Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110424\
Data File : BN034850.D
Acq On : 04 Nov 2024 21:33
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Nov 05 00:11:13 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	7674	0.400	ng	0.00
7) Naphthalene-d8	10.351	136	23850	0.400	ng	# 0.00
13) Acenaphthene-d10	14.222	164	12009	0.400	ng	0.00
19) Phenanthrene-d10	16.970	188	23508	0.400	ng	0.00
29) Chrysene-d12	21.160	240	14579	0.400	ng	# 0.00
35) Perylene-d12	23.335	264	11281	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.213	112	10132	0.436	ng	0.00
5) Phenol-d6	6.766	99	14098	0.467	ng	0.00
8) Nitrobenzene-d5	8.728	82	6385	0.341	ng	0.00
11) 2-Methylnaphthalene-d10	11.950	152	11814	0.342	ng	0.00
14) 2,4,6-Tribromophenol	15.716	330	1886	0.318	ng	0.00
15) 2-Fluorobiphenyl	12.843	172	16764	0.354	ng	0.00
27) Fluoranthene-d10	19.001	212	19478	0.353	ng	0.00
31) Terphenyl-d14	19.615	244	10056	0.321	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.198	88	3144	0.374	ng	92
3) n-Nitrosodimethylamine	3.494	42	4129	0.435	ng	# 85
6) bis(2-Chloroethyl)ether	7.026	93	8704	0.395	ng	97
9) Naphthalene	10.404	128	23856	0.362	ng	99
10) Hexachlorobutadiene	10.703	225	3900	0.359	ng	# 99
12) 2-Methylnaphthalene	12.026	142	14586	0.338	ng	99
16) Acenaphthylene	13.934	152	18997	0.315	ng	100
17) Acenaphthene	14.286	154	13333	0.332	ng	95
18) Fluorene	15.270	166	16800	0.336	ng	99
20) 4,6-Dinitro-2-methylph...	15.355	198	752	0.347	ng	88
21) 4-Bromophenyl-phenylether	16.175	248	4638	0.341	ng	92
22) Hexachlorobenzene	16.275	284	5661	0.372	ng	94
23) Atrazine	16.448	200	5580	0.477	ng	97
24) Pentachlorophenol	16.622	266	2026	0.309	ng	98
25) Phenanthrene	17.007	178	26321	0.381	ng	100
26) Anthracene	17.094	178	22246	0.344	ng	99
28) Fluoranthene	19.034	202	27481	0.361	ng	99
30) Pyrene	19.396	202	28018	0.368	ng	100
32) Benzo(a)anthracene	21.143	228	20082	0.346	ng	100
33) Chrysene	21.196	228	21768	0.383	ng	99
34) Bis(2-ethylhexyl)phtha...	21.107	149	13933	0.287	ng	96
36) Indeno(1,2,3-cd)pyrene	25.504	276	15750	0.380	ng	94
37) Benzo(b)fluoranthene	22.689	252	17915	0.394	ng	97
38) Benzo(k)fluoranthene	22.730	252	18784	0.424	ng	97
39) Benzo(a)pyrene	23.241	252	13171	0.351	ng	96
40) Dibenzo(a,h)anthracene	25.525	278	12198	0.377	ng	99
41) Benzo(g,h,i)perylene	26.165	276	12966	0.371	ng	96

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

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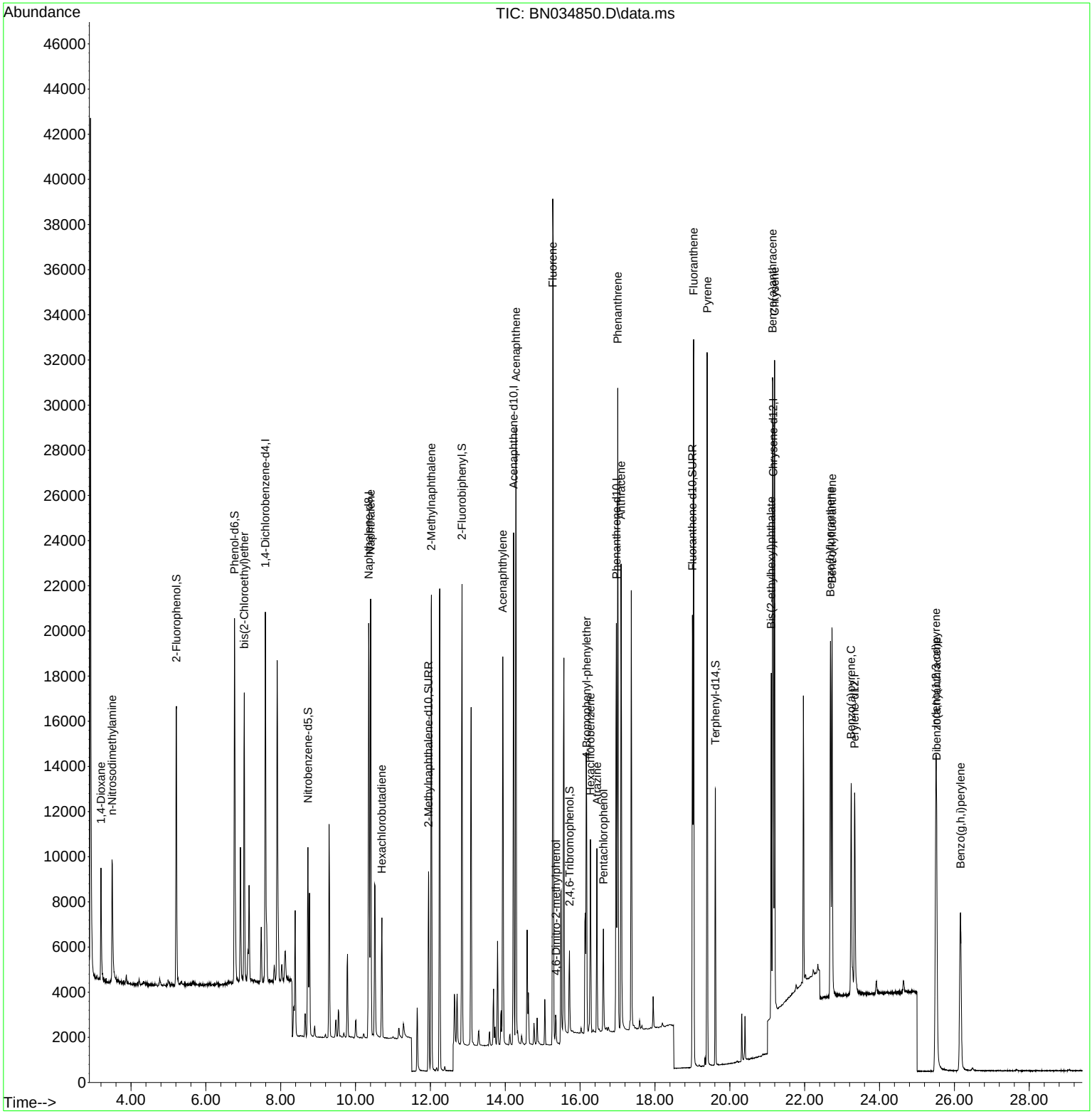
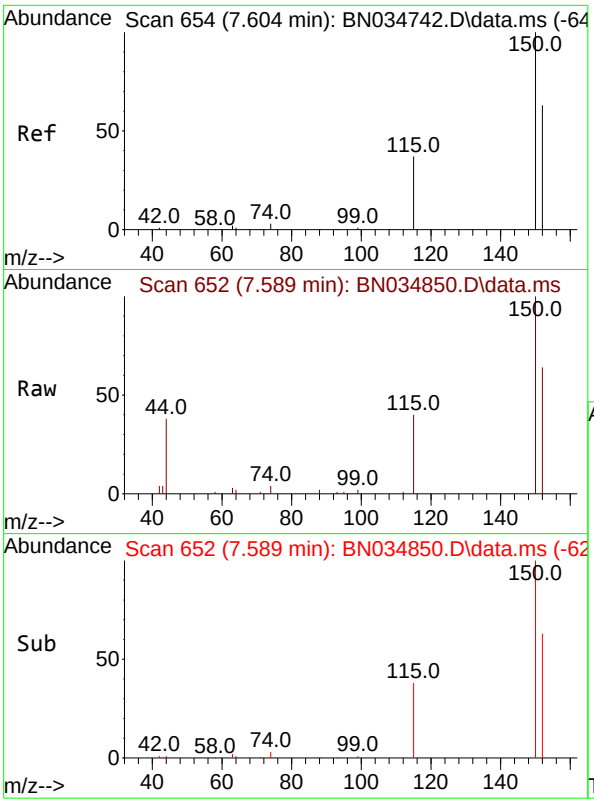
Quant Time: Nov 05 00:11:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN103024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 05 00:03:28 2024
Response via : Initial Calibration



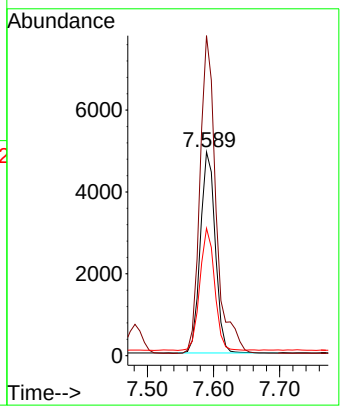


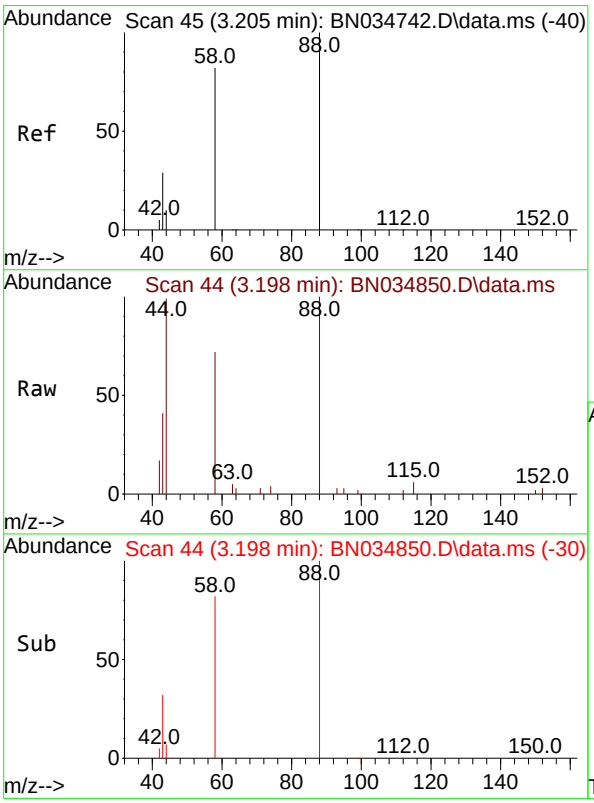
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.589 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN034850.D
Acq: 04 Nov 2024 21:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 7674

Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.9	187.3
115	62.5	50.2	75.2

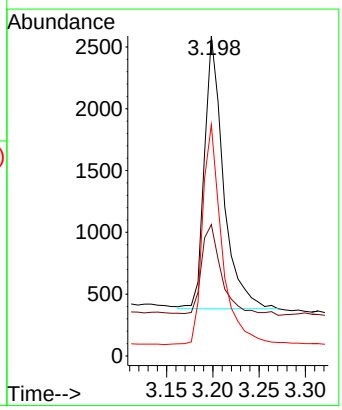


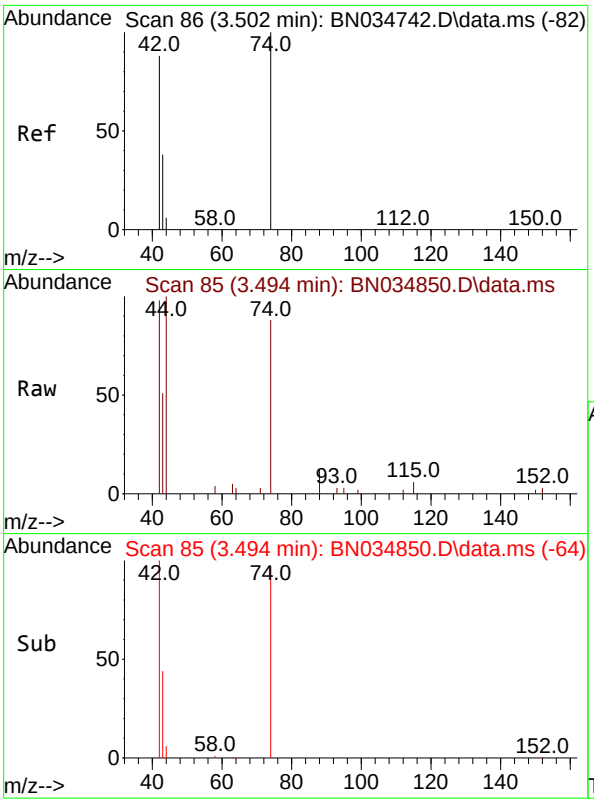


#2
1,4-Dioxane
Concen: 0.374 ng
RT: 3.198 min Scan# 44
Delta R.T. 0.000 min
Lab File: BN034850.D
Acq: 04 Nov 2024 21:33

Tgt Ion: 88 Resp: 3144

Ion	Ratio	Lower	Upper
88	100		
43	35.8	26.7	40.1
58	82.6	59.3	88.9



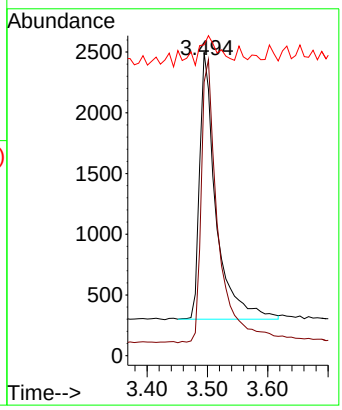


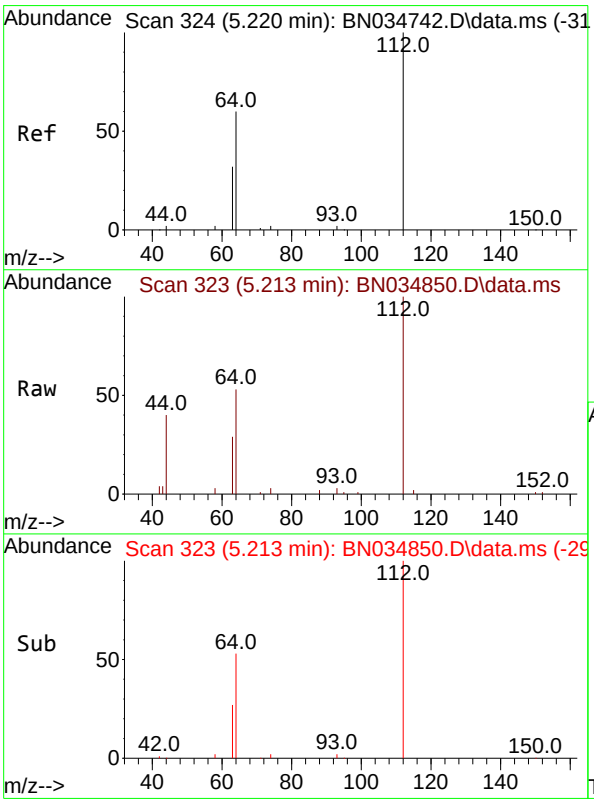
#3
n-Nitrosodimethylamine
Concen: 0.435 ng
RT: 3.494 min Scan# 8
Delta R.T. 0.000 min
Lab File: BN034850.D
Acq: 04 Nov 2024 21:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 4129

Ion	Ratio	Lower	Upper
42	100		
74	110.6	103.1	154.7
44	11.0	6.7	10.1#

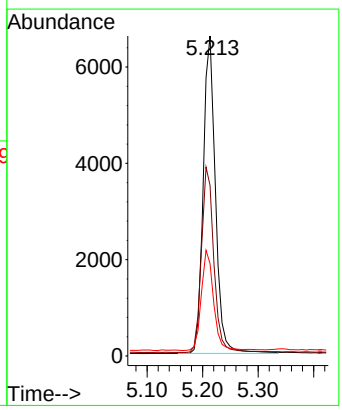


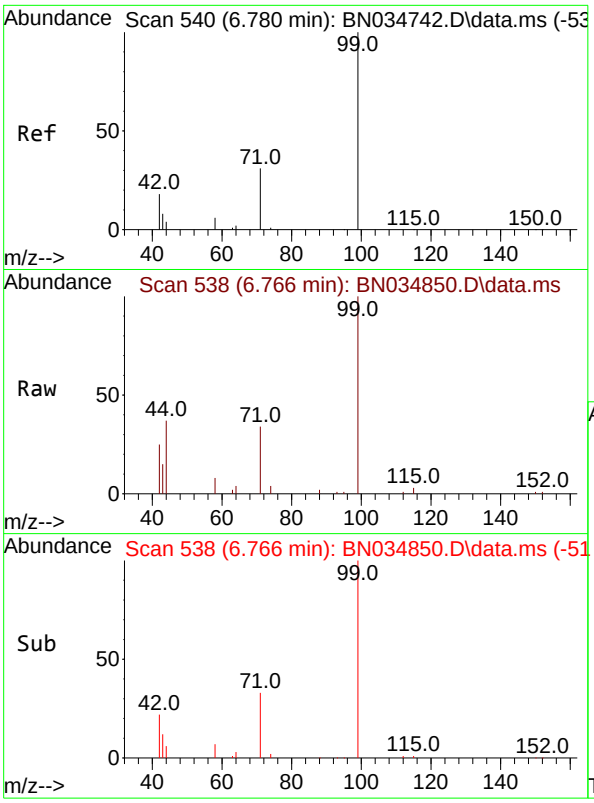


#4
2-Fluorophenol
Concen: 0.436 ng
RT: 5.213 min Scan# 323
Delta R.T. 0.000 min
Lab File: BN034850.D
Acq: 04 Nov 2024 21:33

Tgt Ion:112 Resp: 10132

Ion	Ratio	Lower	Upper
112	100		
64	59.5	44.9	67.3
63	31.8	23.5	35.3



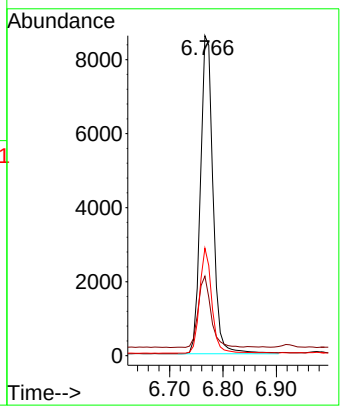


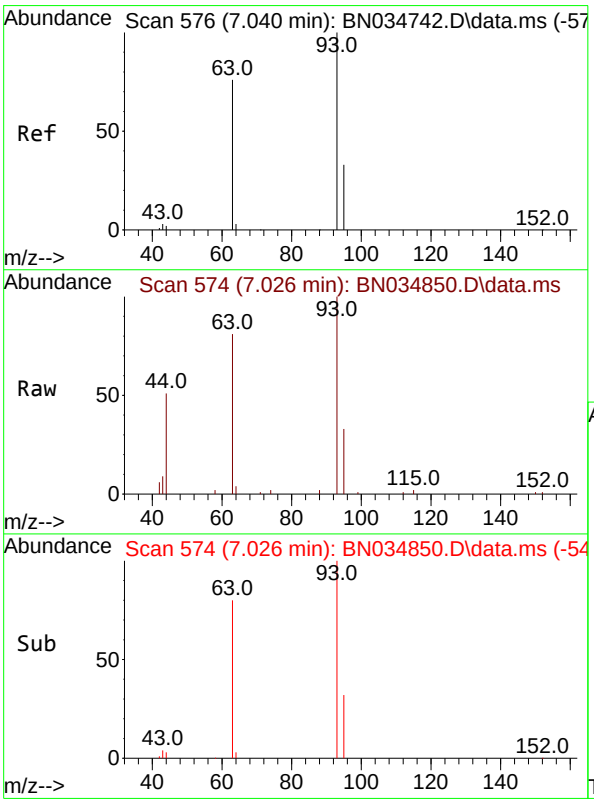
#5
Phenol-d6
Concen: 0.467 ng
RT: 6.766 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN034850.D
Acq: 04 Nov 2024 21:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 14098

Ion	Ratio	Lower	Upper
99	100		
42	22.8	15.9	23.9
71	32.1	24.3	36.5

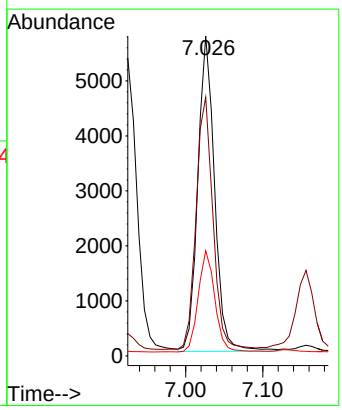


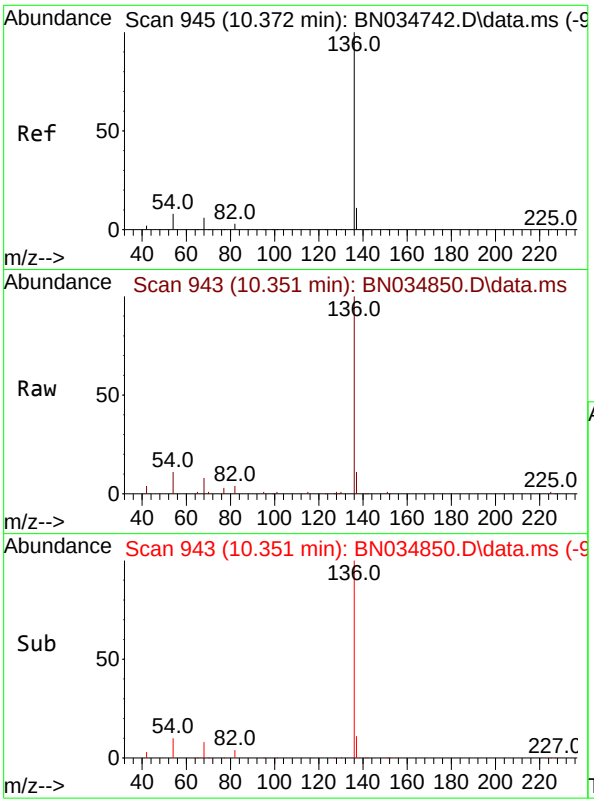


#6
bis(2-Chloroethyl)ether
Concen: 0.395 ng
RT: 7.026 min Scan# 574
Delta R.T. 0.000 min
Lab File: BN034850.D
Acq: 04 Nov 2024 21:33

Tgt Ion: 93 Resp: 8704

Ion	Ratio	Lower	Upper
93	100		
63	80.2	61.2	91.8
95	31.7	25.8	38.8



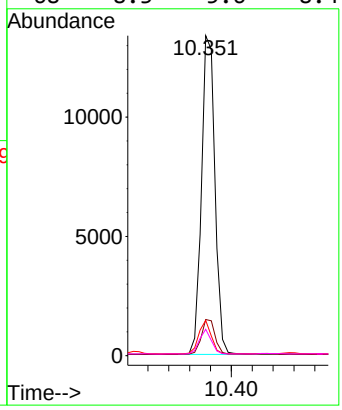


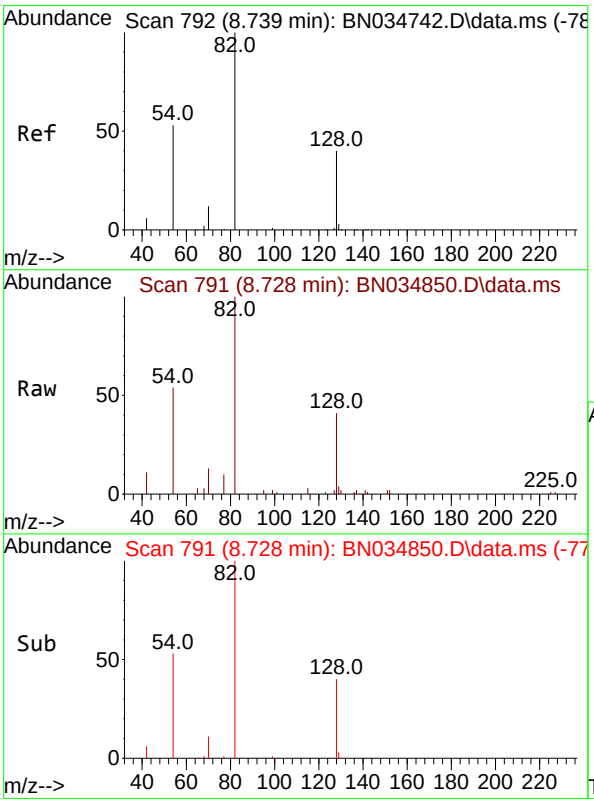
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.351 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN034850.D
Acq: 04 Nov 2024 21:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 23850

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	11.0	7.0	10.4#
68	8.3	5.6	8.4

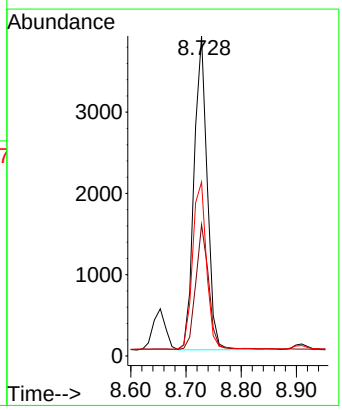


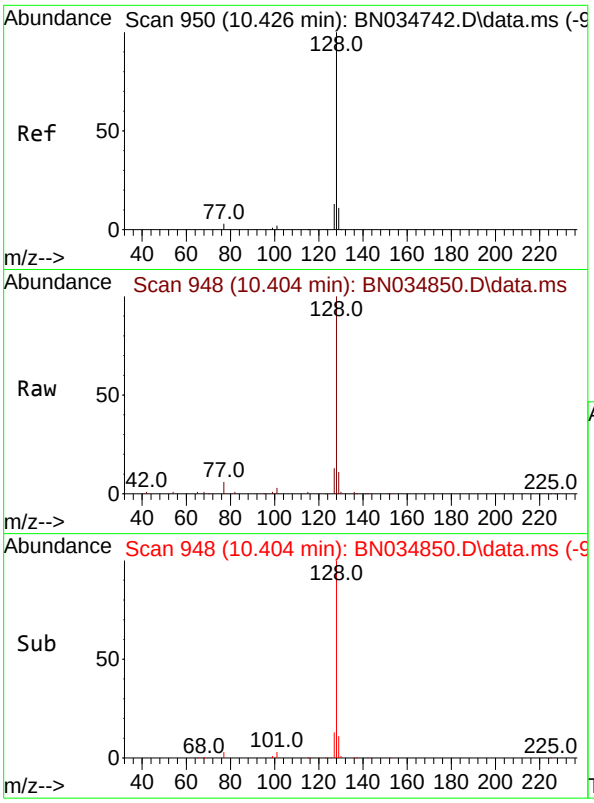


#8
Nitrobenzene-d5
Concen: 0.341 ng
RT: 8.728 min Scan# 791
Delta R.T. 0.000 min
Lab File: BN034850.D
Acq: 04 Nov 2024 21:33

Tgt Ion: 82 Resp: 6385

Ion	Ratio	Lower	Upper
82	100		
128	41.0	33.7	50.5
54	54.4	44.4	66.6



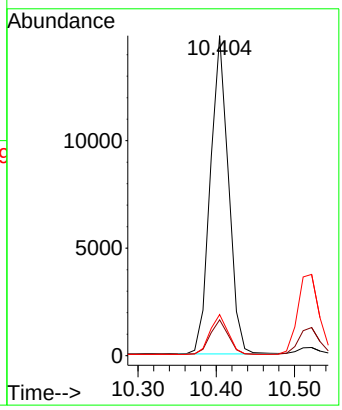


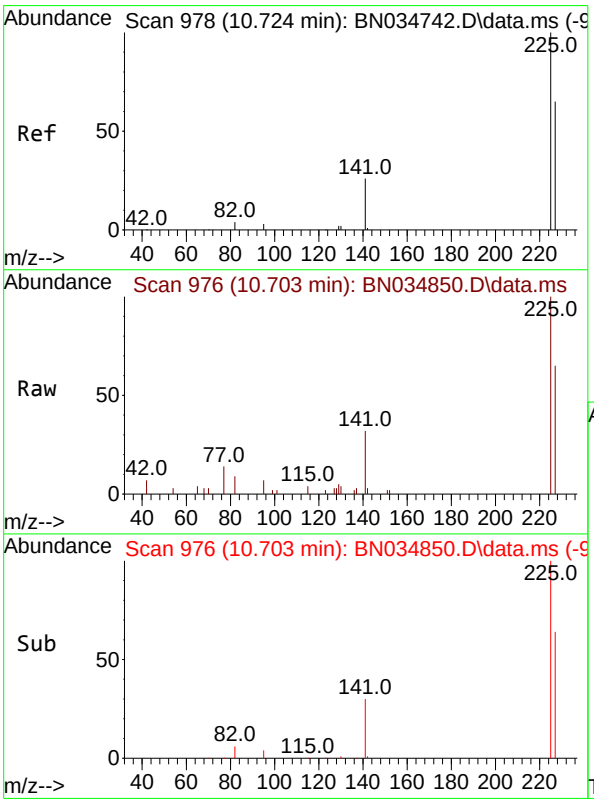
#9
Naphthalene
Concen: 0.362 ng
RT: 10.404 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN034850.D
Acq: 04 Nov 2024 21:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 23856

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.4	14.0
127	12.8	10.6	15.8

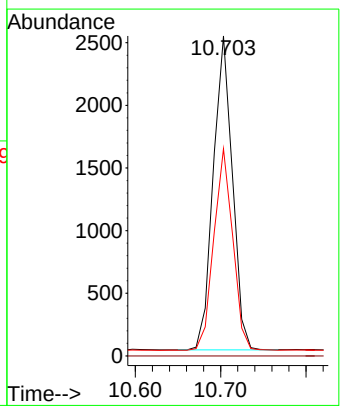


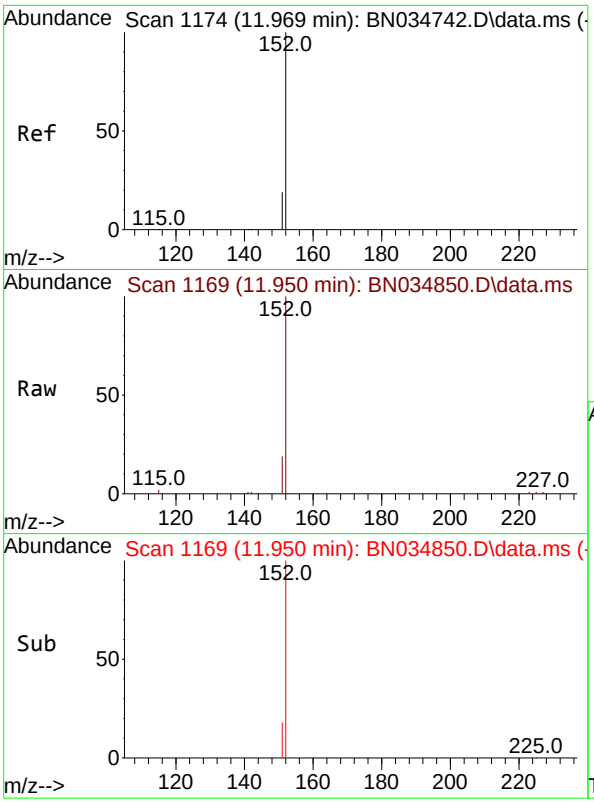


#10
Hexachlorobutadiene
Concen: 0.359 ng
RT: 10.703 min Scan# 976
Delta R.T. 0.000 min
Lab File: BN034850.D
Acq: 04 Nov 2024 21:33

Tgt Ion:225 Resp: 3900

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	51.4	77.2



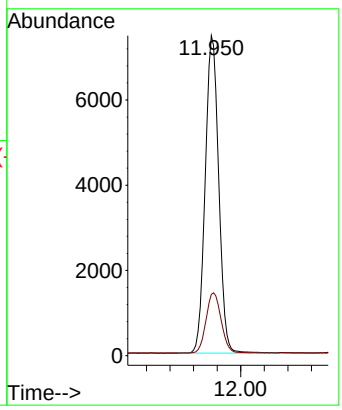


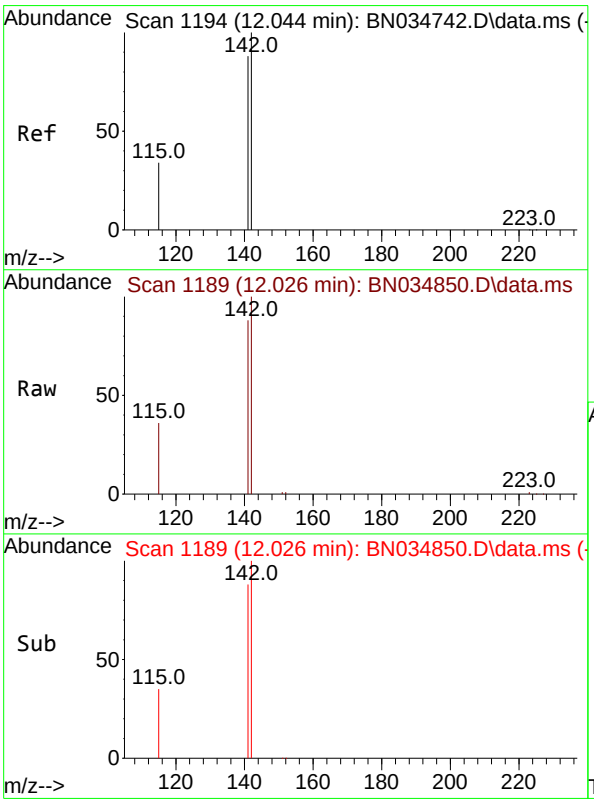
#11
2-Methylnaphthalene-d10
Concen: 0.342 ng
RT: 11.950 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN034850.D
Acq: 04 Nov 2024 21:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 11814

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.6	24.8

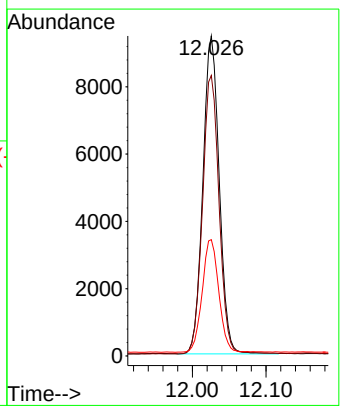


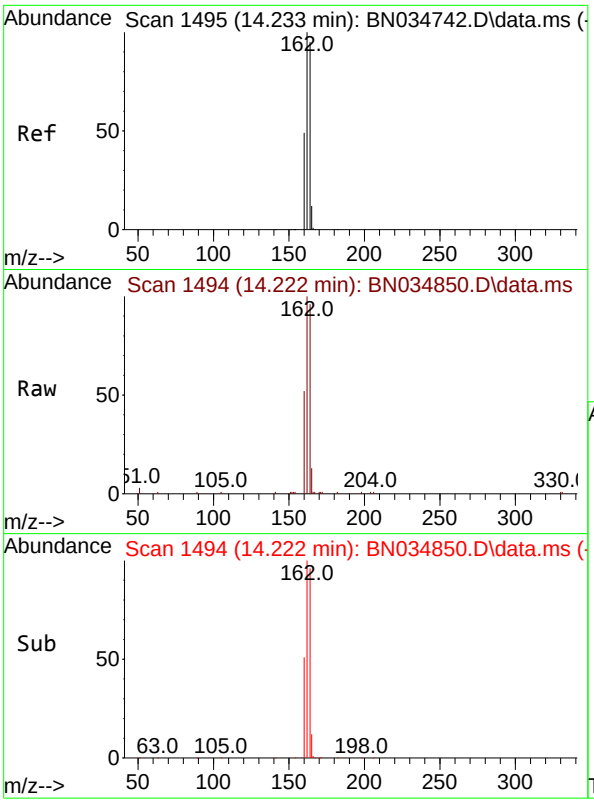


#12
2-Methylnaphthalene
Concen: 0.338 ng
RT: 12.026 min Scan# 1189
Delta R.T. 0.000 min
Lab File: BN034850.D
Acq: 04 Nov 2024 21:33

Tgt Ion:142 Resp: 14586

Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.6	106.0
115	36.3	28.6	42.8



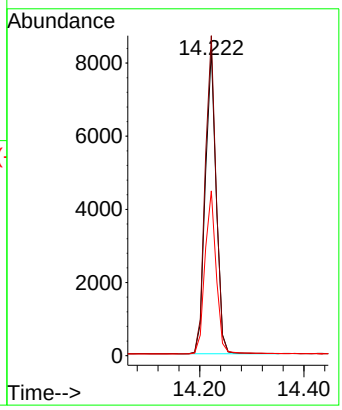


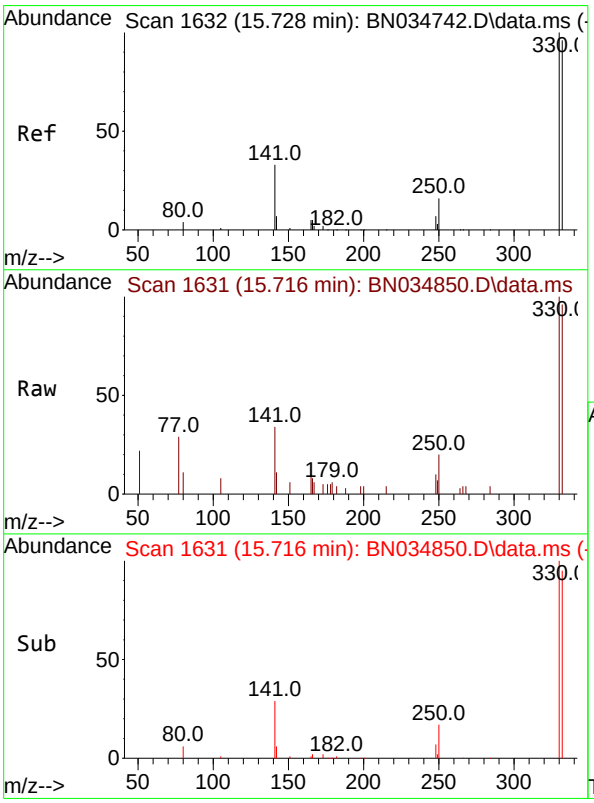
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.222 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN034850.D
Acq: 04 Nov 2024 21:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 12009

Ion	Ratio	Lower	Upper
164	100		
162	104.6	84.3	126.5
160	53.9	41.7	62.5

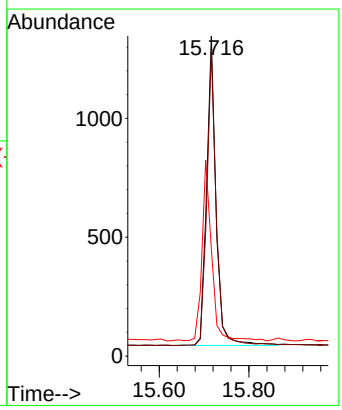


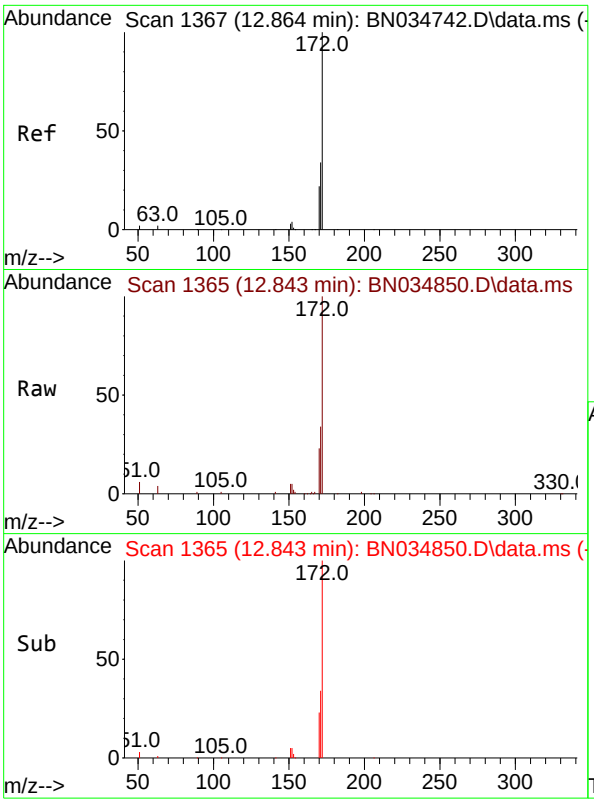


#14
2,4,6-Tribromophenol
Concen: 0.318 ng
RT: 15.716 min Scan# 1631
Delta R.T. 0.000 min
Lab File: BN034850.D
Acq: 04 Nov 2024 21:33

Tgt Ion:330 Resp: 1886

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.8	116.6
141	60.1	41.0	61.4



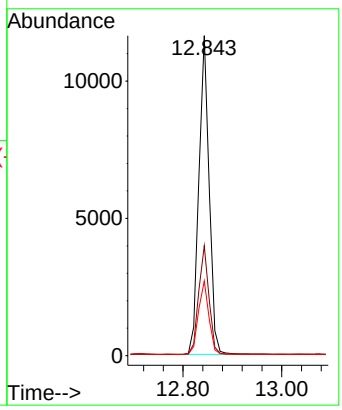


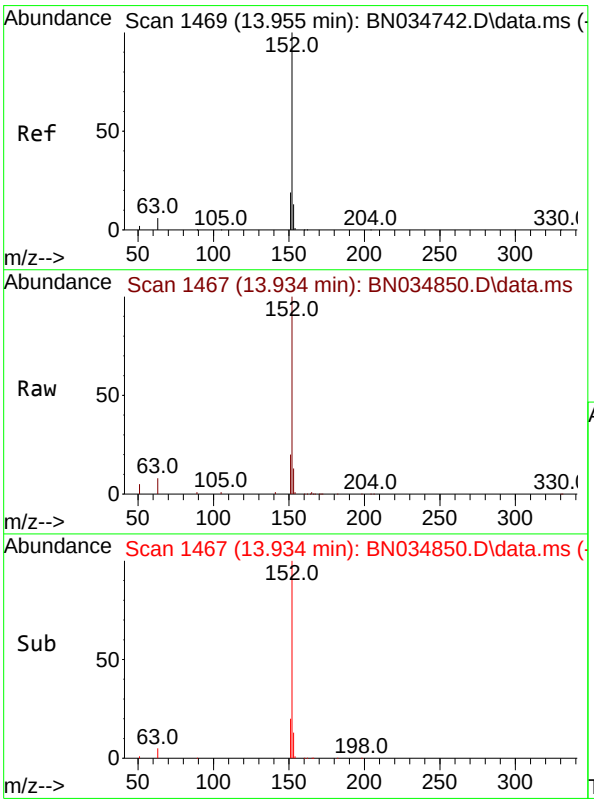
#15
2-Fluorobiphenyl
Concen: 0.354 ng
RT: 12.843 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN034850.D
Acq: 04 Nov 2024 21:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 16764

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.2	40.8
170	23.4	18.0	27.0

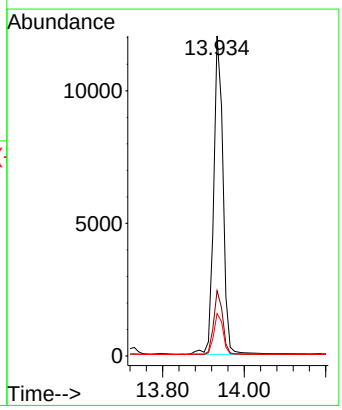


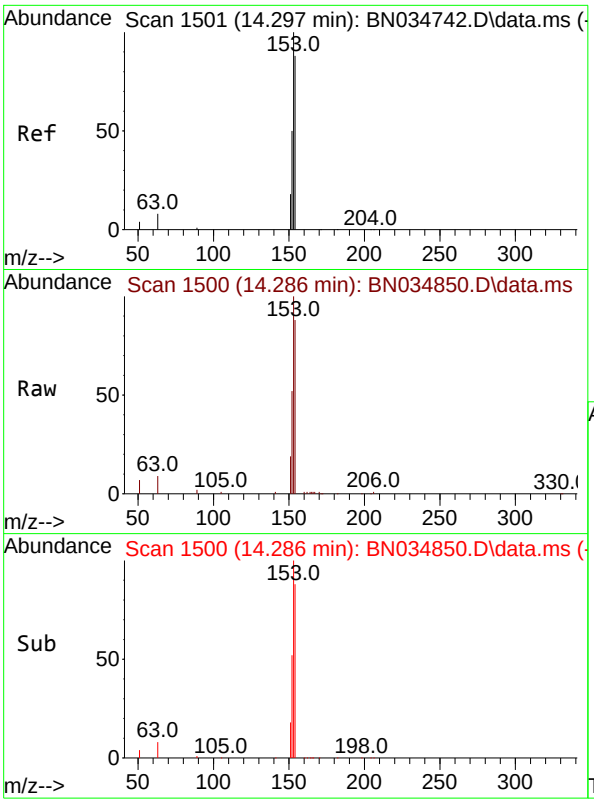


#16
Acenaphthylene
Concen: 0.315 ng
RT: 13.934 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BN034850.D
Acq: 04 Nov 2024 21:33

Tgt Ion:152 Resp: 18997

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



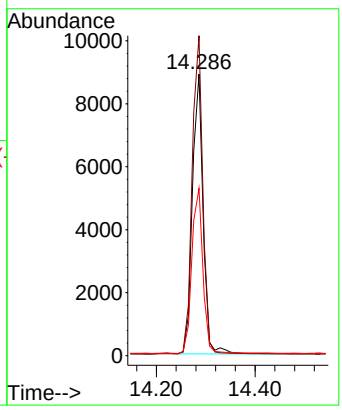


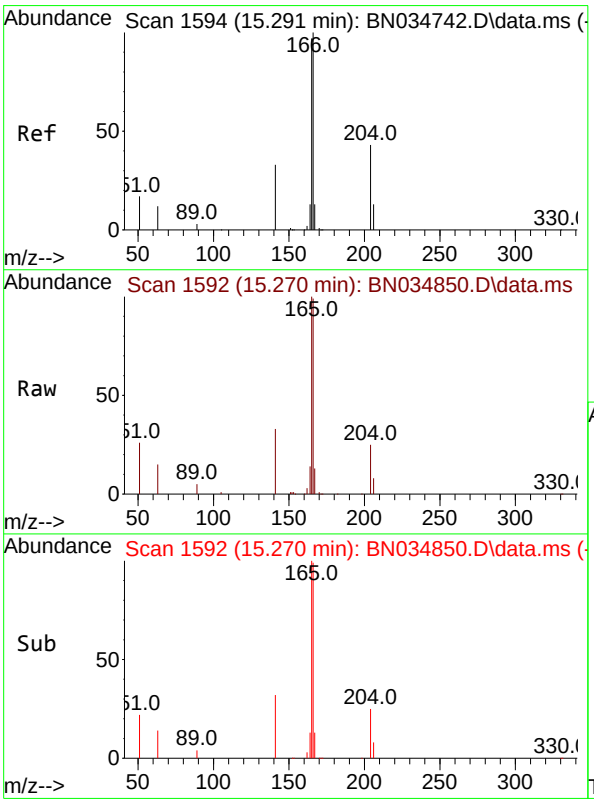
#17
Acenaphthene
Concen: 0.332 ng
RT: 14.286 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN034850.D
Acq: 04 Nov 2024 21:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 13333

Ion	Ratio	Lower	Upper
154	100		
153	113.0	87.8	131.6
152	61.5	44.6	67.0

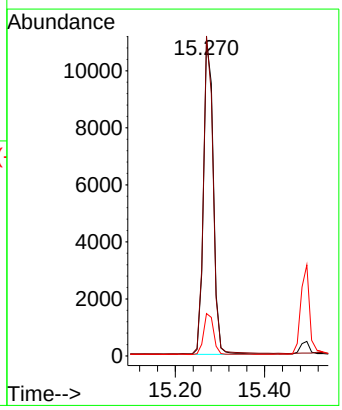


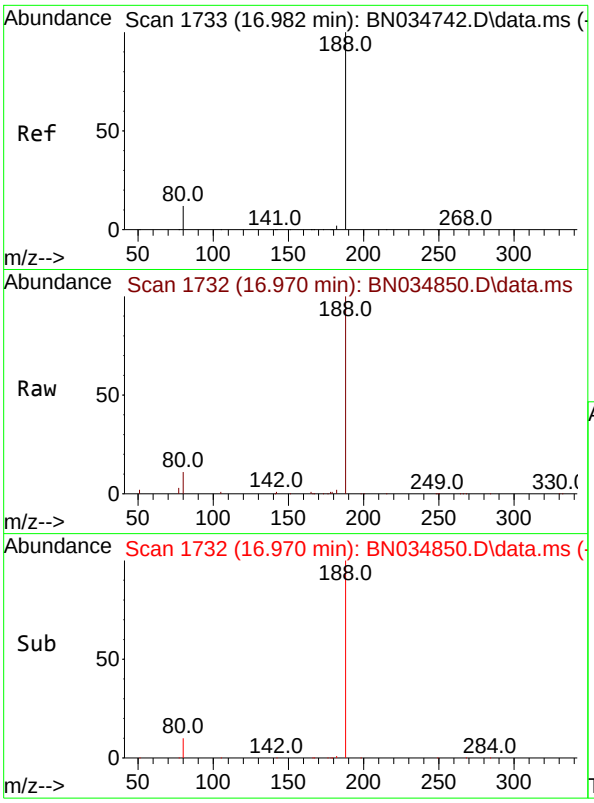


#18
Fluorene
Concen: 0.336 ng
RT: 15.270 min Scan# 1592
Delta R.T. 0.000 min
Lab File: BN034850.D
Acq: 04 Nov 2024 21:33

Tgt Ion:166 Resp: 16800

Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.5	117.7
167	13.2	10.8	16.2



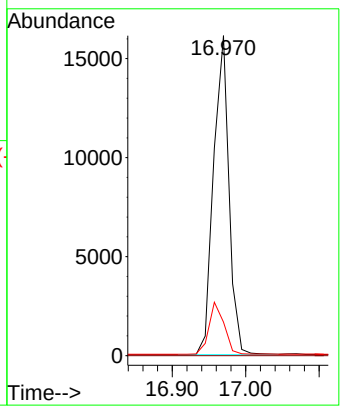


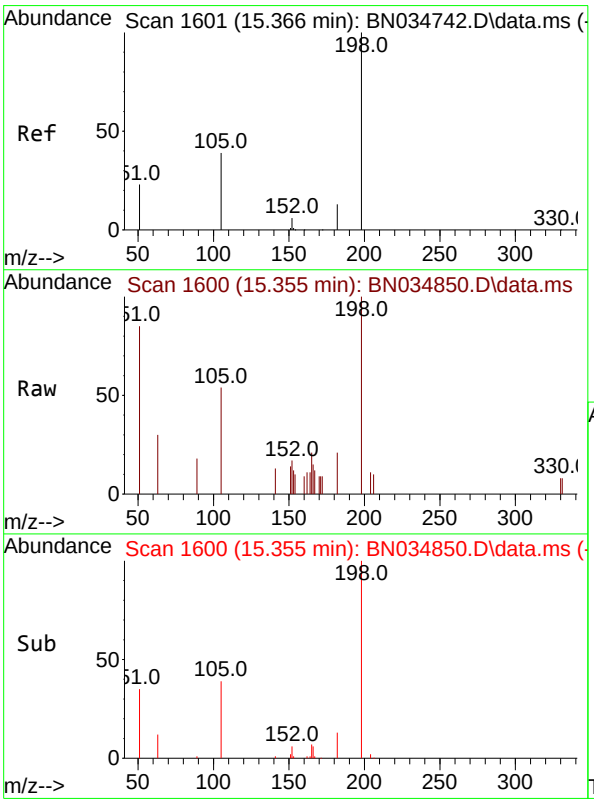
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.970 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN034850.D
Acq: 04 Nov 2024 21:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 23508

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.5	9.8	14.6

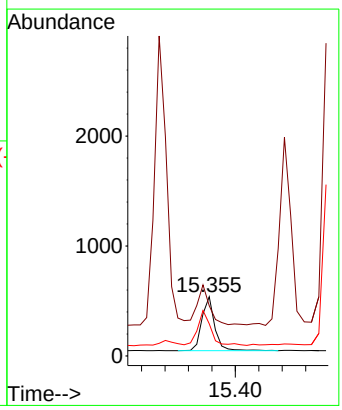


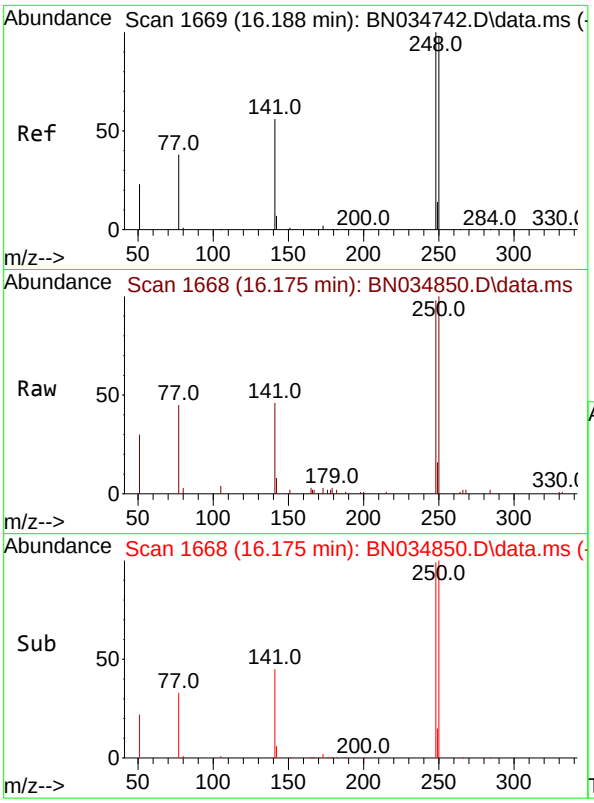


#20
4,6-Dinitro-2-methylphenol
Concen: 0.347 ng
RT: 15.355 min Scan# 1600
Delta R.T. 0.000 min
Lab File: BN034850.D
Acq: 04 Nov 2024 21:33

Tgt Ion:198 Resp: 752

Ion	Ratio	Lower	Upper
198	100		
51	84.9	58.0	87.0
105	54.5	49.1	73.7



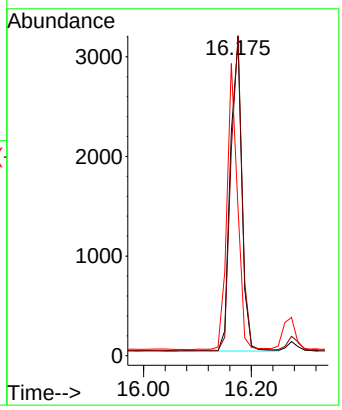


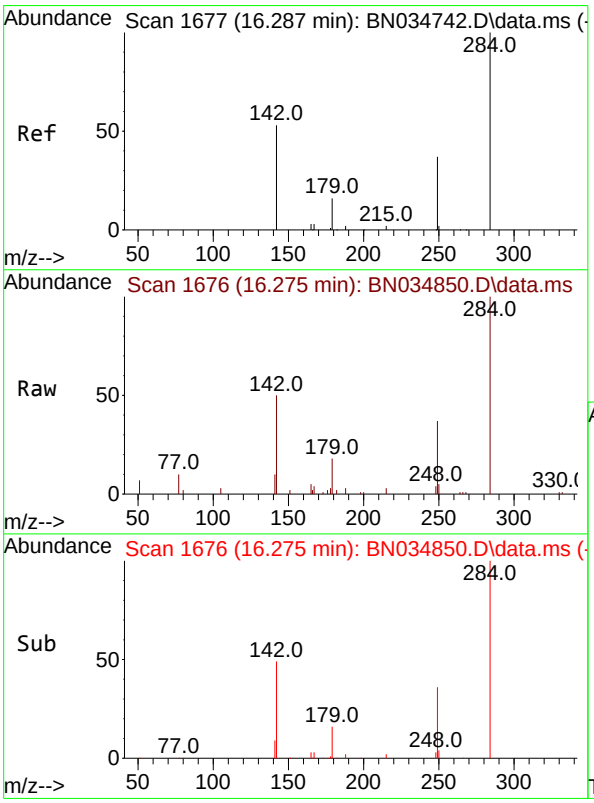
#21
4-Bromophenyl-phenylether
Concen: 0.341 ng
RT: 16.175 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN034850.D
Acq: 04 Nov 2024 21:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:248 Resp: 4638

Ion	Ratio	Lower	Upper
248	100		
250	101.5	78.7	118.1
141	46.7	46.4	69.6

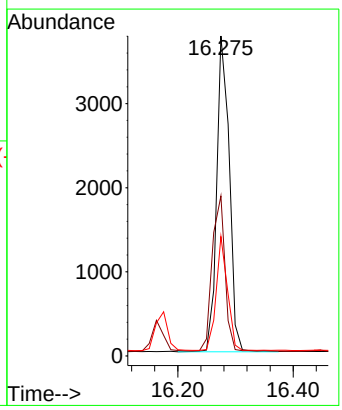


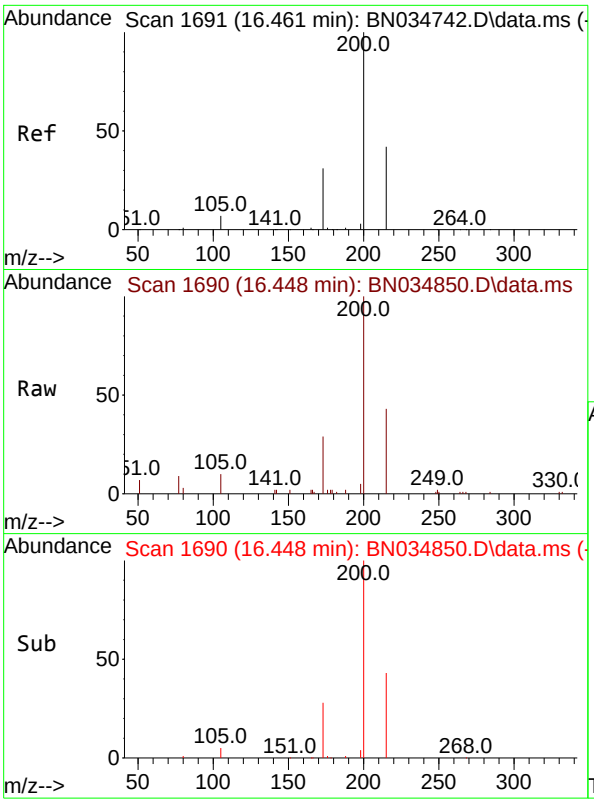


#22
Hexachlorobenzene
Concen: 0.372 ng
RT: 16.275 min Scan# 1676
Delta R.T. 0.000 min
Lab File: BN034850.D
Acq: 04 Nov 2024 21:33

Tgt Ion:284 Resp: 5661

Ion	Ratio	Lower	Upper
284	100		
142	50.3	35.4	53.0
249	32.6	25.7	38.5



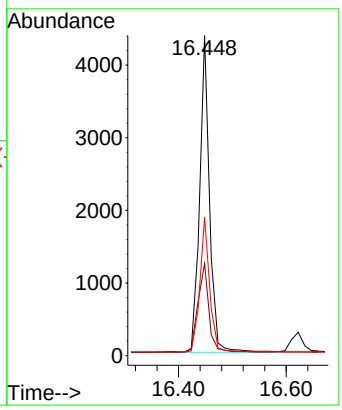


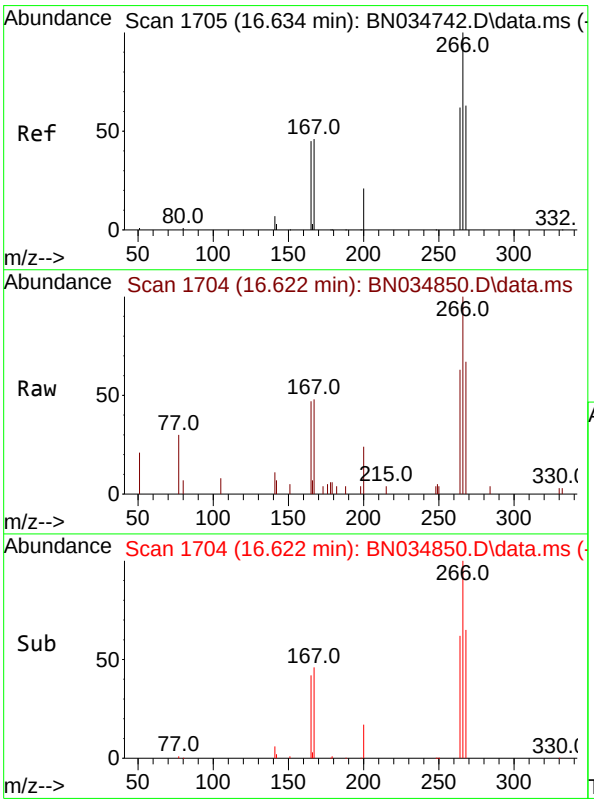
#23
Atrazine
Concen: 0.477 ng
RT: 16.448 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN034850.D
Acq: 04 Nov 2024 21:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:200 Resp: 5580

Ion	Ratio	Lower	Upper
200	100		
173	28.7	25.8	38.6
215	43.4	34.2	51.4

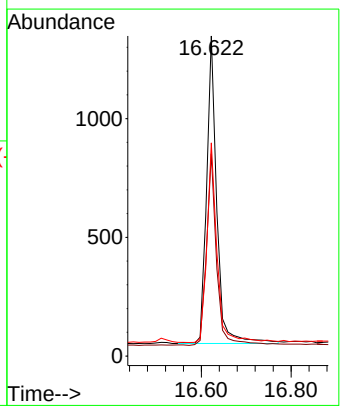


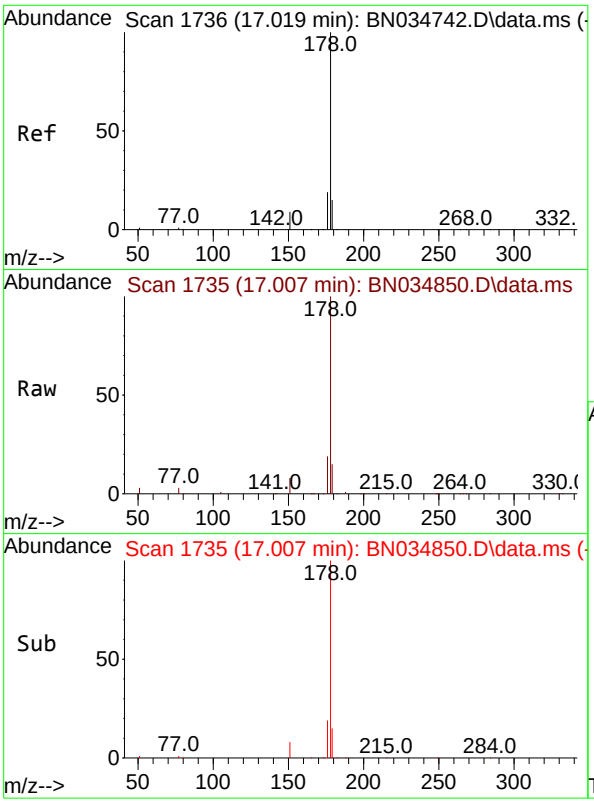


#24
Pentachlorophenol
Concen: 0.309 ng
RT: 16.622 min Scan# 1704
Delta R.T. 0.000 min
Lab File: BN034850.D
Acq: 04 Nov 2024 21:33

Tgt Ion:266 Resp: 2026

Ion	Ratio	Lower	Upper
266	100		
264	62.1	48.7	73.1
268	64.9	50.2	75.4



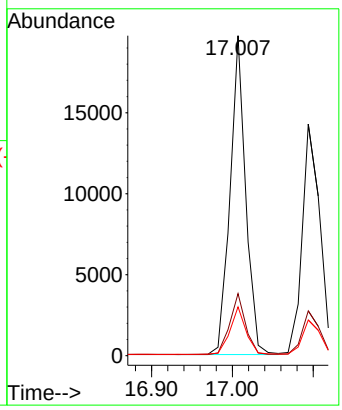


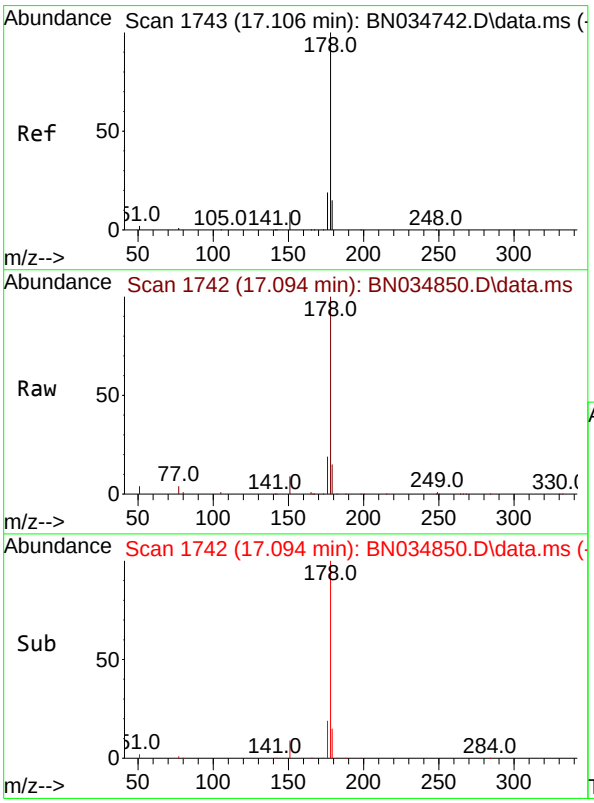
#25
Phenanthrene
Concen: 0.381 ng
RT: 17.007 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN034850.D
Acq: 04 Nov 2024 21:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 26321

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.2	12.2	18.4

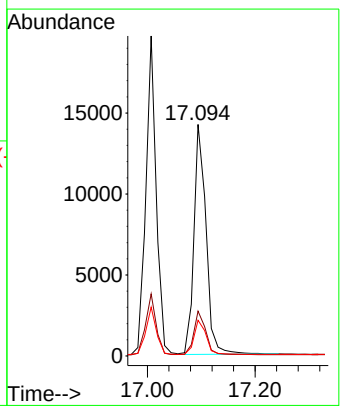


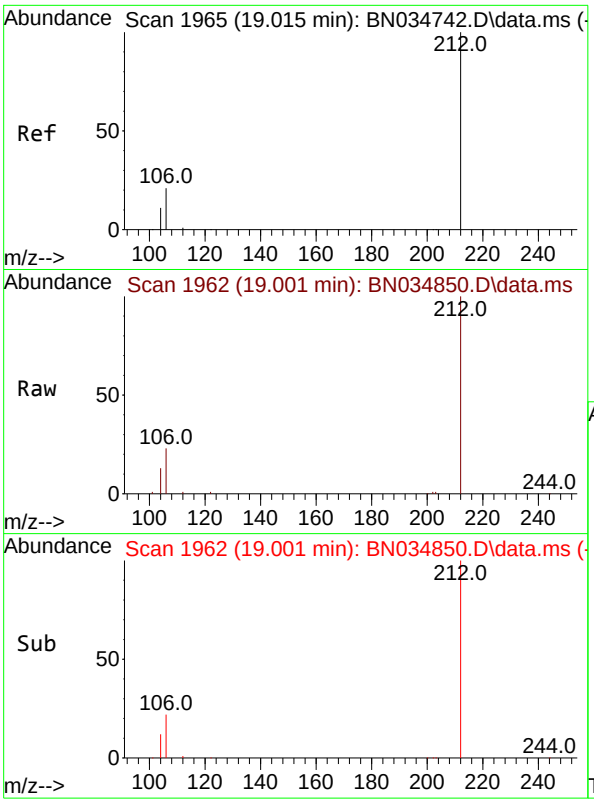


#26
Anthracene
Concen: 0.344 ng
RT: 17.094 min Scan# 1742
Delta R.T. 0.000 min
Lab File: BN034850.D
Acq: 04 Nov 2024 21:33

Tgt Ion:178 Resp: 22246

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.6
179	14.9	12.2	18.2



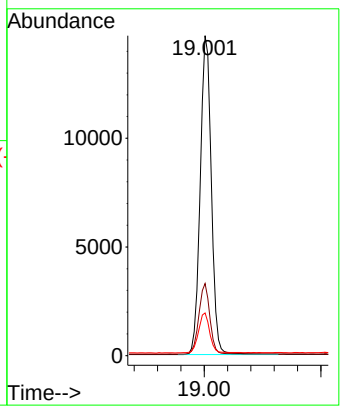


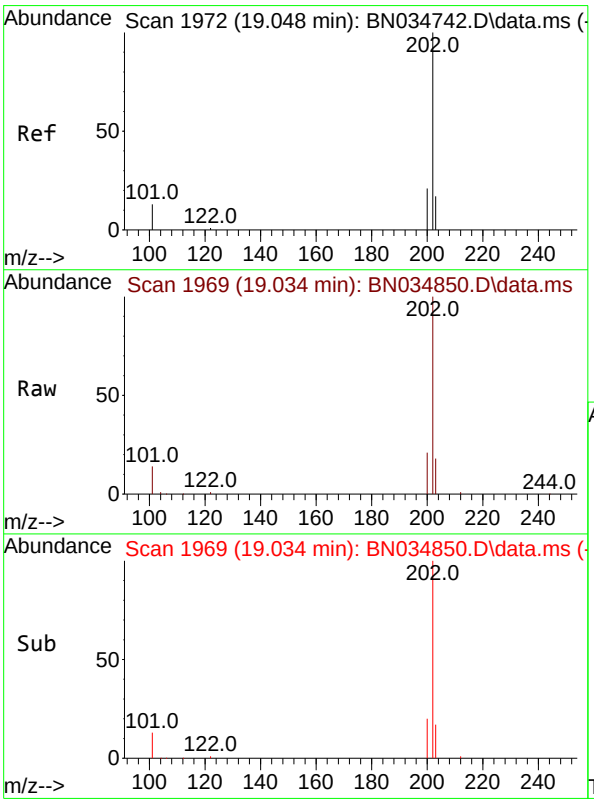
#27
Fluoranthene-d10
Concen: 0.353 ng
RT: 19.001 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN034850.D
Acq: 04 Nov 2024 21:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 19478

Ion	Ratio	Lower	Upper
212	100		
106	21.7	16.1	24.1
104	12.5	9.2	13.8

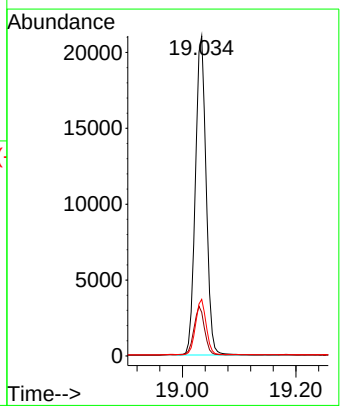


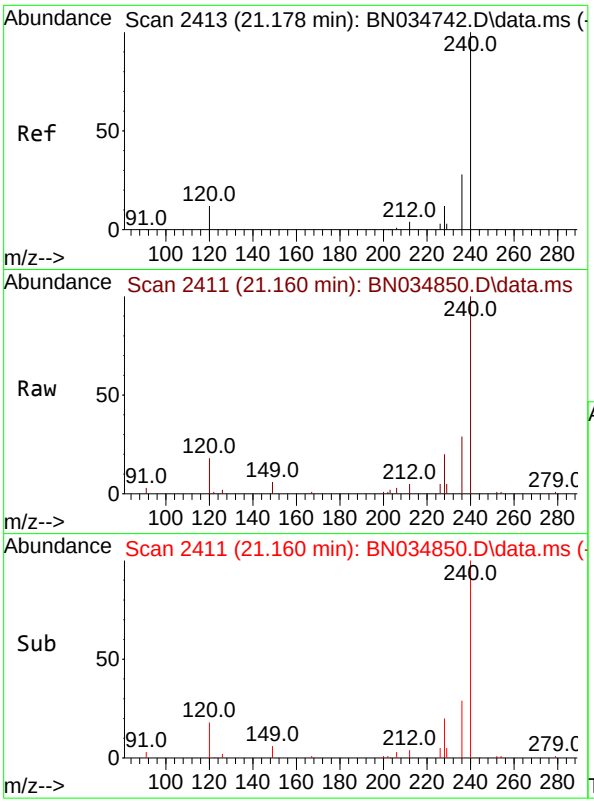


#28
Fluoranthene
Concen: 0.361 ng
RT: 19.034 min Scan# 1969
Delta R.T. 0.000 min
Lab File: BN034850.D
Acq: 04 Nov 2024 21:33

Tgt Ion:202 Resp: 27481

Ion	Ratio	Lower	Upper
202	100		
101	15.2	11.4	17.0
203	17.0	13.7	20.5



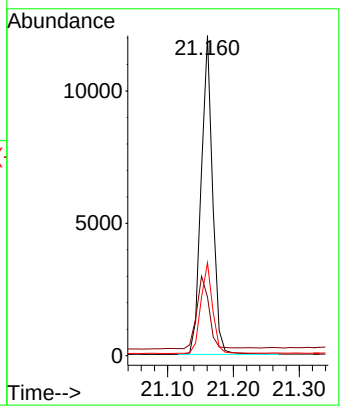


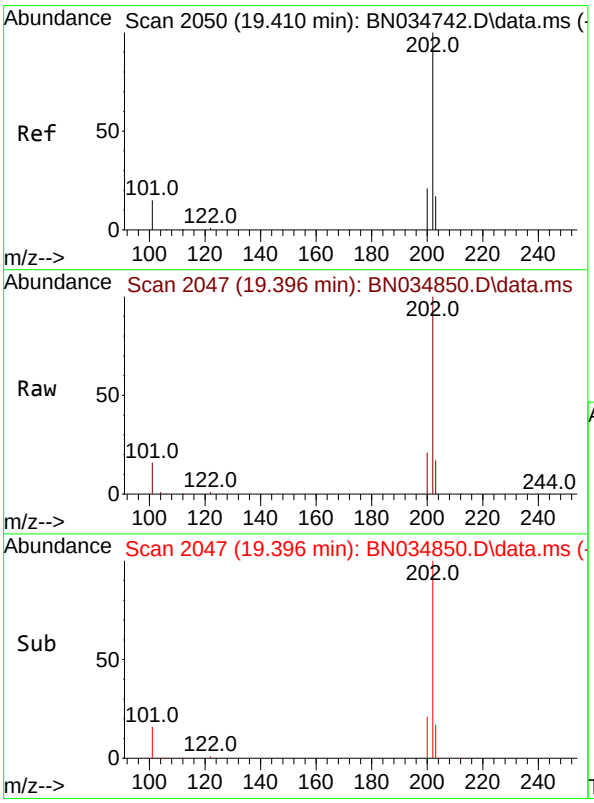
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.160 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN034850.D
Acq: 04 Nov 2024 21:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 14579

Ion	Ratio	Lower	Upper
240	100		
120	18.4	11.5	17.3#
236	29.1	23.2	34.8

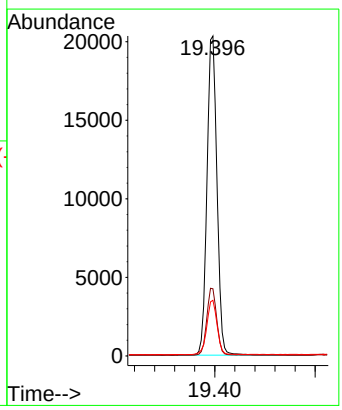


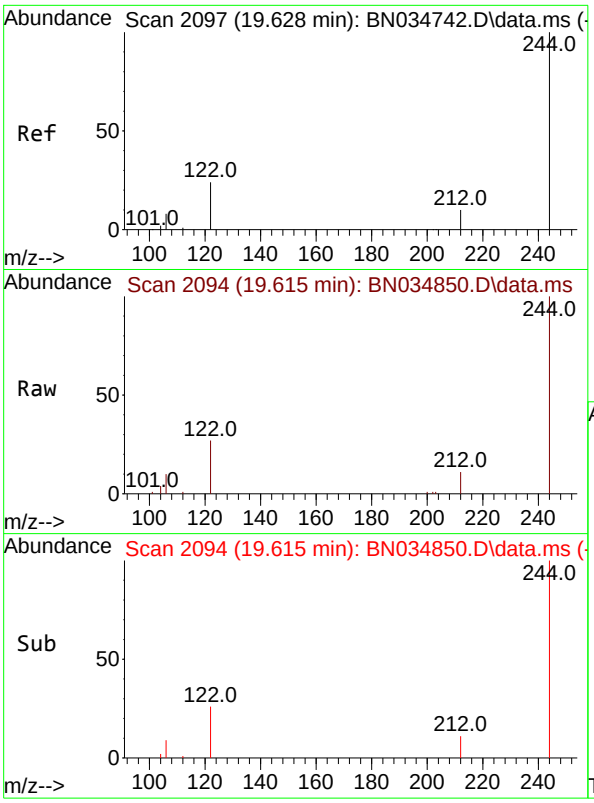


#30
Pyrene
Concen: 0.368 ng
RT: 19.396 min Scan# 2047
Delta R.T. 0.000 min
Lab File: BN034850.D
Acq: 04 Nov 2024 21:33

Tgt Ion:202 Resp: 28018

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.0	25.4
203	17.6	14.2	21.2



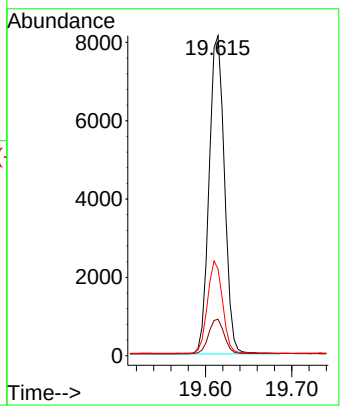


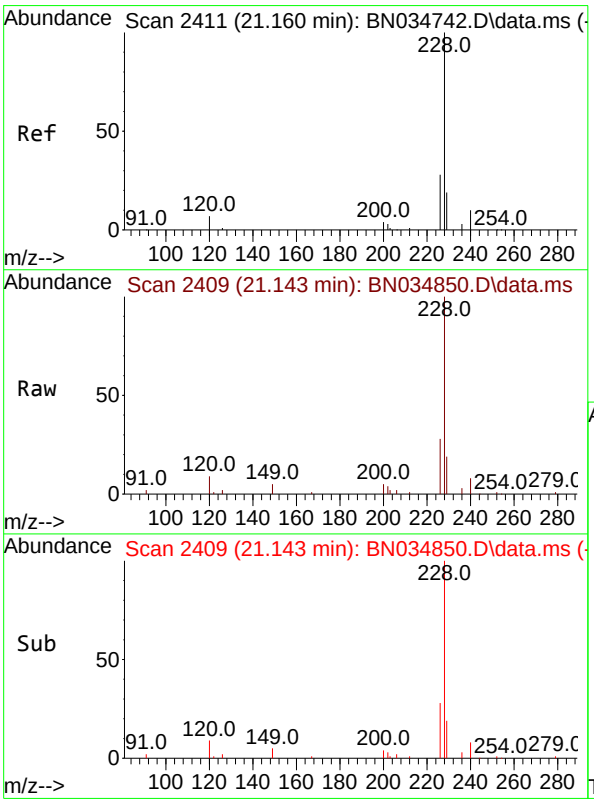
#31
Terphenyl-d14
Concen: 0.321 ng
RT: 19.615 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN034850.D
Acq: 04 Nov 2024 21:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 10056

Ion	Ratio	Lower	Upper
244	100		
212	11.4	8.2	12.4
122	27.1	19.8	29.6

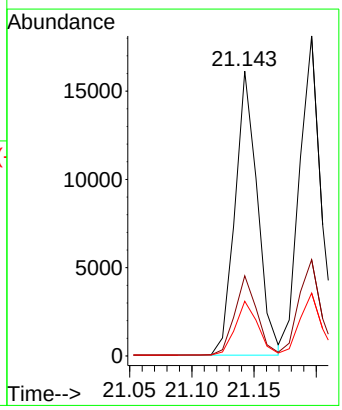


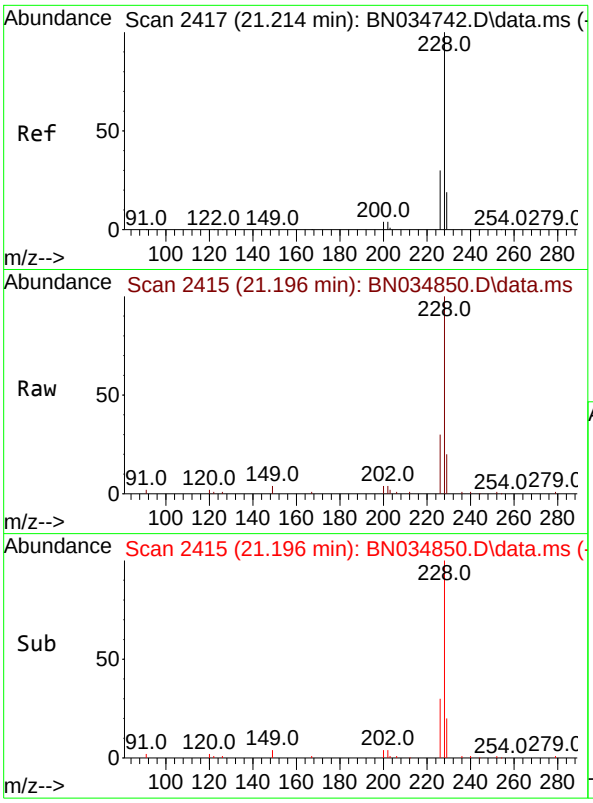


#32
Benzo(a)anthracene
Concen: 0.346 ng
RT: 21.143 min Scan# 2409
Delta R.T. 0.000 min
Lab File: BN034850.D
Acq: 04 Nov 2024 21:33

Tgt Ion:228 Resp: 20082

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	19.2	15.7	23.5



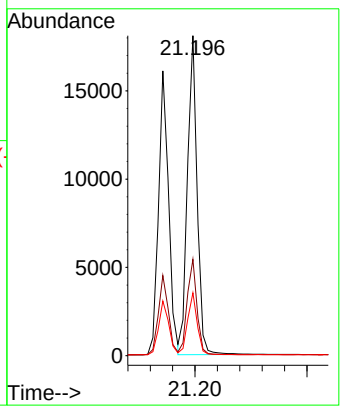


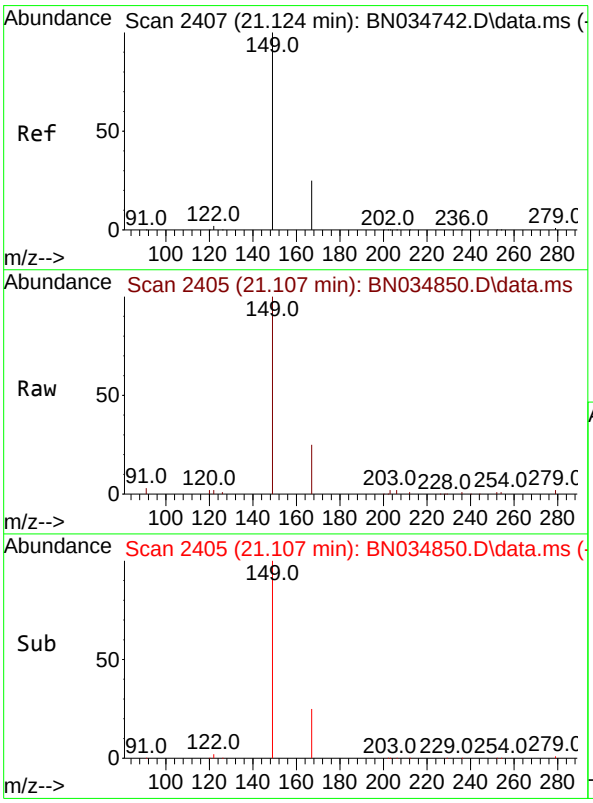
#33
Chrysene
Concen: 0.383 ng
RT: 21.196 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN034850.D
Acq: 04 Nov 2024 21:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 21768

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.4	36.6
229	19.7	15.6	23.4

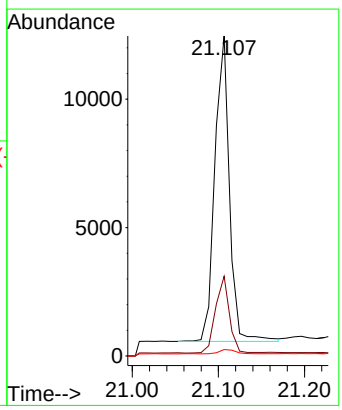


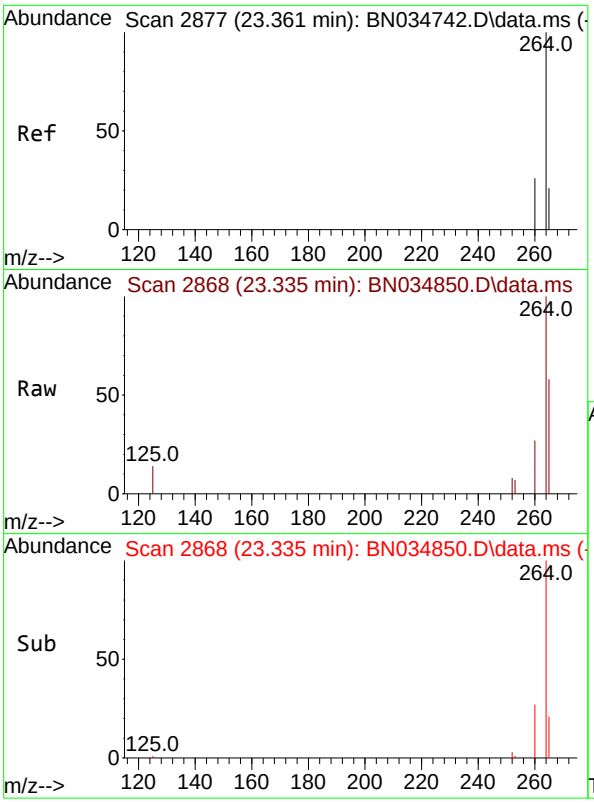


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.287 ng
RT: 21.107 min Scan# 2405
Delta R.T. 0.000 min
Lab File: BN034850.D
Acq: 04 Nov 2024 21:33

Tgt Ion:149 Resp: 13933

Ion	Ratio	Lower	Upper
149	100		
167	23.8	20.6	30.8
279	1.7	1.5	2.3



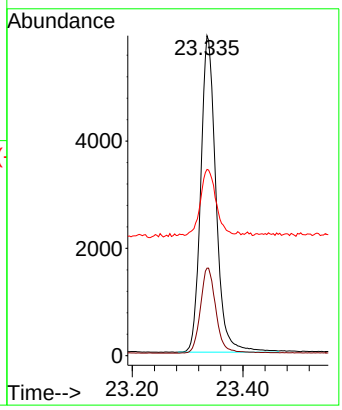


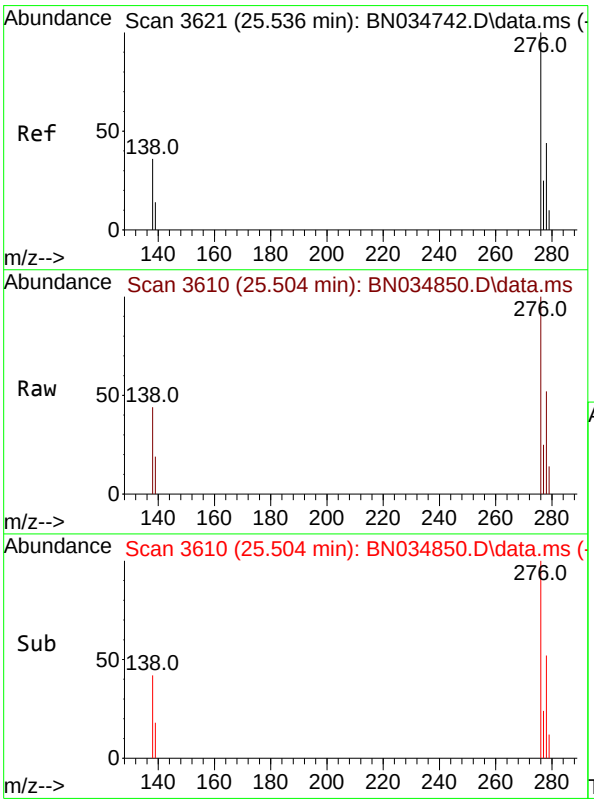
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.335 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN034850.D
Acq: 04 Nov 2024 21:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 11281

Ion	Ratio	Lower	Upper
264	100		
260	27.3	21.5	32.3
265	58.2	47.5	71.3

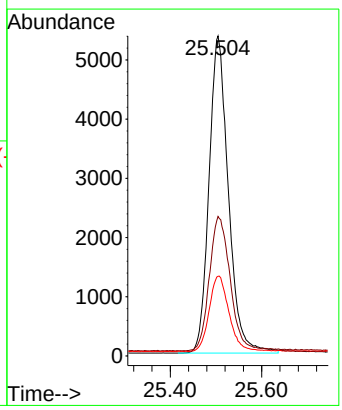


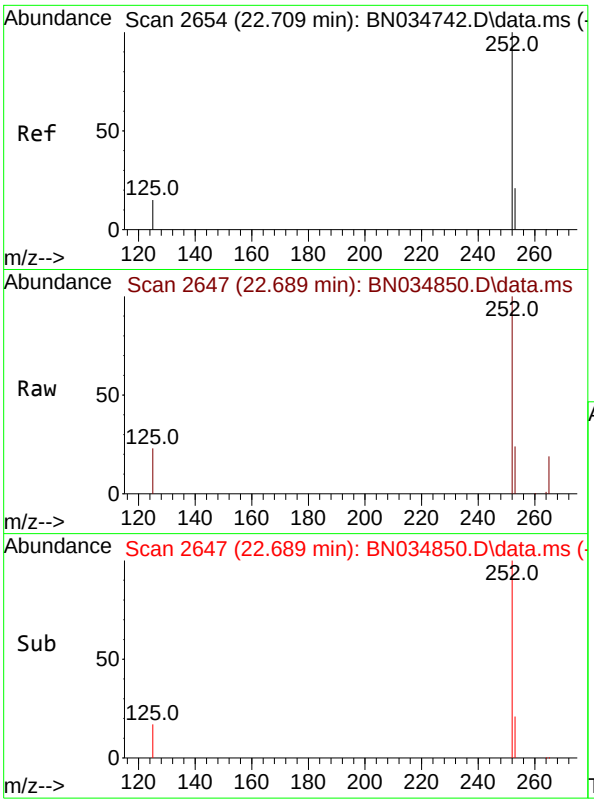


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.380 ng
RT: 25.504 min Scan# 3610
Delta R.T. 0.000 min
Lab File: BN034850.D
Acq: 04 Nov 2024 21:33

Tgt Ion:276 Resp: 15750

Ion	Ratio	Lower	Upper
276	100		
138	45.3	31.5	47.3
277	24.4	19.7	29.5



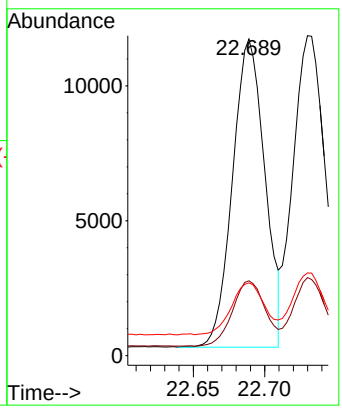


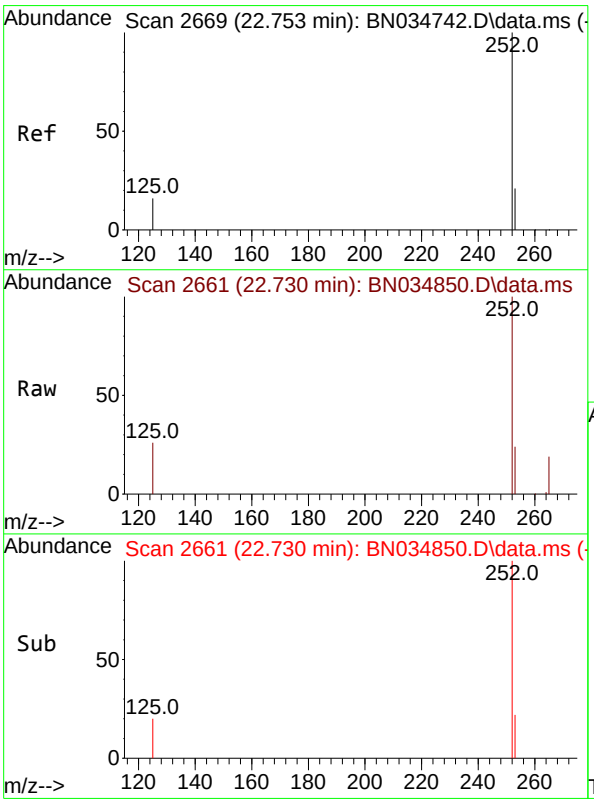
#37
Benzo(b)fluoranthene
Concen: 0.394 ng
RT: 22.689 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN034850.D
Acq: 04 Nov 2024 21:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 17915

Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.7	29.5
125	23.0	17.1	25.7

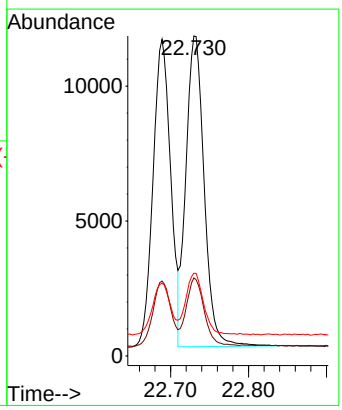


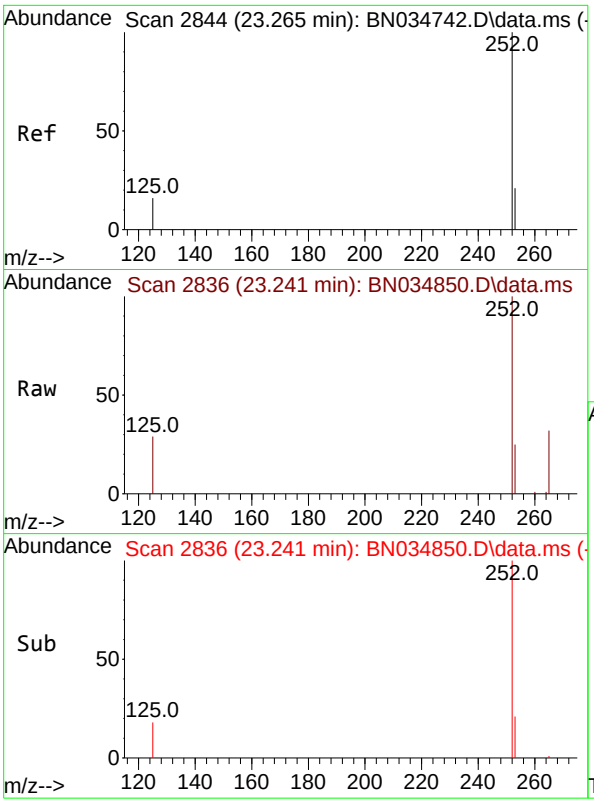


#38
Benzo(k)fluoranthene
Concen: 0.424 ng
RT: 22.730 min Scan# 2661
Delta R.T. 0.000 min
Lab File: BN034850.D
Acq: 04 Nov 2024 21:33

Tgt Ion:252 Resp: 18784

Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.8	29.6
125	25.8	18.2	27.2



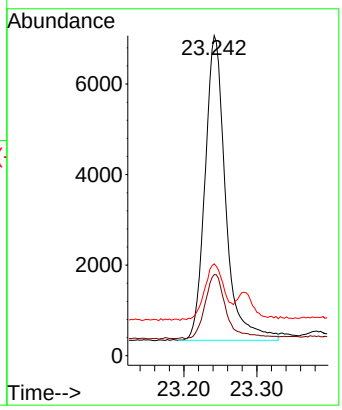


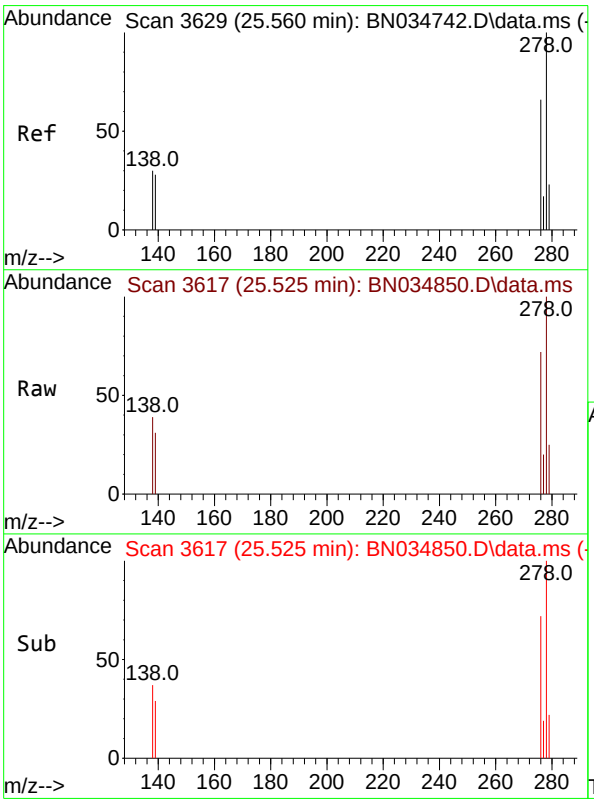
#39
Benzo(a)pyrene
Concen: 0.351 ng
RT: 23.241 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN034850.D
Acq: 04 Nov 2024 21:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 13171

Ion	Ratio	Lower	Upper
252	100		
253	25.3	20.7	31.1
125	28.7	20.3	30.5

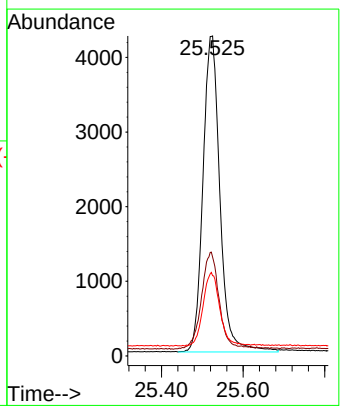


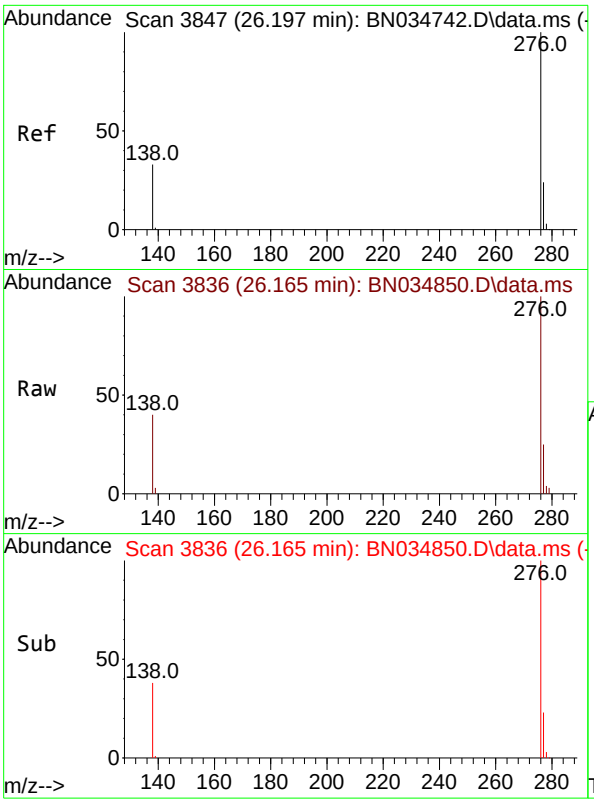


#40
Dibenzo(a,h)anthracene
Concen: 0.377 ng
RT: 25.525 min Scan# 3617
Delta R.T. 0.000 min
Lab File: BN034850.D
Acq: 04 Nov 2024 21:33

Tgt Ion:278 Resp: 12198

Ion	Ratio	Lower	Upper
278	100		
139	30.9	24.9	37.3
279	25.1	21.0	31.4





#41
Benzo(g,h,i)perylene
Concen: 0.371 ng
RT: 26.165 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN034850.D
Acq: 04 Nov 2024 21:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 12966

Ion	Ratio	Lower	Upper
276	100		
277	24.8	20.2	30.2
138	39.6	28.7	43.1