Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111324\
Data File : BN035065.D
Acq On : 13 Nov 2024 14:28
Operator : RC/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Nov 13 16:44:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 16:42:01 2024
Response via : Initial Calibration

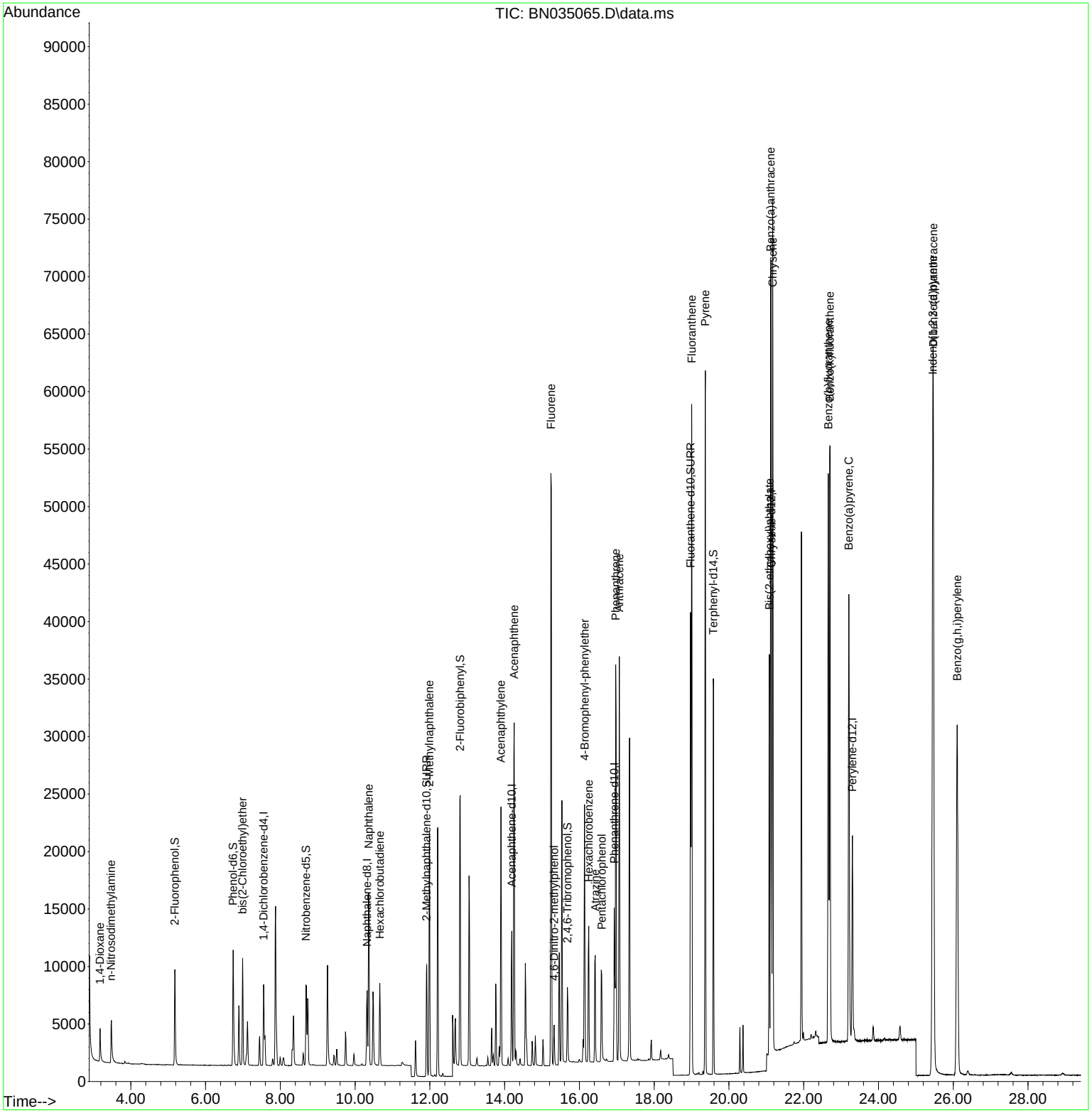
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.553	152	3429	0.400	ng		0.00
7) Naphthalene-d8	10.319	136	8612	0.400	ng		0.00
13) Acenaphthene-d10	14.190	164	6454	0.400	ng		0.00
19) Phenanthrene-d10	16.933	188	17302	0.400	ng	#	0.00
29) Chrysene-d12	21.134	240	19278	0.400	ng	#	0.00
35) Perylene-d12	23.300	264	21751	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.177	112	7450	0.856	ng		0.00
5) Phenol-d6	6.737	99	9293	0.851	ng		0.00
8) Nitrobenzene-d5	8.685	82	6336	0.848	ng		-0.01
11) 2-Methylnaphthalene-d10	11.912	152	13119	0.855	ng		0.00
14) 2,4,6-Tribromophenol	15.679	330	3866	0.831	ng		0.00
15) 2-Fluorobiphenyl	12.811	172	22399	0.855	ng		0.00
27) Fluoranthene-d10	18.973	212	44583	0.841	ng		0.00
31) Terphenyl-d14	19.582	244	34460	0.852	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.177	88	2545	0.817	ng		99
3) n-Nitrosodimethylamine	3.473	42	2466	0.853	ng	#	96
6) bis(2-Chloroethyl)ether	6.990	93	7043	0.860	ng		99
9) Naphthalene	10.362	128	19223	0.855	ng		98
10) Hexachlorobutadiene	10.661	225	5612	0.851	ng	#	100
12) 2-Methylnaphthalene	11.988	142	14179	0.855	ng		99
16) Acenaphthylene	13.902	152	23520	0.853	ng		99
17) Acenaphthene	14.254	154	15511	0.858	ng		99
18) Fluorene	15.238	166	22649	0.852	ng		99
20) 4,6-Dinitro-2-methylph...	15.323	198	3013	0.837	ng	#	87
21) 4-Bromophenyl-phenylether	16.138	248	9403	0.853	ng	#	85
22) Hexachlorobenzene	16.250	284	9574	0.837	ng		99
23) Atrazine	16.424	200	8427	0.852	ng	#	92
24) Pentachlorophenol	16.597	266	4494	0.841	ng		98
25) Phenanthrene	16.970	178	38573	0.847	ng		99
26) Anthracene	17.069	178	35437	0.847	ng		100
28) Fluoranthene	19.006	202	53391	0.853	ng		100
30) Pyrene	19.368	202	54892	0.855	ng		100
32) Benzo(a)anthracene	21.116	228	56460	0.841	ng		98
33) Chrysene	21.169	228	57039	0.858	ng		98
34) Bis(2-ethylhexyl)phtha...	21.080	149	29628	0.848	ng		100
36) Indeno(1,2,3-cd)pyrene	25.452	276	75270	0.867	ng		100
37) Benzo(b)fluoranthene	22.657	252	62606	0.855	ng		97
38) Benzo(k)fluoranthene	22.701	252	61702	0.843	ng		96
39) Benzo(a)pyrene	23.206	252	54251	0.842	ng	#	95
40) Dibenzo(a,h)anthracene	25.466	278	59829	0.870	ng		99
41) Benzo(g,h,i)perylene	26.104	276	63167	0.864	ng		98

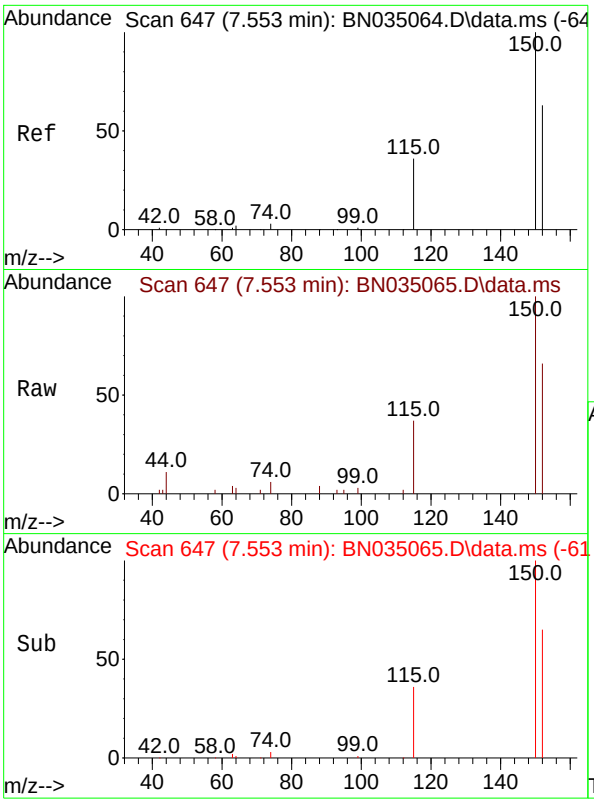
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111324\
Data File : BN035065.D
Acq On : 13 Nov 2024 14:28
Operator : RC/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Nov 13 16:44:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 16:42:01 2024
Response via : Initial Calibration



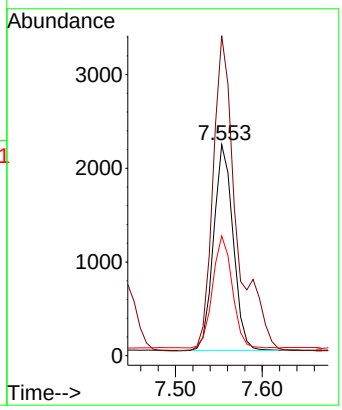


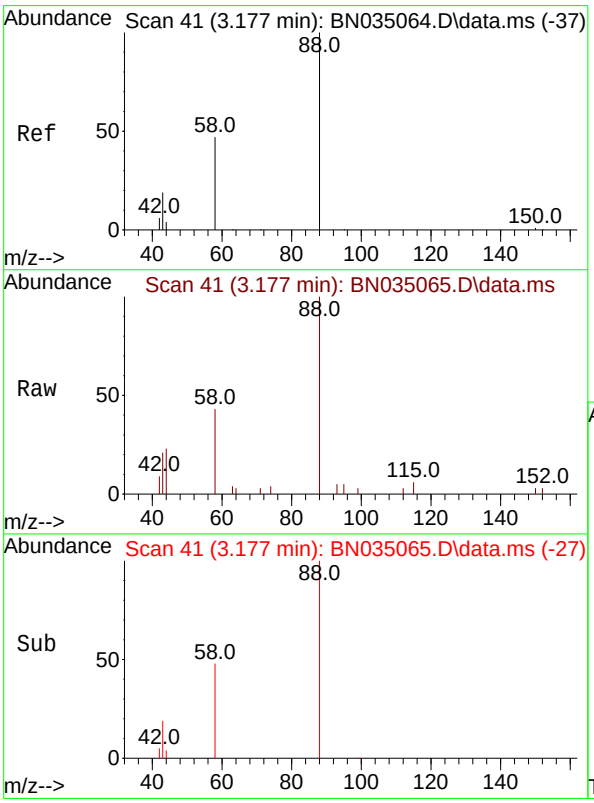
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.553 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN035065.D
Acq: 13 Nov 2024 14:28

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 3429

Ion	Ratio	Lower	Upper
152	100		
150	151.6	124.5	186.7
115	56.8	47.8	71.6

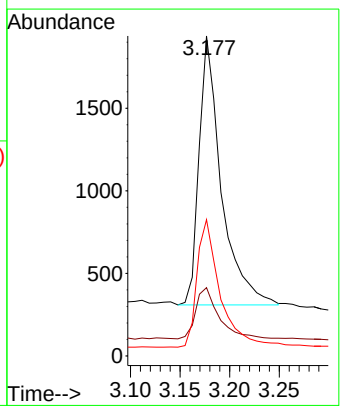


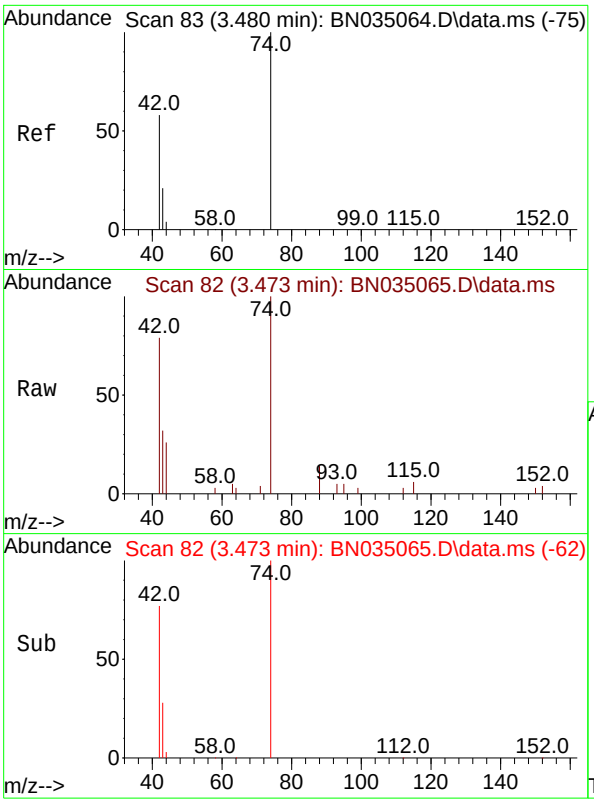


#2
1,4-Dioxane
Concen: 0.817 ng
RT: 3.177 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN035065.D
Acq: 13 Nov 2024 14:28

Tgt Ion: 88 Resp: 2545

Ion	Ratio	Lower	Upper
88	100		
43	19.8	16.9	25.3
58	49.3	39.0	58.4



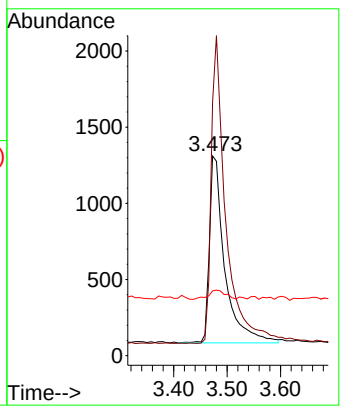


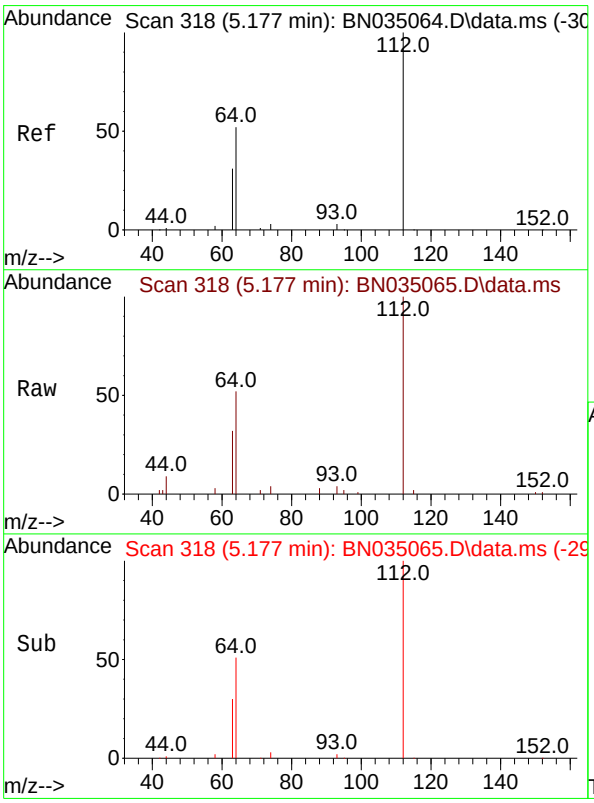
#3
n-Nitrosodimethylamine
Concen: 0.853 ng
RT: 3.473 min Scan# 8
Delta R.T. -0.007 min
Lab File: BN035065.D
Acq: 13 Nov 2024 14:28

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 2466

Ion	Ratio	Lower	Upper
42	100		
74	155.8	120.8	181.2
44	5.4	2.9	4.3#

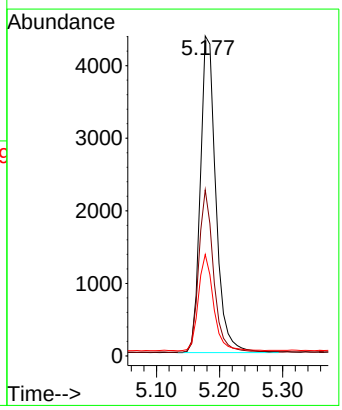


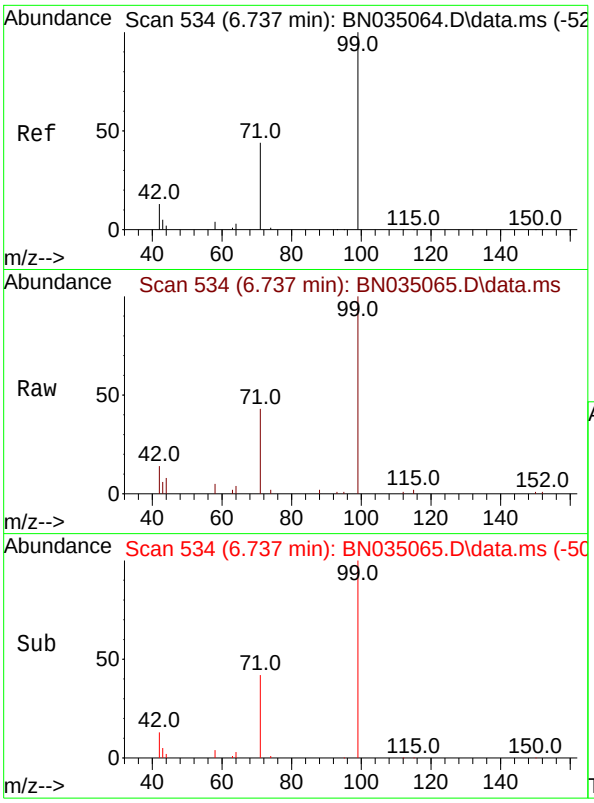


#4
2-Fluorophenol
Concen: 0.856 ng
RT: 5.177 min Scan# 318
Delta R.T. 0.000 min
Lab File: BN035065.D
Acq: 13 Nov 2024 14:28

Tgt Ion:112 Resp: 7450

Ion	Ratio	Lower	Upper
112	100		
64	49.1	39.7	59.5
63	29.6	23.0	34.4



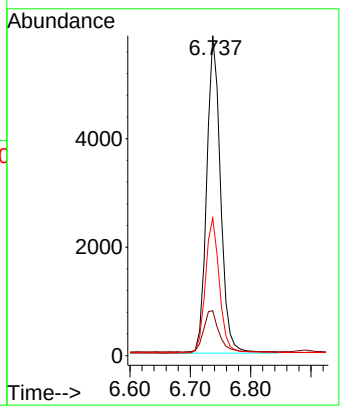


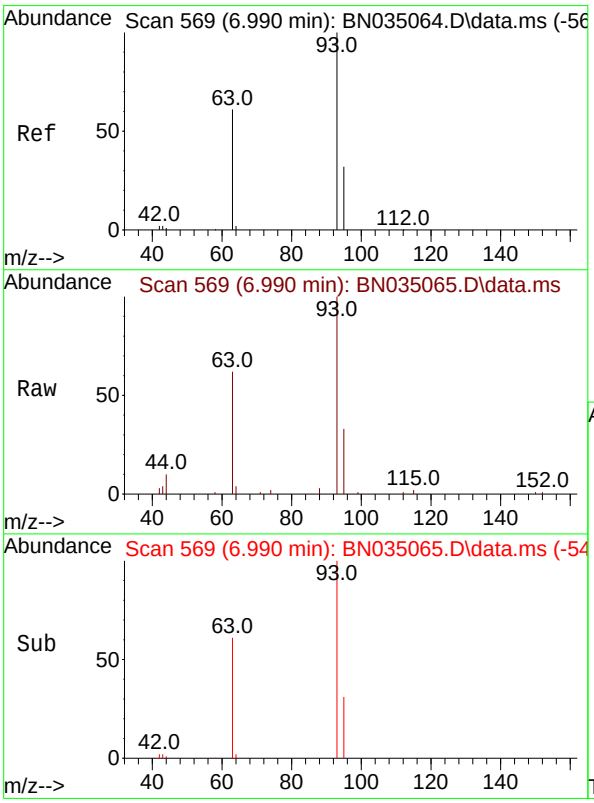
#5
Phenol-d6
Concen: 0.851 ng
RT: 6.737 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN035065.D
Acq: 13 Nov 2024 14:28

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 9293

Ion	Ratio	Lower	Upper
99	100		
42	14.5	11.4	17.0
71	42.9	34.6	51.8

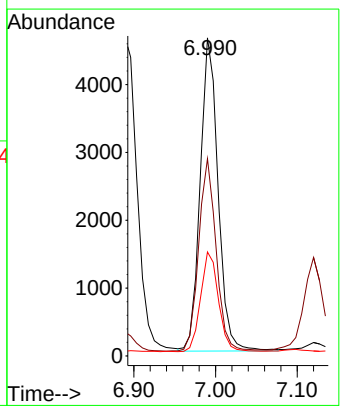


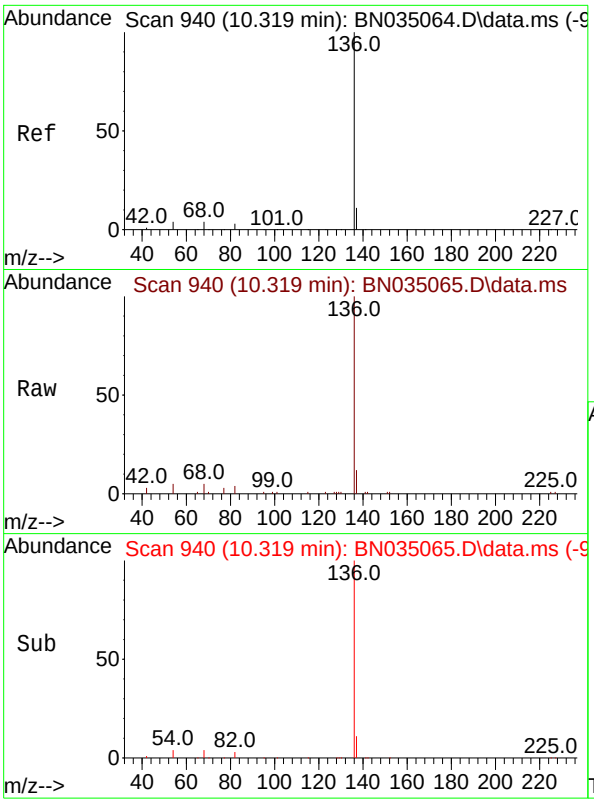


#6
bis(2-Chloroethyl)ether
Concen: 0.860 ng
RT: 6.990 min Scan# 569
Delta R.T. 0.000 min
Lab File: BN035065.D
Acq: 13 Nov 2024 14:28

Tgt Ion: 93 Resp: 7043

Ion	Ratio	Lower	Upper
93	100		
63	60.1	47.4	71.2
95	31.8	26.2	39.4



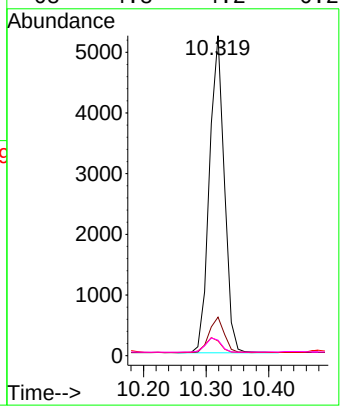


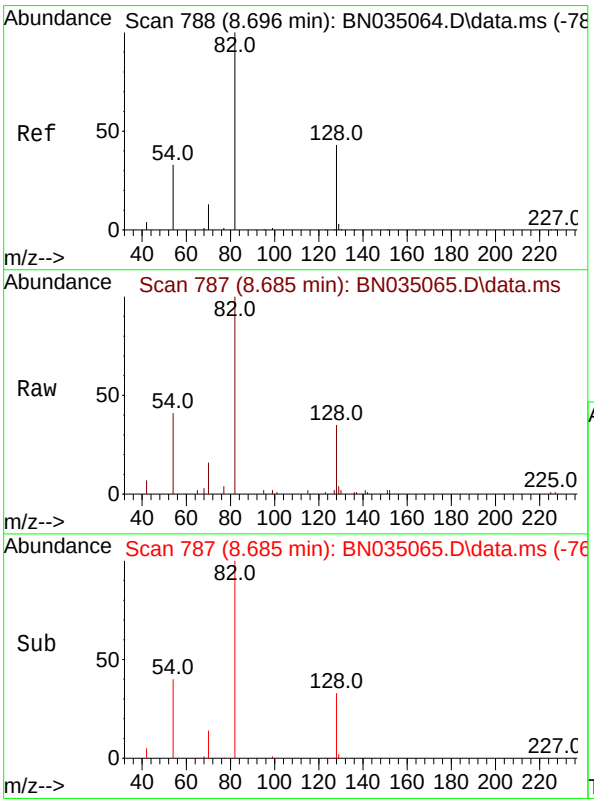
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.319 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN035065.D
Acq: 13 Nov 2024 14:28

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 8612

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.8	14.8
54	4.6	4.0	6.0
68	4.8	4.2	6.2

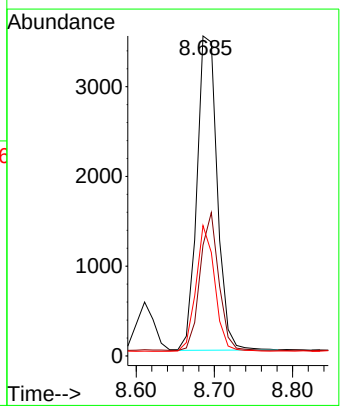


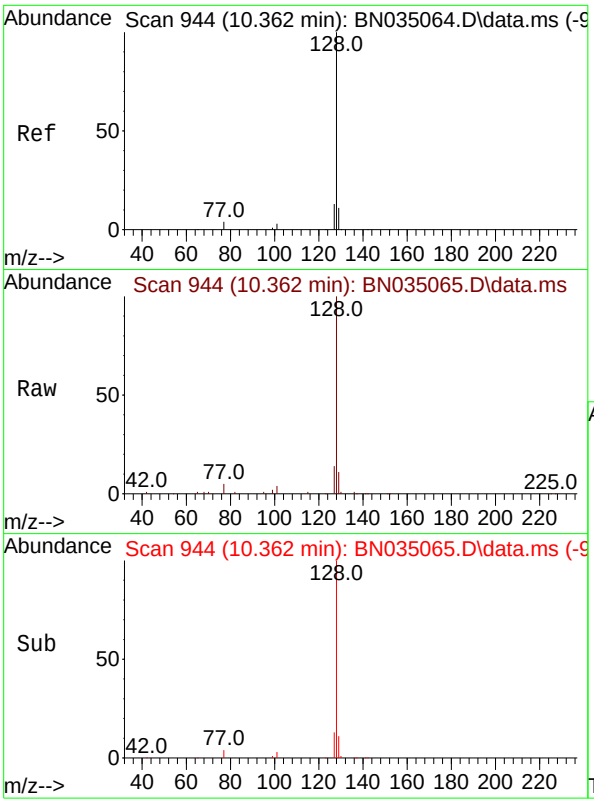


#8
Nitrobenzene-d5
Concen: 0.848 ng
RT: 8.685 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN035065.D
Acq: 13 Nov 2024 14:28

Tgt Ion: 82 Resp: 6336

Ion	Ratio	Lower	Upper
82	100		
128	34.6	36.5	54.7#
54	40.8	28.7	43.1



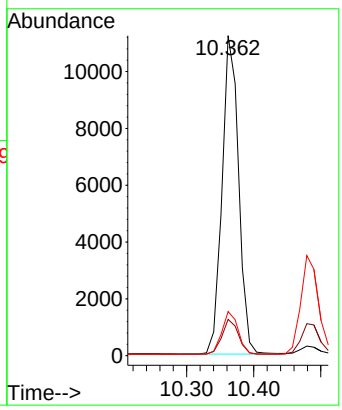


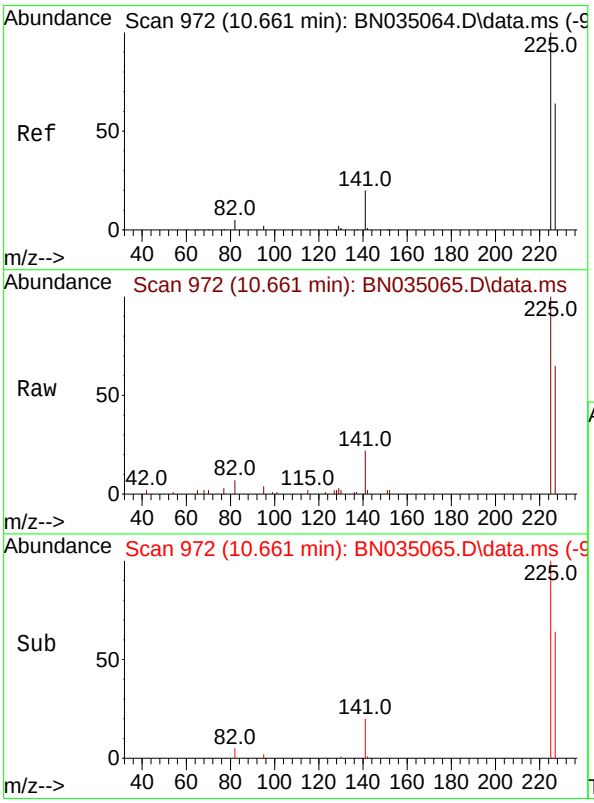
#9
Naphthalene
Concen: 0.855 ng
RT: 10.362 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN035065.D
Acq: 13 Nov 2024 14:28

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 19223

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.6	14.4
127	13.8	11.6	17.4

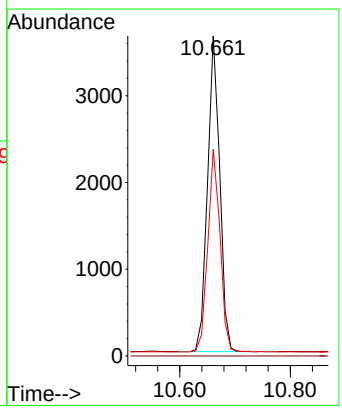


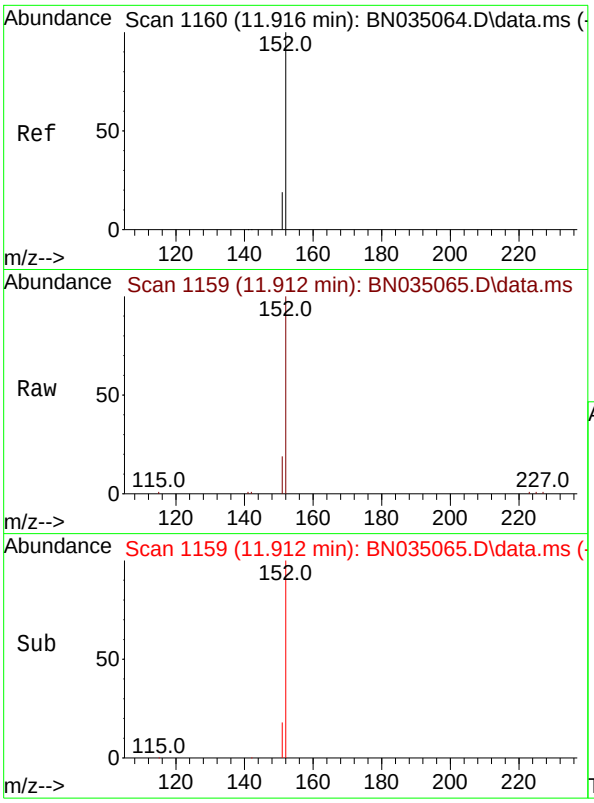


#10
Hexachlorobutadiene
Concen: 0.851 ng
RT: 10.661 min Scan# 972
Delta R.T. 0.000 min
Lab File: BN035065.D
Acq: 13 Nov 2024 14:28

Tgt Ion:225 Resp: 5612

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.5	51.5	77.3



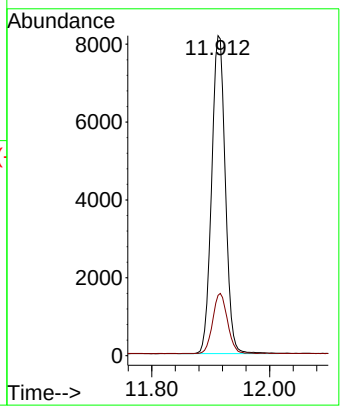


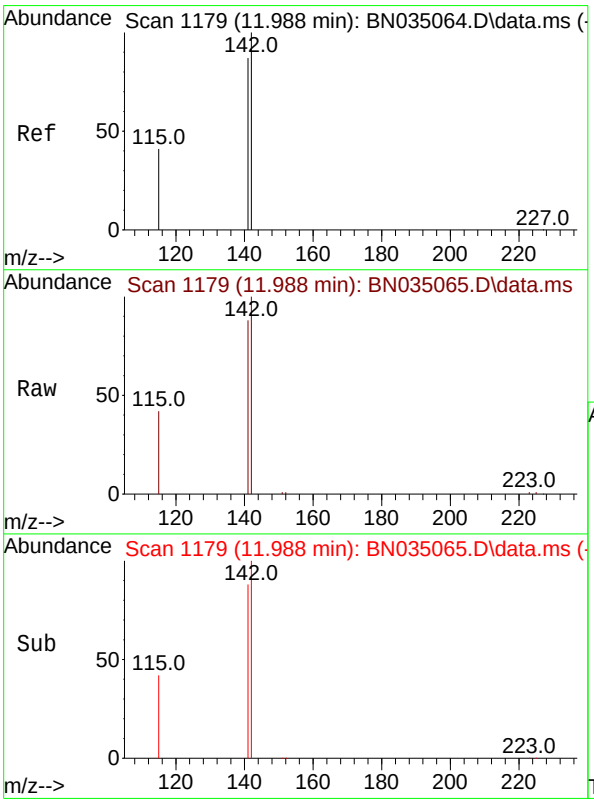
#11
2-Methylnaphthalene-d10
Concen: 0.855 ng
RT: 11.912 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN035065.D
Acq: 13 Nov 2024 14:28

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 13119

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4

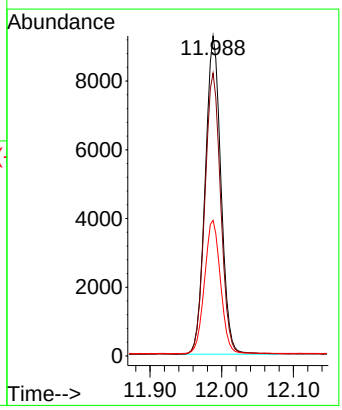


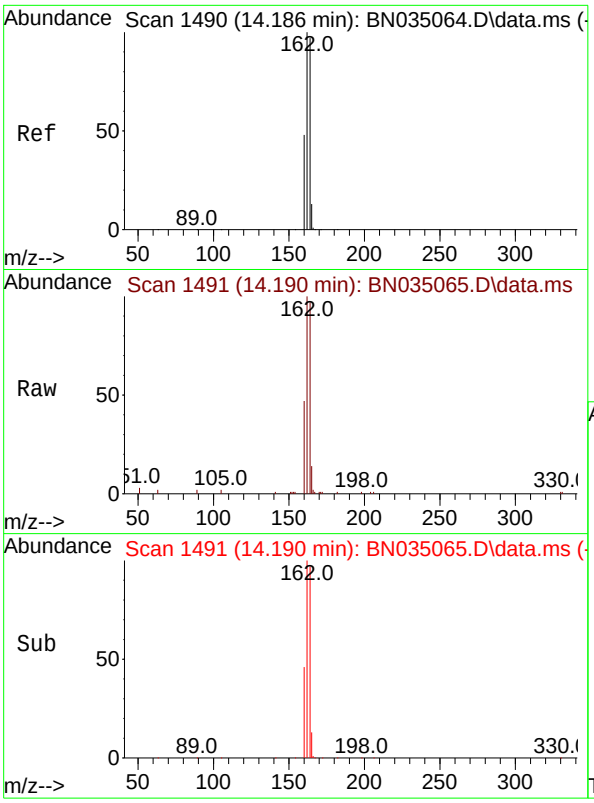


#12
2-Methylnaphthalene
Concen: 0.855 ng
RT: 11.988 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BN035065.D
Acq: 13 Nov 2024 14:28

Tgt Ion:142 Resp: 14179

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.1	105.1
115	42.4	34.4	51.6



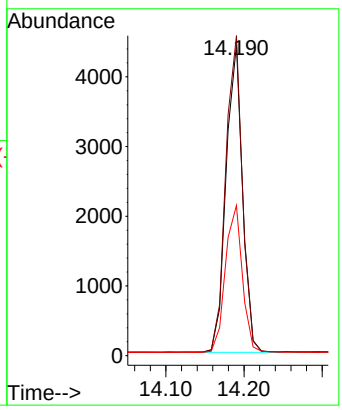


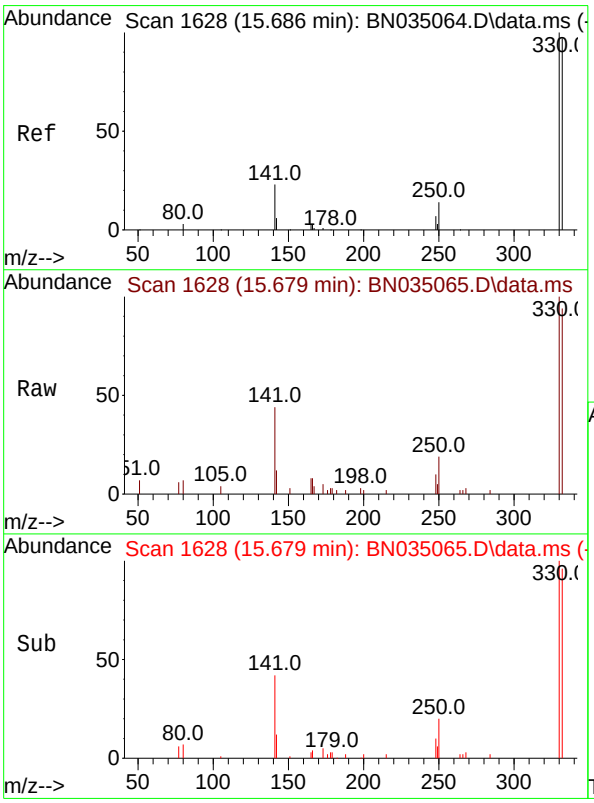
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.190 min Scan# 14
Delta R.T. 0.004 min
Lab File: BN035065.D
Acq: 13 Nov 2024 14:28

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 6454

Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.2	123.2
160	48.3	40.2	60.4

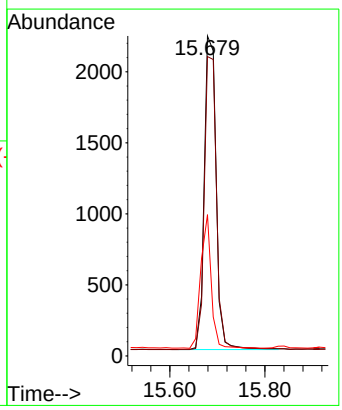


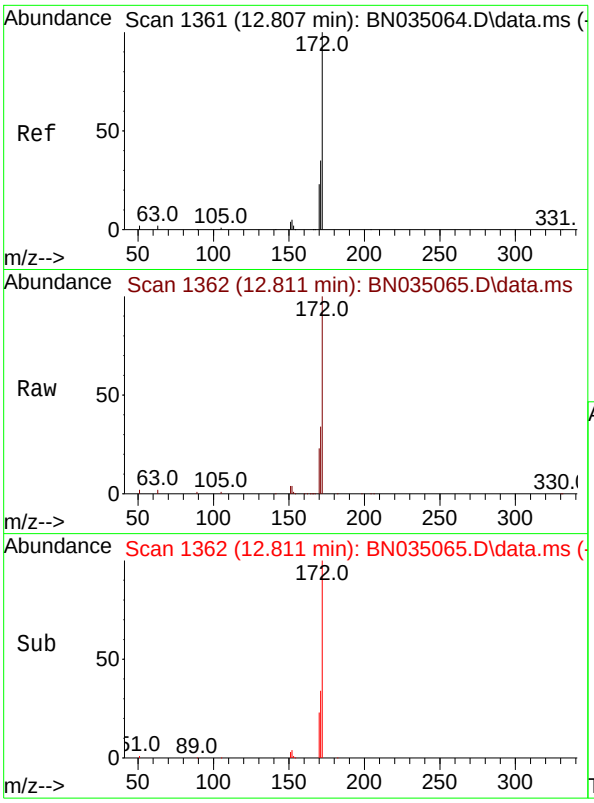


#14
2,4,6-Tribromophenol
Concen: 0.831 ng
RT: 15.679 min Scan# 1628
Delta R.T. -0.007 min
Lab File: BN035065.D
Acq: 13 Nov 2024 14:28

Tgt Ion:330 Resp: 3866

Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.9	115.3
141	36.9	29.6	44.4



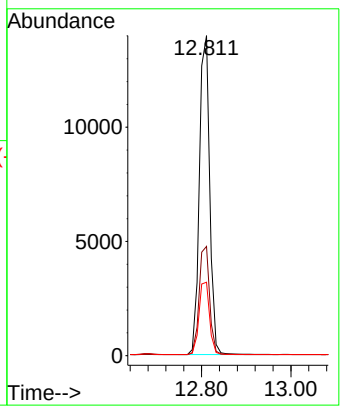


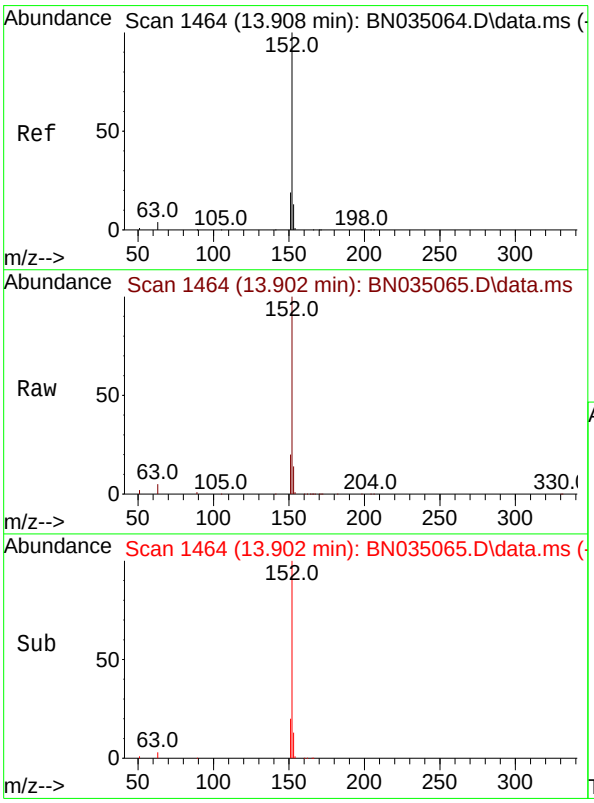
#15
2-Fluorobiphenyl
Concen: 0.855 ng
RT: 12.811 min Scan# 1
Delta R.T. 0.004 min
Lab File: BN035065.D
Acq: 13 Nov 2024 14:28

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 22399

Ion	Ratio	Lower	Upper
172	100		
171	34.1	28.2	42.4
170	22.9	19.0	28.6

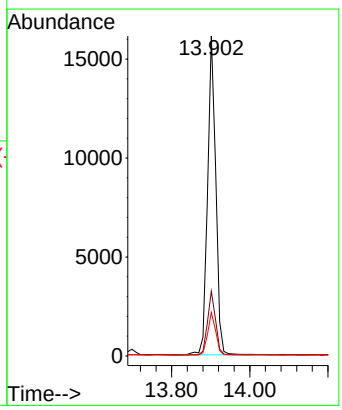


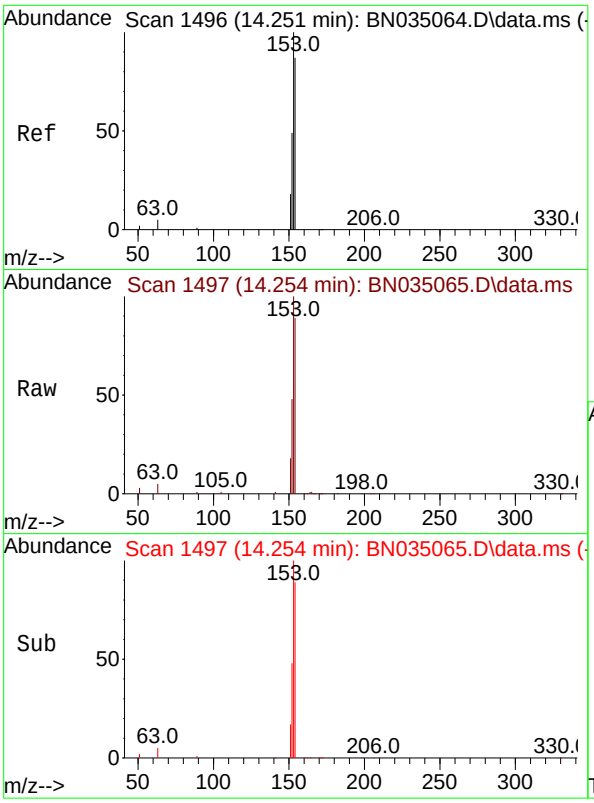


#16
Acenaphthylene
Concen: 0.853 ng
RT: 13.902 min Scan# 1464
Delta R.T. -0.007 min
Lab File: BN035065.D
Acq: 13 Nov 2024 14:28

Tgt Ion:152 Resp: 23520

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.8
153	13.1	10.2	15.4



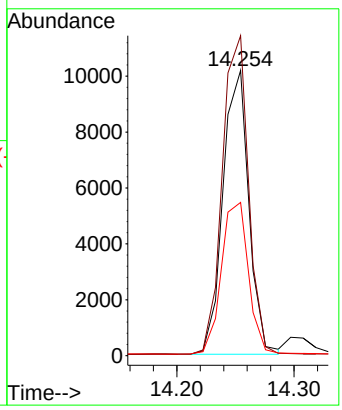


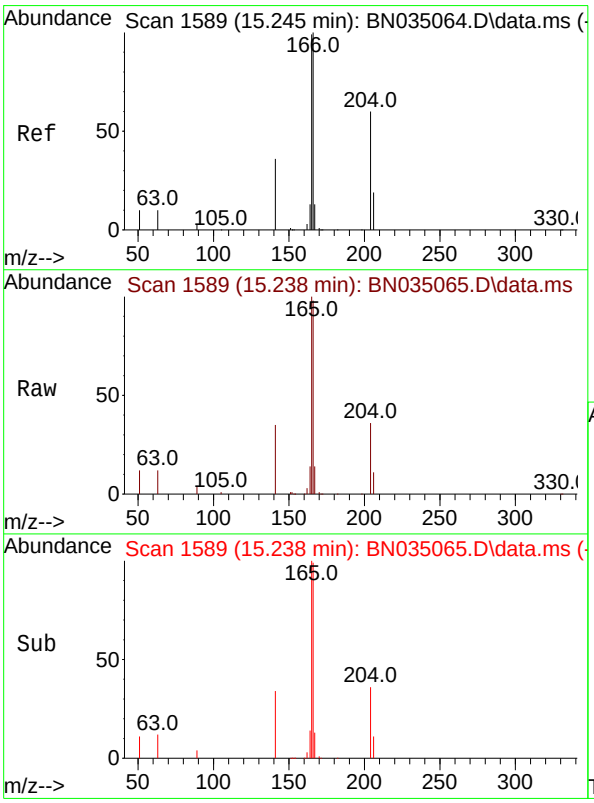
#17
Acenaphthene
Concen: 0.858 ng
RT: 14.254 min Scan# 14
Delta R.T. 0.004 min
Lab File: BN035065.D
Acq: 13 Nov 2024 14:28

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 15511

Ion	Ratio	Lower	Upper
154	100		
153	114.0	91.6	137.4
152	56.6	45.8	68.6

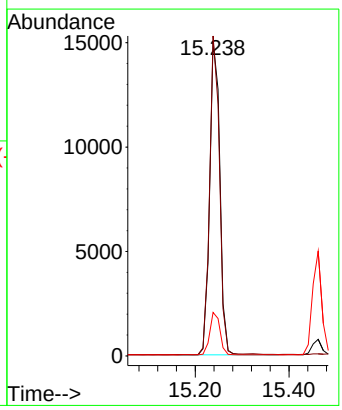


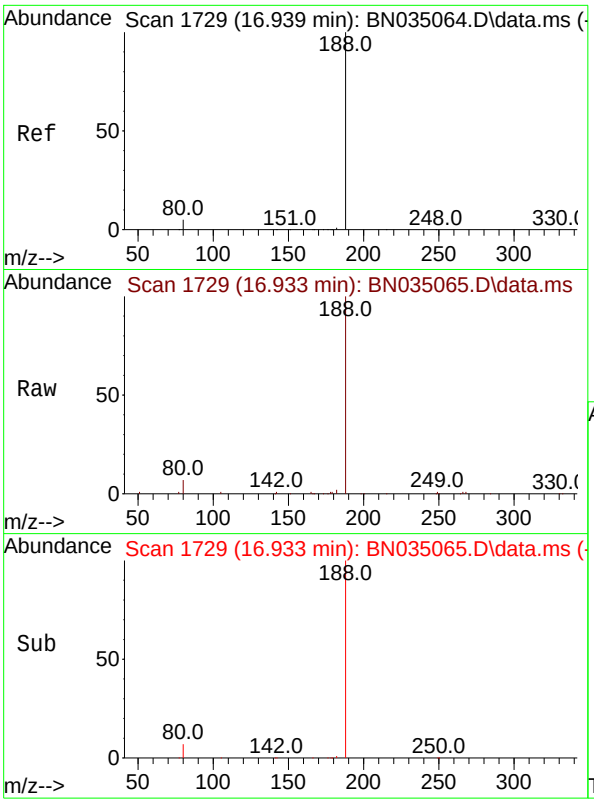


#18
Fluorene
Concen: 0.852 ng
RT: 15.238 min Scan# 1589
Delta R.T. -0.007 min
Lab File: BN035065.D
Acq: 13 Nov 2024 14:28

Tgt Ion:166 Resp: 22649

Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.1	118.7
167	13.6	10.6	16.0



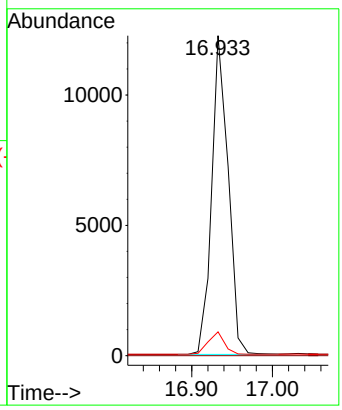


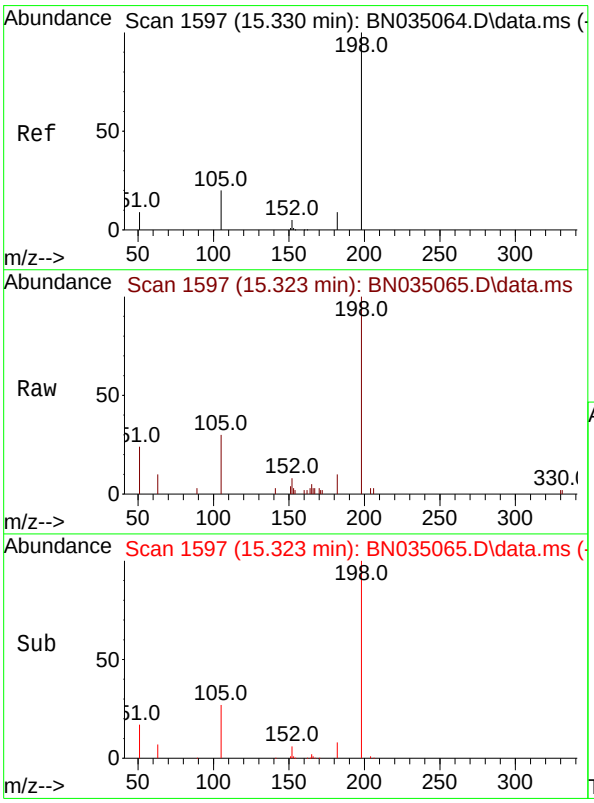
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.933 min Scan# 1
Delta R.T. -0.007 min
Lab File: BN035065.D
Acq: 13 Nov 2024 14:28

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 17302

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.5	4.3	6.5#

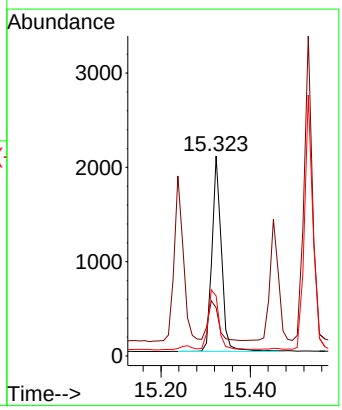


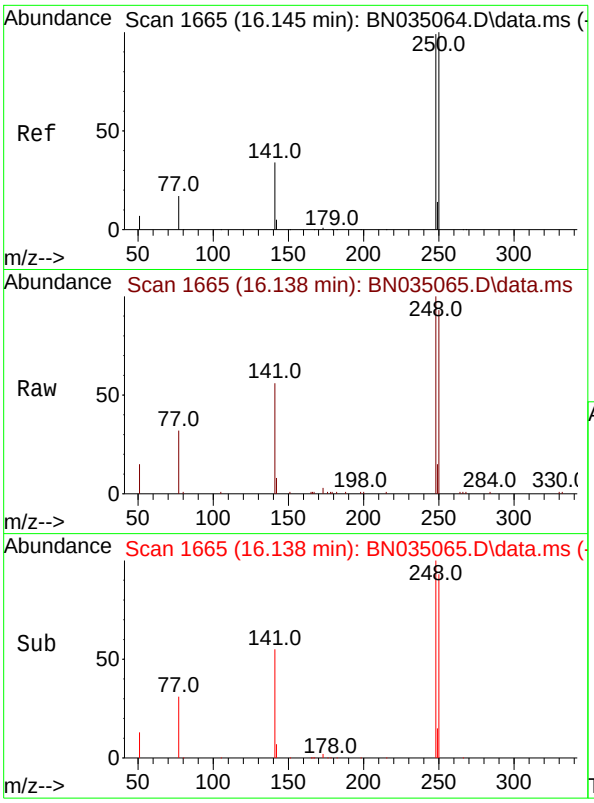


#20
4,6-Dinitro-2-methylphenol
Concen: 0.837 ng
RT: 15.323 min Scan# 1597
Delta R.T. -0.007 min
Lab File: BN035065.D
Acq: 13 Nov 2024 14:28

Tgt Ion:198 Resp: 3013

Ion	Ratio	Lower	Upper
198	100		
51	24.1	29.9	44.9#
105	30.0	23.7	35.5



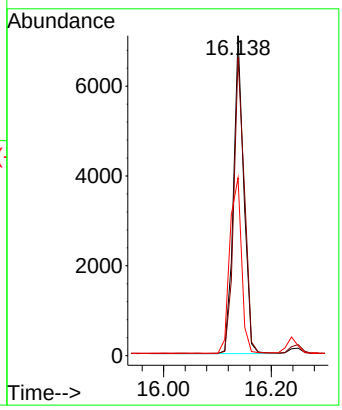


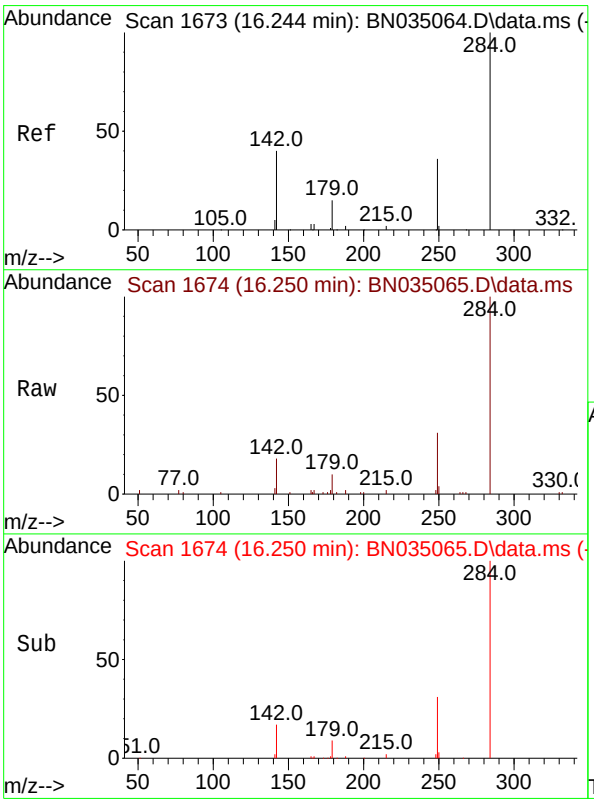
#21
4-Bromophenyl-phenylether
Concen: 0.853 ng
RT: 16.138 min Scan# 1
Delta R.T. -0.007 min
Lab File: BN035065.D
Acq: 13 Nov 2024 14:28

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:248 Resp: 9403

Ion	Ratio	Lower	Upper
248	100		
250	93.3	81.2	121.8
141	55.6	29.1	43.7#

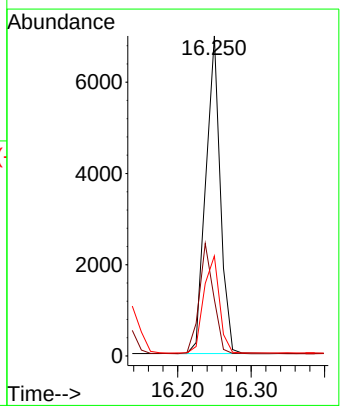


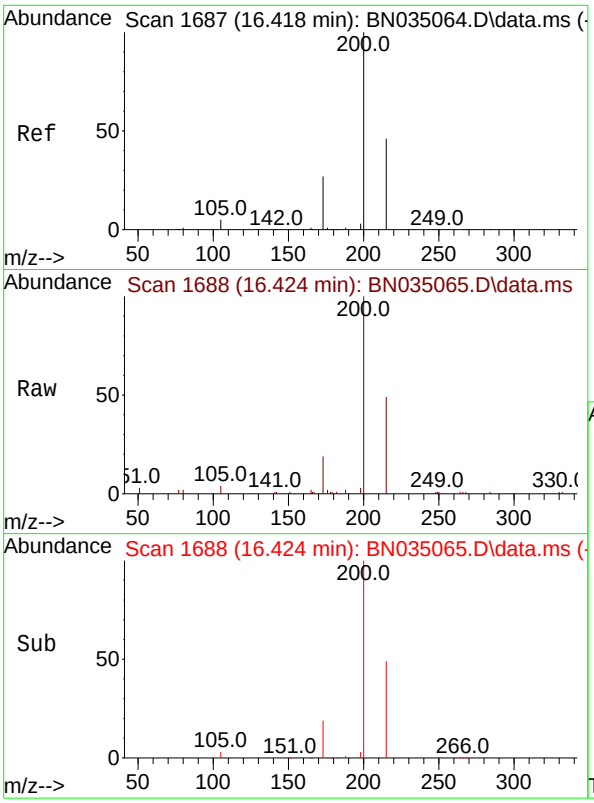


#22
Hexachlorobenzene
Concen: 0.837 ng
RT: 16.250 min Scan# 1674
Delta R.T. 0.006 min
Lab File: BN035065.D
Acq: 13 Nov 2024 14:28

Tgt Ion:284 Resp: 9574

Ion	Ratio	Lower	Upper
284	100		
142	34.4	28.2	42.4
249	32.9	26.2	39.2



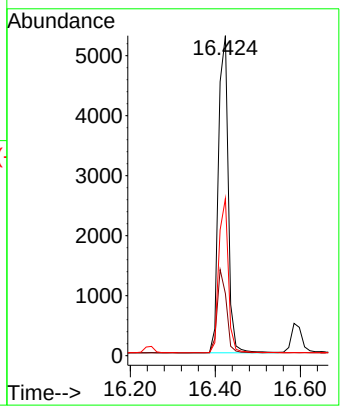


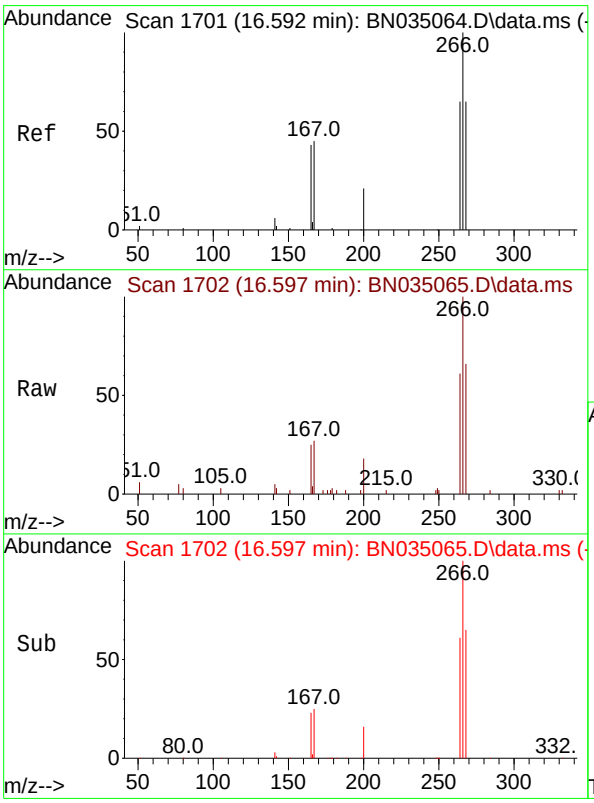
#23
Atrazine
Concen: 0.852 ng
RT: 16.424 min Scan# 1
Delta R.T. 0.006 min
Lab File: BN035065.D
Acq: 13 Nov 2024 14:28

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:200 Resp: 8427

Ion	Ratio	Lower	Upper
200	100		
173	19.4	22.6	33.8#
215	49.1	37.8	56.6

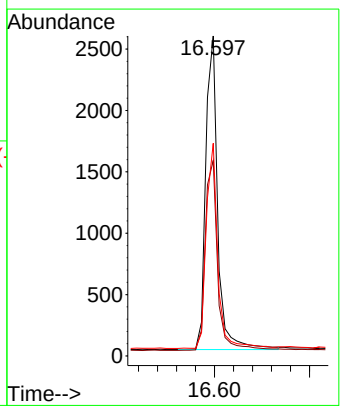


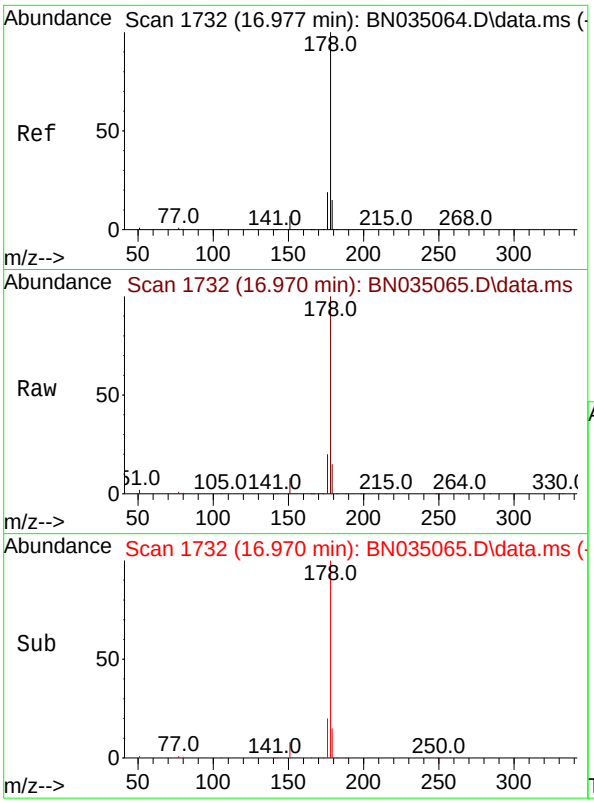


#24
Pentachlorophenol
Concen: 0.841 ng
RT: 16.597 min Scan# 1702
Delta R.T. 0.006 min
Lab File: BN035065.D
Acq: 13 Nov 2024 14:28

Tgt Ion:266 Resp: 4494

Ion	Ratio	Lower	Upper
266	100		
264	62.3	49.4	74.0
268	63.1	52.6	79.0



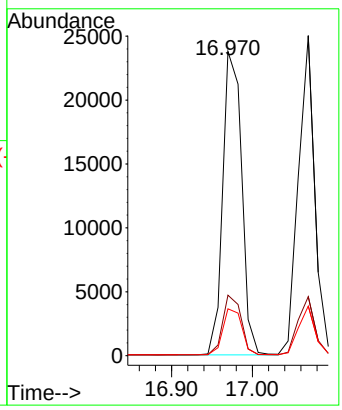


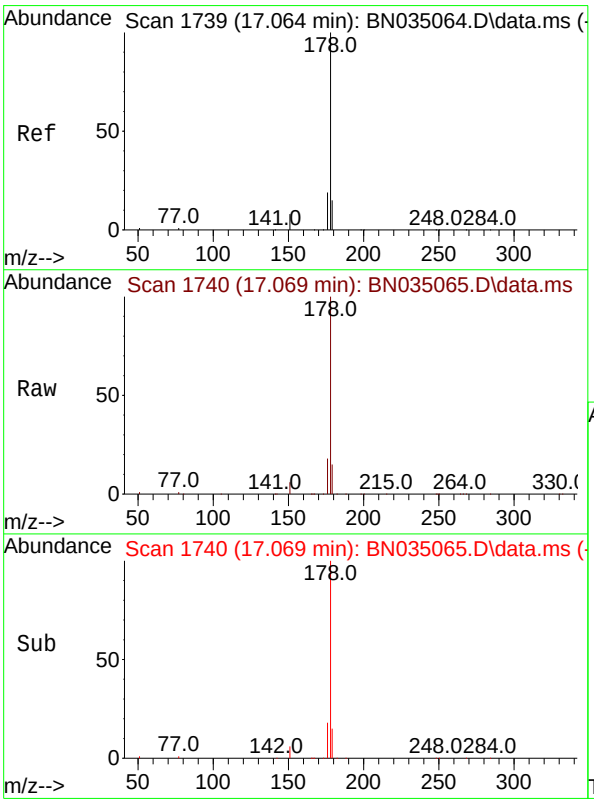
#25
Phenanthrene
Concen: 0.847 ng
RT: 16.970 min Scan# 1
Delta R.T. -0.007 min
Lab File: BN035065.D
Acq: 13 Nov 2024 14:28

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 38573

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.2	22.8
179	15.3	12.6	18.8

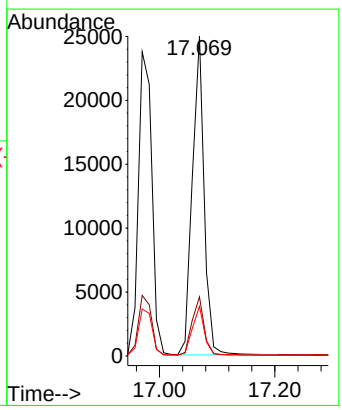


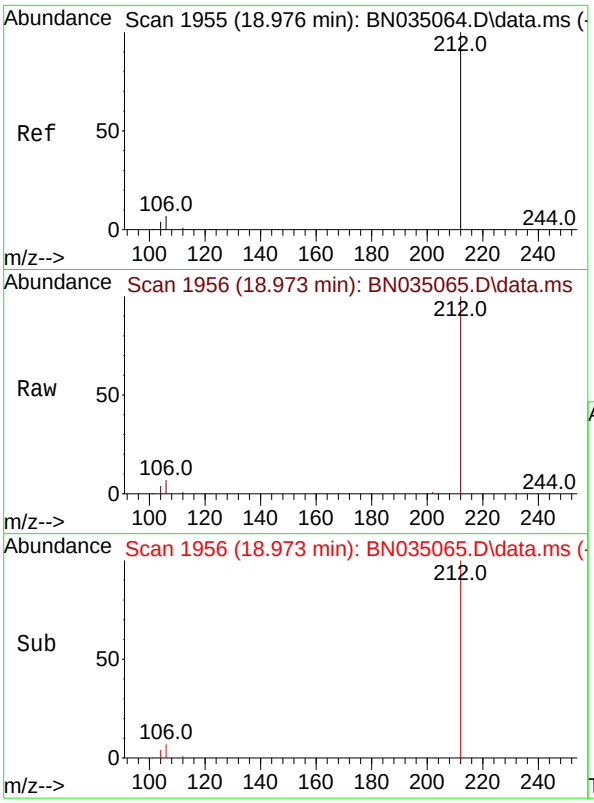


#26
Anthracene
Concen: 0.847 ng
RT: 17.069 min Scan# 1740
Delta R.T. 0.006 min
Lab File: BN035065.D
Acq: 13 Nov 2024 14:28

Tgt Ion:178 Resp: 35437

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	22.0
179	15.2	12.2	18.2



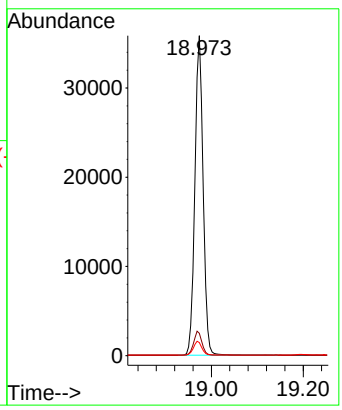


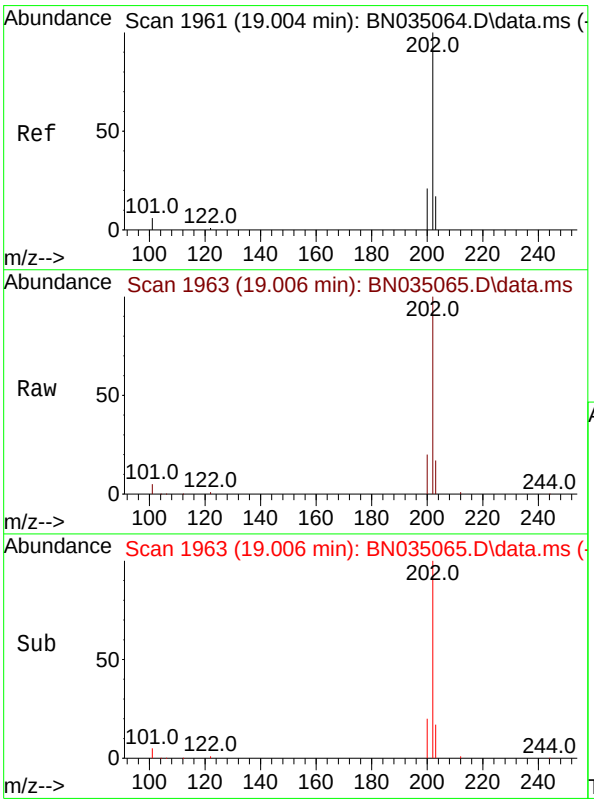
#27
Fluoranthene-d10
Concen: 0.841 ng
RT: 18.973 min Scan# 1
Delta R.T. -0.002 min
Lab File: BN035065.D
Acq: 13 Nov 2024 14:28

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:212 Resp: 44583

Ion	Ratio	Lower	Upper
212	100		
106	7.5	6.0	9.0
104	4.4	3.5	5.3

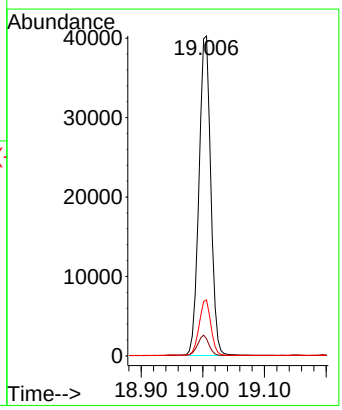


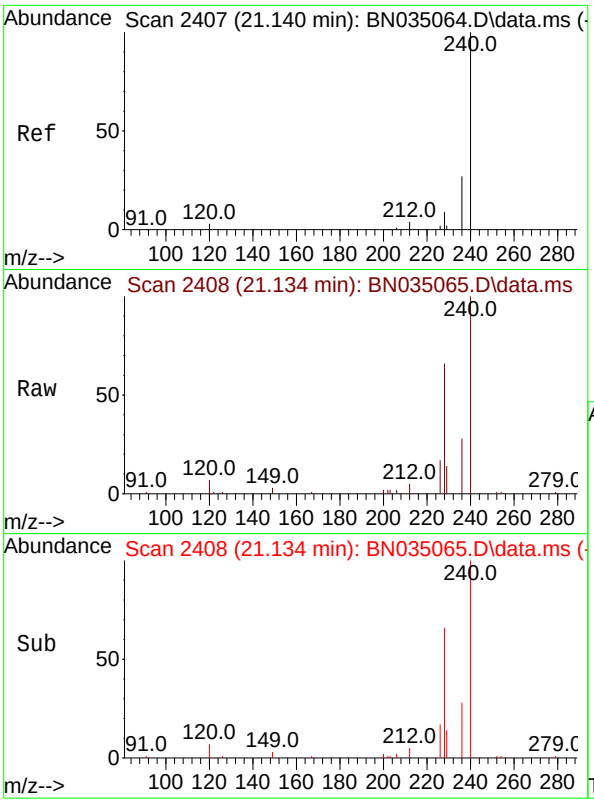


#28
Fluoranthene
Concen: 0.853 ng
RT: 19.006 min Scan# 1963
Delta R.T. 0.002 min
Lab File: BN035065.D
Acq: 13 Nov 2024 14:28

Tgt Ion:202 Resp: 53391

Ion	Ratio	Lower	Upper
202	100		
101	6.3	5.2	7.8
203	17.3	13.8	20.8



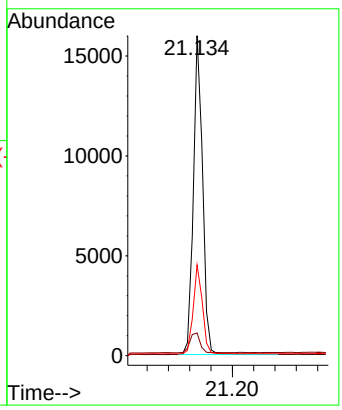


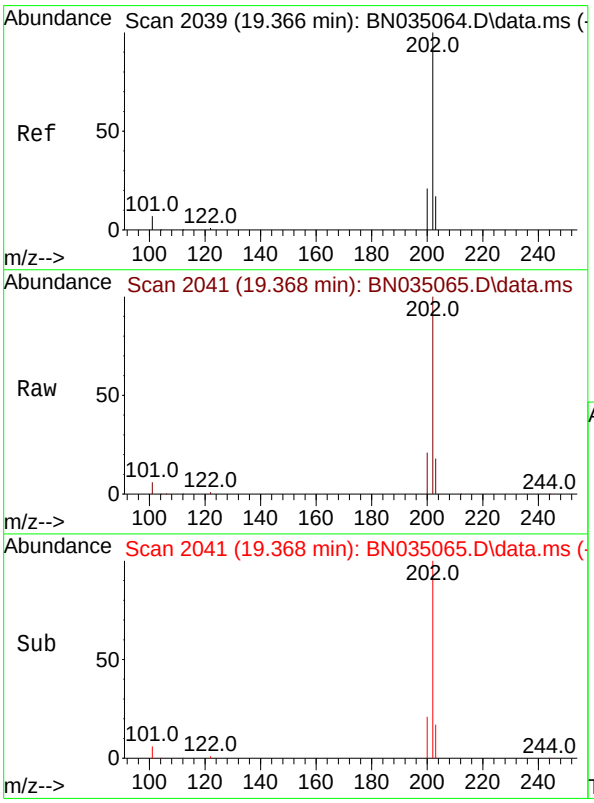
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.134 min Scan# 24
Delta R.T. -0.007 min
Lab File: BN035065.D
Acq: 13 Nov 2024 14:28

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:240 Resp: 19278

Ion	Ratio	Lower	Upper
240	100		
120	7.1	3.8	5.6#
236	28.4	22.2	33.2

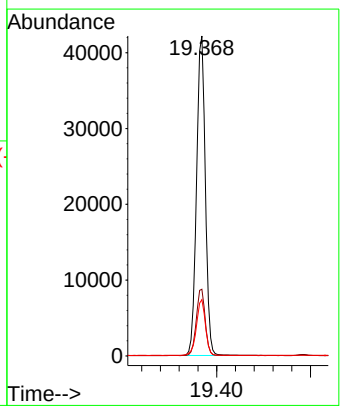


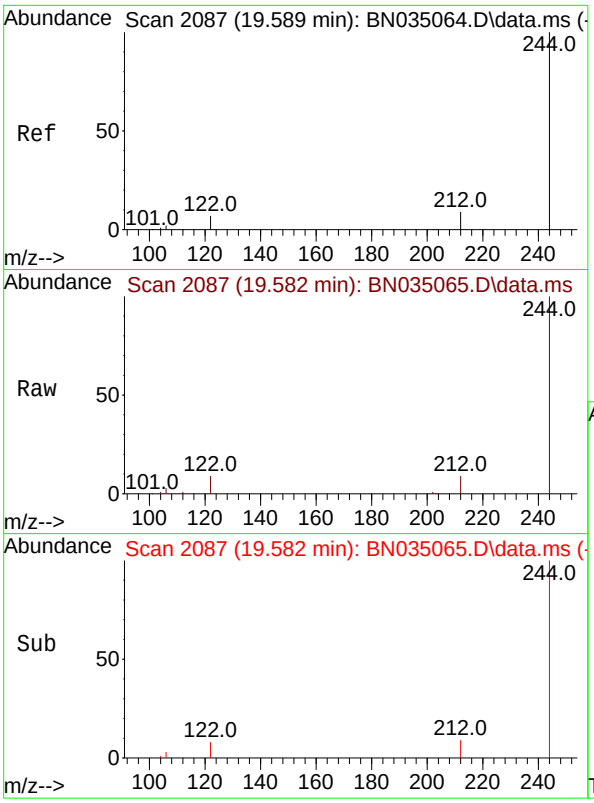


#30
Pyrene
Concen: 0.855 ng
RT: 19.368 min Scan# 2041
Delta R.T. 0.002 min
Lab File: BN035065.D
Acq: 13 Nov 2024 14:28

Tgt Ion:202 Resp: 54892

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	17.8	14.2	21.4



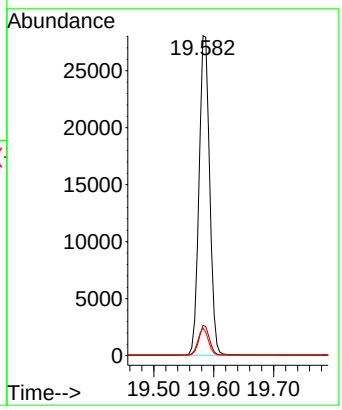


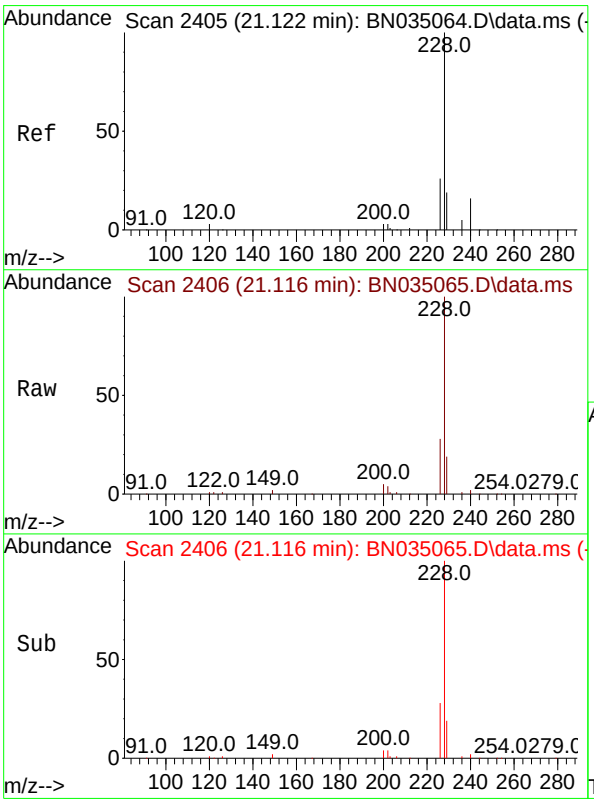
#31
Terphenyl-d14
Concen: 0.852 ng
RT: 19.582 min Scan# 2
Delta R.T. -0.007 min
Lab File: BN035065.D
Acq: 13 Nov 2024 14:28

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 34460

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.6	11.4
122	8.6	6.1	9.1

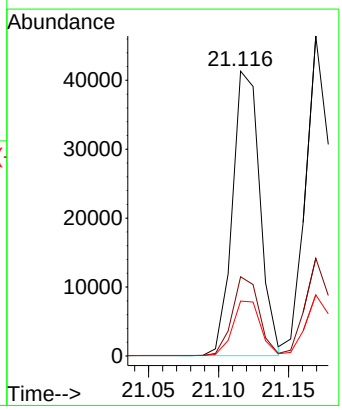


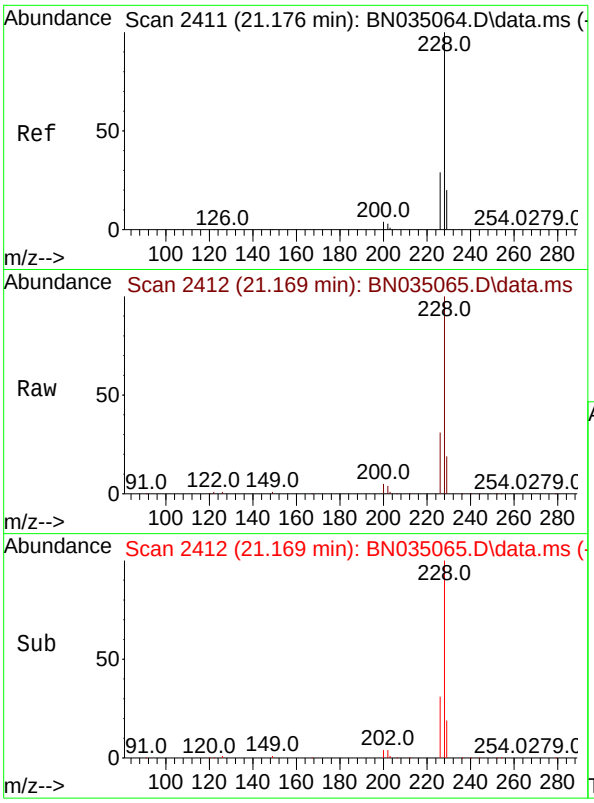


#32
Benzo(a)anthracene
Concen: 0.841 ng
RT: 21.116 min Scan# 2406
Delta R.T. -0.007 min
Lab File: BN035065.D
Acq: 13 Nov 2024 14:28

Tgt Ion:228 Resp: 56460

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.4	32.0
229	19.3	15.7	23.5



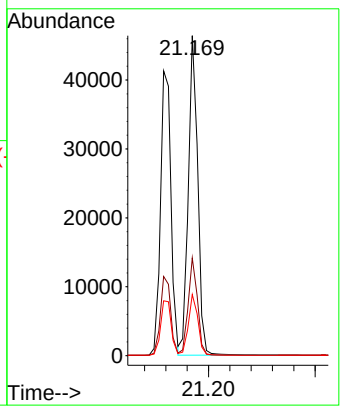


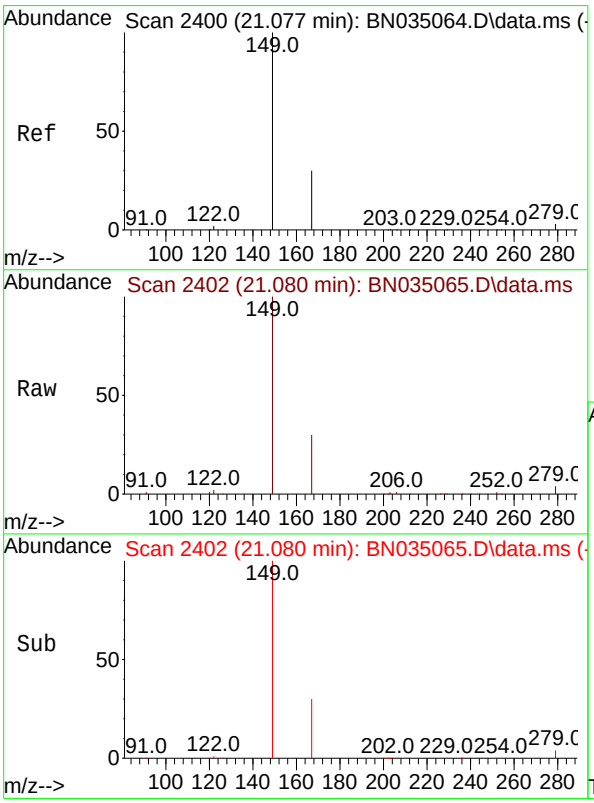
#33
Chrysene
Concen: 0.858 ng
RT: 21.169 min Scan# 2
Delta R.T. -0.007 min
Lab File: BN035065.D
Acq: 13 Nov 2024 14:28

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 57039

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.7	35.5
229	19.1	16.2	24.4

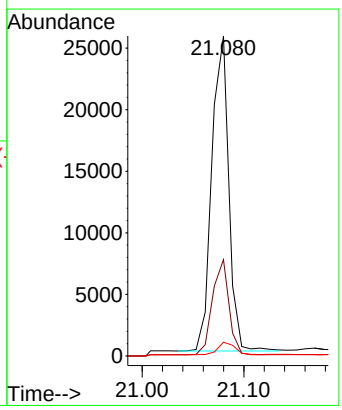


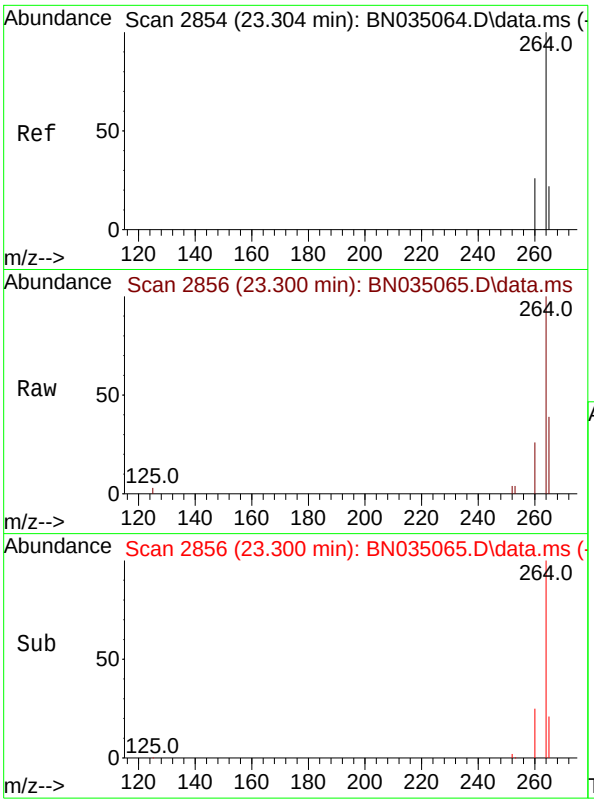


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.848 ng
RT: 21.080 min Scan# 2402
Delta R.T. 0.002 min
Lab File: BN035065.D
Acq: 13 Nov 2024 14:28

Tgt Ion:149 Resp: 29628

Ion	Ratio	Lower	Upper
149	100		
167	29.1	23.2	34.8
279	4.0	3.2	4.8



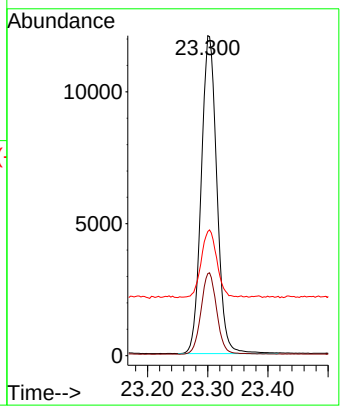


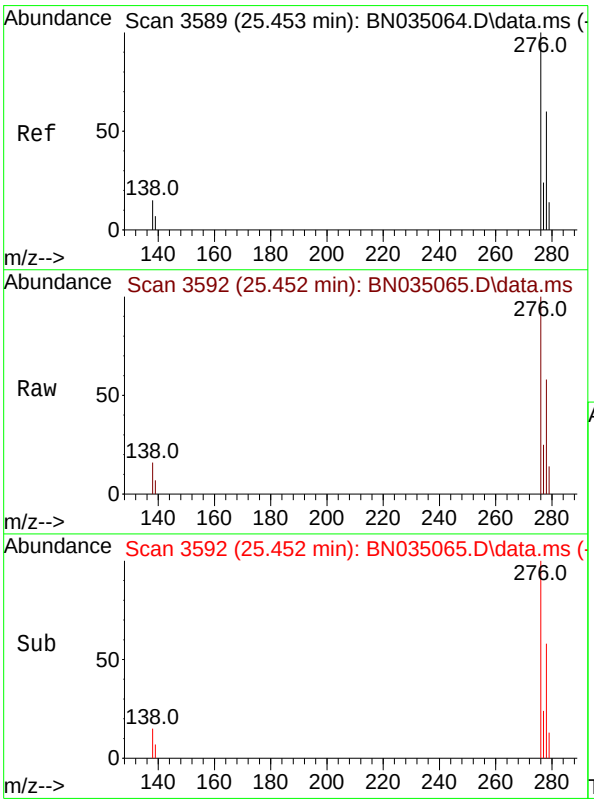
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.300 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN035065.D
Acq: 13 Nov 2024 14:28

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:264 Resp: 21751

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.9	31.3
265	38.8	35.4	53.2

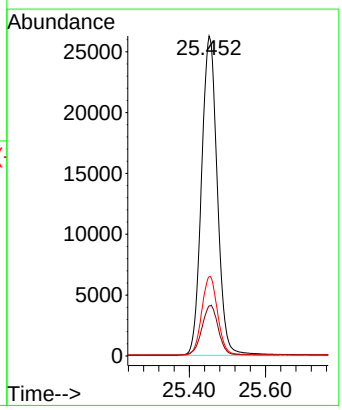


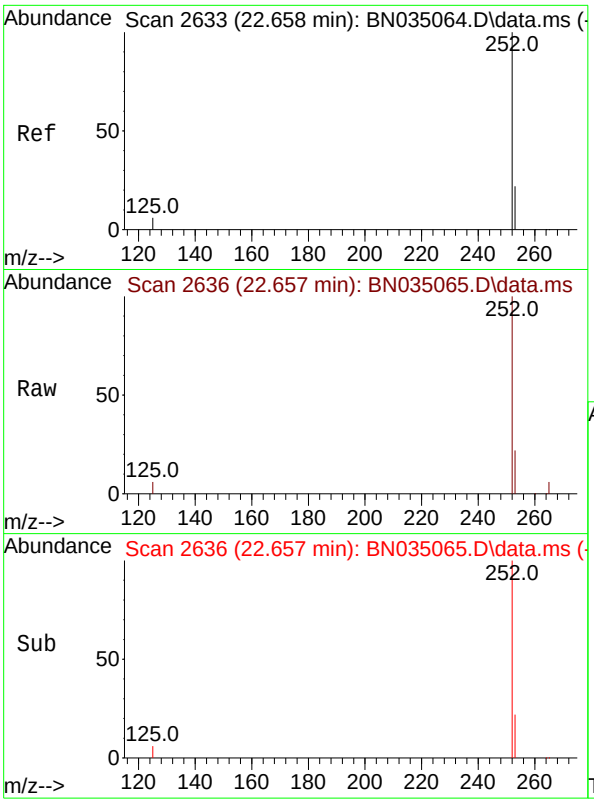


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.867 ng
RT: 25.452 min Scan# 3592
Delta R.T. -0.001 min
Lab File: BN035065.D
Acq: 13 Nov 2024 14:28

Tgt Ion:276 Resp: 75270

Ion	Ratio	Lower	Upper
276	100		
138	16.2	13.0	19.4
277	24.7	19.8	29.6



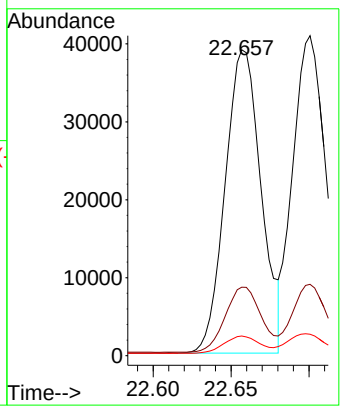


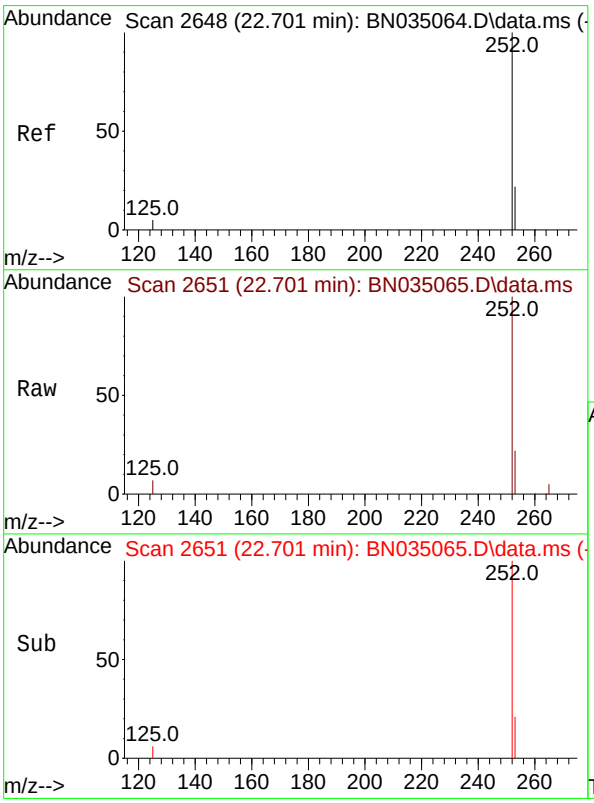
#37
Benzo(b)fluoranthene
Concen: 0.855 ng
RT: 22.657 min Scan# 2
Delta R.T. -0.001 min
Lab File: BN035065.D
Acq: 13 Nov 2024 14:28

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 62606

Ion	Ratio	Lower	Upper
252	100		
253	22.4	19.3	28.9
125	6.5	6.2	9.2

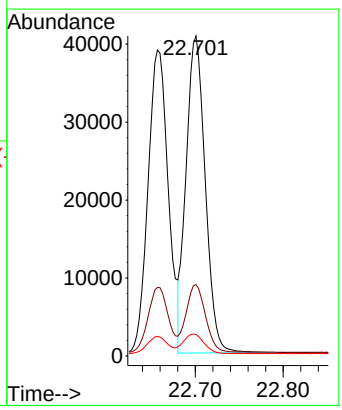


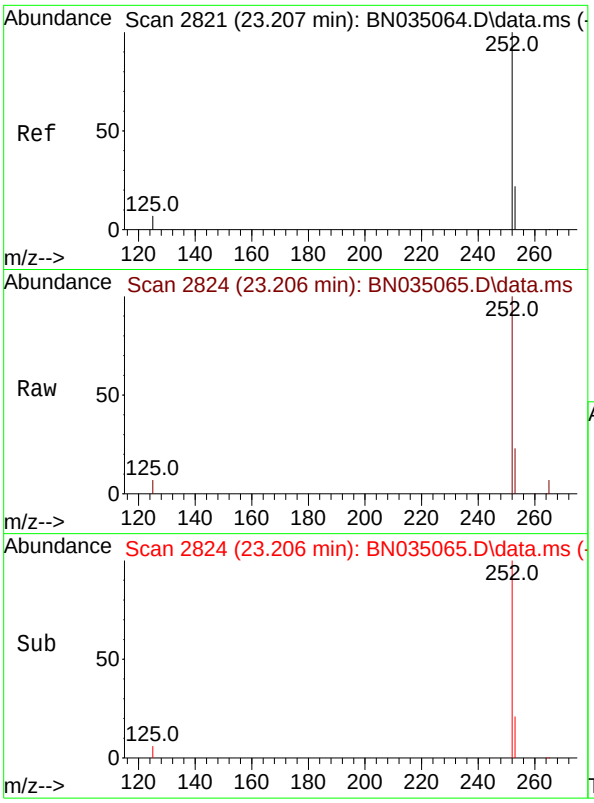


#38
Benzo(k)fluoranthene
Concen: 0.843 ng
RT: 22.701 min Scan# 2651
Delta R.T. -0.001 min
Lab File: BN035065.D
Acq: 13 Nov 2024 14:28

Tgt Ion:252 Resp: 61702

Ion	Ratio	Lower	Upper
252	100		
253	22.3	19.5	29.3
125	6.7	6.5	9.7



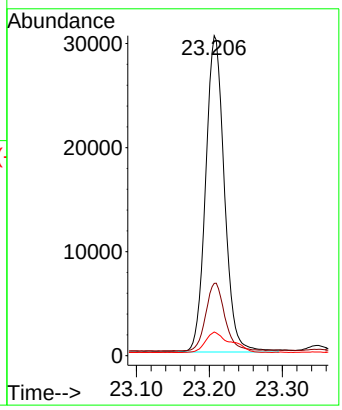


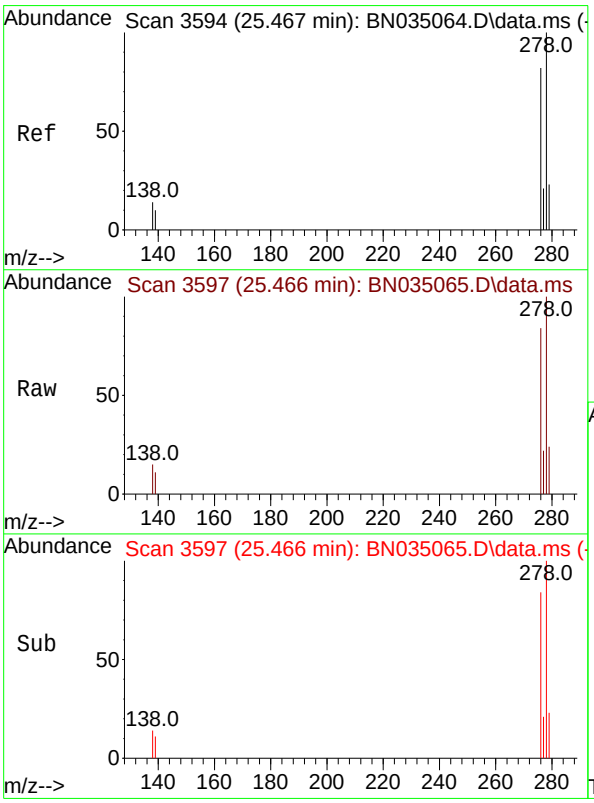
#39
Benzo(a)pyrene
Concen: 0.842 ng
RT: 23.206 min Scan# 2
Delta R.T. -0.001 min
Lab File: BN035065.D
Acq: 13 Nov 2024 14:28

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 54251

Ion	Ratio	Lower	Upper
252	100		
253	22.6	20.1	30.1
125	7.4	7.5	11.3#

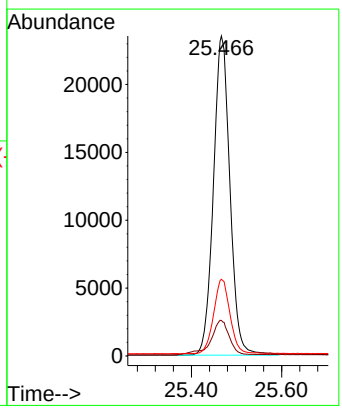


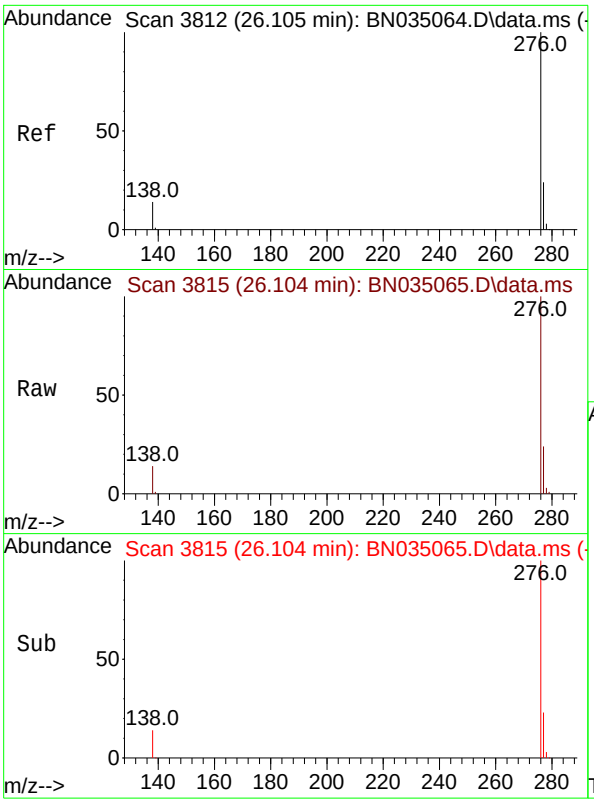


#40
Dibenzo(a,h)anthracene
Concen: 0.870 ng
RT: 25.466 min Scan# 3597
Delta R.T. -0.001 min
Lab File: BN035065.D
Acq: 13 Nov 2024 14:28

Tgt Ion:278 Resp: 59829

Ion	Ratio	Lower	Upper
278	100		
139	11.1	9.3	13.9
279	24.0	19.7	29.5





#41
Benzo(g,h,i)perylene
Concen: 0.864 ng
RT: 26.104 min Scan# 3
Delta R.T. -0.001 min
Lab File: BN035065.D
Acq: 13 Nov 2024 14:28

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 63167

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.9	29.9
138	14.0	11.6	17.4