Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111324\
Data File : BN035069.D
Acq On : 13 Nov 2024 16:51
Operator : RC/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN111324

Quant Time: Nov 13 17:18:36 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

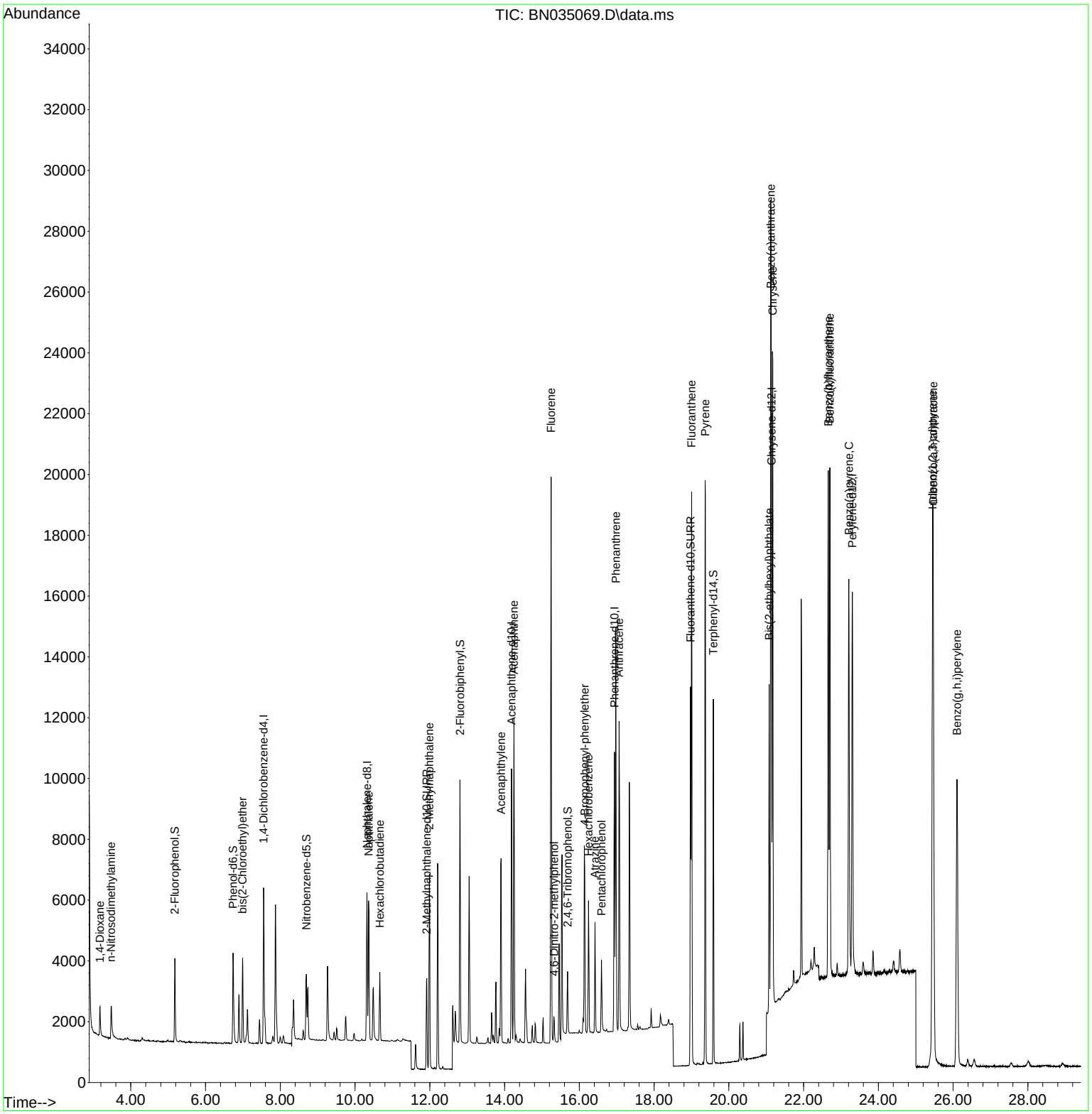
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.553	152	2509	0.400	ng		0.00
7) Naphthalene-d8	10.319	136	6367	0.400	ng		0.00
13) Acenaphthene-d10	14.186	164	4967	0.400	ng		0.00
19) Phenanthrene-d10	16.939	188	12682	0.400	ng		0.00
29) Chrysene-d12	21.140	240	14055	0.400	ng		0.00
35) Perylene-d12	23.304	264	15724	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.177	112	2342	0.368	ng		0.00
5) Phenol-d6	6.737	99	2867	0.359	ng		0.00
8) Nitrobenzene-d5	8.696	82	1983	0.358	ng		0.00
11) 2-Methylnaphthalene-d10	11.916	152	4166	0.367	ng		0.00
14) 2,4,6-Tribromophenol	15.686	330	1154	0.322	ng		0.00
15) 2-Fluorobiphenyl	12.807	172	7205	0.357	ng		0.00
27) Fluoranthene-d10	18.976	212	14530	0.374	ng		0.00
31) Terphenyl-d14	19.584	244	11240	0.381	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.177	88	845	0.371	ng		99
3) n-Nitrosodimethylamine	3.473	42	781	0.368	ng	#	94
6) bis(2-Chloroethyl)ether	6.990	93	2218	0.370	ng		98
9) Naphthalene	10.362	128	6092	0.366	ng		100
10) Hexachlorobutadiene	10.661	225	1817	0.373	ng	#	98
12) 2-Methylnaphthalene	11.988	142	4513	0.368	ng		99
16) Acenaphthylene	13.908	152	7387	0.348	ng		100
17) Acenaphthene	14.250	154	4995	0.359	ng		99
18) Fluorene	15.245	166	7206	0.352	ng		100
20) 4,6-Dinitro-2-methylph...	15.330	198	830	0.314	ng	#	90
21) 4-Bromophenyl-phenylether	16.145	248	3001	0.371	ng		98
22) Hexachlorobenzene	16.244	284	3175	0.379	ng		99
23) Atrazine	16.418	200	2682	0.370	ng		98
24) Pentachlorophenol	16.592	266	1269	0.324	ng		98
25) Phenanthrene	16.977	178	12517	0.375	ng		99
26) Anthracene	17.063	178	11219	0.366	ng		100
28) Fluoranthene	19.004	202	17084	0.372	ng		100
30) Pyrene	19.366	202	17580	0.376	ng		100
32) Benzo(a)anthracene	21.122	228	18406	0.376	ng		99
33) Chrysene	21.176	228	18693	0.386	ng		99
34) Bis(2-ethylhexyl)phtha...	21.077	149	8691	0.338	ng		100
36) Indeno(1,2,3-cd)pyrene	25.450	276	23546	0.375	ng		99
37) Benzo(b)fluoranthene	22.660	252	20039	0.379	ng		99
38) Benzo(k)fluoranthene	22.701	252	20114	0.380	ng		98
39) Benzo(a)pyrene	23.210	252	17596	0.378	ng		99
40) Dibenzo(a,h)anthracene	25.467	278	18547	0.373	ng		98
41) Benzo(g,h,i)perylene	26.104	276	19649	0.372	ng		99

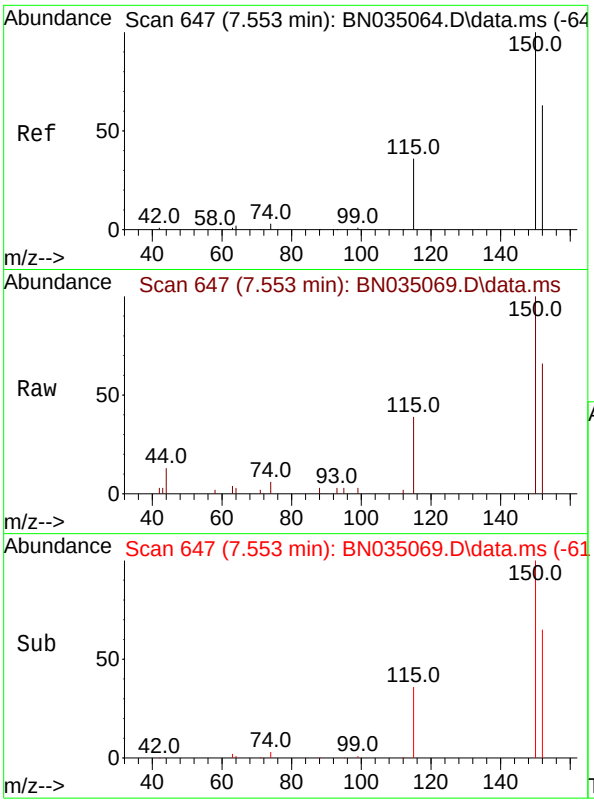
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111324\
Data File : BN035069.D
Acq On : 13 Nov 2024 16:51
Operator : RC/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN111324

Quant Time: Nov 13 17:18:36 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



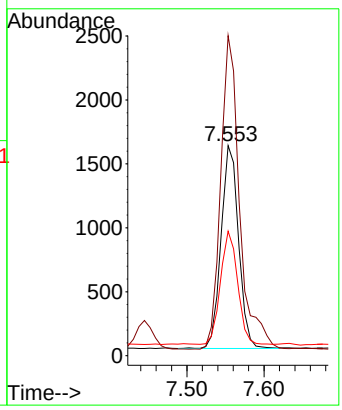


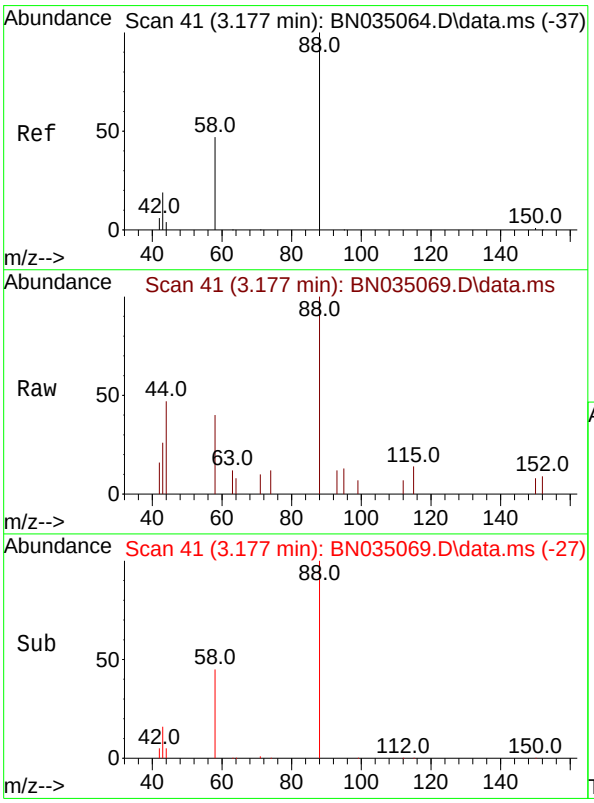
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.553 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN035069.D
Acq: 13 Nov 2024 16:51

Instrument :
BNA_N
ClientSampleId :
ICVBN111324

Tgt Ion:152 Resp: 2509

Ion	Ratio	Lower	Upper
152	100		
150	152.3	124.5	186.7
115	59.3	47.8	71.6

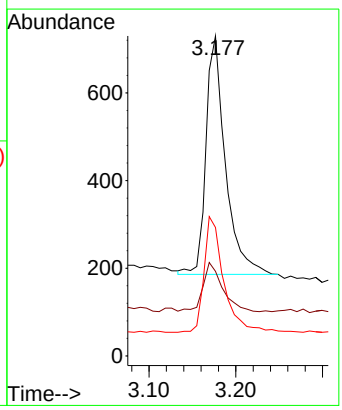


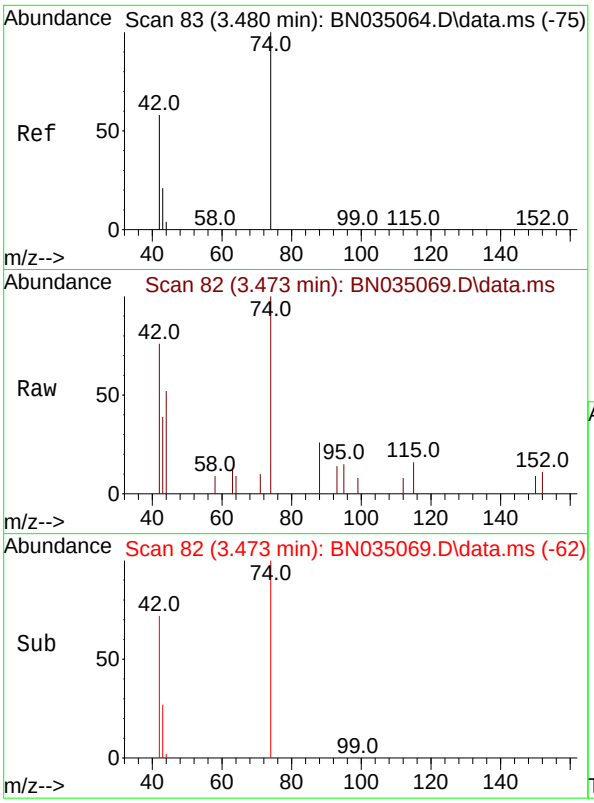


#2
1,4-Dioxane
Concen: 0.371 ng
RT: 3.177 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN035069.D
Acq: 13 Nov 2024 16:51

Tgt Ion: 88 Resp: 845

Ion	Ratio	Lower	Upper
88	100		
43	20.8	16.9	25.3
58	49.1	39.0	58.4



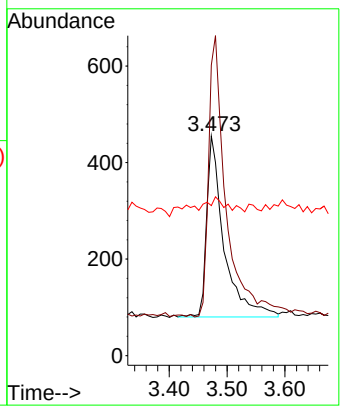


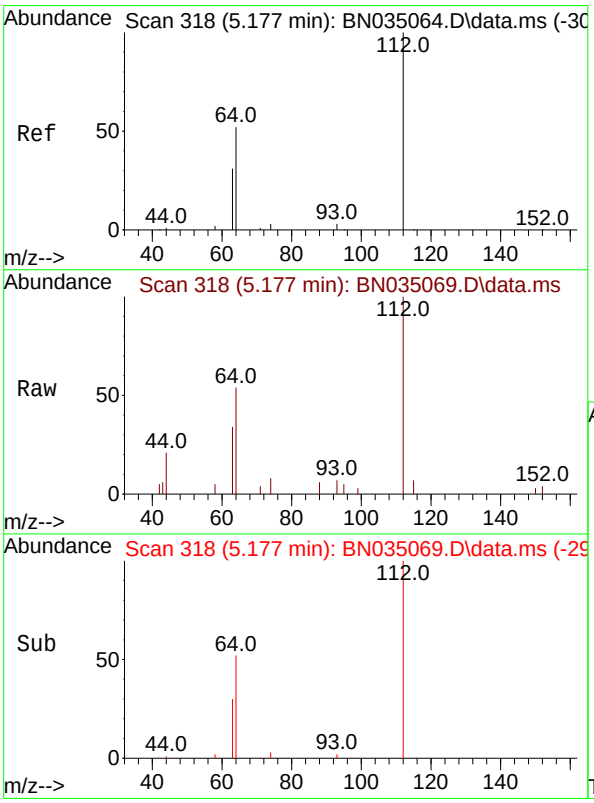
#3
n-Nitrosodimethylamine
Concen: 0.368 ng
RT: 3.473 min Scan# 8
Delta R.T. -0.007 min
Lab File: BN035069.D
Acq: 13 Nov 2024 16:51

Instrument :
BNA_N
ClientSampleId :
ICVBN111324

Tgt Ion: 42 Resp: 781

Ion	Ratio	Lower	Upper
42	100		
74	158.6	120.8	181.2
44	8.7	2.9	4.3#

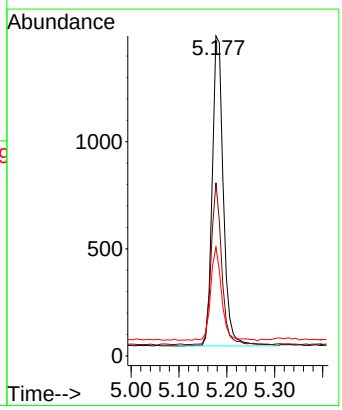


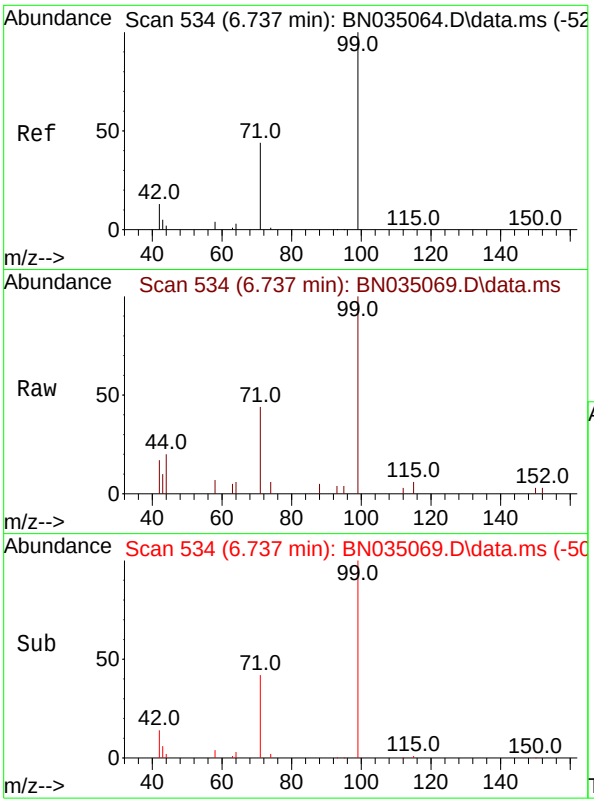


#4
2-Fluorophenol
Concen: 0.368 ng
RT: 5.177 min Scan# 318
Delta R.T. -0.000 min
Lab File: BN035069.D
Acq: 13 Nov 2024 16:51

Tgt Ion:112 Resp: 2342

Ion	Ratio	Lower	Upper
112	100		
64	48.8	39.7	59.5
63	30.1	23.0	34.4



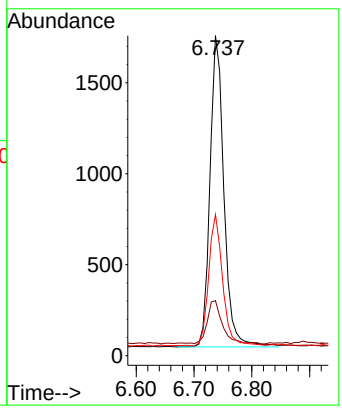


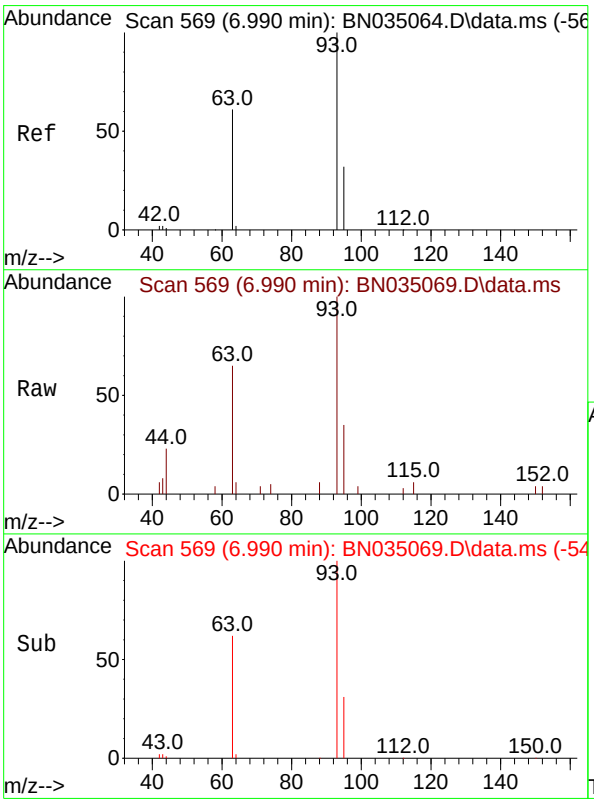
#5
Phenol-d6
Concen: 0.359 ng
RT: 6.737 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN035069.D
Acq: 13 Nov 2024 16:51

Instrument :
BNA_N
ClientSampleId :
ICVBN111324

Tgt Ion: 99 Resp: 2867

Ion	Ratio	Lower	Upper
99	100		
42	14.4	11.4	17.0
71	42.1	34.6	51.8

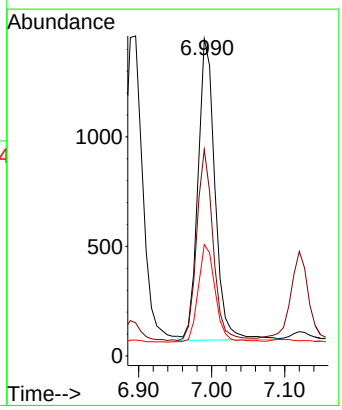


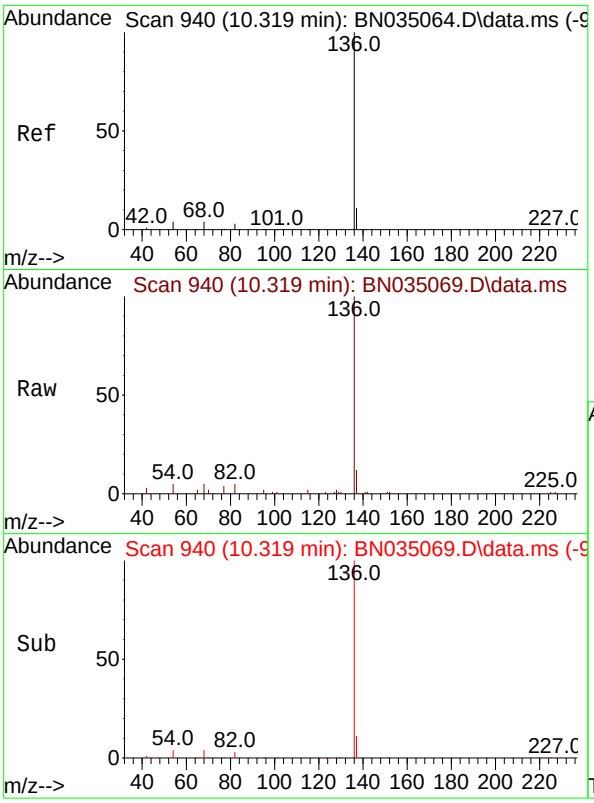


#6
bis(2-Chloroethyl)ether
Concen: 0.370 ng
RT: 6.990 min Scan# 569
Delta R.T. -0.000 min
Lab File: BN035069.D
Acq: 13 Nov 2024 16:51

Tgt Ion: 93 Resp: 2218

Ion	Ratio	Lower	Upper
93	100		
63	61.3	47.4	71.2
95	33.0	26.2	39.4



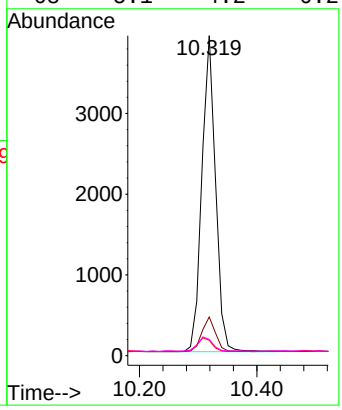


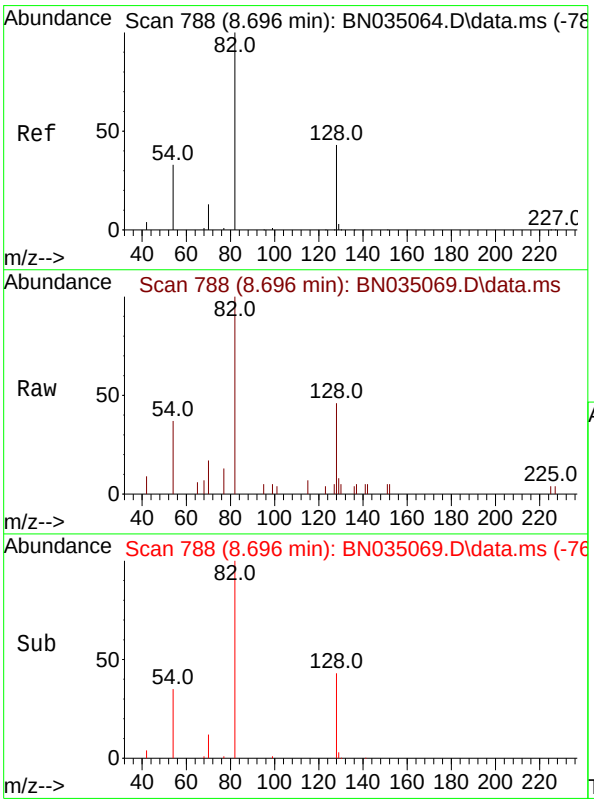
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.319 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN035069.D
Acq: 13 Nov 2024 16:51

Instrument :
BNA_N
ClientSampleId :
ICVBN111324

Tgt Ion:136 Resp: 6367

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.8	14.8
54	4.8	4.0	6.0
68	5.1	4.2	6.2

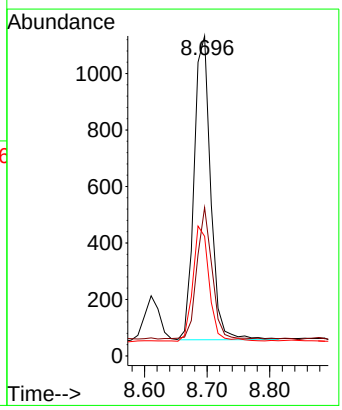


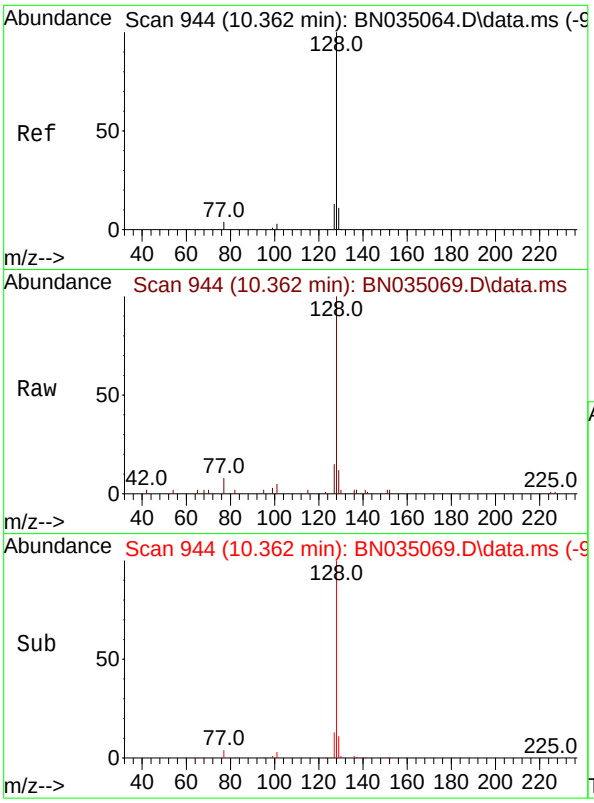


#8
Nitrobenzene-d5
Concen: 0.358 ng
RT: 8.696 min Scan# 788
Delta R.T. -0.000 min
Lab File: BN035069.D
Acq: 13 Nov 2024 16:51

Tgt Ion: 82 Resp: 1983

Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.5	54.7
54	37.4	28.7	43.1



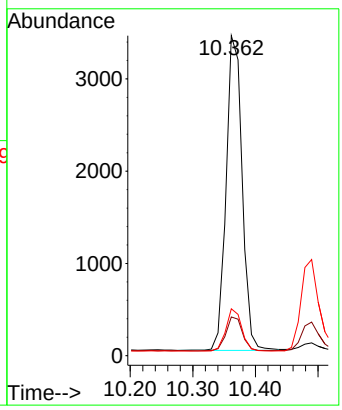


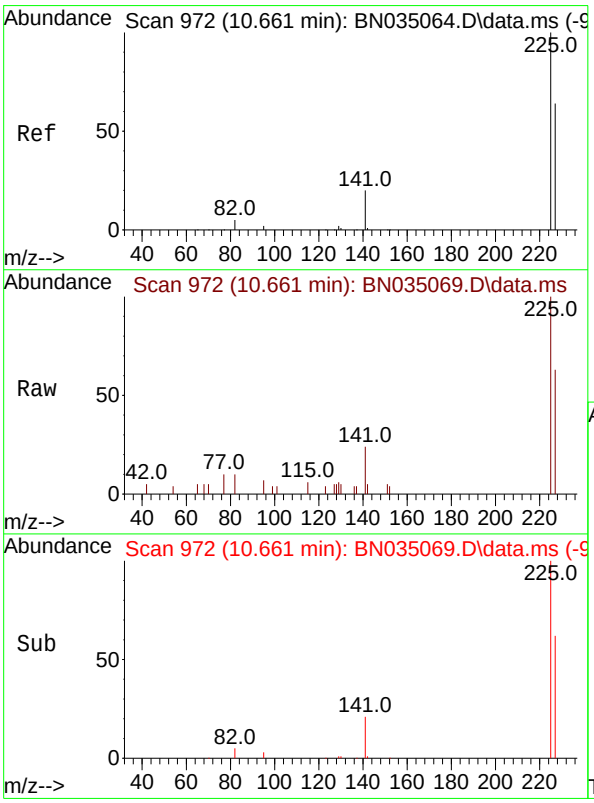
#9
Naphthalene
Concen: 0.366 ng
RT: 10.362 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN035069.D
Acq: 13 Nov 2024 16:51

Instrument :
BNA_N
ClientSampleId :
ICVBN111324

Tgt Ion:128 Resp: 6092

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.6	14.4
127	14.7	11.6	17.4

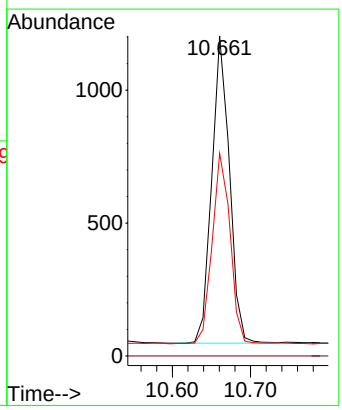


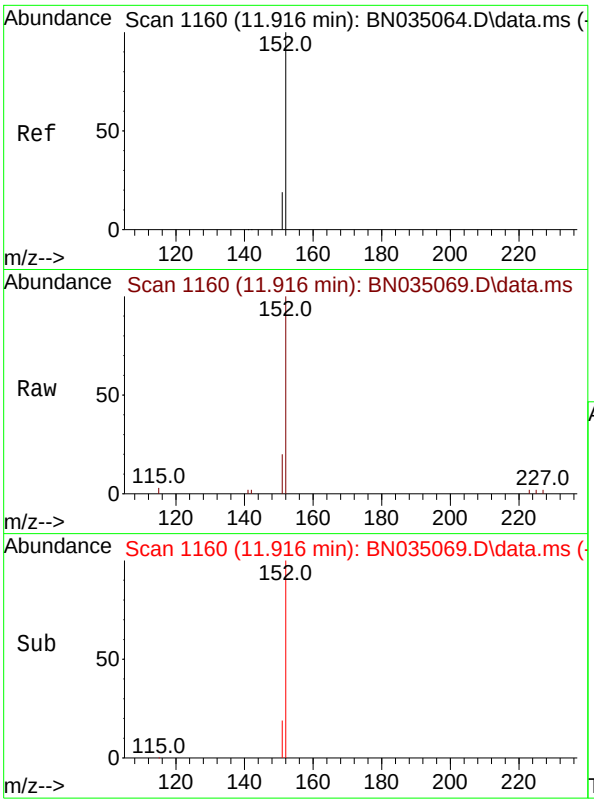


#10
Hexachlorobutadiene
Concen: 0.373 ng
RT: 10.661 min Scan# 972
Delta R.T. -0.000 min
Lab File: BN035069.D
Acq: 13 Nov 2024 16:51

Tgt Ion:225 Resp: 1817

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.2	51.5	77.3



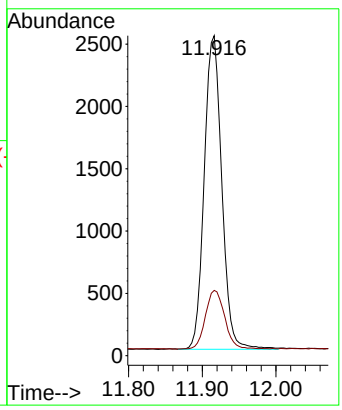


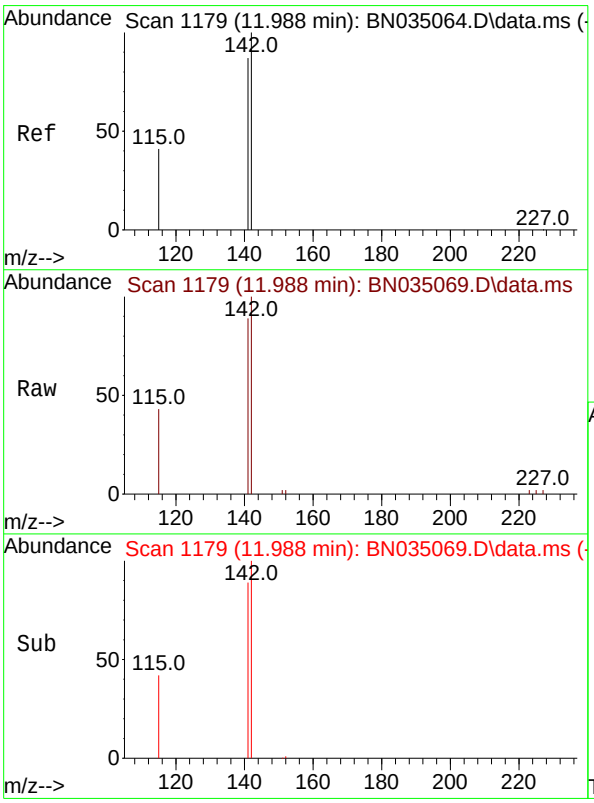
#11
2-Methylnaphthalene-d10
Concen: 0.367 ng
RT: 11.916 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN035069.D
Acq: 13 Nov 2024 16:51

Instrument :
BNA_N
ClientSampleId :
ICVBN111324

Tgt Ion:152 Resp: 4166

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.4

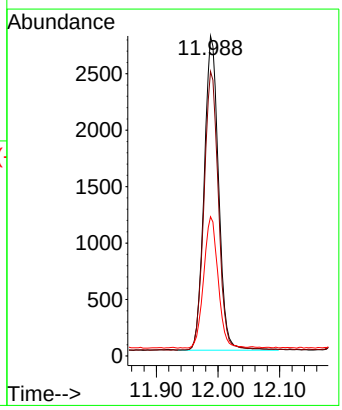


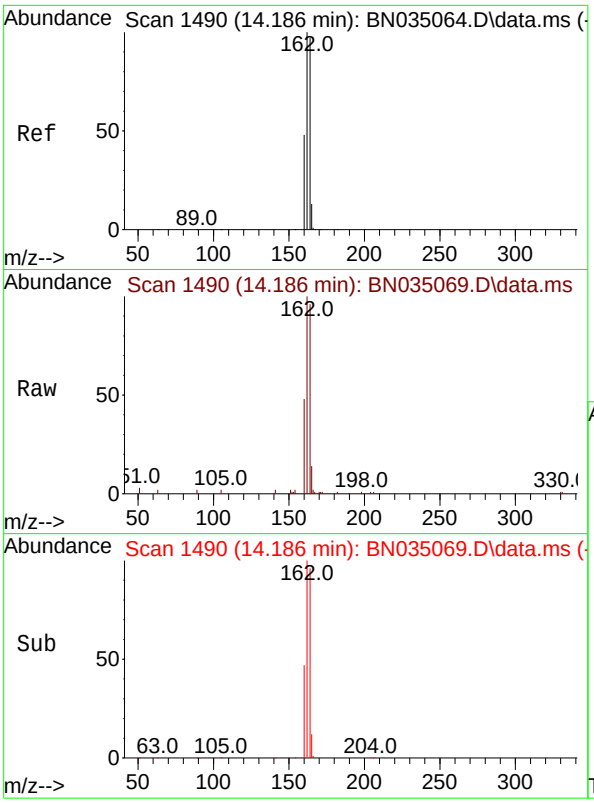


#12
2-Methylnaphthalene
Concen: 0.368 ng
RT: 11.988 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BN035069.D
Acq: 13 Nov 2024 16:51

Tgt Ion:142 Resp: 4513

Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.1	105.1
115	43.5	34.4	51.6



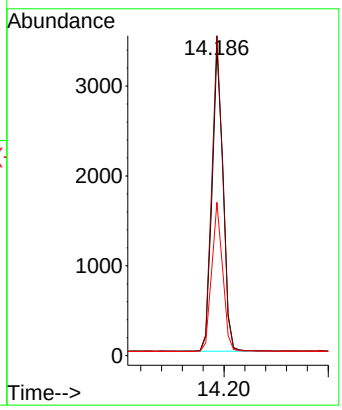


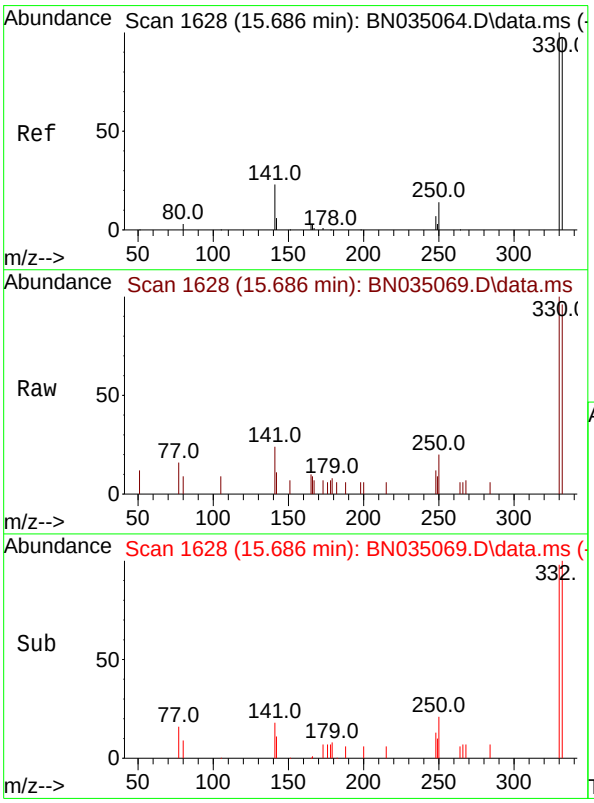
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.186 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN035069.D
Acq: 13 Nov 2024 16:51

Instrument :
BNA_N
ClientSampleId :
ICVBN111324

Tgt Ion:164 Resp: 4967

Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.2	123.2
160	49.8	40.2	60.4

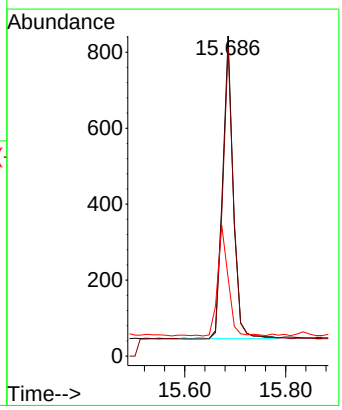


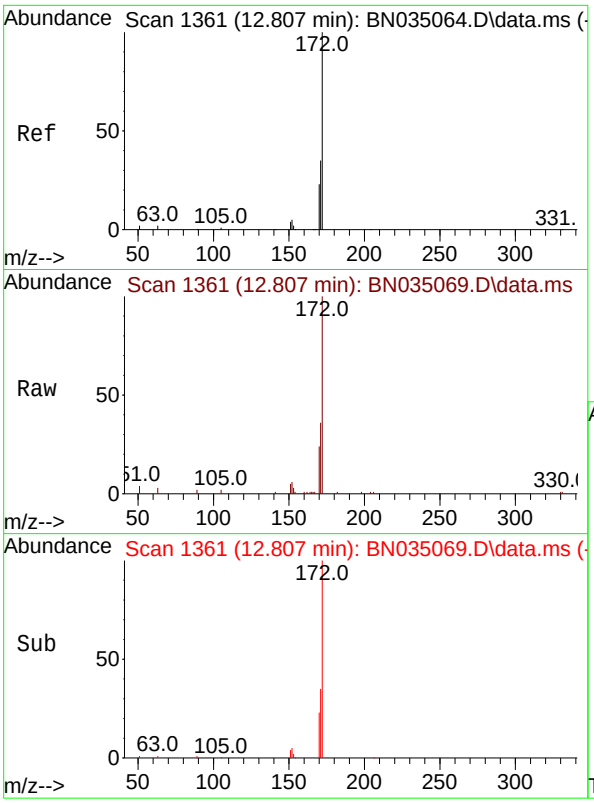


#14
2,4,6-Tribromophenol
Concen: 0.322 ng
RT: 15.686 min Scan# 1628
Delta R.T. -0.000 min
Lab File: BN035069.D
Acq: 13 Nov 2024 16:51

Tgt Ion:330 Resp: 1154

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.9	115.3
141	36.7	29.6	44.4



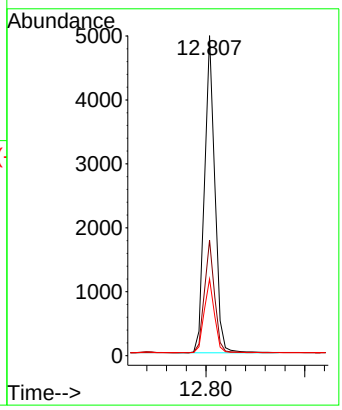


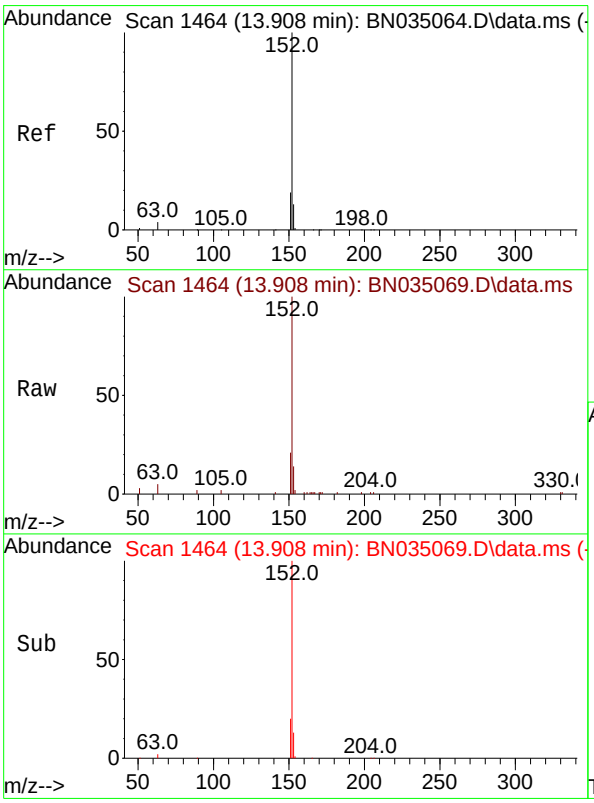
#15
2-Fluorobiphenyl
Concen: 0.357 ng
RT: 12.807 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN035069.D
Acq: 13 Nov 2024 16:51

Instrument :
BNA_N
ClientSampleId :
ICVBN111324

Tgt Ion:172 Resp: 7205

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.2	42.4
170	23.9	19.0	28.6

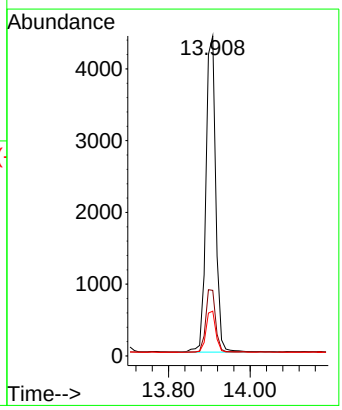


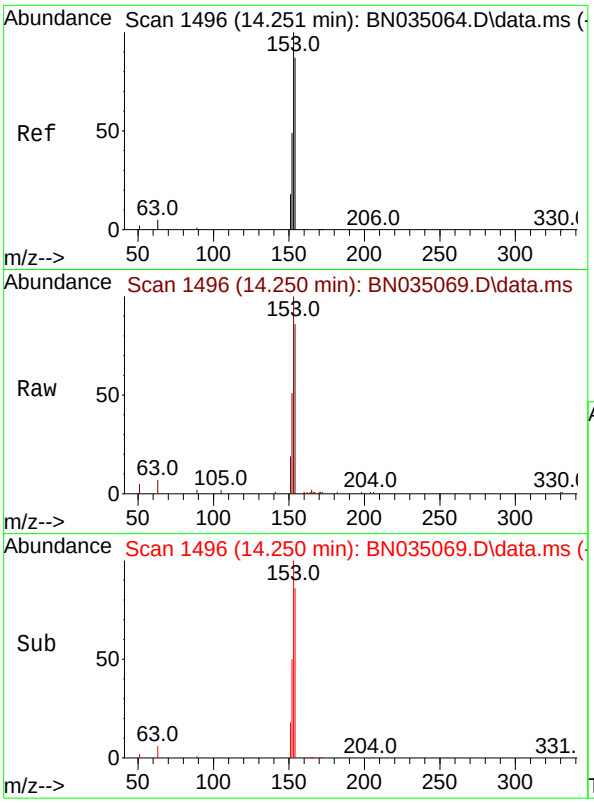


#16
Acenaphthylene
Concen: 0.348 ng
RT: 13.908 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BN035069.D
Acq: 13 Nov 2024 16:51

Tgt Ion:152 Resp: 7387

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.8
153	13.0	10.2	15.4



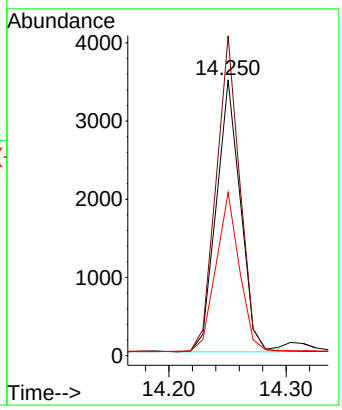


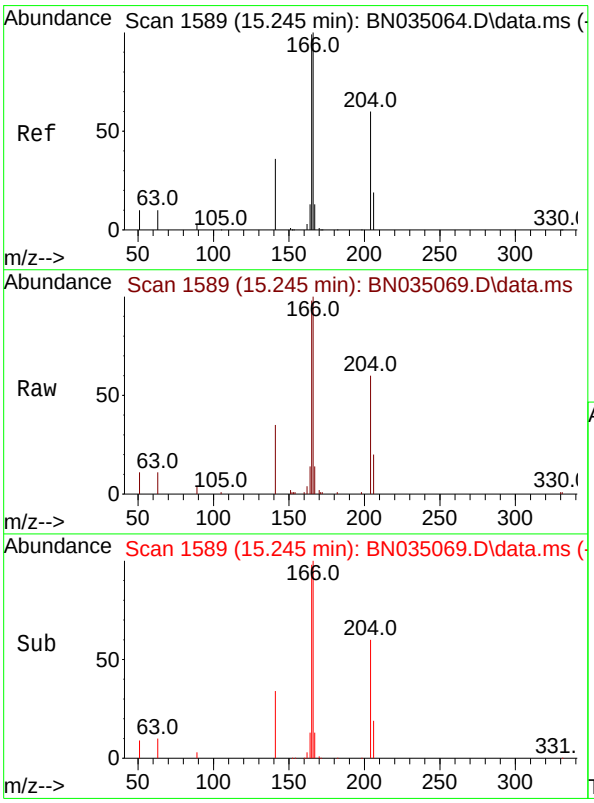
#17
Acenaphthene
Concen: 0.359 ng
RT: 14.250 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN035069.D
Acq: 13 Nov 2024 16:51

Instrument :
BNA_N
ClientSampleId :
ICVBN111324

Tgt Ion:154 Resp: 4995

Ion	Ratio	Lower	Upper
154	100		
153	113.2	91.6	137.4
152	57.7	45.8	68.6

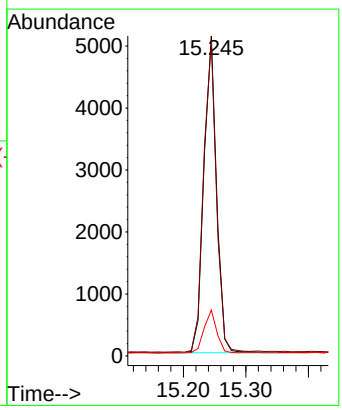


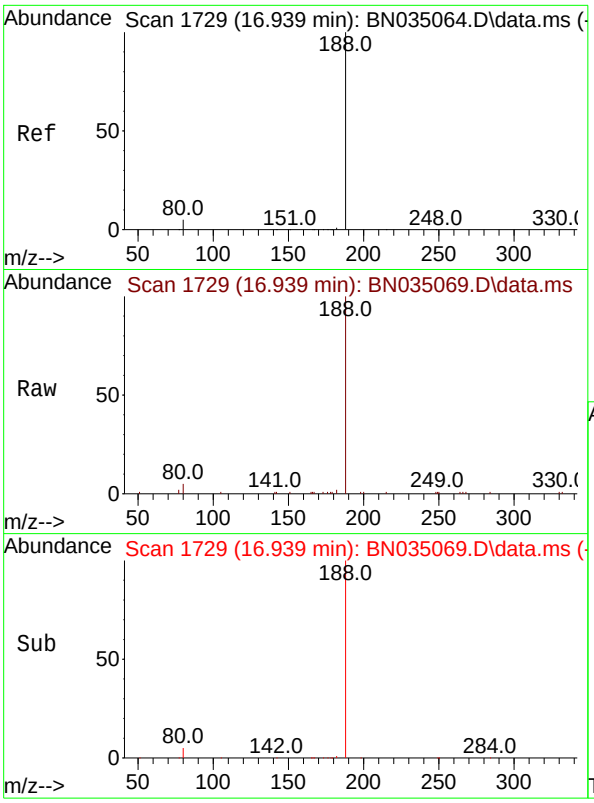


#18
Fluorene
Concen: 0.352 ng
RT: 15.245 min Scan# 1589
Delta R.T. -0.000 min
Lab File: BN035069.D
Acq: 13 Nov 2024 16:51

Tgt Ion:166 Resp: 7206

Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.1	118.7
167	13.7	10.6	16.0



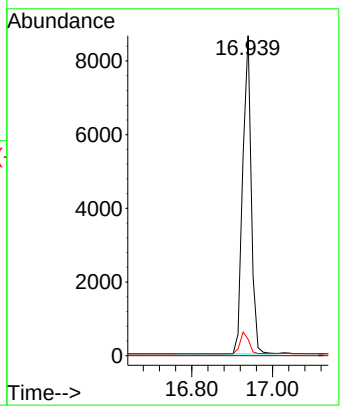


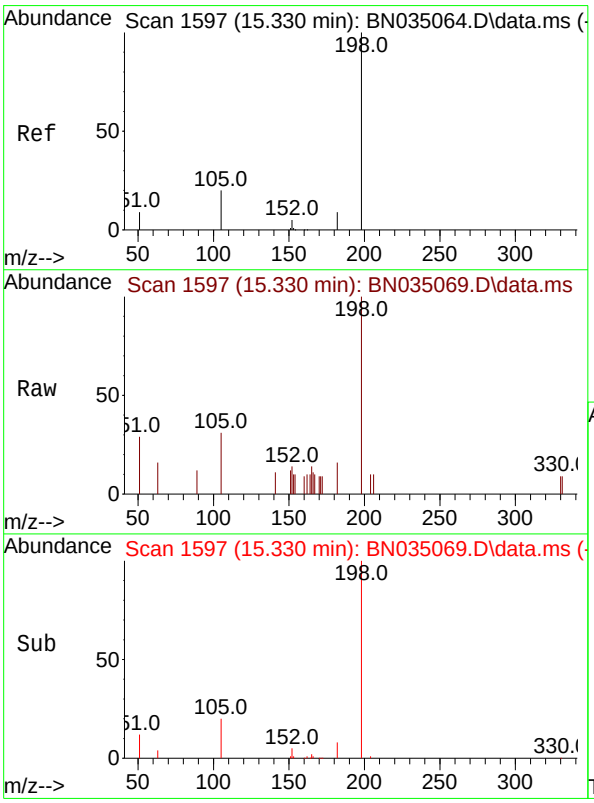
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.939 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN035069.D
Acq: 13 Nov 2024 16:51

Instrument :
BNA_N
ClientSampleId :
ICVBN111324

Tgt Ion:188 Resp: 12682

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.1	4.3	6.5

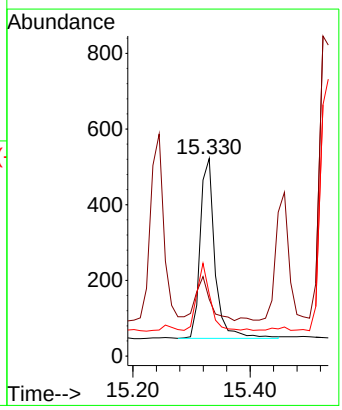


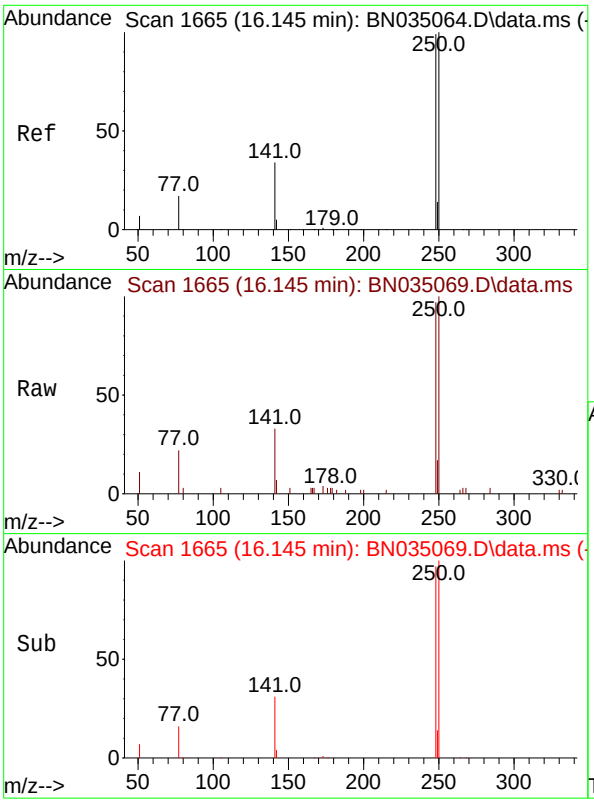


#20
4,6-Dinitro-2-methylphenol
Concen: 0.314 ng
RT: 15.330 min Scan# 1597
Delta R.T. 0.000 min
Lab File: BN035069.D
Acq: 13 Nov 2024 16:51

Tgt Ion:198 Resp: 830

Ion	Ratio	Lower	Upper
198	100		
51	28.7	29.9	44.9#
105	31.4	23.7	35.5



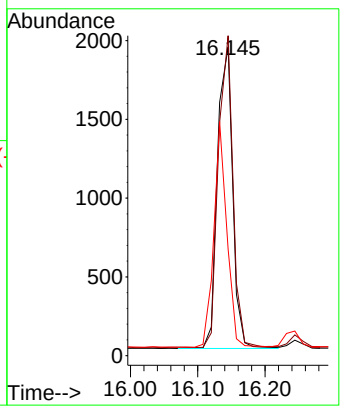


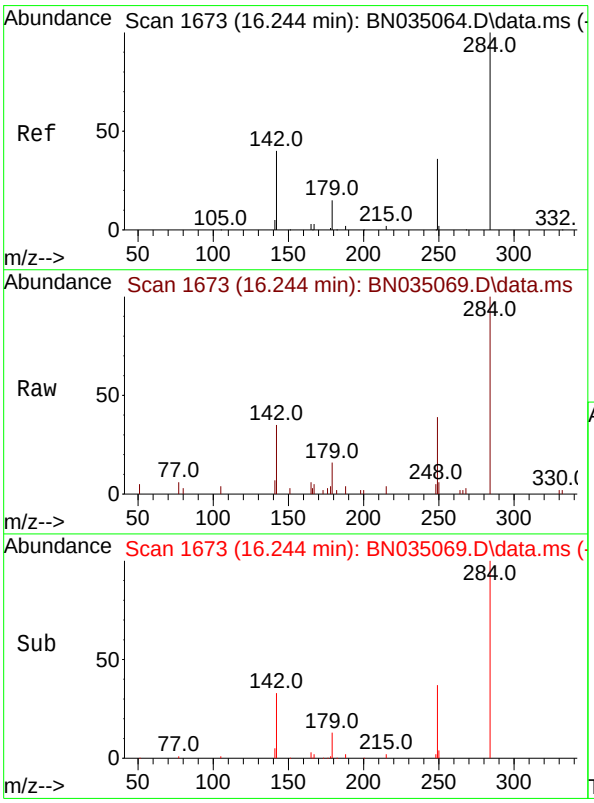
#21
4-Bromophenyl-phenylether
Concen: 0.371 ng
RT: 16.145 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN035069.D
Acq: 13 Nov 2024 16:51

Instrument :
BNA_N
ClientSampleId :
ICVBN111324

Tgt Ion:248 Resp: 3001

Ion	Ratio	Lower	Upper
248	100		
250	103.6	81.2	121.8
141	34.5	29.1	43.7

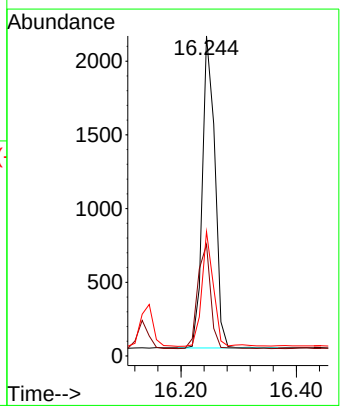


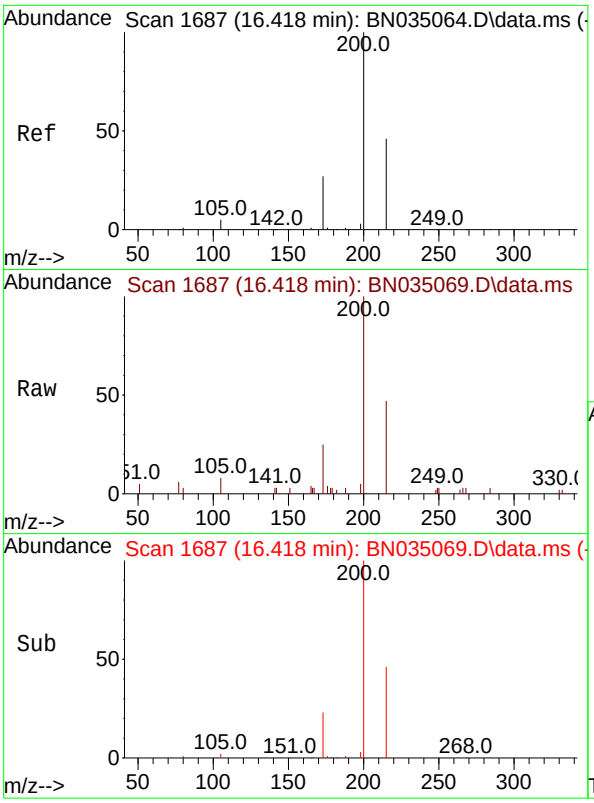


#22
Hexachlorobenzene
Concen: 0.379 ng
RT: 16.244 min Scan# 1673
Delta R.T. -0.000 min
Lab File: BN035069.D
Acq: 13 Nov 2024 16:51

Tgt Ion:284 Resp: 3175

Ion	Ratio	Lower	Upper
284	100		
142	34.7	28.2	42.4
249	33.7	26.2	39.2



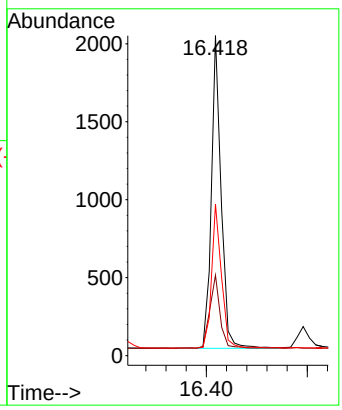


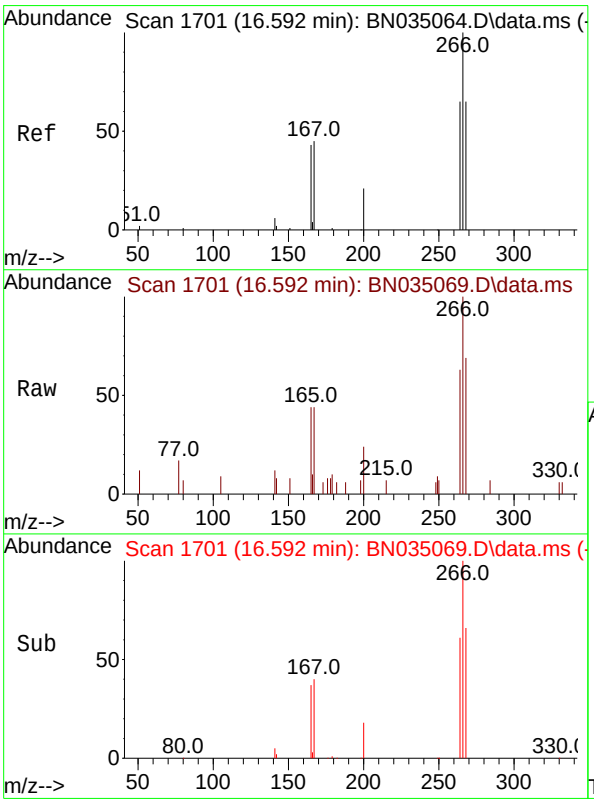
#23
Atrazine
Concen: 0.370 ng
RT: 16.418 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN035069.D
Acq: 13 Nov 2024 16:51

Instrument :
BNA_N
ClientSampleId :
ICVBN111324

Tgt Ion:200 Resp: 2682

Ion	Ratio	Lower	Upper
200	100		
173	25.1	22.6	33.8
215	47.3	37.8	56.6

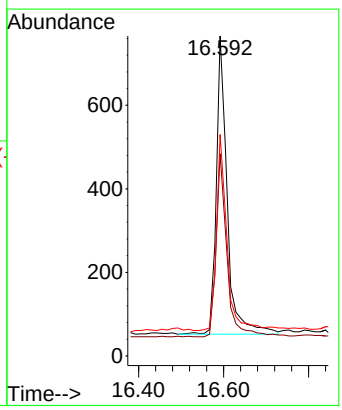


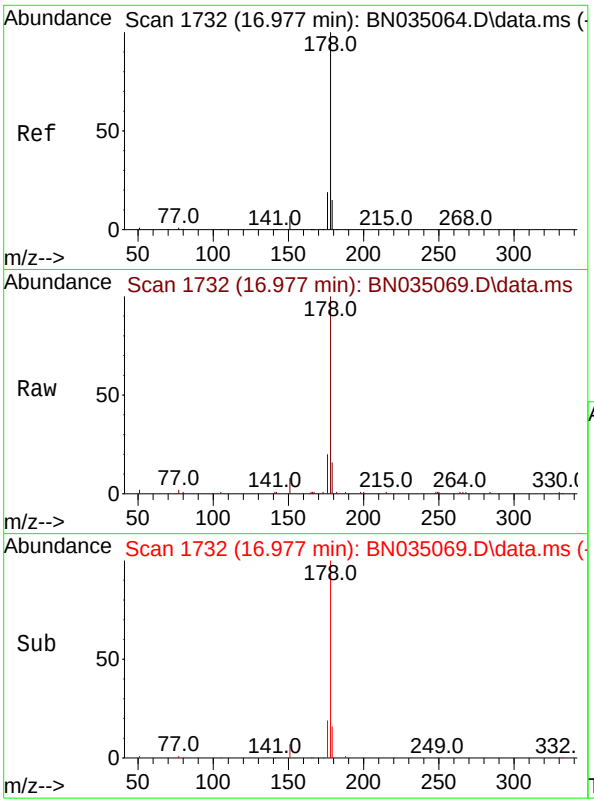


#24
Pentachlorophenol
Concen: 0.324 ng
RT: 16.592 min Scan# 1701
Delta R.T. -0.000 min
Lab File: BN035069.D
Acq: 13 Nov 2024 16:51

Tgt Ion:266 Resp: 1269

Ion	Ratio	Lower	Upper
266	100		
264	60.5	49.4	74.0
268	63.4	52.6	79.0



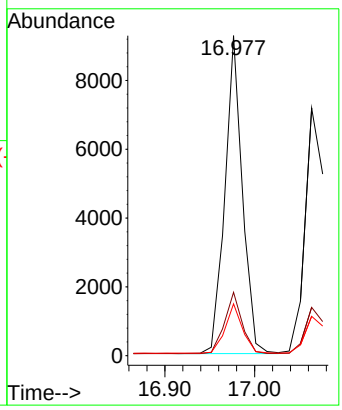


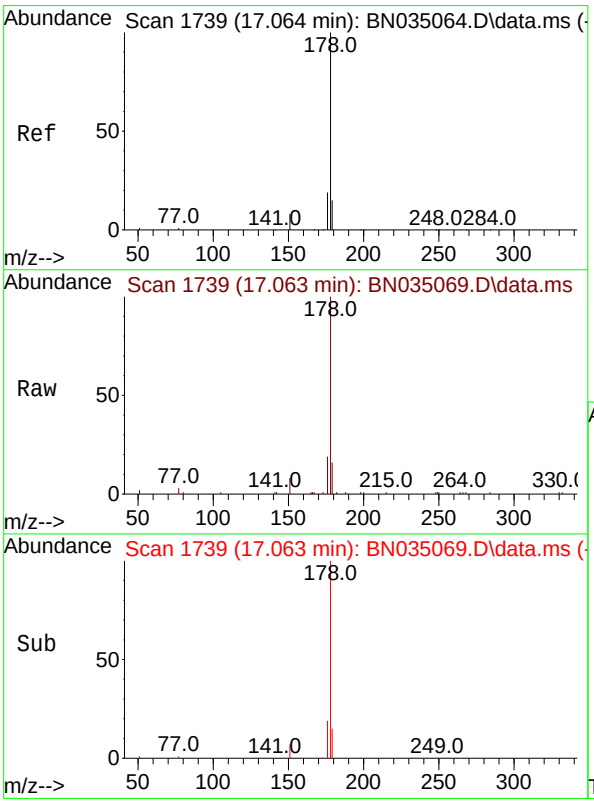
#25
Phenanthrene
Concen: 0.375 ng
RT: 16.977 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN035069.D
Acq: 13 Nov 2024 16:51

Instrument :
BNA_N
ClientSampleId :
ICVBN111324

Tgt Ion:178 Resp: 12517

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.2	22.8
179	15.6	12.6	18.8

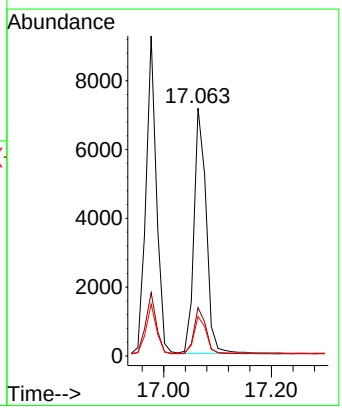


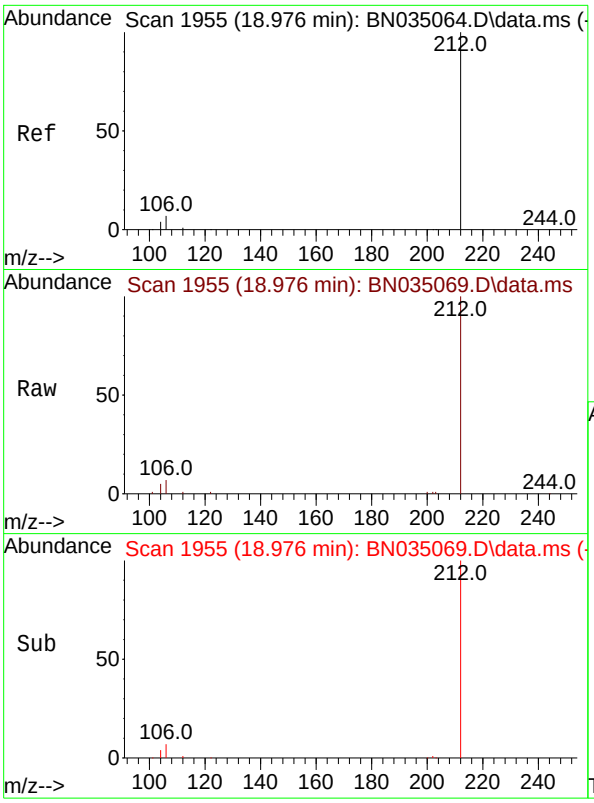


#26
Anthracene
Concen: 0.366 ng
RT: 17.063 min Scan# 1739
Delta R.T. -0.000 min
Lab File: BN035069.D
Acq: 13 Nov 2024 16:51

Tgt Ion:178 Resp: 11219

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



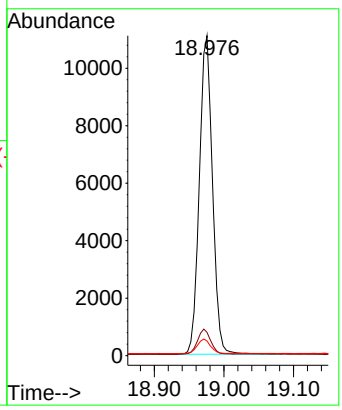


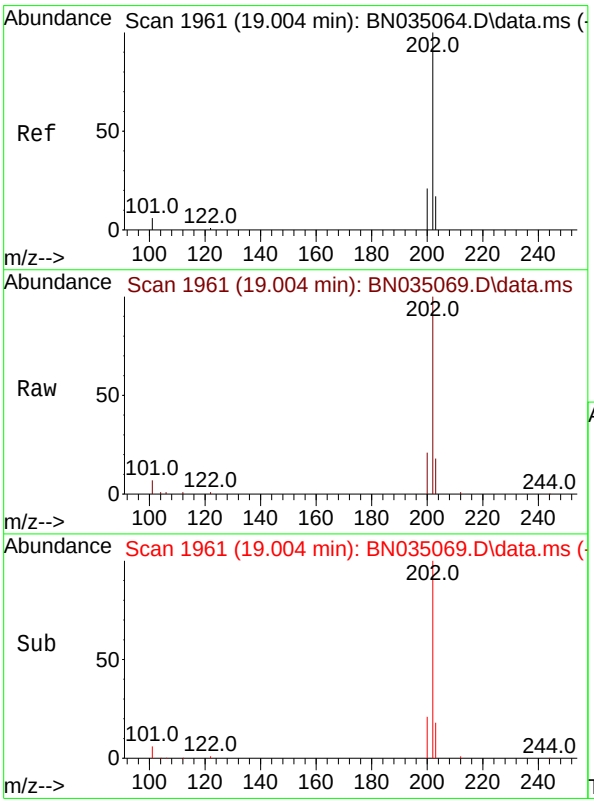
#27
Fluoranthene-d10
Concen: 0.374 ng
RT: 18.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN035069.D
Acq: 13 Nov 2024 16:51

Instrument :
BNA_N
ClientSampleId :
ICVBN111324

Tgt Ion:212 Resp: 14530

Ion	Ratio	Lower	Upper
212	100		
106	7.8	6.0	9.0
104	4.5	3.5	5.3

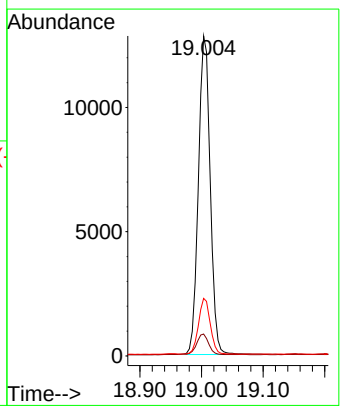


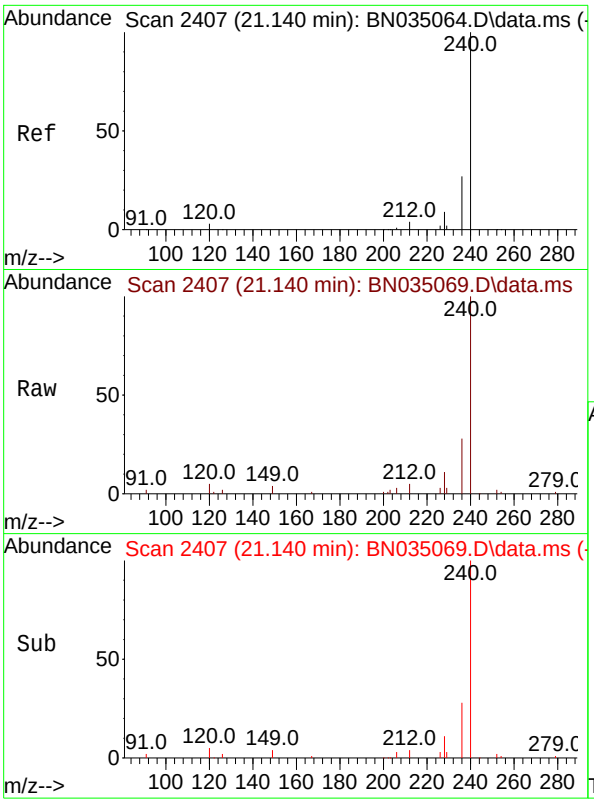


#28
Fluoranthene
Concen: 0.372 ng
RT: 19.004 min Scan# 1961
Delta R.T. -0.000 min
Lab File: BN035069.D
Acq: 13 Nov 2024 16:51

Tgt Ion:202 Resp: 17084

Ion	Ratio	Lower	Upper
202	100		
101	6.6	5.2	7.8
203	17.3	13.8	20.8



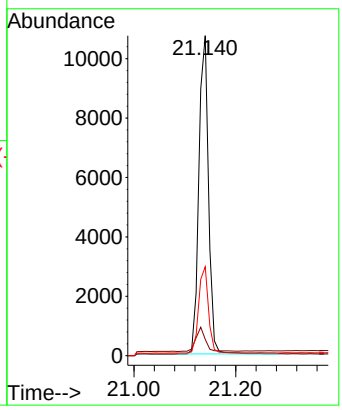


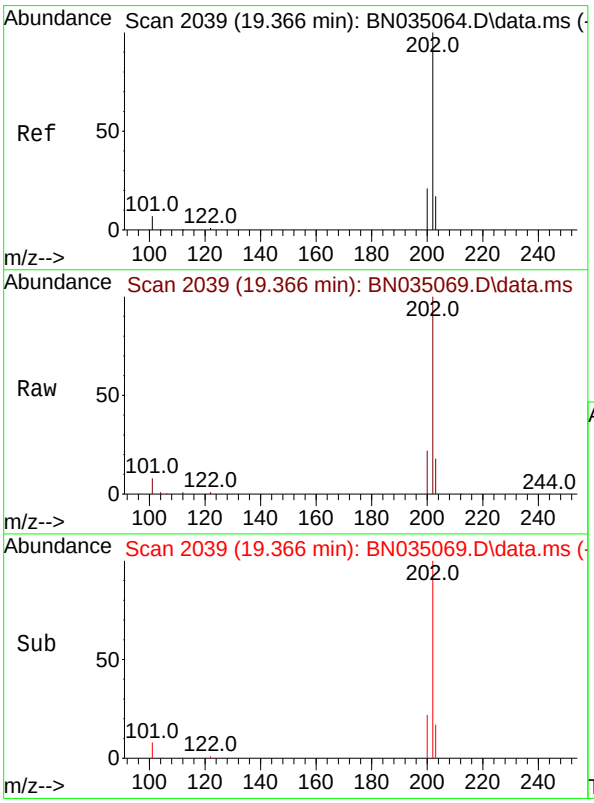
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.140 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN035069.D
Acq: 13 Nov 2024 16:51

Instrument :
BNA_N
ClientSampleId :
ICVBN111324

Tgt Ion:240 Resp: 14055

Ion	Ratio	Lower	Upper
240	100		
120	5.1	3.8	5.6
236	27.8	22.2	33.2

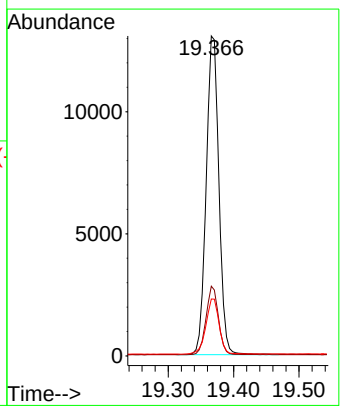


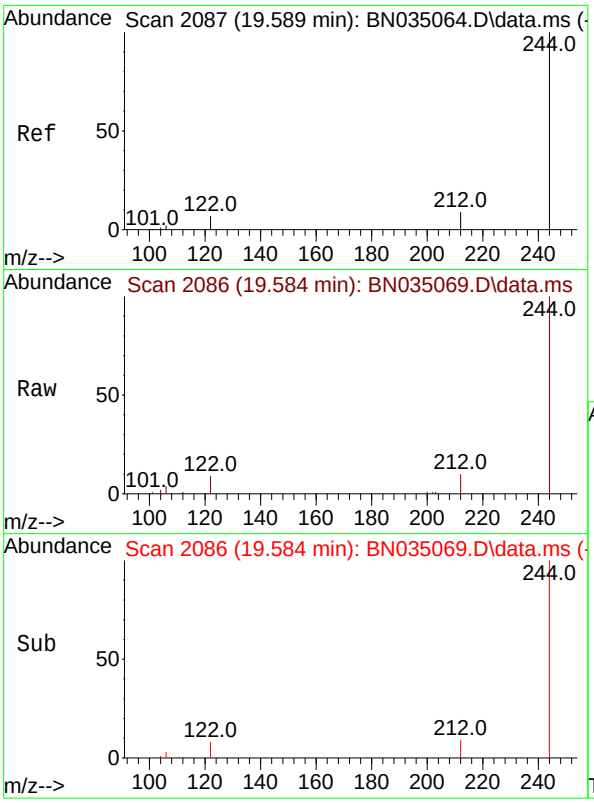


#30
Pyrene
Concen: 0.376 ng
RT: 19.366 min Scan# 2039
Delta R.T. -0.000 min
Lab File: BN035069.D
Acq: 13 Nov 2024 16:51

Tgt Ion:202 Resp: 17580

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	18.1	14.2	21.4



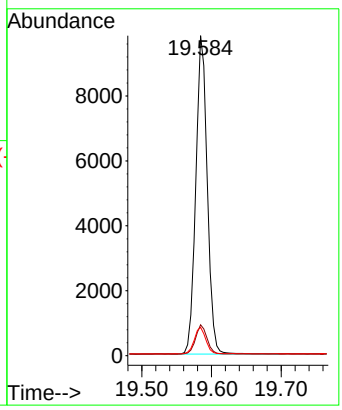


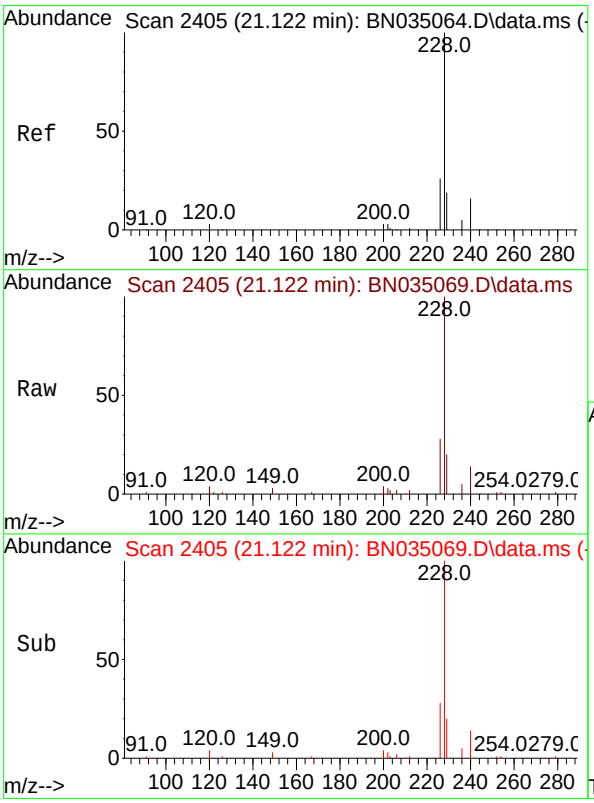
#31
Terphenyl-d14
Concen: 0.381 ng
RT: 19.584 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN035069.D
Acq: 13 Nov 2024 16:51

Instrument :
BNA_N
ClientSampleId :
ICVBN111324

Tgt Ion:244 Resp: 11240

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.6	11.4
122	8.9	6.1	9.1

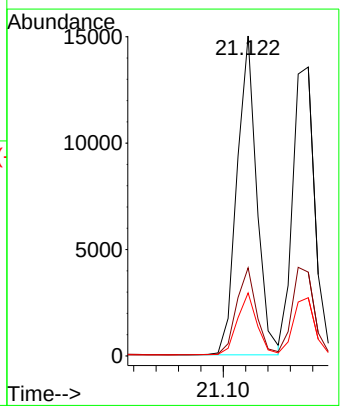


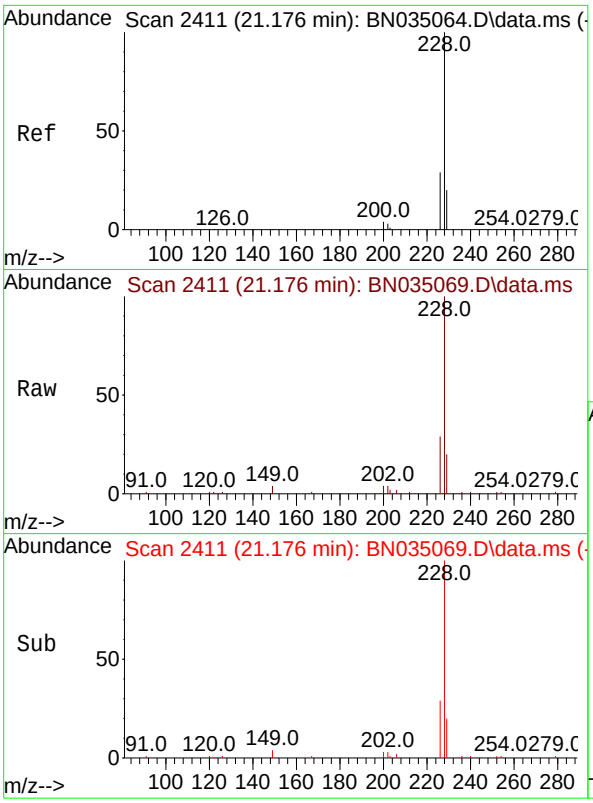


#32
Benzo(a)anthracene
Concen: 0.376 ng
RT: 21.122 min Scan# 2405
Delta R.T. -0.000 min
Lab File: BN035069.D
Acq: 13 Nov 2024 16:51

Tgt Ion:228 Resp: 18406

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.4	32.0
229	19.7	15.7	23.5



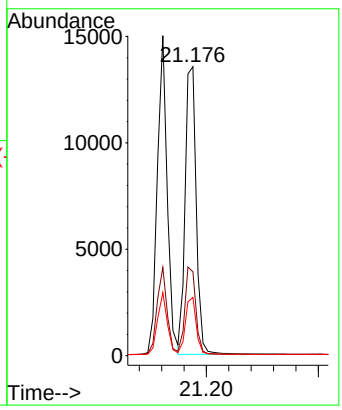


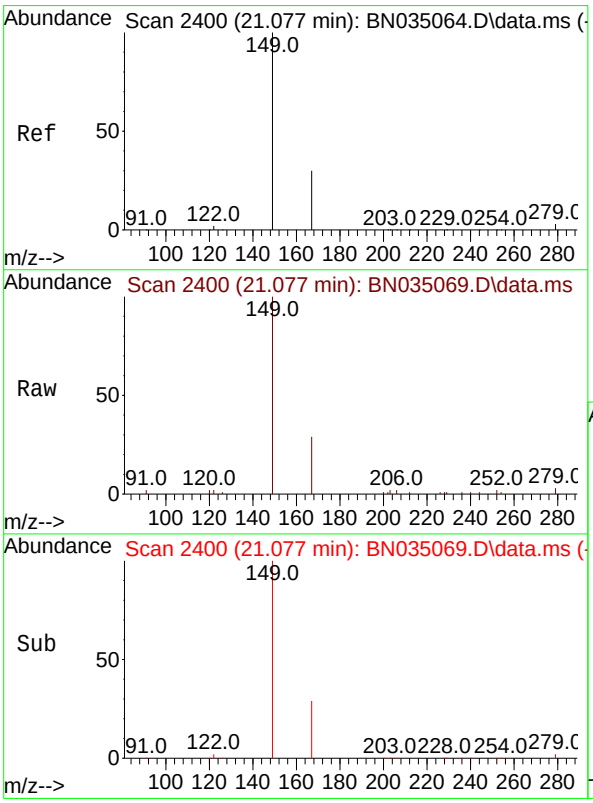
#33
Chrysene
Concen: 0.386 ng
RT: 21.176 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN035069.D
Acq: 13 Nov 2024 16:51

Instrument :
BNA_N
ClientSampleId :
ICVBN111324

Tgt Ion:228 Resp: 18693

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.7	35.5
229	20.2	16.2	24.4

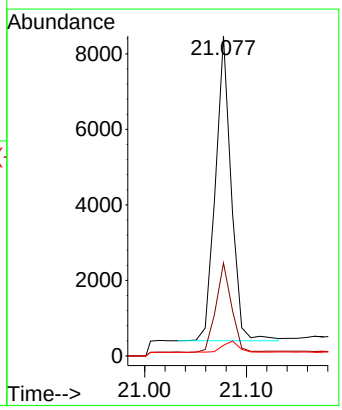


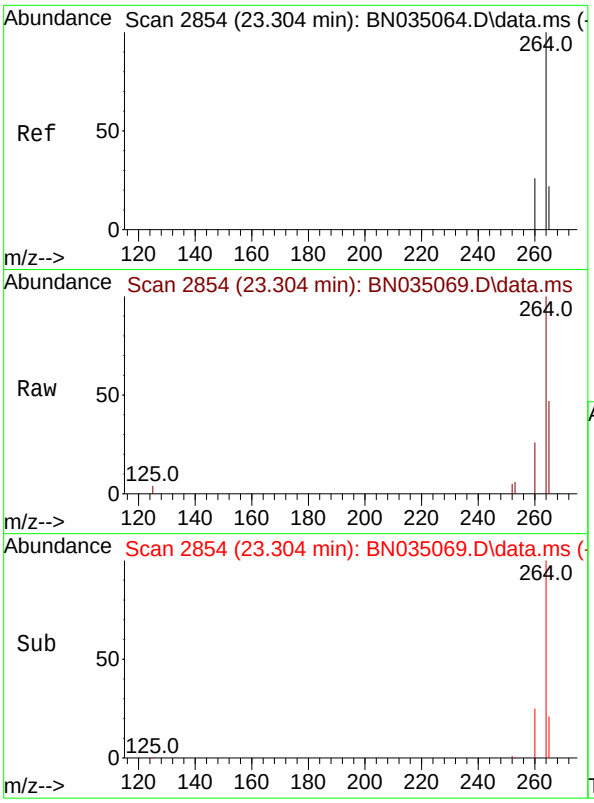


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.338 ng
RT: 21.077 min Scan# 2400
Delta R.T. -0.000 min
Lab File: BN035069.D
Acq: 13 Nov 2024 16:51

Tgt Ion:149 Resp: 8691

Ion	Ratio	Lower	Upper
149	100		
167	29.0	23.2	34.8
279	3.9	3.2	4.8



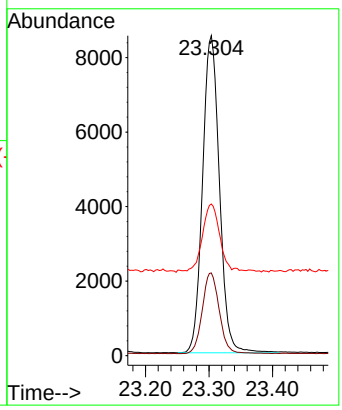


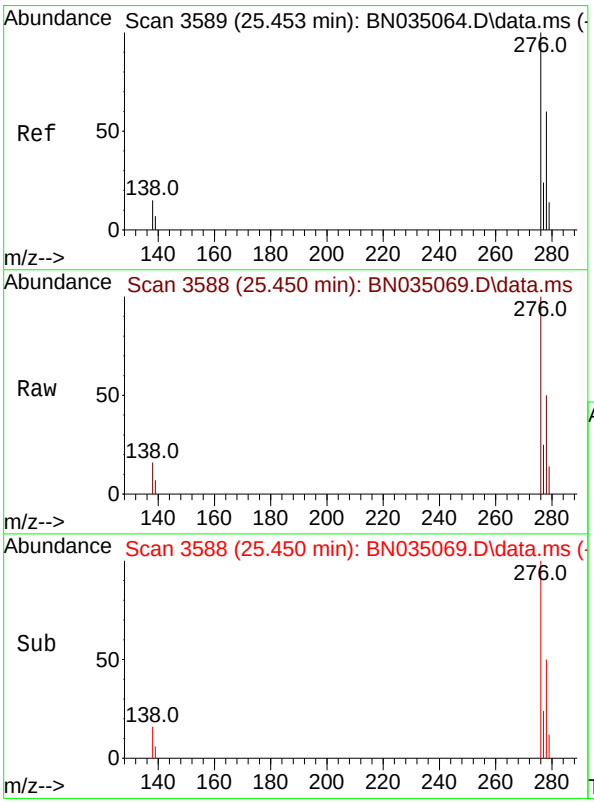
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.304 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN035069.D
Acq: 13 Nov 2024 16:51

Instrument :
BNA_N
ClientSampleId :
ICVBN111324

Tgt Ion:264 Resp: 15724

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.9	31.3
265	47.4	35.4	53.2

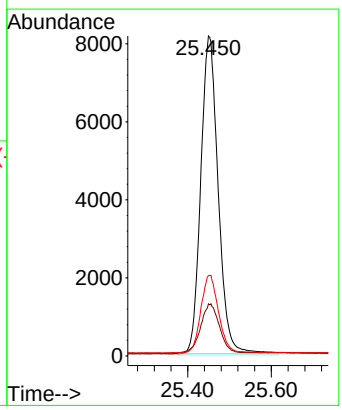


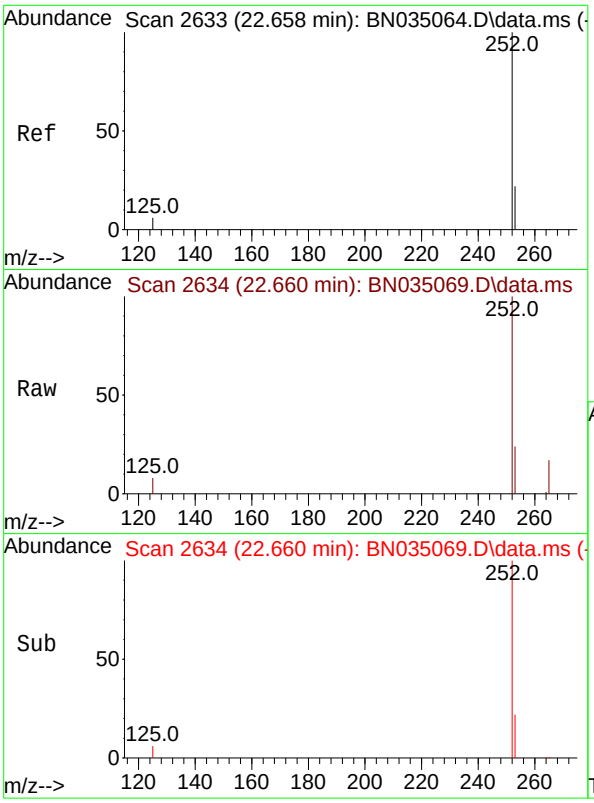


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.375 ng
RT: 25.450 min Scan# 3588
Delta R.T. -0.003 min
Lab File: BN035069.D
Acq: 13 Nov 2024 16:51

Tgt Ion:276 Resp: 23546

Ion	Ratio	Lower	Upper
276	100		
138	16.9	13.0	19.4
277	24.2	19.8	29.6



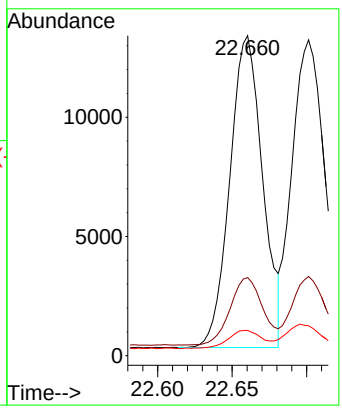


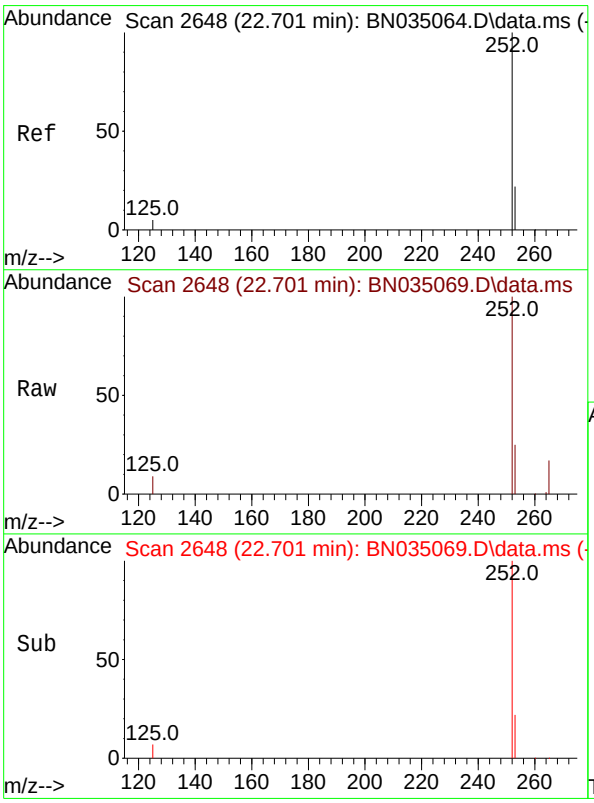
#37
Benzo(b)fluoranthene
Concen: 0.379 ng
RT: 22.660 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN035069.D
Acq: 13 Nov 2024 16:51

Instrument :
BNA_N
ClientSampleId :
ICVBN111324

Tgt Ion:252 Resp: 20039

Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.3	28.9
125	7.9	6.2	9.2

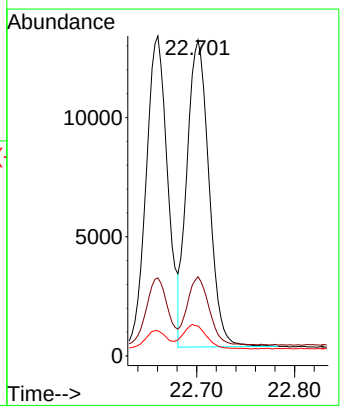


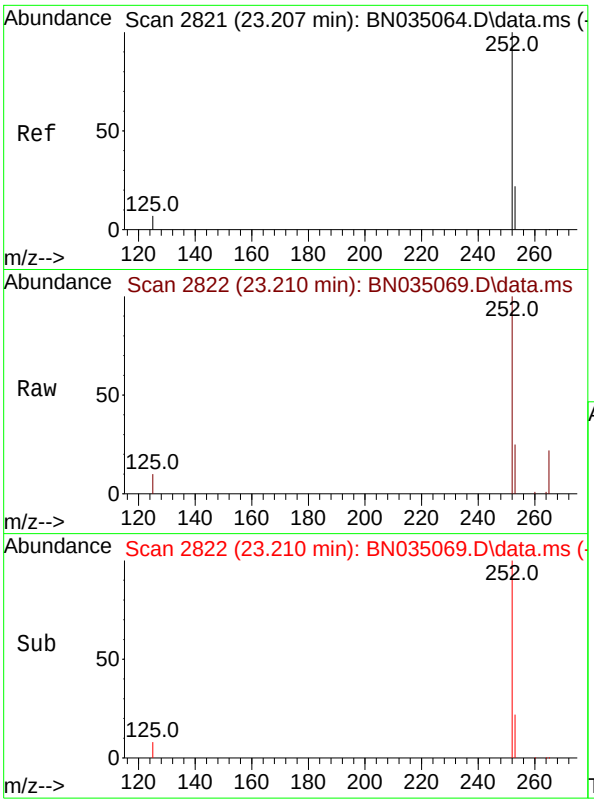


#38
Benzo(k)fluoranthene
Concen: 0.380 ng
RT: 22.701 min Scan# 2648
Delta R.T. -0.000 min
Lab File: BN035069.D
Acq: 13 Nov 2024 16:51

Tgt Ion:252 Resp: 20114

Ion	Ratio	Lower	Upper
252	100		
253	25.1	19.5	29.3
125	9.5	6.5	9.7



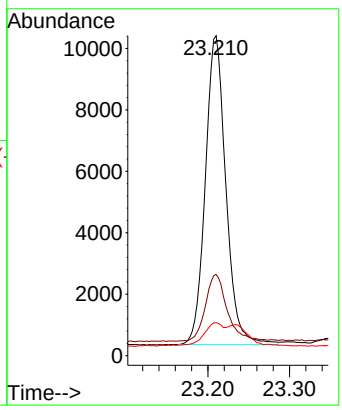


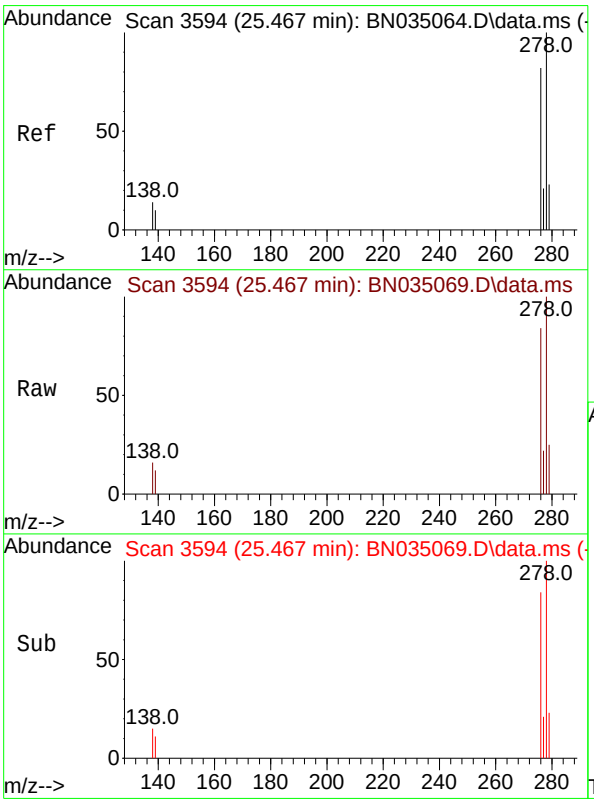
#39
Benzo(a)pyrene
Concen: 0.378 ng
RT: 23.210 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN035069.D
Acq: 13 Nov 2024 16:51

Instrument :
BNA_N
ClientSampleId :
ICVBN111324

Tgt Ion:252 Resp: 17596

Ion	Ratio	Lower	Upper
252	100		
253	25.4	20.1	30.1
125	10.3	7.5	11.3

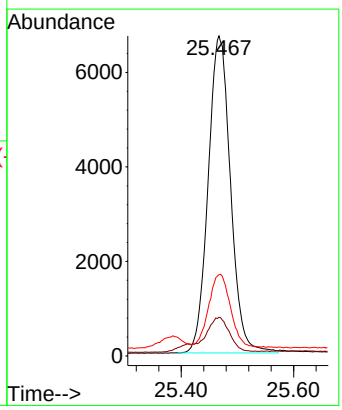


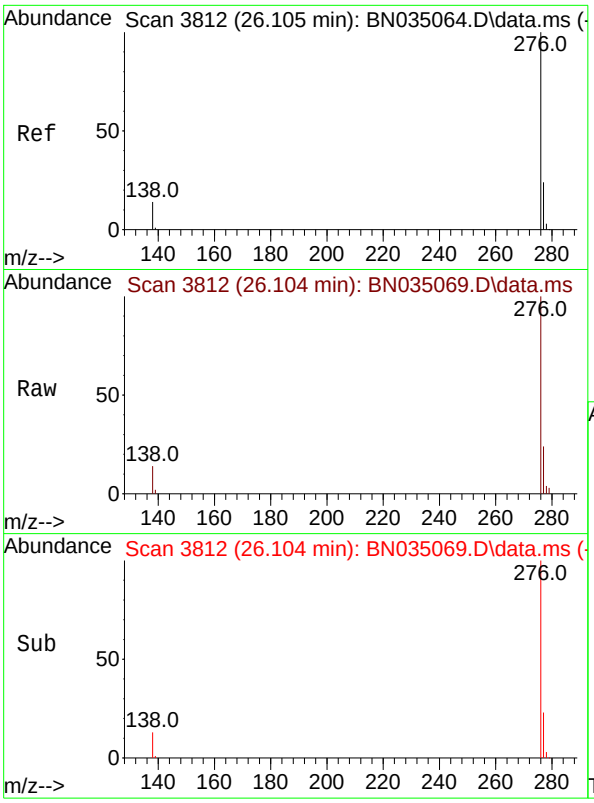


#40
Dibenzo(a,h)anthracene
Concen: 0.373 ng
RT: 25.467 min Scan# 3594
Delta R.T. -0.000 min
Lab File: BN035069.D
Acq: 13 Nov 2024 16:51

Tgt Ion:278 Resp: 18547

Ion	Ratio	Lower	Upper
278	100		
139	12.1	9.3	13.9
279	25.4	19.7	29.5





#41
Benzo(g,h,i)perylene
Concen: 0.372 ng
RT: 26.104 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN035069.D
Acq: 13 Nov 2024 16:51

Instrument :
BNA_N
ClientSampleId :
ICVBN111324

Tgt Ion:276 Resp: 19649

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.9	29.9
138	14.3	11.6	17.4