Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060225\
Data File : BN037133.D
Acq On : 02 Jun 2025 15:45
Operator : RC/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Jun 03 05:31:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 03 02:42:35 2025
Response via : Initial Calibration

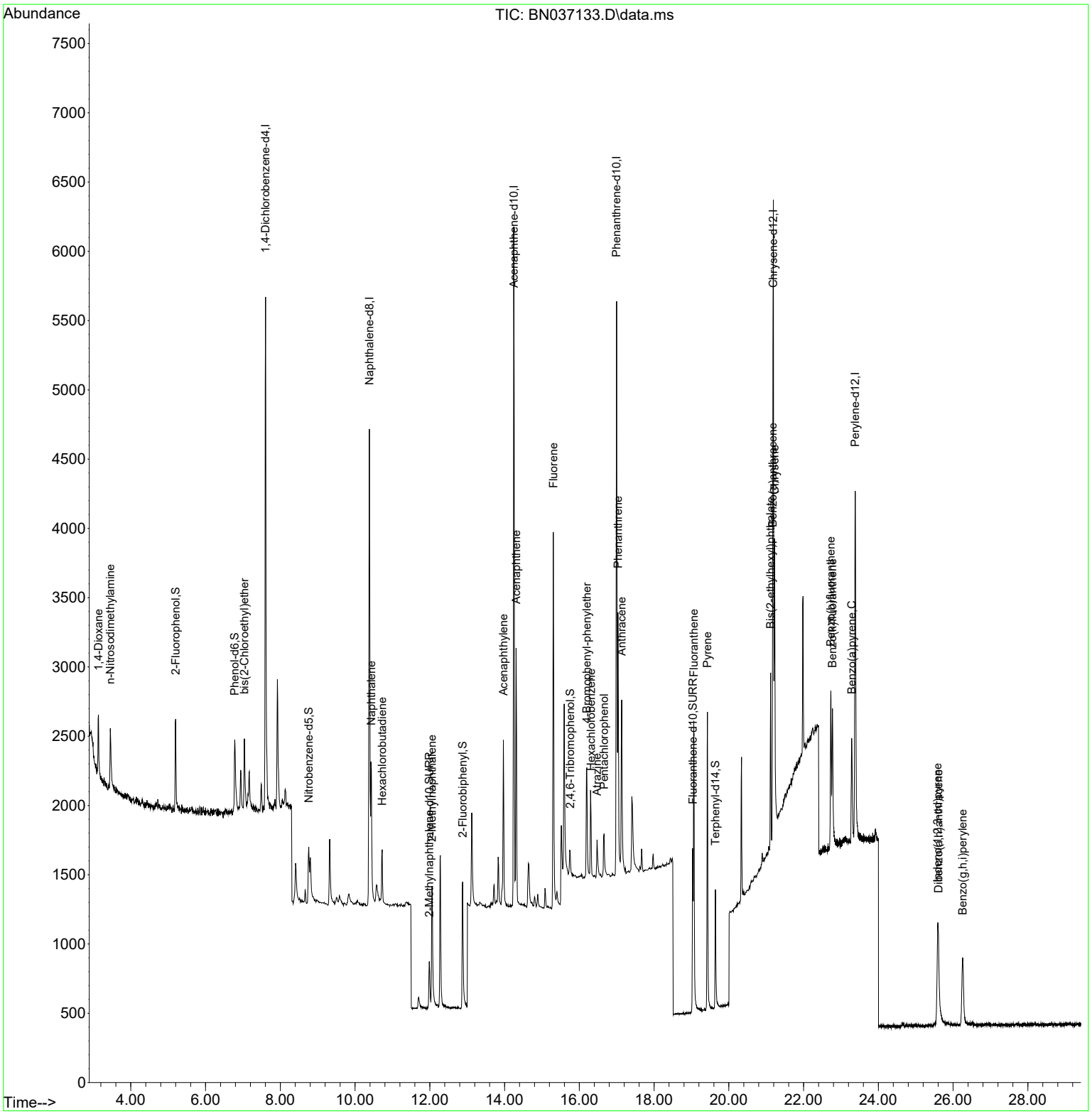
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.604	152	1855	0.400	ng		0.00
7) Naphthalene-d8	10.383	136	4811	0.400	ng		0.00
13) Acenaphthene-d10	14.245	164	2792	0.400	ng		0.00
19) Phenanthrene-d10	16.996	188	5955	0.400	ng		0.00
29) Chrysene-d12	21.189	240	4138	0.400	ng		0.00
35) Perylene-d12	23.380	264	3519	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.199	112	486	0.105	ng		0.00
5) Phenol-d6	6.780	99	574	0.100	ng		0.00
8) Nitrobenzene-d5	8.760	82	482	0.094	ng		0.01
11) 2-Methylnaphthalene-d10	11.986	152	623	0.091	ng		0.00
14) 2,4,6-Tribromophenol	15.755	330	122	0.093	ng		0.01
15) 2-Fluorobiphenyl	12.878	172	1140	0.099	ng		0.01
27) Fluoranthene-d10	19.035	212	1496	0.093	ng		0.00
31) Terphenyl-d14	19.639	244	1037	0.107	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.133	88	322	0.129	ng		91
3) n-Nitrosodimethylamine	3.451	42	464	0.095	ng	#	92
6) bis(2-Chloroethyl)ether	7.040	93	459	0.088	ng		91
9) Naphthalene	10.436	128	1395	0.101	ng	#	90
10) Hexachlorobutadiene	10.725	225	308	0.104	ng	#	99
12) 2-Methylnaphthalene	12.057	142	851	0.093	ng		97
16) Acenaphthylene	13.967	152	1320	0.097	ng		100
17) Acenaphthene	14.309	154	876	0.099	ng		99
18) Fluorene	15.304	166	1185	0.098	ng		98
21) 4-Bromophenyl-phenylether	16.202	248	363	0.096	ng	#	89
22) Hexachlorobenzene	16.313	284	436	0.106	ng		100
23) Atrazine	16.475	200	301	0.088	ng	#	77
24) Pentachlorophenol	16.661	266	194	0.087	ng		90
25) Phenanthrene	17.033	178	1895	0.098	ng		99
26) Anthracene	17.133	178	1664	0.094	ng		99
28) Fluoranthene	19.063	202	2084	0.092	ng		99
30) Pyrene	19.426	202	2104	0.107	ng		99
32) Benzo(a)anthracene	21.171	228	1410m	0.094	ng		
33) Chrysene	21.224	228	1756	0.105	ng		97
34) Bis(2-ethylhexyl)phtha...	21.117	149	1157	0.108	ng	#	96
36) Indeno(1,2,3-cd)pyrene	25.585	276	1146	0.089	ng		98
37) Benzo(b)fluoranthene	22.728	252	1365	0.095	ng	#	65
38) Benzo(k)fluoranthene	22.769	252	1443	0.100	ng	#	63
39) Benzo(a)pyrene	23.287	252	1152	0.097	ng	#	49
40) Dibenzo(a,h)anthracene	25.608	278	827	0.086	ng	#	50
41) Benzo(g,h,i)perylene	26.257	276	1077	0.093	ng	#	86

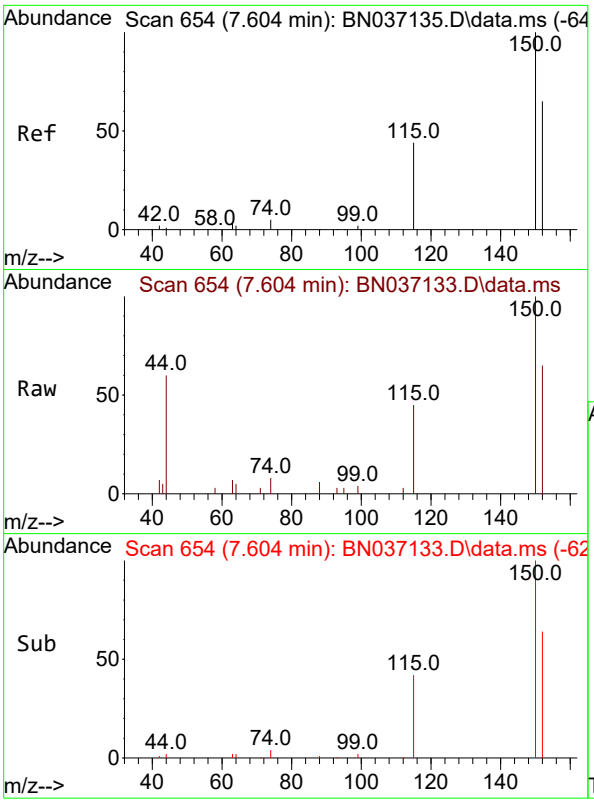
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060225\
Data File : BN037133.D
Acq On : 02 Jun 2025 15:45
Operator : RC/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Jun 03 05:31:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 03 02:42:35 2025
Response via : Initial Calibration



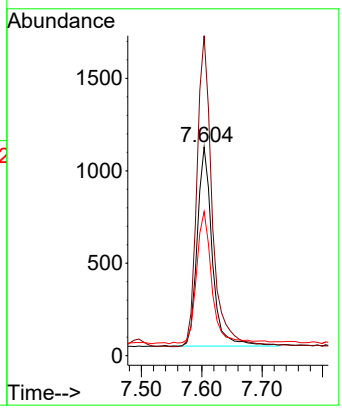


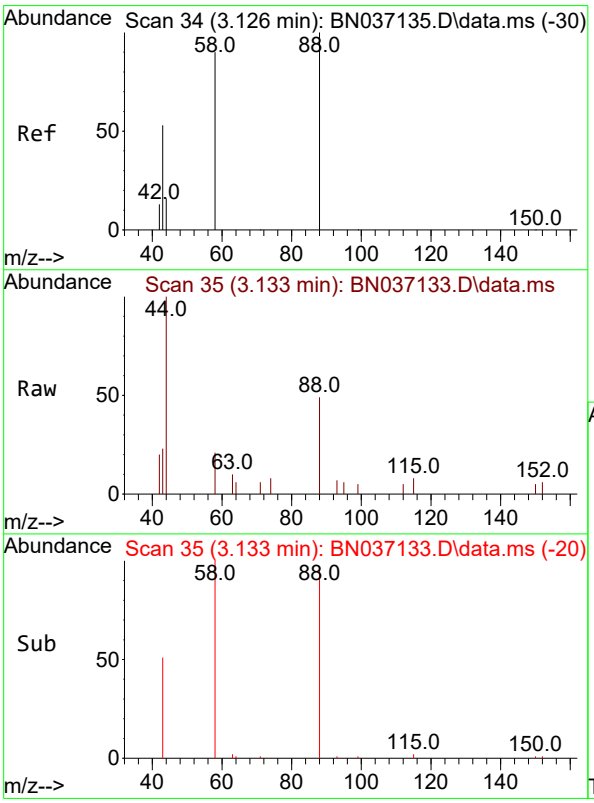
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.604 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN037133.D
Acq: 02 Jun 2025 15:45

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 1855

Ion	Ratio	Lower	Upper
152	100		
150	153.3	120.6	180.8
115	69.1	56.6	85.0

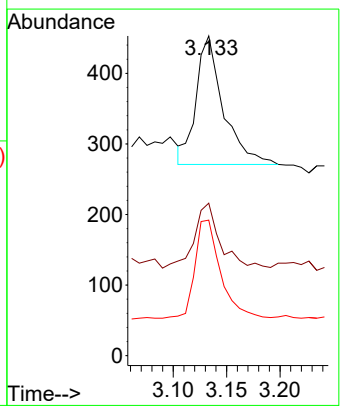


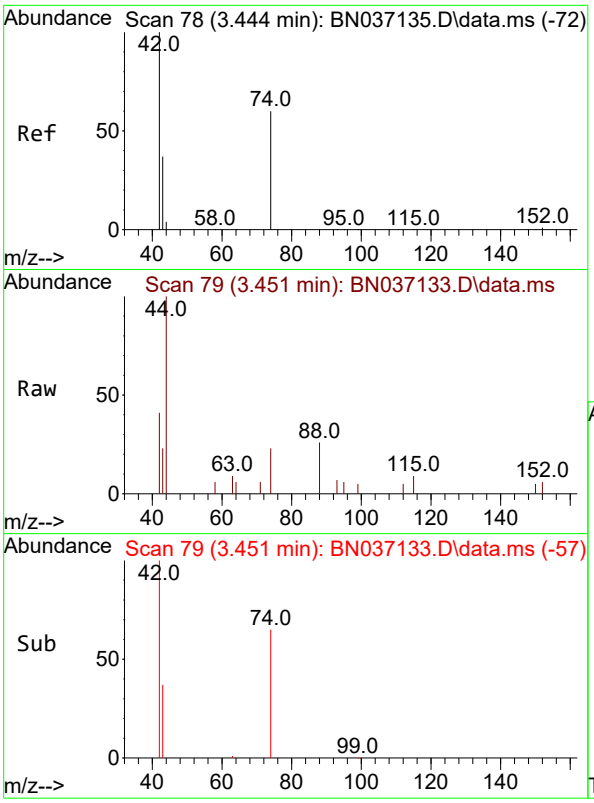


#2
1,4-Dioxane
Concen: 0.129 ng
RT: 3.133 min Scan# 35
Delta R.T. 0.007 min
Lab File: BN037133.D
Acq: 02 Jun 2025 15:45

Tgt Ion: 88 Resp: 322

Ion	Ratio	Lower	Upper
88	100		
43	48.1	41.6	62.4
58	72.0	65.8	98.8



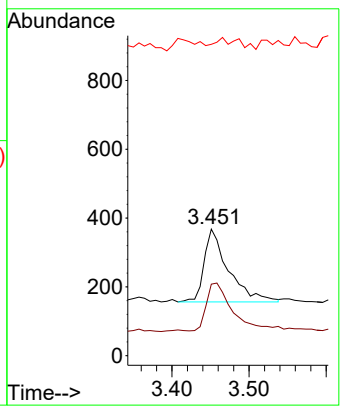


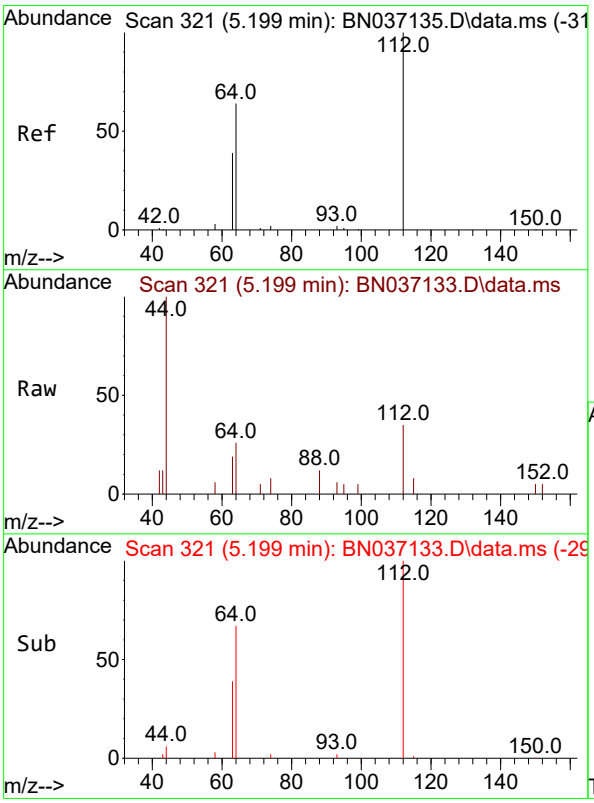
#3
n-Nitrosodimethylamine
Concen: 0.095 ng
RT: 3.451 min Scan# 7
Delta R.T. 0.007 min
Lab File: BN037133.D
Acq: 02 Jun 2025 15:45

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 42 Resp: 464

Ion	Ratio	Lower	Upper
42	100		
74	71.8	53.0	79.4
44	15.3	7.2	10.8#

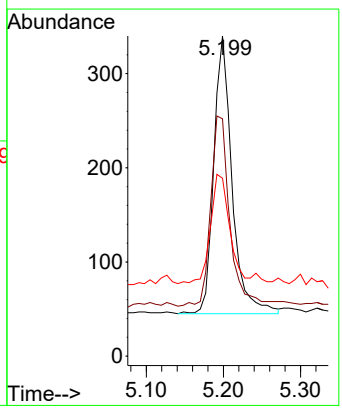


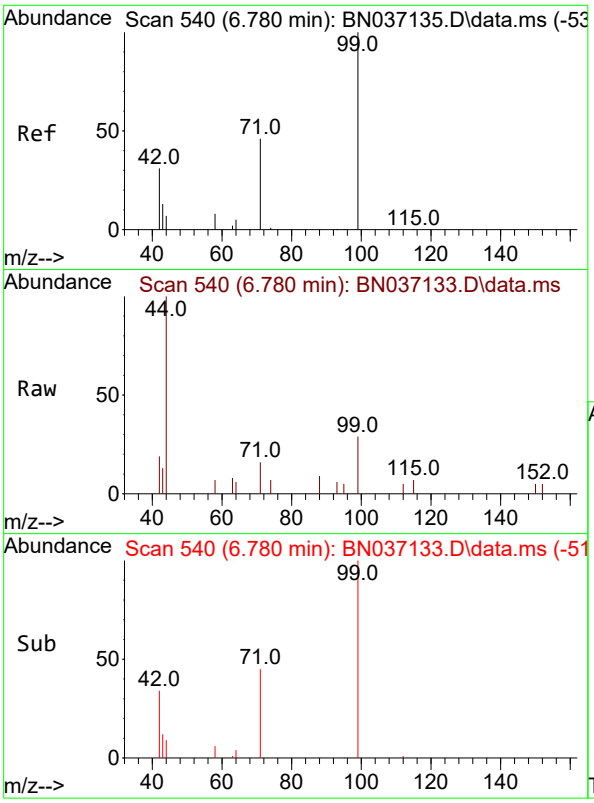


#4
2-Fluorophenol
Concen: 0.105 ng
RT: 5.199 min Scan# 321
Delta R.T. 0.000 min
Lab File: BN037133.D
Acq: 02 Jun 2025 15:45

Tgt Ion:112 Resp: 486

Ion	Ratio	Lower	Upper
112	100		
64	71.0	56.0	84.0
63	41.4	37.0	55.4



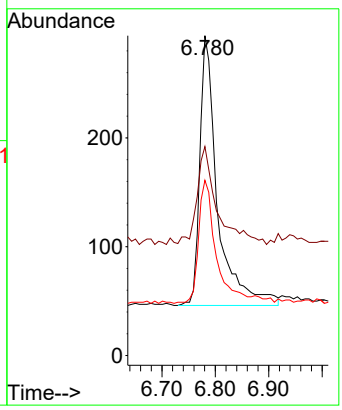


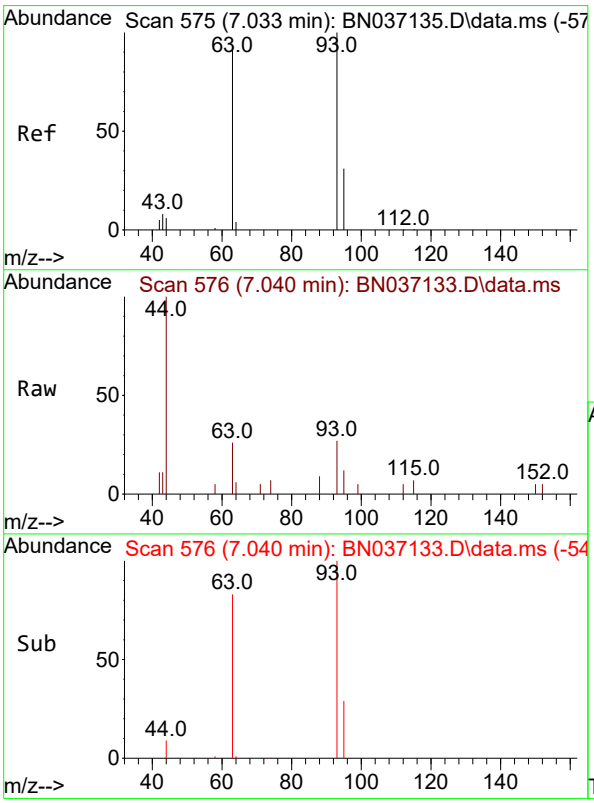
#5
Phenol-d6
Concen: 0.100 ng
RT: 6.780 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN037133.D
Acq: 02 Jun 2025 15:45

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 574

Ion	Ratio	Lower	Upper
99	100		
42	40.8	30.5	45.7
71	46.7	39.1	58.7

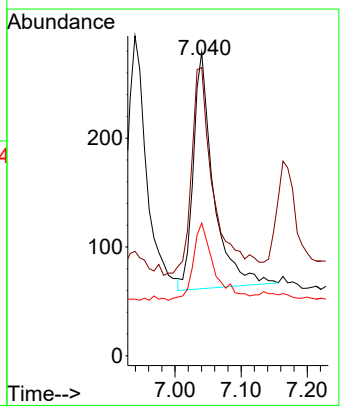


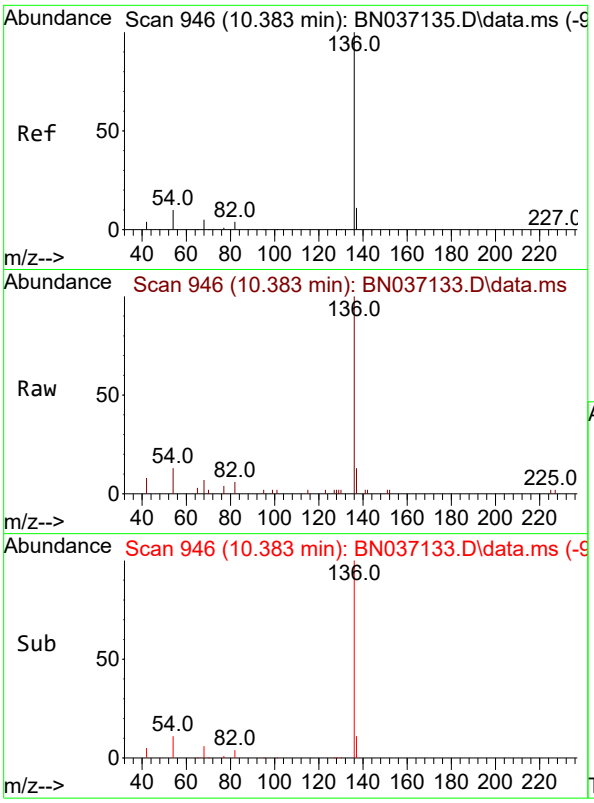


#6
bis(2-Chloroethyl)ether
Concen: 0.088 ng
RT: 7.040 min Scan# 576
Delta R.T. 0.007 min
Lab File: BN037133.D
Acq: 02 Jun 2025 15:45

Tgt Ion: 93 Resp: 459

Ion	Ratio	Lower	Upper
93	100		
63	94.3	68.4	102.6
95	34.2	24.2	36.4



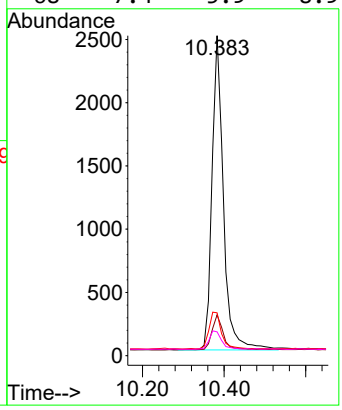


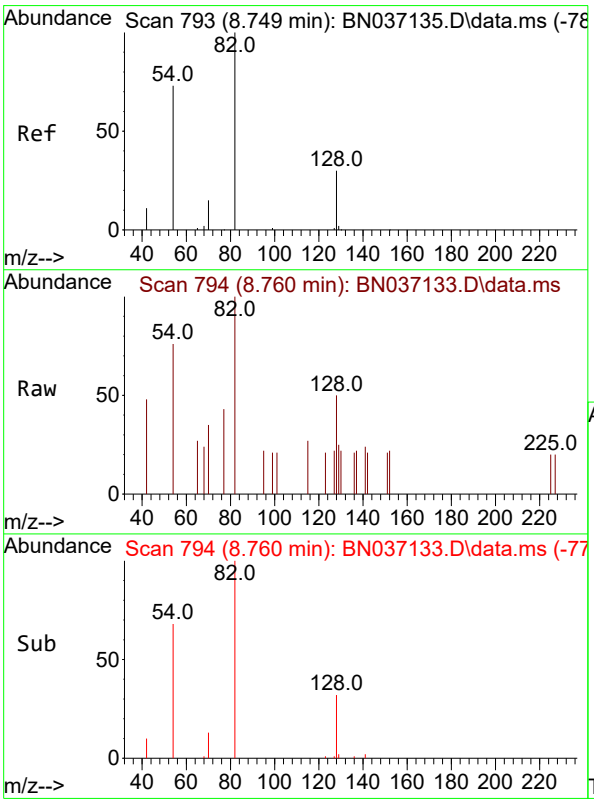
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.383 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN037133.D
Acq: 02 Jun 2025 15:45

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 4811

Ion	Ratio	Lower	Upper
136	100		
137	12.7	10.3	15.5
54	13.4	9.9	14.9
68	7.4	5.9	8.9

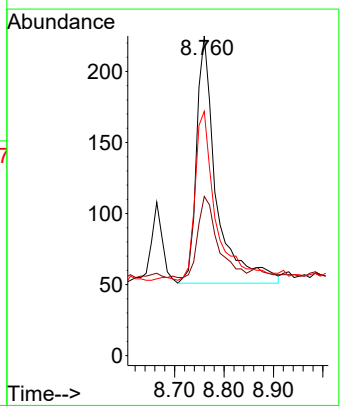


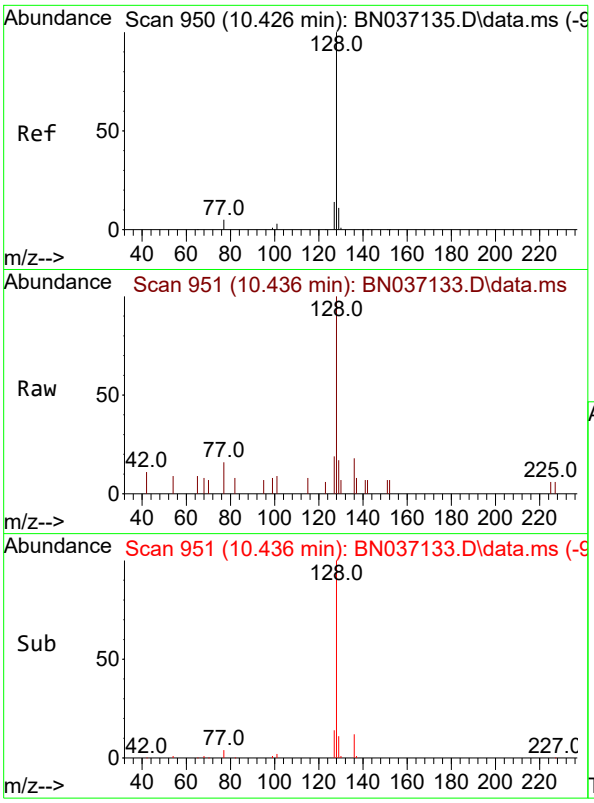


#8
Nitrobenzene-d5
Concen: 0.094 ng
RT: 8.760 min Scan# 794
Delta R.T. 0.011 min
Lab File: BN037133.D
Acq: 02 Jun 2025 15:45

Tgt Ion: 82 Resp: 482

Ion	Ratio	Lower	Upper
82	100		
128	49.8	28.2	42.2#
54	76.4	60.2	90.2



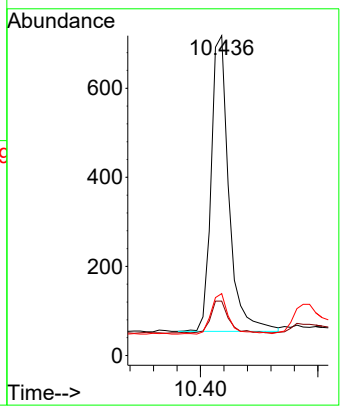


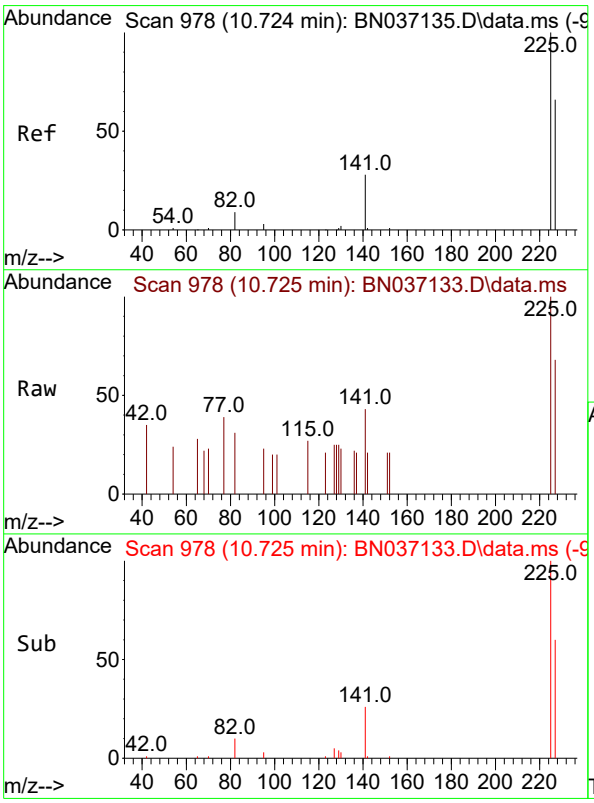
#9
Naphthalene
Concen: 0.101 ng
RT: 10.436 min Scan# 9
Delta R.T. 0.011 min
Lab File: BN037133.D
Acq: 02 Jun 2025 15:45

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 1395

Ion	Ratio	Lower	Upper
128	100		
129	17.0	10.2	15.4#
127	19.4	12.6	18.8#

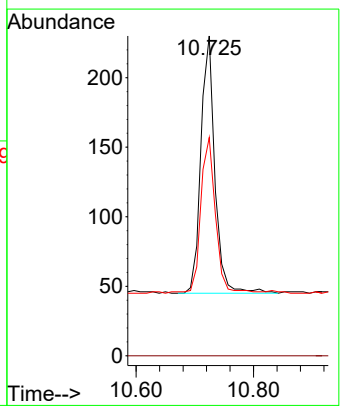


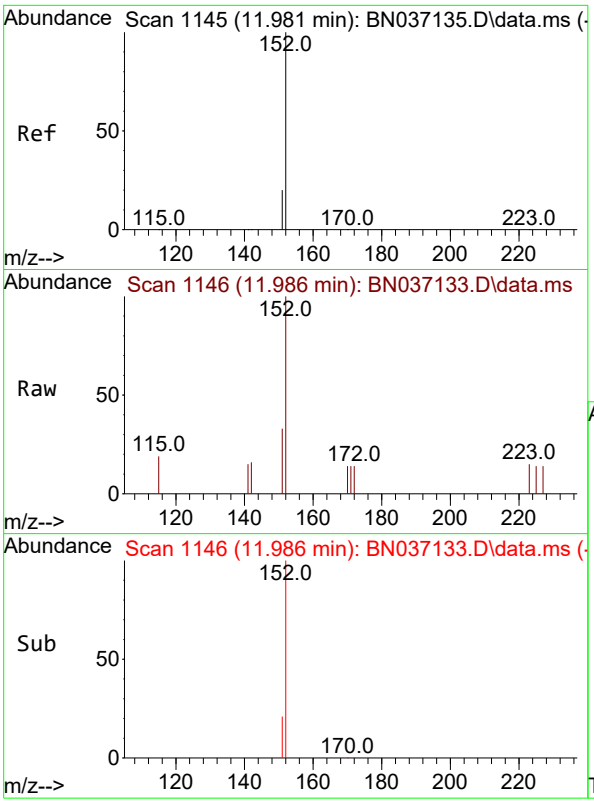


#10
Hexachlorobutadiene
Concen: 0.104 ng
RT: 10.725 min Scan# 978
Delta R.T. 0.000 min
Lab File: BN037133.D
Acq: 02 Jun 2025 15:45

Tgt Ion:225 Resp: 308

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	51.8	77.8



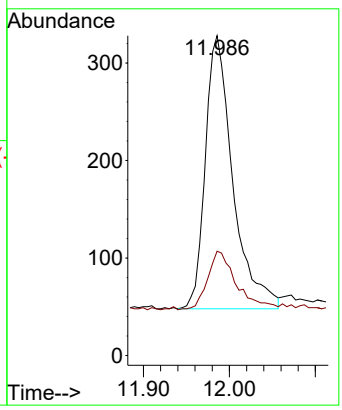


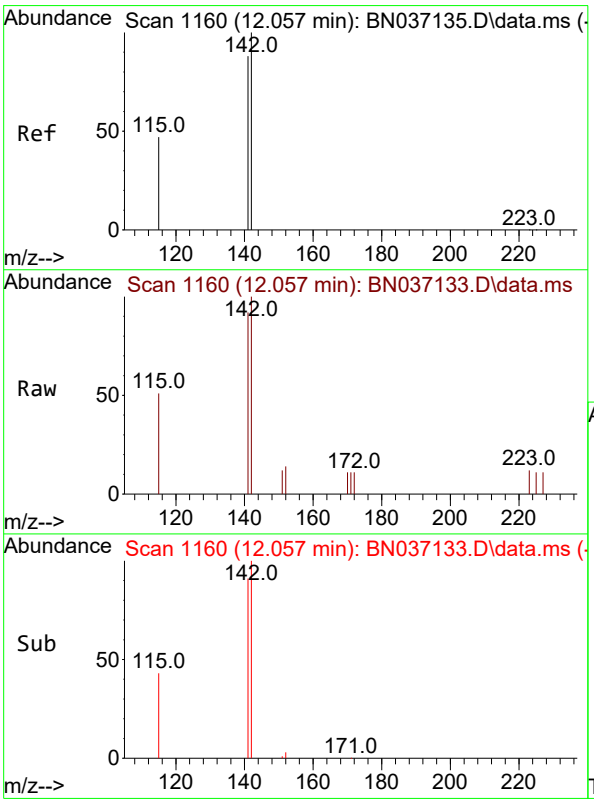
#11
2-Methylnaphthalene-d10
Concen: 0.091 ng
RT: 11.986 min Scan# 11
Delta R.T. 0.005 min
Lab File: BN037133.D
Acq: 02 Jun 2025 15:45

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 623

Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.8	26.6

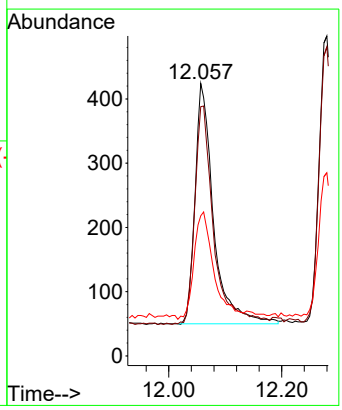


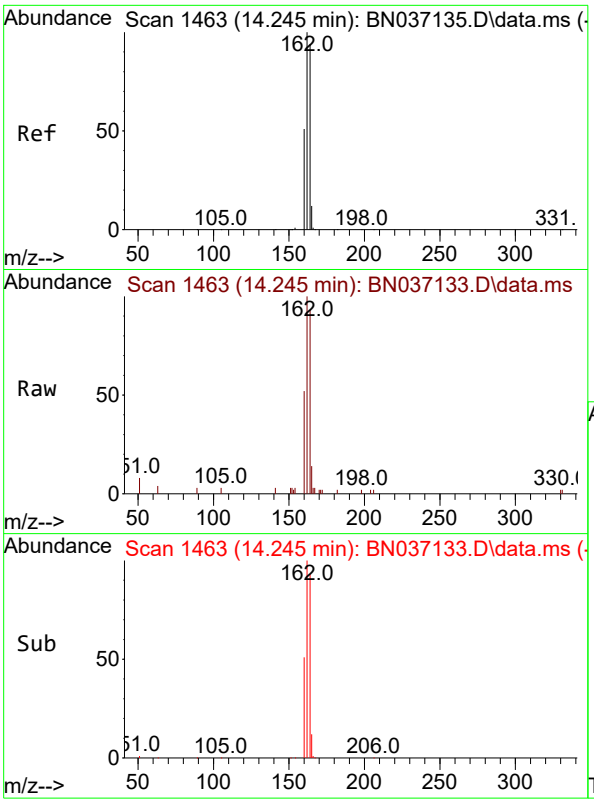


#12
2-Methylnaphthalene
Concen: 0.093 ng
RT: 12.057 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BN037133.D
Acq: 02 Jun 2025 15:45

Tgt Ion:142 Resp: 851

Ion	Ratio	Lower	Upper
142	100		
141	91.5	70.6	106.0
115	51.4	39.7	59.5



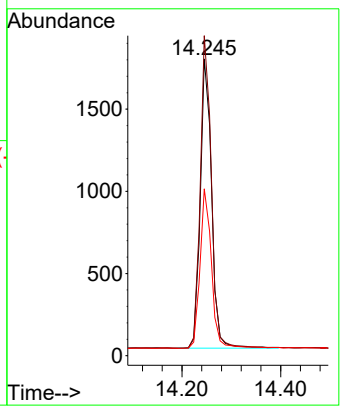


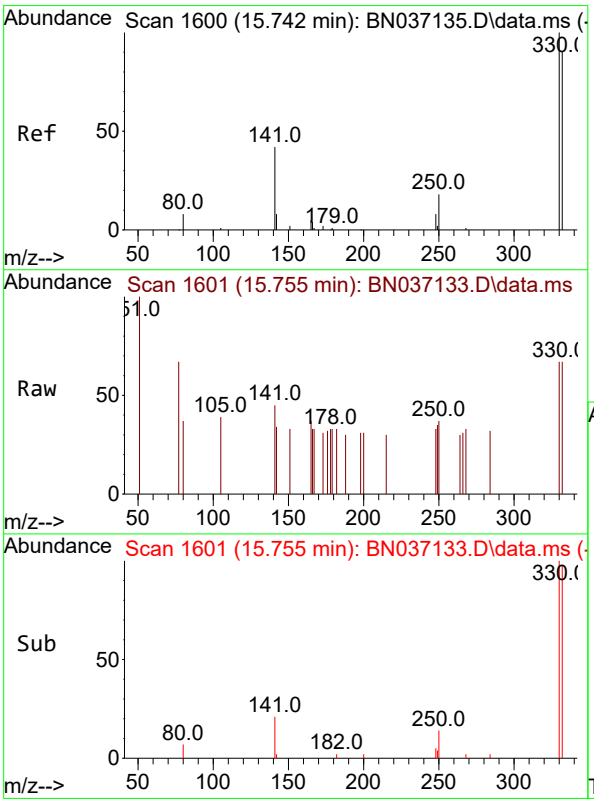
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.245 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN037133.D
Acq: 02 Jun 2025 15:45

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:164 Resp: 2792

Ion	Ratio	Lower	Upper
164	100		
162	107.8	85.1	127.7
160	56.3	44.2	66.4

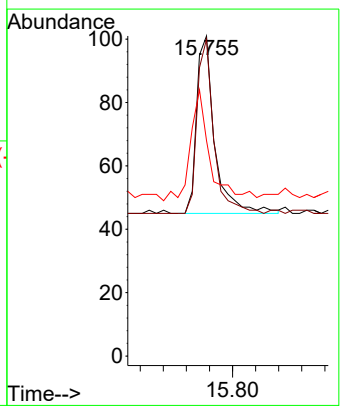


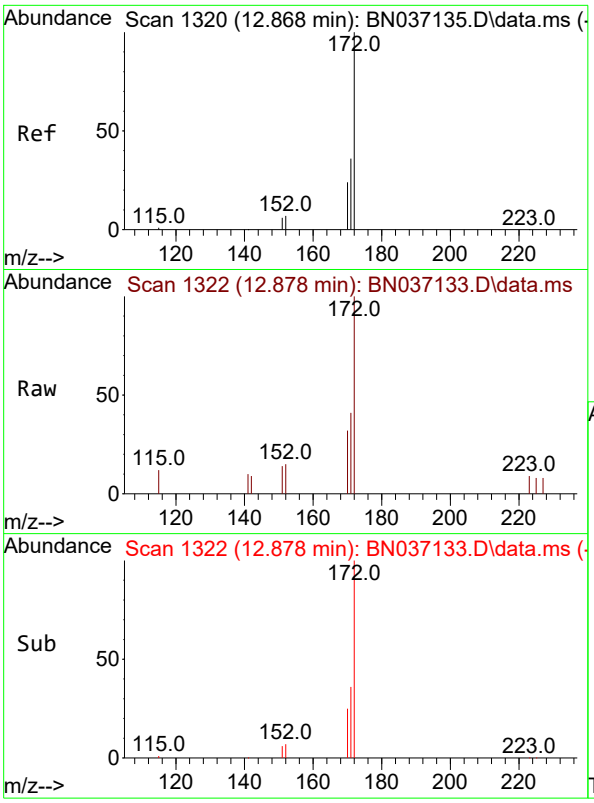


#14
2,4,6-Tribromophenol
Concen: 0.093 ng
RT: 15.755 min Scan# 1601
Delta R.T. 0.012 min
Lab File: BN037133.D
Acq: 02 Jun 2025 15:45

Tgt Ion:330 Resp: 122

Ion	Ratio	Lower	Upper
330	100		
332	90.2	76.6	115.0
141	64.8	47.3	70.9



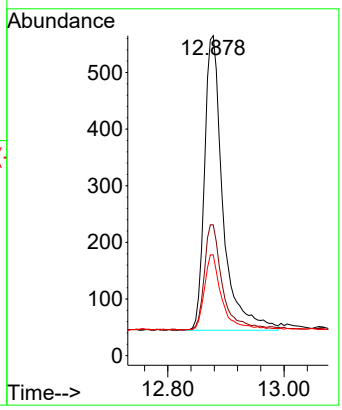


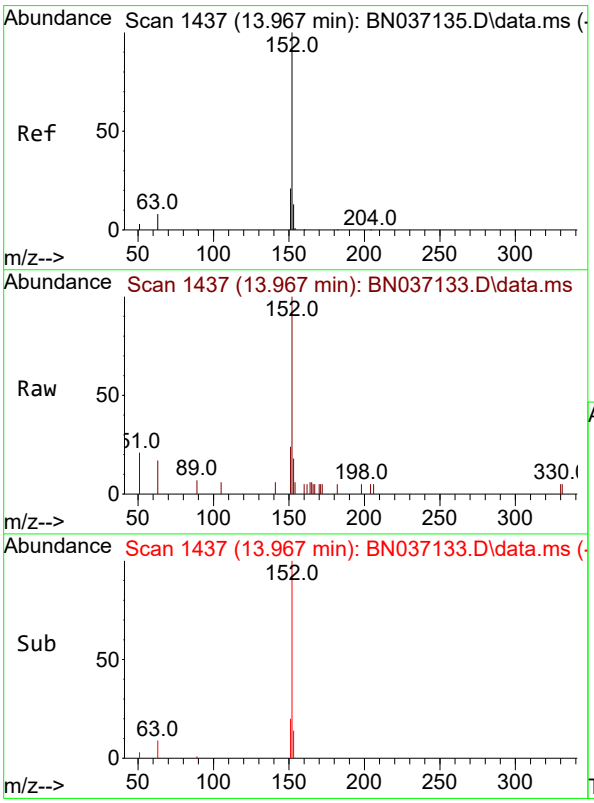
#15
2-Fluorobiphenyl
Concen: 0.099 ng
RT: 12.878 min Scan# 1
Delta R.T. 0.010 min
Lab File: BN037133.D
Acq: 02 Jun 2025 15:45

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 1140

Ion	Ratio	Lower	Upper
172	100		
171	40.9	29.9	44.9
170	31.5	20.5	30.7#

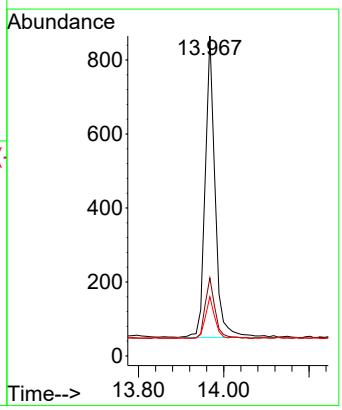


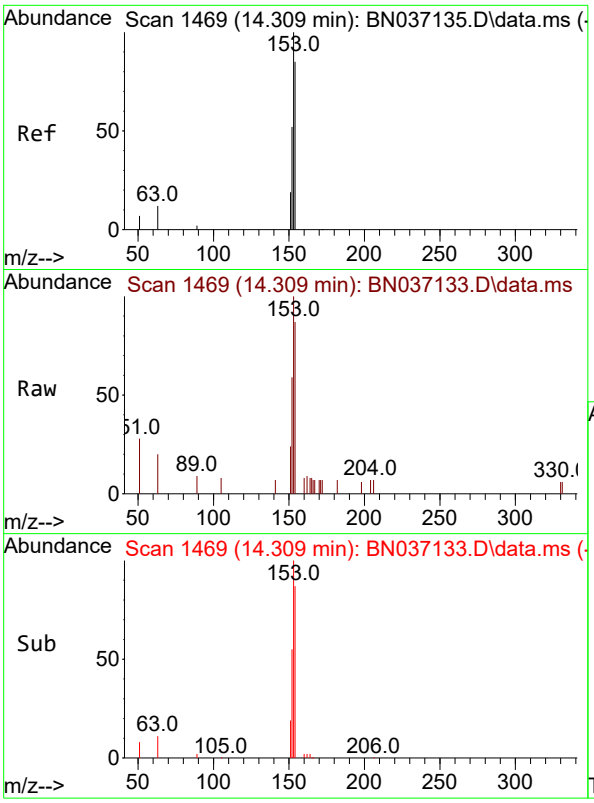


#16
Acenaphthylene
Concen: 0.097 ng
RT: 13.967 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BN037133.D
Acq: 02 Jun 2025 15:45

Tgt Ion:152 Resp: 1320

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.4	24.6
153	13.1	10.5	15.7



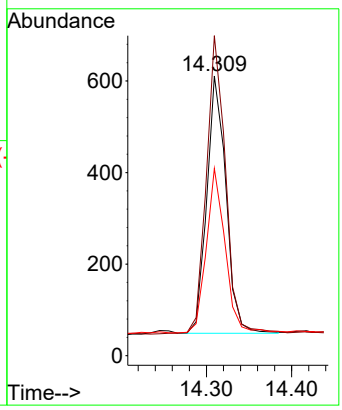


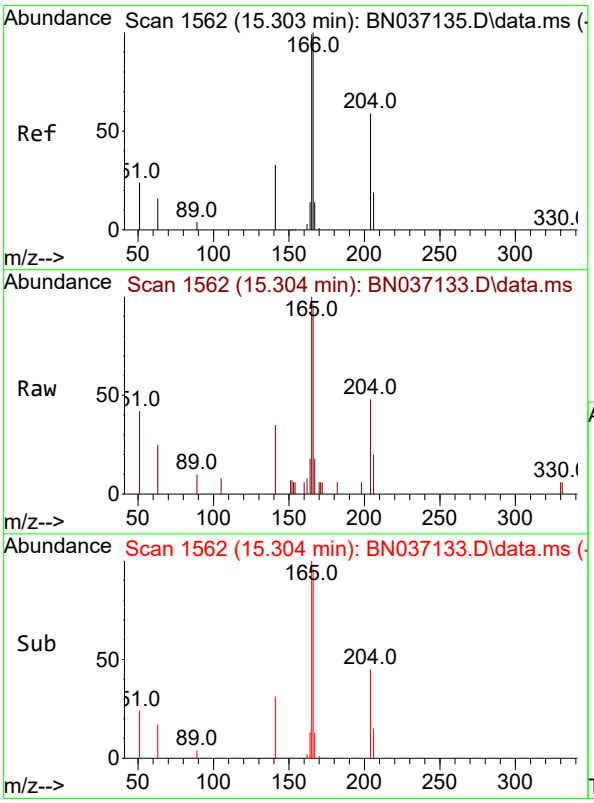
#17
Acenaphthene
Concen: 0.099 ng
RT: 14.309 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN037133.D
Acq: 02 Jun 2025 15:45

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:154 Resp: 876

Ion	Ratio	Lower	Upper
154	100		
153	117.1	95.4	143.2
152	62.8	50.6	75.8

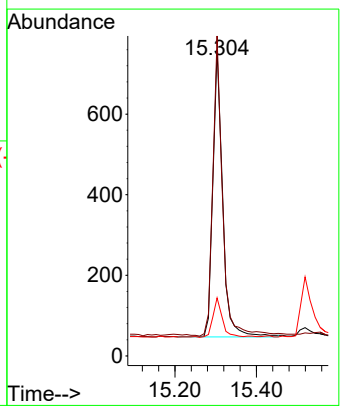


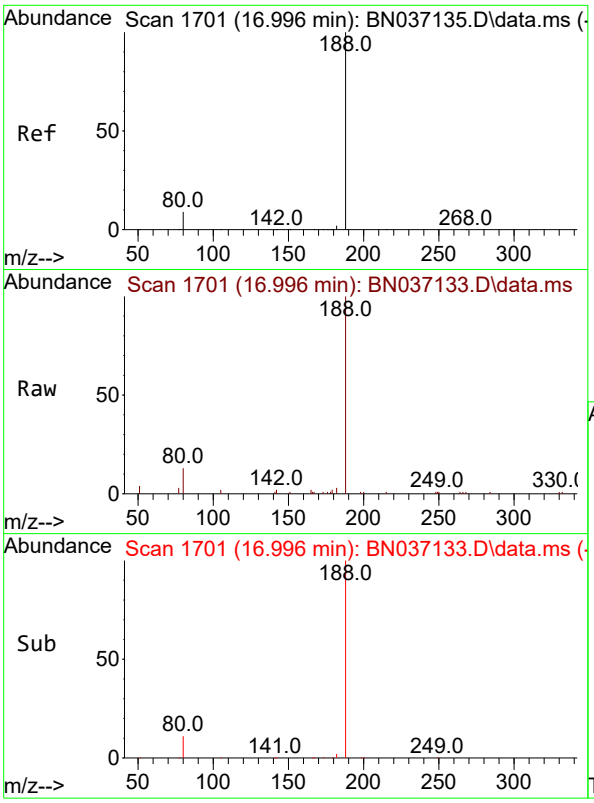


#18
Fluorene
Concen: 0.098 ng
RT: 15.304 min Scan# 1562
Delta R.T. 0.000 min
Lab File: BN037133.D
Acq: 02 Jun 2025 15:45

Tgt Ion:166 Resp: 1185

Ion	Ratio	Lower	Upper
166	100		
165	103.8	81.4	122.0
167	12.7	10.9	16.3



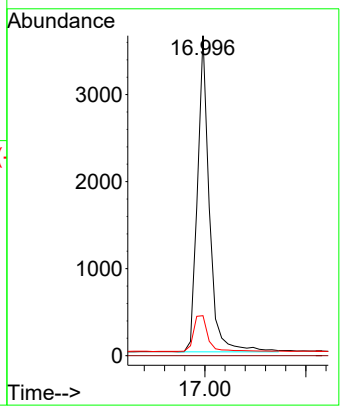


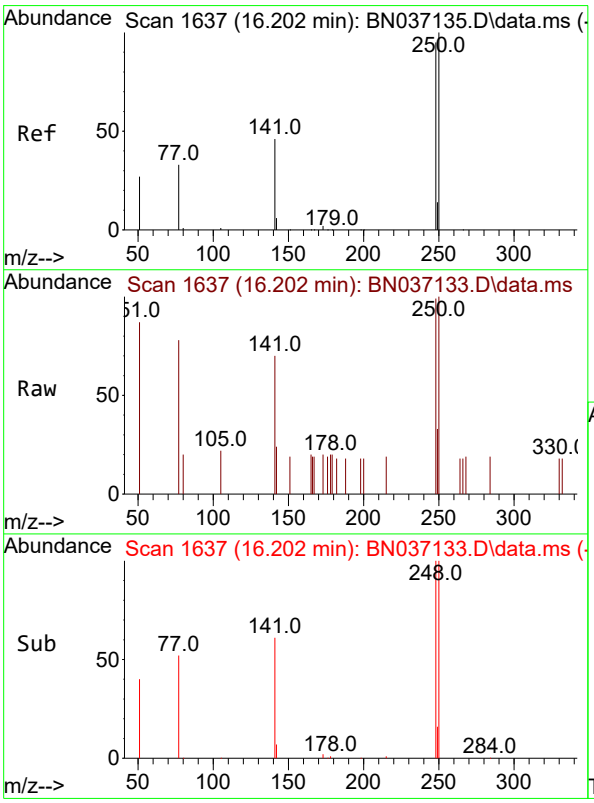
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.996 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037133.D
Acq: 02 Jun 2025 15:45

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:188 Resp: 5955

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.5	8.4	12.6

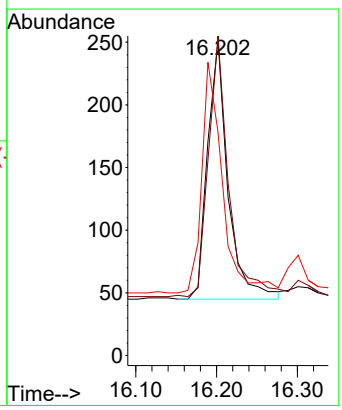


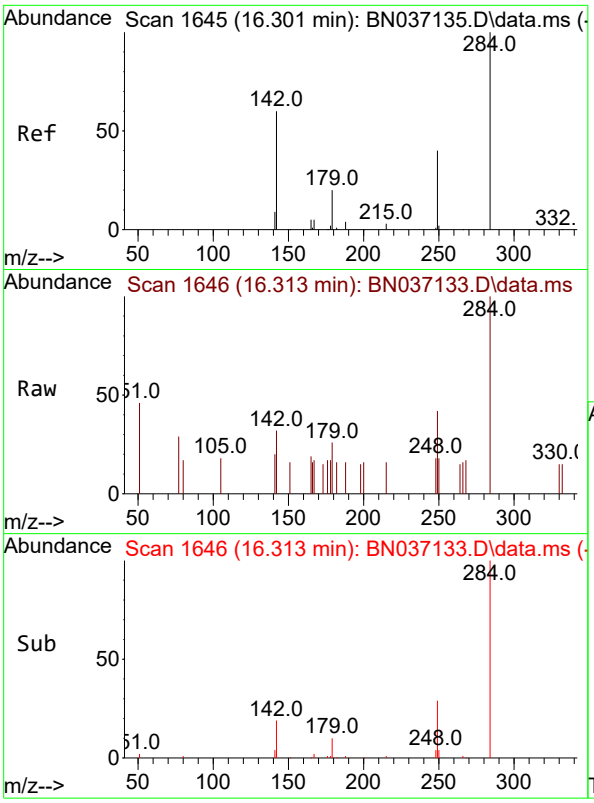


#21
4-Bromophenyl-phenylether
Concen: 0.096 ng
RT: 16.202 min Scan# 1637
Delta R.T. 0.000 min
Lab File: BN037133.D
Acq: 02 Jun 2025 15:45

Tgt Ion:248 Resp: 363

Ion	Ratio	Lower	Upper
248	100		
250	101.2	83.8	125.6
141	70.6	41.9	62.9#



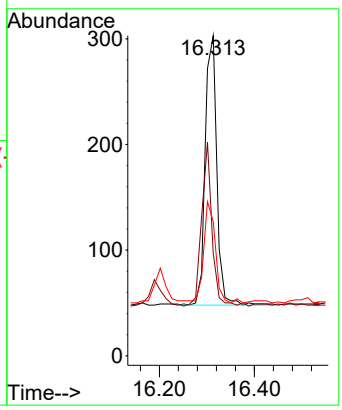


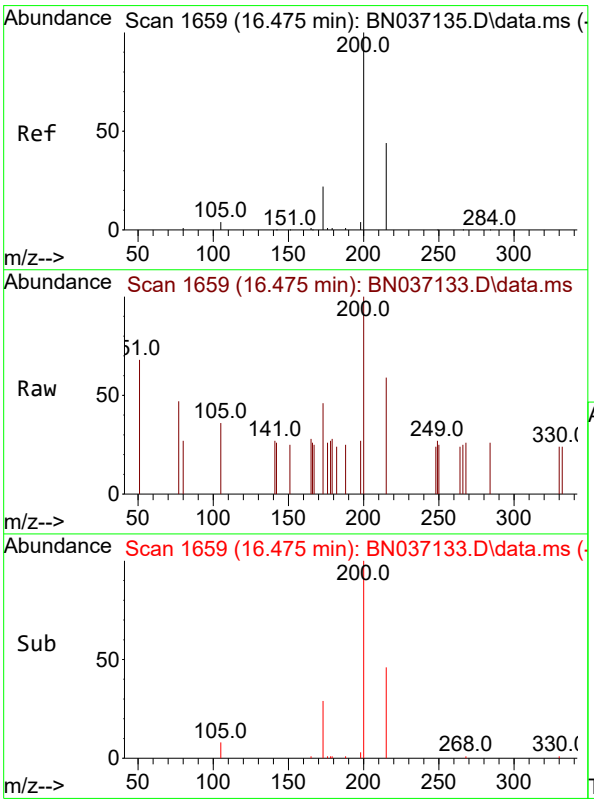
#22
Hexachlorobenzene
Concen: 0.106 ng
RT: 16.313 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN037133.D
Acq: 02 Jun 2025 15:45

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:284 Resp: 436

Ion	Ratio	Lower	Upper
284	100		
142	54.1	43.0	64.6
249	36.9	29.4	44.0

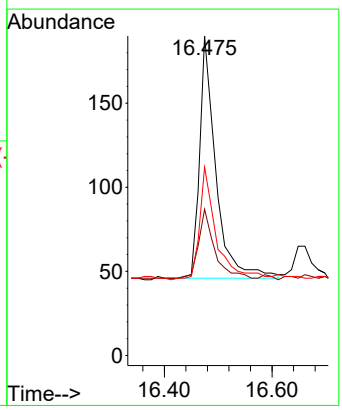


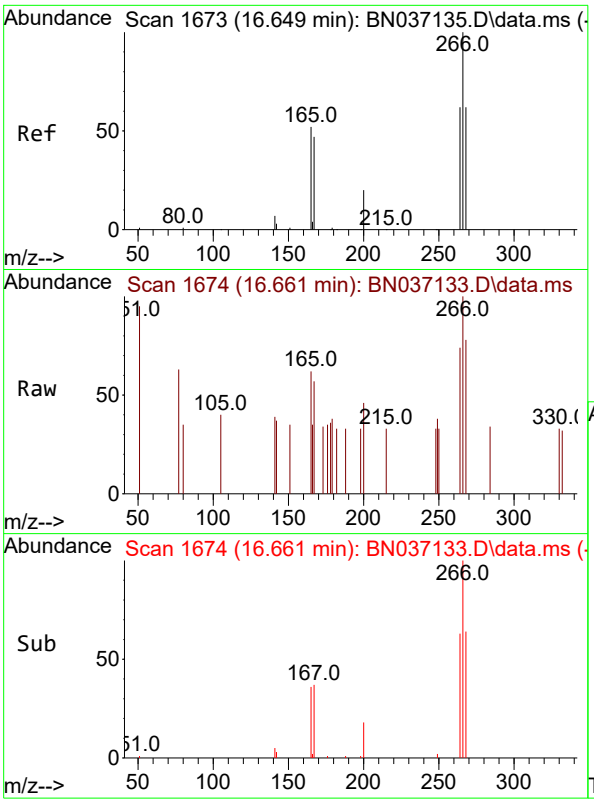


#23
Atrazine
Concen: 0.088 ng
RT: 16.475 min Scan# 1659
Delta R.T. 0.000 min
Lab File: BN037133.D
Acq: 02 Jun 2025 15:45

Tgt Ion:200 Resp: 301

Ion	Ratio	Lower	Upper
200	100		
173	45.8	22.3	33.5#
215	58.9	38.3	57.5#



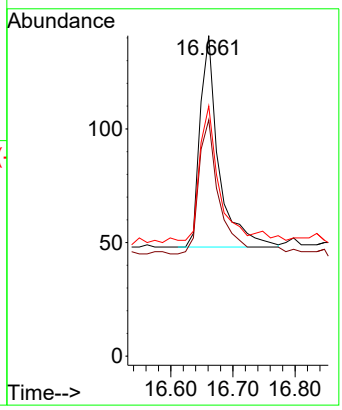


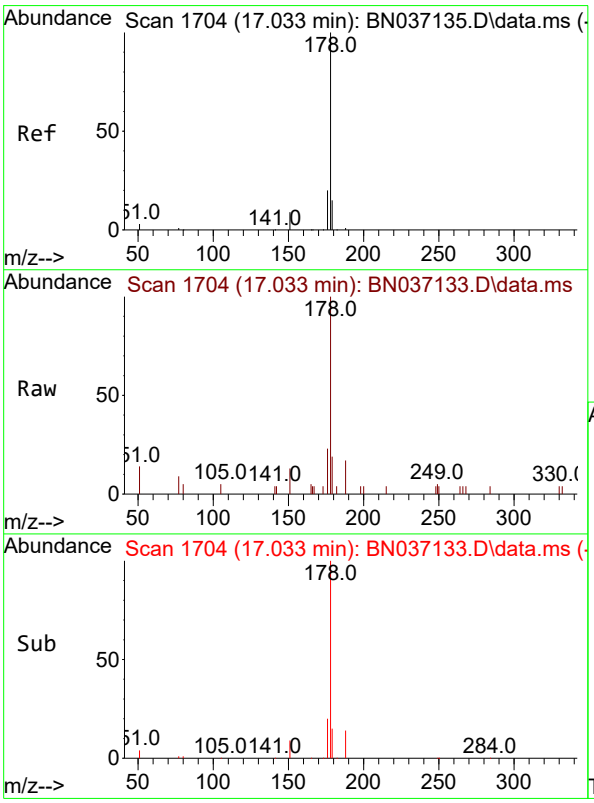
#24
Pentachlorophenol
Concen: 0.087 ng
RT: 16.661 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN037133.D
Acq: 02 Jun 2025 15:45

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:266 Resp: 194

Ion	Ratio	Lower	Upper
266	100		
264	68.6	49.0	73.4
268	73.2	51.6	77.4

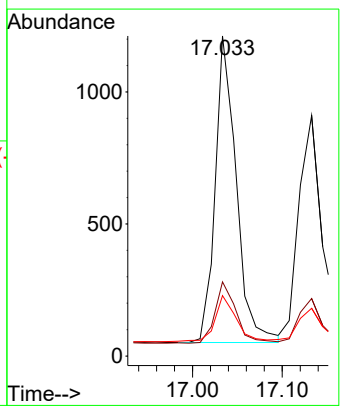


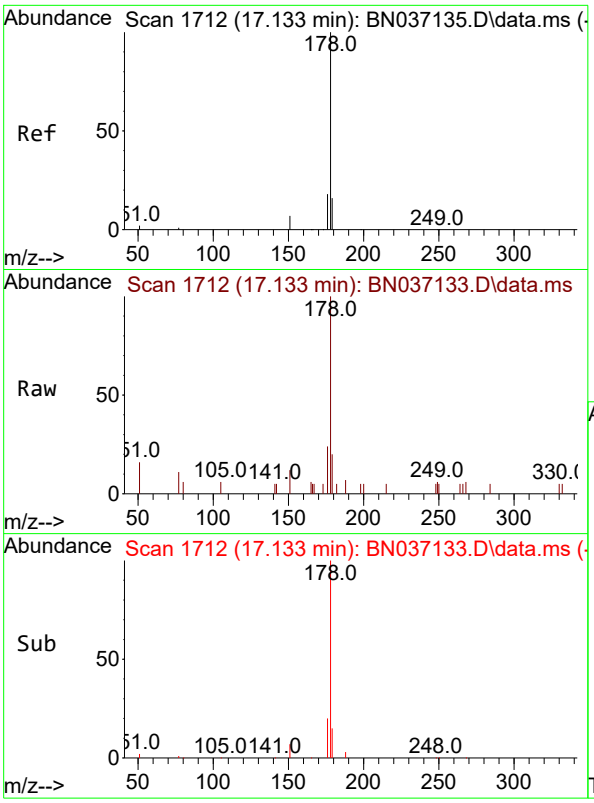


#25
Phenanthrene
Concen: 0.098 ng
RT: 17.033 min Scan# 1704
Delta R.T. 0.000 min
Lab File: BN037133.D
Acq: 02 Jun 2025 15:45

Tgt Ion:178 Resp: 1895

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.1	24.1
179	15.3	12.4	18.6



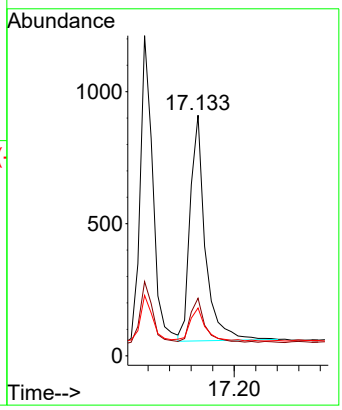


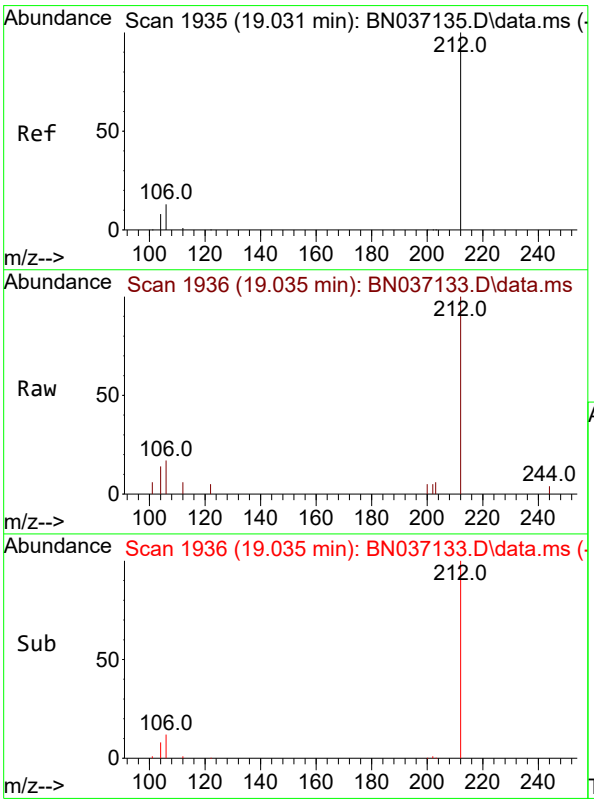
#26
Anthracene
Concen: 0.094 ng
RT: 17.133 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037133.D
Acq: 02 Jun 2025 15:45

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 1664

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.0	22.4
179	15.6	12.3	18.5

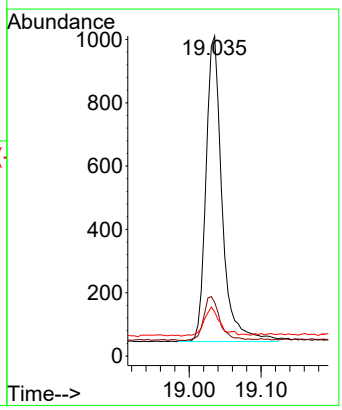


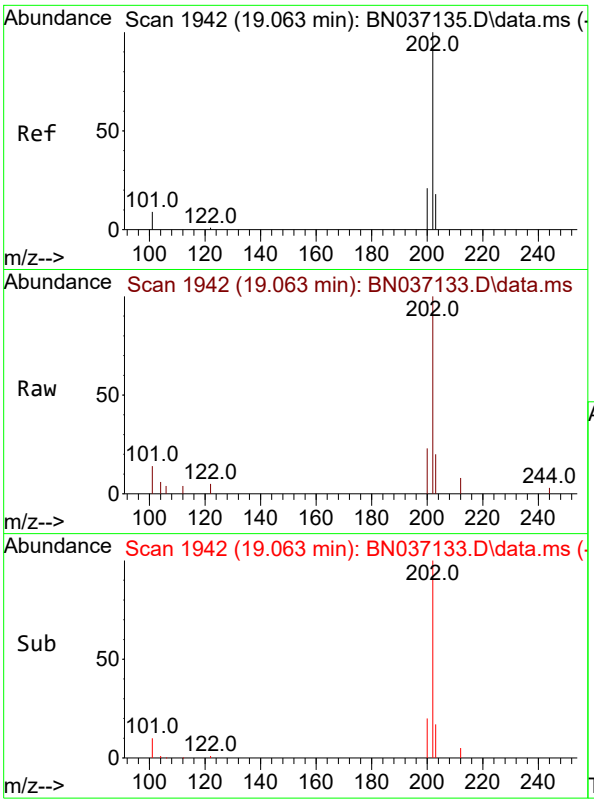


#27
Fluoranthene-d10
Concen: 0.093 ng
RT: 19.035 min Scan# 1936
Delta R.T. 0.005 min
Lab File: BN037133.D
Acq: 02 Jun 2025 15:45

Tgt Ion:212 Resp: 1496

Ion	Ratio	Lower	Upper
212	100		
106	14.6	10.8	16.2
104	9.7	6.8	10.2



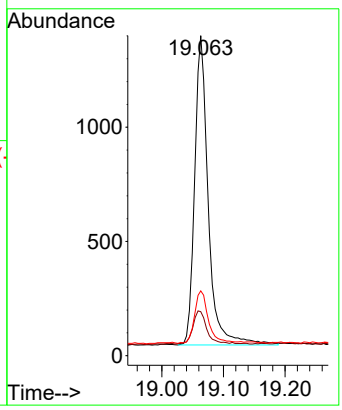


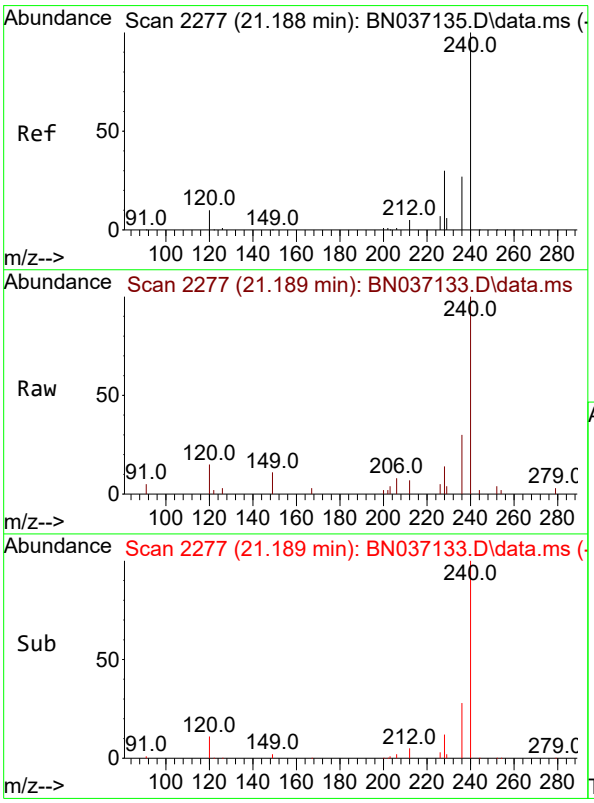
#28
Fluoranthene
Concen: 0.092 ng
RT: 19.063 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037133.D
Acq: 02 Jun 2025 15:45

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:202 Resp: 2084

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.4	12.6
203	17.3	13.6	20.4

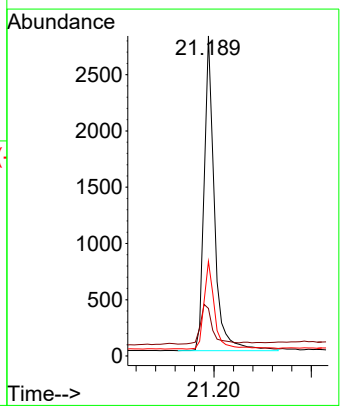


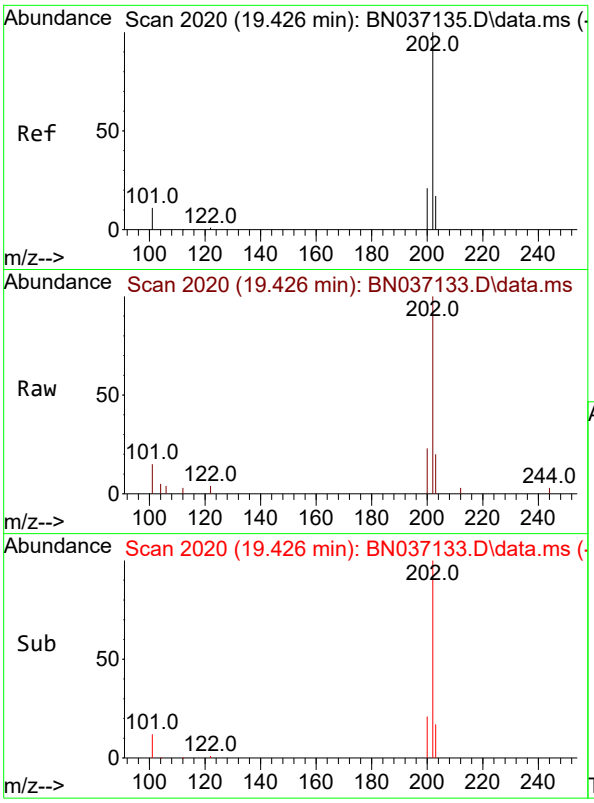


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.189 min Scan# 2277
Delta R.T. 0.000 min
Lab File: BN037133.D
Acq: 02 Jun 2025 15:45

Tgt Ion:240 Resp: 4138

Ion	Ratio	Lower	Upper
240	100		
120	14.9	10.5	15.7
236	29.6	23.0	34.6



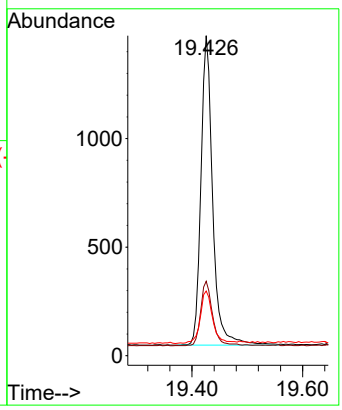


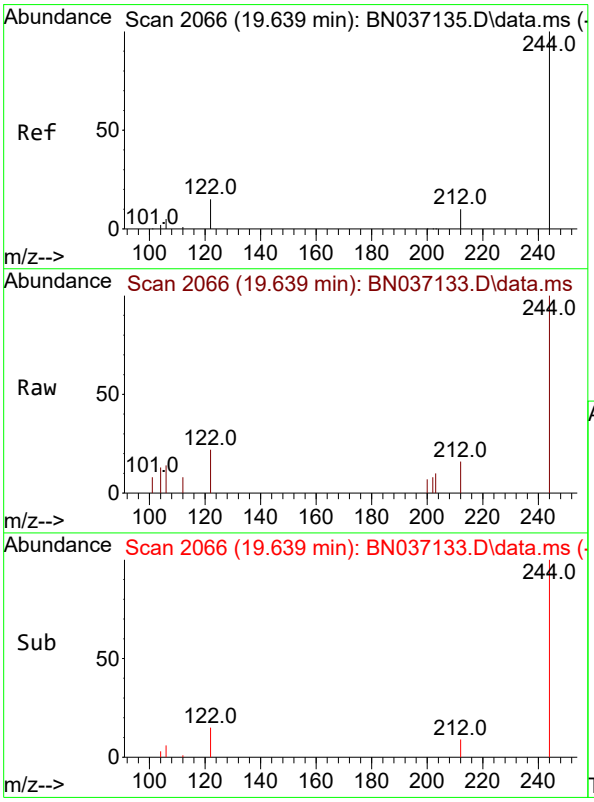
#30
Pyrene
Concen: 0.107 ng
RT: 19.426 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037133.D
Acq: 02 Jun 2025 15:45

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:202 Resp: 2104

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.6
203	18.2	14.2	21.4

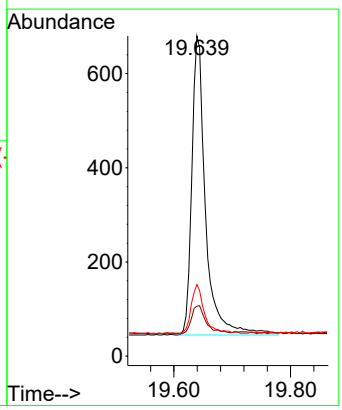


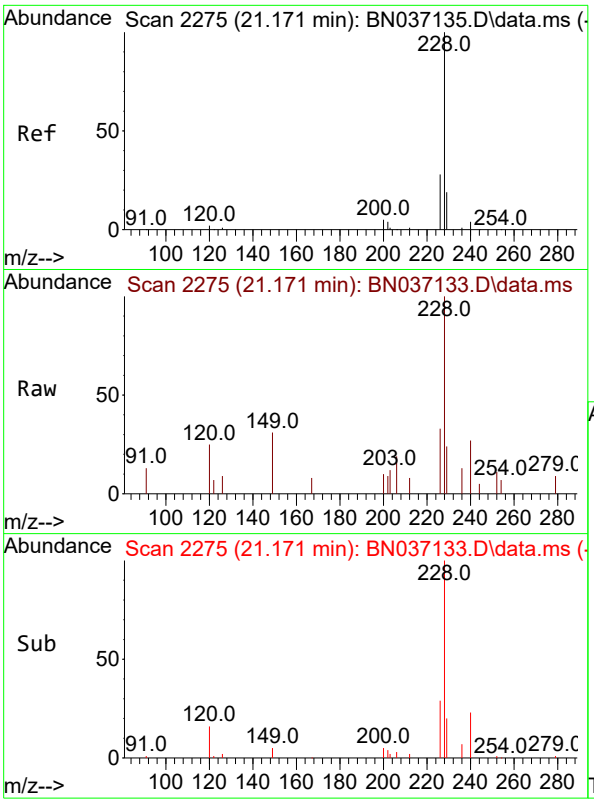


#31
Terphenyl-d14
Concen: 0.107 ng
RT: 19.639 min Scan# 2066
Delta R.T. 0.000 min
Lab File: BN037133.D
Acq: 02 Jun 2025 15:45

Tgt Ion:244 Resp: 1037

Ion	Ratio	Lower	Upper
244	100		
212	15.6	9.2	13.8#
122	22.4	13.2	19.8#



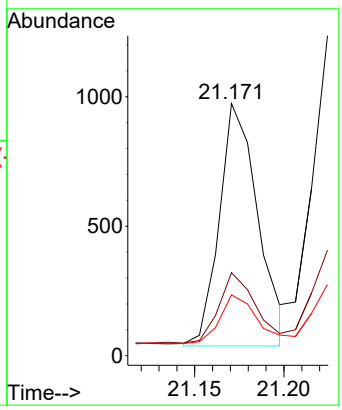


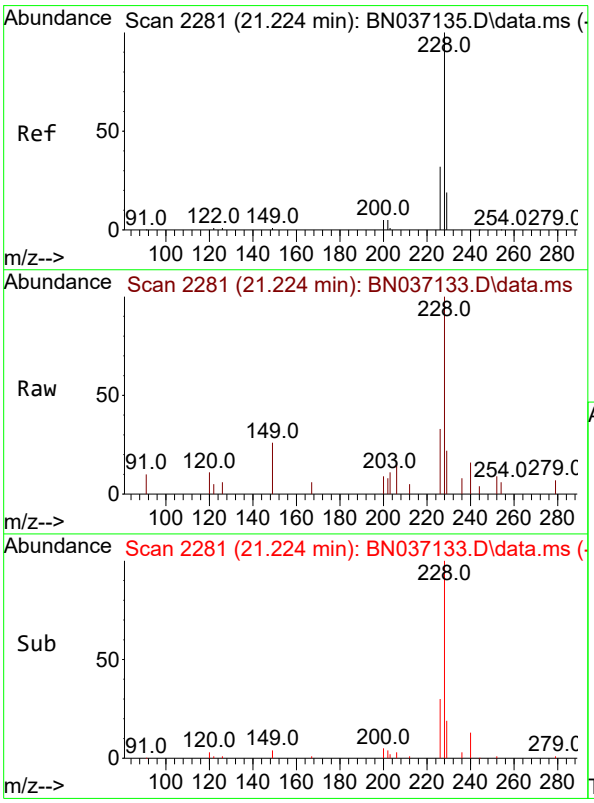
#32
Benzo(a)anthracene
Concen: 0.094 ng m
RT: 21.171 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037133.D
Acq: 02 Jun 2025 15:45

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 1410

Ion	Ratio	Lower	Upper
228	100		
226	33.0	23.0	34.4
229	24.1	15.8	23.8#

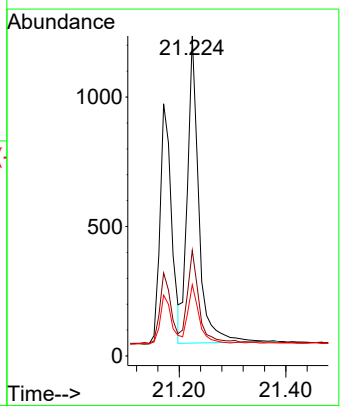


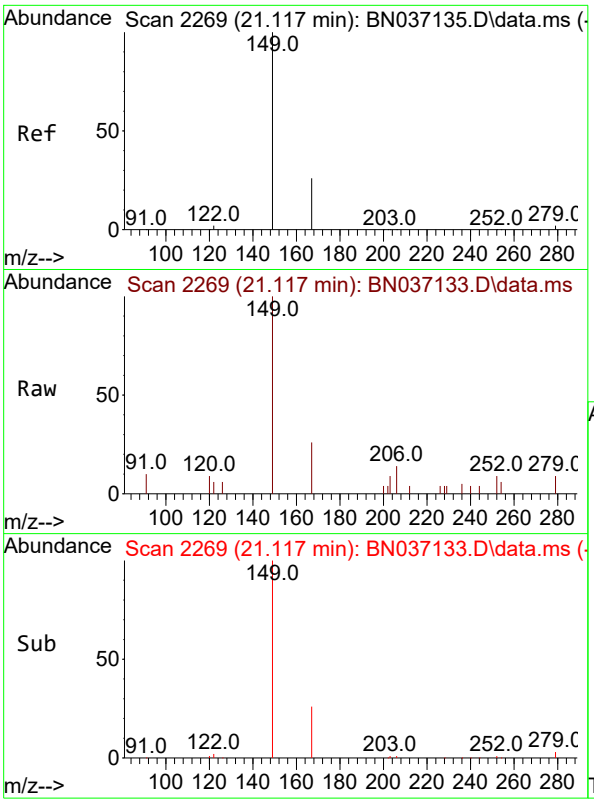


#33
Chrysene
Concen: 0.105 ng
RT: 21.224 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BN037133.D
Acq: 02 Jun 2025 15:45

Tgt Ion:228 Resp: 1756

Ion	Ratio	Lower	Upper
228	100		
226	33.0	25.7	38.5
229	22.2	16.3	24.5



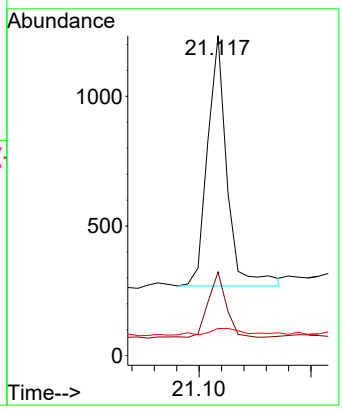


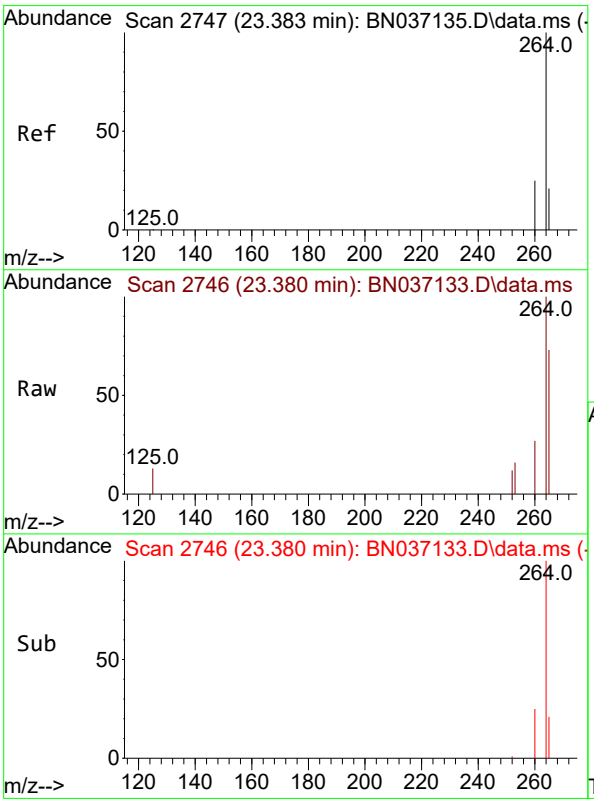
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.108 ng
RT: 21.117 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037133.D
Acq: 02 Jun 2025 15:45

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:149 Resp: 1157

Ion	Ratio	Lower	Upper
149	100		
167	24.0	20.7	31.1
279	5.2	2.8	4.2#

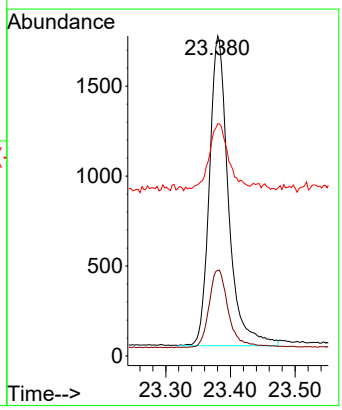


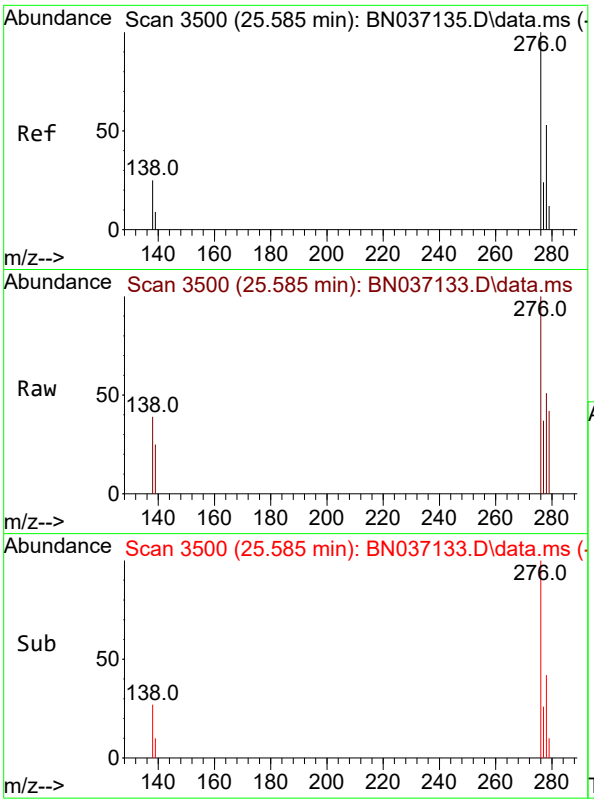


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.380 min Scan# 2746
Delta R.T. -0.003 min
Lab File: BN037133.D
Acq: 02 Jun 2025 15:45

Tgt Ion:264 Resp: 3519

Ion	Ratio	Lower	Upper
264	100		
260	26.8	21.4	32.2
265	72.6	51.2	76.8



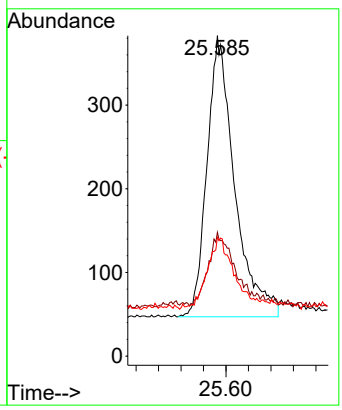


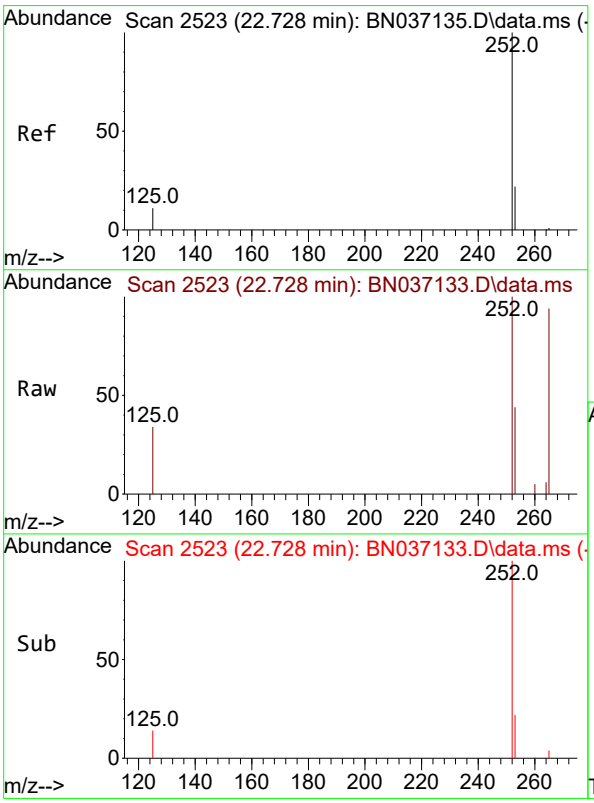
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.089 ng
RT: 25.585 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN037133.D
Acq: 02 Jun 2025 15:45

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 1146

Ion	Ratio	Lower	Upper
276	100		
138	24.7	19.5	29.3
277	22.9	19.5	29.3

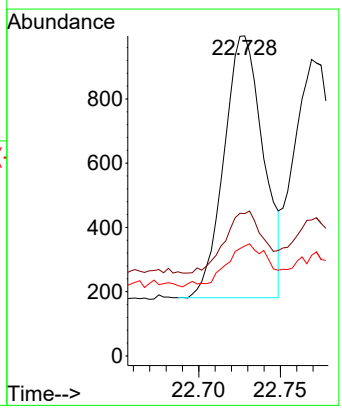


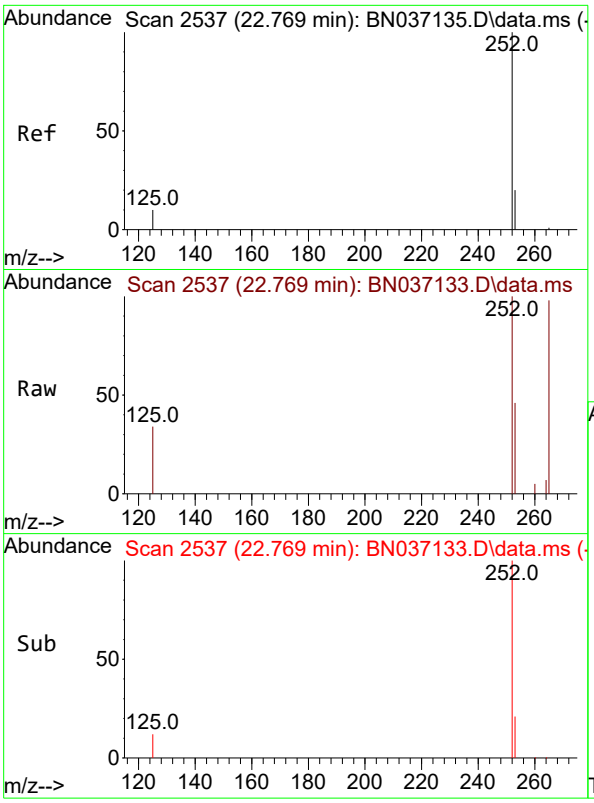


#37
Benzo(b)fluoranthene
Concen: 0.095 ng
RT: 22.728 min Scan# 2523
Delta R.T. 0.000 min
Lab File: BN037133.D
Acq: 02 Jun 2025 15:45

Tgt Ion:252 Resp: 1365

Ion	Ratio	Lower	Upper
252	100		
253	44.5	22.6	34.0#
125	34.3	13.0	19.6#



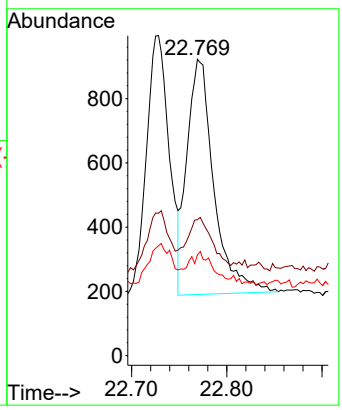


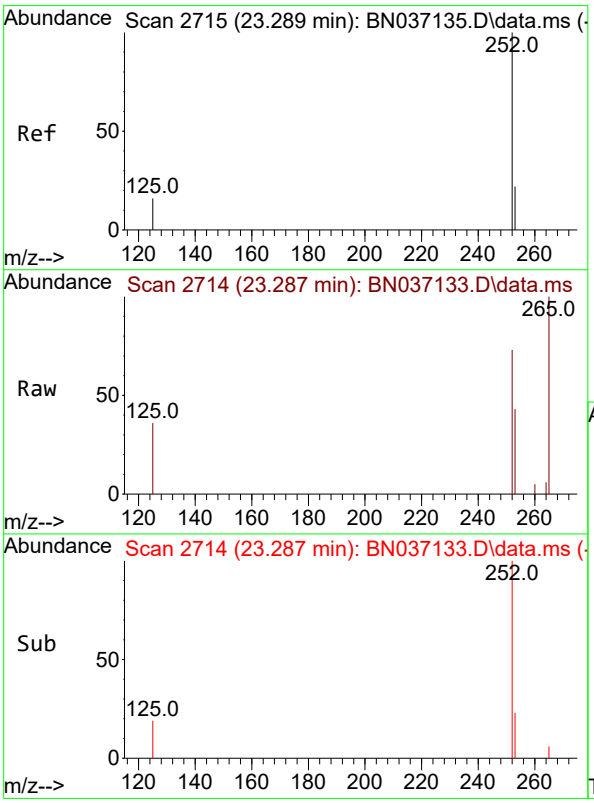
#38
Benzo(k)fluoranthene
Concen: 0.100 ng
RT: 22.769 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037133.D
Acq: 02 Jun 2025 15:45

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 1443

Ion	Ratio	Lower	Upper
252	100		
253	45.8	21.8	32.8#
125	33.9	13.2	19.8#

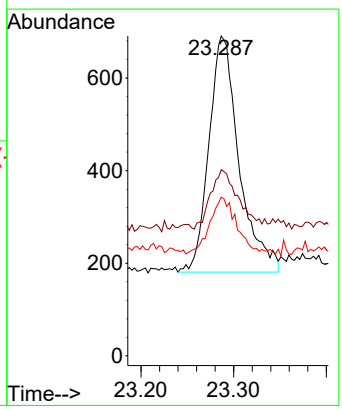


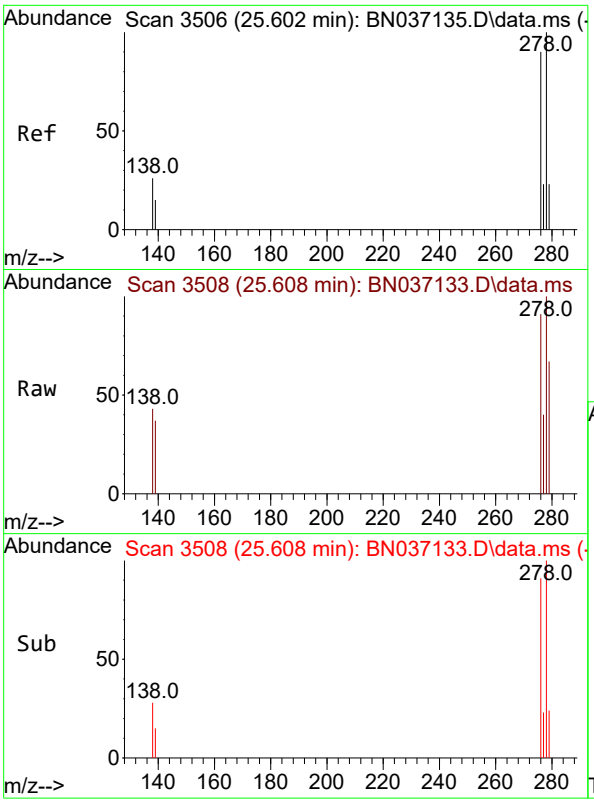


#39
Benzo(a)pyrene
Concen: 0.097 ng
RT: 23.287 min Scan# 2714
Delta R.T. -0.003 min
Lab File: BN037133.D
Acq: 02 Jun 2025 15:45

Tgt Ion:252 Resp: 1152

Ion	Ratio	Lower	Upper
252	100		
253	58.2	24.8	37.2#
125	49.6	18.7	28.1#



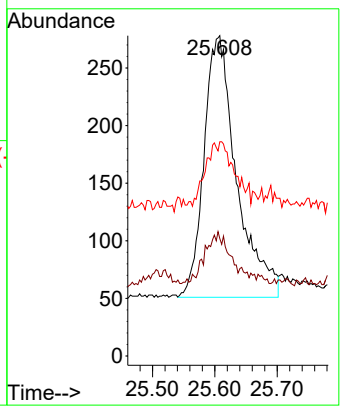


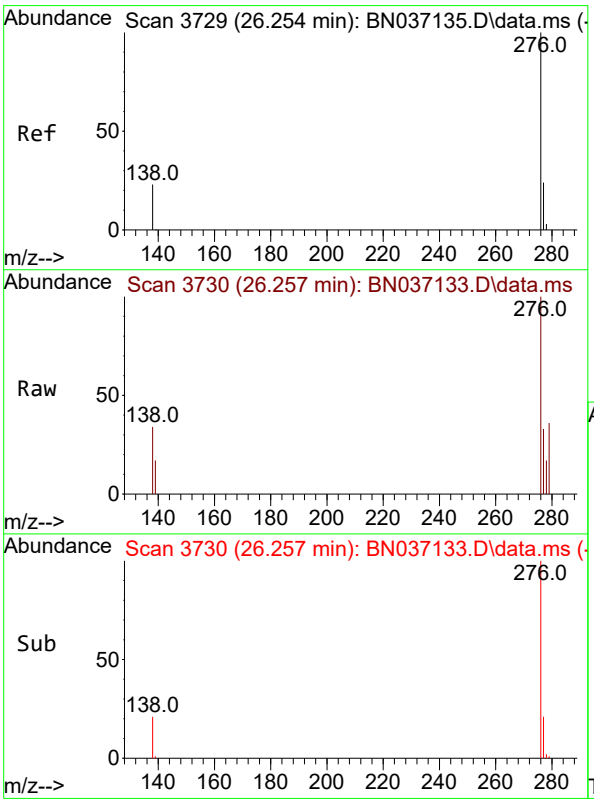
#40
Dibenzo(a,h)anthracene
Concen: 0.086 ng
RT: 25.608 min Scan# 3
Delta R.T. 0.006 min
Lab File: BN037133.D
Acq: 02 Jun 2025 15:45

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:278 Resp: 827

Ion	Ratio	Lower	Upper
278	100		
139	36.7	17.2	25.8#
279	66.9	26.0	39.0#





#41
Benzo(g,h,i)perylene
Concen: 0.093 ng
RT: 26.257 min Scan# 3730
Delta R.T. 0.003 min
Lab File: BN037133.D
Acq: 02 Jun 2025 15:45

Tgt Ion:276 Resp: 1077

Ion	Ratio	Lower	Upper
276	100		
277	33.3	21.9	32.9#
138	34.4	20.7	31.1#