Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111324\
Data File : BN035072.D
Acq On : 13 Nov 2024 18:38
Operator : RC/JU
Sample : PB164785BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB164785BSD

Quant Time: Nov 14 02:06:28 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 17:18:14 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	2529	0.400	ng	0.00
7) Naphthalene-d8	10.319	136	5952	0.400	ng	0.00
13) Acenaphthene-d10	14.186	164	4350	0.400	ng	0.00
19) Phenanthrene-d10	16.939	188	12047	0.400	ng	0.00
29) Chrysene-d12	21.131	240	12506	0.400	ng	# 0.00
35) Perylene-d12	23.301	264	13065	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.184	112	1833	0.286	ng	0.00
5) Phenol-d6	6.737	99	2242	0.279	ng	0.00
8) Nitrobenzene-d5	8.696	82	1561	0.301	ng	0.00
11) 2-Methylnaphthalene-d10	11.912	152	3950	0.372	ng	0.00
14) 2,4,6-Tribromophenol	15.686	330	740	0.236	ng	0.00
15) 2-Fluorobiphenyl	12.807	172	5307	0.300	ng	0.00
27) Fluoranthene-d10	18.976	212	10552	0.286	ng	0.00
31) Terphenyl-d14	19.584	244	8336	0.318	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.169	88	616	0.268	ng	# 57
3) n-Nitrosodimethylamine	3.466	42	622	0.291	ng	# 84
6) bis(2-Chloroethyl)ether	6.990	93	1860	0.308	ng	98
9) Naphthalene	10.362	128	4760	0.306	ng	98
10) Hexachlorobutadiene	10.661	225	1409	0.309	ng	# 99
12) 2-Methylnaphthalene	11.988	142	3367	0.294	ng	99
16) Acenaphthylene	13.898	152	5590	0.301	ng	100
17) Acenaphthene	14.251	154	3555	0.292	ng	99
18) Fluorene	15.245	166	5161	0.288	ng	99
20) 4,6-Dinitro-2-methylph...	15.330	198	656	0.262	ng	# 86
21) 4-Bromophenyl-phenylether	16.145	248	2157	0.281	ng	99
22) Hexachlorobenzene	16.244	284	2166	0.272	ng	98
23) Atrazine	16.418	200	1921	0.279	ng	99
24) Pentachlorophenol	16.592	266	1552	0.417	ng	98
25) Phenanthrene	16.977	178	9528	0.301	ng	99
26) Anthracene	17.064	178	8746	0.300	ng	98
28) Fluoranthene	19.004	202	12388	0.284	ng	100
30) Pyrene	19.366	202	12807	0.308	ng	100
32) Benzo(a)anthracene	21.122	228	12448	0.286	ng	99
33) Chrysene	21.167	228	13004	0.301	ng	98
34) Bis(2-ethylhexyl)phtha...	21.077	149	5253	0.230	ng	100
36) Indeno(1,2,3-cd)pyrene	25.447	276	14939	0.287	ng	100
37) Benzo(b)fluoranthene	22.655	252	13004	0.296	ng	97
38) Benzo(k)fluoranthene	22.698	252	12919	0.294	ng	98
39) Benzo(a)pyrene	23.204	252	11655	0.301	ng	97
40) Dibenzo(a,h)anthracene	25.464	278	11767	0.285	ng	96
41) Benzo(g,h,i)perylene	26.099	276	11762	0.268	ng	99

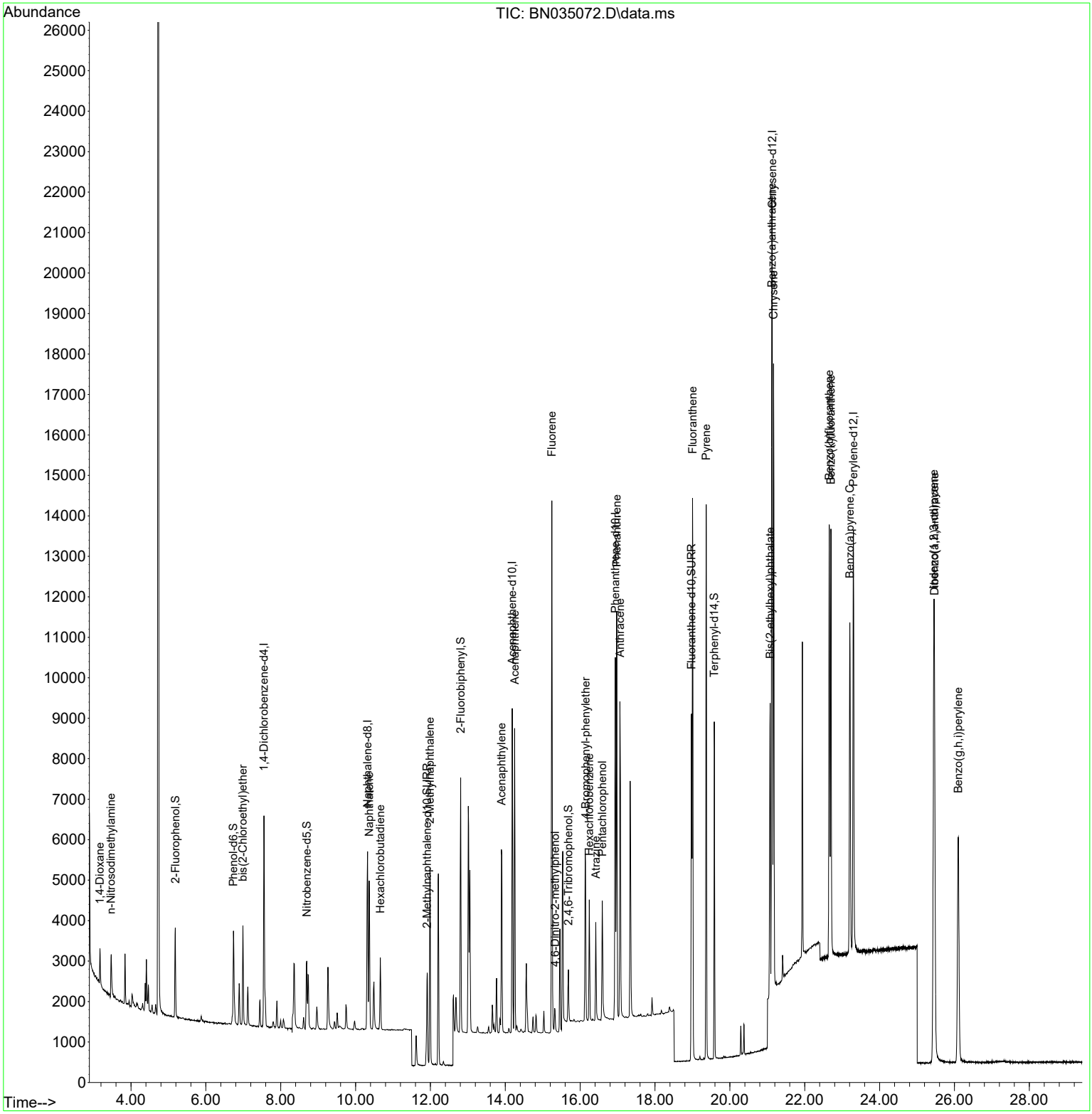
(#) = qualifier out of range (m) = manual integration (+) = signals summed

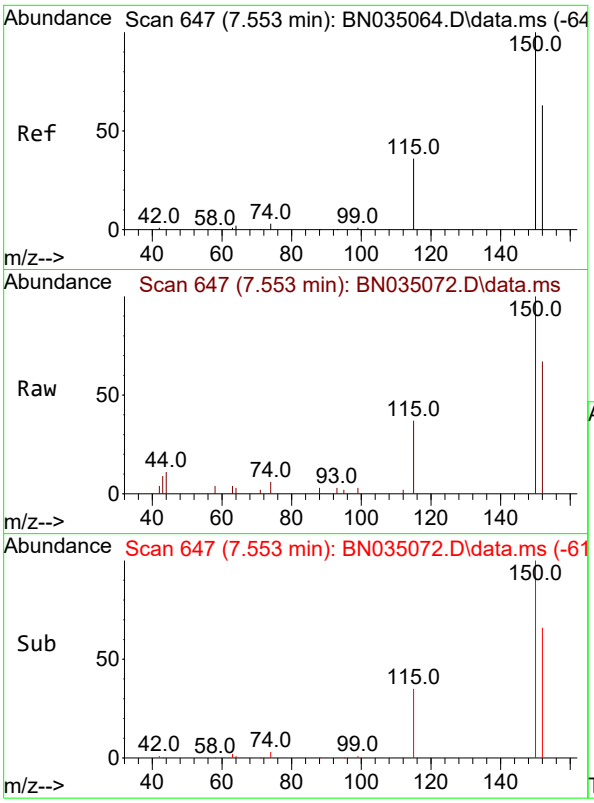
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111324\
Data File : BN035072.D
Acq On : 13 Nov 2024 18:38
Operator : RC/JU
Sample : PB164785BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB164785BSD

Quant Time: Nov 14 02:06:28 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 17:18:14 2024
Response via : Initial Calibration



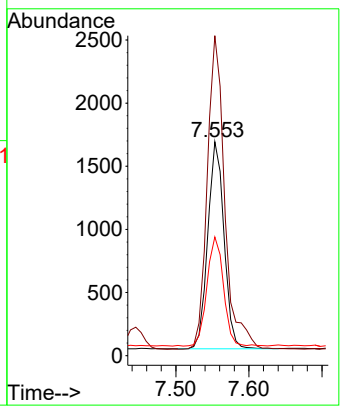


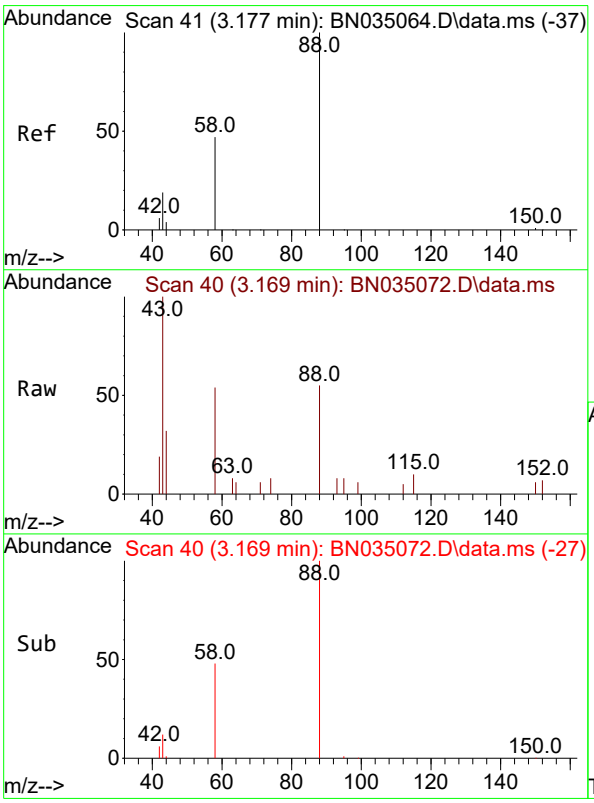
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.553 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN035072.D
Acq: 13 Nov 2024 18:38

Instrument :
BNA_N
ClientSampleId :
PB164785BSD

Tgt Ion:152 Resp: 2529

Ion	Ratio	Lower	Upper
152	100		
150	149.6	124.5	186.7
115	55.5	47.8	71.6

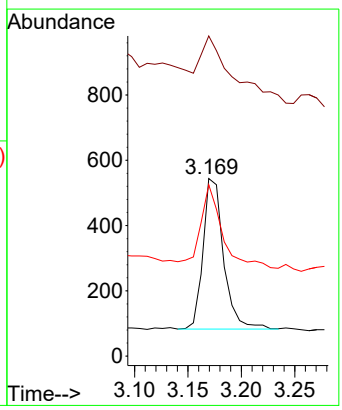


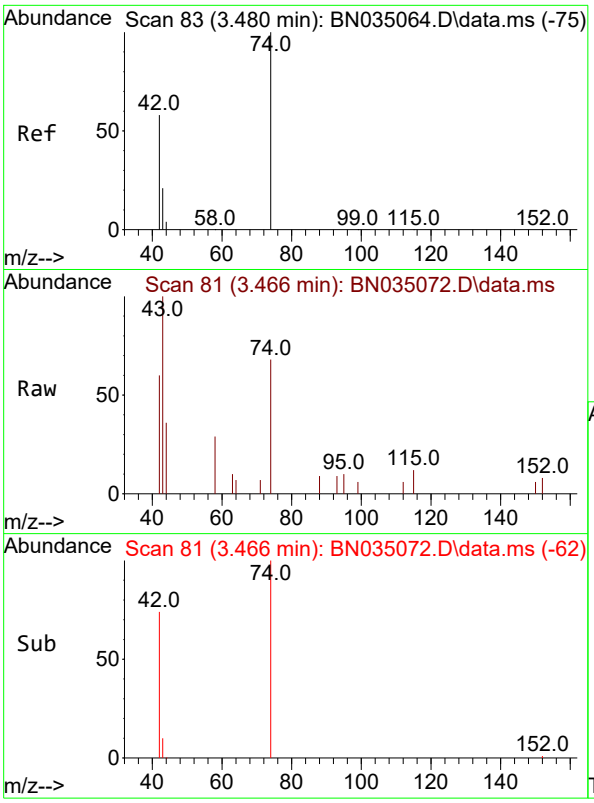


#2
1,4-Dioxane
Concen: 0.268 ng
RT: 3.169 min Scan# 40
Delta R.T. -0.007 min
Lab File: BN035072.D
Acq: 13 Nov 2024 18:38

Tgt Ion: 88 Resp: 616

Ion	Ratio	Lower	Upper
88	100		
43	70.1	16.9	25.3#
58	59.4	39.0	58.4#



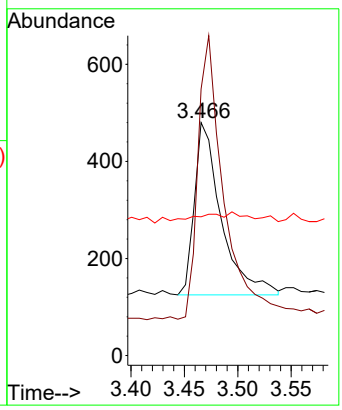


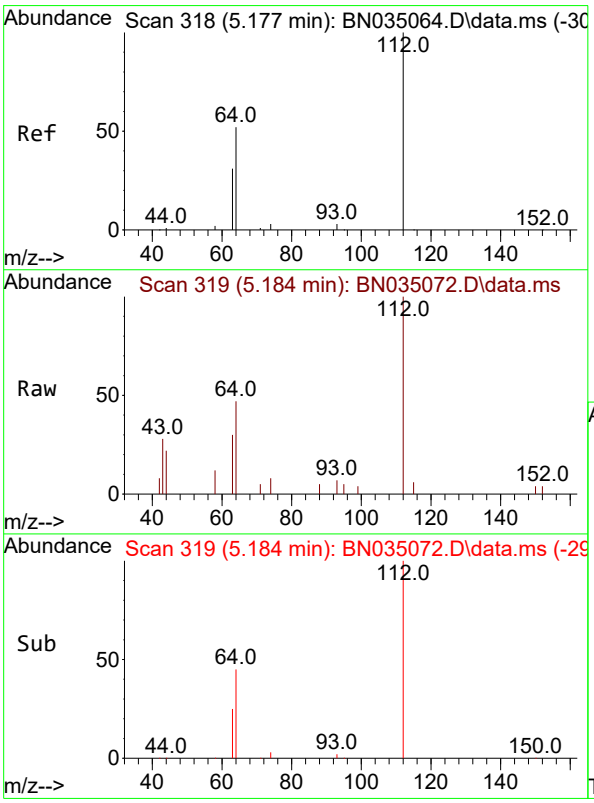
#3
n-Nitrosodimethylamine
Concen: 0.291 ng
RT: 3.466 min Scan# 8
Delta R.T. -0.014 min
Lab File: BN035072.D
Acq: 13 Nov 2024 18:38

Instrument :
BNA_N
ClientSampleId :
PB164785BSD

Tgt Ion: 42 Resp: 622

Ion	Ratio	Lower	Upper
42	100		
74	171.9	120.8	181.2
44	7.6	2.9	4.3#

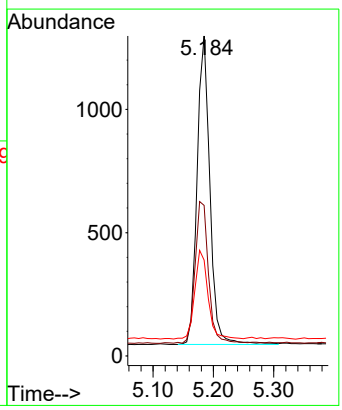


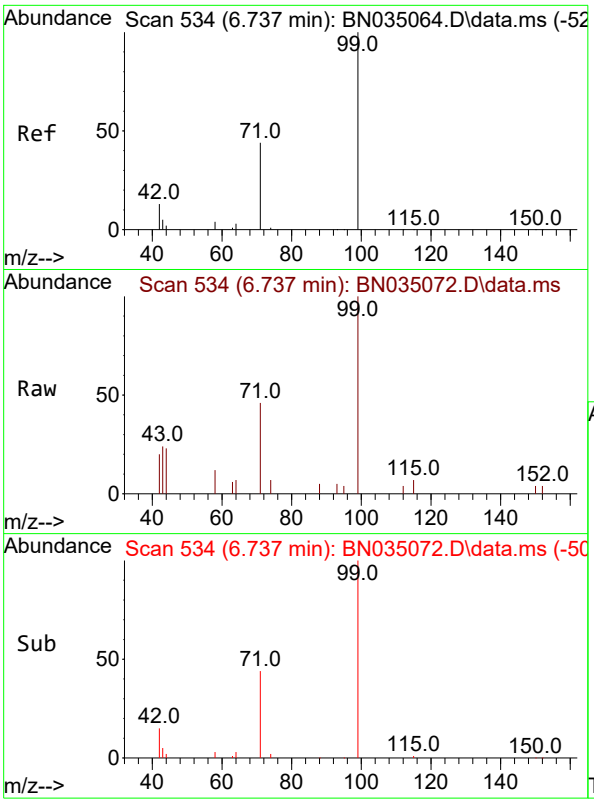


#4
2-Fluorophenol
Concen: 0.286 ng
RT: 5.184 min Scan# 319
Delta R.T. 0.007 min
Lab File: BN035072.D
Acq: 13 Nov 2024 18:38

Tgt Ion:112 Resp: 1833

Ion	Ratio	Lower	Upper
112	100		
64	47.9	39.7	59.5
63	29.5	23.0	34.4



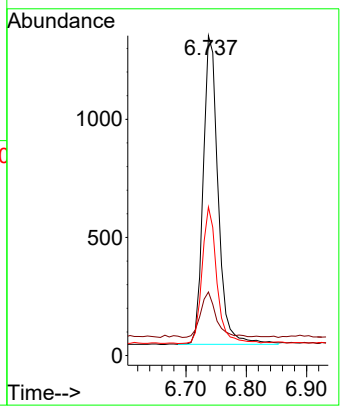


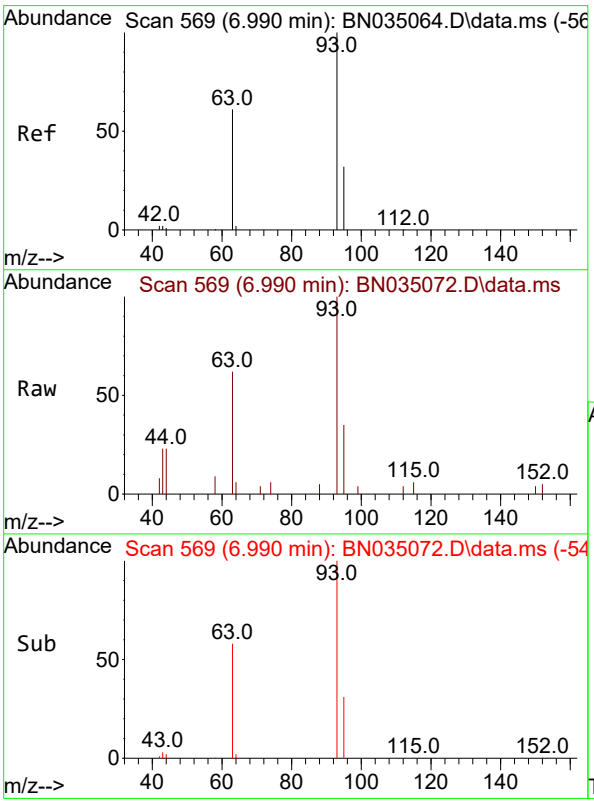
#5
Phenol-d6
Concen: 0.279 ng
RT: 6.737 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN035072.D
Acq: 13 Nov 2024 18:38

Instrument :
BNA_N
ClientSampleId :
PB164785BSD

Tgt Ion: 99 Resp: 2242

Ion	Ratio	Lower	Upper
99	100		
42	15.4	11.4	17.0
71	43.6	34.6	51.8

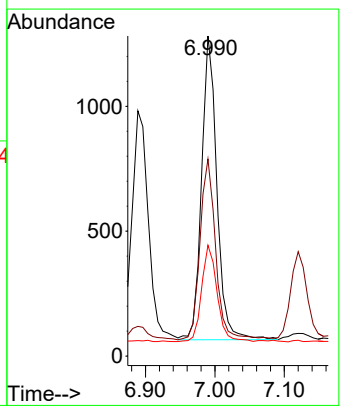


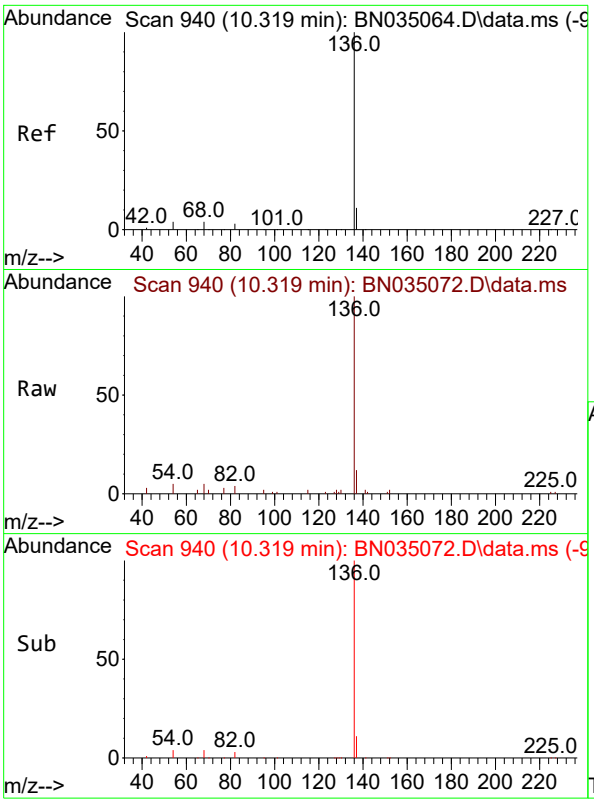


#6
bis(2-Chloroethyl)ether
Concen: 0.308 ng
RT: 6.990 min Scan# 569
Delta R.T. 0.000 min
Lab File: BN035072.D
Acq: 13 Nov 2024 18:38

Tgt Ion: 93 Resp: 1860

Ion	Ratio	Lower	Upper
93	100		
63	61.5	47.4	71.2
95	32.0	26.2	39.4



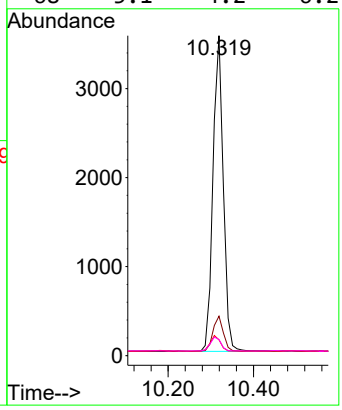


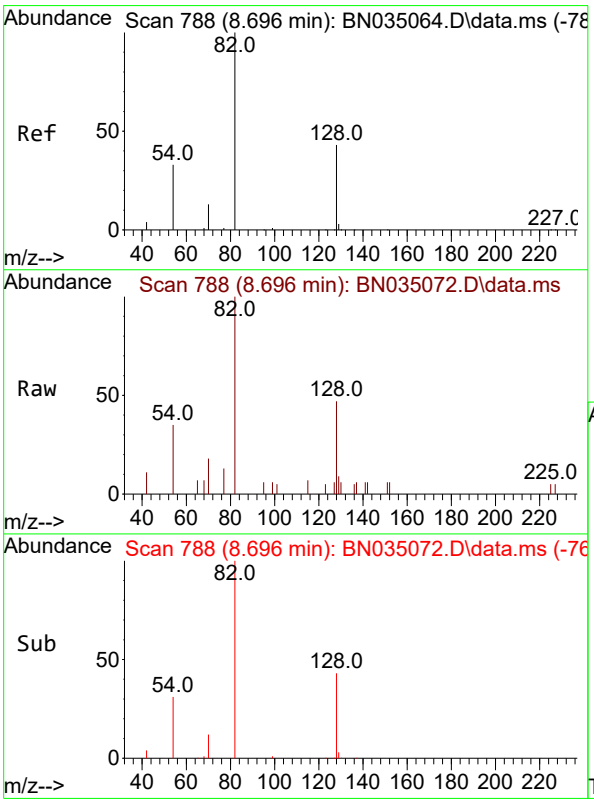
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.319 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN035072.D
Acq: 13 Nov 2024 18:38

Instrument :
BNA_N
ClientSampleId :
PB164785BSD

Tgt Ion:136 Resp: 5952

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.8	14.8
54	5.0	4.0	6.0
68	5.1	4.2	6.2

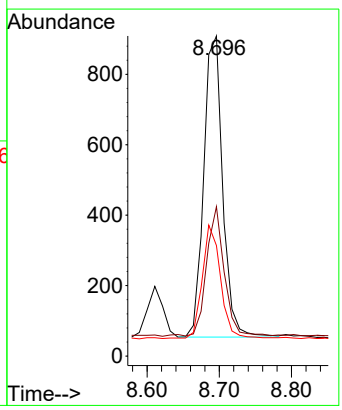


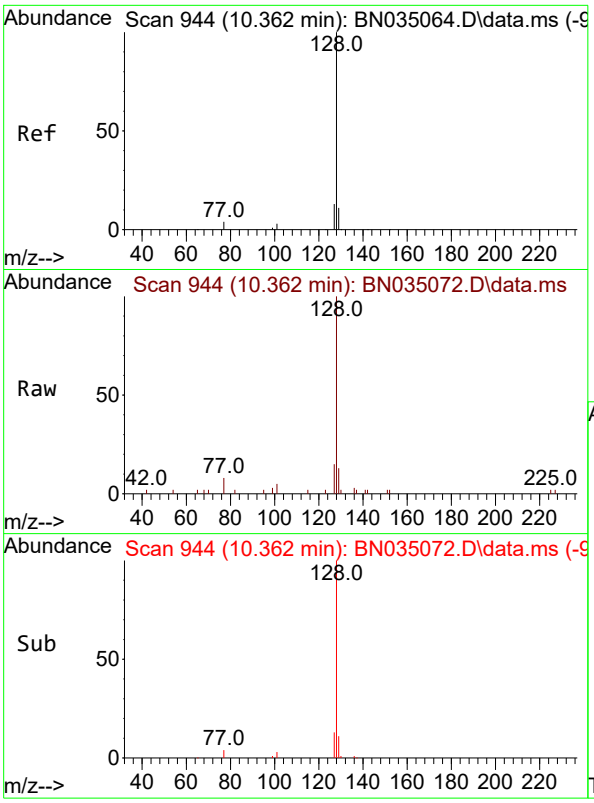


#8
Nitrobenzene-d5
Concen: 0.301 ng
RT: 8.696 min Scan# 788
Delta R.T. 0.000 min
Lab File: BN035072.D
Acq: 13 Nov 2024 18:38

Tgt Ion: 82 Resp: 1561

Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.5	54.7
54	34.5	28.7	43.1



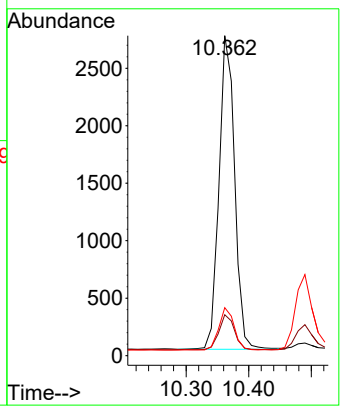


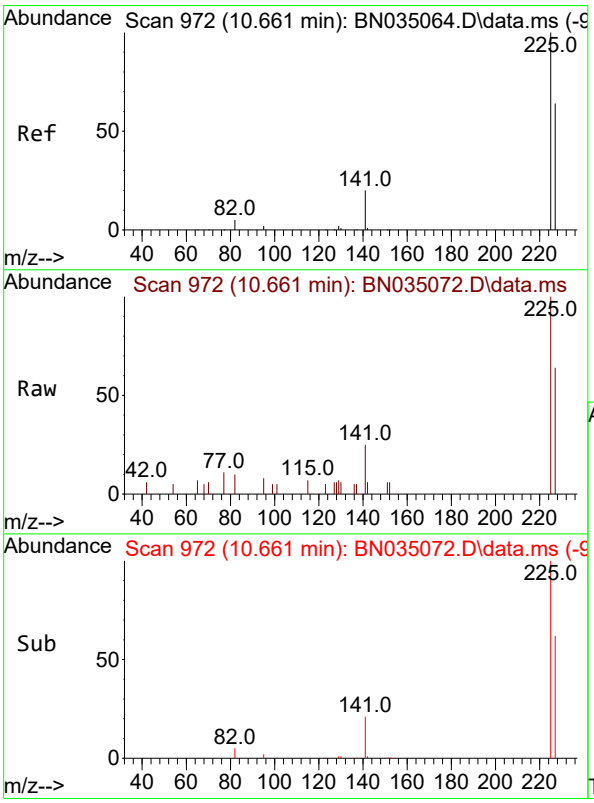
#9
Naphthalene
Concen: 0.306 ng
RT: 10.362 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN035072.D
Acq: 13 Nov 2024 18:38

Instrument :
BNA_N
ClientSampleId :
PB164785BSD

Tgt Ion:128 Resp: 4760

Ion	Ratio	Lower	Upper
128	100		
129	12.8	9.6	14.4
127	15.0	11.6	17.4

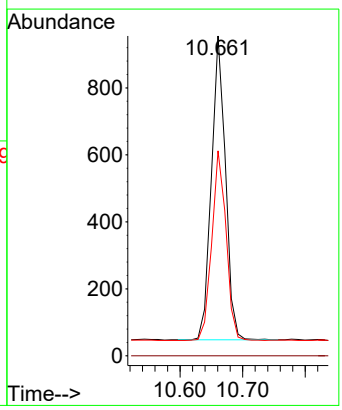


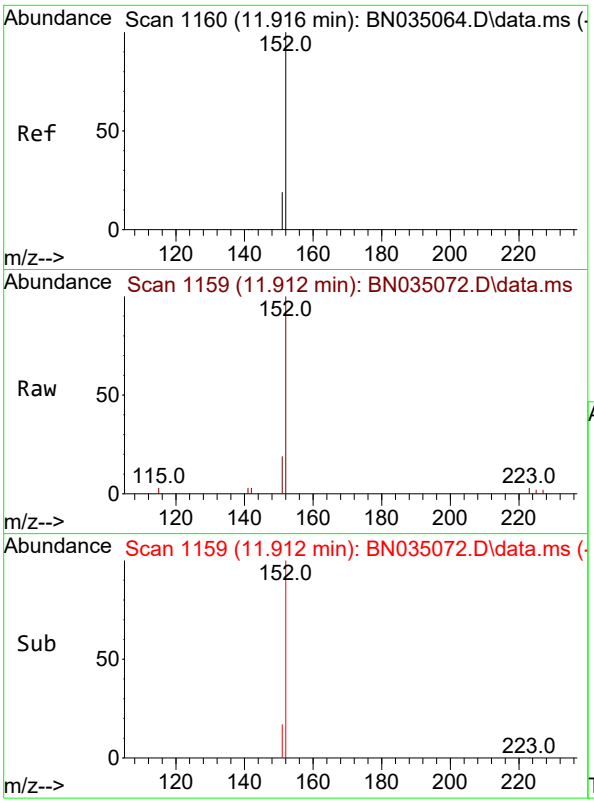


#10
Hexachlorobutadiene
Concen: 0.309 ng
RT: 10.661 min Scan# 972
Delta R.T. 0.000 min
Lab File: BN035072.D
Acq: 13 Nov 2024 18:38

Tgt Ion:225 Resp: 1409

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	51.5	77.3



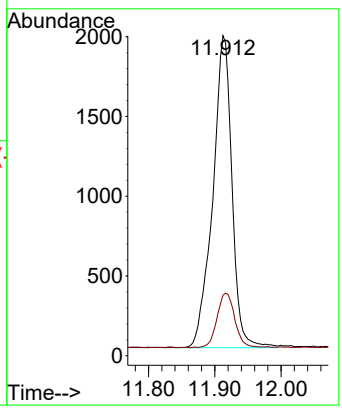


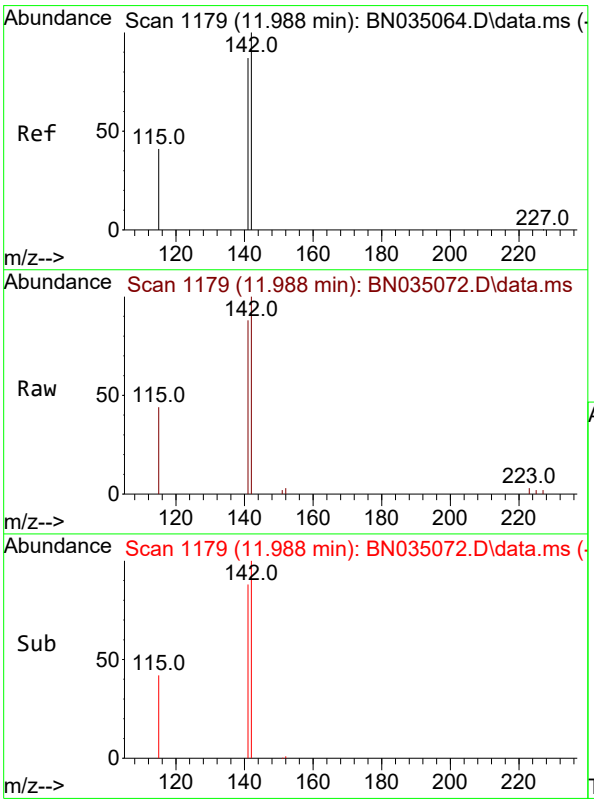
#11
2-Methylnaphthalene-d10
Concen: 0.372 ng
RT: 11.912 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN035072.D
Acq: 13 Nov 2024 18:38

Instrument :
BNA_N
ClientSampleId :
PB164785BSD

Tgt Ion:152 Resp: 3950

Ion	Ratio	Lower	Upper
152	100		
151	16.0	16.2	24.4#

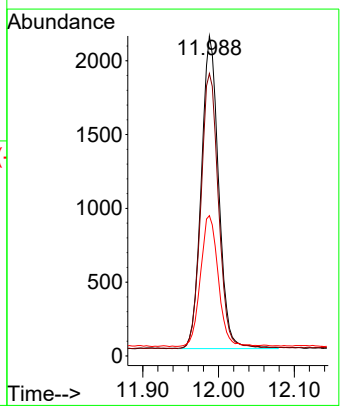


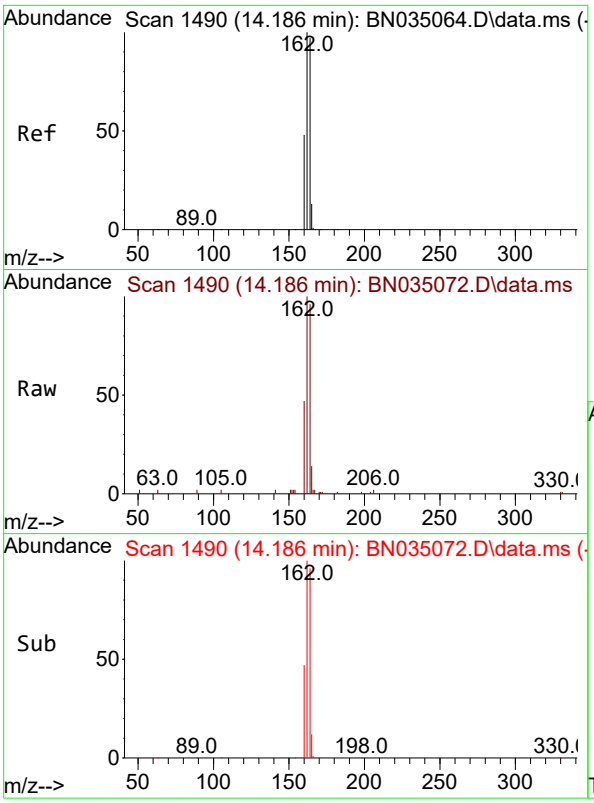


#12
2-Methylnaphthalene
Concen: 0.294 ng
RT: 11.988 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BN035072.D
Acq: 13 Nov 2024 18:38

Tgt Ion:142 Resp: 3367

Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.1	105.1
115	43.9	34.4	51.6



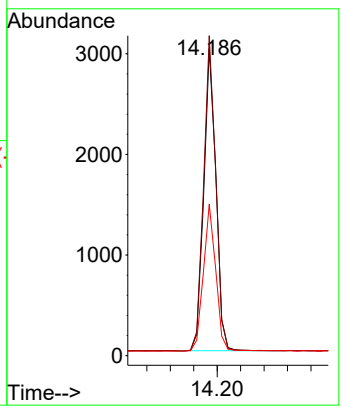


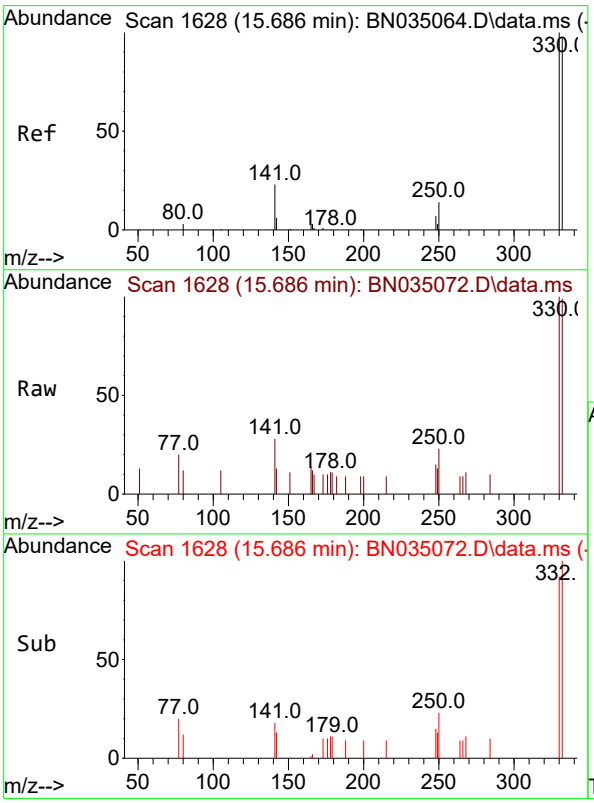
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.186 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN035072.D
Acq: 13 Nov 2024 18:38

Instrument :
BNA_N
ClientSampleId :
PB164785BSD

Tgt Ion:164 Resp: 4350

Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.2	123.2
160	49.3	40.2	60.4

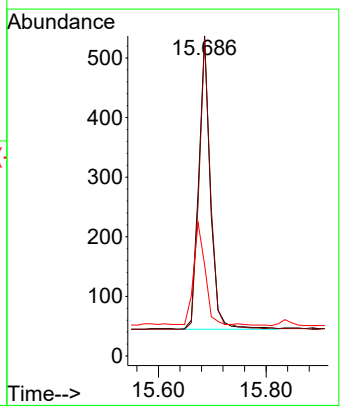


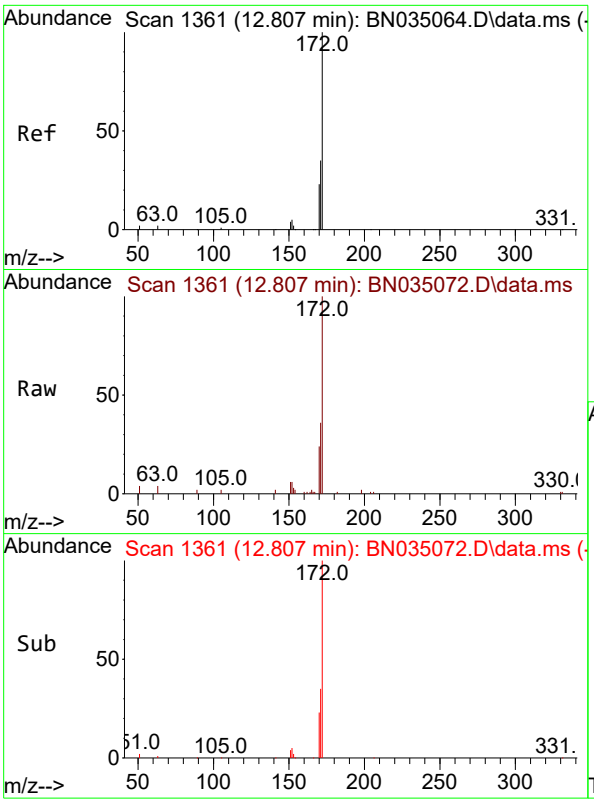


#14
2,4,6-Tribromophenol
Concen: 0.236 ng
RT: 15.686 min Scan# 1628
Delta R.T. 0.000 min
Lab File: BN035072.D
Acq: 13 Nov 2024 18:38

Tgt Ion:330 Resp: 740

Ion	Ratio	Lower	Upper
330	100		
332	98.0	76.9	115.3
141	34.3	29.6	44.4



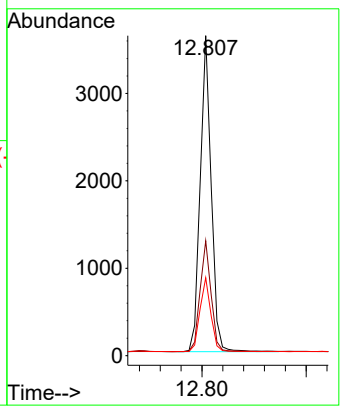


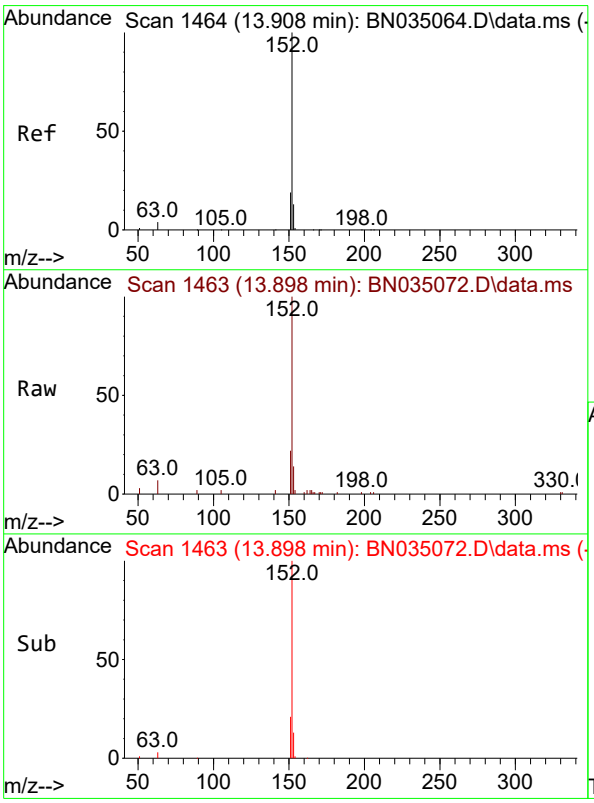
#15
2-Fluorobiphenyl
Concen: 0.300 ng
RT: 12.807 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN035072.D
Acq: 13 Nov 2024 18:38

Instrument :
BNA_N
ClientSampleId :
PB164785BSD

Tgt Ion:172 Resp: 5307

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.2	42.4
170	24.3	19.0	28.6

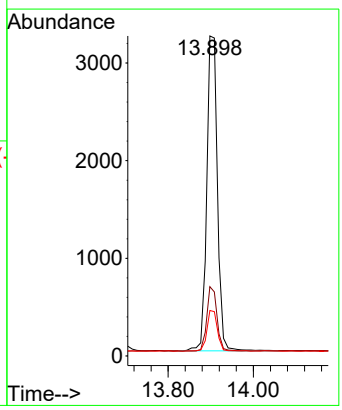


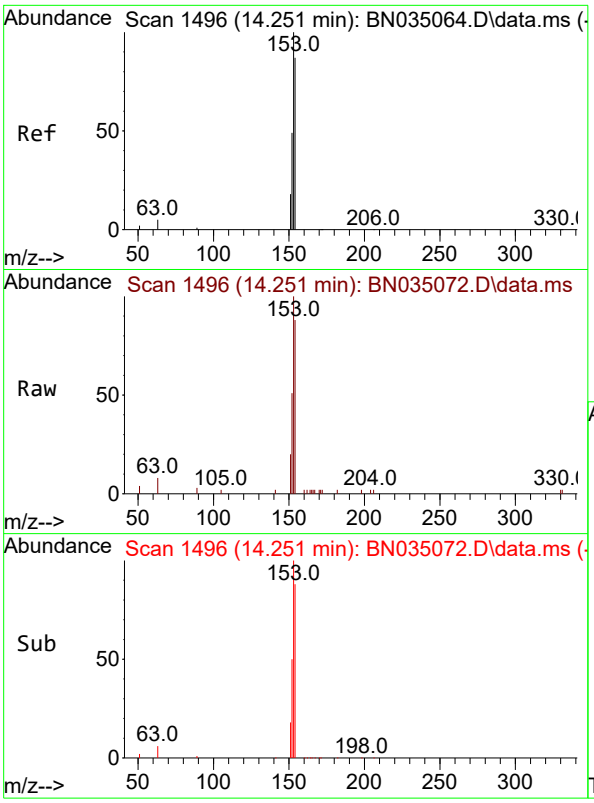


#16
Acenaphthylene
Concen: 0.301 ng
RT: 13.898 min Scan# 1463
Delta R.T. -0.011 min
Lab File: BN035072.D
Acq: 13 Nov 2024 18:38

Tgt Ion:152 Resp: 5590

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.8
153	12.7	10.2	15.4



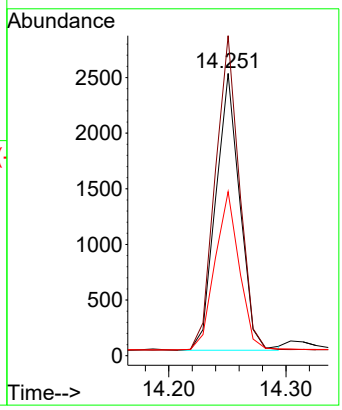


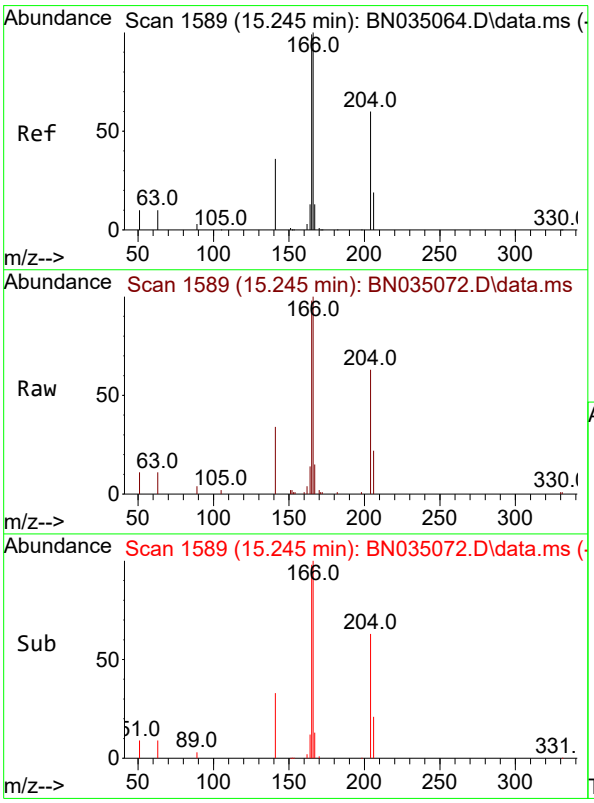
#17
Acenaphthene
Concen: 0.292 ng
RT: 14.251 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN035072.D
Acq: 13 Nov 2024 18:38

Instrument :
BNA_N
ClientSampleId :
PB164785BSD

Tgt Ion:154 Resp: 3555

Ion	Ratio	Lower	Upper
154	100		
153	113.9	91.6	137.4
152	57.9	45.8	68.6

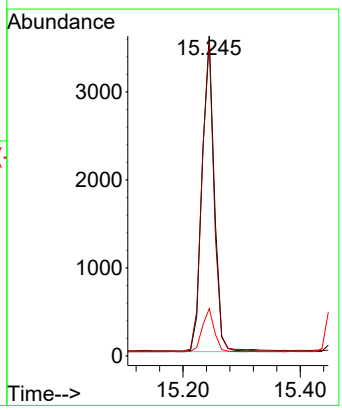


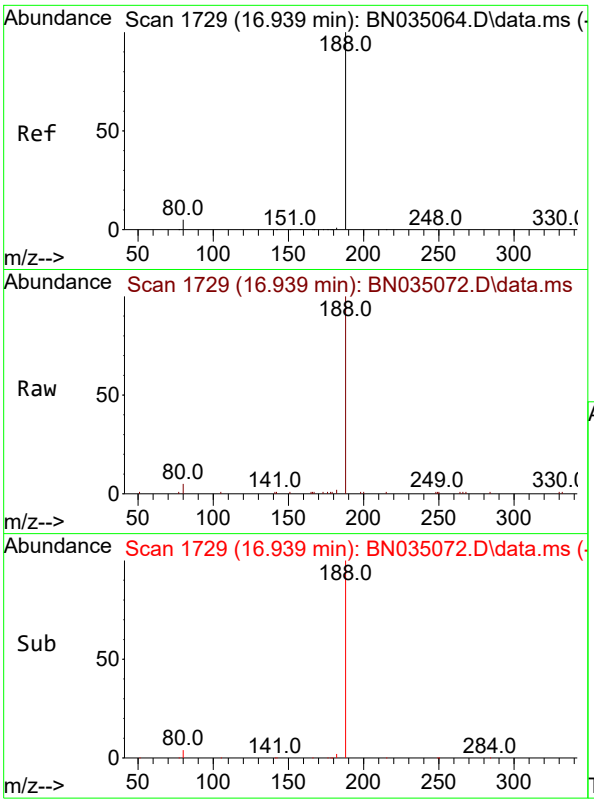


#18
Fluorene
Concen: 0.288 ng
RT: 15.245 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BN035072.D
Acq: 13 Nov 2024 18:38

Tgt Ion:166 Resp: 5161

Ion	Ratio	Lower	Upper
166	100		
165	97.6	79.1	118.7
167	13.3	10.6	16.0



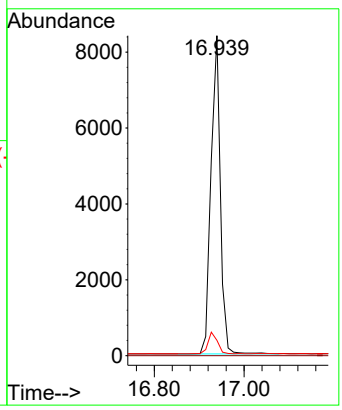


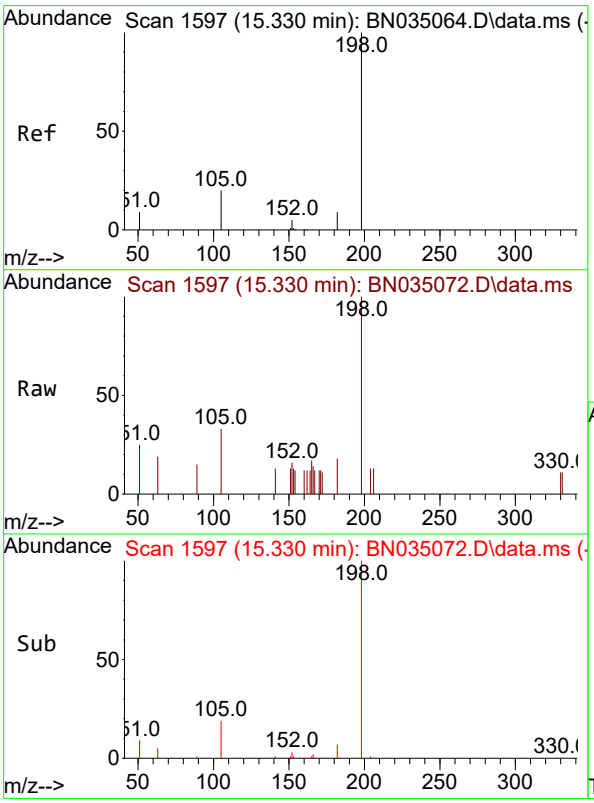
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.939 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN035072.D
Acq: 13 Nov 2024 18:38

Instrument :
BNA_N
ClientSampleId :
PB164785BSD

Tgt Ion:188 Resp: 12047

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	4.8	4.3	6.5

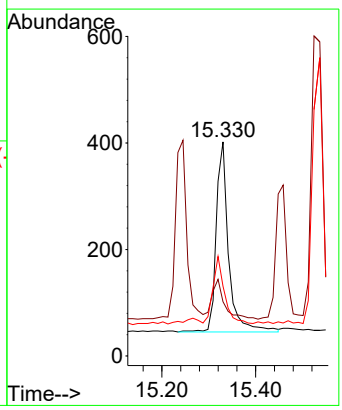


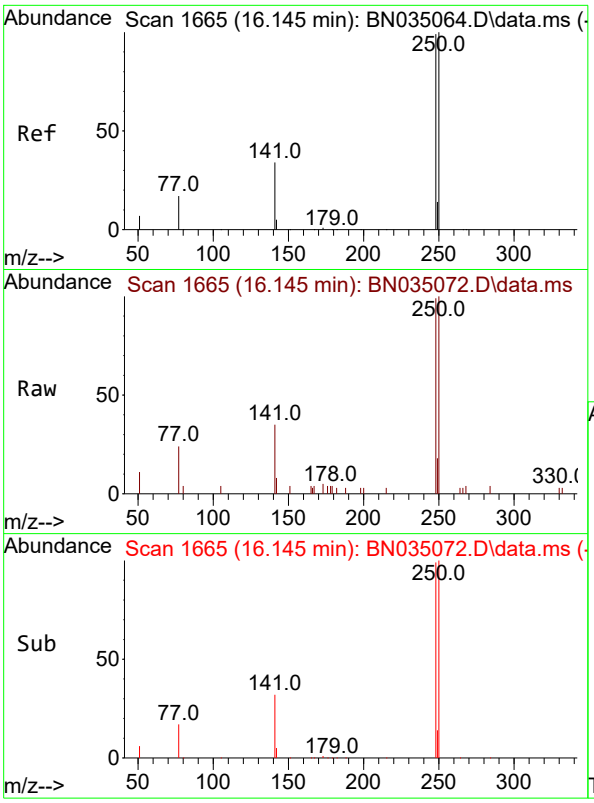


#20
4,6-Dinitro-2-methylphenol
Concen: 0.262 ng
RT: 15.330 min Scan# 1597
Delta R.T. 0.000 min
Lab File: BN035072.D
Acq: 13 Nov 2024 18:38

Tgt Ion:198 Resp: 656

Ion	Ratio	Lower	Upper
198	100		
51	25.4	29.9	44.9#
105	32.6	23.7	35.5



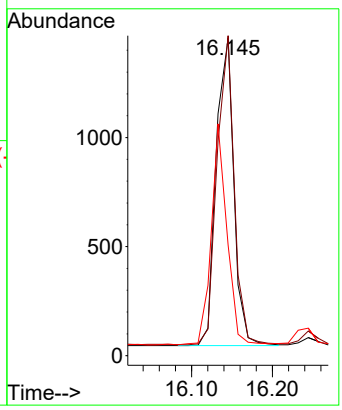


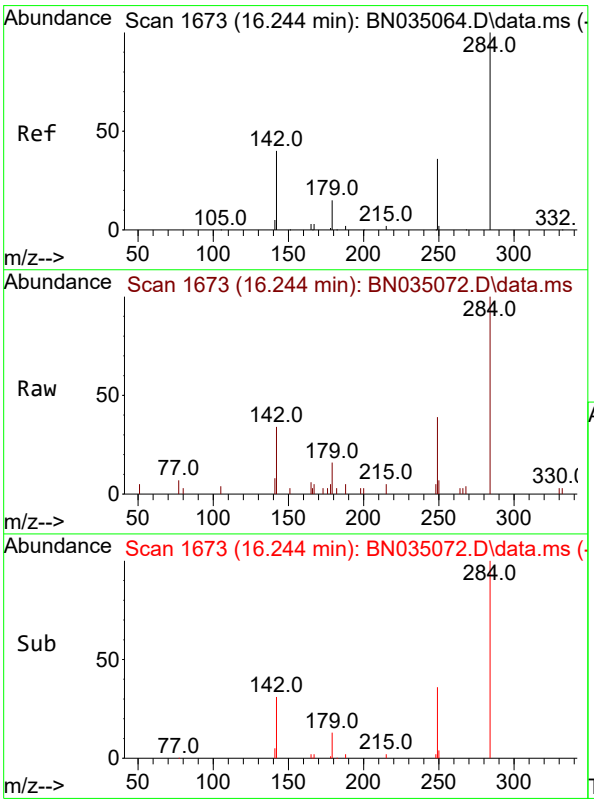
#21
4-Bromophenyl-phenylether
Concen: 0.281 ng
RT: 16.145 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN035072.D
Acq: 13 Nov 2024 18:38

Instrument :
BNA_N
ClientSampleId :
PB164785BSD

Tgt Ion:248 Resp: 2157

Ion	Ratio	Lower	Upper
248	100		
250	100.8	81.2	121.8
141	34.8	29.1	43.7

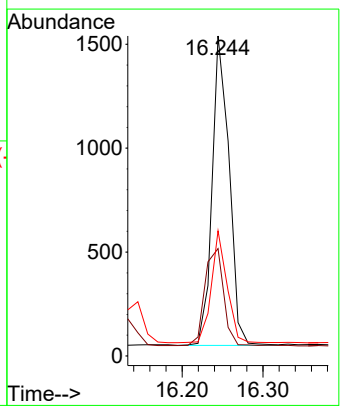


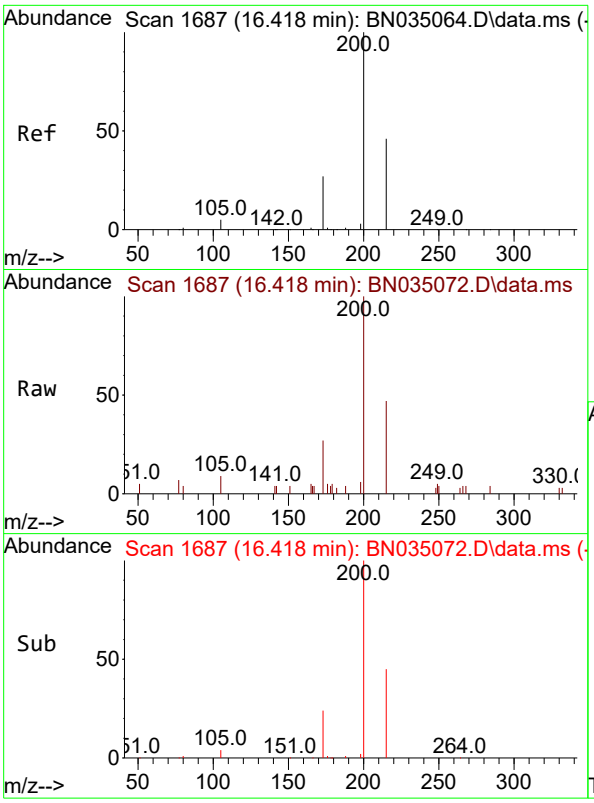


#22
Hexachlorobenzene
Concen: 0.272 ng
RT: 16.244 min Scan# 1673
Delta R.T. 0.000 min
Lab File: BN035072.D
Acq: 13 Nov 2024 18:38

Tgt Ion:284 Resp: 2166

Ion	Ratio	Lower	Upper
284	100		
142	35.2	28.2	42.4
249	34.5	26.2	39.2



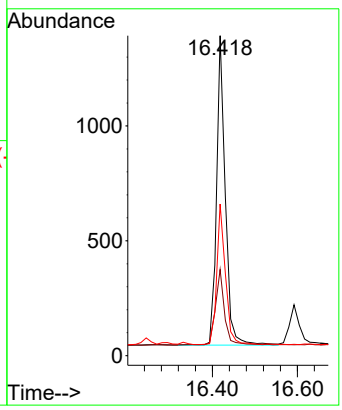


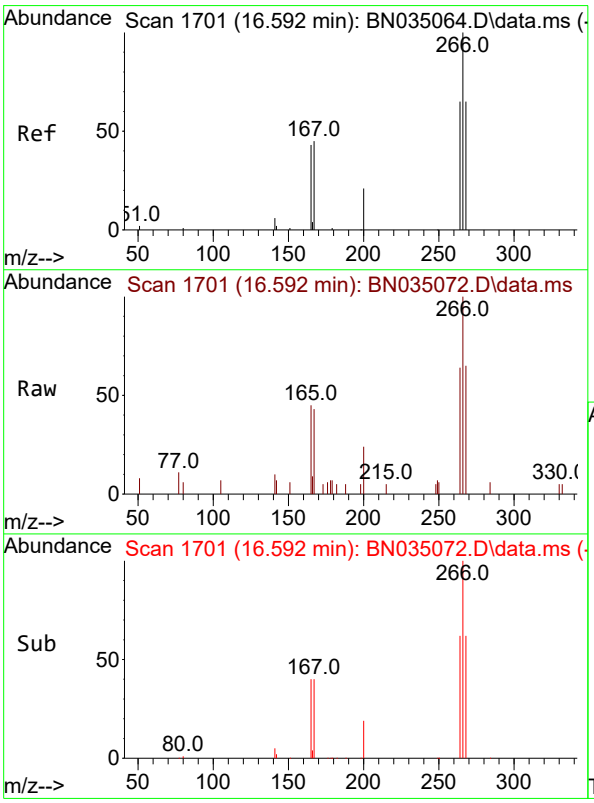
#23
Atrazine
Concen: 0.279 ng
RT: 16.418 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN035072.D
Acq: 13 Nov 2024 18:38

Instrument :
BNA_N
ClientSampleId :
PB164785BSD

Tgt Ion:200 Resp: 1921

Ion	Ratio	Lower	Upper
200	100		
173	26.9	22.6	33.8
215	47.4	37.8	56.6

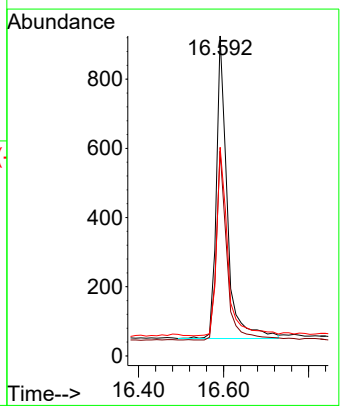


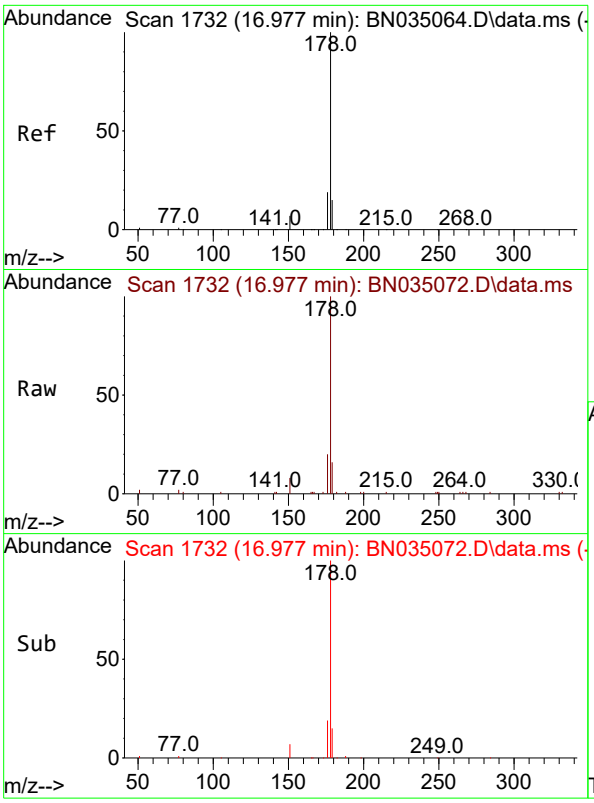


#24
Pentachlorophenol
Concen: 0.417 ng
RT: 16.592 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BN035072.D
Acq: 13 Nov 2024 18:38

Tgt Ion:266 Resp: 1552

Ion	Ratio	Lower	Upper
266	100		
264	60.6	49.4	74.0
268	63.7	52.6	79.0



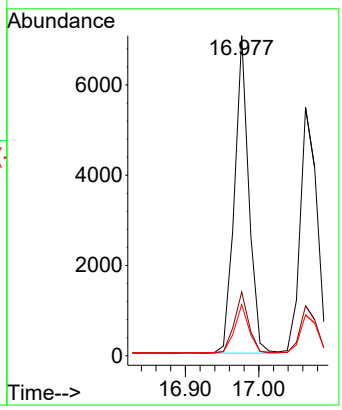


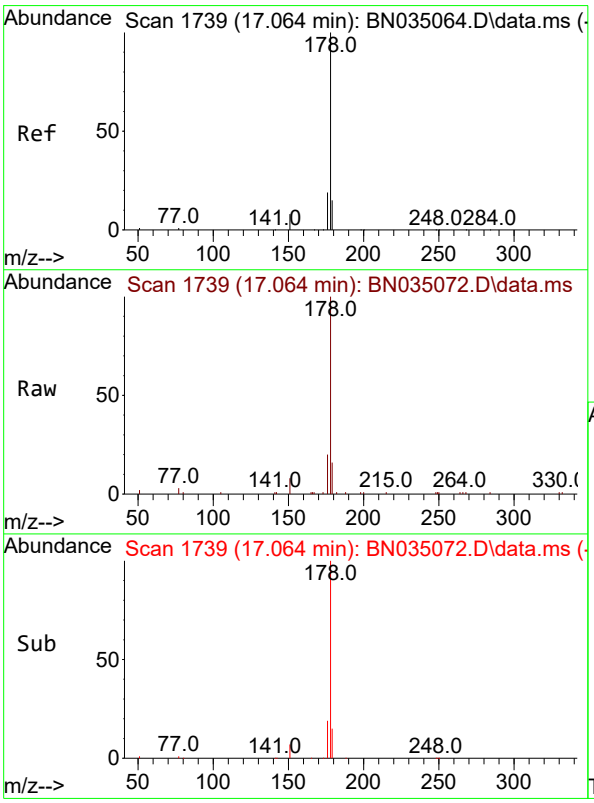
#25
Phenanthrene
Concen: 0.301 ng
RT: 16.977 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN035072.D
Acq: 13 Nov 2024 18:38

Instrument :
BNA_N
ClientSampleId :
PB164785BSD

Tgt Ion:178 Resp: 9528

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.2	22.8
179	15.3	12.6	18.8

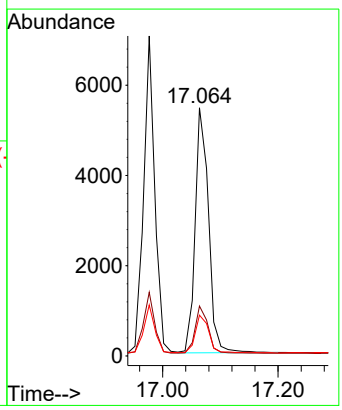


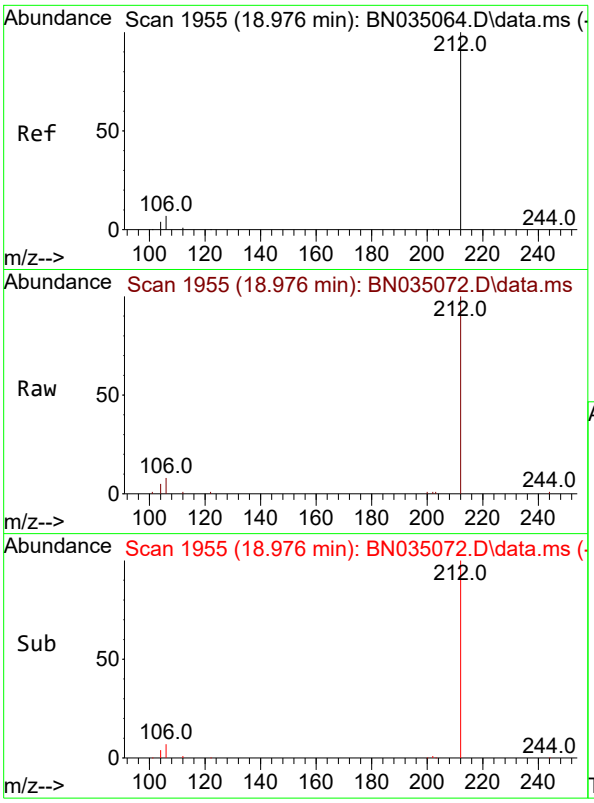


#26
Anthracene
Concen: 0.300 ng
RT: 17.064 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BN035072.D
Acq: 13 Nov 2024 18:38

Tgt Ion:178 Resp: 8746

Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.6	22.0
179	15.9	12.2	18.2



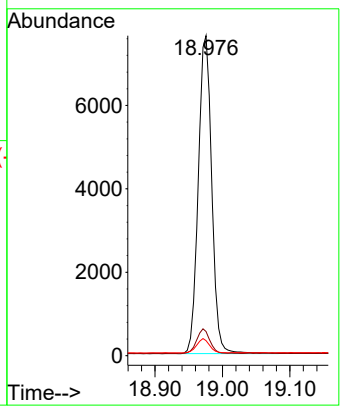


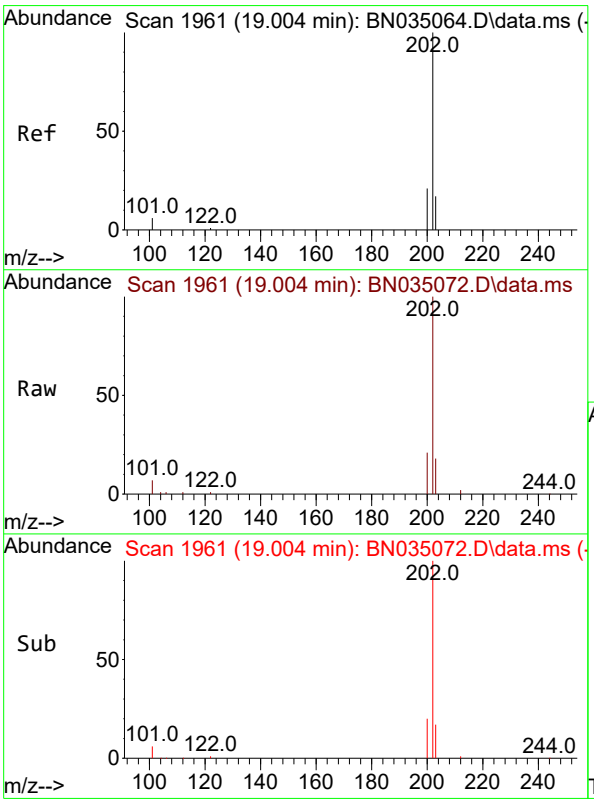
#27
Fluoranthene-d10
Concen: 0.286 ng
RT: 18.976 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN035072.D
Acq: 13 Nov 2024 18:38

Instrument :
BNA_N
ClientSampleId :
PB164785BSD

Tgt Ion:212 Resp: 10552

Ion	Ratio	Lower	Upper
212	100		
106	7.6	6.0	9.0
104	4.2	3.5	5.3

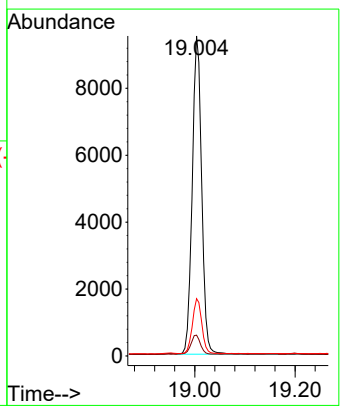


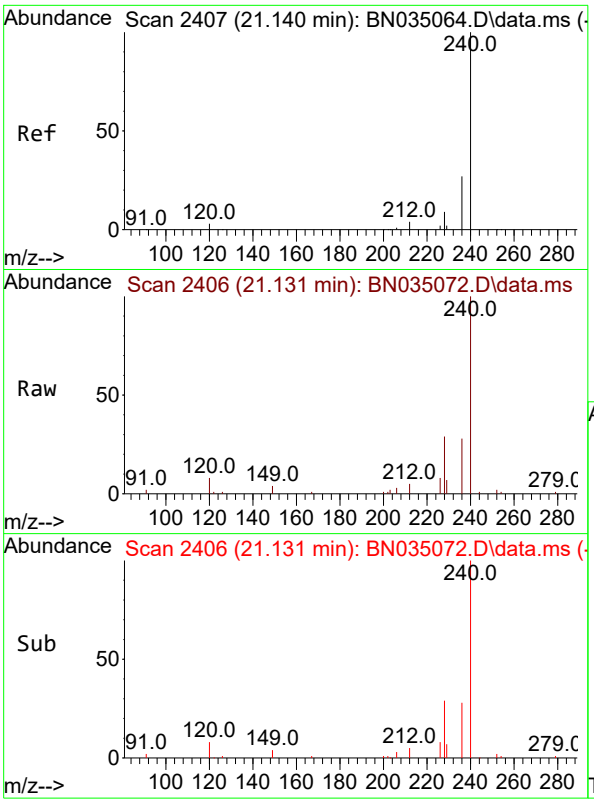


#28
Fluoranthene
Concen: 0.284 ng
RT: 19.004 min Scan# 1961
Delta R.T. 0.000 min
Lab File: BN035072.D
Acq: 13 Nov 2024 18:38

Tgt Ion:202 Resp: 12388

Ion	Ratio	Lower	Upper
202	100		
101	6.1	5.2	7.8
203	17.2	13.8	20.8



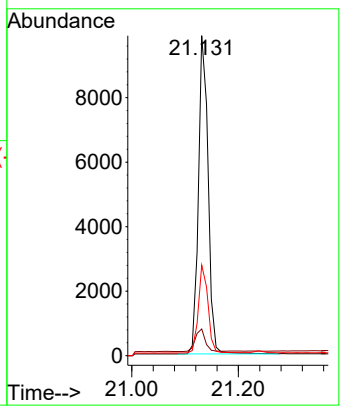


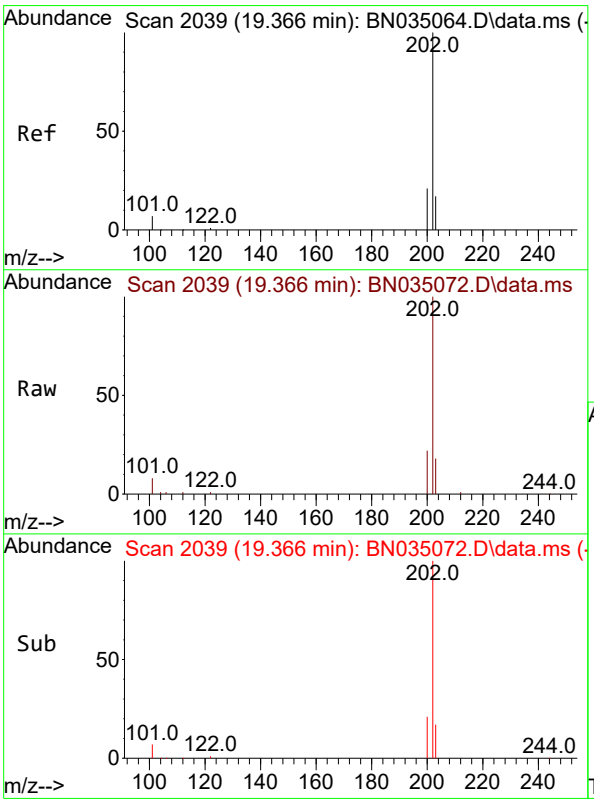
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.131 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN035072.D
Acq: 13 Nov 2024 18:38

Instrument :
BNA_N
ClientSampleId :
PB164785BSD

Tgt Ion:240 Resp: 12506

Ion	Ratio	Lower	Upper
240	100		
120	8.4	3.8	5.6#
236	28.3	22.2	33.2

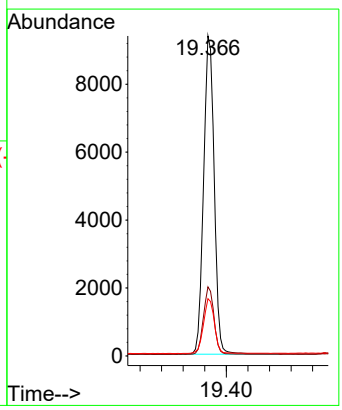


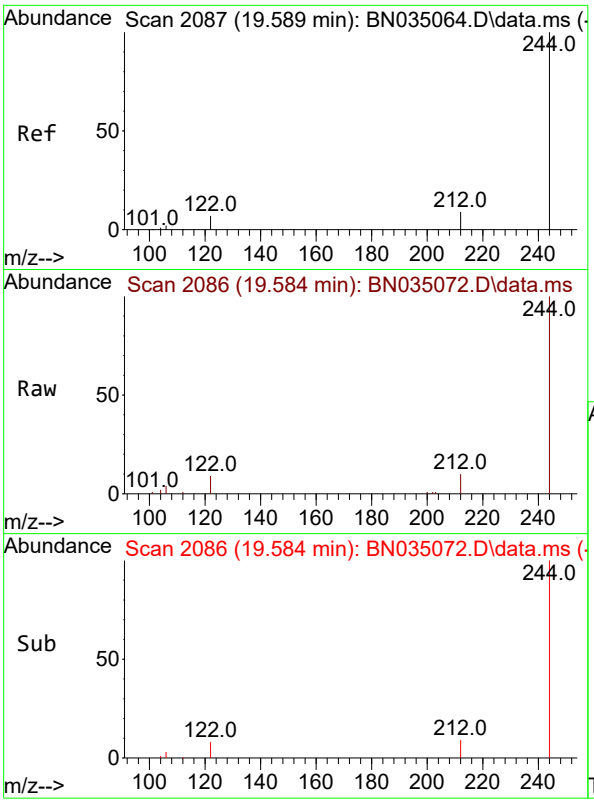


#30
Pyrene
Concen: 0.308 ng
RT: 19.366 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BN035072.D
Acq: 13 Nov 2024 18:38

Tgt Ion:202 Resp: 12807

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



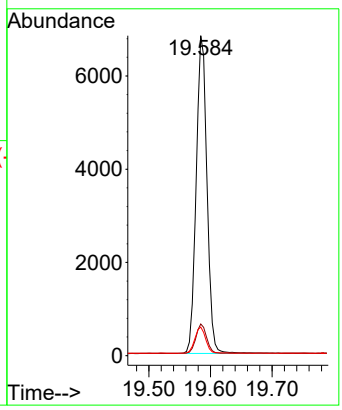


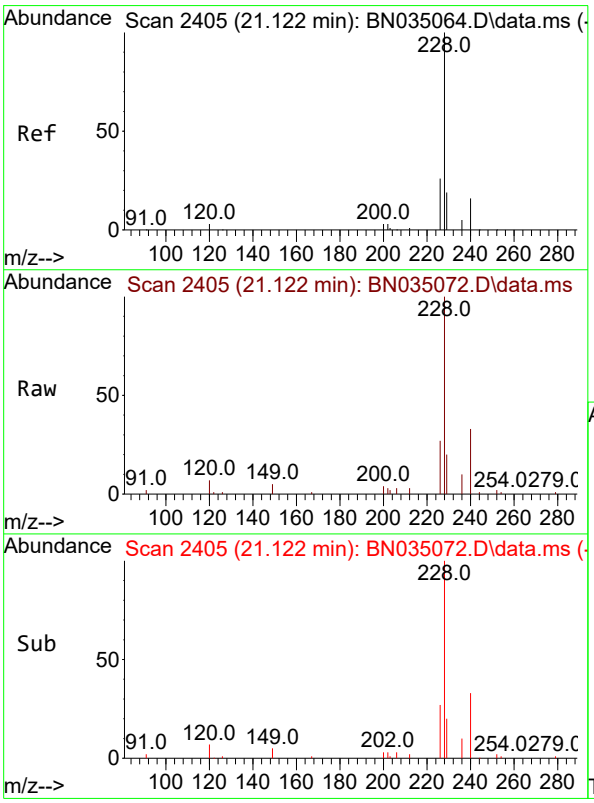
#31
Terphenyl-d14
Concen: 0.318 ng
RT: 19.584 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN035072.D
Acq: 13 Nov 2024 18:38

Instrument :
BNA_N
ClientSampleId :
PB164785BSD

Tgt Ion:244 Resp: 8336

Ion	Ratio	Lower	Upper
244	100		
212	9.9	7.6	11.4
122	8.9	6.1	9.1

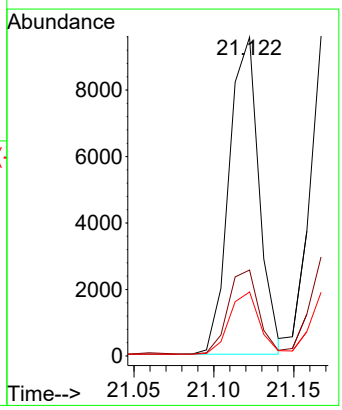


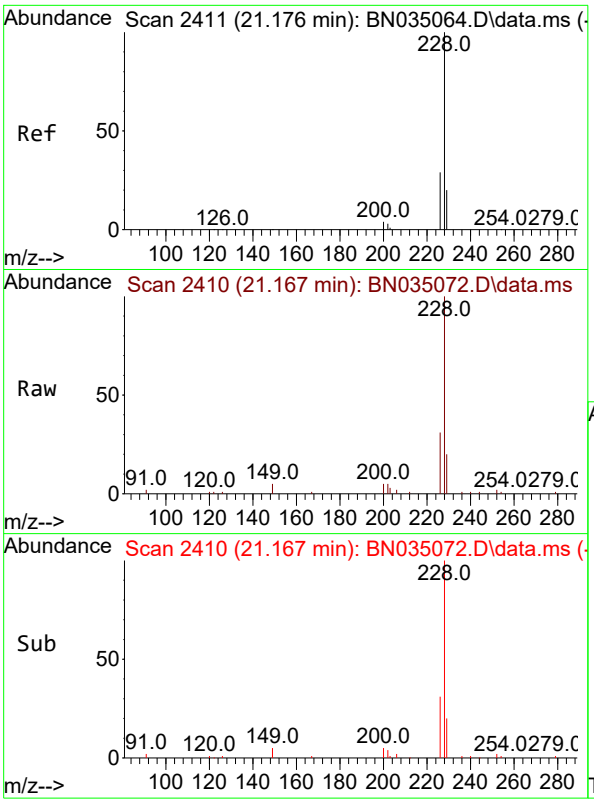


#32
Benzo(a)anthracene
Concen: 0.286 ng
RT: 21.122 min Scan# 2405
Delta R.T. 0.000 min
Lab File: BN035072.D
Acq: 13 Nov 2024 18:38

Tgt Ion:228 Resp: 12448

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.4	32.0
229	20.1	15.7	23.5



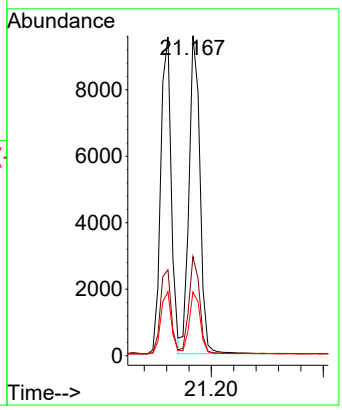


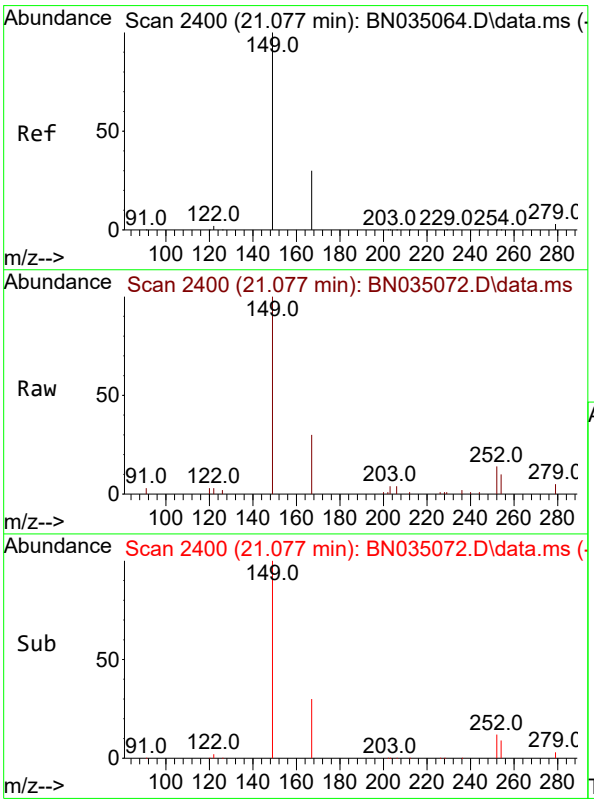
#33
Chrysene
Concen: 0.301 ng
RT: 21.167 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN035072.D
Acq: 13 Nov 2024 18:38

Instrument :
BNA_N
ClientSampleId :
PB164785BSD

Tgt Ion:228 Resp: 13004

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.7	35.5
229	19.9	16.2	24.4

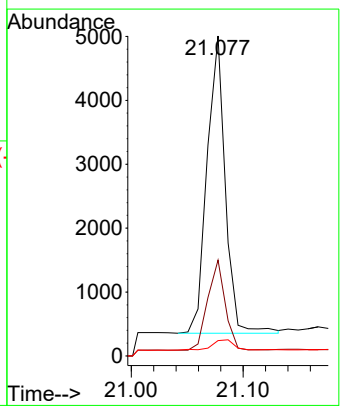


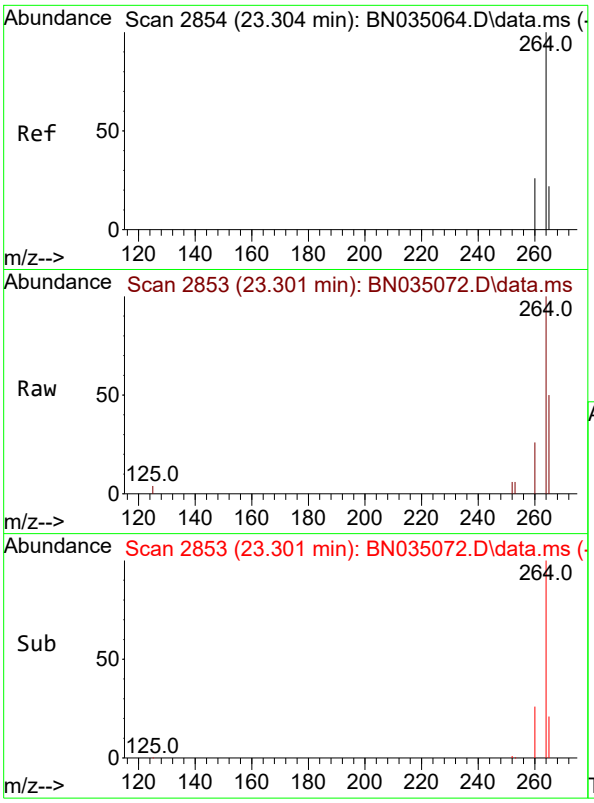


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.230 ng
RT: 21.077 min Scan# 2400
Delta R.T. 0.000 min
Lab File: BN035072.D
Acq: 13 Nov 2024 18:38

Tgt Ion:149 Resp: 5253

Ion	Ratio	Lower	Upper
149	100		
167	29.0	23.2	34.8
279	4.4	3.2	4.8



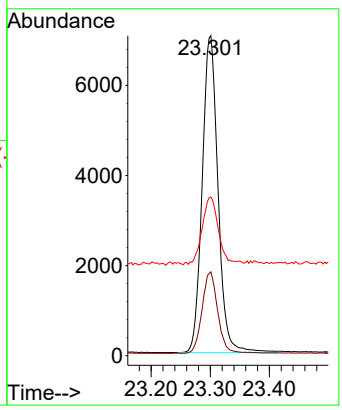


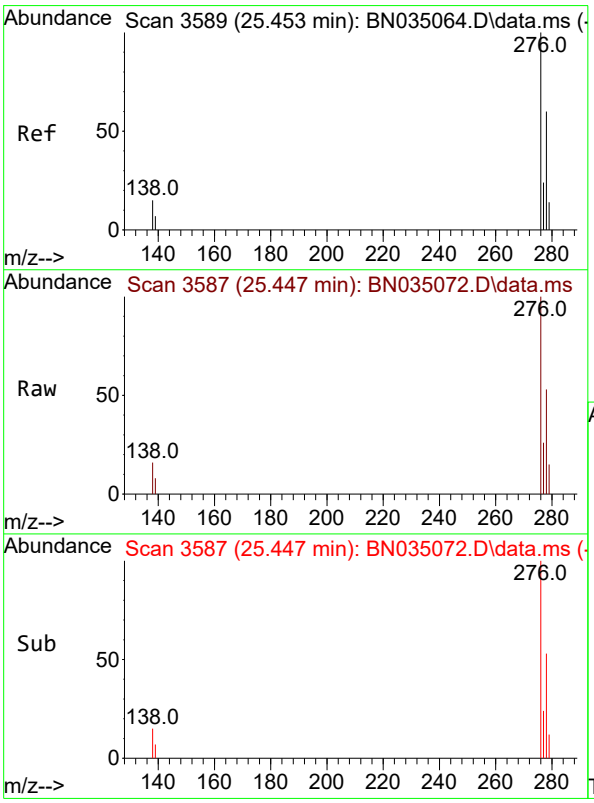
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.301 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN035072.D
Acq: 13 Nov 2024 18:38

Instrument :
BNA_N
ClientSampleId :
PB164785BSD

Tgt Ion:264 Resp: 13065

Ion	Ratio	Lower	Upper
264	100		
260	26.2	20.9	31.3
265	49.6	35.4	53.2

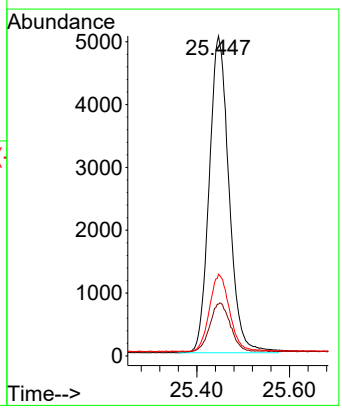


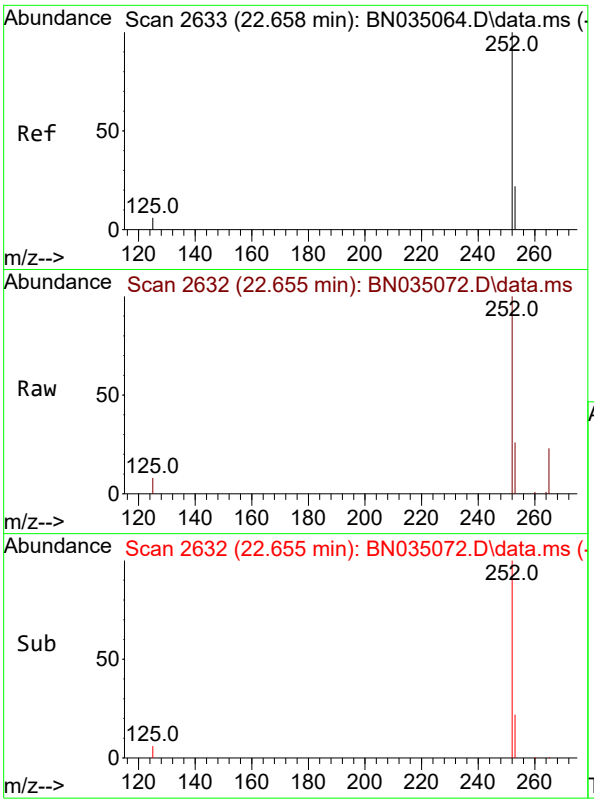


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.287 ng
RT: 25.447 min Scan# 3587
Delta R.T. -0.006 min
Lab File: BN035072.D
Acq: 13 Nov 2024 18:38

Tgt Ion:276 Resp: 14939

Ion	Ratio	Lower	Upper
276	100		
138	16.1	13.0	19.4
277	25.0	19.8	29.6



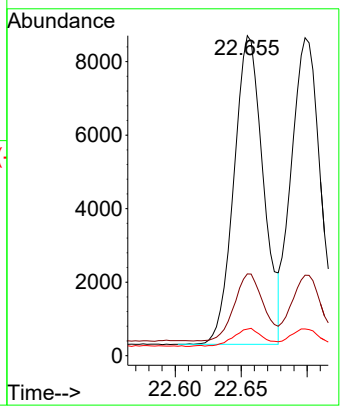


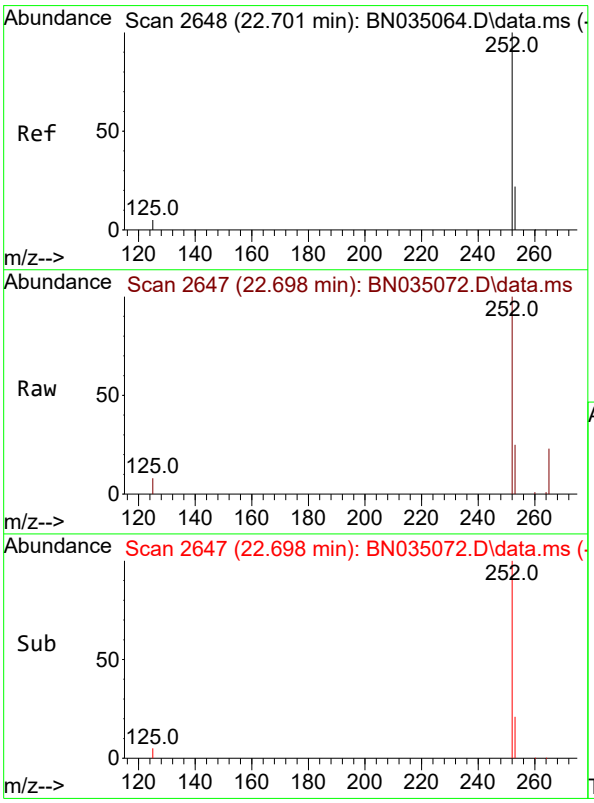
#37
Benzo(b)fluoranthene
Concen: 0.296 ng
RT: 22.655 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN035072.D
Acq: 13 Nov 2024 18:38

Instrument :
BNA_N
ClientSampleId :
PB164785BSD

Tgt Ion:252 Resp: 13004

Ion	Ratio	Lower	Upper
252	100		
253	25.5	19.3	28.9
125	8.3	6.2	9.2

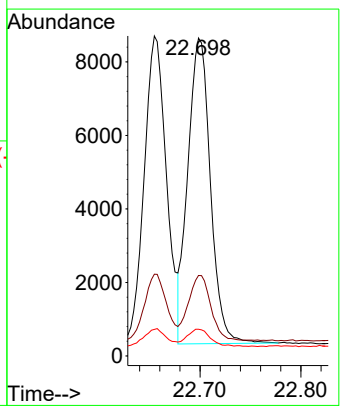


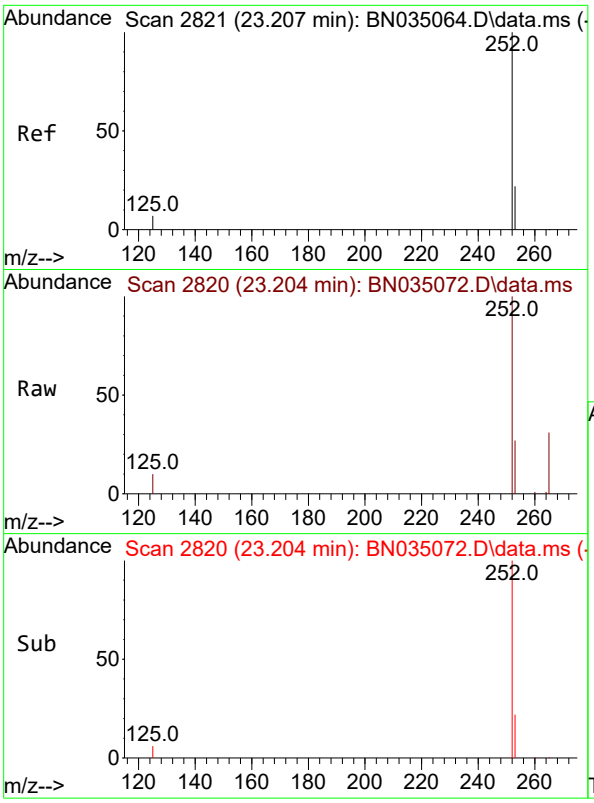


#38
Benzo(k)fluoranthene
Concen: 0.294 ng
RT: 22.698 min Scan# 2647
Delta R.T. -0.003 min
Lab File: BN035072.D
Acq: 13 Nov 2024 18:38

Tgt Ion:252 Resp: 12919

Ion	Ratio	Lower	Upper
252	100		
253	25.3	19.5	29.3
125	8.4	6.5	9.7



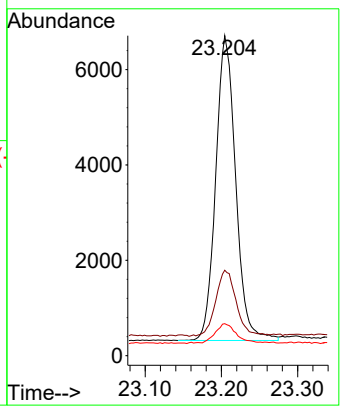


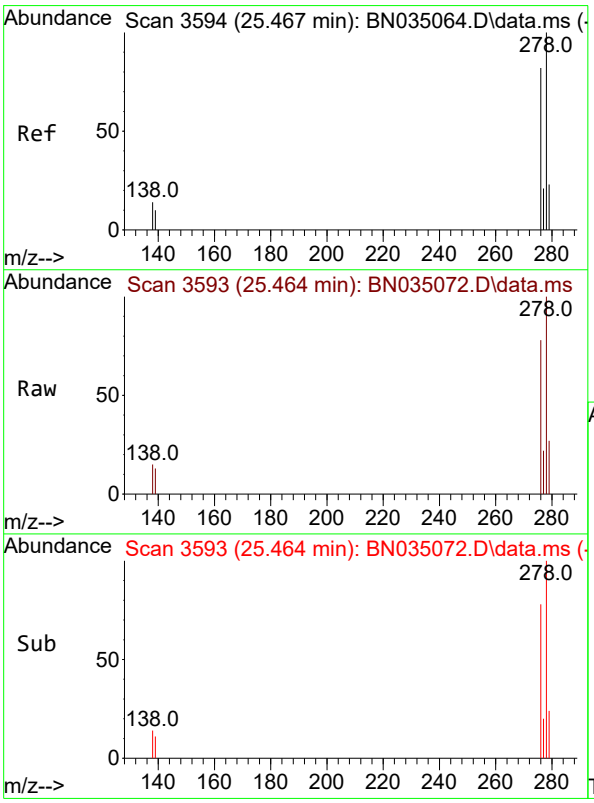
#39
Benzo(a)pyrene
Concen: 0.301 ng
RT: 23.204 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN035072.D
Acq: 13 Nov 2024 18:38

Instrument :
BNA_N
ClientSampleId :
PB164785BSD

Tgt Ion:252 Resp: 11655

Ion	Ratio	Lower	Upper
252	100		
253	26.7	20.1	30.1
125	10.0	7.5	11.3

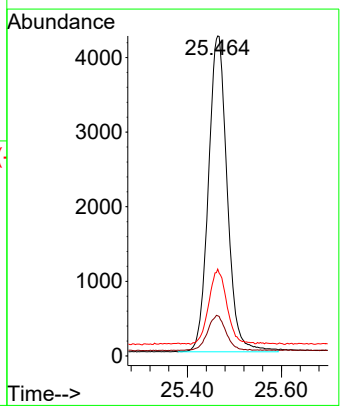


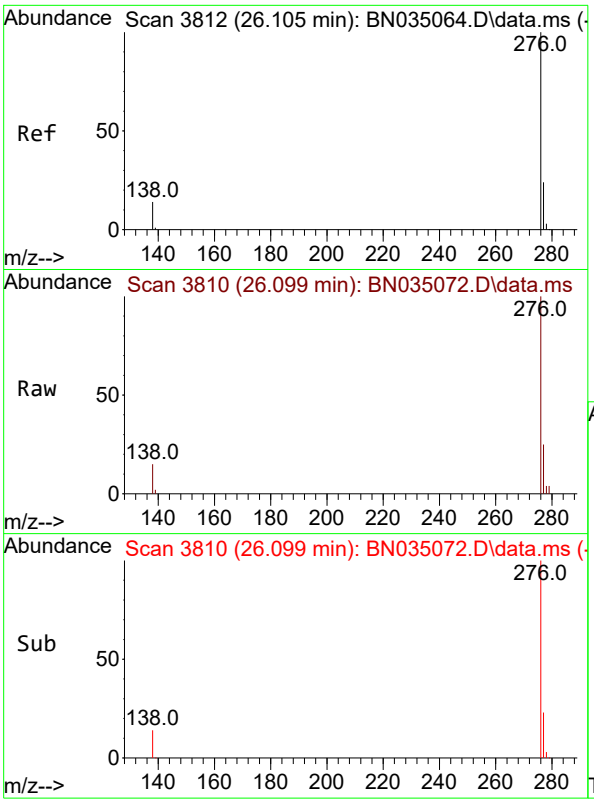


#40
Dibenzo(a,h)anthracene
Concen: 0.285 ng
RT: 25.464 min Scan# 3593
Delta R.T. -0.003 min
Lab File: BN035072.D
Acq: 13 Nov 2024 18:38

Tgt Ion:278 Resp: 11767

Ion	Ratio	Lower	Upper
278	100		
139	12.5	9.3	13.9
279	27.2	19.7	29.5





#41
Benzo(g,h,i)perylene
Concen: 0.268 ng
RT: 26.099 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN035072.D
Acq: 13 Nov 2024 18:38

Instrument :
BNA_N
ClientSampleId :
PB164785BSD

Tgt Ion:276 Resp: 11762

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.9	29.9
138	15.5	11.6	17.4