Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102424\
Data File : BN034704.D
Acq On : 24 Oct 2024 22:50
Operator : RC/JU
Sample : PB164229BSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB164229BSD

Quant Time: Oct 25 02:08:18 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	6487	0.400	ng	0.00
7) Naphthalene-d8	10.479	136	18237	0.400	ng	0.00
13) Acenaphthene-d10	14.329	164	7824	0.400	ng	0.00
19) Phenanthrene-d10	17.069	188	14054	0.400	ng	0.00
29) Chrysene-d12	21.241	240	7021	0.400	ng	# 0.00
35) Perylene-d12	23.458	264	3135	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.322	112	5673	0.294	ng	0.00
5) Phenol-d6	6.882	99	7367	0.290	ng	0.00
8) Nitrobenzene-d5	8.845	82	4969	0.325	ng	0.00
11) 2-Methylnaphthalene-d10	12.071	152	12285	0.490	ng	0.00
14) 2,4,6-Tribromophenol	15.815	330	544	0.225	ng	0.00
15) 2-Fluorobiphenyl	12.950	172	10998	0.354	ng	0.00
27) Fluoranthene-d10	19.094	212	10017	0.316	ng	0.00
31) Terphenyl-d14	19.703	244	5561	0.388	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.285	88	2567	0.297	ng	# 38
3) n-Nitrosodimethylamine	3.581	42	4768	0.379	ng	# 92
6) bis(2-Chloroethyl)ether	7.142	93	7506	0.363	ng	100
9) Naphthalene	10.532	128	17602	0.349	ng	100
10) Hexachlorobutadiene	10.831	225	2600	0.344	ng	# 99
12) 2-Methylnaphthalene	12.143	142	10570	0.338	ng	98
16) Acenaphthylene	14.040	152	12917	0.344	ng	100
17) Acenaphthene	14.382	154	9099	0.351	ng	100
18) Fluorene	15.377	166	11462	0.359	ng	93
20) 4,6-Dinitro-2-methylph...	15.441	198	601	0.307	ng	# 63
21) 4-Bromophenyl-phenylether	16.275	248	2637	0.352	ng	97
22) Hexachlorobenzene	16.374	284	2911	0.358	ng	97
24) Pentachlorophenol	16.721	266	1722	0.599	ng	98
25) Phenanthrene	17.106	178	15394	0.365	ng	100
26) Anthracene	17.193	178	13285	0.355	ng	99
28) Fluoranthene	19.122	202	14394	0.327	ng	100
30) Pyrene	19.484	202	13390	0.371	ng	99
32) Benzo(a)anthracene	21.232	228	10448	0.390	ng	99
33) Chrysene	21.277	228	11412	0.411	ng	99
34) Bis(2-ethylhexyl)phtha...	21.187	149	5728	0.376	ng	98
36) Indeno(1,2,3-cd)pyrene	25.691	276	8126	0.673	ng	95
37) Benzo(b)fluoranthene	22.797	252	9699	0.775	ng	93
38) Benzo(k)fluoranthene	22.841	252	8745	0.708	ng	94
39) Benzo(a)pyrene	23.364	252	5960	0.593	ng	# 85
40) Dibenzo(a,h)anthracene	25.709	278	7257	0.762	ng	96
41) Benzo(g,h,i)perylene	26.358	276	6650	0.633	ng	96

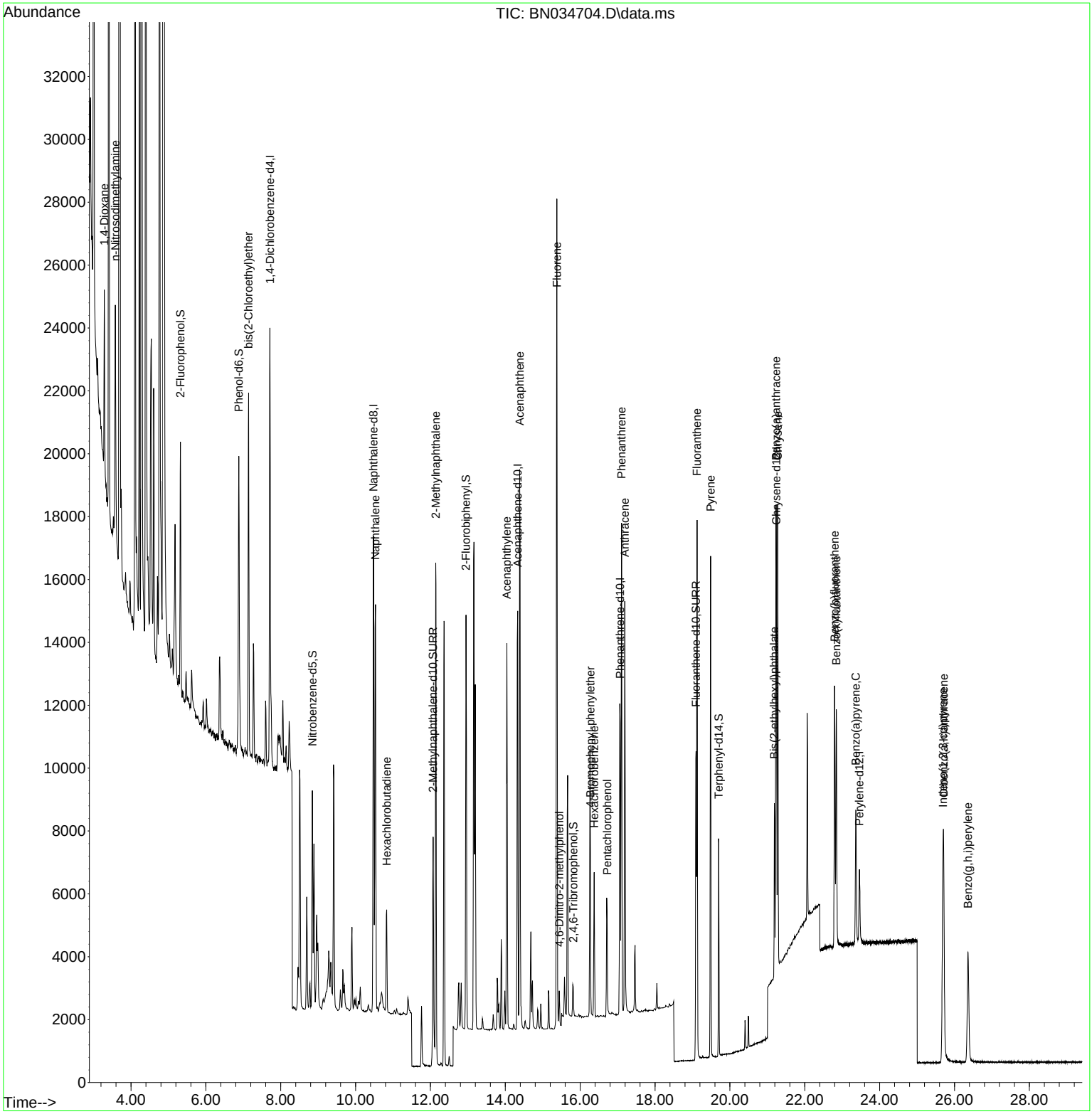
(#) = qualifier out of range (m) = manual integration (+) = signals summed

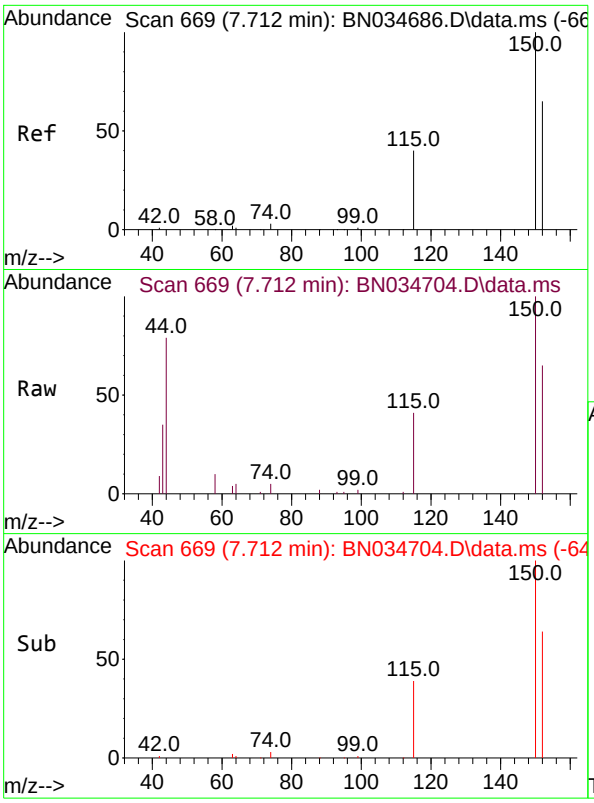
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102424\
Data File : BN034704.D
Acq On : 24 Oct 2024 22:50
Operator : RC/JU
Sample : PB164229BSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB164229BSD

Quant Time: Oct 25 02:08:18 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



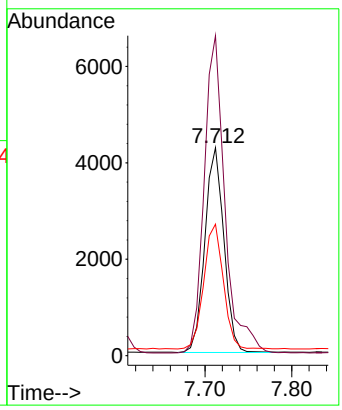


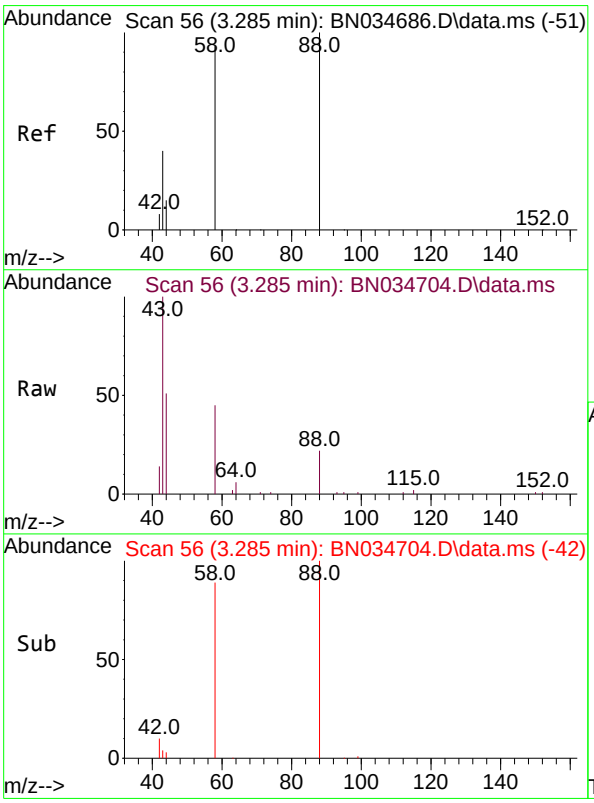
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.712 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN034704.D
Acq: 24 Oct 2024 22:50

Instrument :
BNA_N
ClientSampleId :
PB164229BSD

Tgt Ion:152 Resp: 6487

Ion	Ratio	Lower	Upper
152	100		
150	153.8	122.7	184.1
115	63.3	51.0	76.6

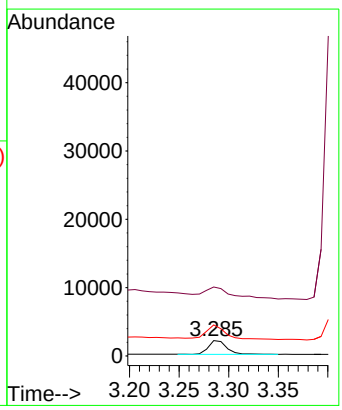


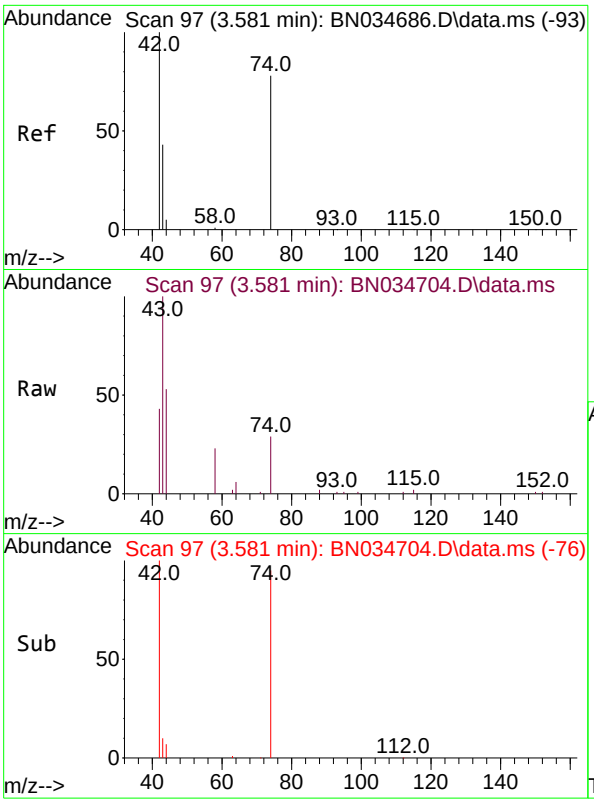


#2
1,4-Dioxane
Concen: 0.297 ng
RT: 3.285 min Scan# 56
Delta R.T. 0.000 min
Lab File: BN034704.D
Acq: 24 Oct 2024 22:50

Tgt Ion: 88 Resp: 2567

Ion	Ratio	Lower	Upper
88	100		
43	131.9	32.1	48.1#
58	115.3	73.7	110.5#



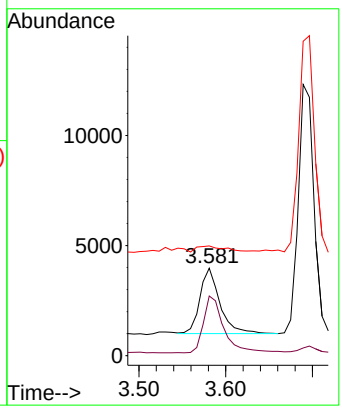


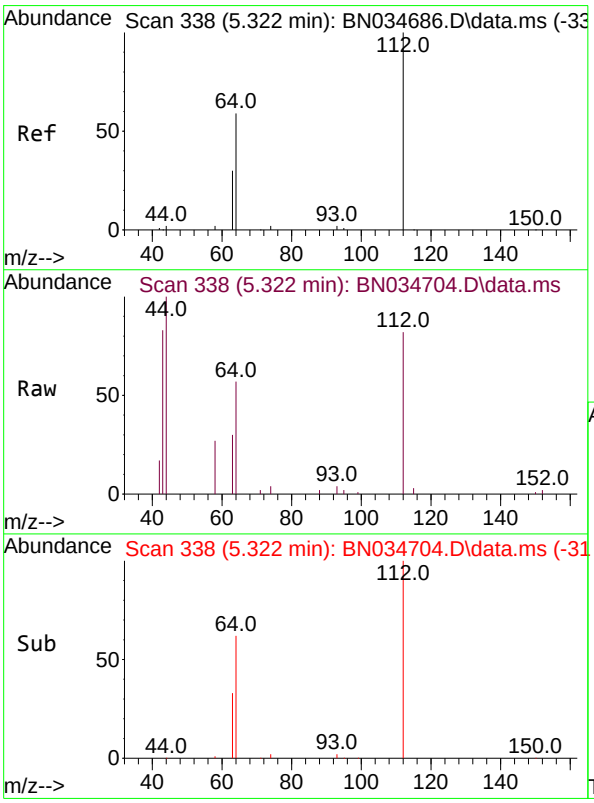
#3
n-Nitrosodimethylamine
Concen: 0.379 ng
RT: 3.581 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN034704.D
Acq: 24 Oct 2024 22:50

Instrument :
BNA_N
ClientSampleId :
PB164229BSD

Tgt Ion: 42 Resp: 4768

Ion	Ratio	Lower	Upper
42	100		
74	88.4	77.2	115.8
44	13.4	13.4	20.2#

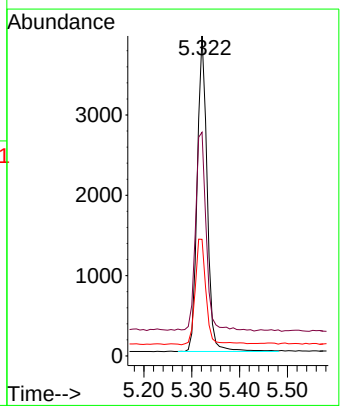


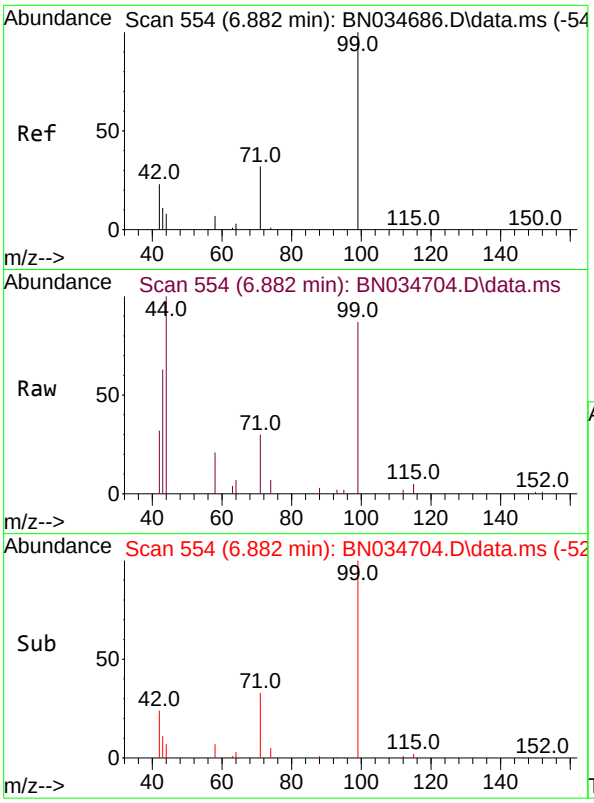


#4
2-Fluorophenol
Concen: 0.294 ng
RT: 5.322 min Scan# 338
Delta R.T. 0.000 min
Lab File: BN034704.D
Acq: 24 Oct 2024 22:50

Tgt Ion:112 Resp: 5673

Ion	Ratio	Lower	Upper
112	100		
64	68.6	53.0	79.6
63	36.8	27.6	41.4



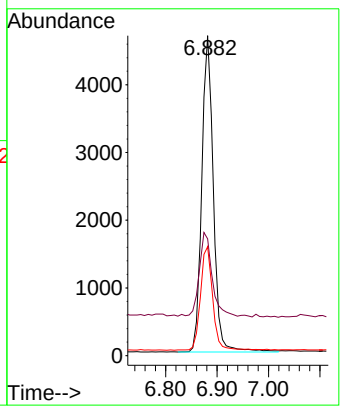


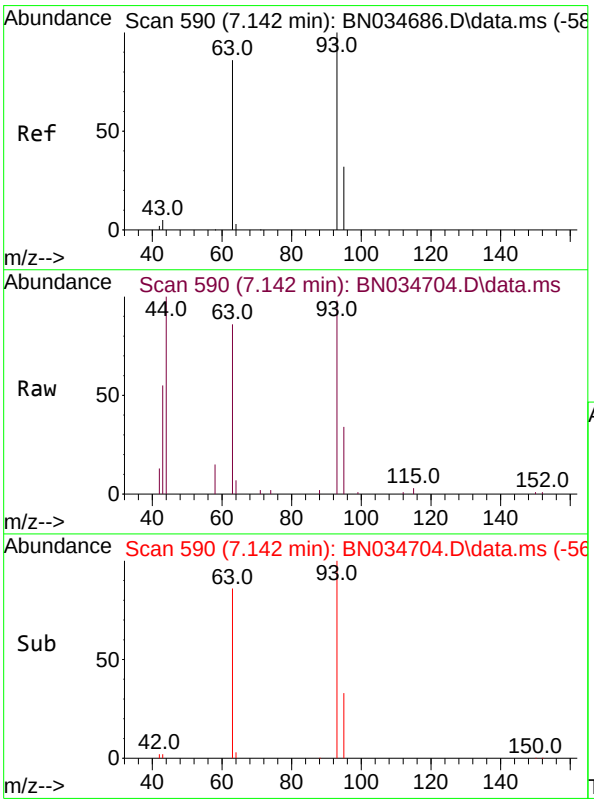
#5
Phenol-d6
Concen: 0.290 ng
RT: 6.882 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN034704.D
Acq: 24 Oct 2024 22:50

Instrument :
BNA_N
ClientSampleId :
PB164229BSD

Tgt Ion: 99 Resp: 7367

Ion	Ratio	Lower	Upper
99	100		
42	28.9	21.8	32.8
71	34.2	26.6	40.0

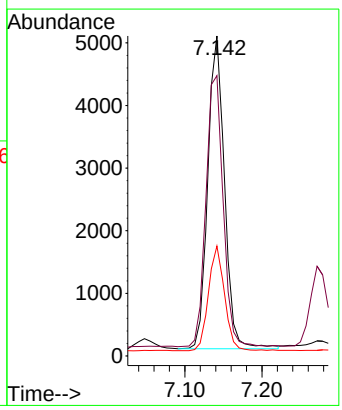


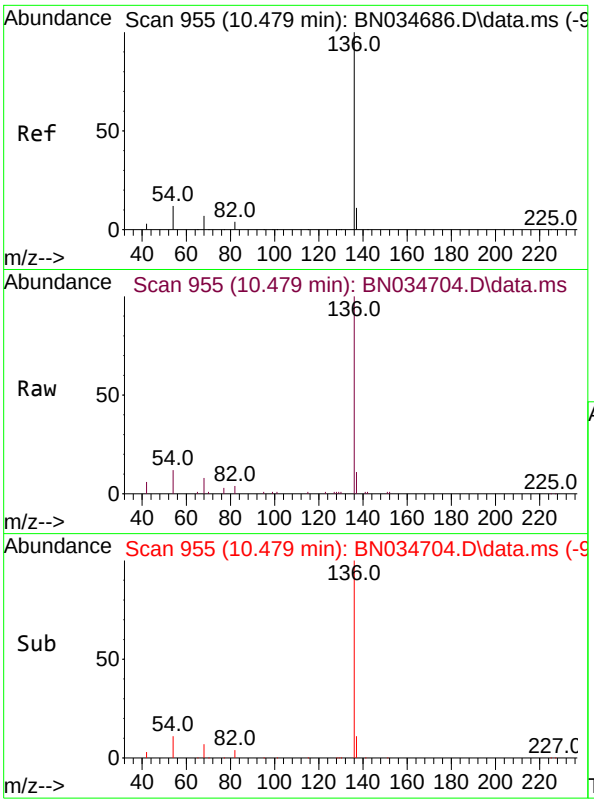


#6
bis(2-Chloroethyl)ether
Concen: 0.363 ng
RT: 7.142 min Scan# 590
Delta R.T. 0.000 min
Lab File: BN034704.D
Acq: 24 Oct 2024 22:50

Tgt Ion: 93 Resp: 7506

Ion	Ratio	Lower	Upper
93	100		
63	88.9	71.5	107.3
95	32.0	25.8	38.6



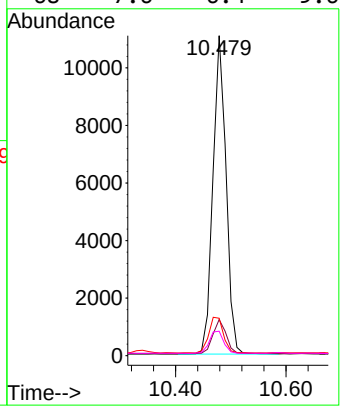


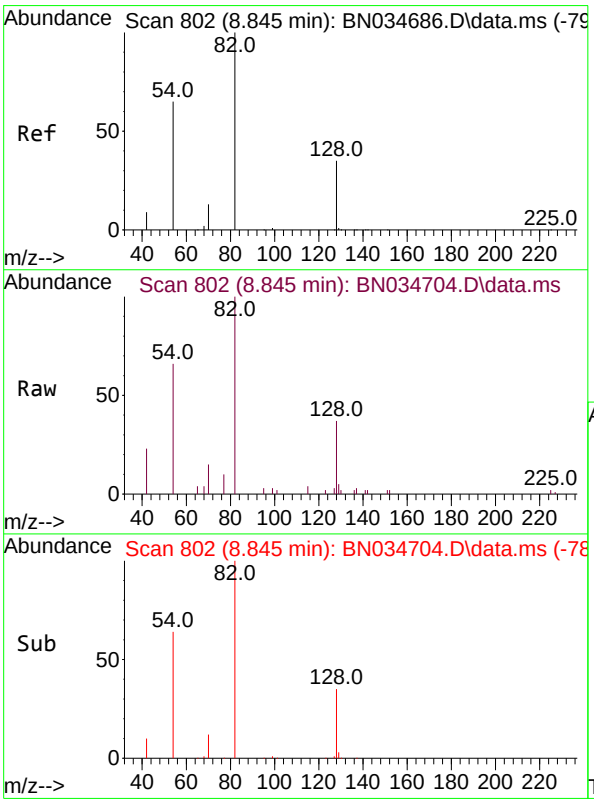
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.479 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN034704.D
Acq: 24 Oct 2024 22:50

Instrument :
BNA_N
ClientSampleId :
PB164229BSD

Tgt Ion:136 Resp: 18237

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	11.7	9.8	14.8
68	7.6	6.4	9.6

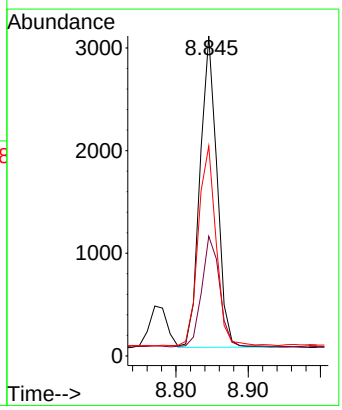


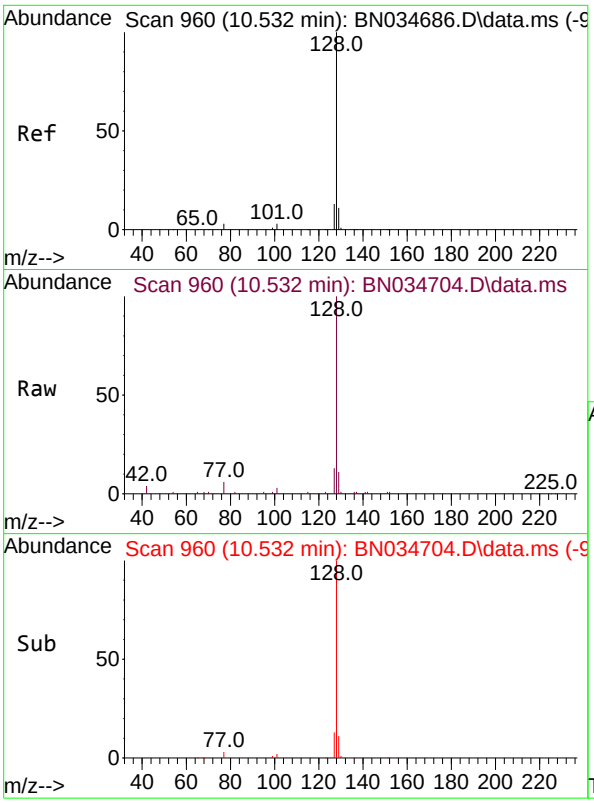


#8
Nitrobenzene-d5
Concen: 0.325 ng
RT: 8.845 min Scan# 802
Delta R.T. 0.000 min
Lab File: BN034704.D
Acq: 24 Oct 2024 22:50

Tgt Ion: 82 Resp: 4969

Ion	Ratio	Lower	Upper
82	100		
128	37.4	29.7	44.5
54	65.6	53.0	79.6



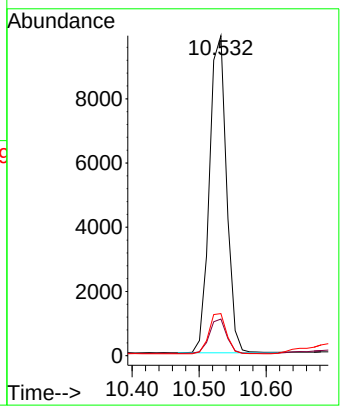


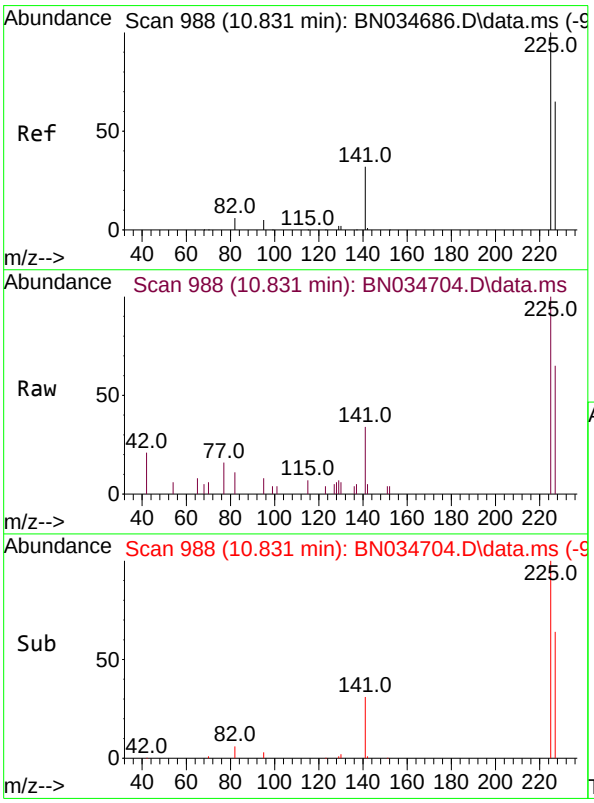
#9
Naphthalene
Concen: 0.349 ng
RT: 10.532 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN034704.D
Acq: 24 Oct 2024 22:50

Instrument :
BNA_N
ClientSampleId :
PB164229BSD

Tgt Ion:128 Resp: 17602

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.6
127	13.1	10.5	15.7

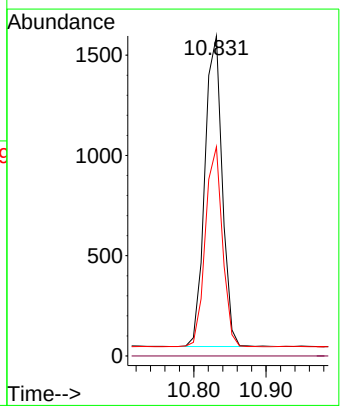


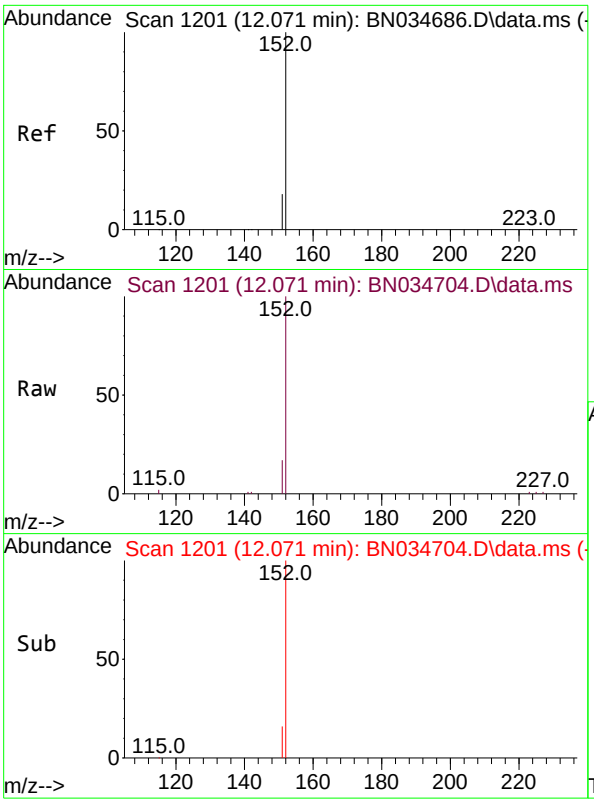


#10
Hexachlorobutadiene
Concen: 0.344 ng
RT: 10.831 min Scan# 988
Delta R.T. 0.000 min
Lab File: BN034704.D
Acq: 24 Oct 2024 22:50

Tgt Ion:225 Resp: 2600

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.2	51.4	77.0



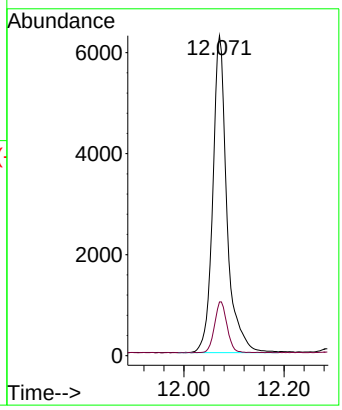


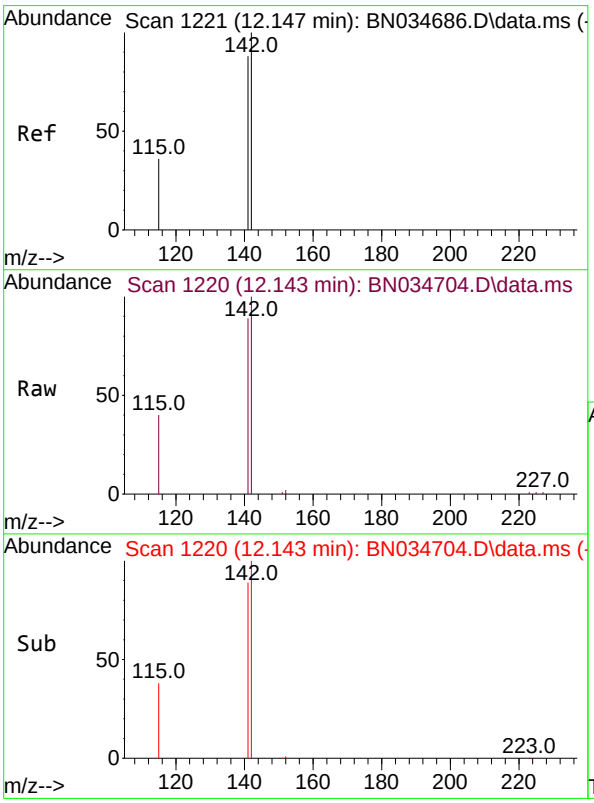
#11
2-Methylnaphthalene-d10
Concen: 0.490 ng
RT: 12.071 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN034704.D
Acq: 24 Oct 2024 22:50

Instrument :
BNA_N
ClientSampleId :
PB164229BSD

Tgt Ion:152 Resp: 12285

Ion	Ratio	Lower	Upper
152	100		
151	14.1	16.7	25.1#

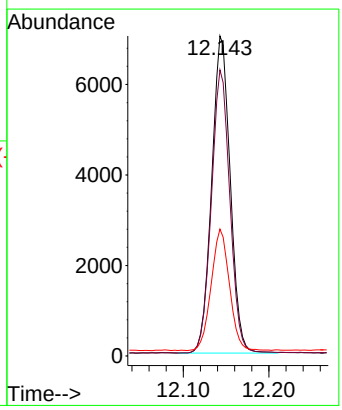


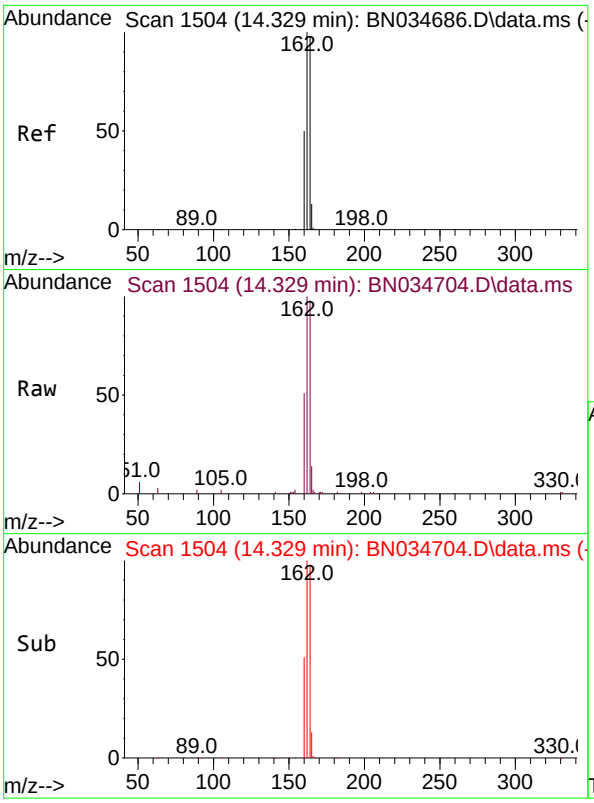


#12
2-Methylnaphthalene
Concen: 0.338 ng
RT: 12.143 min Scan# 1220
Delta R.T. -0.004 min
Lab File: BN034704.D
Acq: 24 Oct 2024 22:50

Tgt Ion:142 Resp: 10570

Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.4	105.6
115	39.6	29.8	44.6



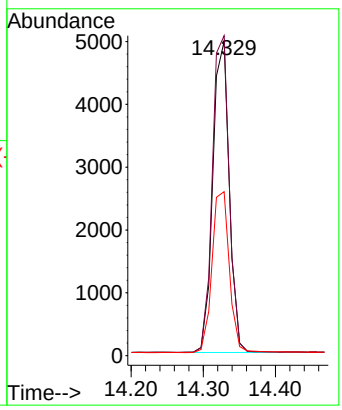


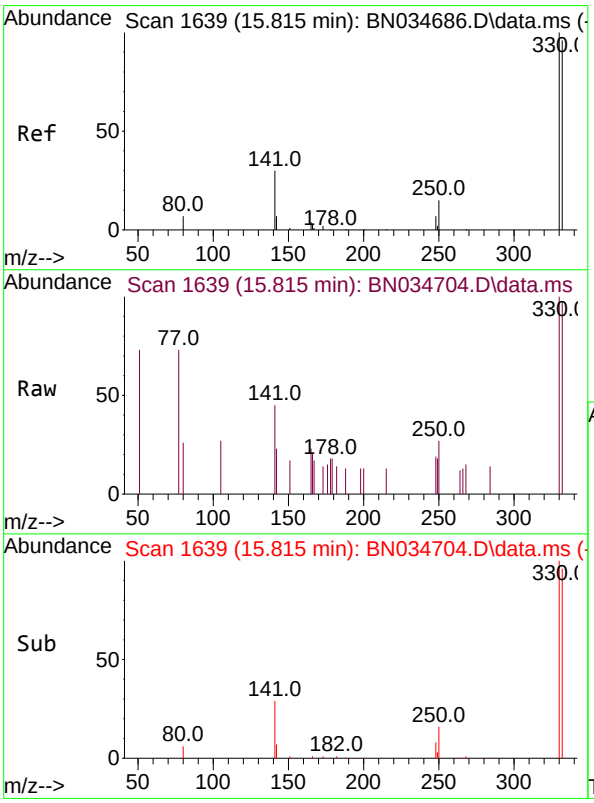
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.329 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN034704.D
Acq: 24 Oct 2024 22:50

Instrument :
BNA_N
ClientSampleId :
PB164229BSD

Tgt Ion:164 Resp: 7824

Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.4	122.0
160	52.2	40.6	61.0

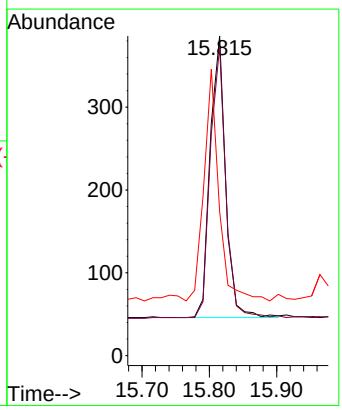


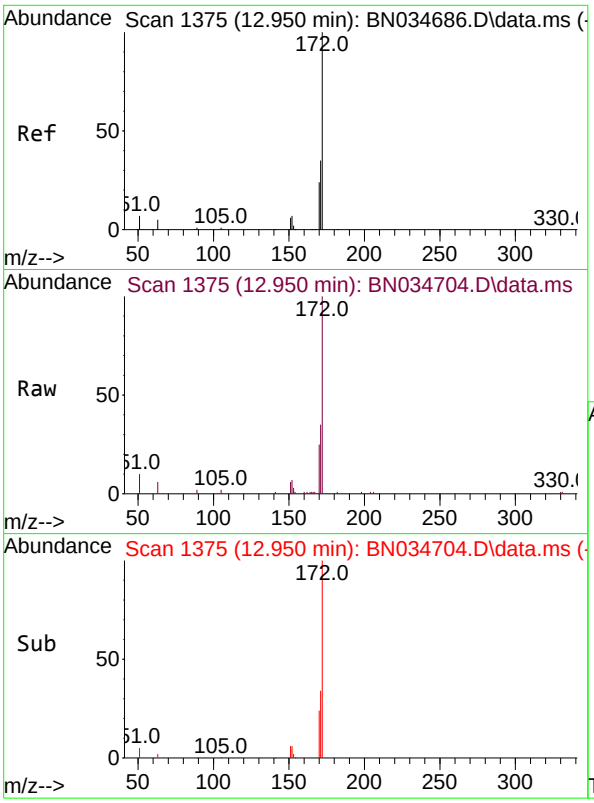


#14
2,4,6-Tribromophenol
Concen: 0.225 ng
RT: 15.815 min Scan# 1639
Delta R.T. 0.000 min
Lab File: BN034704.D
Acq: 24 Oct 2024 22:50

Tgt Ion:330 Resp: 544

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	115.0
141	79.0	54.6	81.8



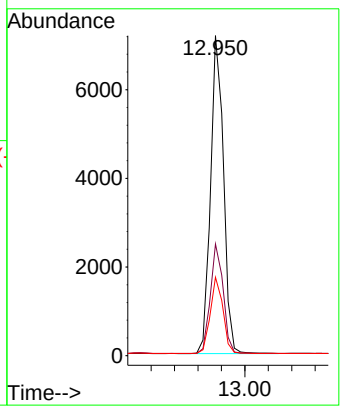


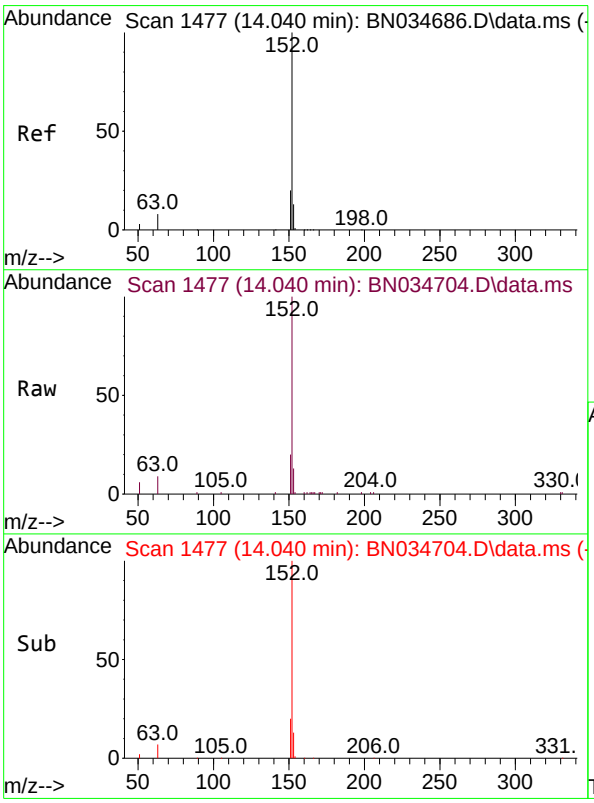
#15
2-Fluorobiphenyl
Concen: 0.354 ng
RT: 12.950 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN034704.D
Acq: 24 Oct 2024 22:50

Instrument :
BNA_N
ClientSampleId :
PB164229BSD

Tgt Ion:172 Resp: 10998

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.3	42.5
170	24.5	19.8	29.6

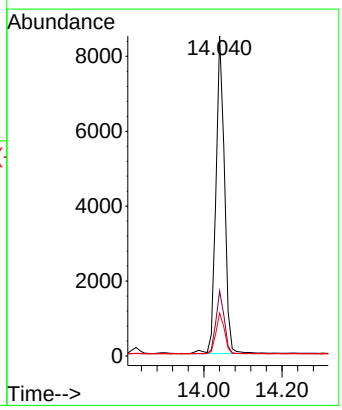


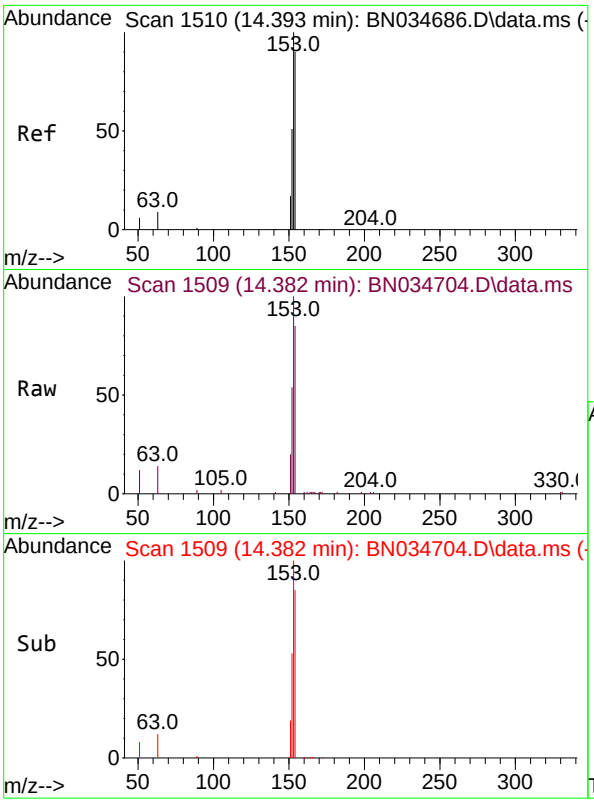


#16
Acenaphthylene
Concen: 0.344 ng
RT: 14.040 min Scan# 1477
Delta R.T. 0.000 min
Lab File: BN034704.D
Acq: 24 Oct 2024 22:50

Tgt Ion:152 Resp: 12917

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.6	23.4
153	13.0	10.6	15.8





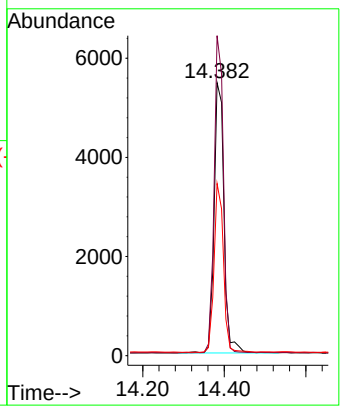
#17
Acenaphthene
Concen: 0.351 ng
RT: 14.382 min Scan# 1

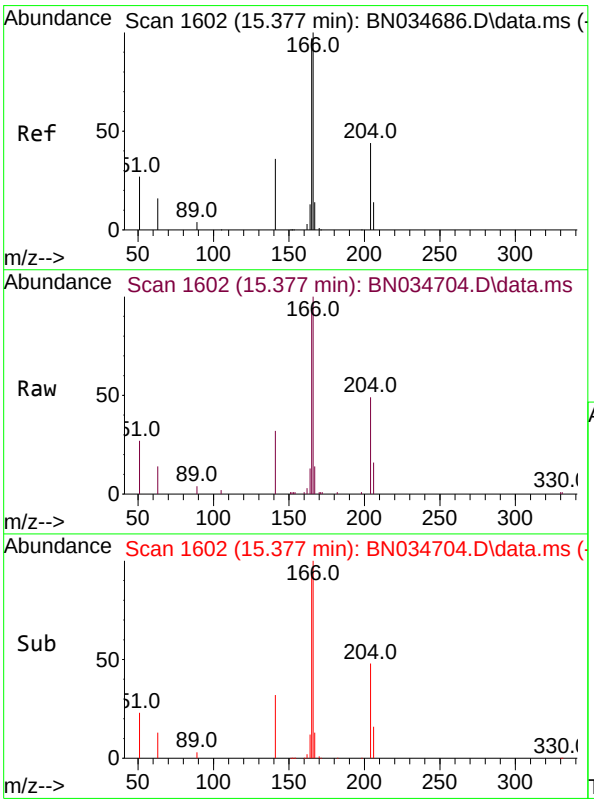
Instrument :
BNA_N
ClientSampleId :
PB164229BSD

Delta R.T. -0.011 min
Lab File: BN034704.D
Acq: 24 Oct 2024 22:50

Tgt Ion:154 Resp: 9099

Ion	Ratio	Lower	Upper
154	100		
153	110.1	88.2	132.2
152	59.2	46.9	70.3

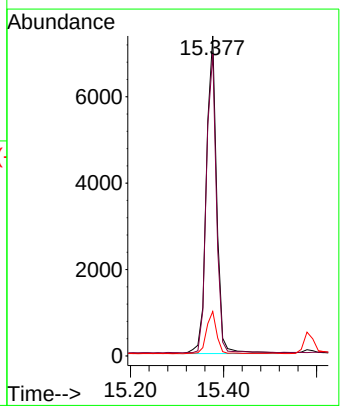


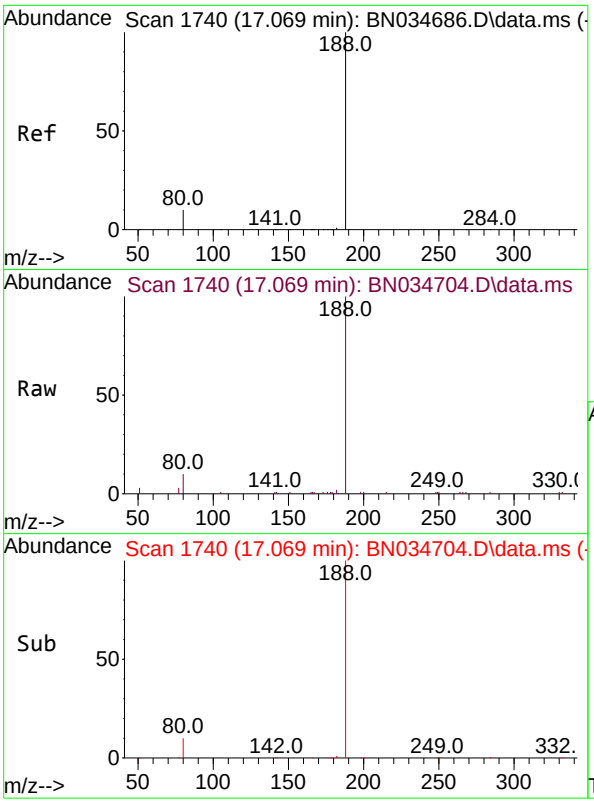


#18
Fluorene
Concen: 0.359 ng
RT: 15.377 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BN034704.D
Acq: 24 Oct 2024 22:50

Tgt Ion:166 Resp: 11462

Ion	Ratio	Lower	Upper
166	100		
165	90.5	78.8	118.2
167	13.0	10.6	16.0



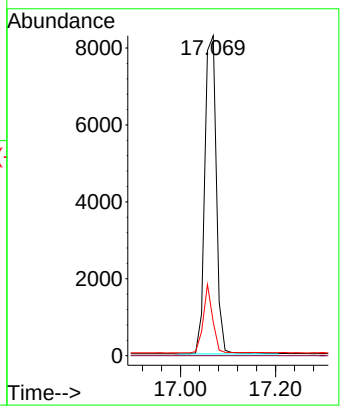


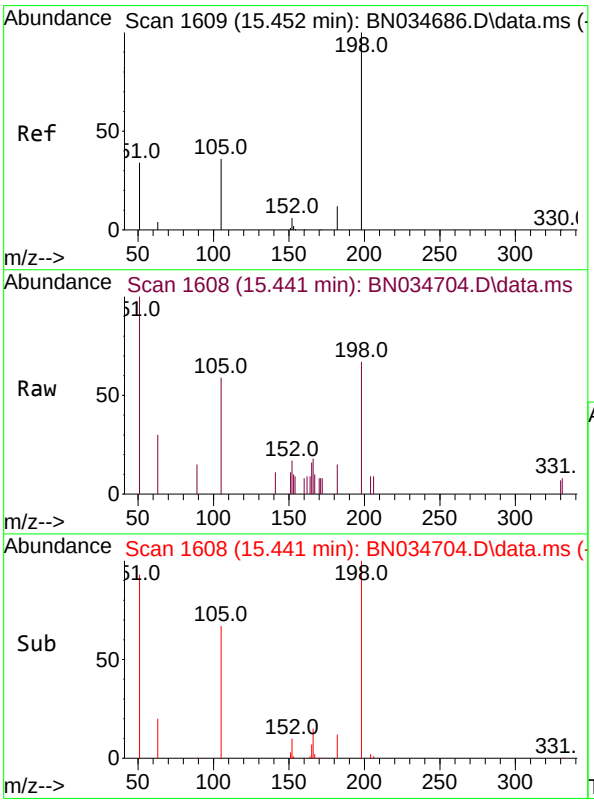
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.069 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN034704.D
Acq: 24 Oct 2024 22:50

Instrument :
BNA_N
ClientSampleId :
PB164229BSD

Tgt Ion:188 Resp: 14054

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.5	8.9	13.3

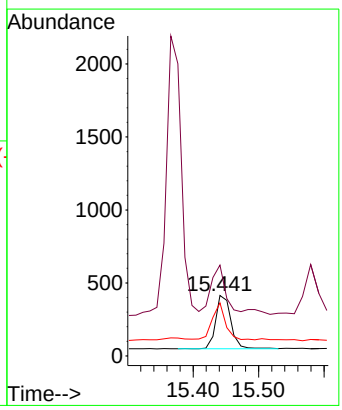


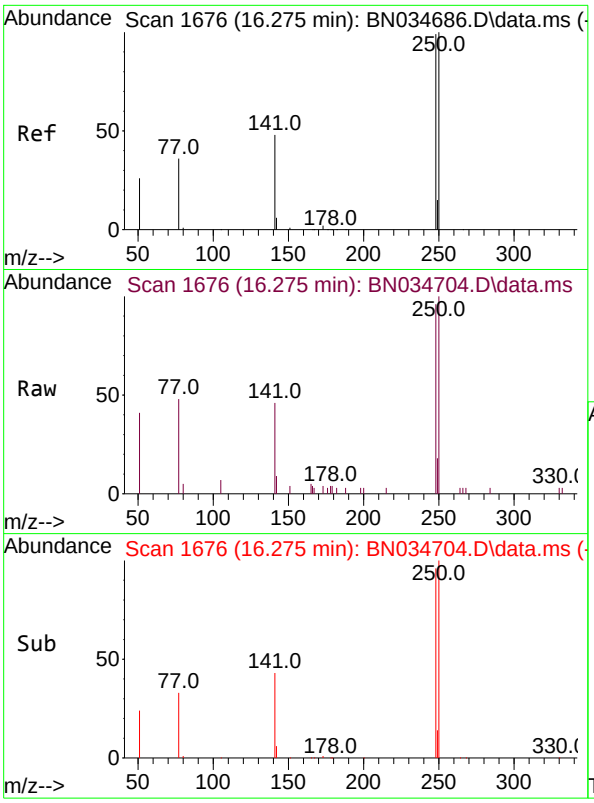


#20
4,6-Dinitro-2-methylphenol
Concen: 0.307 ng
RT: 15.441 min Scan# 1608
Delta R.T. -0.011 min
Lab File: BN034704.D
Acq: 24 Oct 2024 22:50

Tgt Ion:198 Resp: 601

Ion	Ratio	Lower	Upper
198	100		
51	150.2	91.8	137.8#
105	87.9	44.3	66.5#



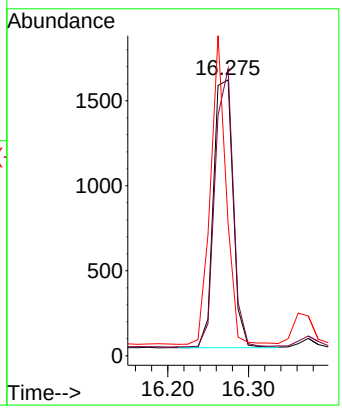


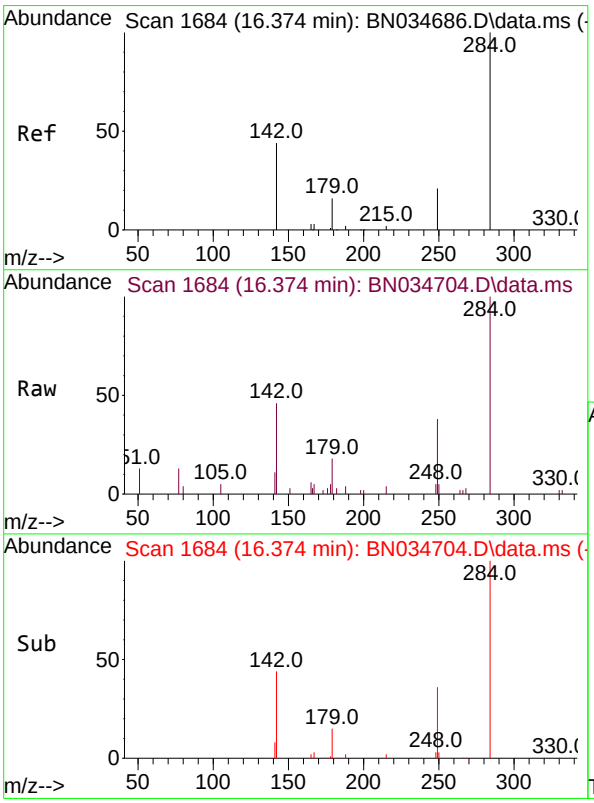
#21
4-Bromophenyl-phenylether
Concen: 0.352 ng
RT: 16.275 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN034704.D
Acq: 24 Oct 2024 22:50

Instrument :
BNA_N
ClientSampleId :
PB164229BSD

Tgt Ion:248 Resp: 2637

Ion	Ratio	Lower	Upper
248	100		
250	104.0	80.9	121.3
141	47.8	40.5	60.7

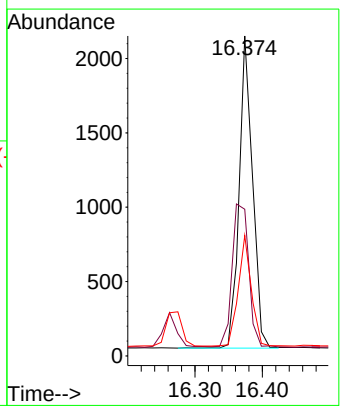


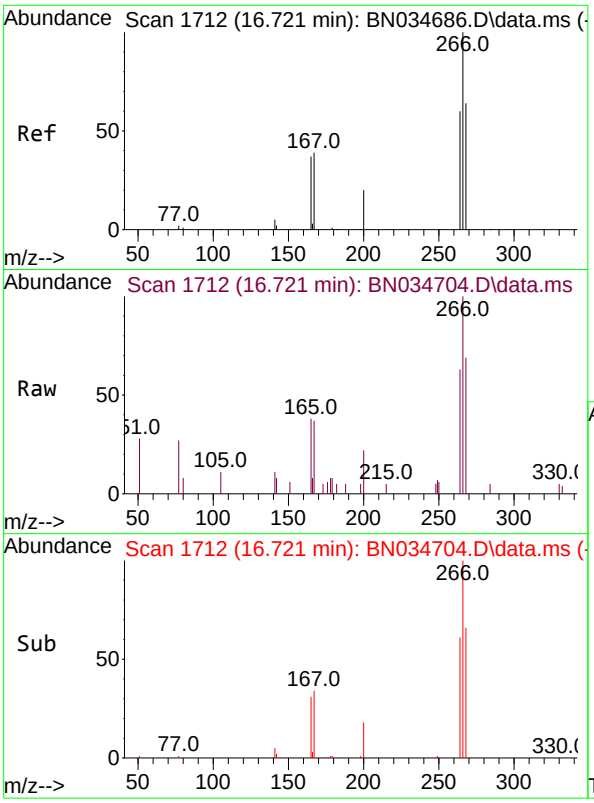


#22
Hexachlorobenzene
Concen: 0.358 ng
RT: 16.374 min Scan# 1684
Delta R.T. 0.000 min
Lab File: BN034704.D
Acq: 24 Oct 2024 22:50

Tgt Ion:284 Resp: 2911

Ion	Ratio	Lower	Upper
284	100		
142	57.2	43.6	65.4
249	34.7	26.6	40.0



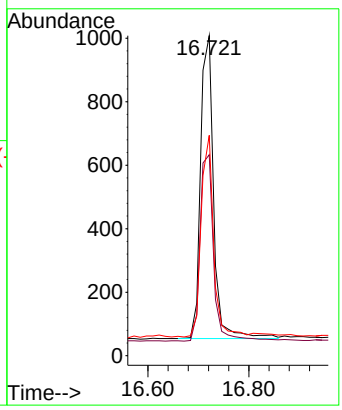


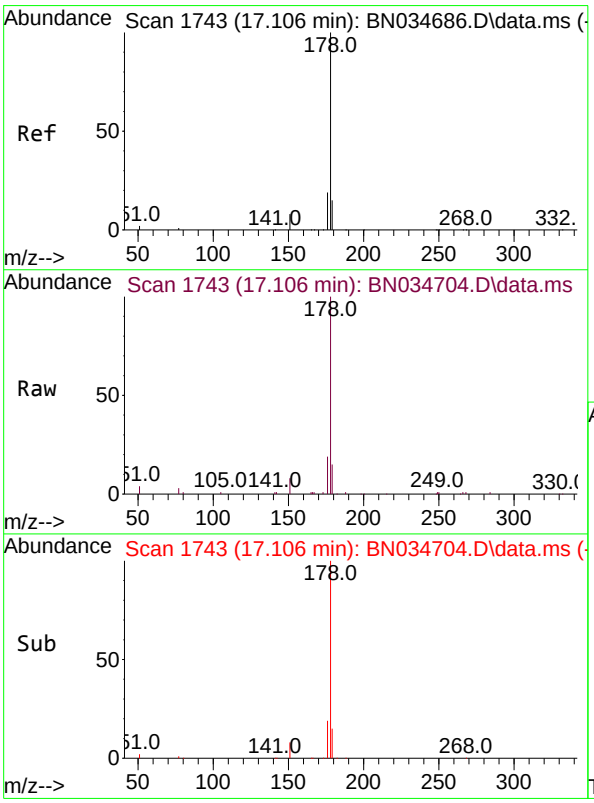
#24
Pentachlorophenol
Concen: 0.599 ng
RT: 16.721 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN034704.D
Acq: 24 Oct 2024 22:50

Instrument :
BNA_N
ClientSampleId :
PB164229BSD

Tgt Ion:266 Resp: 1722

Ion	Ratio	Lower	Upper
266	100		
264	64.0	49.4	74.2
268	63.3	50.5	75.7

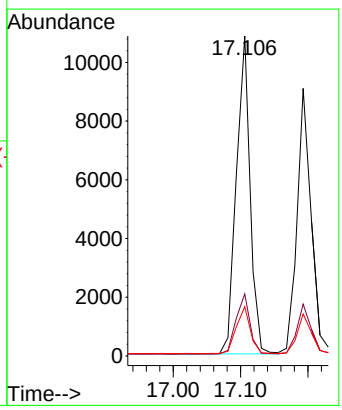


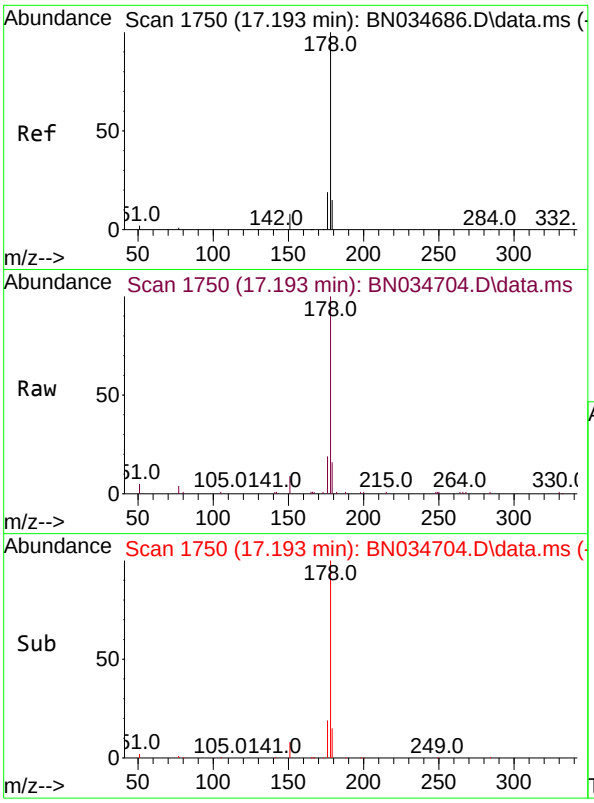


#25
Phenanthrene
Concen: 0.365 ng
RT: 17.106 min Scan# 1743
Delta R.T. 0.000 min
Lab File: BN034704.D
Acq: 24 Oct 2024 22:50

Tgt Ion:178 Resp: 15394

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.1	12.2	18.4



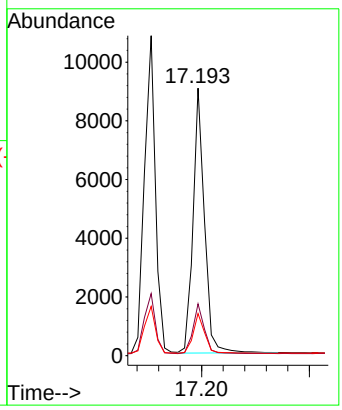


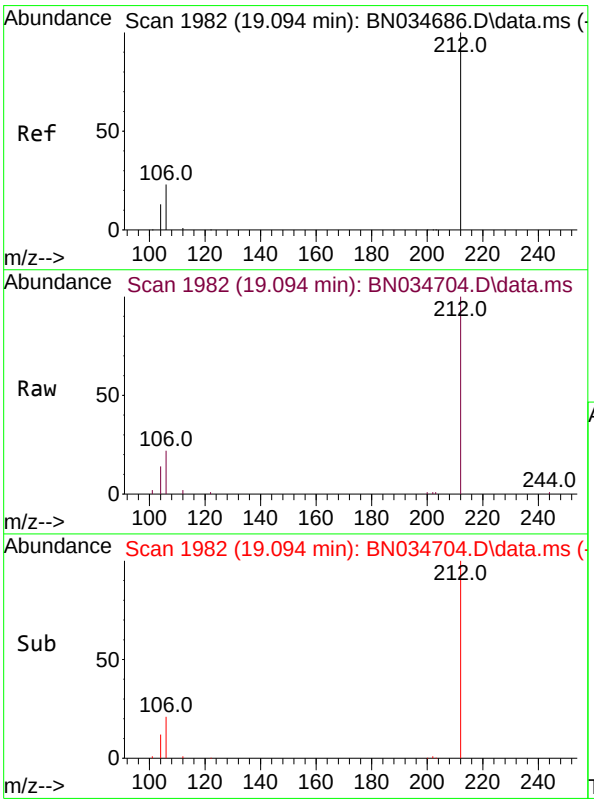
#26
Anthracene
Concen: 0.355 ng
RT: 17.193 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN034704.D
Acq: 24 Oct 2024 22:50

Instrument :
BNA_N
ClientSampleId :
PB164229BSD

Tgt Ion:178 Resp: 13285

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.9	22.3
179	15.0	12.2	18.2

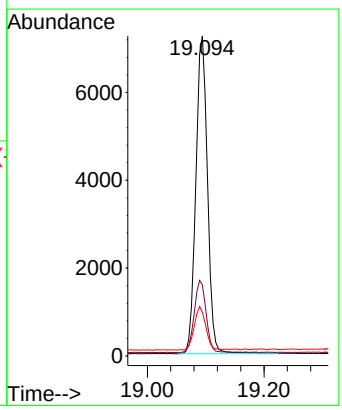


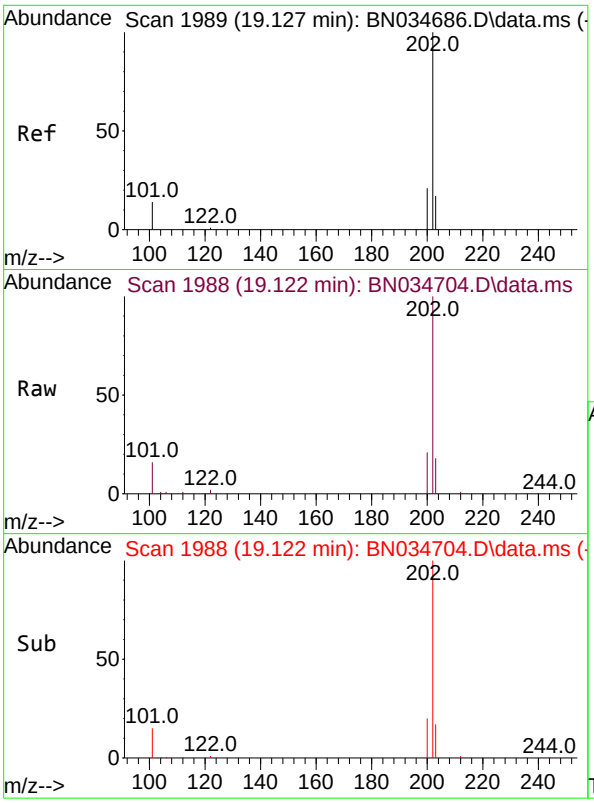


#27
Fluoranthene-d10
Concen: 0.316 ng
RT: 19.094 min Scan# 1982
Delta R.T. 0.000 min
Lab File: BN034704.D
Acq: 24 Oct 2024 22:50

Tgt Ion:212 Resp: 10017

Ion	Ratio	Lower	Upper
212	100		
106	23.1	17.8	26.8
104	13.4	10.2	15.4



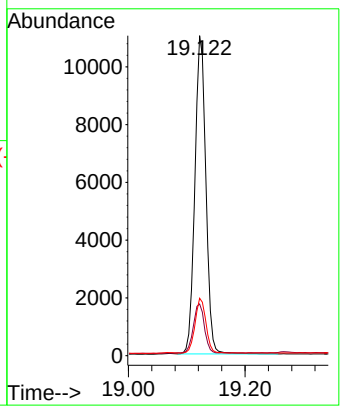


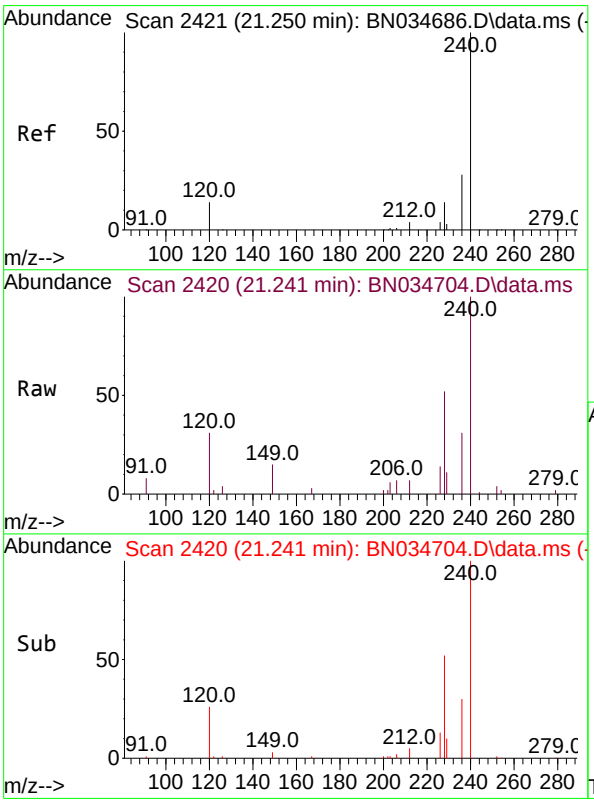
#28
Fluoranthene
Concen: 0.327 ng
RT: 19.122 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN034704.D
Acq: 24 Oct 2024 22:50

Instrument :
BNA_N
ClientSampleId :
PB164229BSD

Tgt Ion:202 Resp: 14394

Ion	Ratio	Lower	Upper
202	100		
101	16.0	12.8	19.2
203	17.0	13.5	20.3

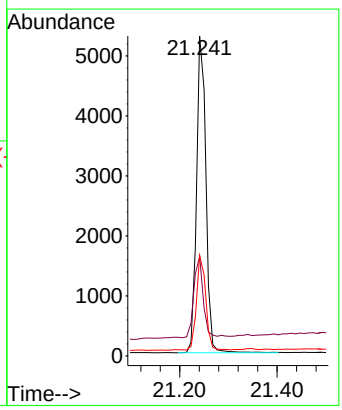


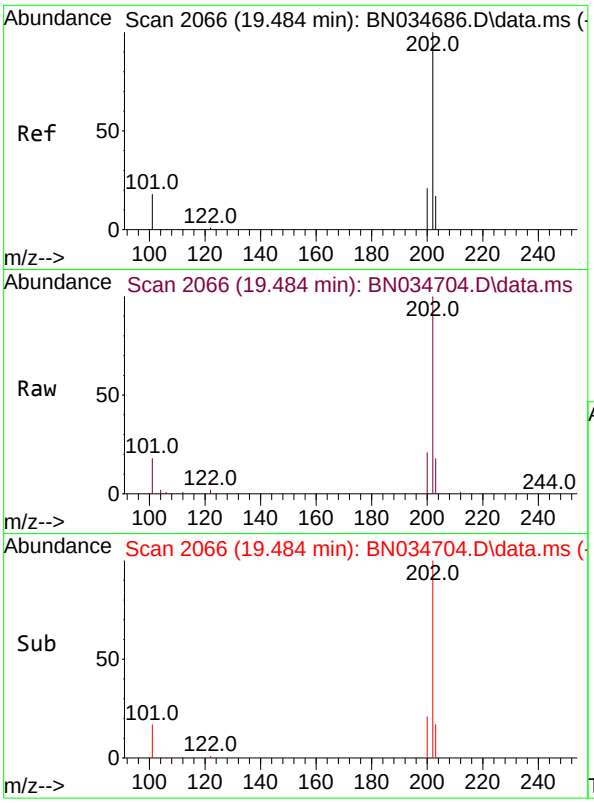


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.241 min Scan# 2420
Delta R.T. -0.009 min
Lab File: BN034704.D
Acq: 24 Oct 2024 22:50

Tgt Ion:240 Resp: 7021

Ion	Ratio	Lower	Upper
240	100		
120	31.1	14.2	21.2#
236	31.4	23.1	34.7



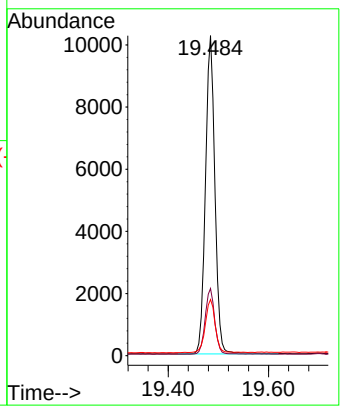


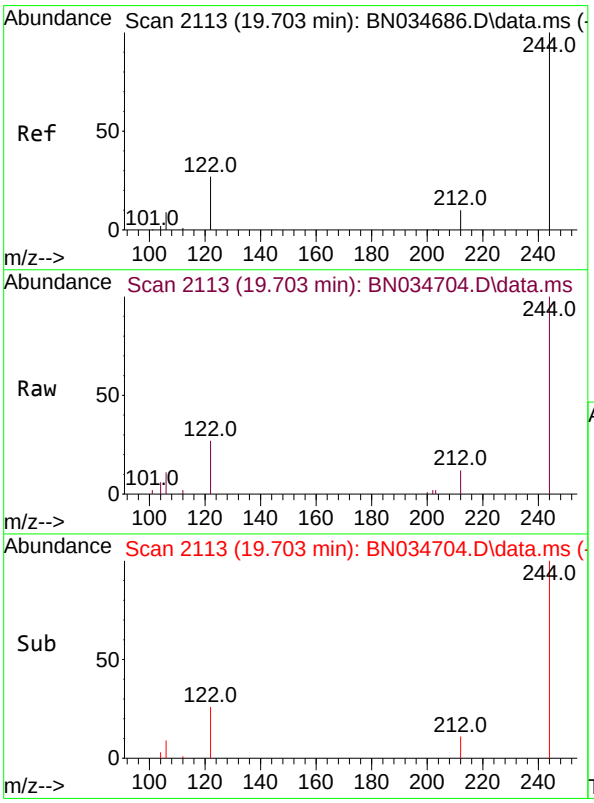
#30
Pyrene
Concen: 0.371 ng
RT: 19.484 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN034704.D
Acq: 24 Oct 2024 22:50

Instrument :
BNA_N
ClientSampleId :
PB164229BSD

Tgt Ion:202 Resp: 13390

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	17.2	14.2	21.4

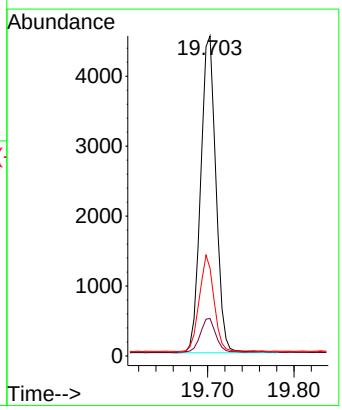


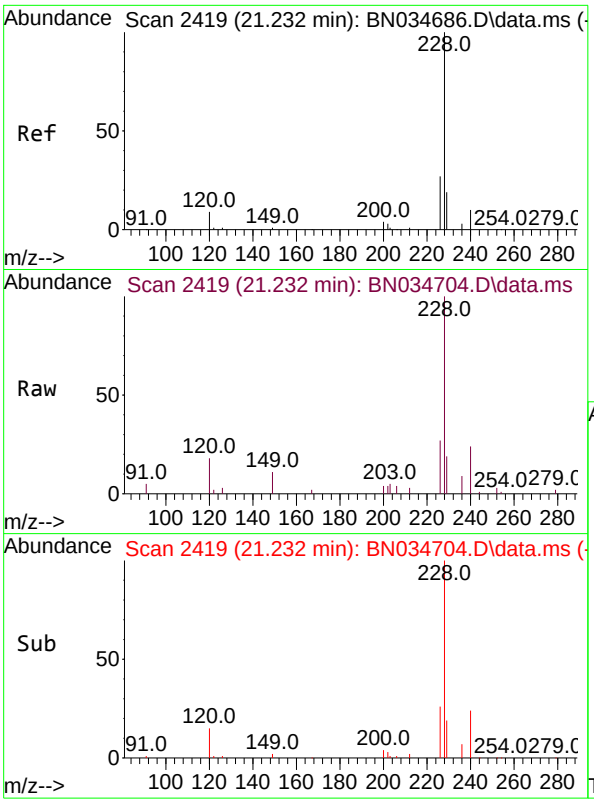


#31
Terphenyl-d14
Concen: 0.388 ng
RT: 19.703 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BN034704.D
Acq: 24 Oct 2024 22:50

Tgt Ion:244 Resp: 5561

Ion	Ratio	Lower	Upper
244	100		
212	11.7	8.6	13.0
122	27.4	22.3	33.5



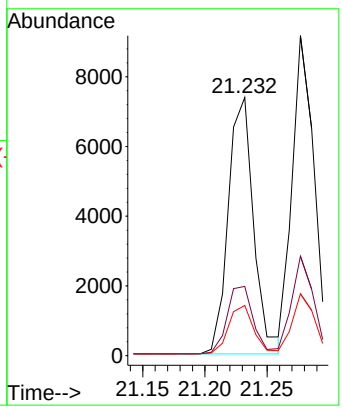


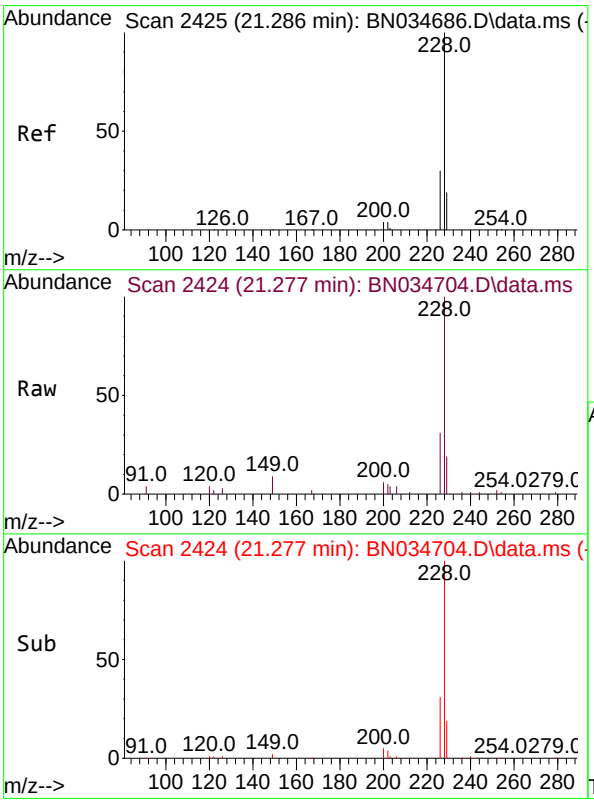
#32
Benzo(a)anthracene
Concen: 0.390 ng
RT: 21.232 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN034704.D
Acq: 24 Oct 2024 22:50

Instrument :
BNA_N
ClientSampleId :
PB164229BSD

Tgt Ion:228 Resp: 10448

Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.0	33.0
229	19.5	15.6	23.4

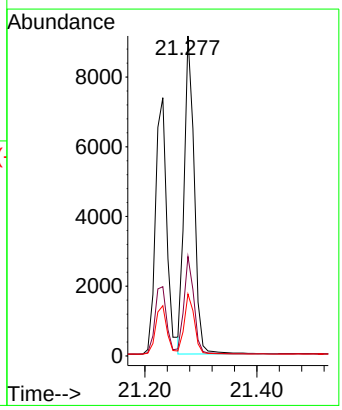


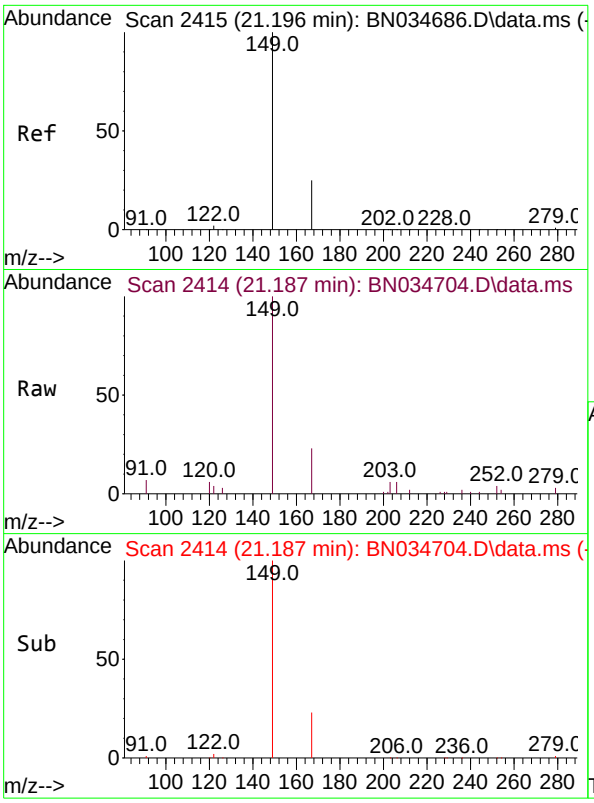


#33
Chrysene
Concen: 0.411 ng
RT: 21.277 min Scan# 2424
Delta R.T. -0.009 min
Lab File: BN034704.D
Acq: 24 Oct 2024 22:50

Tgt Ion:228 Resp: 11412

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.1	36.1
229	19.4	15.8	23.8



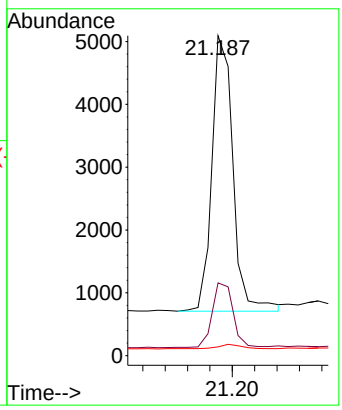


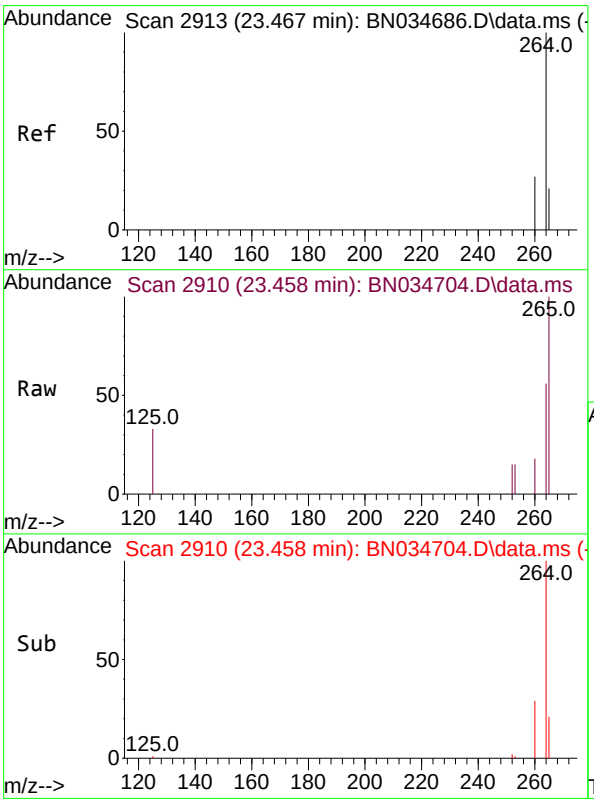
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.376 ng
RT: 21.187 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN034704.D
Acq: 24 Oct 2024 22:50

Instrument :
BNA_N
ClientSampleId :
PB164229BSD

Tgt Ion:149 Resp: 5728

Ion	Ratio	Lower	Upper
149	100		
167	23.6	19.7	29.5
279	2.0	1.8	2.6

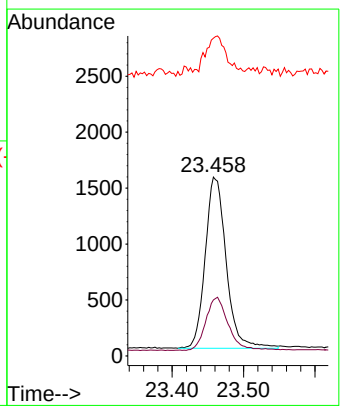


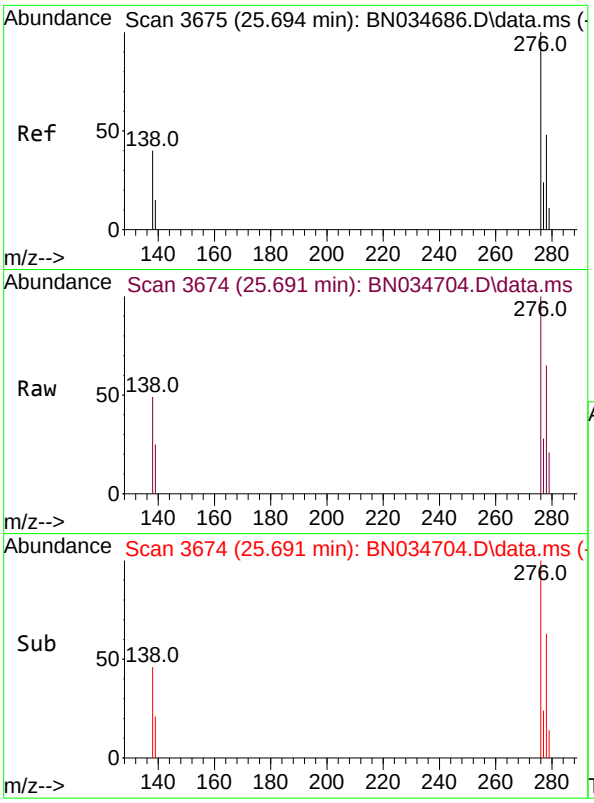


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.458 min Scan# 2910
Delta R.T. -0.009 min
Lab File: BN034704.D
Acq: 24 Oct 2024 22:50

Tgt Ion:264 Resp: 3135

Ion	Ratio	Lower	Upper
264	100		
260	31.3	21.9	32.9
265	177.6	60.6	91.0#



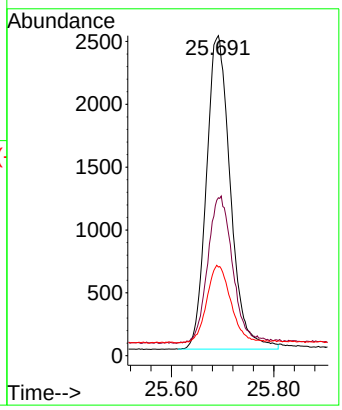


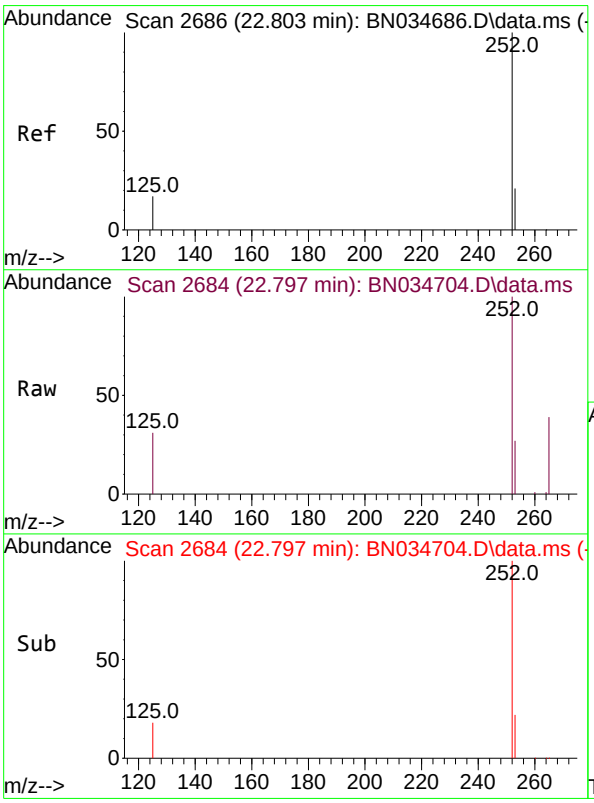
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.673 ng
RT: 25.691 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN034704.D
Acq: 24 Oct 2024 22:50

Instrument :
BNA_N
ClientSampleId :
PB164229BSD

Tgt Ion:276 Resp: 8126

Ion	Ratio	Lower	Upper
276	100		
138	48.5	35.1	52.7
277	25.0	19.7	29.5

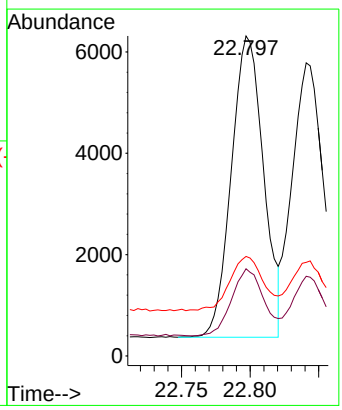


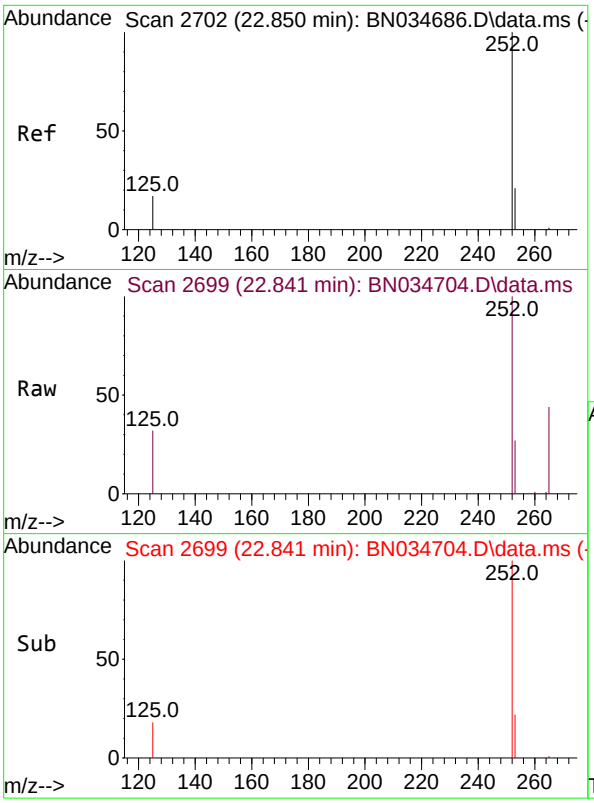


#37
Benzo(b)fluoranthene
Concen: 0.775 ng
RT: 22.797 min Scan# 2684
Delta R.T. -0.006 min
Lab File: BN034704.D
Acq: 24 Oct 2024 22:50

Tgt Ion:252 Resp: 9699

Ion	Ratio	Lower	Upper
252	100		
253	27.3	20.0	30.0
125	31.1	20.9	31.3



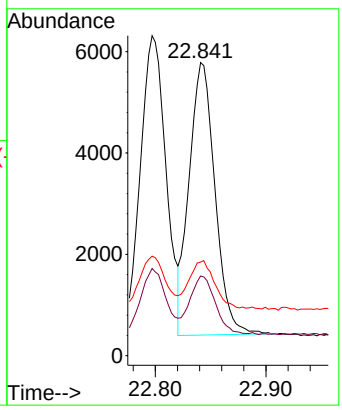


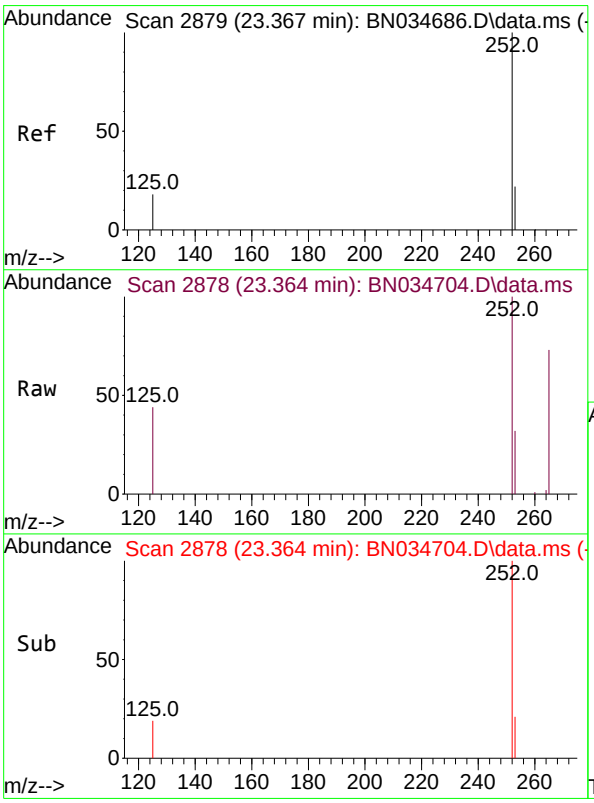
#38
Benzo(k)fluoranthene
Concen: 0.708 ng
RT: 22.841 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN034704.D
Acq: 24 Oct 2024 22:50

Instrument :
BNA_N
ClientSampleId :
PB164229BSD

Tgt Ion:252 Resp: 8745

Ion	Ratio	Lower	Upper
252	100		
253	27.2	20.6	31.0
125	32.0	21.6	32.4

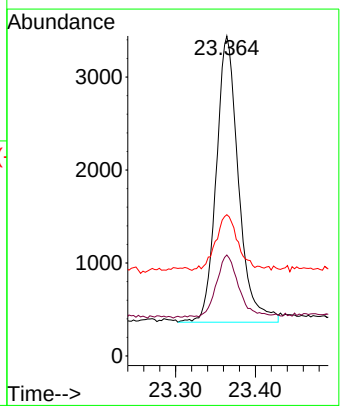


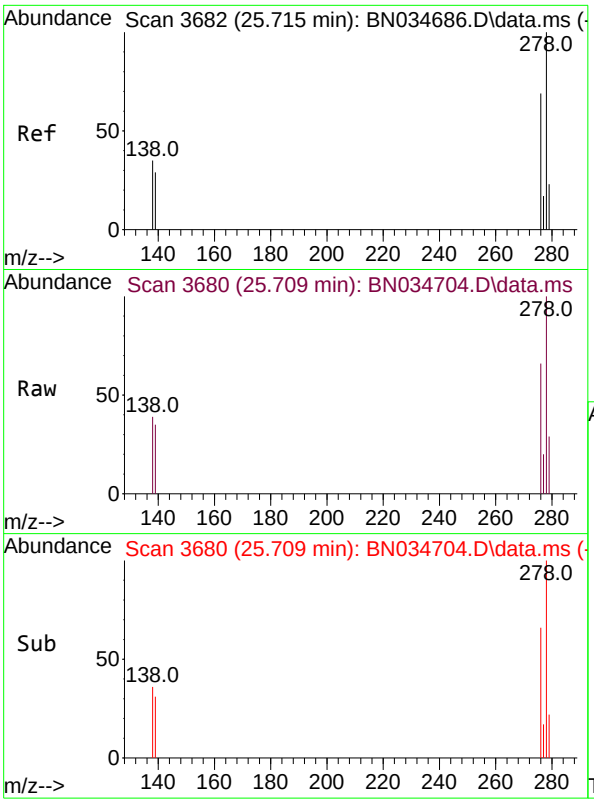


#39
Benzo(a)pyrene
Concen: 0.593 ng
RT: 23.364 min Scan# 2878
Delta R.T. -0.003 min
Lab File: BN034704.D
Acq: 24 Oct 2024 22:50

Tgt Ion:252 Resp: 5960

Ion	Ratio	Lower	Upper
252	100		
253	31.6	22.2	33.4
125	44.2	26.0	39.0#



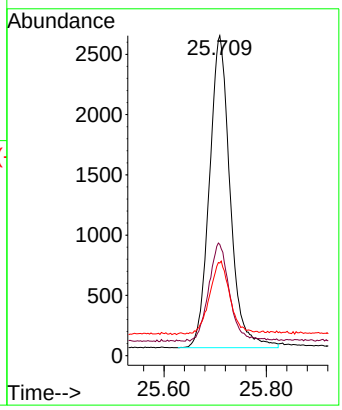


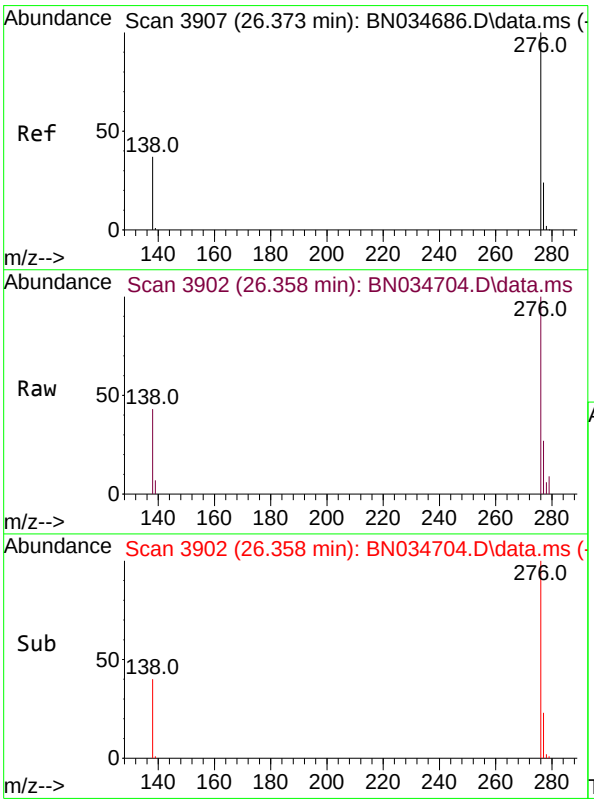
#40
Dibenzo(a,h)anthracene
Concen: 0.762 ng
RT: 25.709 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN034704.D
Acq: 24 Oct 2024 22:50

Instrument :
BNA_N
ClientSampleId :
PB164229BSD

Tgt Ion:278 Resp: 7257

Ion	Ratio	Lower	Upper
278	100		
139	34.8	25.4	38.2
279	28.9	22.4	33.6





#41
Benzo(g,h,i)perylene
Concen: 0.633 ng
RT: 26.358 min Scan# 3902
Delta R.T. -0.015 min
Lab File: BN034704.D
Acq: 24 Oct 2024 22:50

Tgt Ion:276 Resp: 6650

Ion	Ratio	Lower	Upper
276	100		
277	27.4	21.3	31.9
138	43.2	31.9	47.9