Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110424\
Data File : BN034853.D
Acq On : 04 Nov 2024 23:21
Operator : RC/JU
Sample : PB164511BSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB164511BSD

Quant Time: Nov 05 00:12:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN103024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 05 00:03:28 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.589	152	6841	0.400	ng		0.00
7) Naphthalene-d8	10.351	136	20343	0.400	ng	#	0.00
13) Acenaphthene-d10	14.222	164	9830	0.400	ng		0.00
19) Phenanthrene-d10	16.970	188	18690	0.400	ng		0.00
29) Chrysene-d12	21.160	240	9814	0.400	ng	#	0.00
35) Perylene-d12	23.335	264	7135	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.213	112	6846	0.330	ng		0.00
5) Phenol-d6	6.773	99	9291	0.345	ng		0.00
8) Nitrobenzene-d5	8.728	82	5751	0.360	ng		0.00
11) 2-Methylnaphthalene-d10	11.950	152	12710	0.432	ng		0.00
14) 2,4,6-Tribromophenol	15.716	330	885	0.182	ng		0.00
15) 2-Fluorobiphenyl	12.843	172	14930	0.386	ng		0.00
27) Fluoranthene-d10	19.001	212	14499	0.331	ng		0.00
31) Terphenyl-d14	19.614	244	8606	0.408	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.198	88	2453	0.327	ng	#	40
3) n-Nitrosodimethylamine	3.494	42	3893	0.461	ng	#	85
6) bis(2-Chloroethyl)ether	7.026	93	8000	0.407	ng		95
9) Naphthalene	10.404	128	20735	0.369	ng		99
10) Hexachlorobutadiene	10.703	225	3255	0.351	ng	#	98
12) 2-Methylnaphthalene	12.026	142	12912	0.351	ng		99
16) Acenaphthylene	13.933	152	17472	0.354	ng		100
17) Acenaphthene	14.286	154	11658	0.355	ng		95
18) Fluorene	15.270	166	14247	0.348	ng		99
20) 4,6-Dinitro-2-methylph...	15.355	198	541	0.331	ng	#	83
21) 4-Bromophenyl-phenylether	16.175	248	3696	0.342	ng		93
22) Hexachlorobenzene	16.275	284	4609	0.381	ng		94
23) Atrazine	16.448	200	2599	0.279	ng		98
24) Pentachlorophenol	16.622	266	1665	0.319	ng		98
25) Phenanthrene	17.007	178	21632	0.394	ng		99
26) Anthracene	17.094	178	19075	0.371	ng		100
28) Fluoranthene	19.034	202	20559	0.339	ng		99
30) Pyrene	19.396	202	20656	0.403	ng		100
32) Benzo(a)anthracene	21.142	228	14497	0.371	ng		100
33) Chrysene	21.196	228	15707	0.411	ng		100
34) Bis(2-ethylhexyl)phtha...	21.107	149	7725	0.236	ng		97
36) Indeno(1,2,3-cd)pyrene	25.504	276	11454	0.436	ng		94
37) Benzo(b)fluoranthene	22.689	252	12554	0.437	ng	#	96
38) Benzo(k)fluoranthene	22.730	252	12552	0.448	ng		96
39) Benzo(a)pyrene	23.241	252	9977	0.421	ng	#	92
40) Dibenzo(a,h)anthracene	25.522	278	8691	0.425	ng		98
41) Benzo(g,h,i)perylene	26.159	276	9347	0.423	ng		94

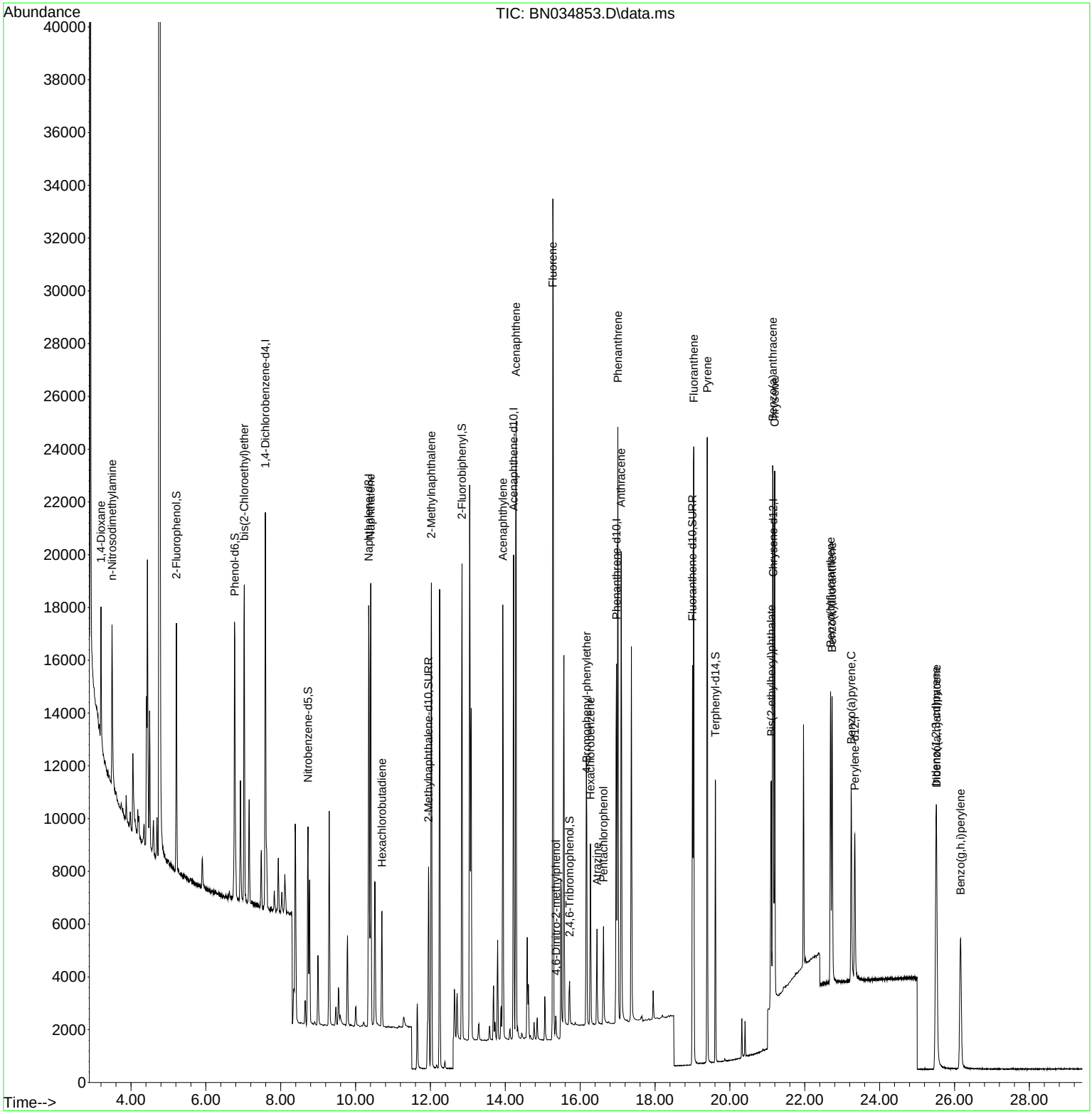
(#) = qualifier out of range (m) = manual integration (+) = signals summed

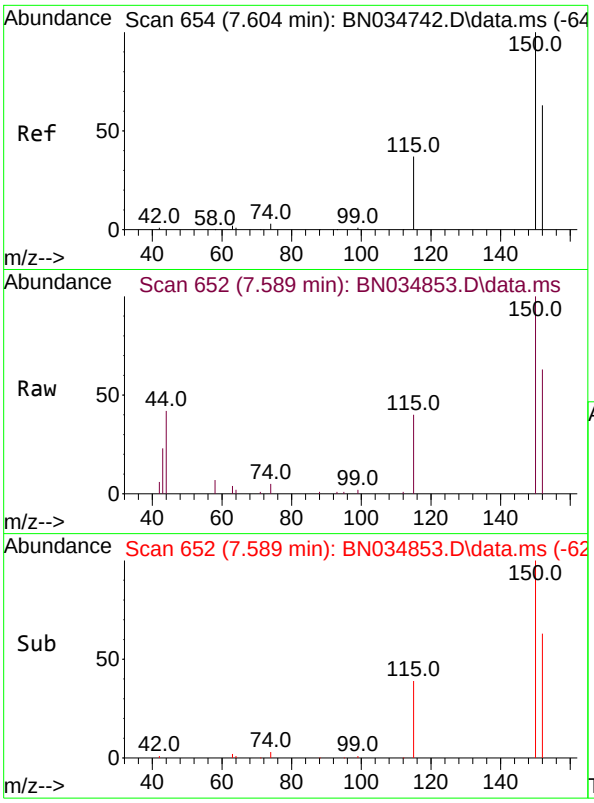
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110424\
Data File : BN034853.D
Acq On : 04 Nov 2024 23:21
Operator : RC/JU
Sample : PB164511BSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB164511BSD

Quant Time: Nov 05 00:12:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN103024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 05 00:03:28 2024
Response via : Initial Calibration



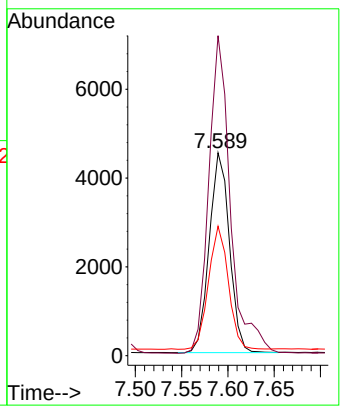


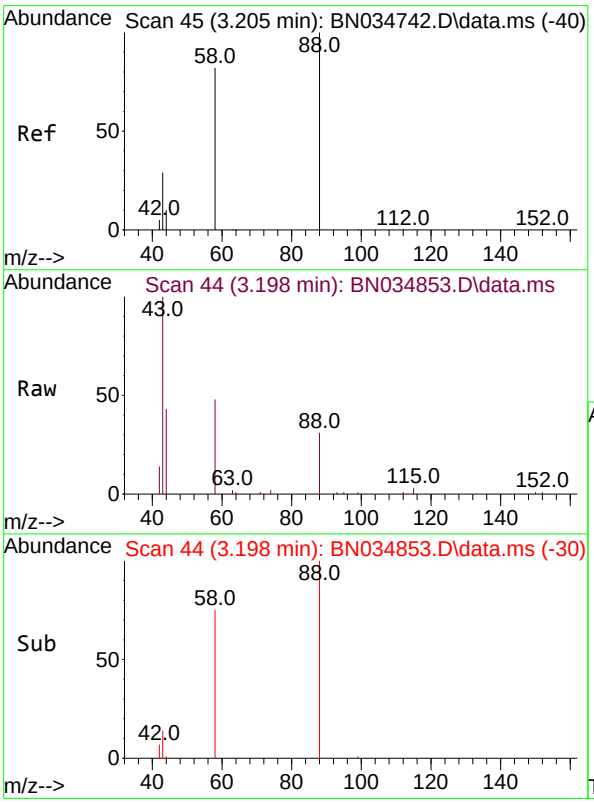
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.589 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN034853.D
Acq: 04 Nov 2024 23:21

Instrument :
BNA_N
ClientSampleId :
PB164511BSD

Tgt Ion:152 Resp: 6841

Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.9	187.3
115	63.8	50.2	75.2

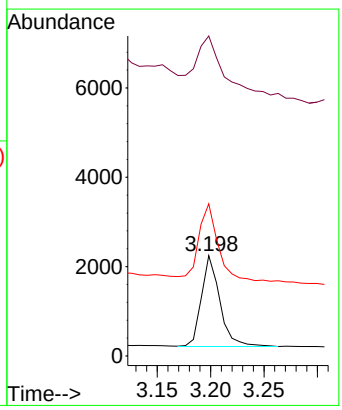


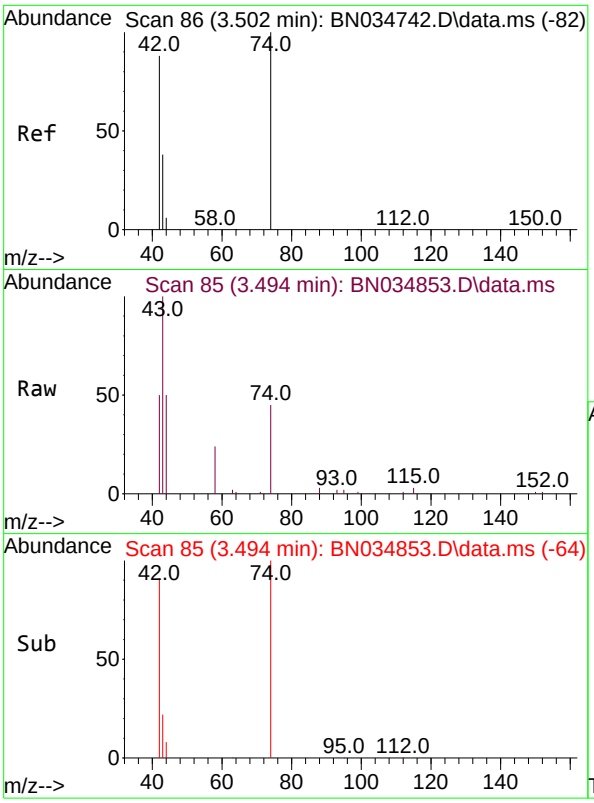


#2
1,4-Dioxane
Concen: 0.327 ng
RT: 3.198 min Scan# 44
Delta R.T. -0.000 min
Lab File: BN034853.D
Acq: 04 Nov 2024 23:21

Tgt Ion: 88 Resp: 2453

Ion	Ratio	Lower	Upper
88	100		
43	114.3	26.7	40.1#
58	93.6	59.3	88.9#



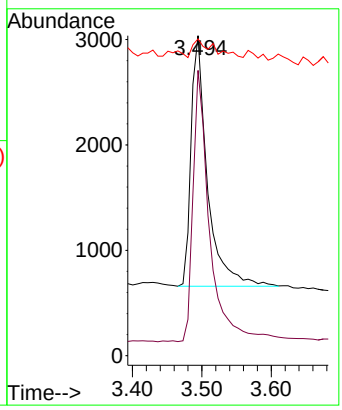


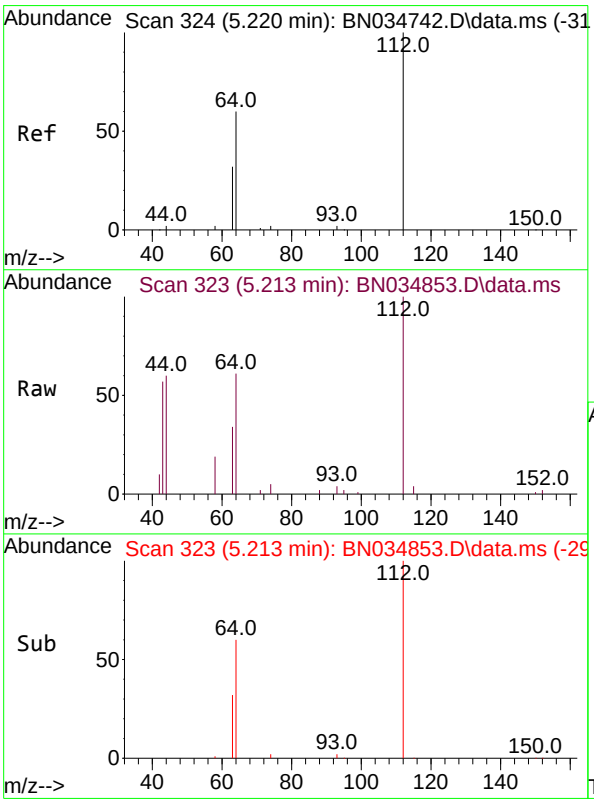
#3
n-Nitrosodimethylamine
Concen: 0.461 ng
RT: 3.494 min Scan# 8
Delta R.T. -0.000 min
Lab File: BN034853.D
Acq: 04 Nov 2024 23:21

Instrument :
BNA_N
ClientSampleId :
PB164511BSD

Tgt Ion: 42 Resp: 3893

Ion	Ratio	Lower	Upper
42	100		
74	110.8	103.1	154.7
44	10.4	6.7	10.1#

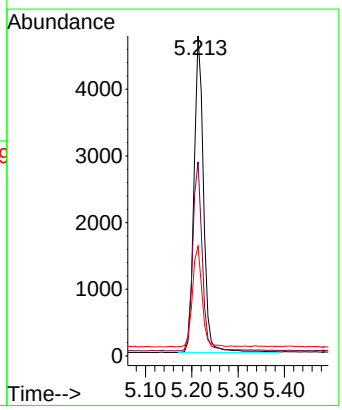


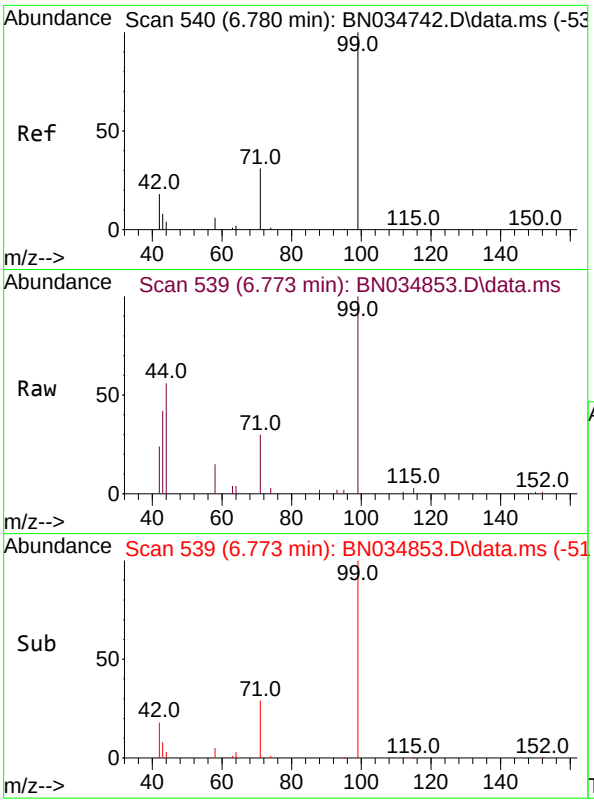


#4
2-Fluorophenol
Concen: 0.330 ng
RT: 5.213 min Scan# 323
Delta R.T. -0.000 min
Lab File: BN034853.D
Acq: 04 Nov 2024 23:21

Tgt Ion:112 Resp: 6846

Ion	Ratio	Lower	Upper
112	100		
64	59.4	44.9	67.3
63	31.8	23.5	35.3



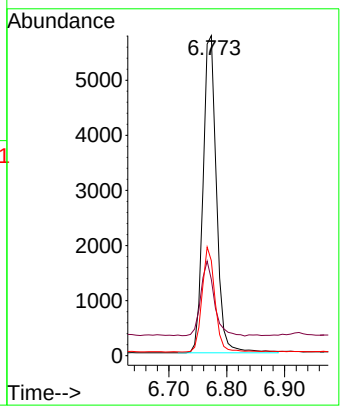


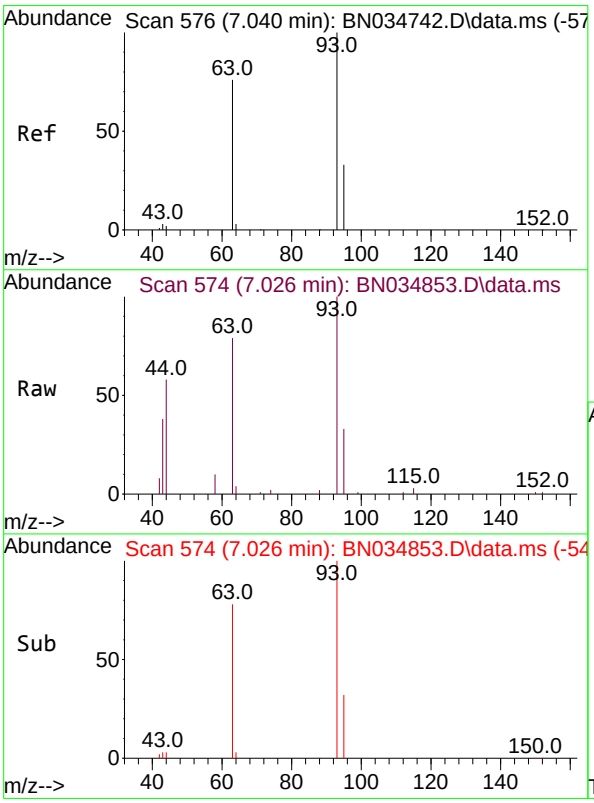
#5
Phenol-d6
Concen: 0.345 ng
RT: 6.773 min Scan# 5
Delta R.T. 0.007 min
Lab File: BN034853.D
Acq: 04 Nov 2024 23:21

Instrument :
BNA_N
ClientSampleId :
PB164511BSD

Tgt Ion: 99 Resp: 9291

Ion	Ratio	Lower	Upper
99	100		
42	23.8	15.9	23.9
71	31.8	24.3	36.5

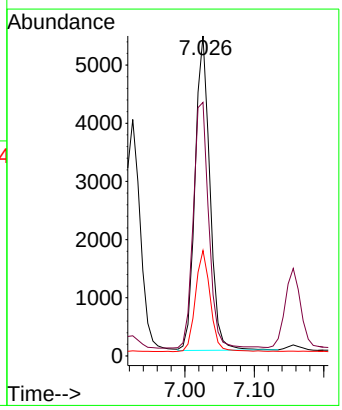


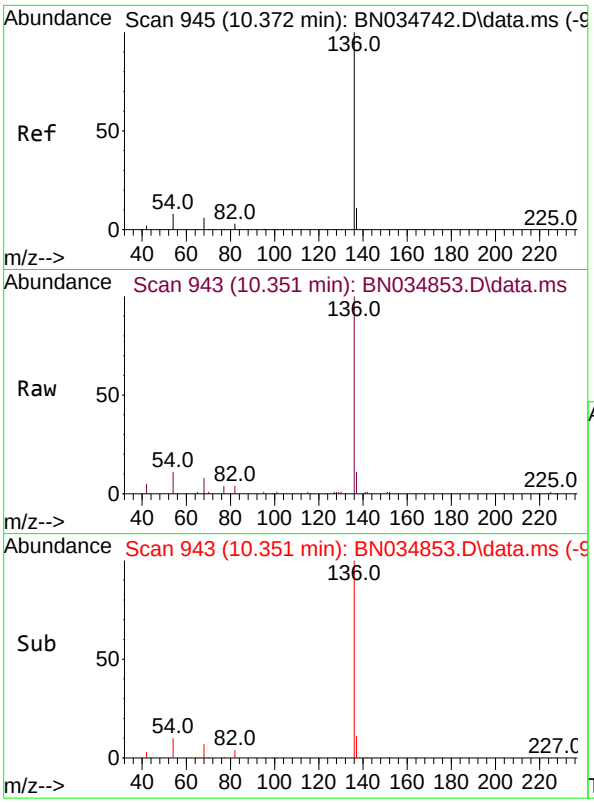


#6
bis(2-Chloroethyl)ether
Concen: 0.407 ng
RT: 7.026 min Scan# 574
Delta R.T. -0.000 min
Lab File: BN034853.D
Acq: 04 Nov 2024 23:21

Tgt Ion: 93 Resp: 8000

Ion	Ratio	Lower	Upper
93	100		
63	82.1	61.2	91.8
95	32.2	25.8	38.8



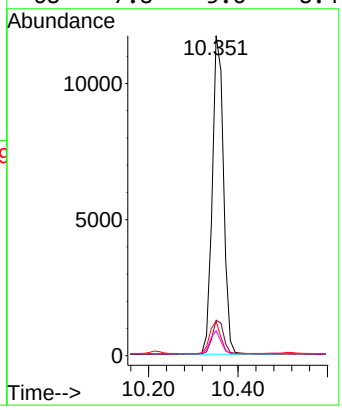


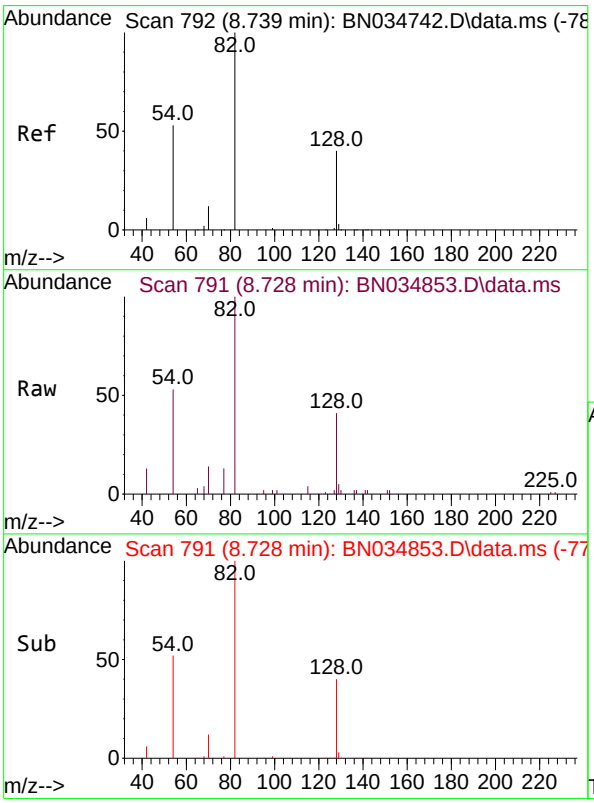
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.351 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN034853.D
Acq: 04 Nov 2024 23:21

Instrument :
BNA_N
ClientSampleId :
PB164511BSD

Tgt Ion:136 Resp: 20343

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	10.7	7.0	10.4#
68	7.8	5.6	8.4

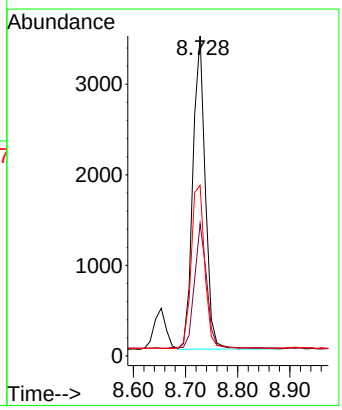


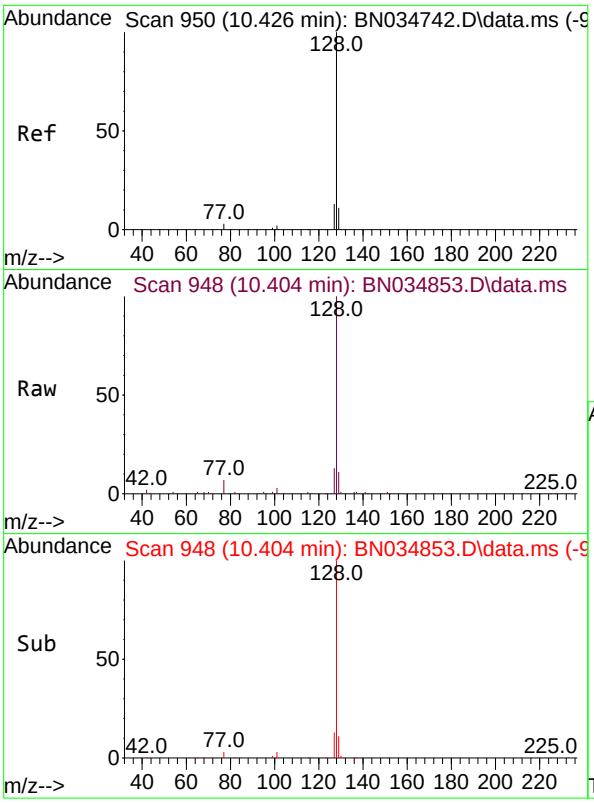


#8
Nitrobenzene-d5
Concen: 0.360 ng
RT: 8.728 min Scan# 791
Delta R.T. -0.000 min
Lab File: BN034853.D
Acq: 04 Nov 2024 23:21

Tgt Ion: 82 Resp: 5751

Ion	Ratio	Lower	Upper
82	100		
128	41.3	33.7	50.5
54	53.4	44.4	66.6



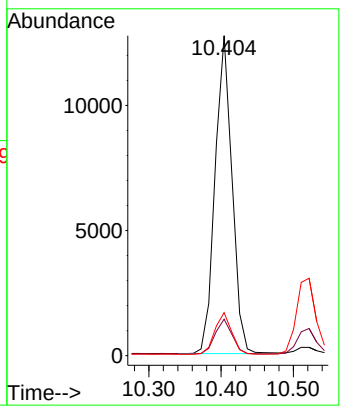


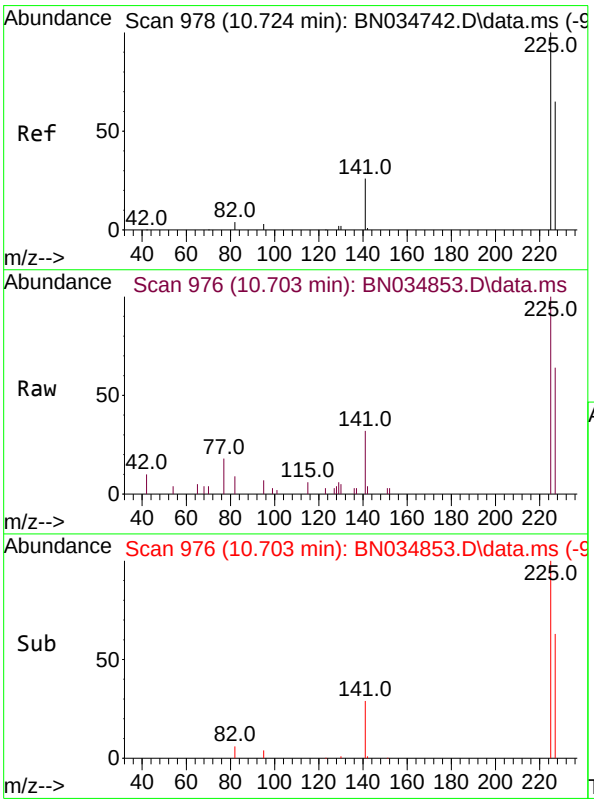
#9
Naphthalene
Concen: 0.369 ng
RT: 10.404 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN034853.D
Acq: 04 Nov 2024 23:21

Instrument :
BNA_N
ClientSampleId :
PB164511BSD

Tgt Ion:128 Resp: 20735

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.0
127	13.4	10.6	15.8

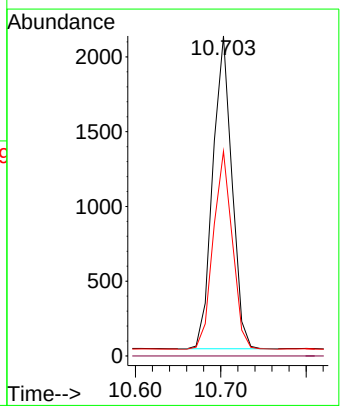


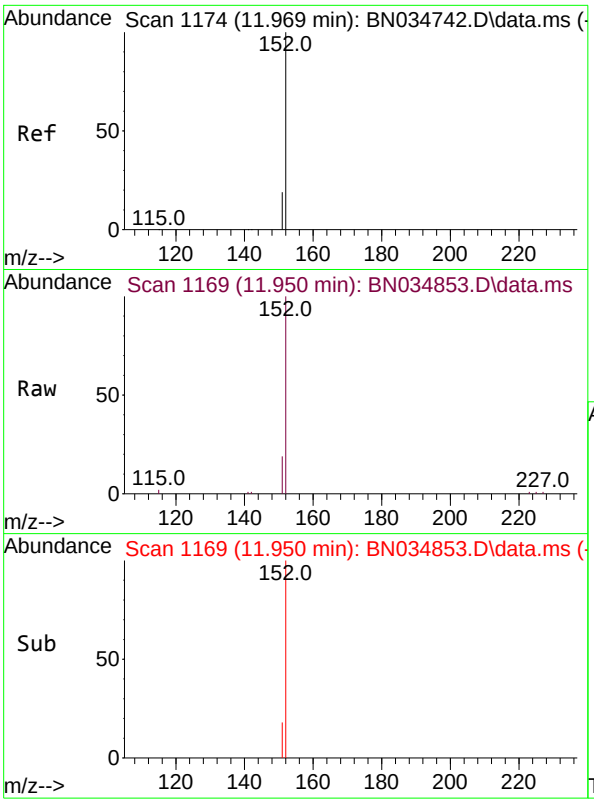


#10
Hexachlorobutadiene
Concen: 0.351 ng
RT: 10.703 min Scan# 976
Delta R.T. -0.000 min
Lab File: BN034853.D
Acq: 04 Nov 2024 23:21

Tgt Ion:225 Resp: 3255

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.0	51.4	77.2



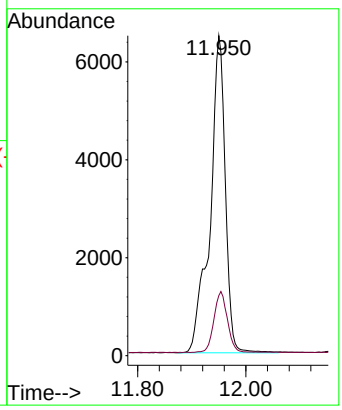


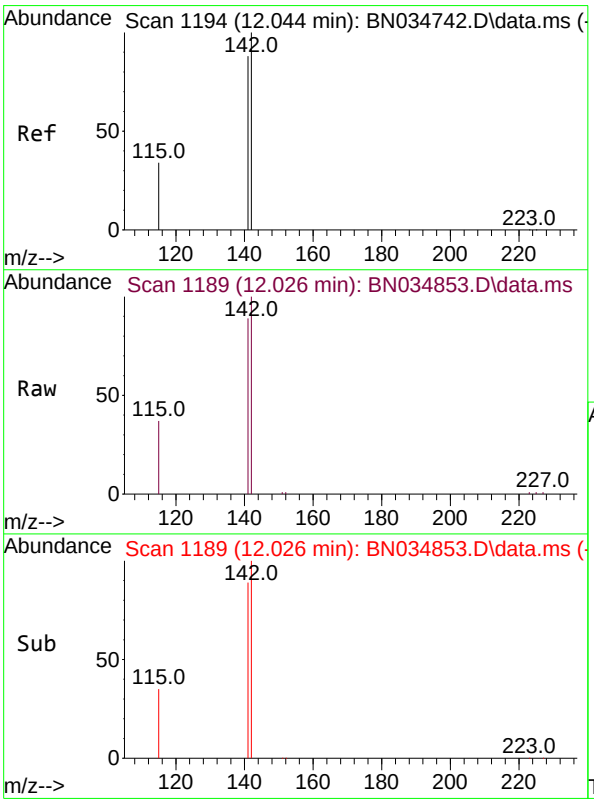
#11
2-Methylnaphthalene-d10
Concen: 0.432 ng
RT: 11.950 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN034853.D
Acq: 04 Nov 2024 23:21

Instrument :
BNA_N
ClientSampleId :
PB164511BSD

Tgt Ion:152 Resp: 12710

Ion	Ratio	Lower	Upper
152	100		
151	16.9	16.6	24.8

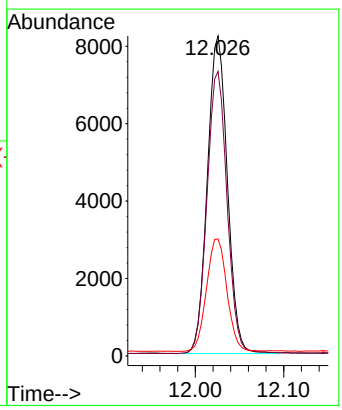


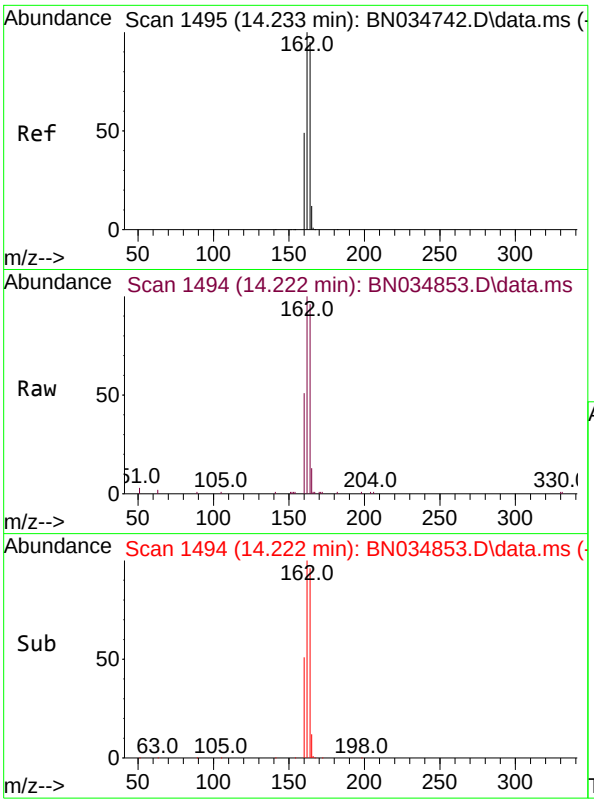


#12
2-Methylnaphthalene
Concen: 0.351 ng
RT: 12.026 min Scan# 1189
Delta R.T. -0.000 min
Lab File: BN034853.D
Acq: 04 Nov 2024 23:21

Tgt Ion:142 Resp: 12912

Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.6	106.0
115	36.5	28.6	42.8



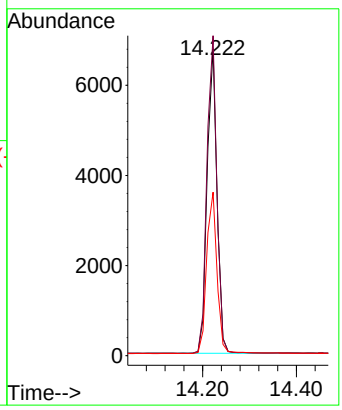


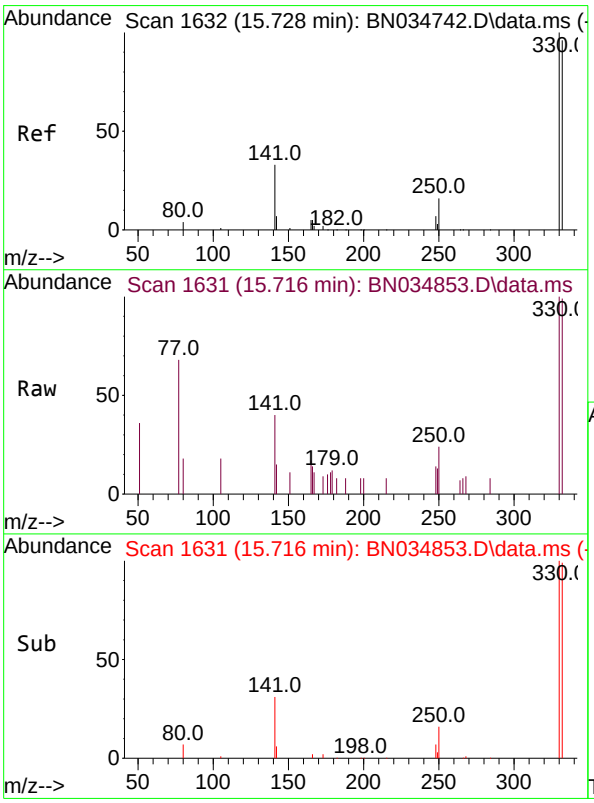
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.222 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN034853.D
Acq: 04 Nov 2024 23:21

Instrument :
BNA_N
ClientSampleId :
PB164511BSD

Tgt Ion:164 Resp: 9830

Ion	Ratio	Lower	Upper
164	100		
162	104.3	84.3	126.5
160	53.3	41.7	62.5

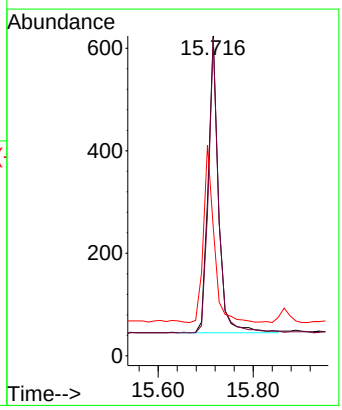


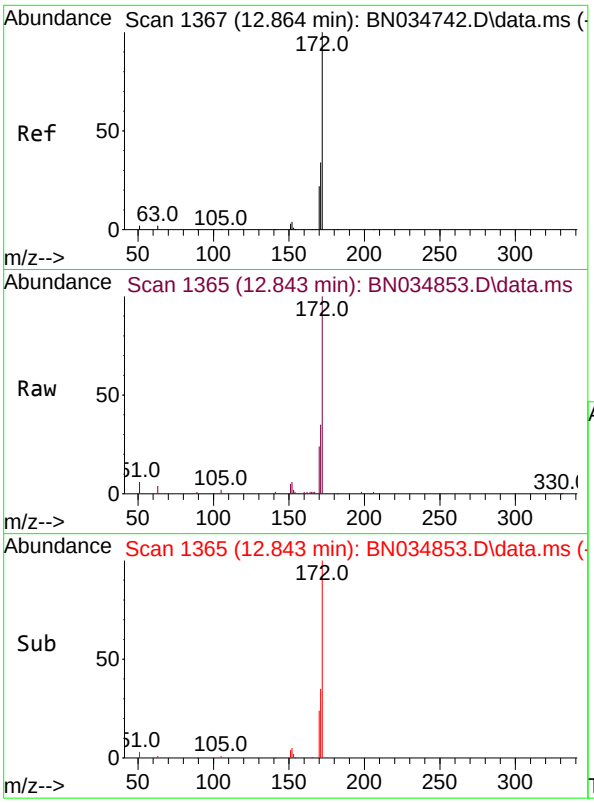


#14
2,4,6-Tribromophenol
Concen: 0.182 ng
RT: 15.716 min Scan# 1631
Delta R.T. -0.000 min
Lab File: BN034853.D
Acq: 04 Nov 2024 23:21

Tgt Ion:330 Resp: 885

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.8	116.6
141	60.3	41.0	61.4



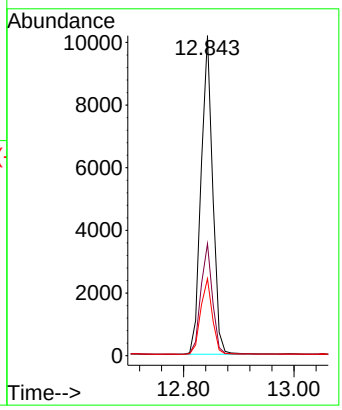


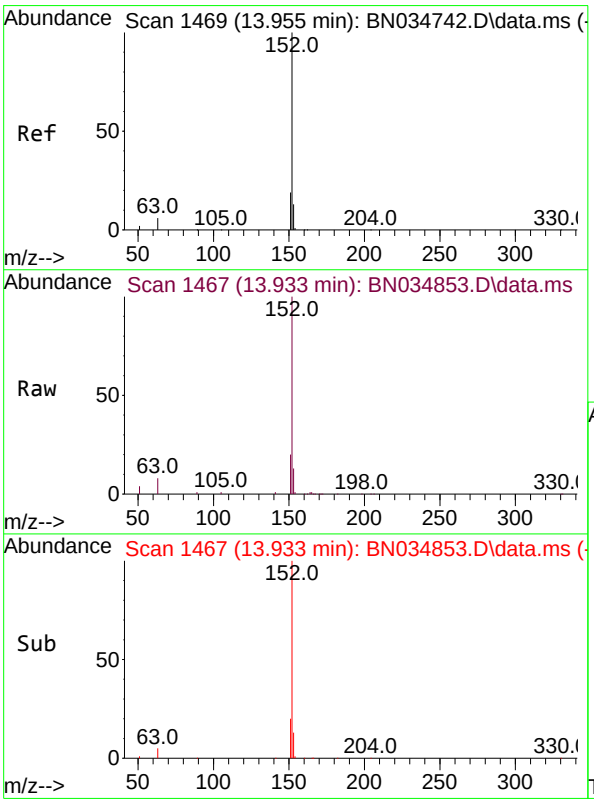
#15
2-Fluorobiphenyl
Concen: 0.386 ng
RT: 12.843 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN034853.D
Acq: 04 Nov 2024 23:21

Instrument :
BNA_N
ClientSampleId :
PB164511BSD

Tgt Ion:172 Resp: 14930

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.2	40.8
170	24.1	18.0	27.0

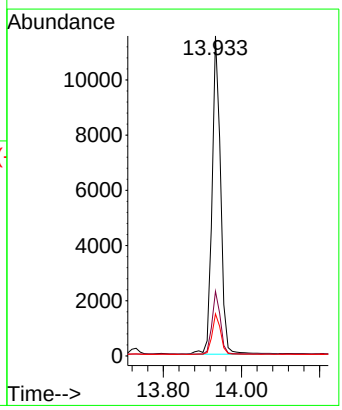


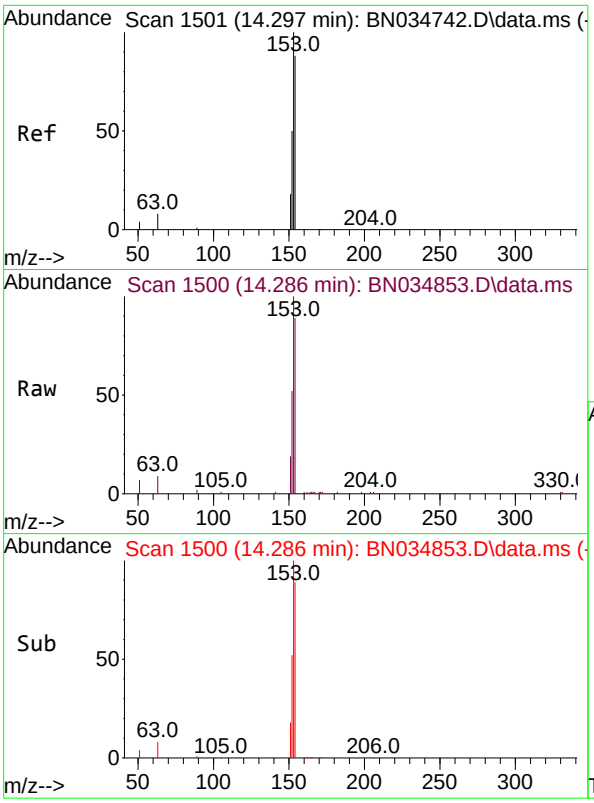


#16
Acenaphthylene
Concen: 0.354 ng
RT: 13.933 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BN034853.D
Acq: 04 Nov 2024 23:21

Tgt Ion:152 Resp: 17472

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.2
153	12.8	10.2	15.4



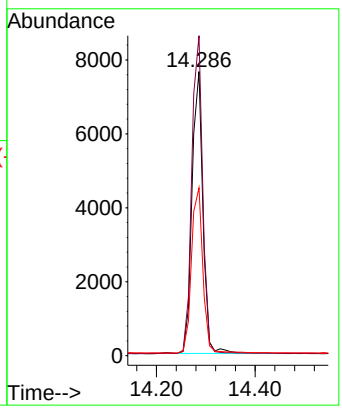


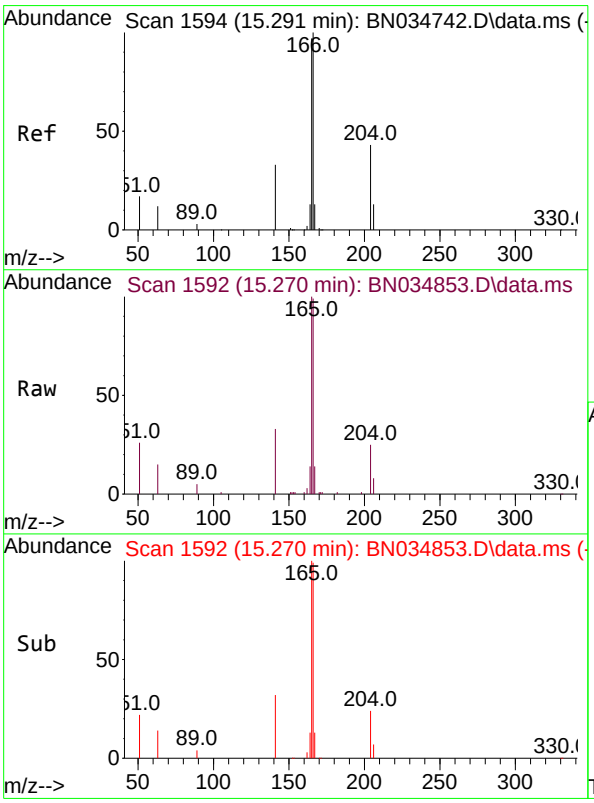
#17
Acenaphthene
Concen: 0.355 ng
RT: 14.286 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN034853.D
Acq: 04 Nov 2024 23:21

Instrument :
BNA_N
ClientSampleId :
PB164511BSD

Tgt Ion:154 Resp: 11658

Ion	Ratio	Lower	Upper
154	100		
153	113.5	87.8	131.6
152	61.4	44.6	67.0

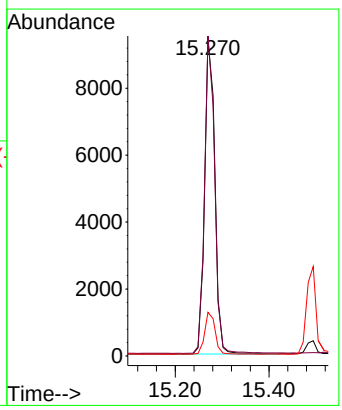


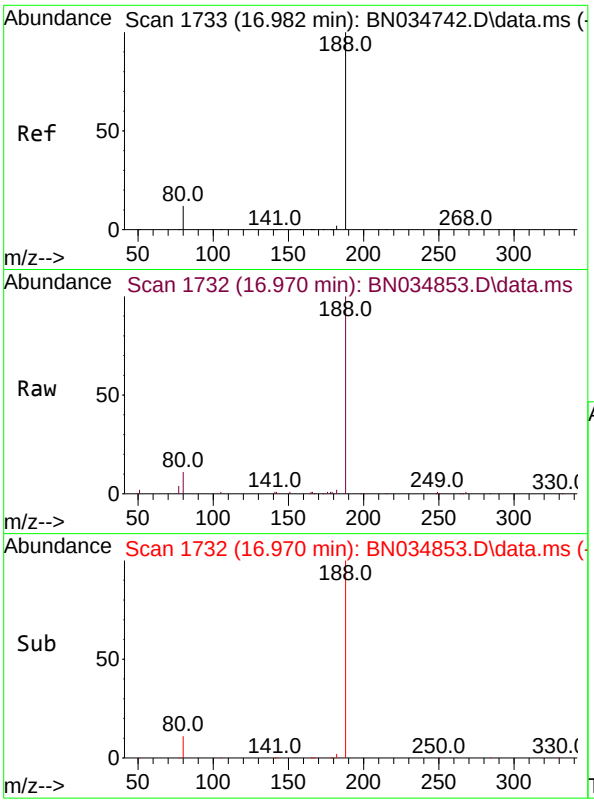


#18
Fluorene
Concen: 0.348 ng
RT: 15.270 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BN034853.D
Acq: 04 Nov 2024 23:21

Tgt Ion:166 Resp: 14247

Ion	Ratio	Lower	Upper
166	100		
165	99.3	78.5	117.7
167	13.5	10.8	16.2



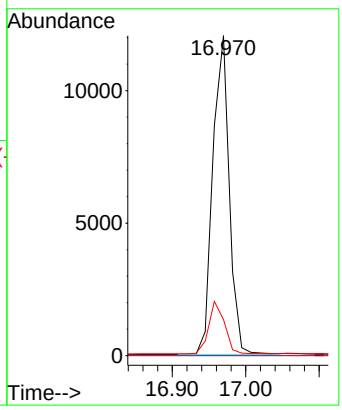


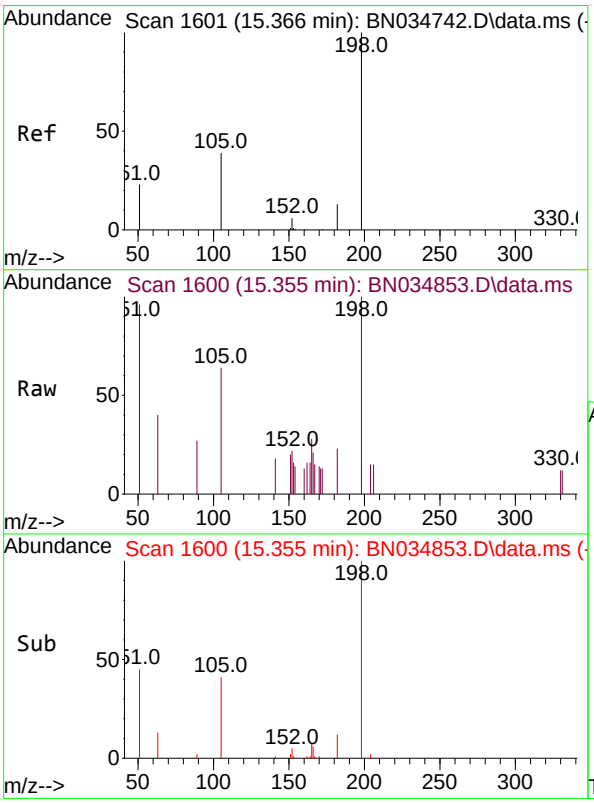
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.970 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN034853.D
Acq: 04 Nov 2024 23:21

Instrument :
BNA_N
ClientSampleId :
PB164511BSD

Tgt Ion:188 Resp: 18690

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.3	9.8	14.6

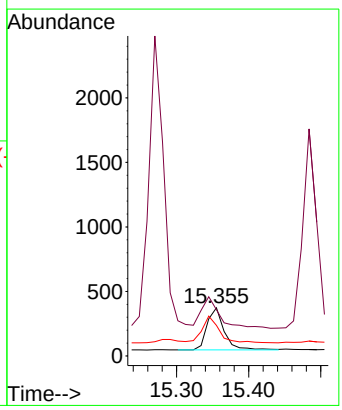


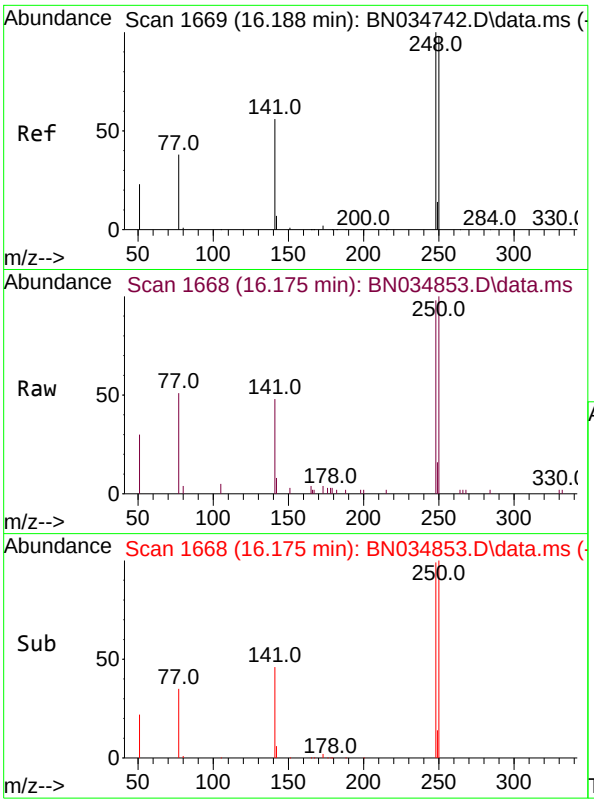


#20
4,6-Dinitro-2-methylphenol
Concen: 0.331 ng
RT: 15.355 min Scan# 1600
Delta R.T. -0.000 min
Lab File: BN034853.D
Acq: 04 Nov 2024 23:21

Tgt Ion:198 Resp: 541

Ion	Ratio	Lower	Upper
198	100		
51	96.2	58.0	87.0#
105	63.5	49.1	73.7



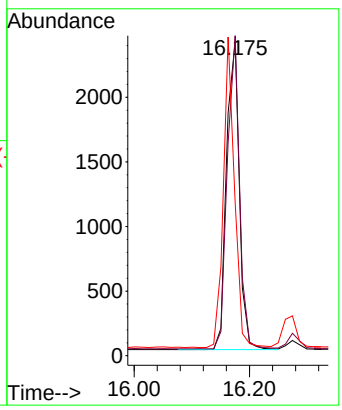


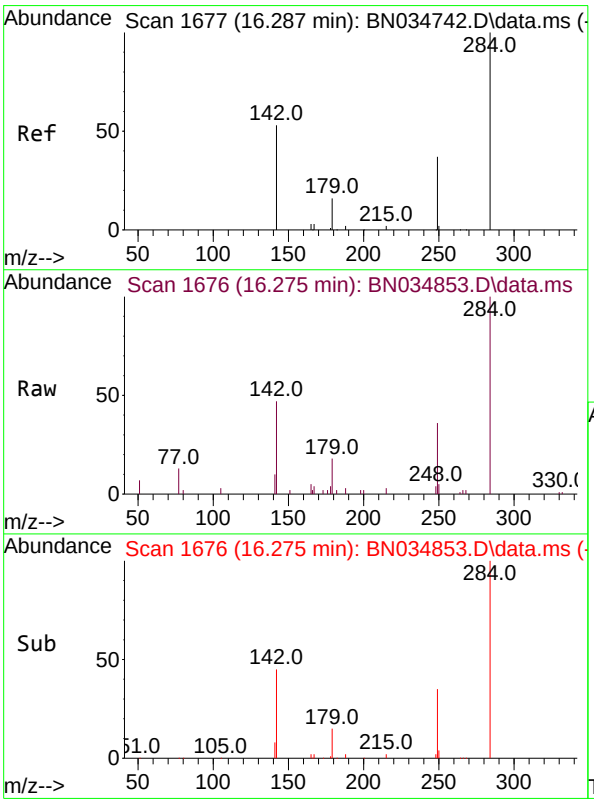
#21
4-Bromophenyl-phenylether
Concen: 0.342 ng
RT: 16.175 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN034853.D
Acq: 04 Nov 2024 23:21

Instrument :
BNA_N
ClientSampleId :
PB164511BSD

Tgt Ion:248 Resp: 3696

Ion	Ratio	Lower	Upper
248	100		
250	101.8	78.7	118.1
141	48.7	46.4	69.6

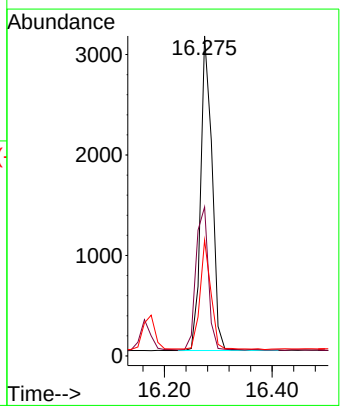


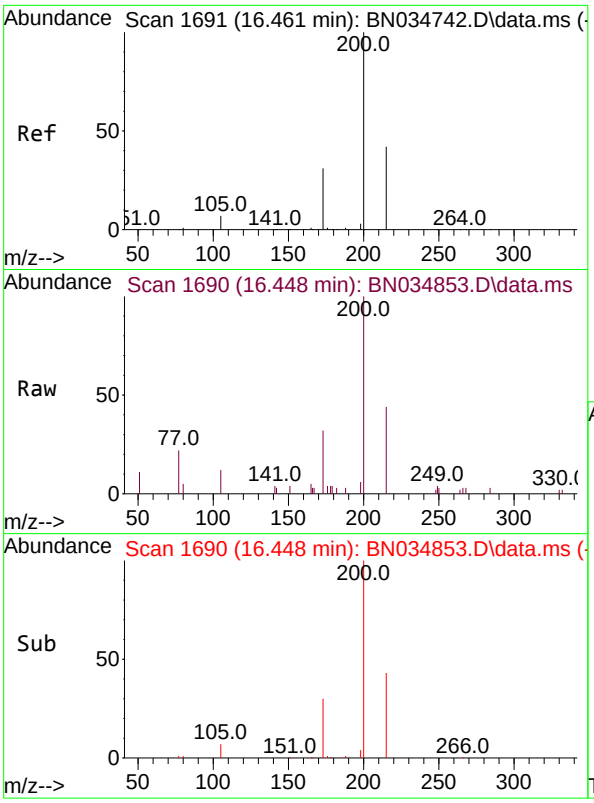


#22
Hexachlorobenzene
Concen: 0.381 ng
RT: 16.275 min Scan# 1676
Delta R.T. -0.000 min
Lab File: BN034853.D
Acq: 04 Nov 2024 23:21

Tgt Ion:284 Resp: 4609

Ion	Ratio	Lower	Upper
284	100		
142	49.6	35.4	53.0
249	33.6	25.7	38.5



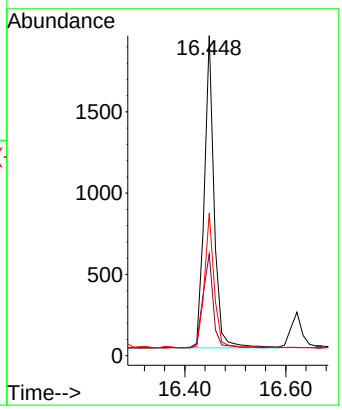


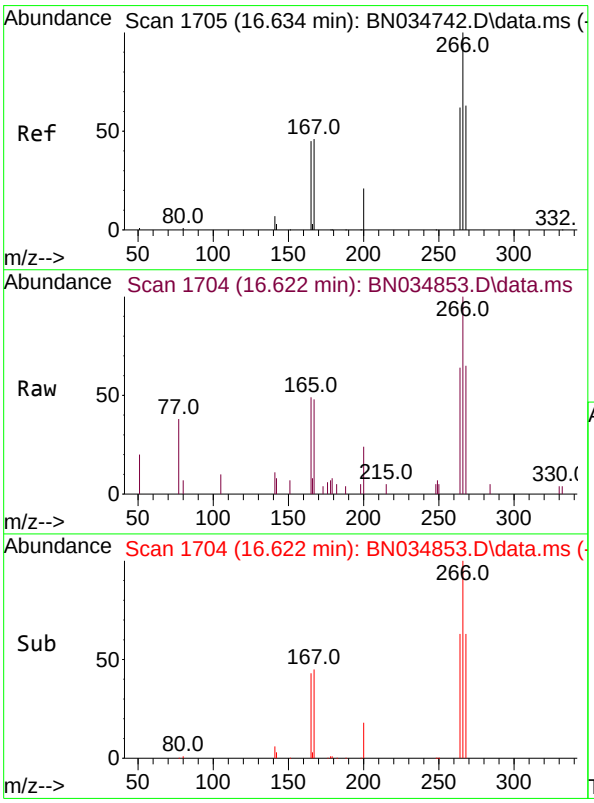
#23
Atrazine
Concen: 0.279 ng
RT: 16.448 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN034853.D
Acq: 04 Nov 2024 23:21

Instrument :
BNA_N
ClientSampleId :
PB164511BSD

Tgt Ion:200 Resp: 2599

Ion	Ratio	Lower	Upper
200	100		
173	31.8	25.8	38.6
215	44.5	34.2	51.4

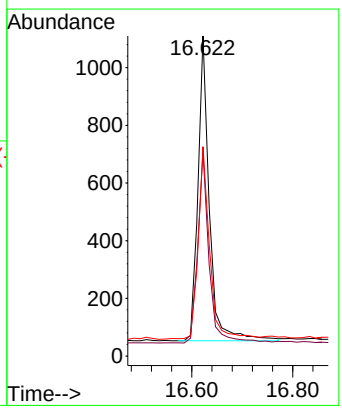


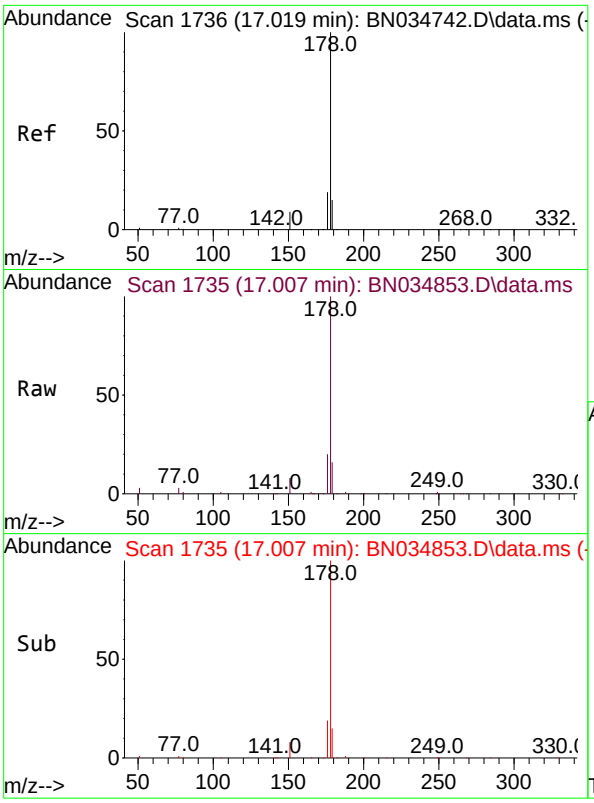


#24
Pentachlorophenol
Concen: 0.319 ng
RT: 16.622 min Scan# 1704
Delta R.T. -0.000 min
Lab File: BN034853.D
Acq: 04 Nov 2024 23:21

Tgt Ion:266 Resp: 1665

Ion	Ratio	Lower	Upper
266	100		
264	62.6	48.7	73.1
268	64.1	50.2	75.4



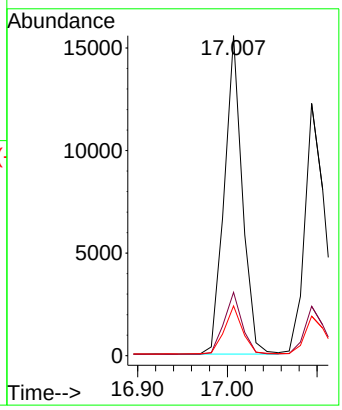


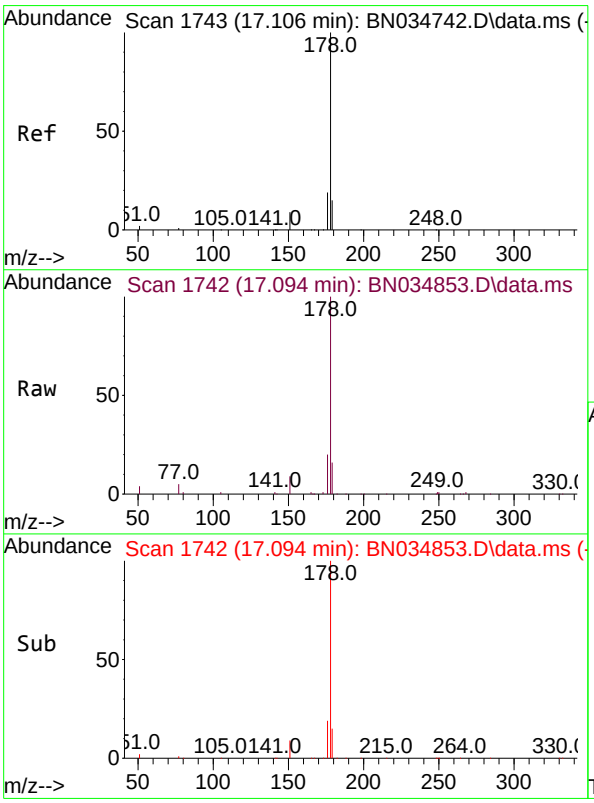
#25
Phenanthrene
Concen: 0.394 ng
RT: 17.007 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN034853.D
Acq: 04 Nov 2024 23:21

Instrument :
BNA_N
ClientSampleId :
PB164511BSD

Tgt Ion:178 Resp: 21632

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.0
179	15.4	12.2	18.4

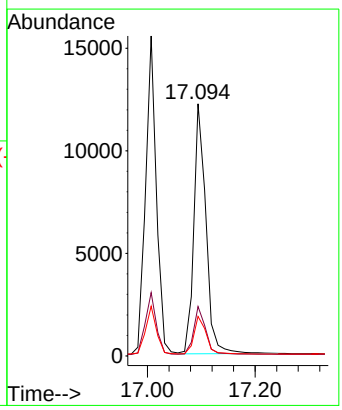


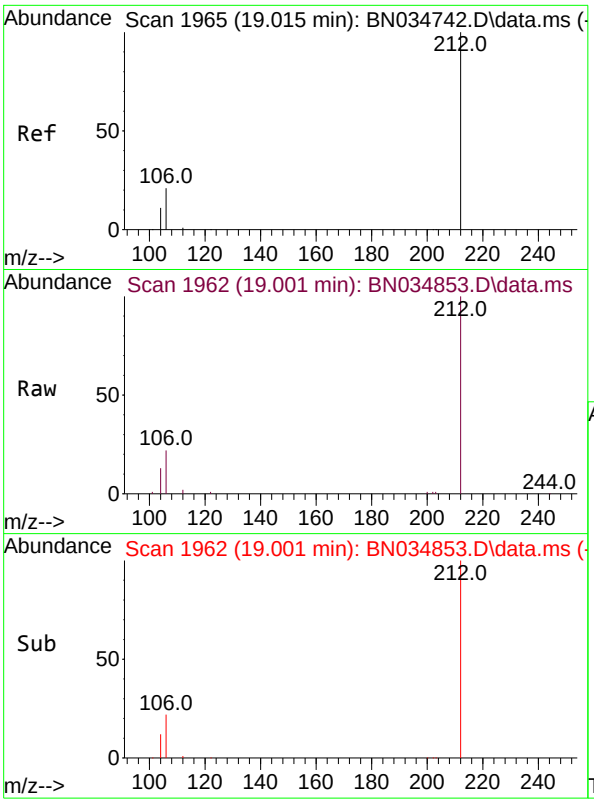


#26
Anthracene
Concen: 0.371 ng
RT: 17.094 min Scan# 1742
Delta R.T. -0.000 min
Lab File: BN034853.D
Acq: 04 Nov 2024 23:21

Tgt Ion:178 Resp: 19075

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	15.3	12.2	18.2



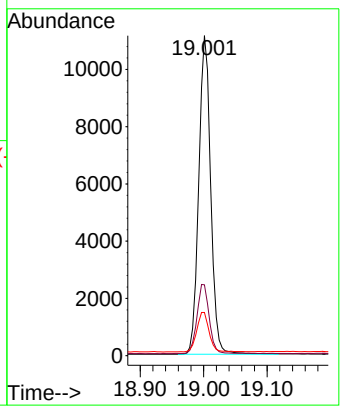


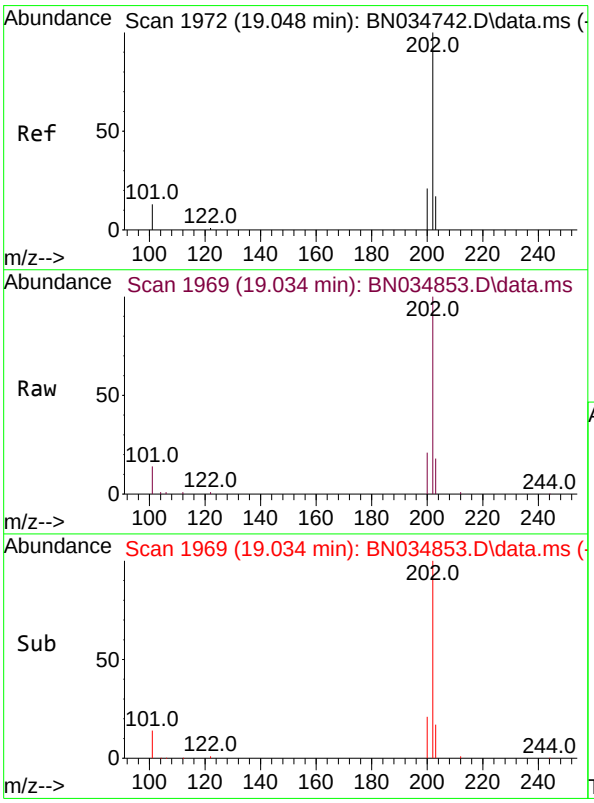
#27
Fluoranthene-d10
Concen: 0.331 ng
RT: 19.001 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN034853.D
Acq: 04 Nov 2024 23:21

Instrument :
BNA_N
ClientSampleId :
PB164511BSD

Tgt Ion:212 Resp: 14499

Ion	Ratio	Lower	Upper
212	100		
106	22.2	16.1	24.1
104	12.9	9.2	13.8

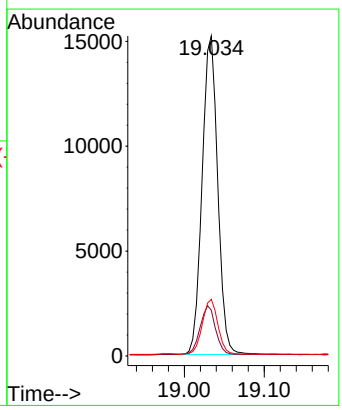


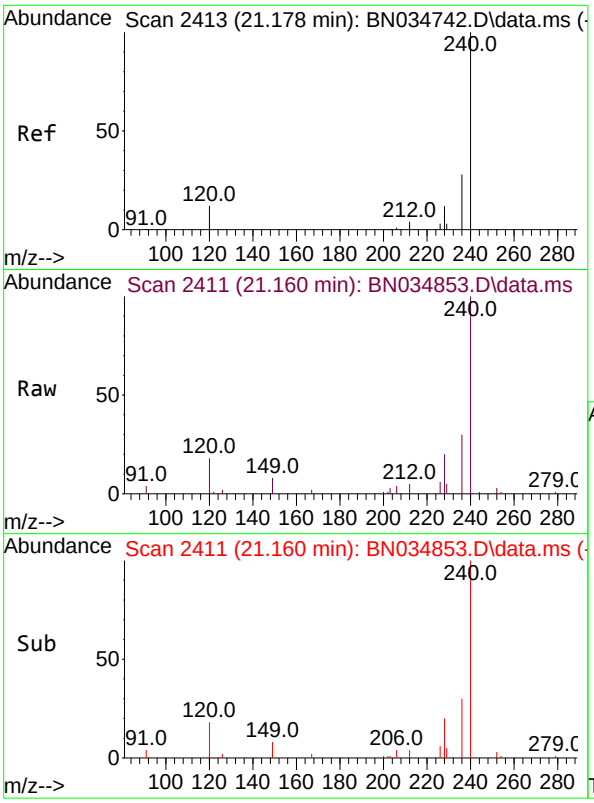


#28
Fluoranthene
Concen: 0.339 ng
RT: 19.034 min Scan# 1969
Delta R.T. -0.000 min
Lab File: BN034853.D
Acq: 04 Nov 2024 23:21

Tgt Ion:202 Resp: 20559

Ion	Ratio	Lower	Upper
202	100		
101	15.5	11.4	17.0
203	17.1	13.7	20.5



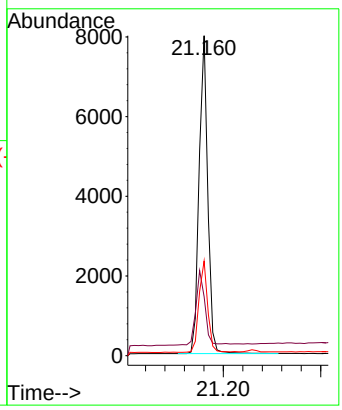


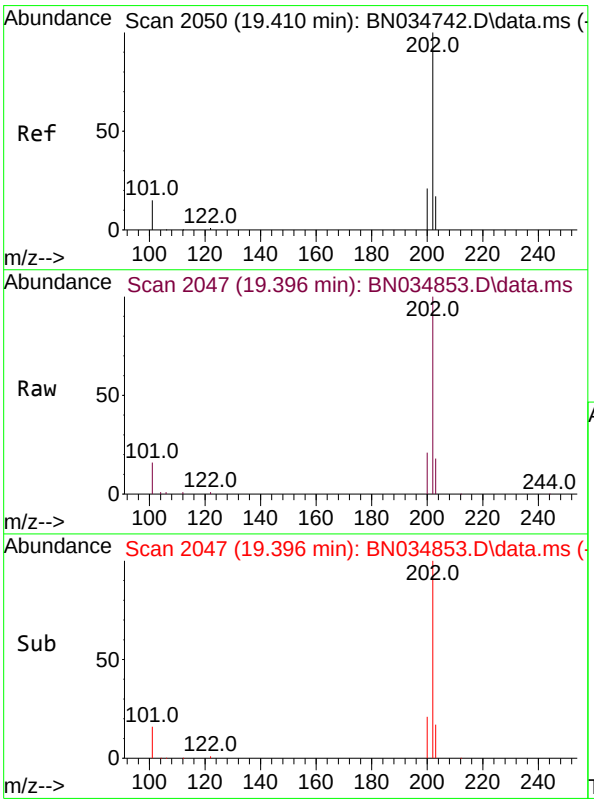
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.160 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN034853.D
Acq: 04 Nov 2024 23:21

Instrument :
BNA_N
ClientSampleId :
PB164511BSD

Tgt Ion:240 Resp: 9814

Ion	Ratio	Lower	Upper
240	100		
120	18.5	11.5	17.3#
236	29.6	23.2	34.8

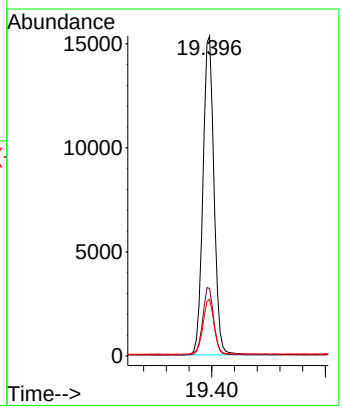


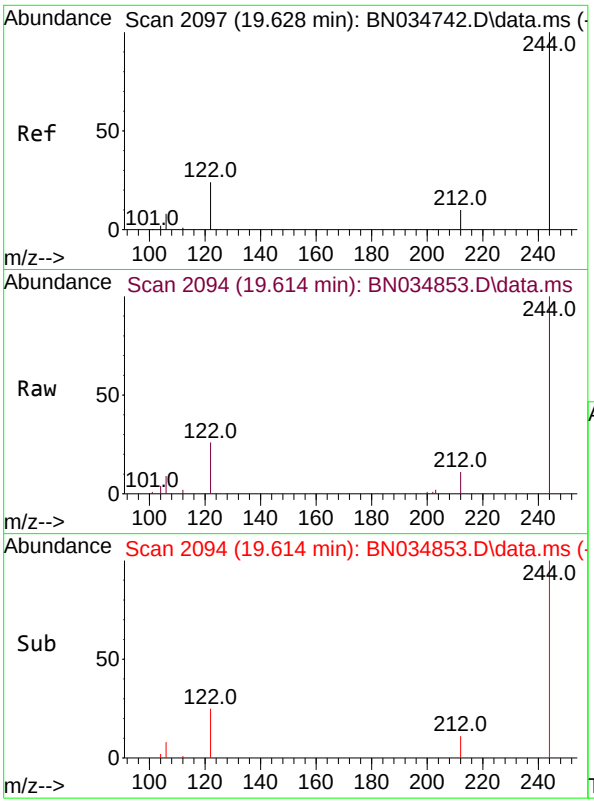


#30
Pyrene
Concen: 0.403 ng
RT: 19.396 min Scan# 2047
Delta R.T. -0.000 min
Lab File: BN034853.D
Acq: 04 Nov 2024 23:21

Tgt Ion:202 Resp: 20656

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.4
203	17.5	14.2	21.2



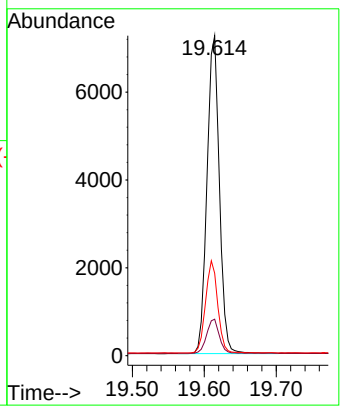


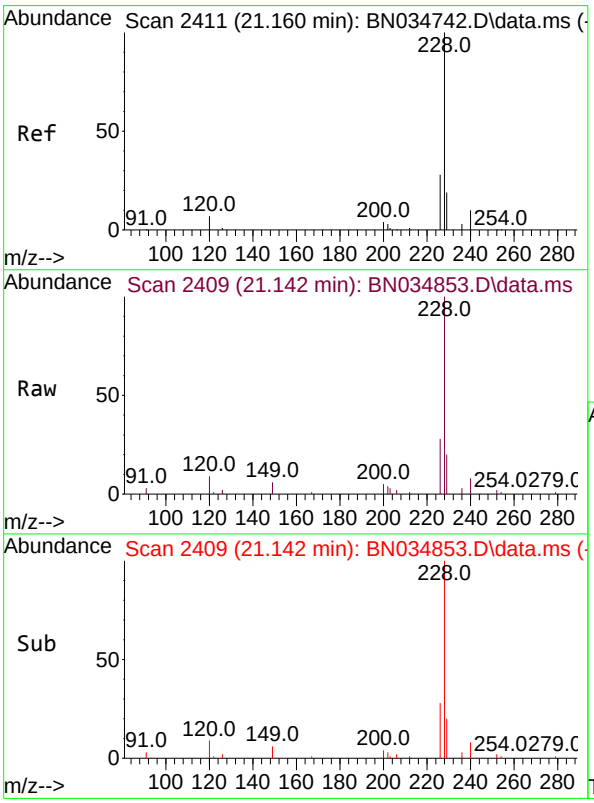
#31
Terphenyl-d14
Concen: 0.408 ng
RT: 19.614 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN034853.D
Acq: 04 Nov 2024 23:21

Instrument :
BNA_N
ClientSampleId :
PB164511BSD

Tgt Ion:244 Resp: 8606

Ion	Ratio	Lower	Upper
244	100		
212	11.4	8.2	12.4
122	25.7	19.8	29.6

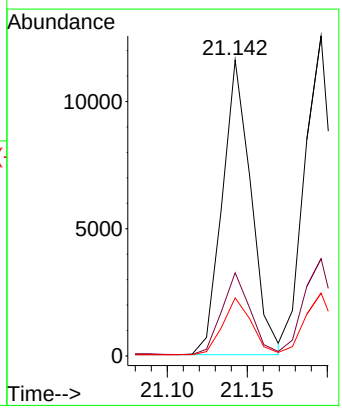


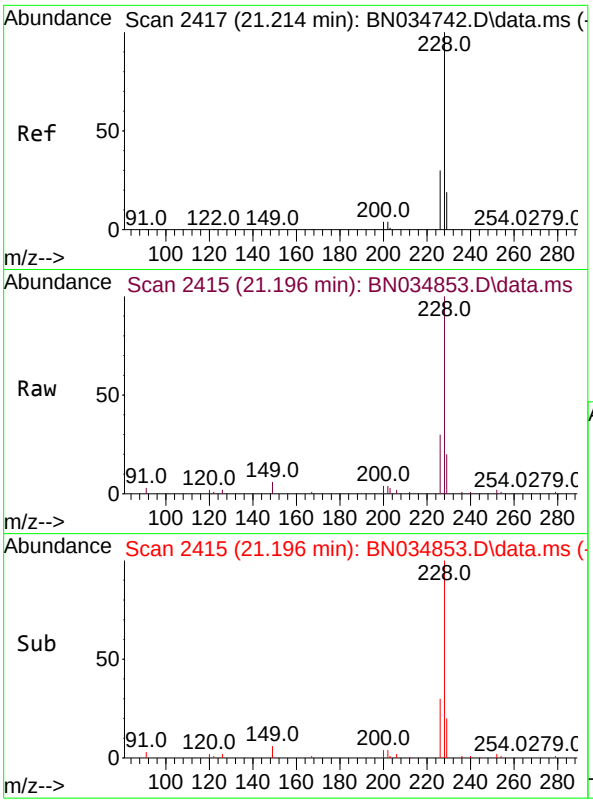


#32
Benzo(a)anthracene
Concen: 0.371 ng
RT: 21.142 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BN034853.D
Acq: 04 Nov 2024 23:21

Tgt Ion:228 Resp: 14497

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	19.6	15.7	23.5



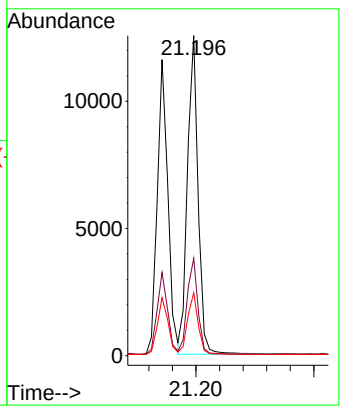


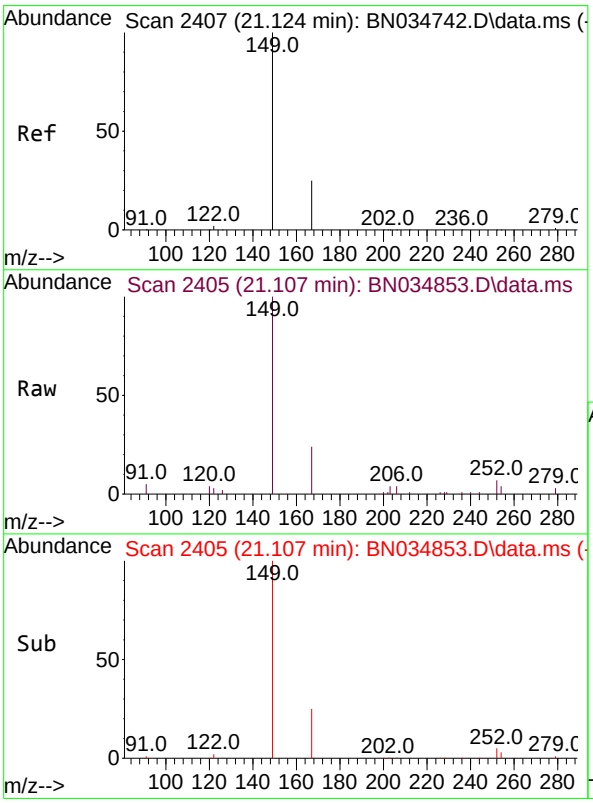
#33
Chrysene
Concen: 0.411 ng
RT: 21.196 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN034853.D
Acq: 04 Nov 2024 23:21

Instrument :
BNA_N
ClientSampleId :
PB164511BSD

Tgt Ion:228 Resp: 15707

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.4	36.6
229	19.7	15.6	23.4

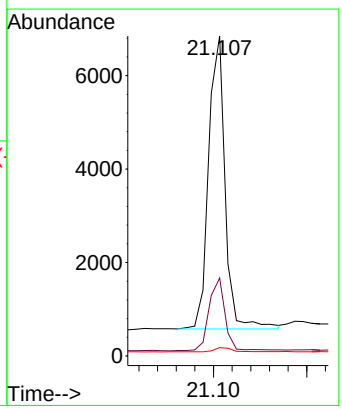


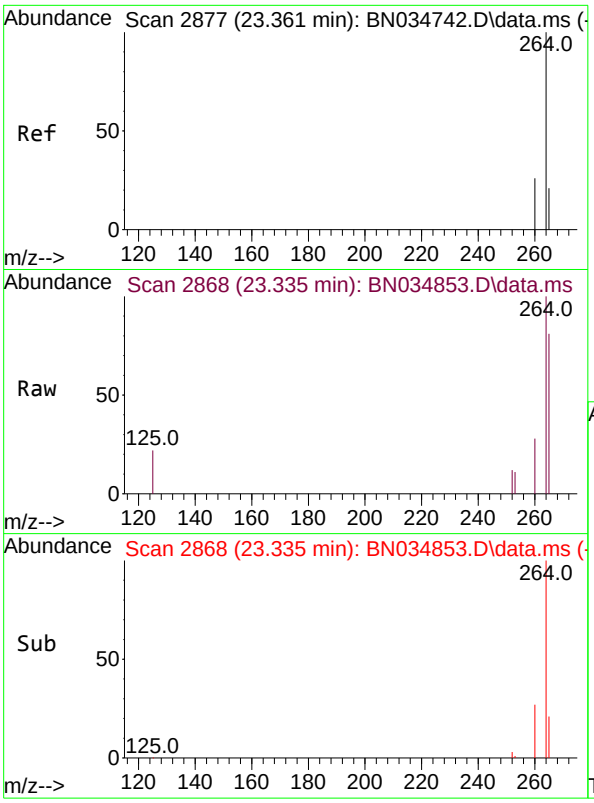


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.236 ng
RT: 21.107 min Scan# 2405
Delta R.T. -0.000 min
Lab File: BN034853.D
Acq: 04 Nov 2024 23:21

Tgt Ion:149 Resp: 7725

Ion	Ratio	Lower	Upper
149	100		
167	24.2	20.6	30.8
279	1.6	1.5	2.3



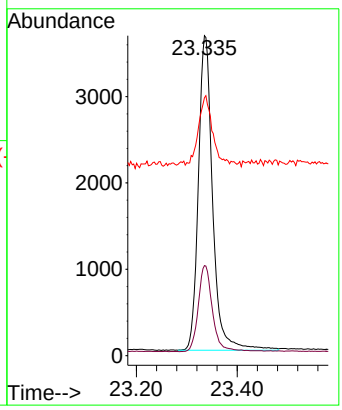


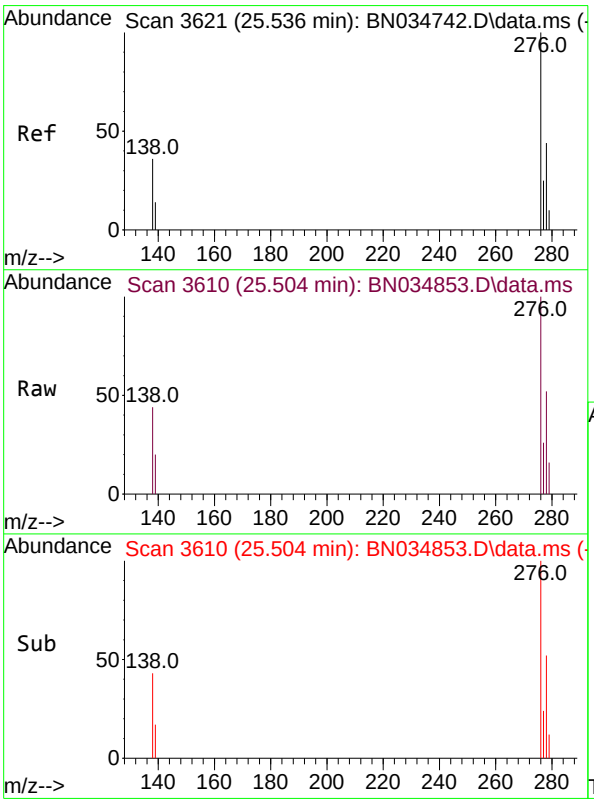
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.335 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN034853.D
Acq: 04 Nov 2024 23:21

Instrument :
BNA_N
ClientSampleId :
PB164511BSD

Tgt Ion:264 Resp: 7135

Ion	Ratio	Lower	Upper
264	100		
260	28.2	21.5	32.3
265	80.6	47.5	71.3#

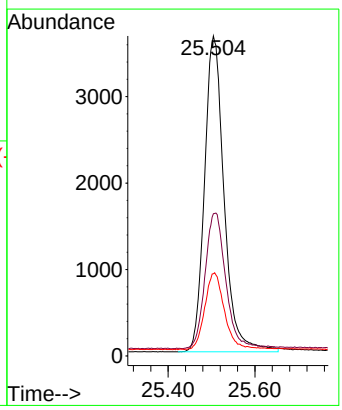


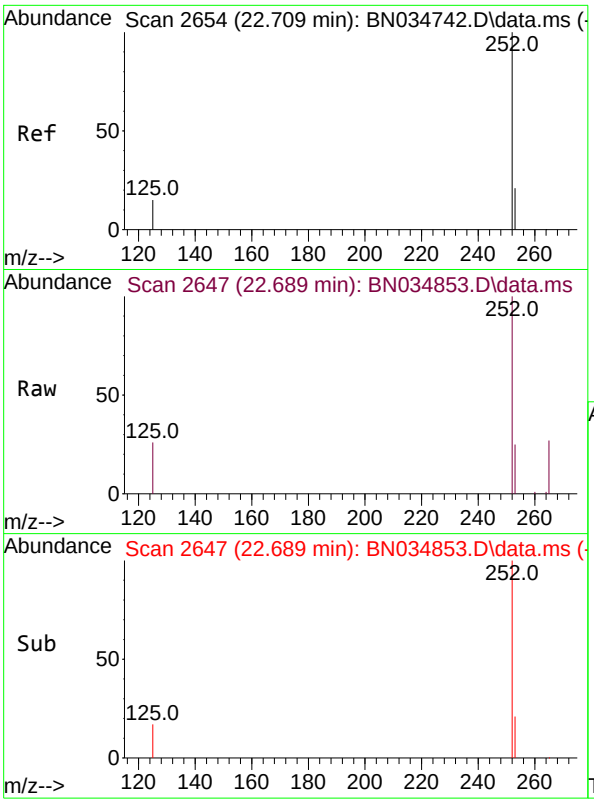


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.436 ng
RT: 25.504 min Scan# 3610
Delta R.T. -0.000 min
Lab File: BN034853.D
Acq: 04 Nov 2024 23:21

Tgt Ion:276 Resp: 11454

Ion	Ratio	Lower	Upper
276	100		
138	45.1	31.5	47.3
277	23.9	19.7	29.5



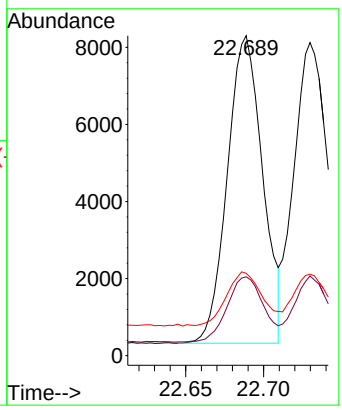


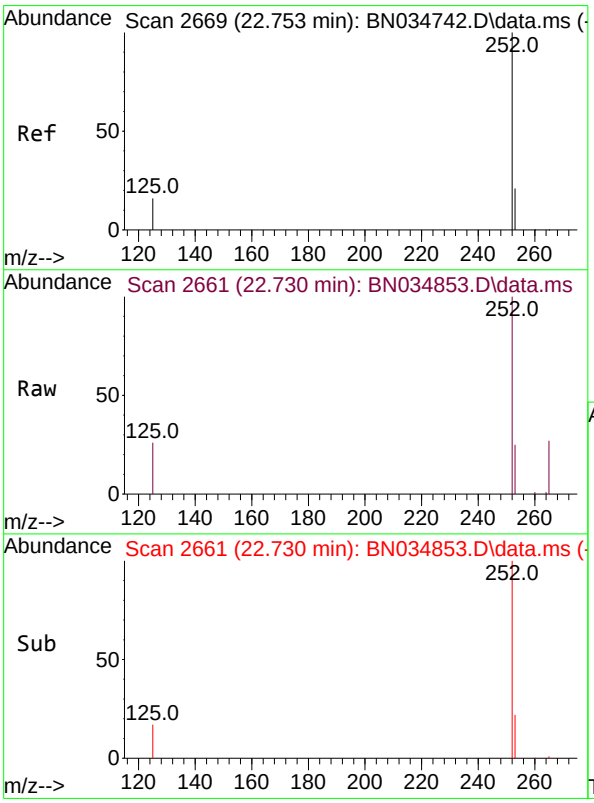
#37
Benzo(b)fluoranthene
Concen: 0.437 ng
RT: 22.689 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN034853.D
Acq: 04 Nov 2024 23:21

Instrument :
BNA_N
ClientSampleId :
PB164511BSD

Tgt Ion:252 Resp: 12554

Ion	Ratio	Lower	Upper
252	100		
253	24.6	19.7	29.5
125	25.8	17.1	25.7#

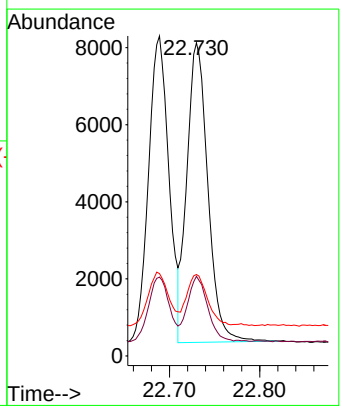


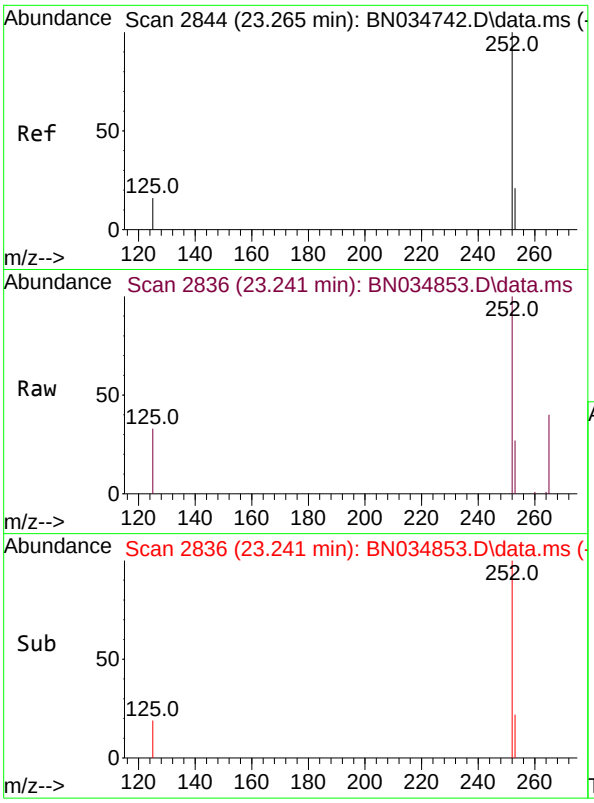


#38
Benzo(k)fluoranthene
Concen: 0.448 ng
RT: 22.730 min Scan# 2661
Delta R.T. -0.000 min
Lab File: BN034853.D
Acq: 04 Nov 2024 23:21

Tgt Ion:252 Resp: 12552

Ion	Ratio	Lower	Upper
252	100		
253	25.4	19.8	29.6
125	26.0	18.2	27.2



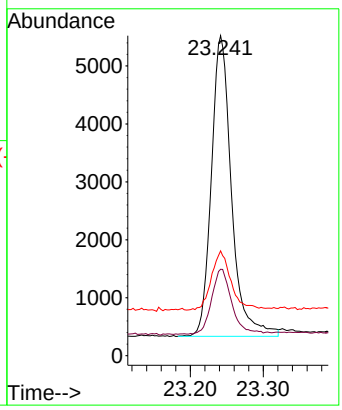


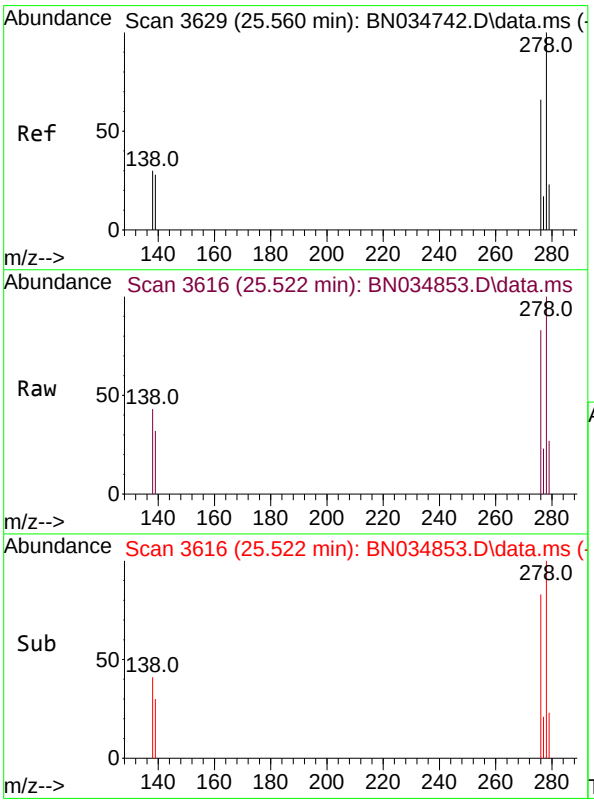
#39
Benzo(a)pyrene
Concen: 0.421 ng
RT: 23.241 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN034853.D
Acq: 04 Nov 2024 23:21

Instrument :
BNA_N
ClientSampleId :
PB164511BSD

Tgt Ion:252 Resp: 9977

Ion	Ratio	Lower	Upper
252	100		
253	27.0	20.7	31.1
125	32.7	20.3	30.5#

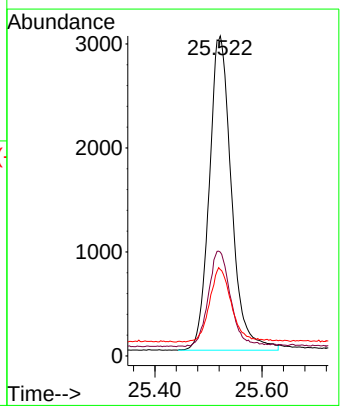


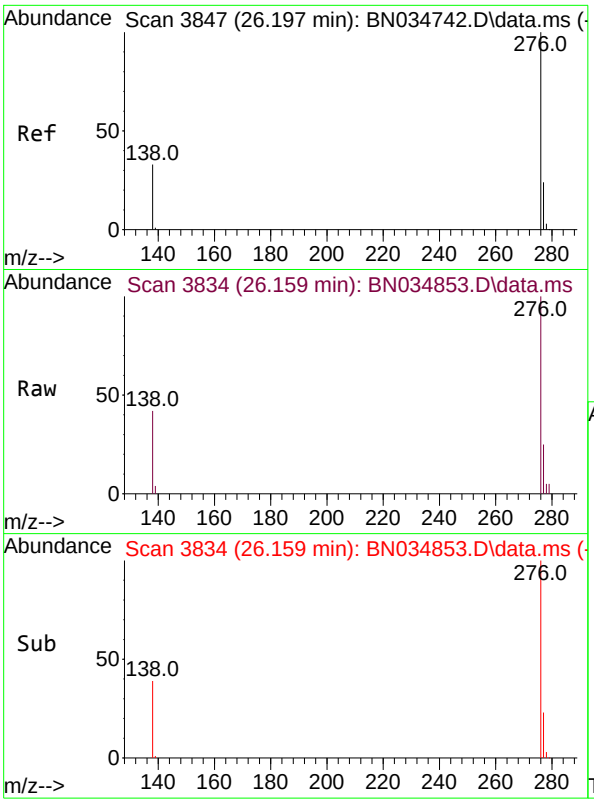


#40
Dibenzo(a,h)anthracene
Concen: 0.425 ng
RT: 25.522 min Scan# 3616
Delta R.T. -0.003 min
Lab File: BN034853.D
Acq: 04 Nov 2024 23:21

Tgt Ion:278 Resp: 8691

Ion	Ratio	Lower	Upper
278	100		
139	32.4	24.9	37.3
279	27.0	21.0	31.4





#41
Benzo(g,h,i)perylene
Concen: 0.423 ng
RT: 26.159 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN034853.D
Acq: 04 Nov 2024 23:21

Instrument :
BNA_N
ClientSampleId :
PB164511BSD

Tgt Ion:276 Resp: 9347

Ion	Ratio	Lower	Upper
276	100		
277	24.9	20.2	30.2
138	41.6	28.7	43.1