Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101124\
Data File : BN034560.D
Acq On : 11 Oct 2024 18:11
Operator : RC/JU
Sample : PB164072BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB164072BSD

Quant Time: Oct 11 18:41:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 00:21:08 2024
Response via : Initial Calibration

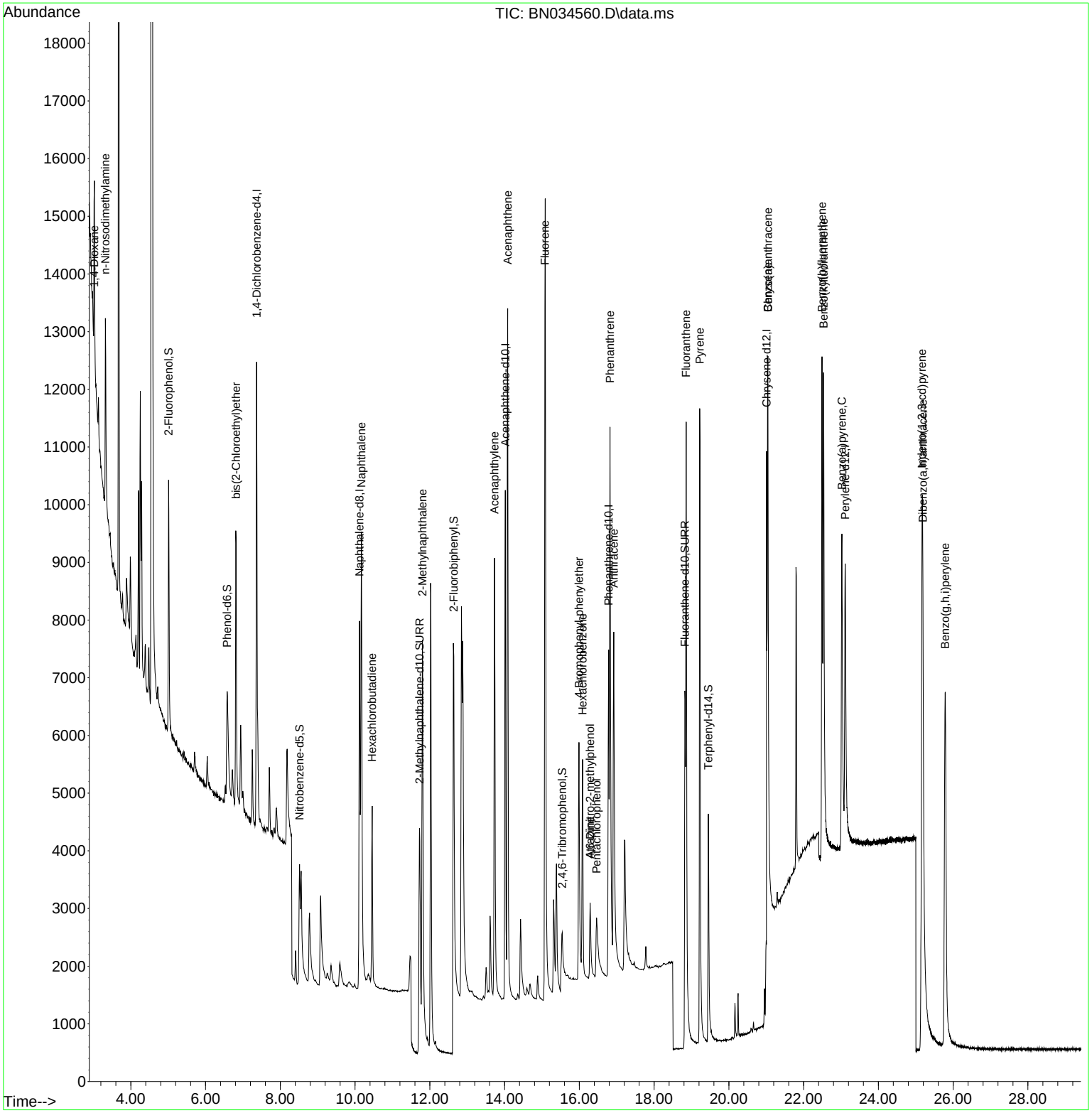
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.366	152	4159	0.400	ng	0.00
7) Naphthalene-d8	10.116	136	11135	0.400	ng	-0.01
13) Acenaphthene-d10	14.019	164	5901	0.400	ng	0.00
19) Phenanthrene-d10	16.784	188	10531	0.400	ng	0.00
29) Chrysene-d12	21.008	240	5060	0.400	ng	0.00
35) Perylene-d12	23.113	264	7684	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.011	112	3791	0.321	ng	0.00
5) Phenol-d6	6.578	99	3087	0.225	ng	0.00
8) Nitrobenzene-d5	8.515	82	2626	0.308	ng	0.00
11) 2-Methylnaphthalene-d10	11.723	152	9807	0.596	ng	0.00
14) 2,4,6-Tribromophenol	15.542	330	688	0.257	ng	0.00
15) 2-Fluorobiphenyl	12.640	172	8100	0.337	ng	0.00
27) Fluoranthene-d10	18.825	212	9416	0.354	ng	0.00
31) Terphenyl-d14	19.452	244	5878	0.582	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.025	88	1753	0.337	ng	# 30
3) n-Nitrosodimethylamine	3.321	42	2014	0.340	ng	# 88
6) bis(2-Chloroethyl)ether	6.817	93	3916	0.322	ng	94
9) Naphthalene	10.170	128	11753	0.385	ng	99
10) Hexachlorobutadiene	10.458	225	2591	0.450	ng	# 98
12) 2-Methylnaphthalene	11.803	142	7194	0.362	ng	99
16) Acenaphthylene	13.731	152	9535	0.377	ng	99
17) Acenaphthene	14.083	154	6896	0.381	ng	99
18) Fluorene	15.078	166	8071	0.339	ng	99
20) 4,6-Dinitro-2-methylph...	16.287	198	67	0.172	ng	# 16
21) 4-Bromophenyl-phenylether	15.989	248	2205	0.372	ng	# 87
22) Hexachlorobenzene	16.089	284	3410	0.514	ng	# 89
23) Atrazine	16.287	200	1638	0.334	ng	# 94
24) Pentachlorophenol	16.461	266	1197	0.545	ng	98
25) Phenanthrene	16.821	178	11713	0.387	ng	99
26) Anthracene	16.920	178	9013	0.365	ng	100
28) Fluoranthene	18.857	202	12224	0.349	ng	98
30) Pyrene	19.220	202	12652	0.592	ng	100
32) Benzo(a)anthracene	21.044	228	11576	0.723	ng	97
33) Chrysene	21.044	228	13195	0.691	ng	99
36) Indeno(1,2,3-cd)pyrene	25.168	276	15534	0.472	ng	94
37) Benzo(b)fluoranthene	22.490	252	11090	0.368	ng	96
38) Benzo(k)fluoranthene	22.534	252	13063	0.413	ng	94
39) Benzo(a)pyrene	23.022	252	10557	0.430	ng	96
40) Dibenzo(a,h)anthracene	25.189	278	11846	0.463	ng	95
41) Benzo(g,h,i)perylene	25.785	276	13691	0.477	ng	96

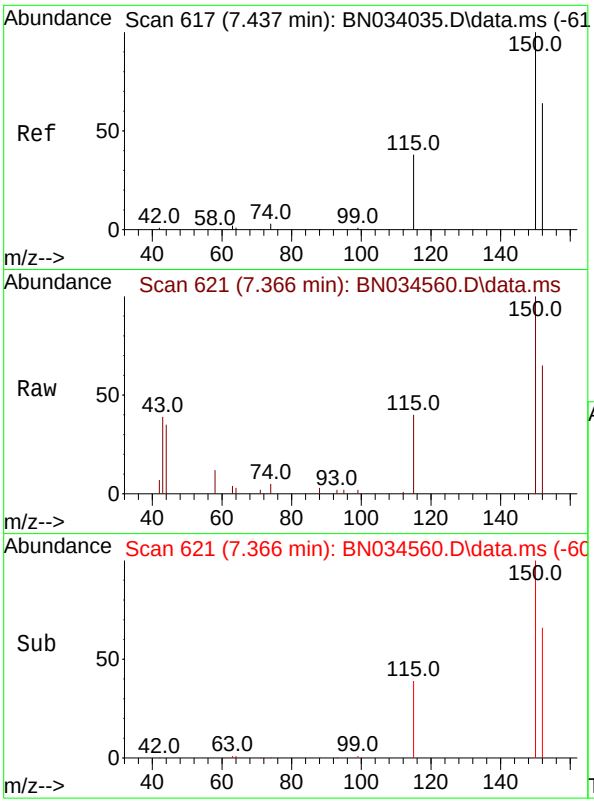
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101124\
Data File : BN034560.D
Acq On : 11 Oct 2024 18:11
Operator : RC/JU
Sample : PB164072BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB164072BSD

Quant Time: Oct 11 18:41:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 00:21:08 2024
Response via : Initial Calibration



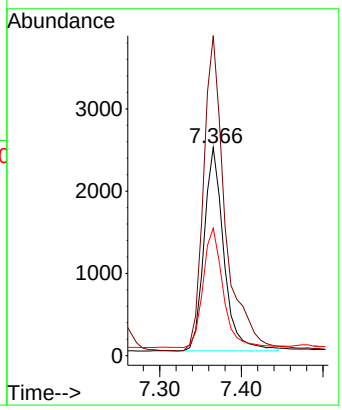


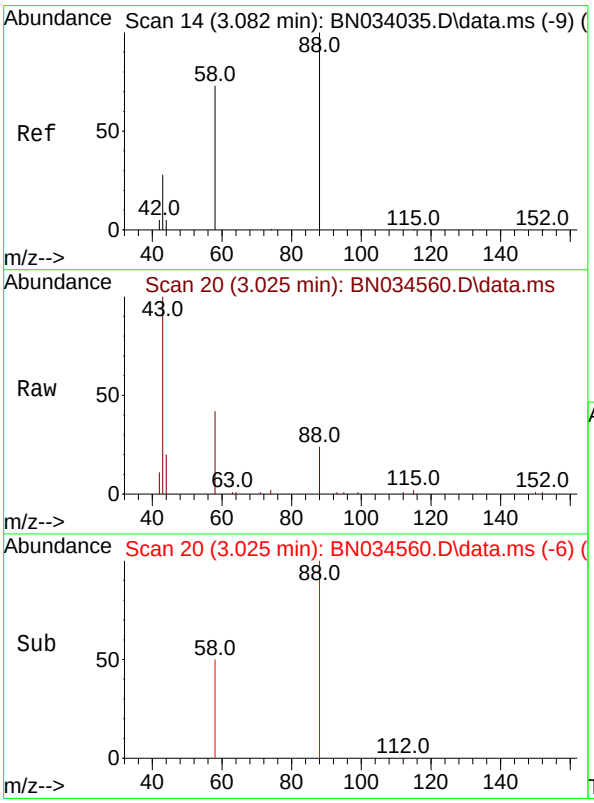
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.366 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN034560.D
Acq: 11 Oct 2024 18:11

Instrument :
BNA_N
ClientSampleId :
PB164072BSD

Tgt Ion:152 Resp: 4159

Ion	Ratio	Lower	Upper
152	100		
150	153.7	124.6	187.0
115	61.2	50.0	75.0

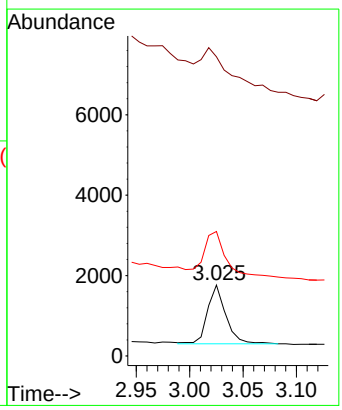


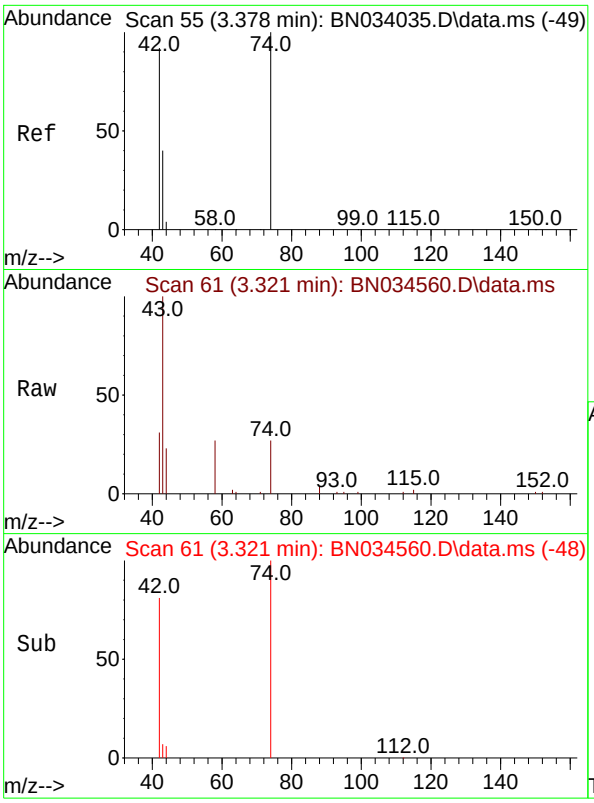


#2
1,4-Dioxane
Concen: 0.337 ng
RT: 3.025 min Scan# 20
Delta R.T. 0.000 min
Lab File: BN034560.D
Acq: 11 Oct 2024 18:11

Tgt Ion: 88 Resp: 1753

Ion	Ratio	Lower	Upper
88	100		
43	119.1	25.8	38.8#
58	100.5	58.8	88.2#



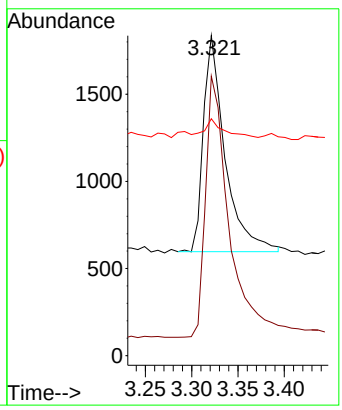


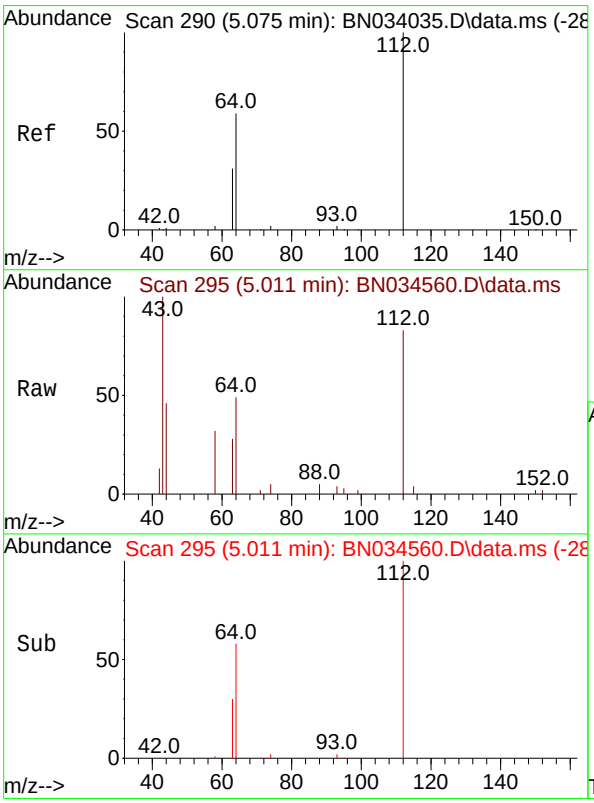
#3
n-Nitrosodimethylamine
Concen: 0.340 ng
RT: 3.321 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN034560.D
Acq: 11 Oct 2024 18:11

Instrument :
BNA_N
ClientSampleId :
PB164072BSD

Tgt Ion: 42 Resp: 2014

Ion	Ratio	Lower	Upper
42	100		
74	130.6	94.6	142.0
44	7.2	12.4	18.6#

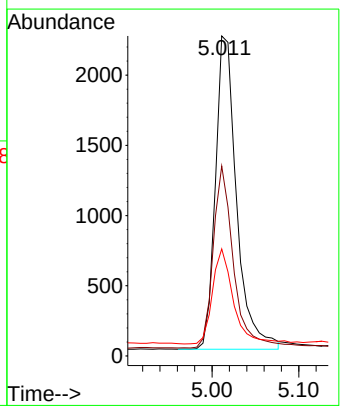


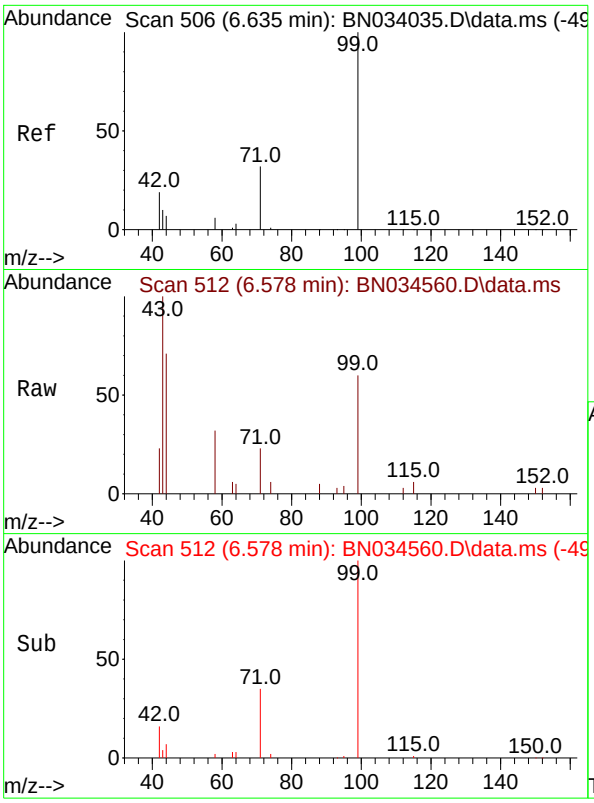


#4
2-Fluorophenol
Concen: 0.321 ng
RT: 5.011 min Scan# 295
Delta R.T. 0.000 min
Lab File: BN034560.D
Acq: 11 Oct 2024 18:11

Tgt Ion:112 Resp: 3791

Ion	Ratio	Lower	Upper
112	100		
64	55.2	48.6	72.8
63	29.8	25.6	38.4



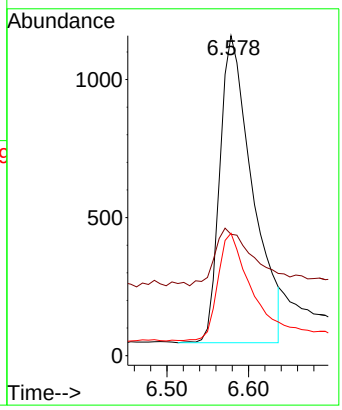


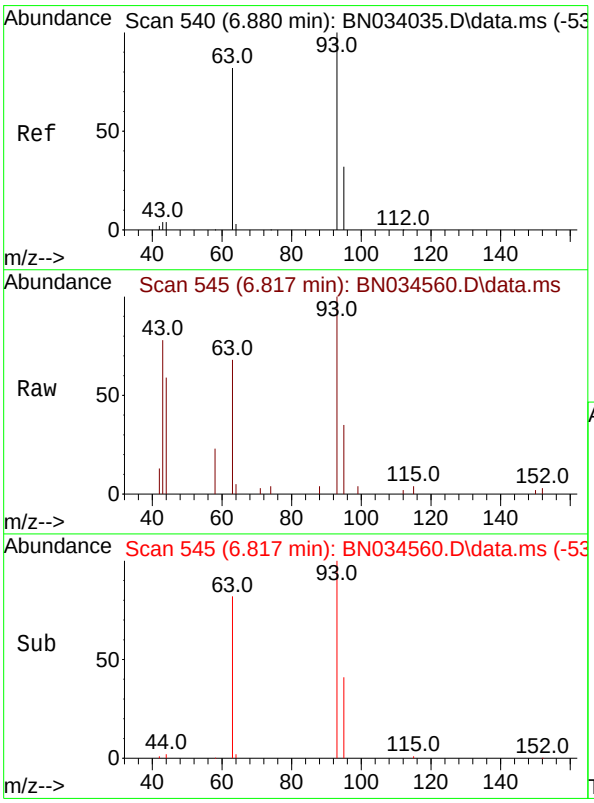
#5
Phenol-d6
Concen: 0.225 ng
RT: 6.578 min Scan# 5
Delta R.T. 0.007 min
Lab File: BN034560.D
Acq: 11 Oct 2024 18:11

Instrument :
BNA_N
ClientSampleId :
PB164072BSD

Tgt Ion: 99 Resp: 3087

Ion	Ratio	Lower	Upper
99	100		
42	21.3	17.8	26.8
71	35.4	26.2	39.2

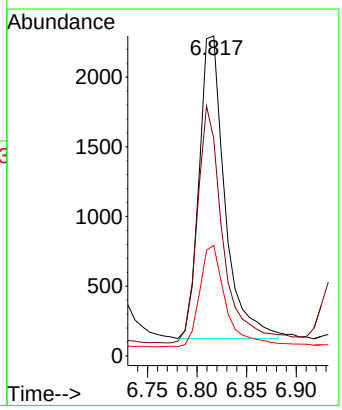


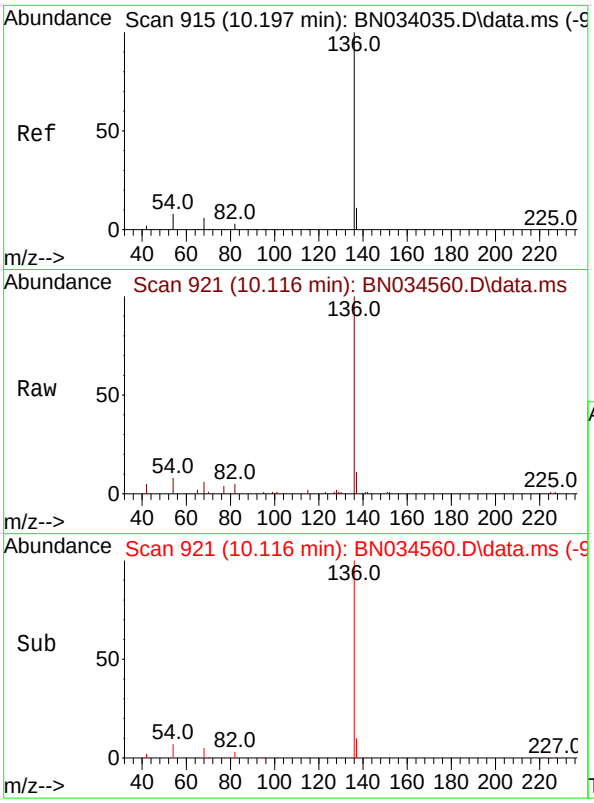


#6
bis(2-Chloroethyl)ether
Concen: 0.322 ng
RT: 6.817 min Scan# 545
Delta R.T. 0.000 min
Lab File: BN034560.D
Acq: 11 Oct 2024 18:11

Tgt Ion: 93 Resp: 3916

Ion	Ratio	Lower	Upper
93	100		
63	77.3	67.3	100.9
95	34.3	26.8	40.2



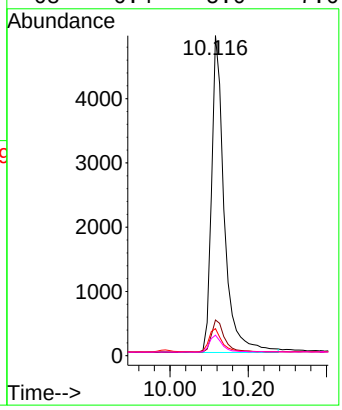


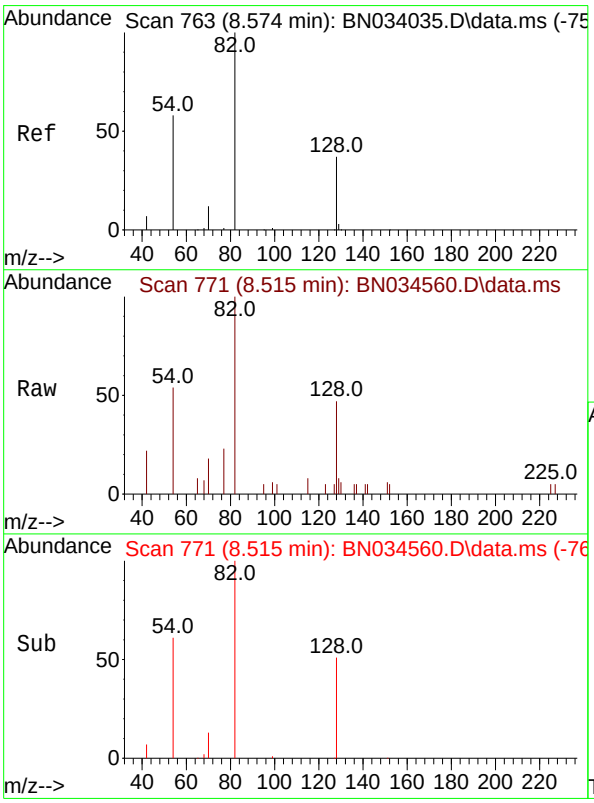
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.116 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN034560.D
Acq: 11 Oct 2024 18:11

Instrument :
BNA_N
ClientSampleId :
PB164072BSD

Tgt Ion:136 Resp: 11135

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	8.5	6.8	10.2
68	6.4	5.0	7.6

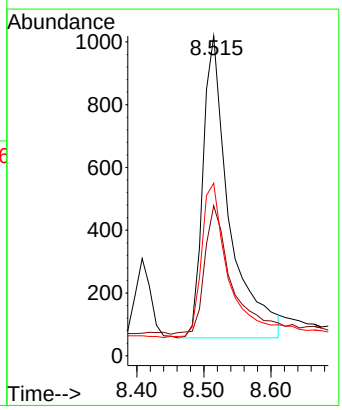


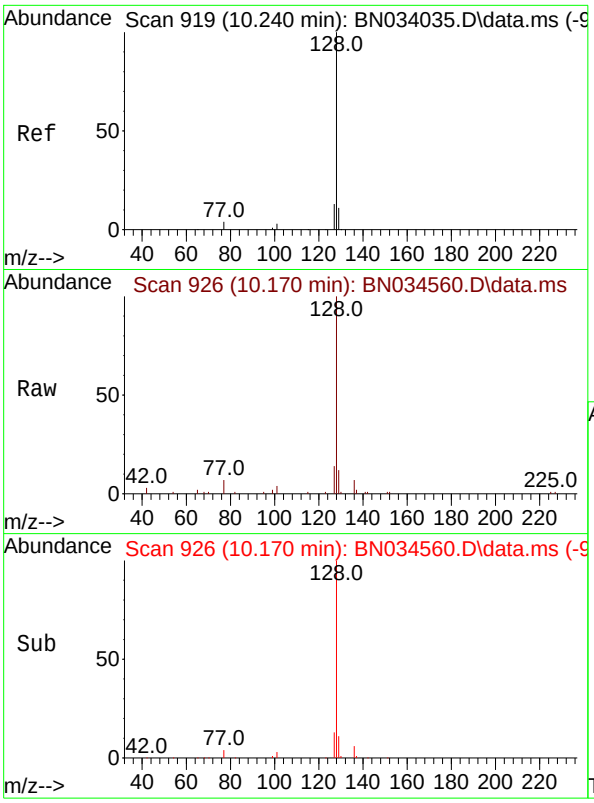


#8
Nitrobenzene-d5
Concen: 0.308 ng
RT: 8.515 min Scan# 771
Delta R.T. 0.000 min
Lab File: BN034560.D
Acq: 11 Oct 2024 18:11

Tgt Ion: 82 Resp: 2626

Ion	Ratio	Lower	Upper
82	100		
128	46.9	31.4	47.2
54	54.0	47.4	71.0



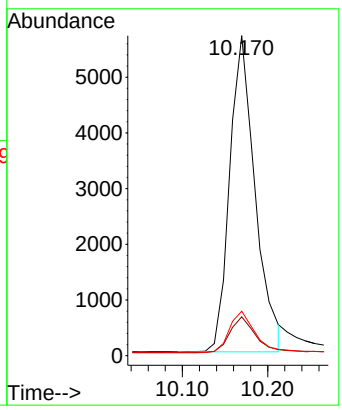


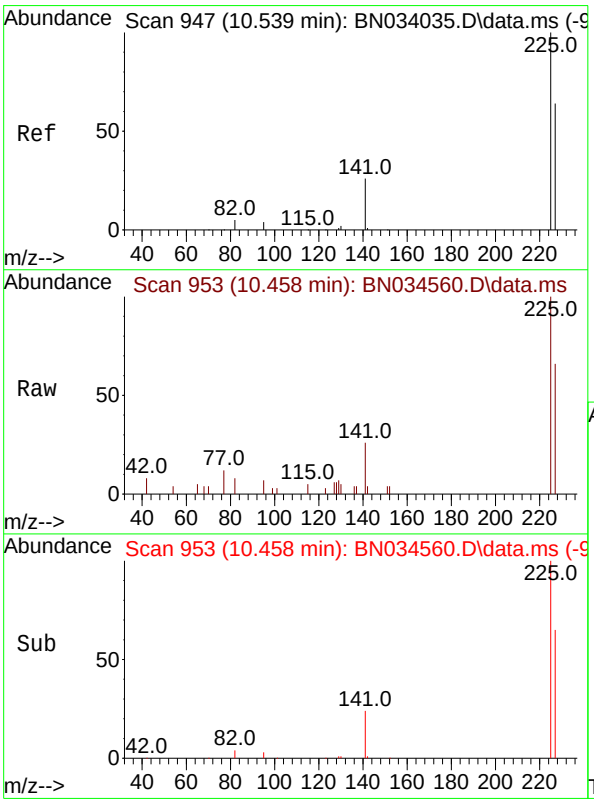
#9
Naphthalene
Concen: 0.385 ng
RT: 10.170 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN034560.D
Acq: 11 Oct 2024 18:11

Instrument :
BNA_N
ClientSampleId :
PB164072BSD

Tgt Ion:128 Resp: 11753

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.2	13.8
127	13.9	10.7	16.1

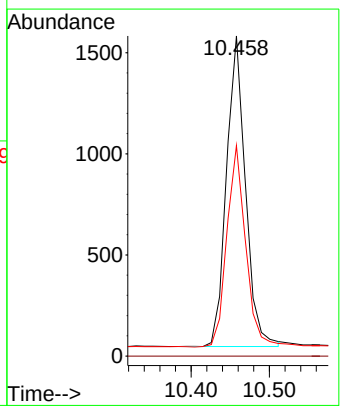


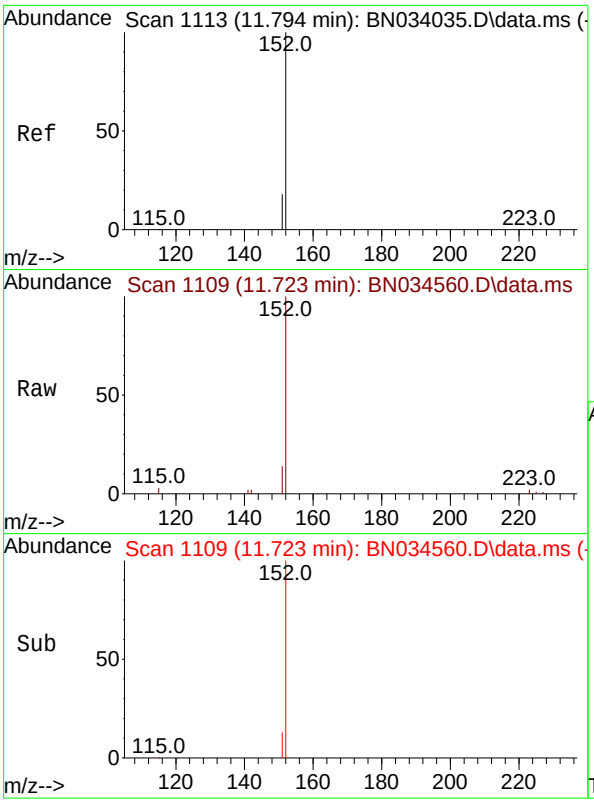


#10
Hexachlorobutadiene
Concen: 0.450 ng
RT: 10.458 min Scan# 953
Delta R.T. -0.011 min
Lab File: BN034560.D
Acq: 11 Oct 2024 18:11

Tgt Ion:225 Resp: 2591

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.3	50.5	75.7



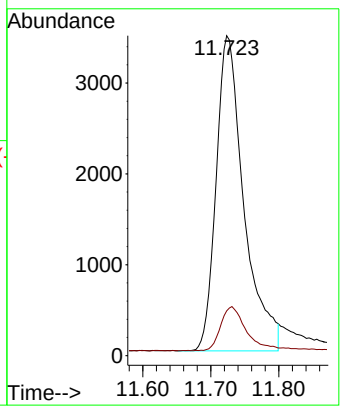


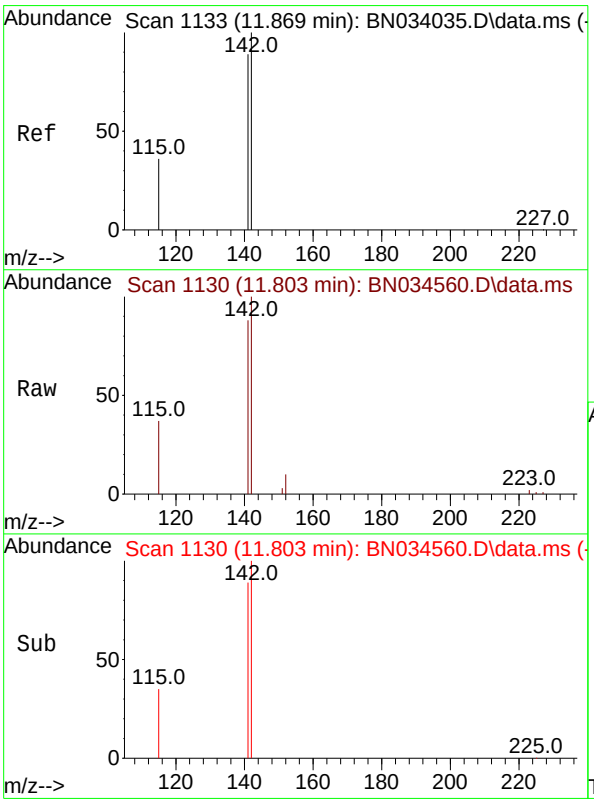
#11
2-Methylnaphthalene-d10
Concen: 0.596 ng
RT: 11.723 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN034560.D
Acq: 11 Oct 2024 18:11

Instrument :
BNA_N
ClientSampleId :
PB164072BSD

Tgt Ion:152 Resp: 9807

Ion	Ratio	Lower	Upper
152	100		
151	12.8	16.8	25.2#

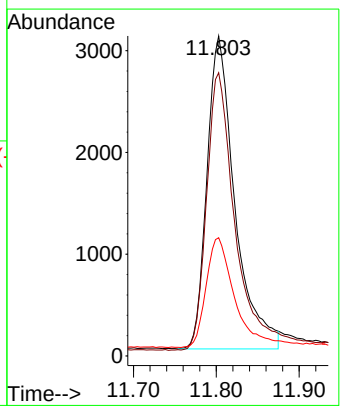


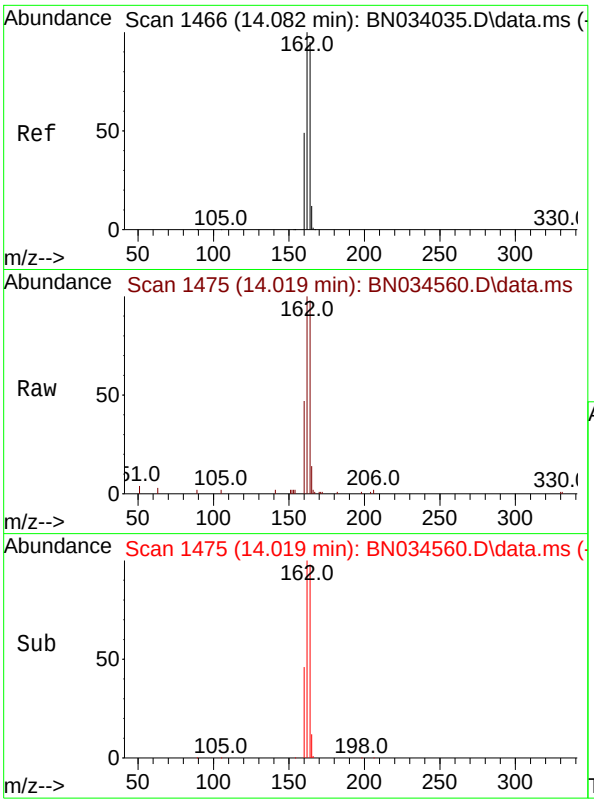


#12
2-Methylnaphthalene
Concen: 0.362 ng
RT: 11.803 min Scan# 1130
Delta R.T. 0.000 min
Lab File: BN034560.D
Acq: 11 Oct 2024 18:11

Tgt Ion:142 Resp: 7194

Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.6	107.4
115	37.0	30.0	45.0



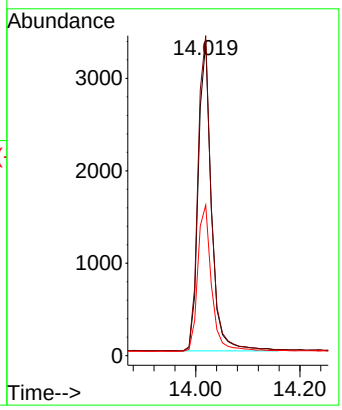


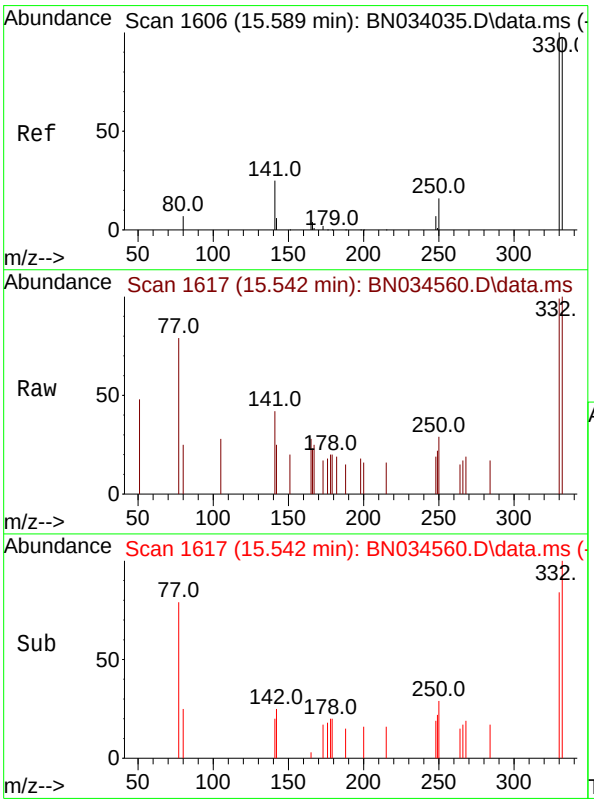
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.019 min Scan# 14
Delta R.T. 0.004 min
Lab File: BN034560.D
Acq: 11 Oct 2024 18:11

Instrument :
BNA_N
ClientSampleId :
PB164072BSD

Tgt Ion:164 Resp: 5901

Ion	Ratio	Lower	Upper
164	100		
162	101.9	84.2	126.2
160	47.9	41.7	62.5

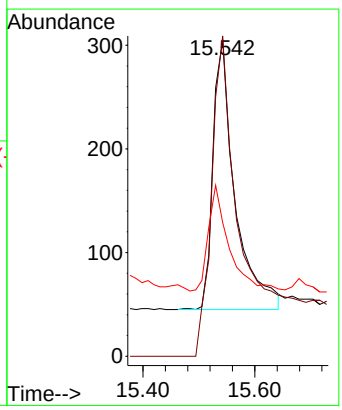


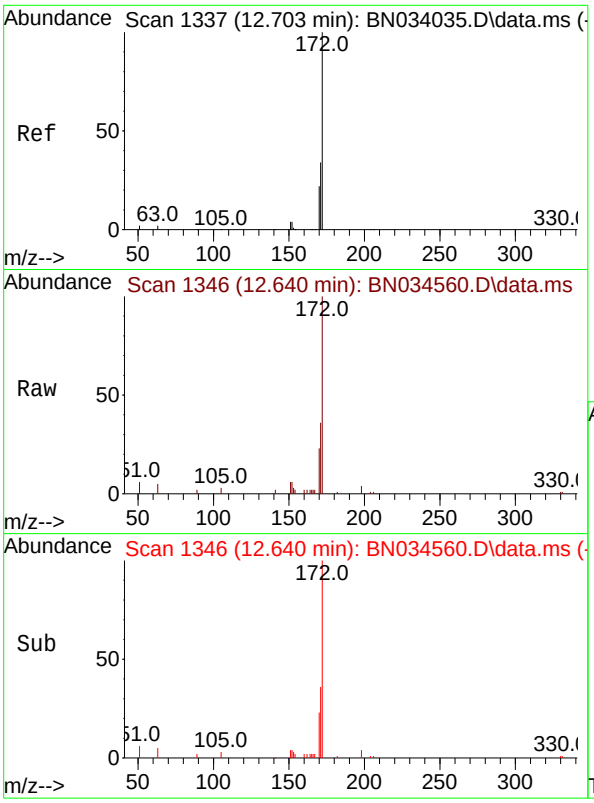


#14
2,4,6-Tribromophenol
Concen: 0.257 ng
RT: 15.542 min Scan# 1617
Delta R.T. 0.006 min
Lab File: BN034560.D
Acq: 11 Oct 2024 18:11

Tgt Ion:330 Resp: 688

Ion	Ratio	Lower	Upper
330	100		
332	156.1	77.4	116.0#
141	36.9	35.9	53.9



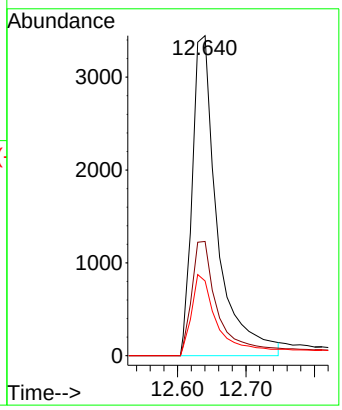


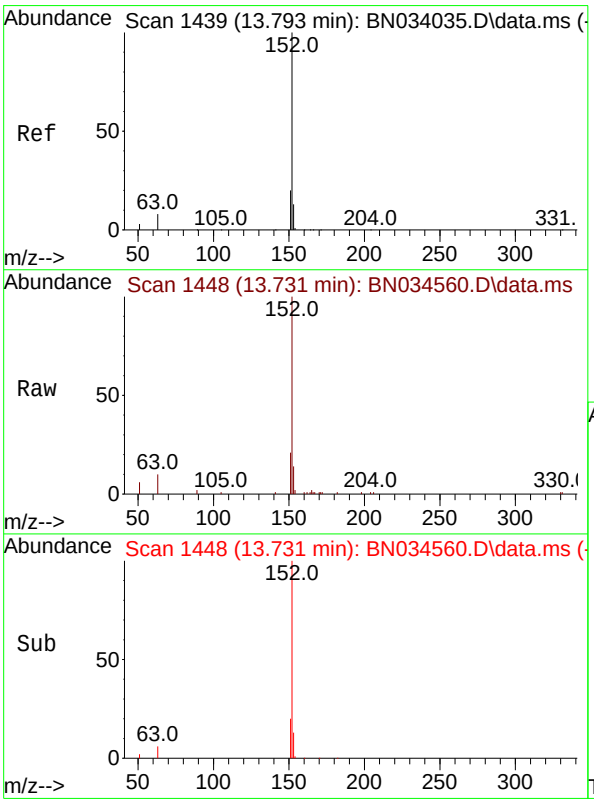
#15
2-Fluorobiphenyl
Concen: 0.337 ng
RT: 12.640 min Scan# 1
Delta R.T. 0.004 min
Lab File: BN034560.D
Acq: 11 Oct 2024 18:11

Instrument :
BNA_N
ClientSampleId :
PB164072BSD

Tgt Ion:172 Resp: 8100

Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.3	40.9
170	23.4	18.1	27.1

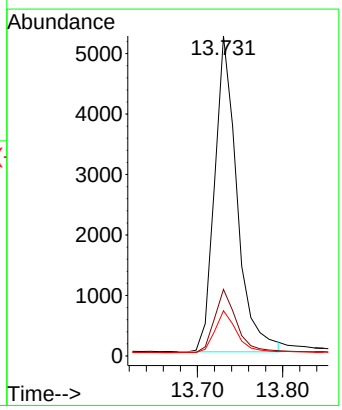


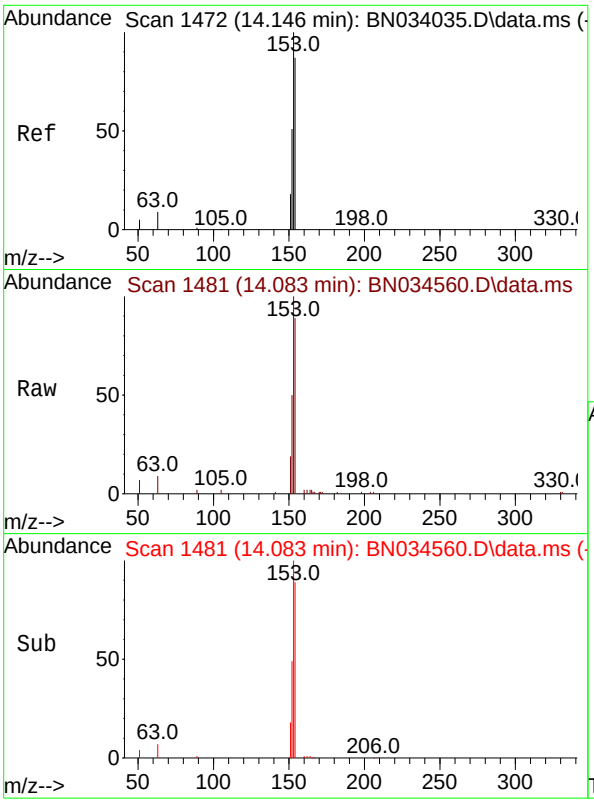


#16
Acenaphthylene
Concen: 0.377 ng
RT: 13.731 min Scan# 1448
Delta R.T. -0.007 min
Lab File: BN034560.D
Acq: 11 Oct 2024 18:11

Tgt Ion:152 Resp: 9535

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.6	23.4
153	13.1	10.3	15.5



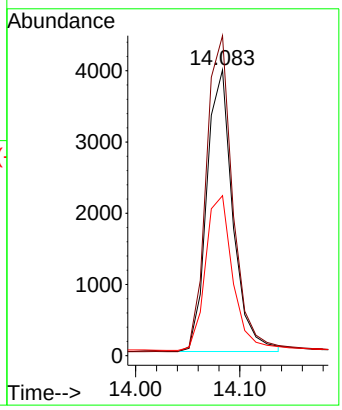


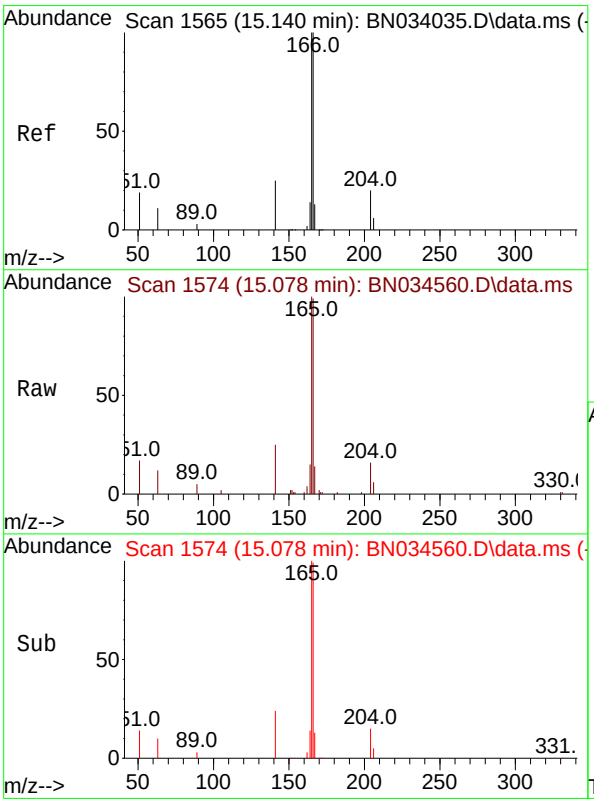
#17
Acenaphthene
Concen: 0.381 ng
RT: 14.083 min Scan# 14
Delta R.T. 0.004 min
Lab File: BN034560.D
Acq: 11 Oct 2024 18:11

Instrument :
BNA_N
ClientSampleId :
PB164072BSD

Tgt Ion:154 Resp: 6896

Ion	Ratio	Lower	Upper
154	100		
153	114.3	91.6	137.4
152	57.5	47.4	71.2

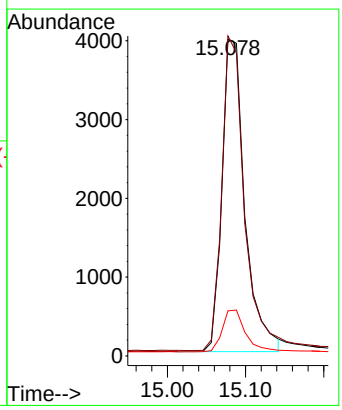


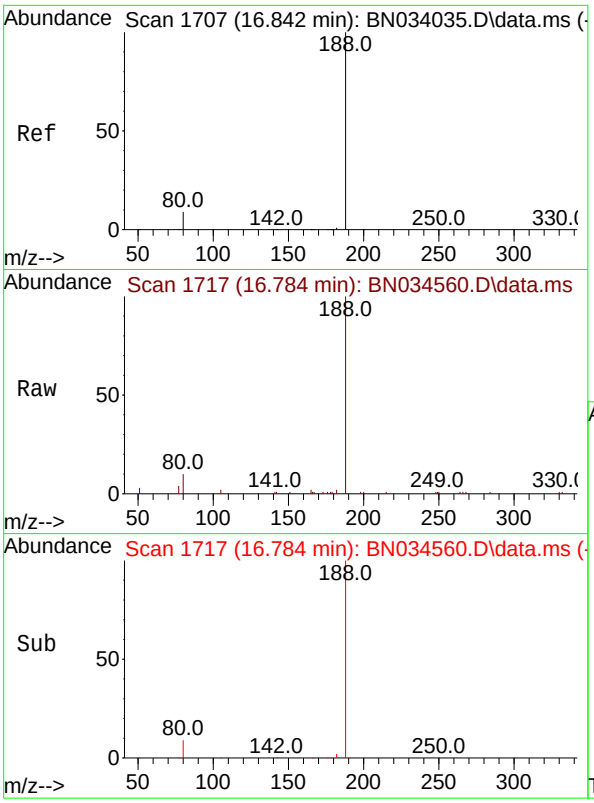


#18
Fluorene
Concen: 0.339 ng
RT: 15.078 min Scan# 1574
Delta R.T. -0.007 min
Lab File: BN034560.D
Acq: 11 Oct 2024 18:11

Tgt Ion:166 Resp: 8071

Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.1	118.7
167	13.6	10.6	15.8



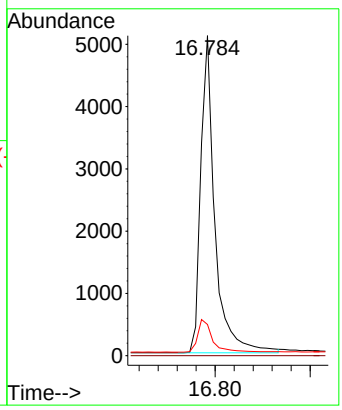


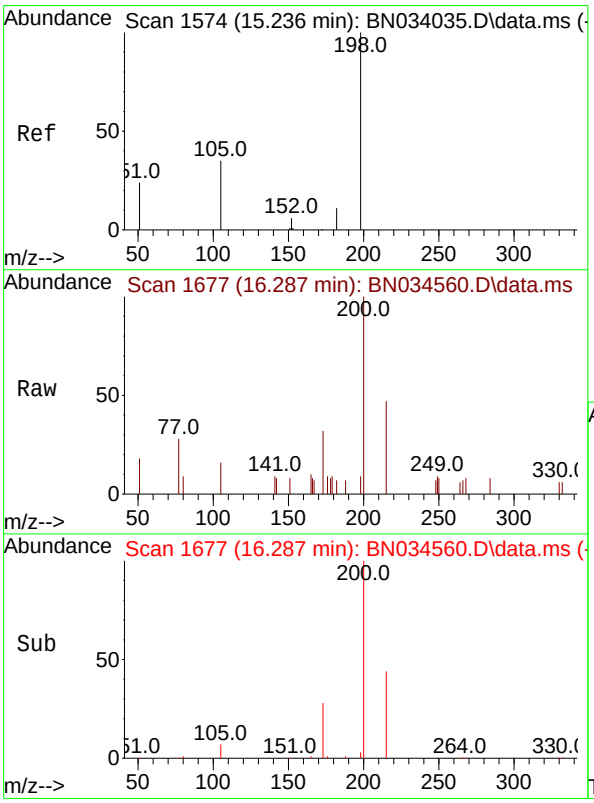
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.784 min Scan# 1
Delta R.T. 0.006 min
Lab File: BN034560.D
Acq: 11 Oct 2024 18:11

Instrument :
BNA_N
ClientSampleId :
PB164072BSD

Tgt Ion:188 Resp: 10531

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.8	7.4	11.0

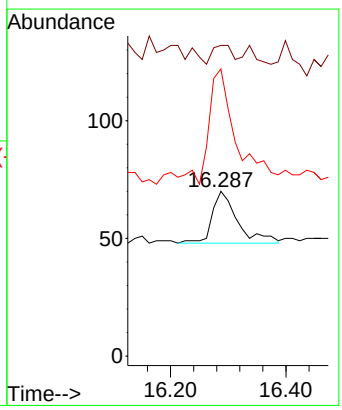


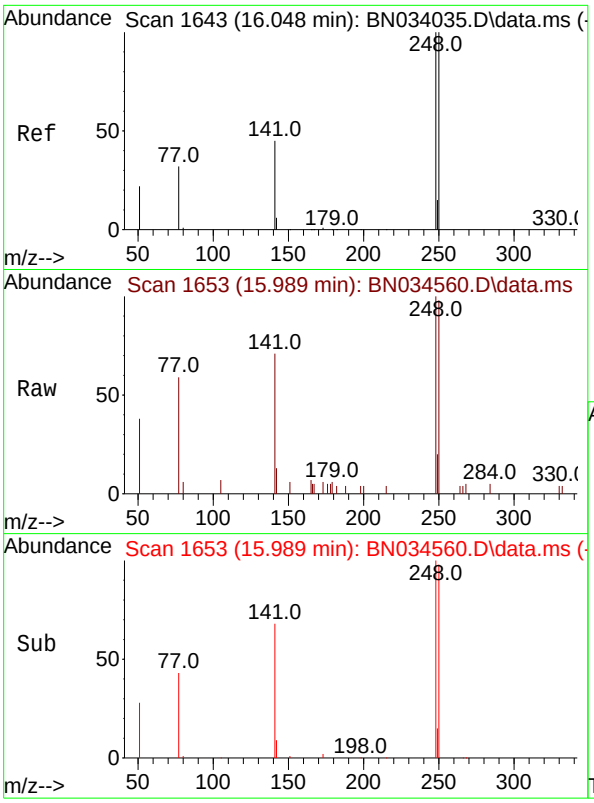


#20
4,6-Dinitro-2-methylphenol
Concen: 0.172 ng
RT: 16.287 min Scan# 1677
Delta R.T. 0.006 min
Lab File: BN034560.D
Acq: 11 Oct 2024 18:11

Tgt Ion:198 Resp: 67

Ion	Ratio	Lower	Upper
198	100		
51	188.6	106.4	159.6#
105	174.3	38.5	57.7#



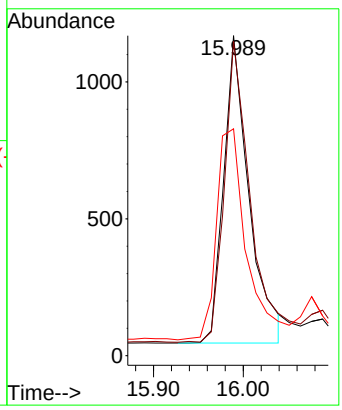


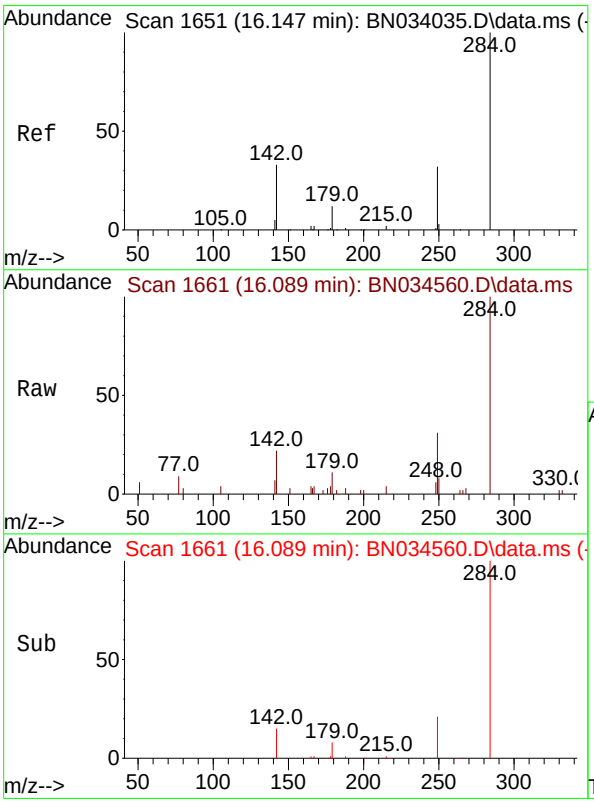
#21
4-Bromophenyl-phenylether
Concen: 0.372 ng
RT: 15.989 min Scan# 1(
Delta R.T. 0.006 min
Lab File: BN034560.D
Acq: 11 Oct 2024 18:11

Instrument :
BNA_N
ClientSampleId :
PB164072BSD

Tgt Ion:248 Resp: 2205

Ion	Ratio	Lower	Upper
248	100		
250	98.4	80.5	120.7
141	70.9	37.1	55.7#

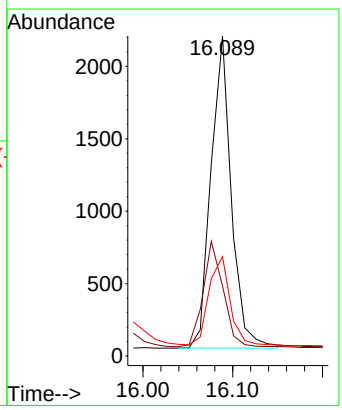


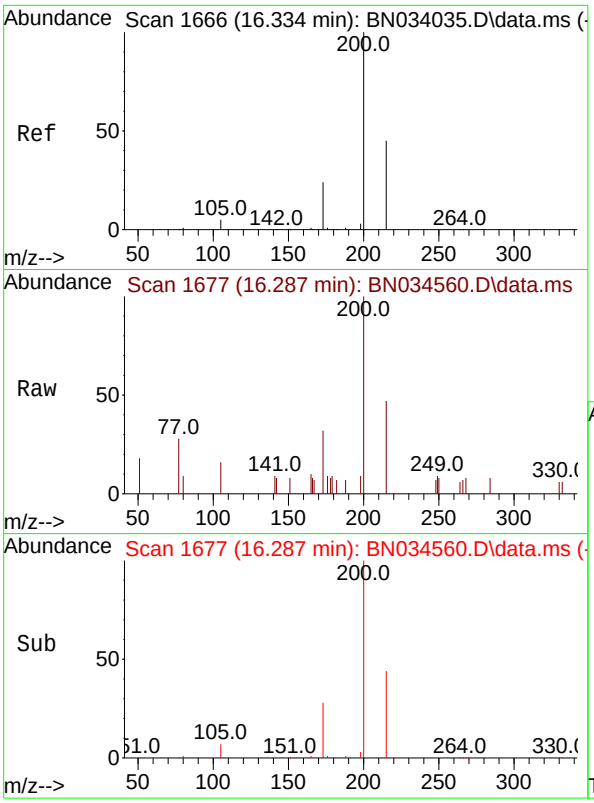


#22
Hexachlorobenzene
Concen: 0.514 ng
RT: 16.089 min Scan# 1661
Delta R.T. -0.007 min
Lab File: BN034560.D
Acq: 11 Oct 2024 18:11

Tgt Ion:284 Resp: 3410

Ion	Ratio	Lower	Upper
284	100		
142	33.1	34.5	51.7#
249	28.9	25.8	38.6



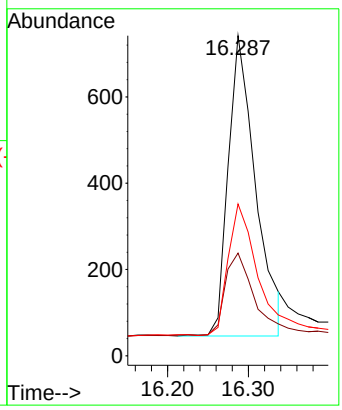


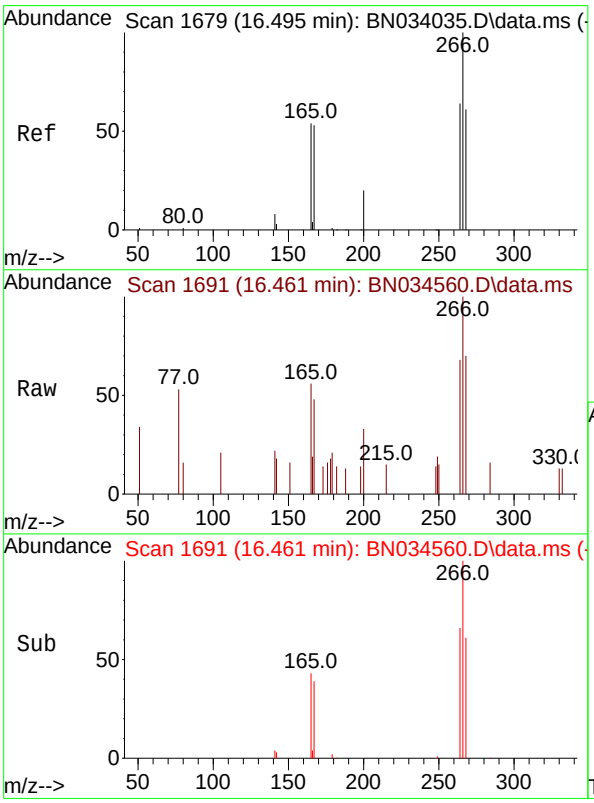
#23
Atrazine
Concen: 0.334 ng
RT: 16.287 min Scan# 1
Delta R.T. 0.006 min
Lab File: BN034560.D
Acq: 11 Oct 2024 18:11

Instrument :
BNA_N
ClientSampleId :
PB164072BSD

Tgt Ion:200 Resp: 1638

Ion	Ratio	Lower	Upper
200	100		
173	32.1	20.1	30.1#
215	47.4	37.0	55.6

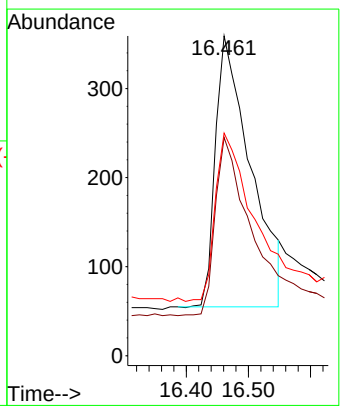


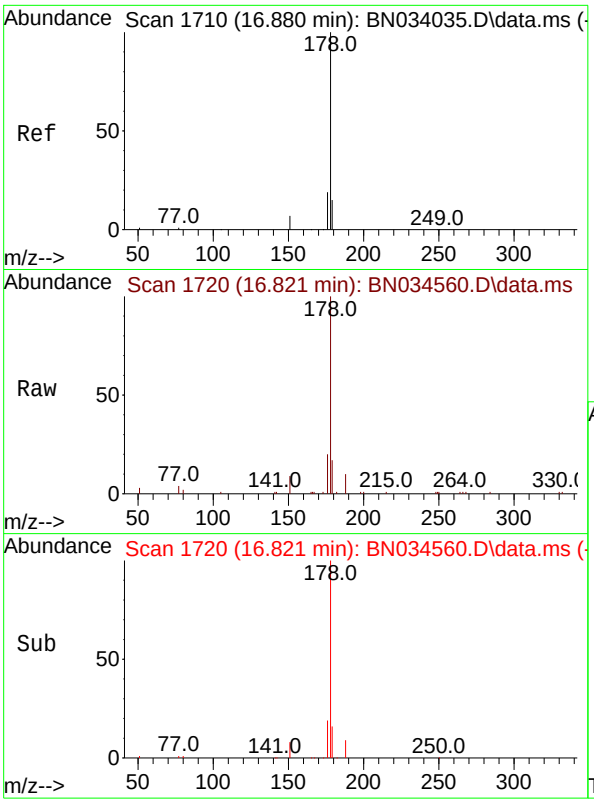


#24
Pentachlorophenol
Concen: 0.545 ng
RT: 16.461 min Scan# 1691
Delta R.T. 0.018 min
Lab File: BN034560.D
Acq: 11 Oct 2024 18:11

Tgt Ion:266 Resp: 1197

Ion	Ratio	Lower	Upper
266	100		
264	64.7	50.2	75.2
268	65.3	51.0	76.4



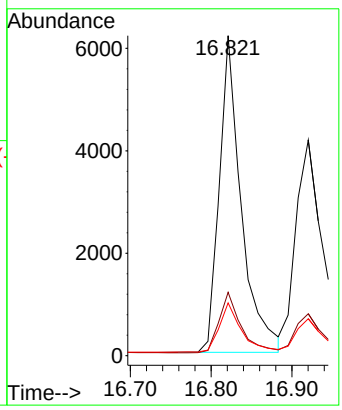


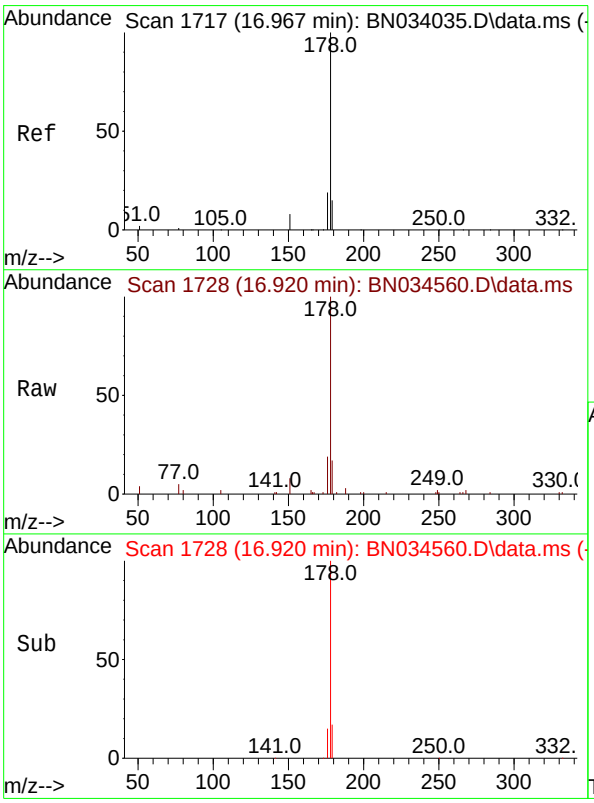
#25
Phenanthrene
Concen: 0.387 ng
RT: 16.821 min Scan# 1
Delta R.T. -0.007 min
Lab File: BN034560.D
Acq: 11 Oct 2024 18:11

Instrument :
BNA_N
ClientSampleId :
PB164072BSD

Tgt Ion:178 Resp: 11713

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.6	12.1	18.1

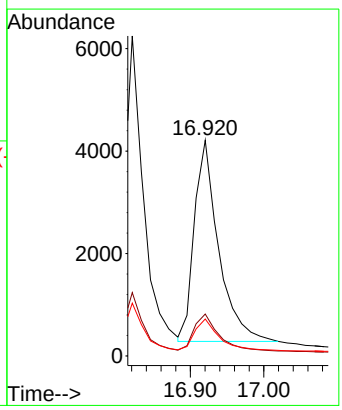


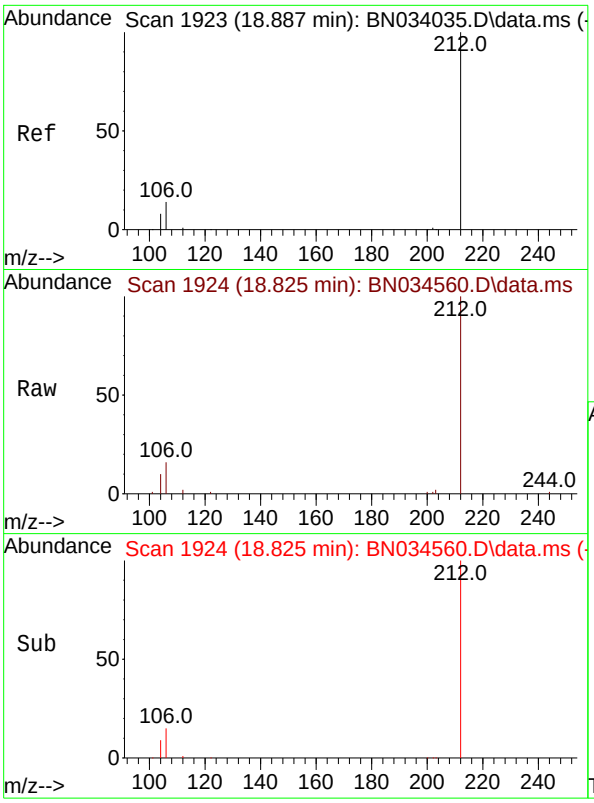


#26
Anthracene
Concen: 0.365 ng
RT: 16.920 min Scan# 1728
Delta R.T. 0.006 min
Lab File: BN034560.D
Acq: 11 Oct 2024 18:11

Tgt Ion:178 Resp: 9013

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.6
179	15.4	12.2	18.4



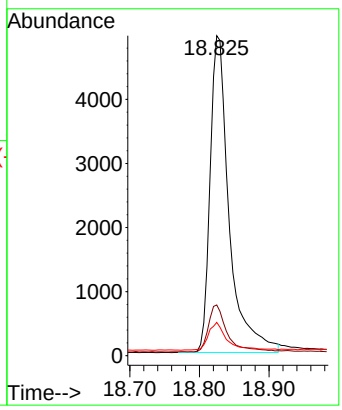


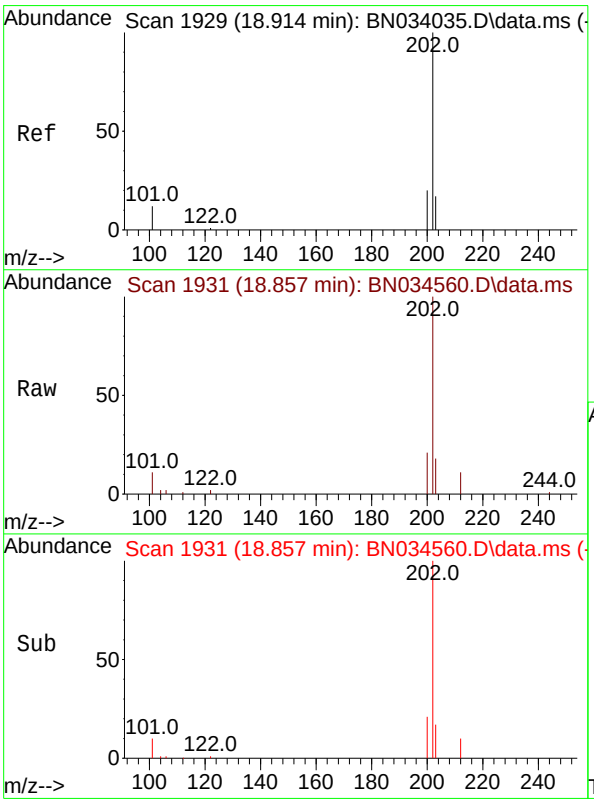
#27
Fluoranthene-d10
Concen: 0.354 ng
RT: 18.825 min Scan# 1
Delta R.T. -0.002 min
Lab File: BN034560.D
Acq: 11 Oct 2024 18:11

Instrument :
BNA_N
ClientSampleId :
PB164072BSD

Tgt Ion:212 Resp: 9416

Ion	Ratio	Lower	Upper
212	100		
106	14.4	13.4	20.2
104	8.7	7.8	11.6

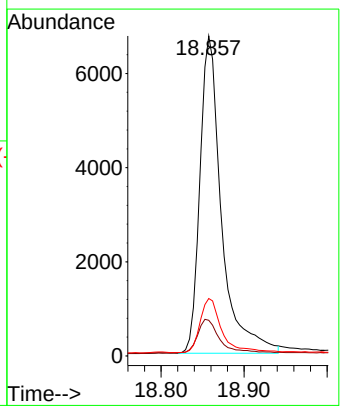


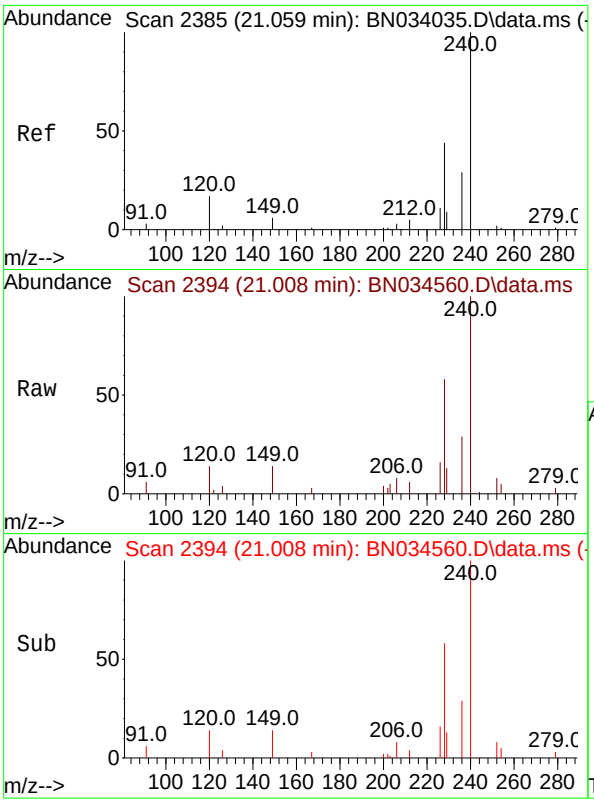


#28
Fluoranthene
Concen: 0.349 ng
RT: 18.857 min Scan# 1931
Delta R.T. 0.002 min
Lab File: BN034560.D
Acq: 11 Oct 2024 18:11

Tgt Ion:202 Resp: 12224

Ion	Ratio	Lower	Upper
202	100		
101	10.7	10.1	15.1
203	17.0	13.6	20.4



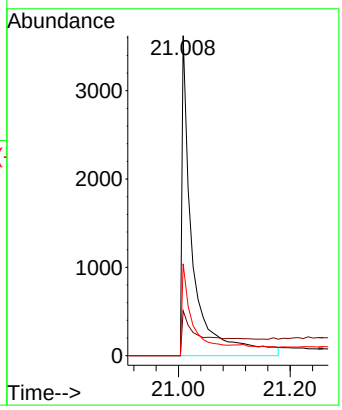


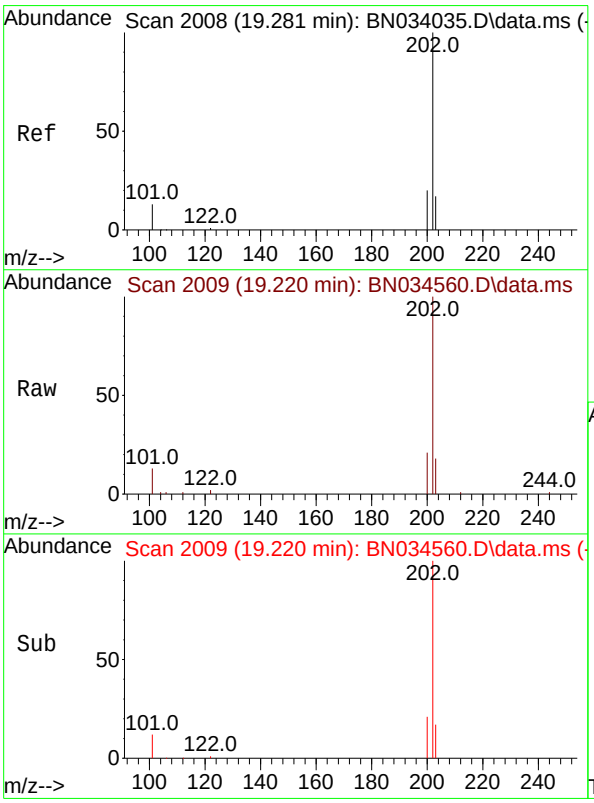
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.008 min Scan# 2
Delta R.T. 0.002 min
Lab File: BN034560.D
Acq: 11 Oct 2024 18:11

Instrument :
BNA_N
ClientSampleId :
PB164072BSD

Tgt Ion:240 Resp: 5060

Ion	Ratio	Lower	Upper
240	100		
120	14.0	13.5	20.3
236	28.7	23.4	35.0

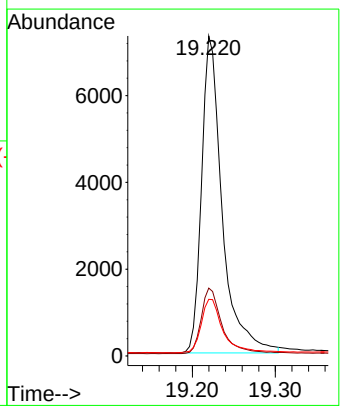


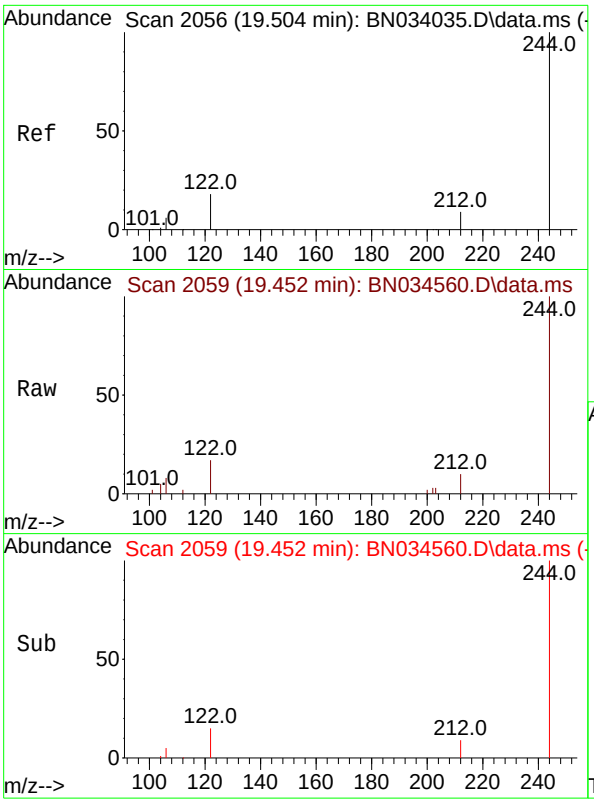


#30
Pyrene
Concen: 0.592 ng
RT: 19.220 min Scan# 2009
Delta R.T. -0.002 min
Lab File: BN034560.D
Acq: 11 Oct 2024 18:11

Tgt Ion:202 Resp: 12652

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	17.8	14.3	21.5



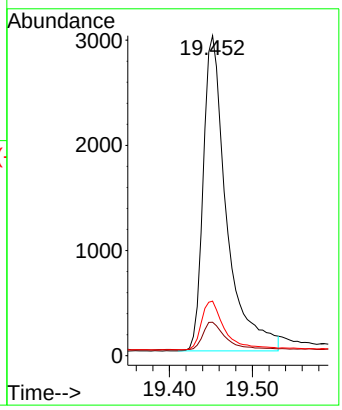


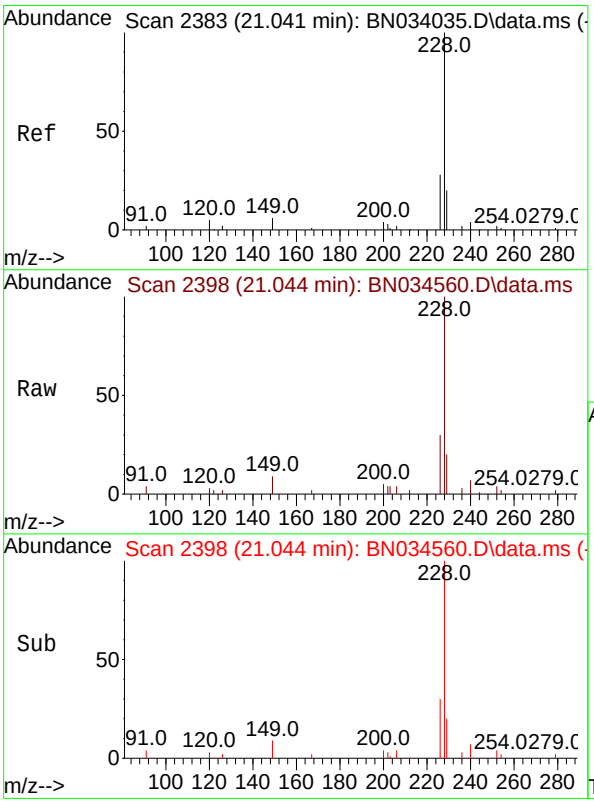
#31
Terphenyl-d14
Concen: 0.582 ng
RT: 19.452 min Scan# 2
Delta R.T. 0.002 min
Lab File: BN034560.D
Acq: 11 Oct 2024 18:11

Instrument :
BNA_N
ClientSampleId :
PB164072BSD

Tgt Ion:244 Resp: 5878

Ion	Ratio	Lower	Upper
244	100		
212	10.5	7.8	11.6
122	17.1	14.8	22.2

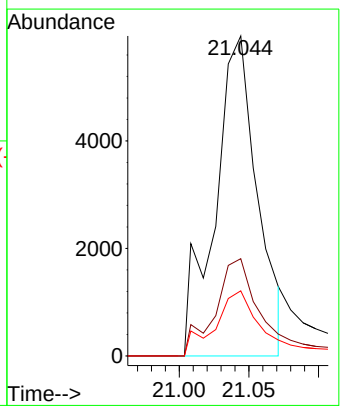


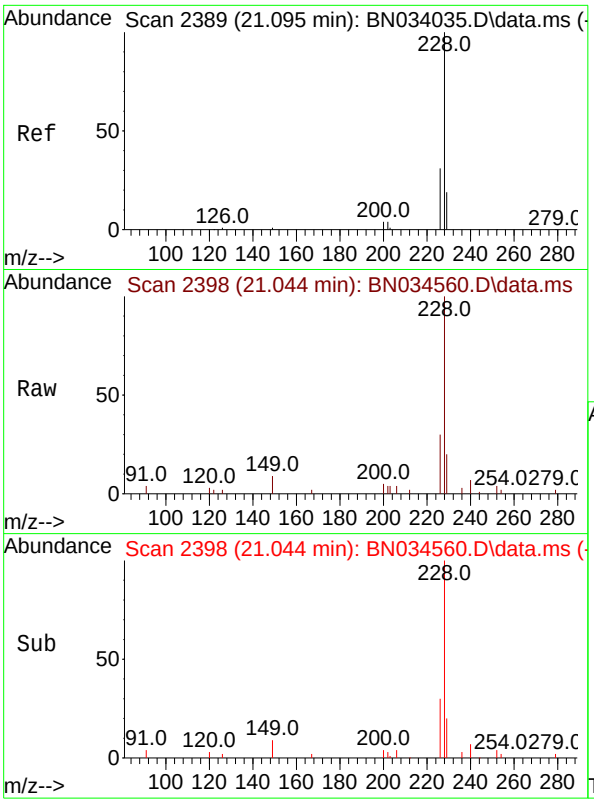


#32
Benzo(a)anthracene
Concen: 0.723 ng
RT: 21.044 min Scan# 2398
Delta R.T. 0.038 min
Lab File: BN034560.D
Acq: 11 Oct 2024 18:11

Tgt Ion:228 Resp: 11576

Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.3	33.5
229	20.3	15.7	23.5



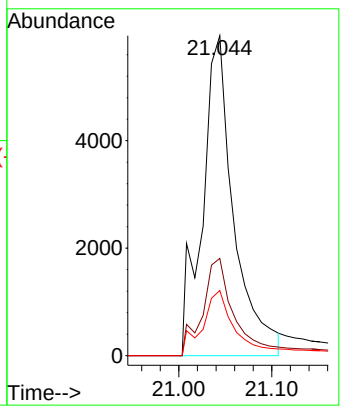


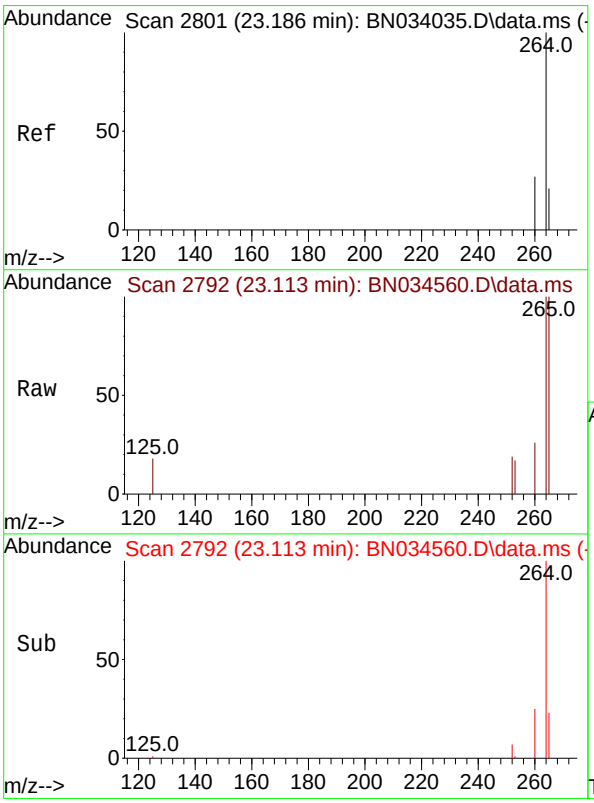
#33
Chrysene
Concen: 0.691 ng
RT: 21.044 min Scan# 2
Delta R.T. 0.002 min
Lab File: BN034560.D
Acq: 11 Oct 2024 18:11

Instrument :
BNA_N
ClientSampleId :
PB164072BSD

Tgt Ion:228 Resp: 13195

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.6	37.0
229	20.3	15.5	23.3

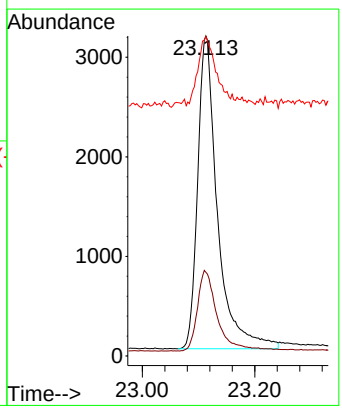


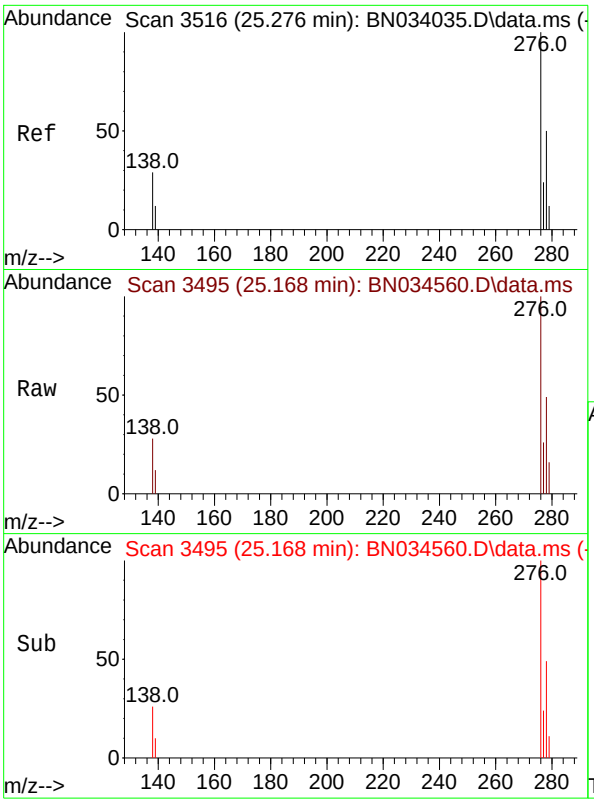


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.113 min Scan# 2792
Delta R.T. -0.001 min
Lab File: BN034560.D
Acq: 11 Oct 2024 18:11

Tgt Ion:264 Resp: 7684

Ion	Ratio	Lower	Upper
264	100		
260	26.2	21.7	32.5
265	99.8	52.1	78.1#



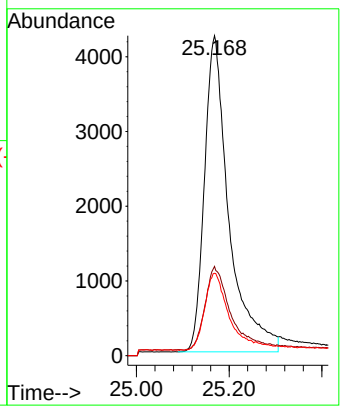


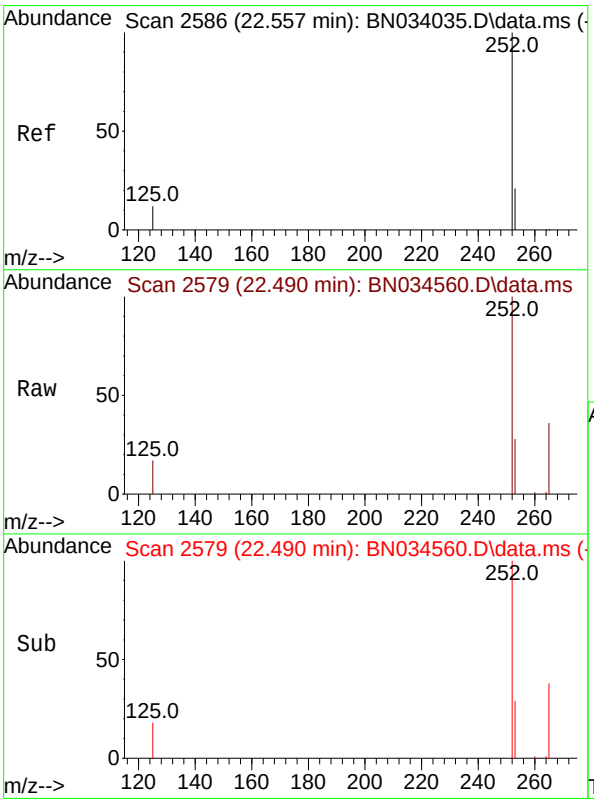
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.472 ng
RT: 25.168 min Scan# 3
Delta R.T. -0.001 min
Lab File: BN034560.D
Acq: 11 Oct 2024 18:11

Instrument :
BNA_N
ClientSampleId :
PB164072BSD

Tgt Ion:276 Resp: 15534

Ion	Ratio	Lower	Upper
276	100		
138	27.5	25.9	38.9
277	23.5	19.7	29.5

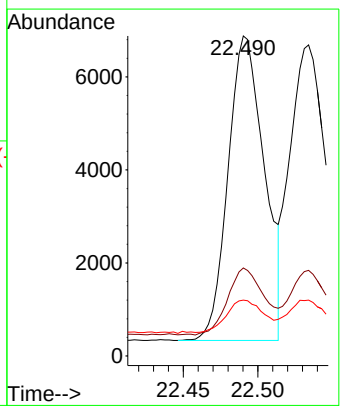


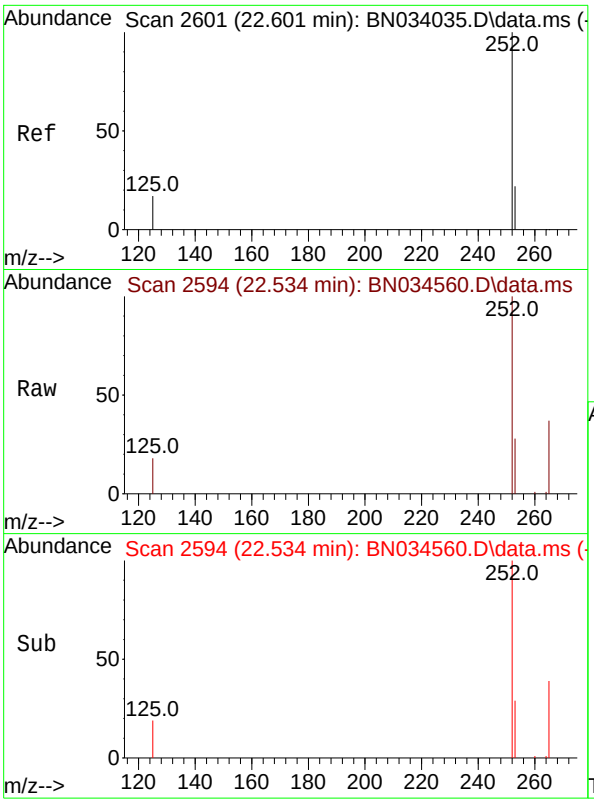


#37
Benzo(b)fluoranthene
Concen: 0.368 ng
RT: 22.490 min Scan# 2579
Delta R.T. -0.004 min
Lab File: BN034560.D
Acq: 11 Oct 2024 18:11

Tgt Ion:252 Resp: 11090

Ion	Ratio	Lower	Upper
252	100		
253	27.5	19.6	29.4
125	17.4	13.8	20.8



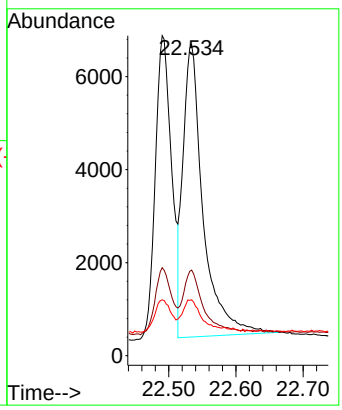


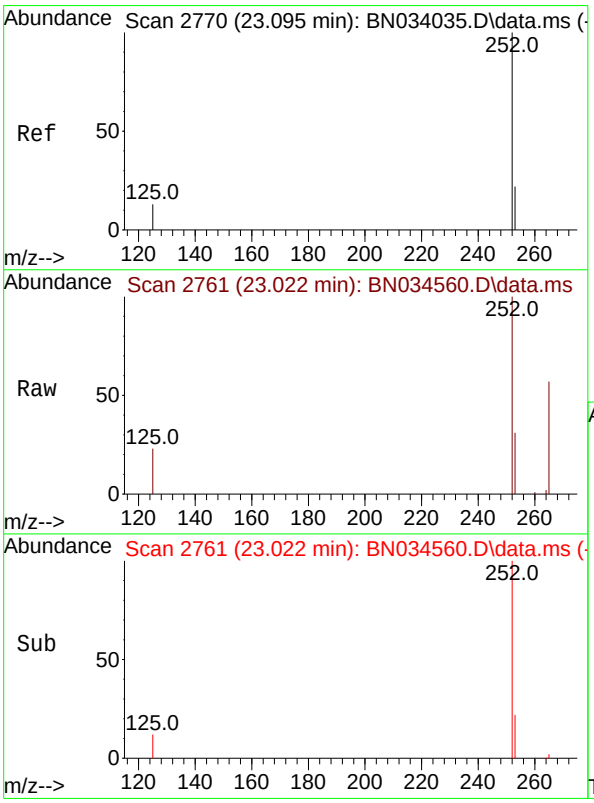
#38
Benzo(k)fluoranthene
Concen: 0.413 ng
RT: 22.534 min Scan# 2
Delta R.T. -0.001 min
Lab File: BN034560.D
Acq: 11 Oct 2024 18:11

Instrument :
BNA_N
ClientSampleId :
PB164072BSD

Tgt Ion:252 Resp: 13063

Ion	Ratio	Lower	Upper
252	100		
253	27.5	20.1	30.1
125	18.0	16.8	25.2

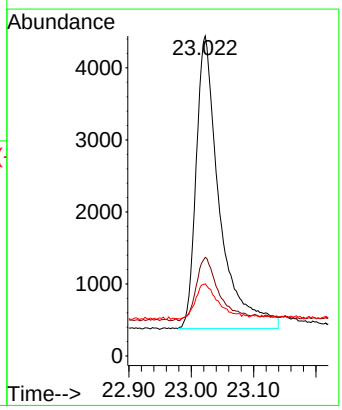


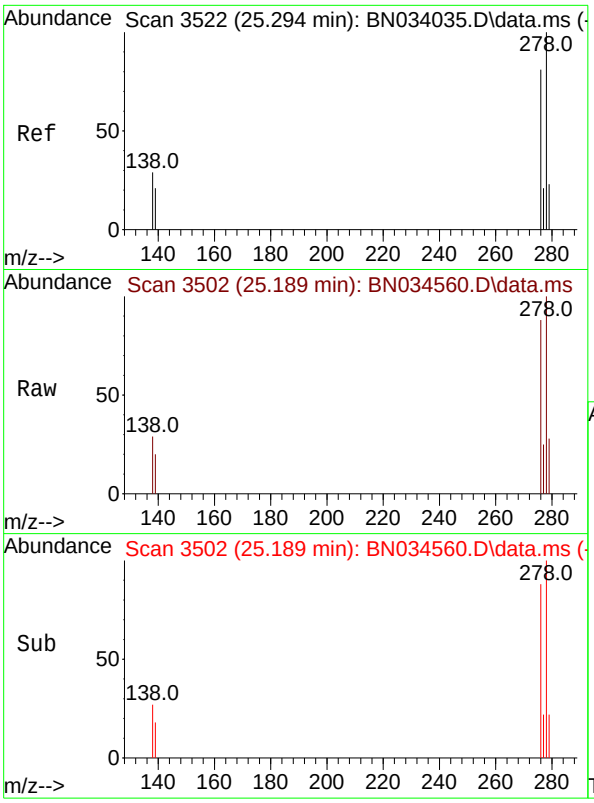


#39
Benzo(a)pyrene
Concen: 0.430 ng
RT: 23.022 min Scan# 2761
Delta R.T. -0.001 min
Lab File: BN034560.D
Acq: 11 Oct 2024 18:11

Tgt Ion:252 Resp: 10557

Ion	Ratio	Lower	Upper
252	100		
253	30.8	21.8	32.8
125	22.6	17.5	26.3



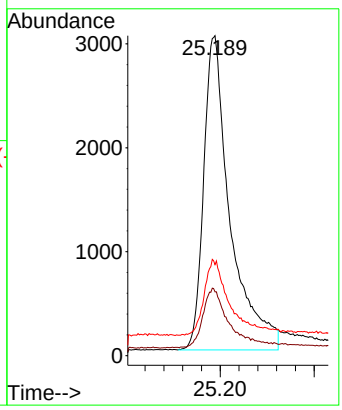


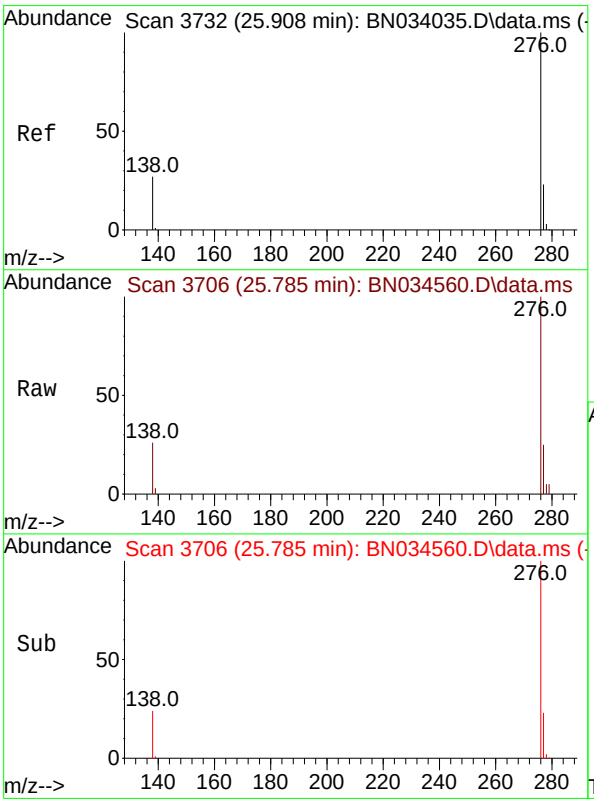
#40
Dibenzo(a,h)anthracene
Concen: 0.463 ng
RT: 25.189 min Scan# 3
Delta R.T. 0.002 min
Lab File: BN034560.D
Acq: 11 Oct 2024 18:11

Instrument :
BNA_N
ClientSampleId :
PB164072BSD

Tgt Ion:278 Resp: 11846

Ion	Ratio	Lower	Upper
278	100		
139	19.9	17.8	26.8
279	28.5	21.0	31.6





#41
Benzo(g,h,i)perylene
Concen: 0.477 ng
RT: 25.785 min Scan# 3706
Delta R.T. -0.009 min
Lab File: BN034560.D
Acq: 11 Oct 2024 18:11

Tgt Ion:276 Resp: 13691

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.3	28.9
138	25.6	22.6	34.0