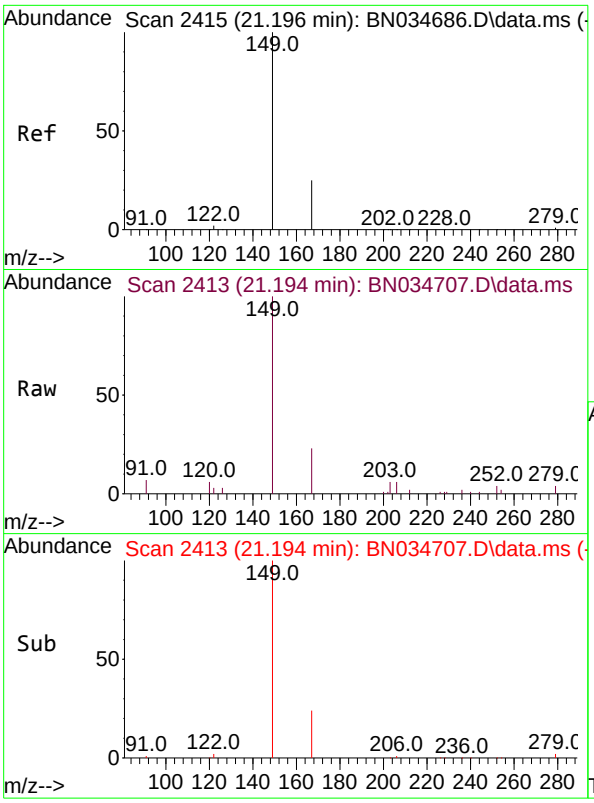


#33
Chrysene
Concen: 0.414 ng
RT: 21.283 min Scan# 2423
Delta R.T. -0.002 min
Lab File: BN034707.D
Acq: 25 Oct 2024 00:38

Tgt Ion:228 Resp: 10468

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.1	36.1
229	19.9	15.8	23.8



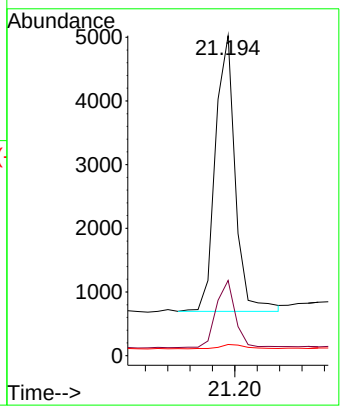


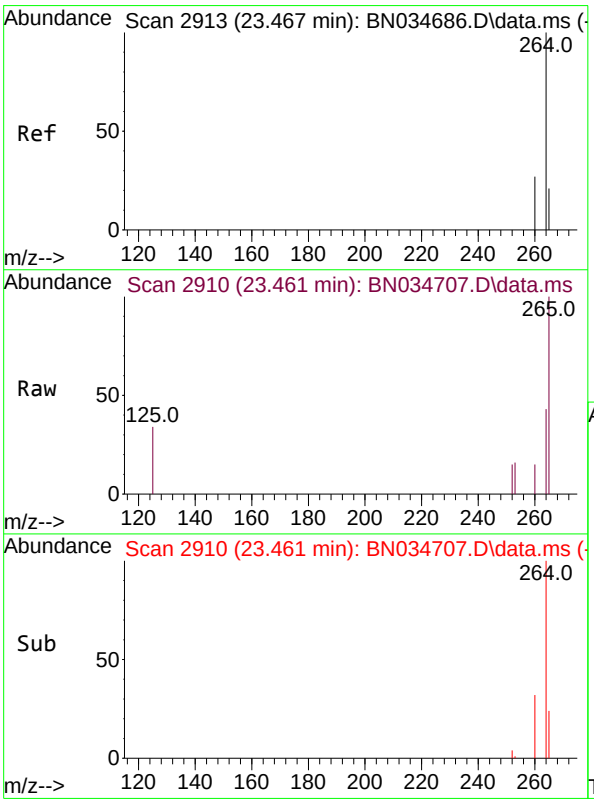
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.386 ng
RT: 21.194 min Scan# 24
Delta R.T. -0.002 min
Lab File: BN034707.D
Acq: 25 Oct 2024 00:38

Instrument :
BNA_N
ClientSampleId :
PB164230BS

Tgt Ion:149 Resp: 5346

Ion	Ratio	Lower	Upper
149	100		
167	24.1	19.7	29.5
279	2.1	1.8	2.6

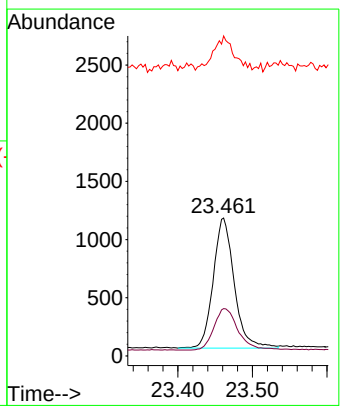


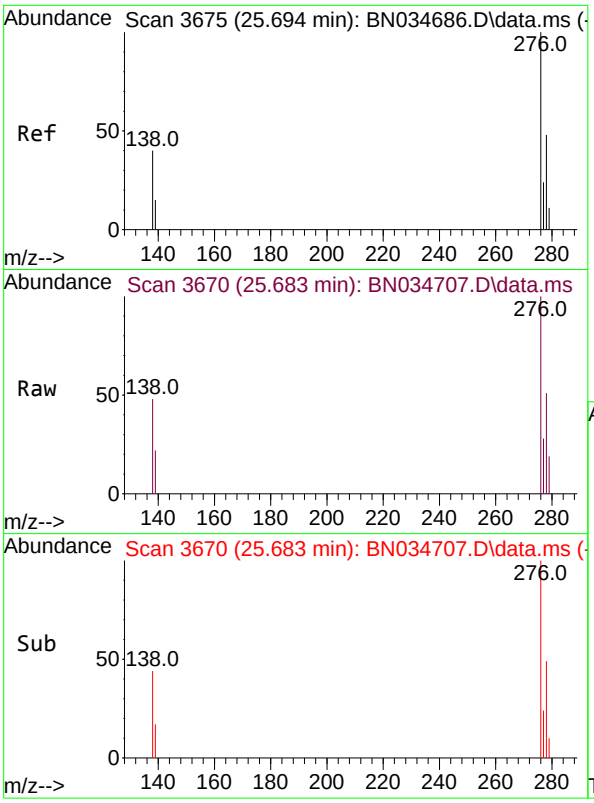


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.461 min Scan# 2910
Delta R.T. -0.005 min
Lab File: BN034707.D
Acq: 25 Oct 2024 00:38

Tgt Ion:264 Resp: 2191

Ion	Ratio	Lower	Upper
264	100		
260	34.3	21.9	32.9#
265	232.1	60.6	91.0#



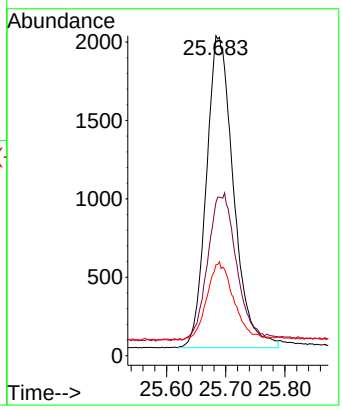


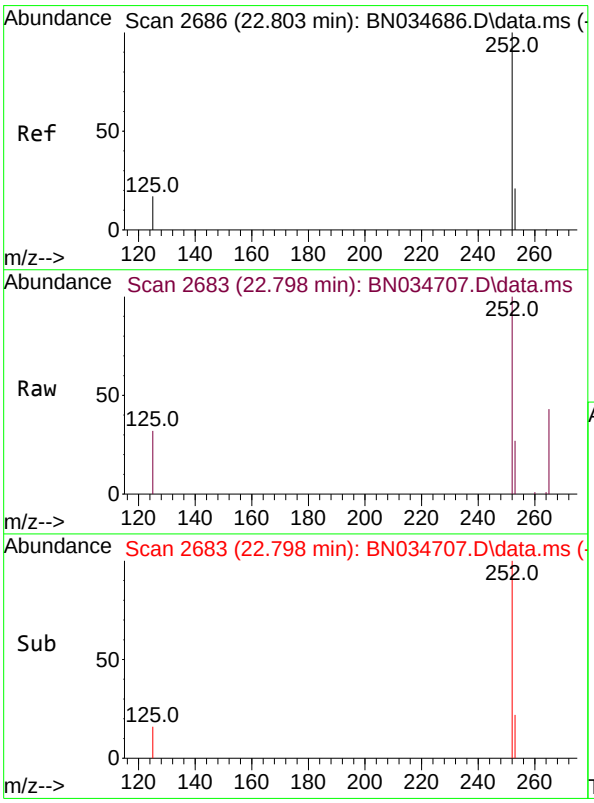
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.750 ng
RT: 25.683 min Scan# 3
Delta R.T. -0.011 min
Lab File: BN034707.D
Acq: 25 Oct 2024 00:38

Instrument :
BNA_N
ClientSampleId :
PB164230BS

Tgt Ion:276 Resp: 6332

Ion	Ratio	Lower	Upper
276	100		
138	49.3	35.1	52.7
277	24.6	19.7	29.5

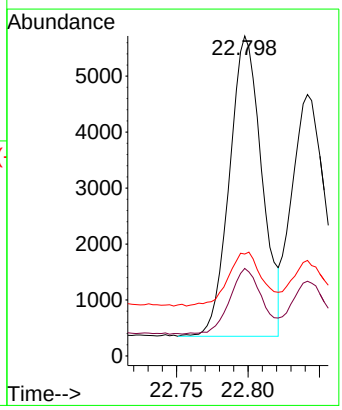


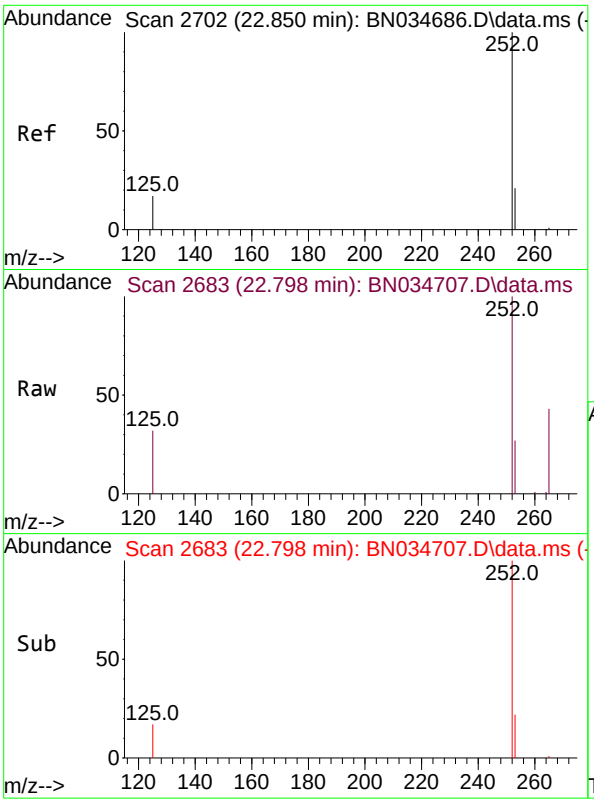


#37
Benzo(b)fluoranthene
Concen: 0.969 ng
RT: 22.798 min Scan# 2683
Delta R.T. -0.005 min
Lab File: BN034707.D
Acq: 25 Oct 2024 00:38

Tgt Ion:252 Resp: 8482

Ion	Ratio	Lower	Upper
252	100		
253	27.4	20.0	30.0
125	31.8	20.9	31.3#



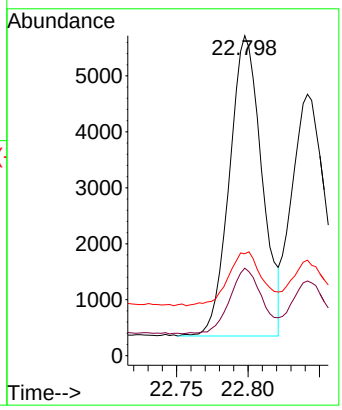


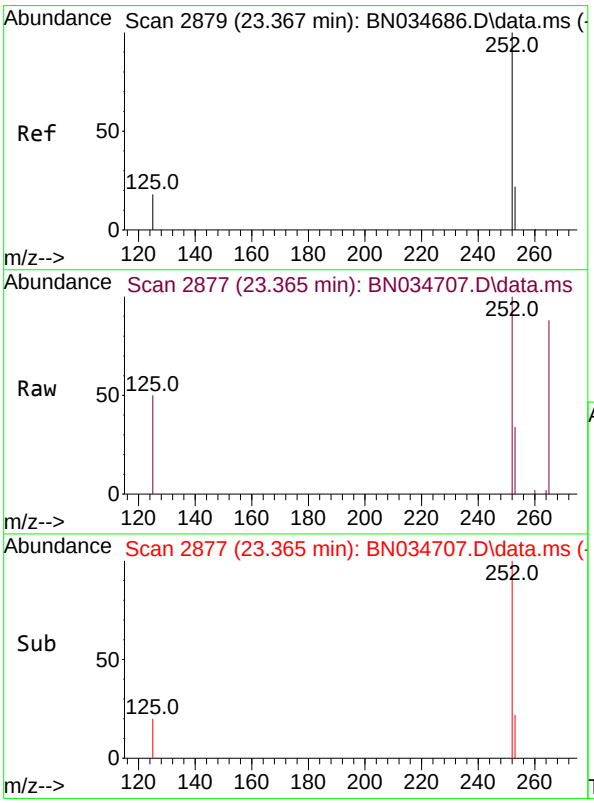
#38
Benzo(k)fluoranthene
Concen: 0.983 ng
RT: 22.798 min Scan# 2
Delta R.T. -0.052 min
Lab File: BN034707.D
Acq: 25 Oct 2024 00:38

Instrument :
BNA_N
ClientSampleId :
PB164230BS

Tgt Ion:252 Resp: 8482

Ion	Ratio	Lower	Upper
252	100		
253	27.4	20.6	31.0
125	31.8	21.6	32.4

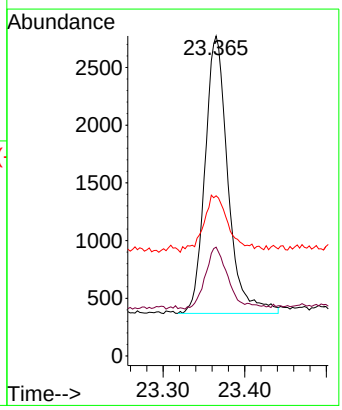


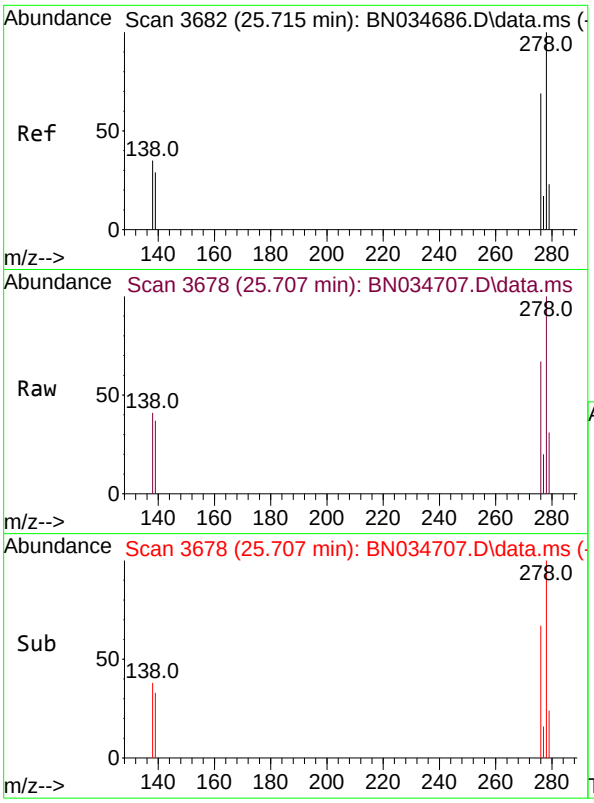


#39
Benzo(a)pyrene
Concen: 0.668 ng
RT: 23.365 min Scan# 2877
Delta R.T. -0.002 min
Lab File: BN034707.D
Acq: 25 Oct 2024 00:38

Tgt Ion:252 Resp: 4692

Ion	Ratio	Lower	Upper
252	100		
253	34.0	22.2	33.4#
125	50.1	26.0	39.0#



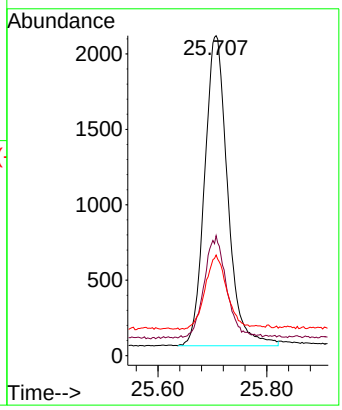


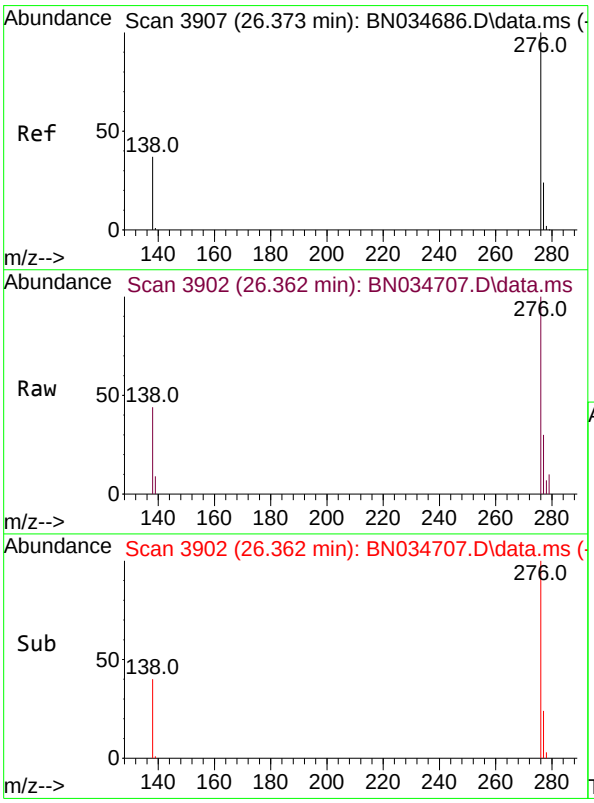
#40
Dibenzo(a,h)anthracene
Concen: 0.907 ng
RT: 25.707 min Scan# 3
Delta R.T. -0.008 min
Lab File: BN034707.D
Acq: 25 Oct 2024 00:38

Instrument :
BNA_N
ClientSampleId :
PB164230BS

Tgt Ion:278 Resp: 6035

Ion	Ratio	Lower	Upper
278	100		
139	37.5	25.4	38.2
279	31.4	22.4	33.6





#41
Benzo(g,h,i)perylene
Concen: 0.708 ng
RT: 26.362 min Scan# 3902
Delta R.T. -0.011 min
Lab File: BN034707.D
Acq: 25 Oct 2024 00:38

Tgt Ion:276 Resp: 5197

Ion	Ratio	Lower	Upper
276	100		
277	29.6	21.3	31.9
138	44.3	31.9	47.9