Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061925\
Data File : BN037313.D
Acq On : 18 Jun 2025 14:06
Operator : RC/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jun 18 18:31:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 18 18:27:59 2025
Response via : Initial Calibration

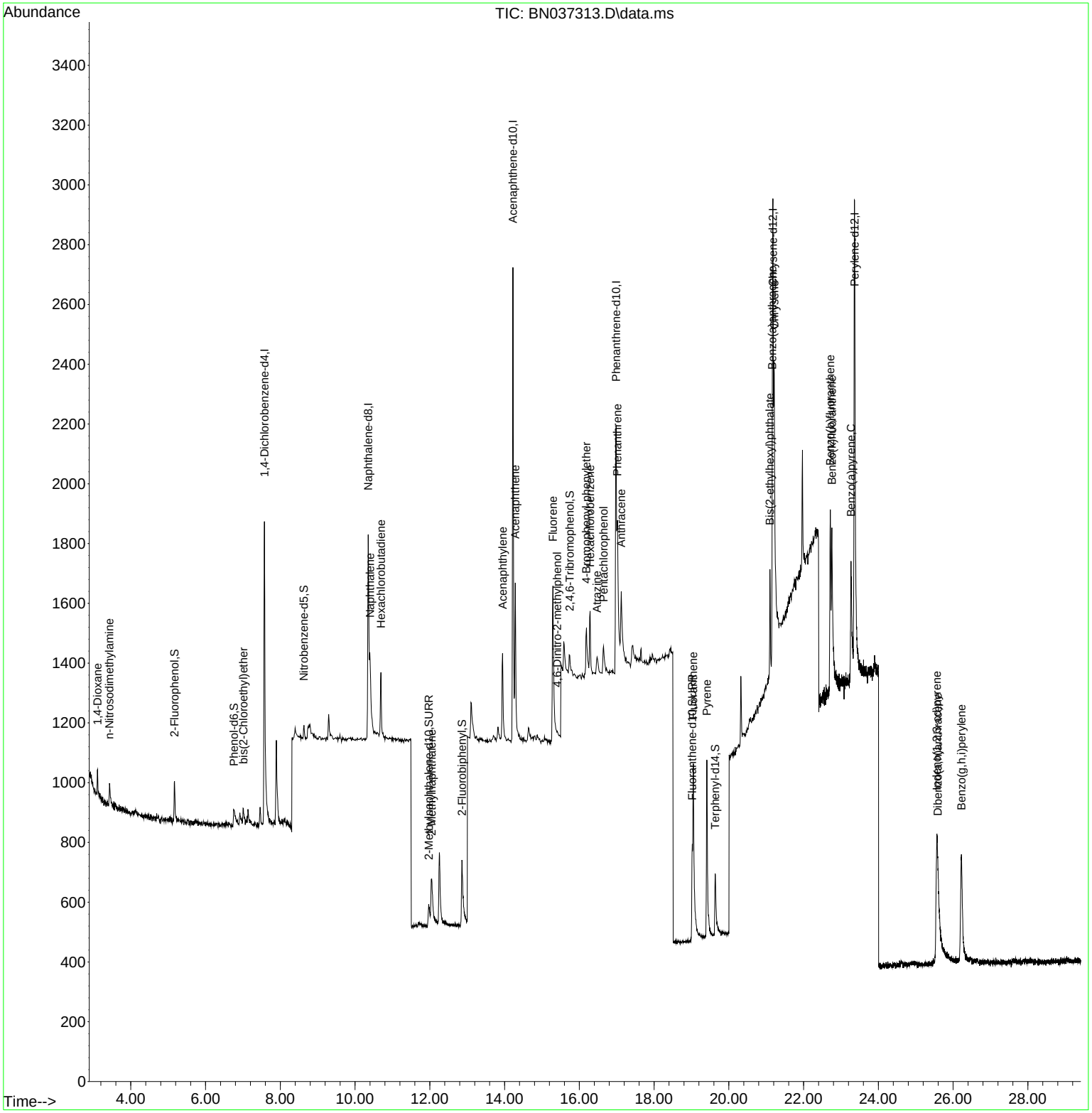
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	709	0.400	ng	0.00
7) Naphthalene-d8	10.351	136	1443	0.400	ng	# 0.00
13) Acenaphthene-d10	14.224	164	1078	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	2152	0.400	ng	# 0.01
29) Chrysene-d12	21.179	240	2320	0.400	ng	0.00
35) Perylene-d12	23.362	264	2618	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.170	112	129	0.100	ng	0.00
5) Phenol-d6	6.759	99	90	0.071	ng	0.00
8) Nitrobenzene-d5	8.632	82	60	0.051	ng	-0.10
11) 2-Methylnaphthalene-d10	11.970	152	210	0.090	ng	0.02
14) 2,4,6-Tribromophenol	15.742	330	70	0.090	ng	0.02
15) 2-Fluorobiphenyl	12.858	172	417	0.088	ng	0.01
27) Fluoranthene-d10	19.021	212	688	0.101	ng	0.00
31) Terphenyl-d14	19.635	244	481	0.090	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.111	88	78	0.123	ng	# 94
3) n-Nitrosodimethylamine	3.429	42	96	0.131	ng	# 78
6) bis(2-Chloroethyl)ether	7.011	93	48	0.044	ng	# 53
9) Naphthalene	10.404	128	369	0.099	ng	# 56
10) Hexachlorobutadiene	10.692	225	204	0.108	ng	# 99
12) 2-Methylnaphthalene	12.046	142	214	0.081	ng	# 89
16) Acenaphthylene	13.946	152	452	0.100	ng	97
17) Acenaphthene	14.288	154	297	0.099	ng	94
18) Fluorene	15.293	166	392	0.092	ng	94
20) 4,6-Dinitro-2-methylph...	15.410	198	19	0.029	ng	# 34
21) 4-Bromophenyl-phenylether	16.189	248	177	0.099	ng	# 88
22) Hexachlorobenzene	16.288	284	196	0.105	ng	95
23) Atrazine	16.475	200	133	0.095	ng	# 63
24) Pentachlorophenol	16.648	266	111	0.107	ng	96
25) Phenanthrene	17.021	178	592	0.098	ng	98
26) Anthracene	17.120	178	513	0.090	ng	97
28) Fluoranthene	19.049	202	852	0.101	ng	99
30) Pyrene	19.412	202	868	0.098	ng	99
32) Benzo(a)anthracene	21.162	228	618	0.083	ng	# 83
33) Chrysene	21.215	228	1070	0.112	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.099	149	403	0.132	ng	# 98
36) Indeno(1,2,3-cd)pyrene	25.564	276	894	0.081	ng	# 94
37) Benzo(b)fluoranthene	22.713	252	830	0.091	ng	# 60
38) Benzo(k)fluoranthene	22.754	252	935	0.093	ng	# 62
39) Benzo(a)pyrene	23.269	252	795	0.094	ng	# 53
40) Dibenzo(a,h)anthracene	25.590	278	651	0.074	ng	# 34
41) Benzo(g,h,i)perylene	26.222	276	961	0.095	ng	# 78

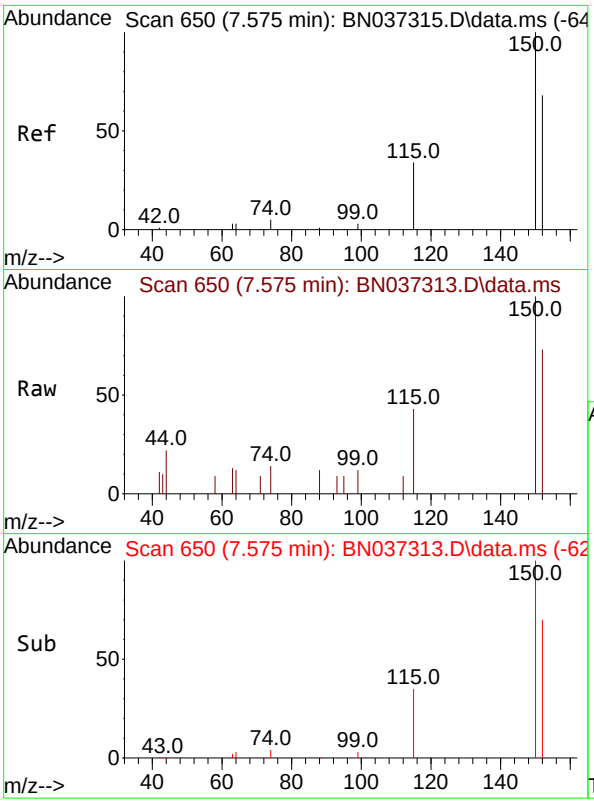
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061925\
Data File : BN037313.D
Acq On : 18 Jun 2025 14:06
Operator : RC/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jun 18 18:31:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 18 18:27:59 2025
Response via : Initial Calibration



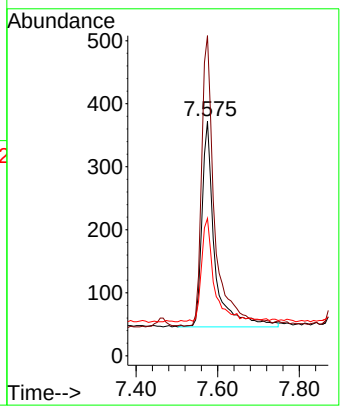


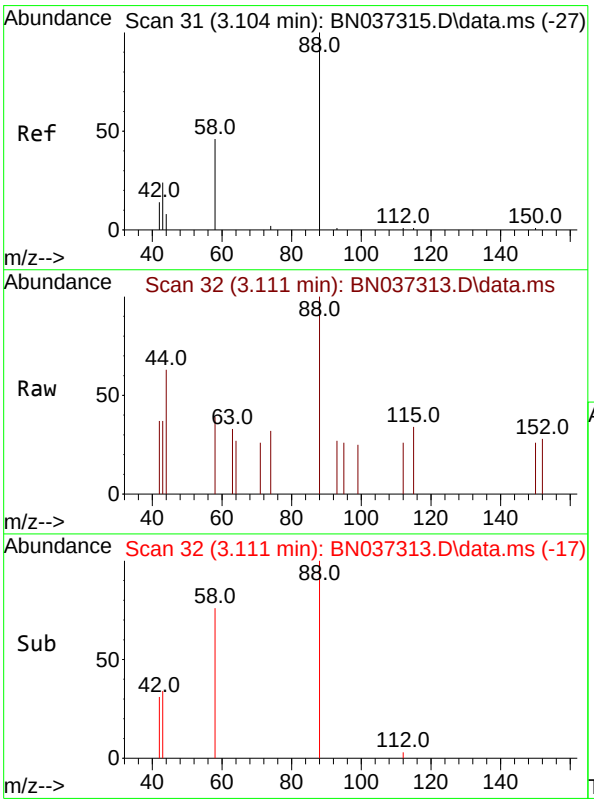
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.575 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN037313.D
Acq: 18 Jun 2025 14:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 709

Ion	Ratio	Lower	Upper
152	100		
150	136.6	112.7	169.1
115	58.6	45.9	68.9

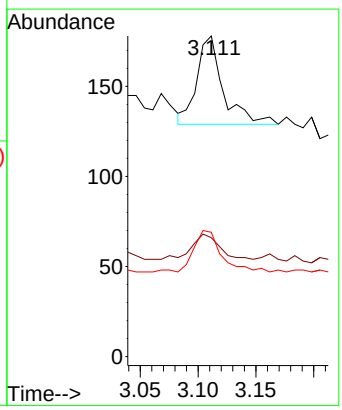


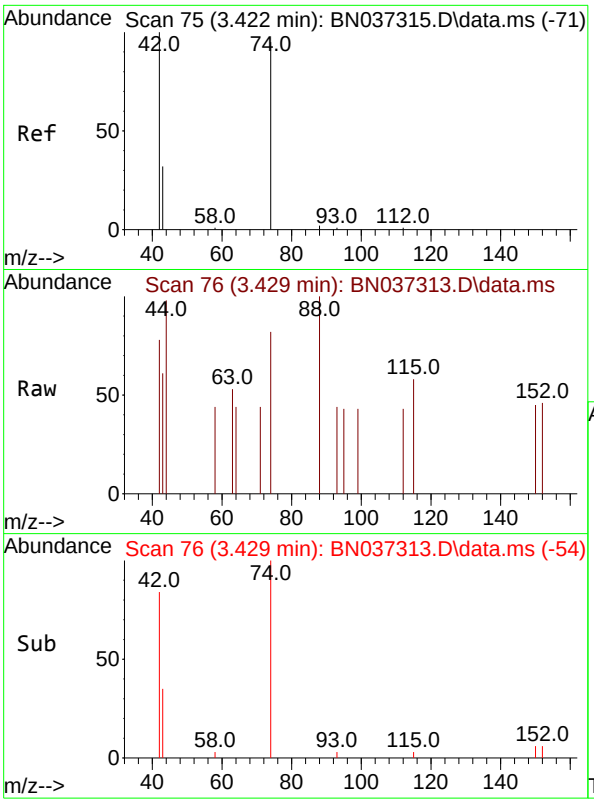


#2
1,4-Dioxane
Concen: 0.123 ng
RT: 3.111 min Scan# 32
Delta R.T. 0.007 min
Lab File: BN037313.D
Acq: 18 Jun 2025 14:06

Tgt Ion: 88 Resp: 78

Ion	Ratio	Lower	Upper
88	100		
43	32.1	21.0	31.6#
58	50.0	38.0	57.0



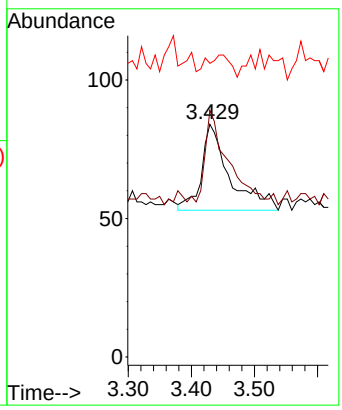


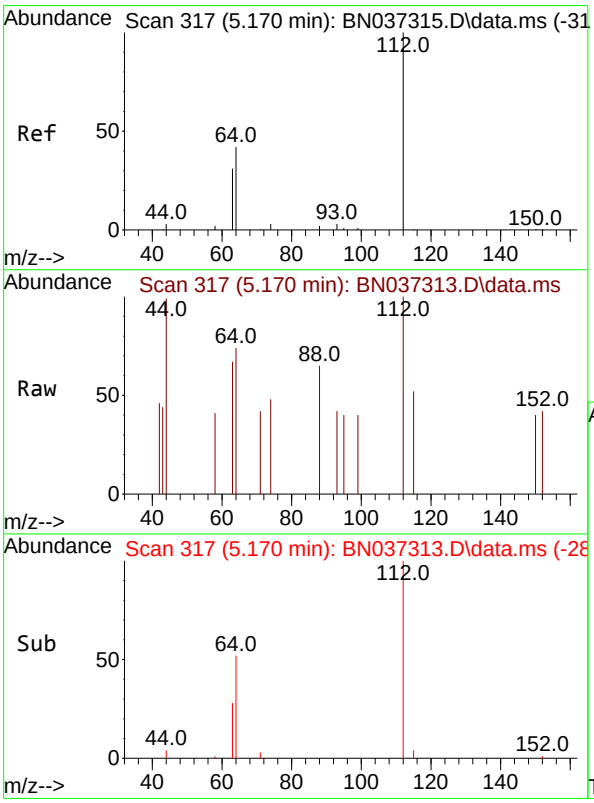
#3
n-Nitrosodimethylamine
Concen: 0.131 ng
RT: 3.429 min Scan# 7
Delta R.T. 0.007 min
Lab File: BN037313.D
Acq: 18 Jun 2025 14:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 96

Ion	Ratio	Lower	Upper
42	100		
74	83.3	84.3	126.5#
44	19.8	5.0	7.4#

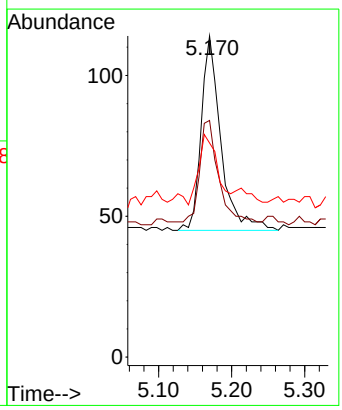


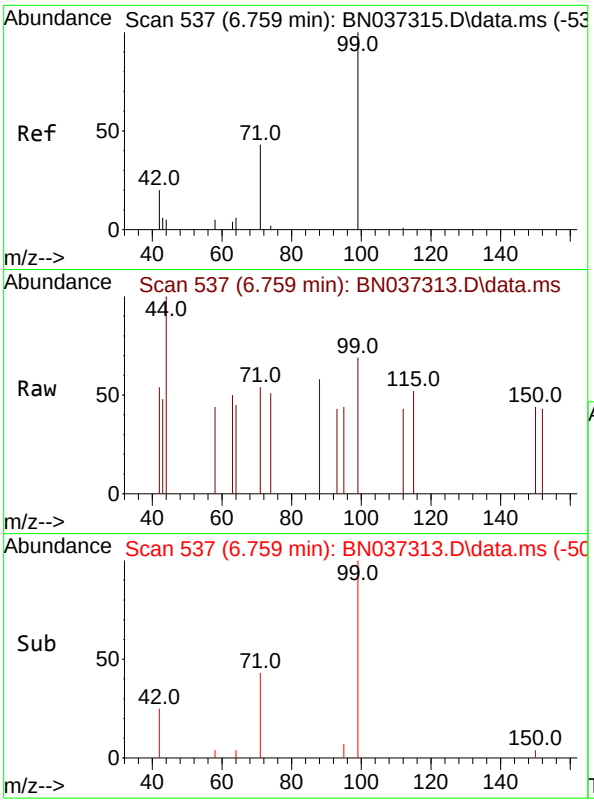


#4
2-Fluorophenol
Concen: 0.100 ng
RT: 5.170 min Scan# 317
Delta R.T. -0.000 min
Lab File: BN037313.D
Acq: 18 Jun 2025 14:06

Tgt Ion:112 Resp: 129

Ion	Ratio	Lower	Upper
112	100		
64	53.5	38.7	58.1
63	34.1	26.4	39.6



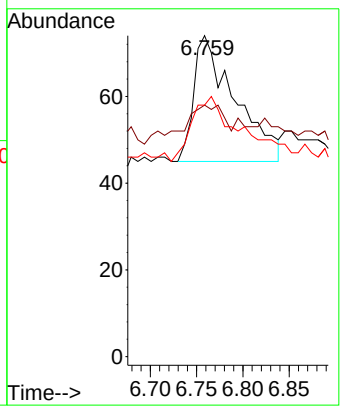


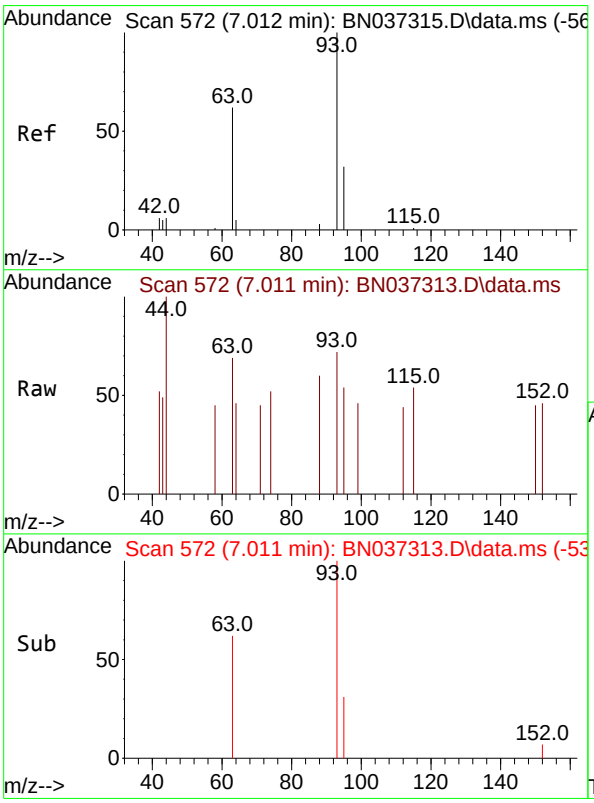
#5
Phenol-d6
Concen: 0.071 ng
RT: 6.759 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN037313.D
Acq: 18 Jun 2025 14:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 90

Ion	Ratio	Lower	Upper
99	100		
42	32.2	19.8	29.8#
71	63.3	42.6	64.0

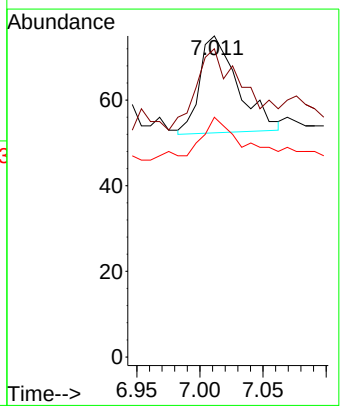


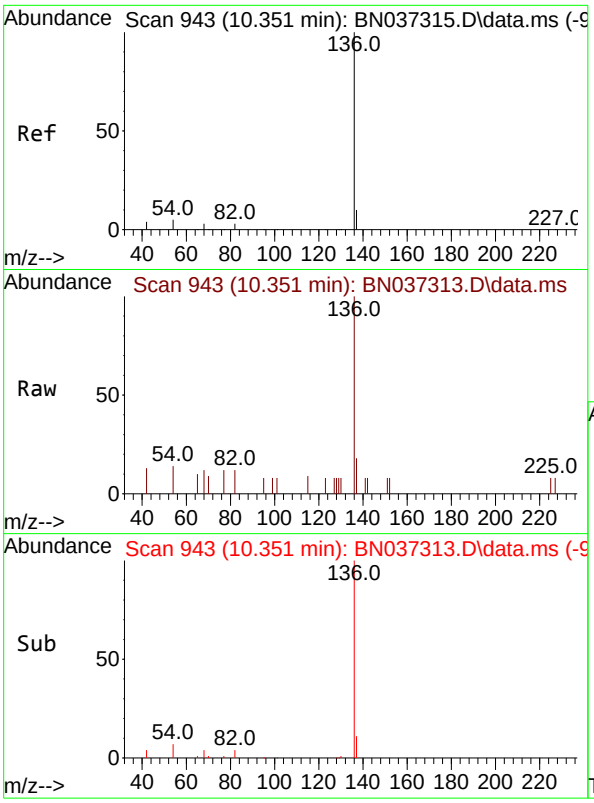


#6
bis(2-Chloroethyl)ether
Concen: 0.044 ng
RT: 7.011 min Scan# 572
Delta R.T. -0.000 min
Lab File: BN037313.D
Acq: 18 Jun 2025 14:06

Tgt Ion: 93 Resp: 48

Ion	Ratio	Lower	Upper
93	100		
63	106.3	53.2	79.8#
95	58.3	27.3	40.9#



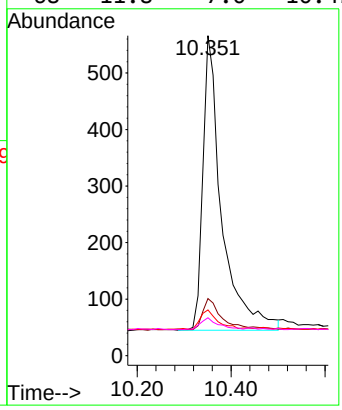


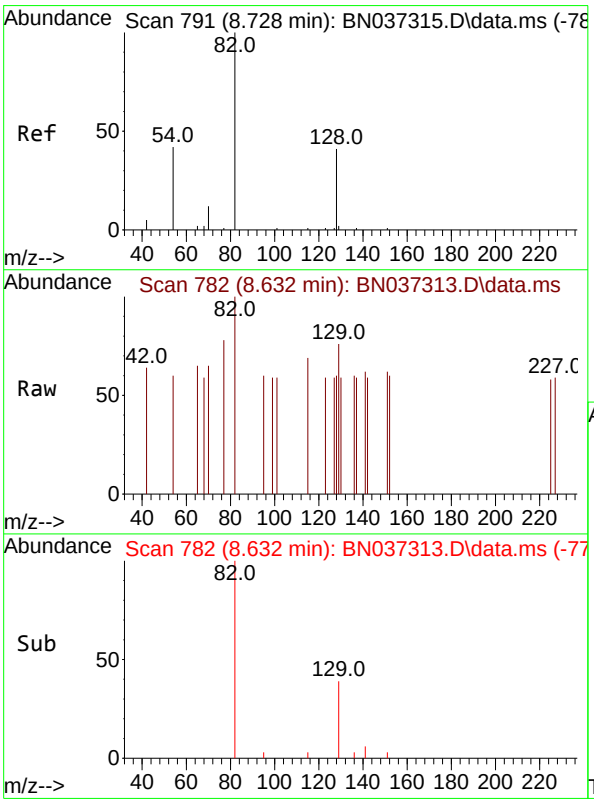
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.351 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN037313.D
Acq: 18 Jun 2025 14:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 1443

Ion	Ratio	Lower	Upper
136	100		
137	17.8	12.2	18.2
54	14.3	8.8	13.2#
68	11.8	7.0	10.4#

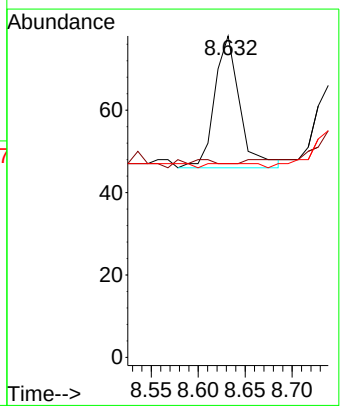


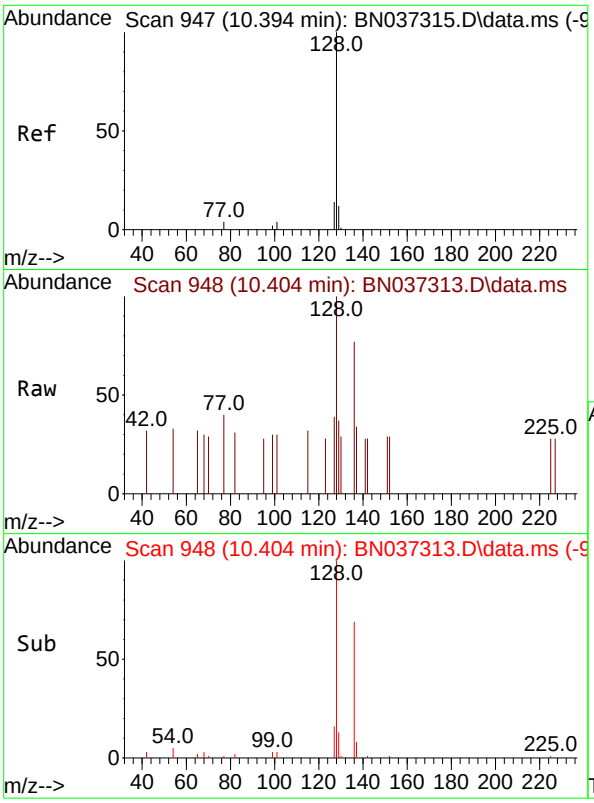


#8
Nitrobenzene-d5
Concen: 0.051 ng
RT: 8.632 min Scan# 782
Delta R.T. -0.096 min
Lab File: BN037313.D
Acq: 18 Jun 2025 14:06

Tgt Ion: 82 Resp: 60

Ion	Ratio	Lower	Upper
82	100		
128	60.3	42.5	63.7
54	60.3	43.2	64.8



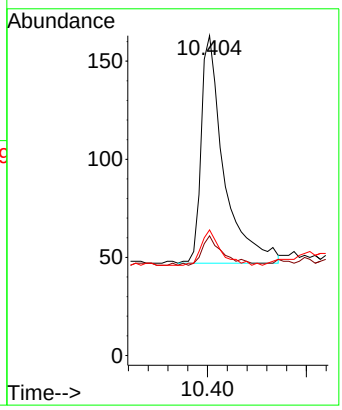


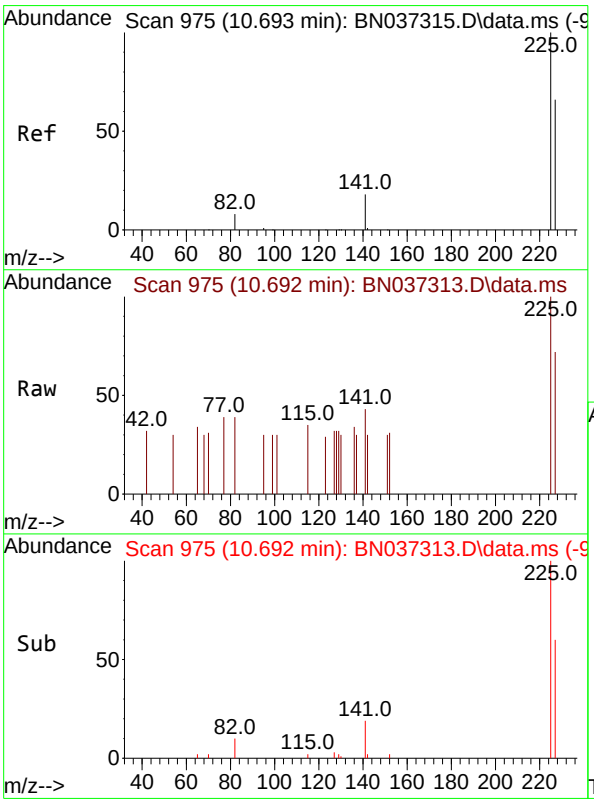
#9
Naphthalene
Concen: 0.099 ng
RT: 10.404 min Scan# 94
Delta R.T. 0.010 min
Lab File: BN037313.D
Acq: 18 Jun 2025 14:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 369

Ion	Ratio	Lower	Upper
128	100		
129	37.4	14.0	21.0#
127	39.3	15.8	23.8#

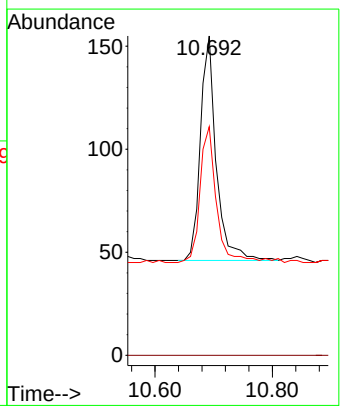


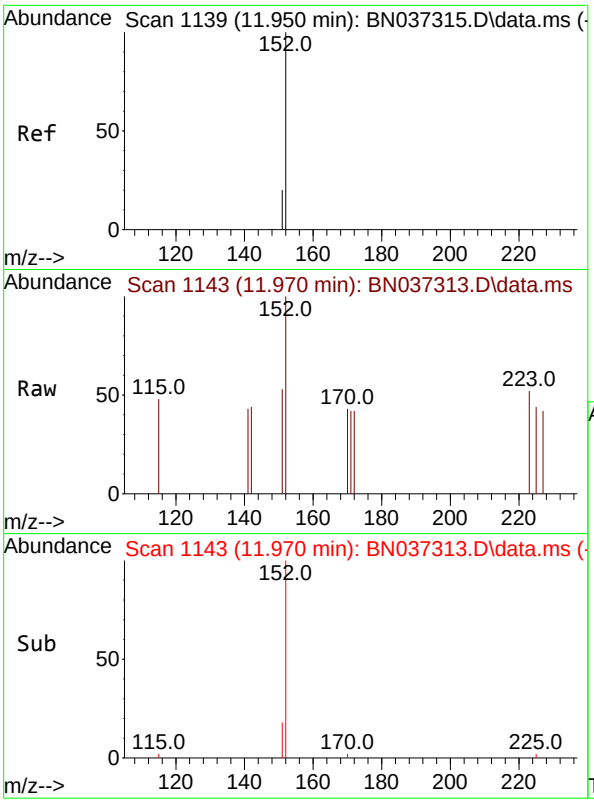


#10
Hexachlorobutadiene
Concen: 0.108 ng
RT: 10.692 min Scan# 975
Delta R.T. -0.000 min
Lab File: BN037313.D
Acq: 18 Jun 2025 14:06

Tgt Ion:225 Resp: 204

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.3	50.3	75.5



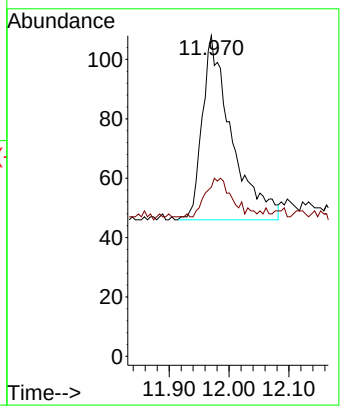


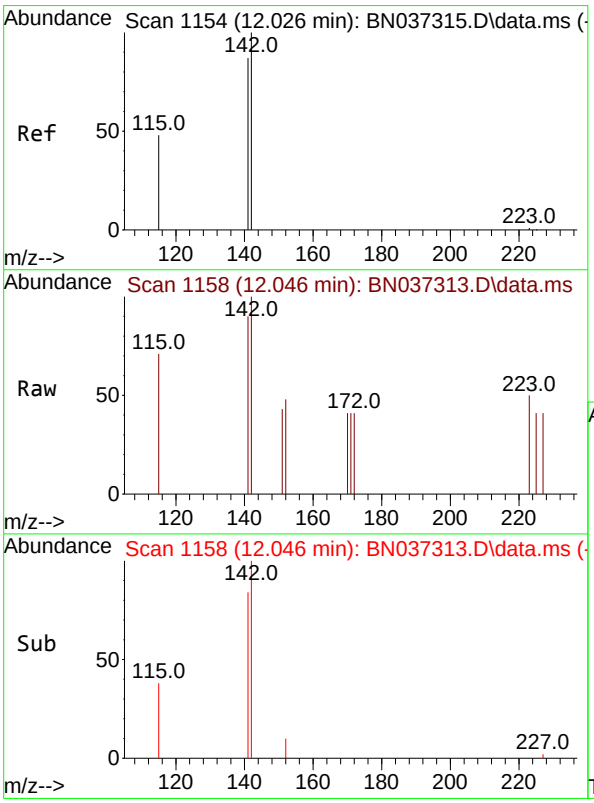
#11
2-Methylnaphthalene-d10
Concen: 0.090 ng
RT: 11.970 min Scan# 11
Delta R.T. 0.020 min
Lab File: BN037313.D
Acq: 18 Jun 2025 14:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 210

Ion	Ratio	Lower	Upper
152	100		
151	19.0	17.4	26.0

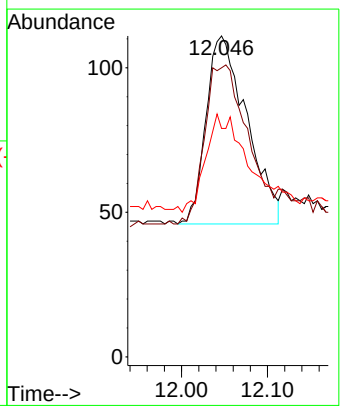


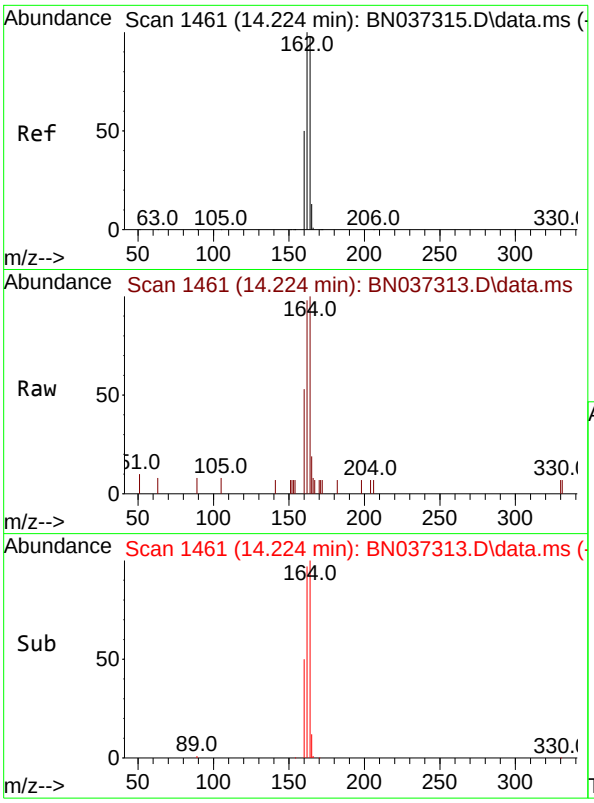


#12
2-Methylnaphthalene
Concen: 0.081 ng
RT: 12.046 min Scan# 1158
Delta R.T. 0.020 min
Lab File: BN037313.D
Acq: 18 Jun 2025 14:06

Tgt Ion:142 Resp: 214

Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.2	105.2
115	71.2	43.0	64.4#



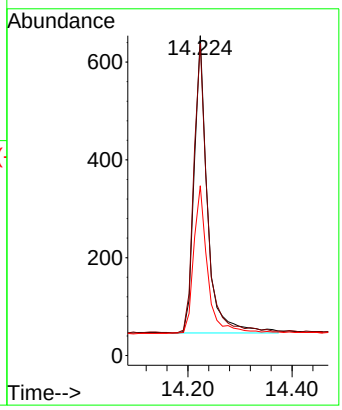


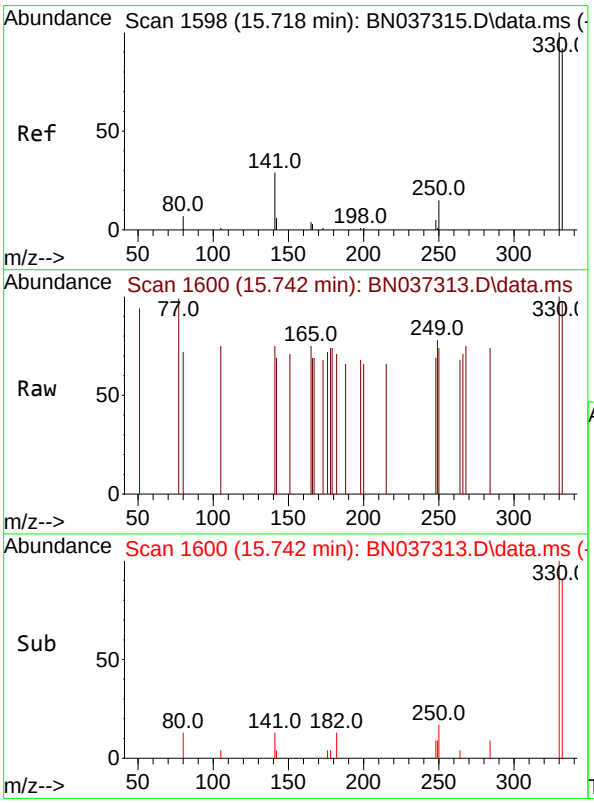
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.224 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN037313.D
Acq: 18 Jun 2025 14:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 1078

Ion	Ratio	Lower	Upper
164	100		
162	97.6	81.5	122.3
160	53.1	43.0	64.4

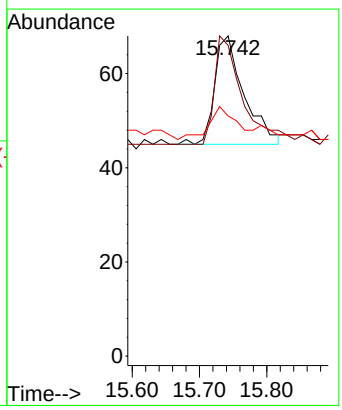


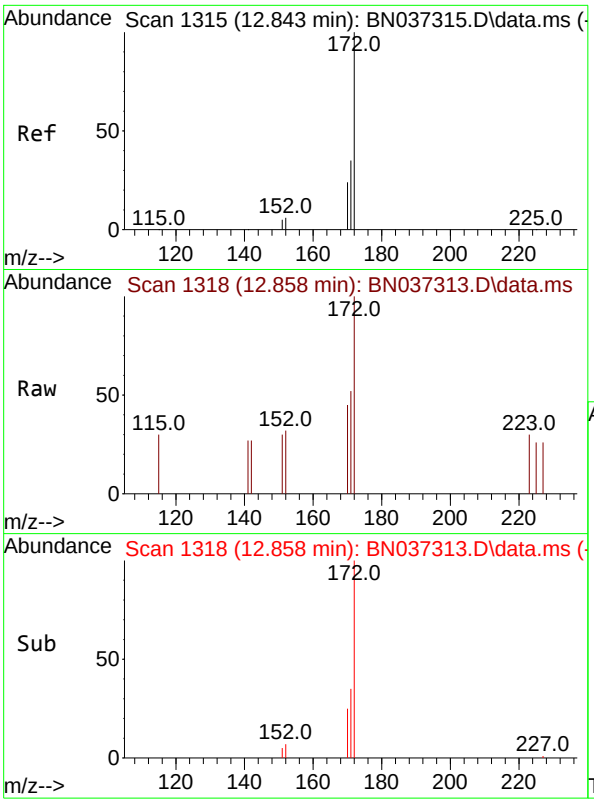


#14
2,4,6-Tribromophenol
Concen: 0.090 ng
RT: 15.742 min Scan# 1600
Delta R.T. 0.025 min
Lab File: BN037313.D
Acq: 18 Jun 2025 14:06

Tgt Ion:330 Resp: 70

Ion	Ratio	Lower	Upper
330	100		
332	98.6	78.4	117.6
141	28.6	24.4	36.6



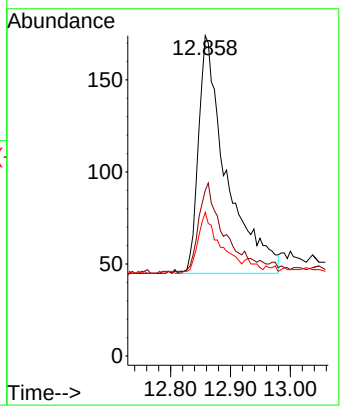


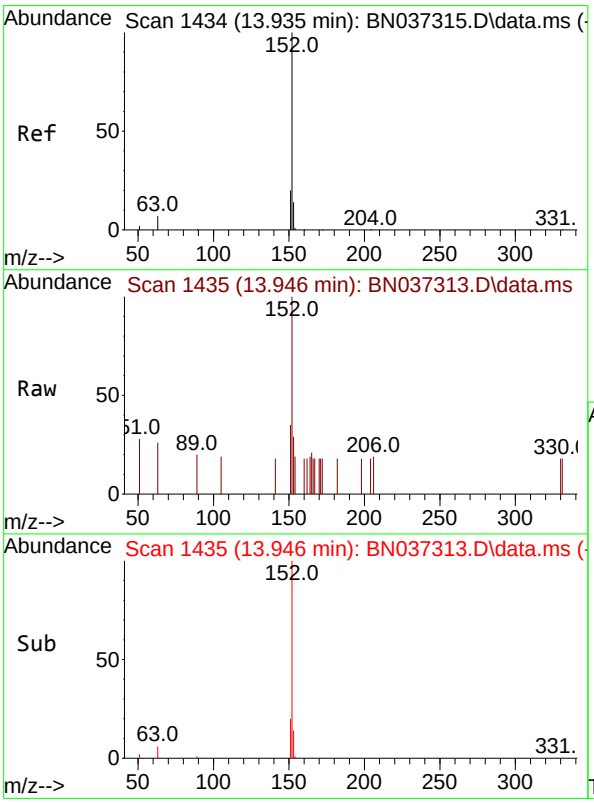
#15
2-Fluorobiphenyl
Concen: 0.088 ng
RT: 12.858 min Scan# 1
Delta R.T. 0.015 min
Lab File: BN037313.D
Acq: 18 Jun 2025 14:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 417

Ion	Ratio	Lower	Upper
172	100		
171	51.7	30.8	46.2#
170	44.8	21.9	32.9#

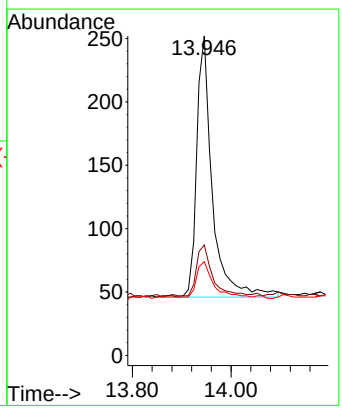


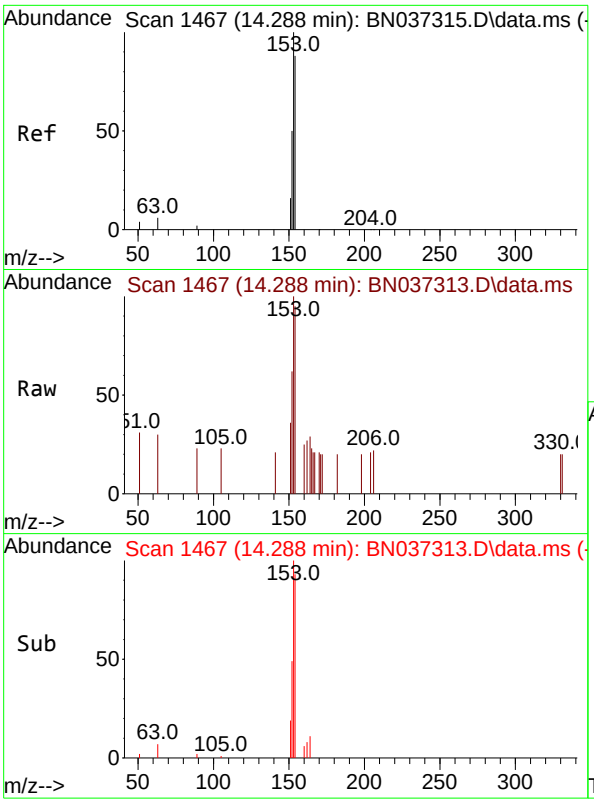


#16
Acenaphthylene
Concen: 0.100 ng
RT: 13.946 min Scan# 1435
Delta R.T. 0.010 min
Lab File: BN037313.D
Acq: 18 Jun 2025 14:06

Tgt Ion:152 Resp: 452

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.6	24.8
153	13.7	10.2	15.2



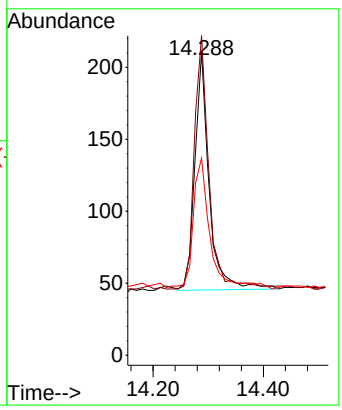


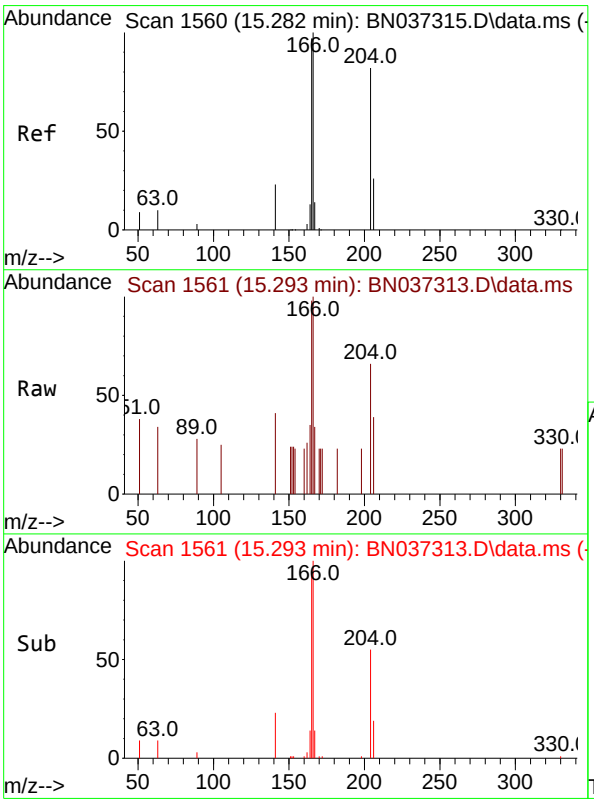
#17
Acenaphthene
Concen: 0.099 ng
RT: 14.288 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN037313.D
Acq: 18 Jun 2025 14:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 297

Ion	Ratio	Lower	Upper
154	100		
153	108.4	93.1	139.7
152	64.3	48.6	73.0

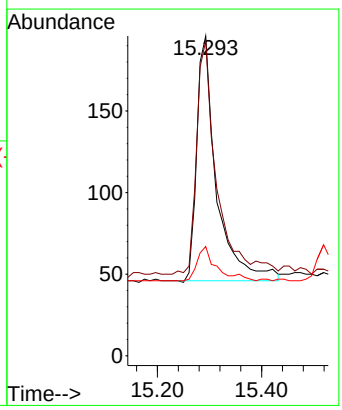


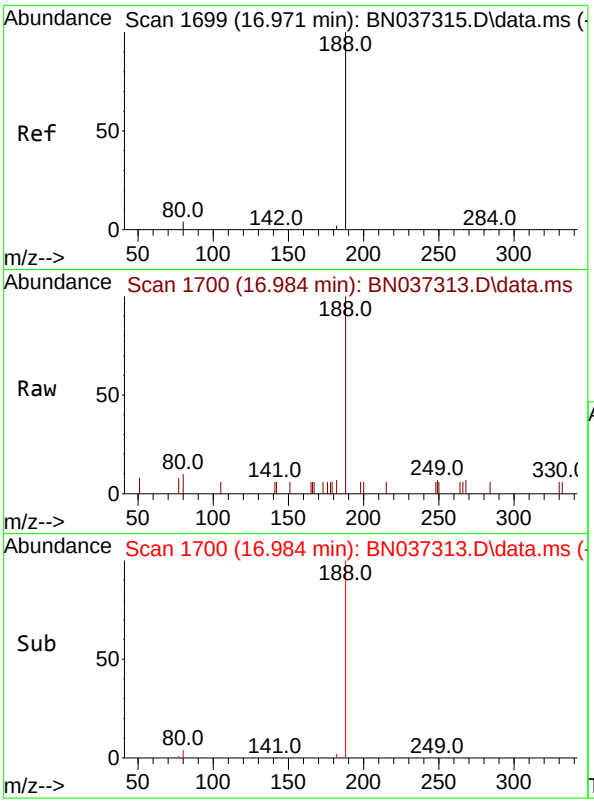


#18
Fluorene
Concen: 0.092 ng
RT: 15.293 min Scan# 1561
Delta R.T. 0.010 min
Lab File: BN037313.D
Acq: 18 Jun 2025 14:06

Tgt Ion:166 Resp: 392

Ion	Ratio	Lower	Upper
166	100		
165	92.6	79.5	119.3
167	13.5	10.7	16.1



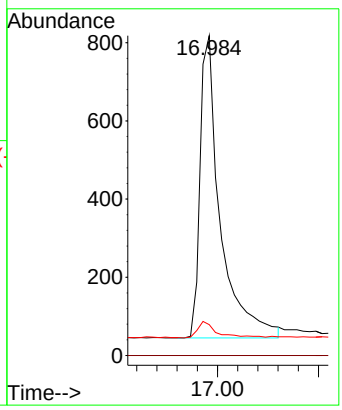


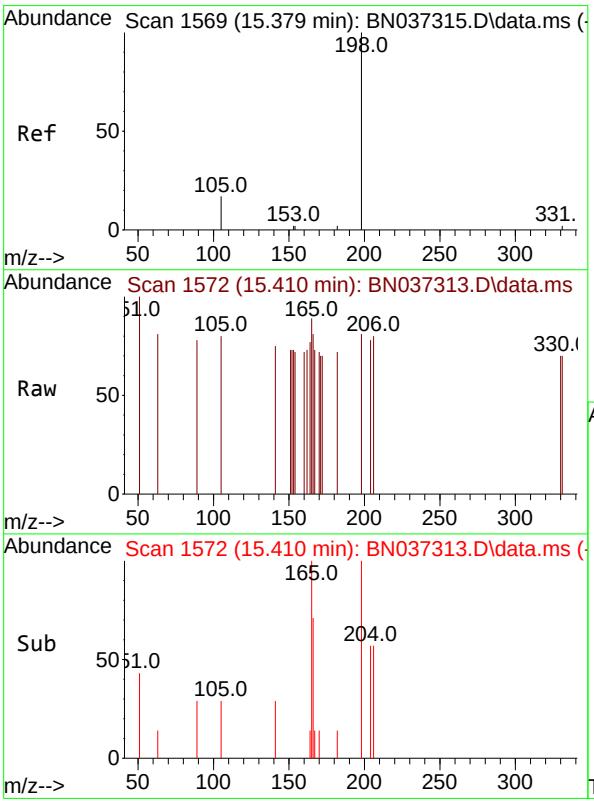
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.984 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN037313.D
Acq: 18 Jun 2025 14:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 2152

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.7	6.2	9.2#

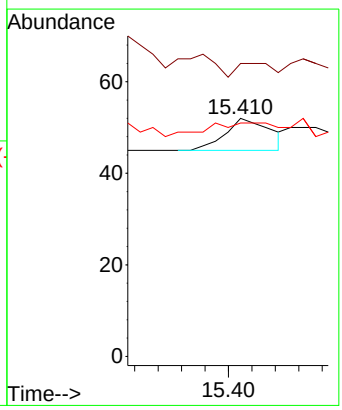


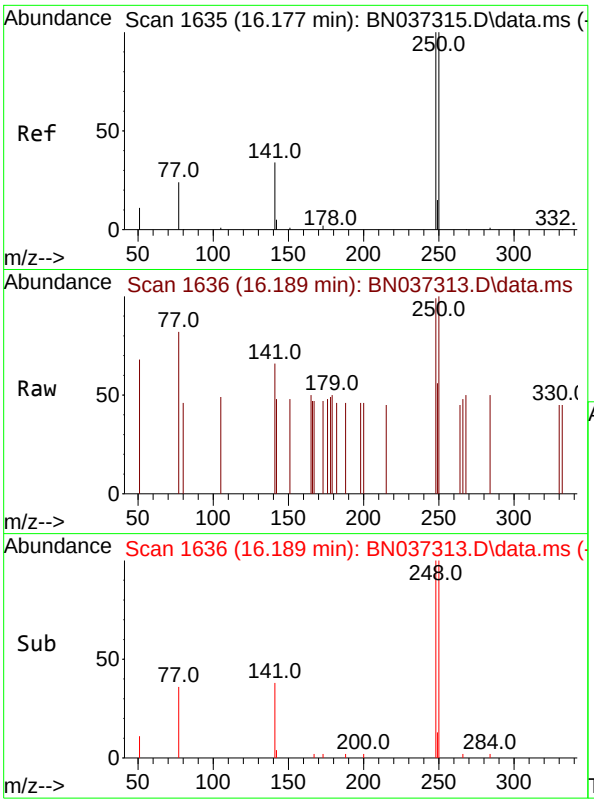


#20
4,6-Dinitro-2-methylphenol
Concen: 0.029 ng
RT: 15.410 min Scan# 1572
Delta R.T. 0.032 min
Lab File: BN037313.D
Acq: 18 Jun 2025 14:06

Tgt Ion:198 Resp: 19

Ion	Ratio	Lower	Upper
198	100		
51	123.1	51.4	77.0#
105	98.1	45.5	68.3#



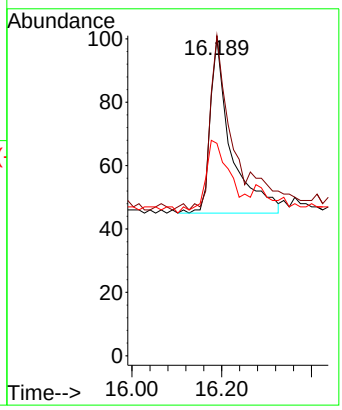


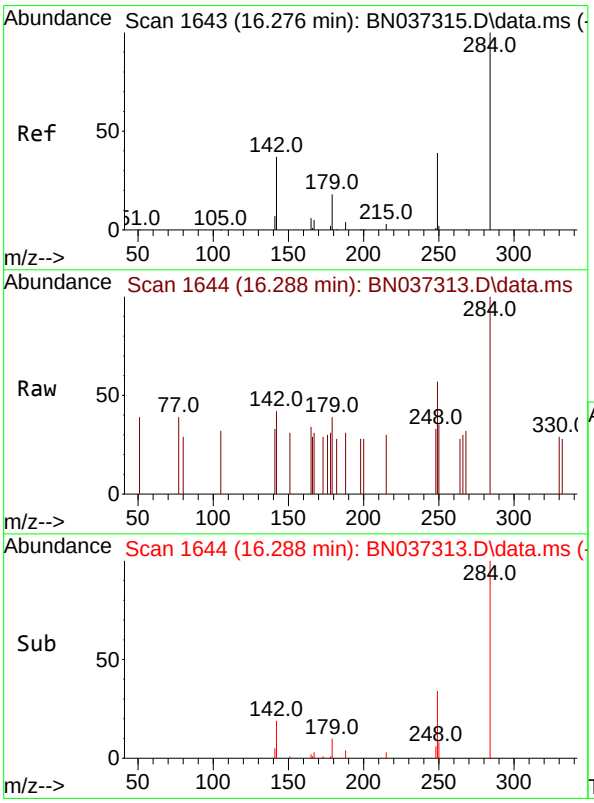
#21
4-Bromophenyl-phenylether
Concen: 0.099 ng
RT: 16.189 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN037313.D
Acq: 18 Jun 2025 14:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 177

Ion	Ratio	Lower	Upper
248	100		
250	101.0	80.4	120.6
141	67.0	33.3	49.9#

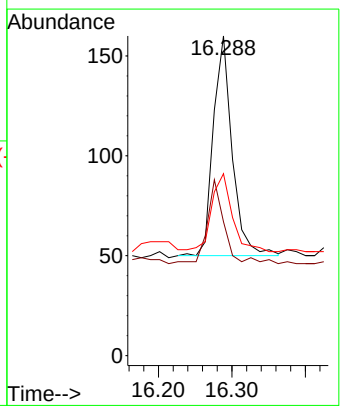


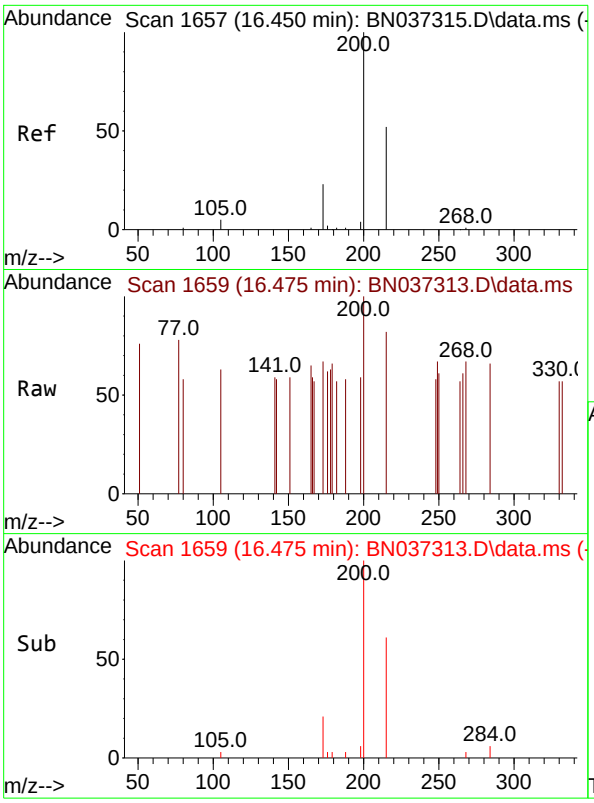


#22
Hexachlorobenzene
Concen: 0.105 ng
RT: 16.288 min Scan# 1644
Delta R.T. 0.012 min
Lab File: BN037313.D
Acq: 18 Jun 2025 14:06

Tgt Ion:284 Resp: 196

Ion	Ratio	Lower	Upper
284	100		
142	34.2	27.0	40.6
249	40.8	28.8	43.2



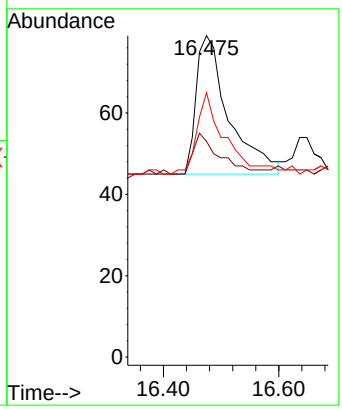


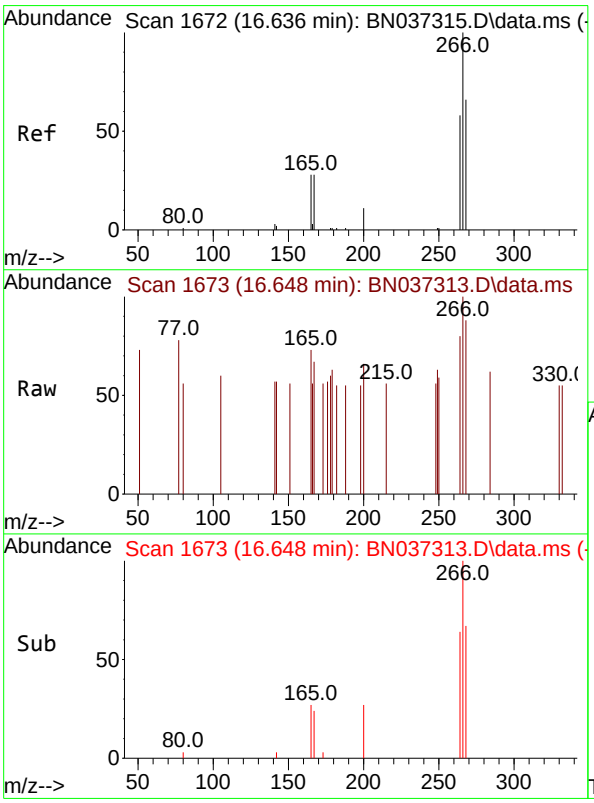
#23
Atrazine
Concen: 0.095 ng
RT: 16.475 min Scan# 1(
Delta R.T. 0.025 min
Lab File: BN037313.D
Acq: 18 Jun 2025 14:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 133

Ion	Ratio	Lower	Upper
200	100		
173	67.1	29.2	43.8#
215	82.3	48.8	73.2#

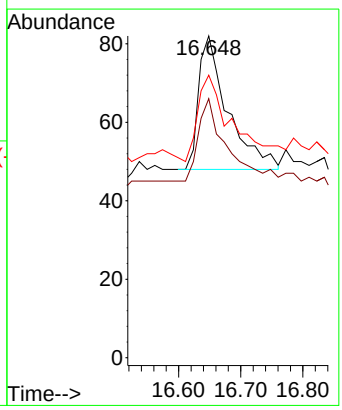


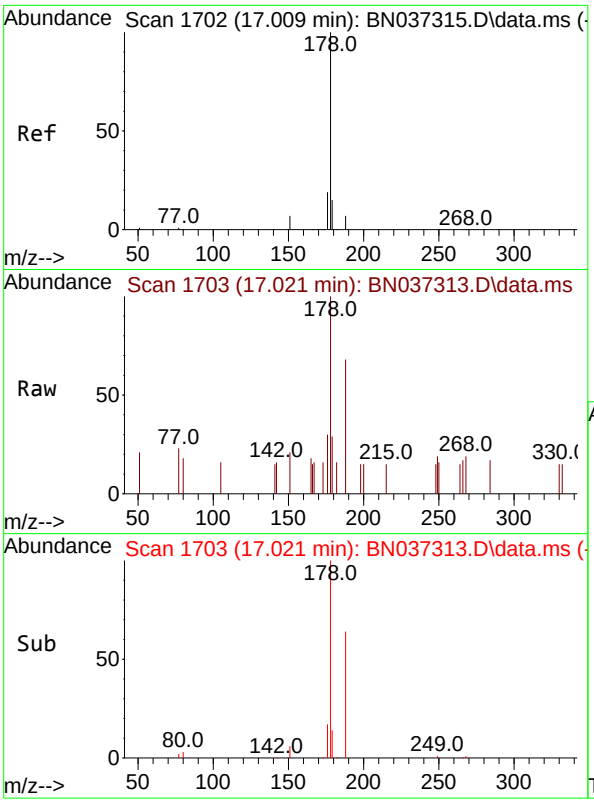


#24
Pentachlorophenol
Concen: 0.107 ng
RT: 16.648 min Scan# 1673
Delta R.T. 0.012 min
Lab File: BN037313.D
Acq: 18 Jun 2025 14:06

Tgt Ion:266 Resp: 111

Ion	Ratio	Lower	Upper
266	100		
264	62.2	50.3	75.5
268	73.9	55.3	82.9



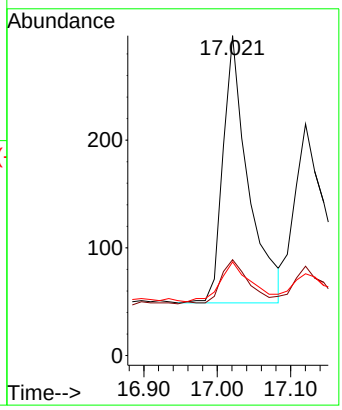


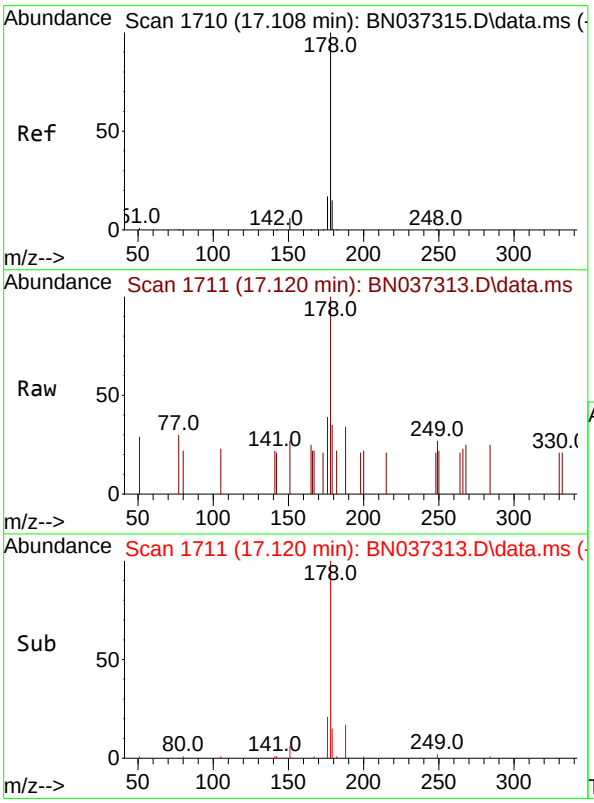
#25
Phenanthrene
Concen: 0.098 ng
RT: 17.021 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN037313.D
Acq: 18 Jun 2025 14:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 592

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.2	22.8
179	17.6	12.9	19.3

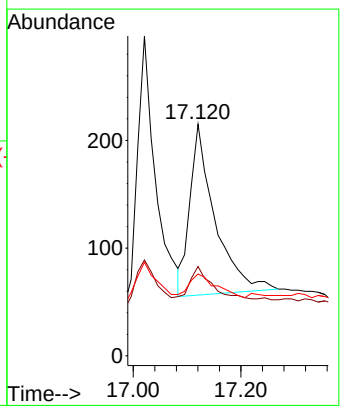


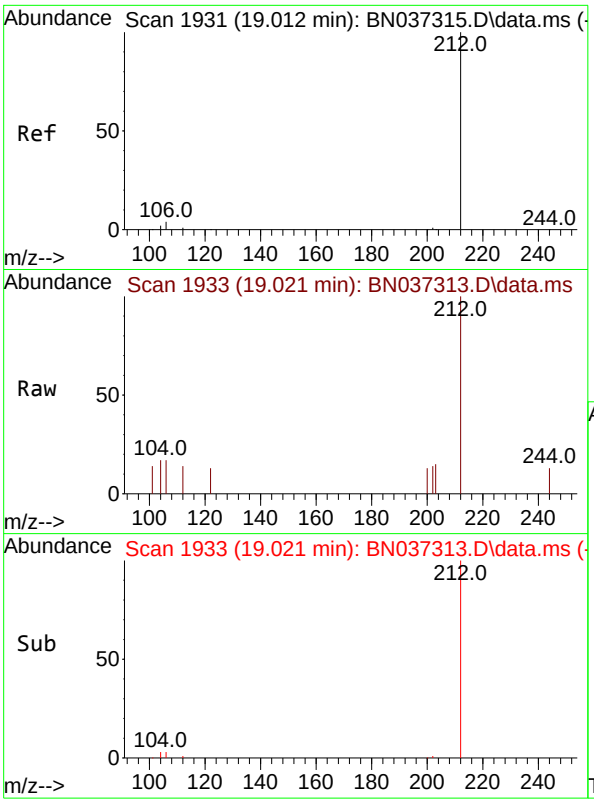


#26
Anthracene
Concen: 0.090 ng
RT: 17.120 min Scan# 1711
Delta R.T. 0.012 min
Lab File: BN037313.D
Acq: 18 Jun 2025 14:06

Tgt Ion:178 Resp: 513

Ion	Ratio	Lower	Upper
178	100		
176	19.9	14.7	22.1
179	15.2	13.0	19.6



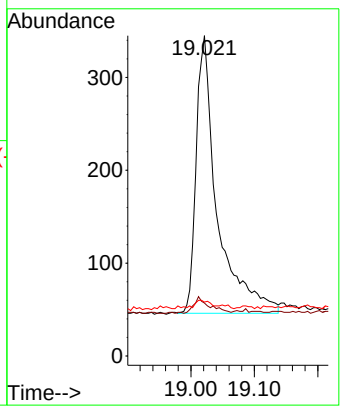


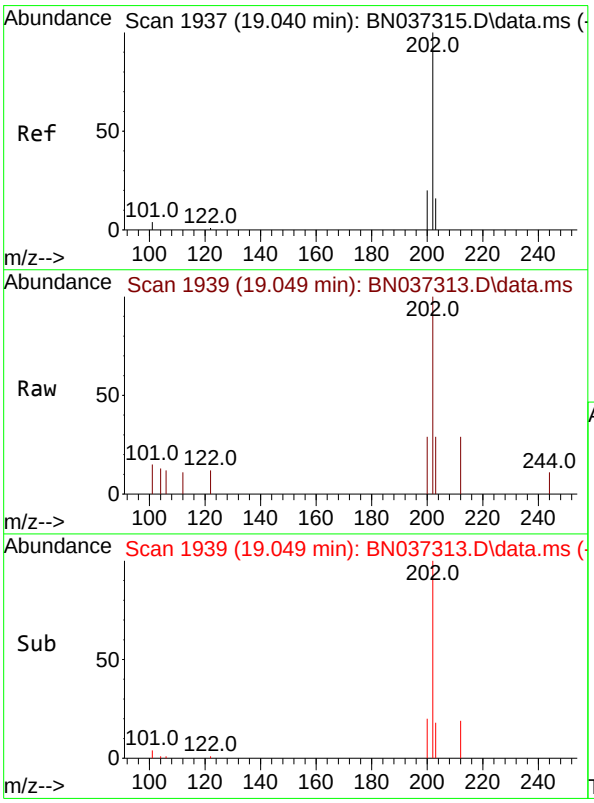
#27
Fluoranthene-d10
Concen: 0.101 ng
RT: 19.021 min Scan# 1
Delta R.T. 0.009 min
Lab File: BN037313.D
Acq: 18 Jun 2025 14:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 688

Ion	Ratio	Lower	Upper
212	100		
106	4.5	3.0	4.4#
104	1.9	2.0	3.0#

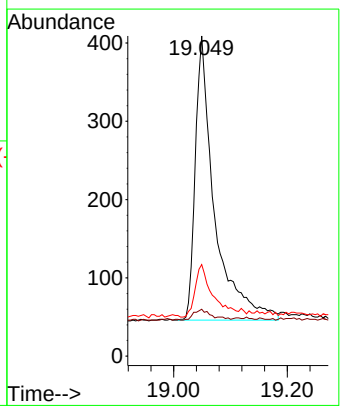


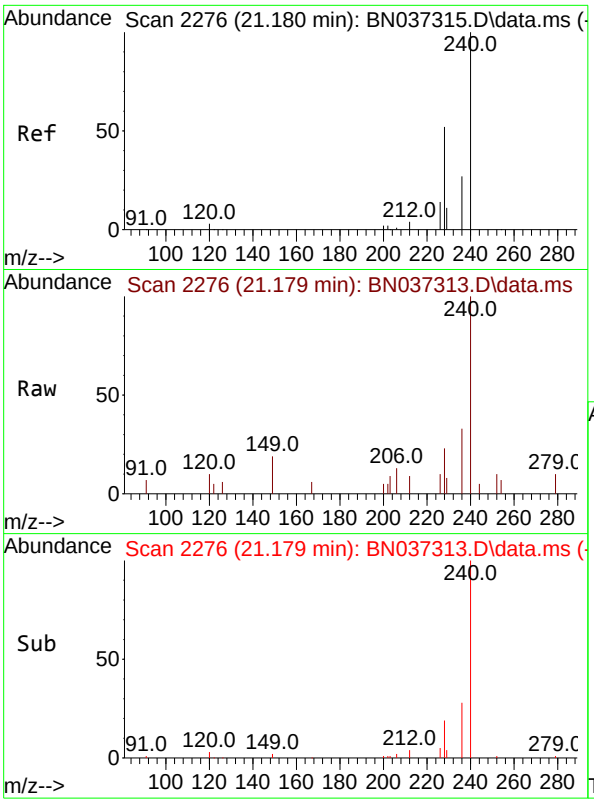


#28
Fluoranthene
Concen: 0.101 ng
RT: 19.049 min Scan# 1939
Delta R.T. 0.009 min
Lab File: BN037313.D
Acq: 18 Jun 2025 14:06

Tgt Ion:202 Resp: 852

Ion	Ratio	Lower	Upper
202	100		
101	3.5	3.0	4.6
203	16.9	13.7	20.5



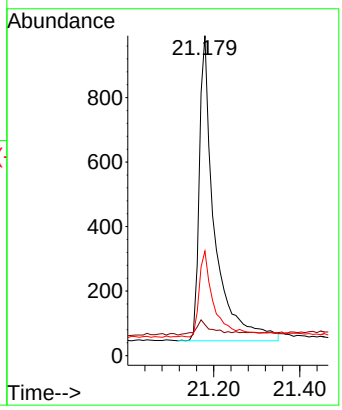


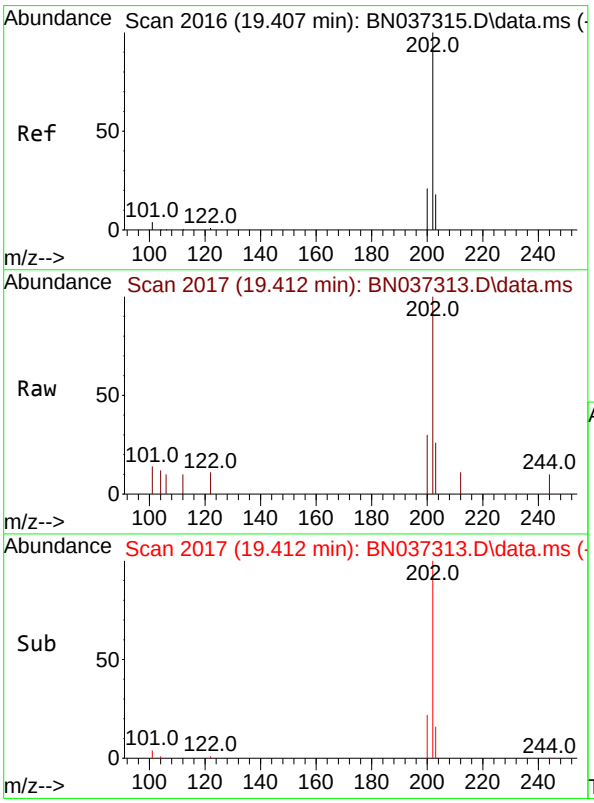
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.179 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037313.D
Acq: 18 Jun 2025 14:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 2320

Ion	Ratio	Lower	Upper
240	100		
120	9.7	7.5	11.3
236	32.7	24.9	37.3

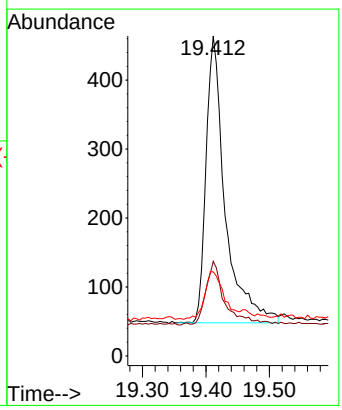


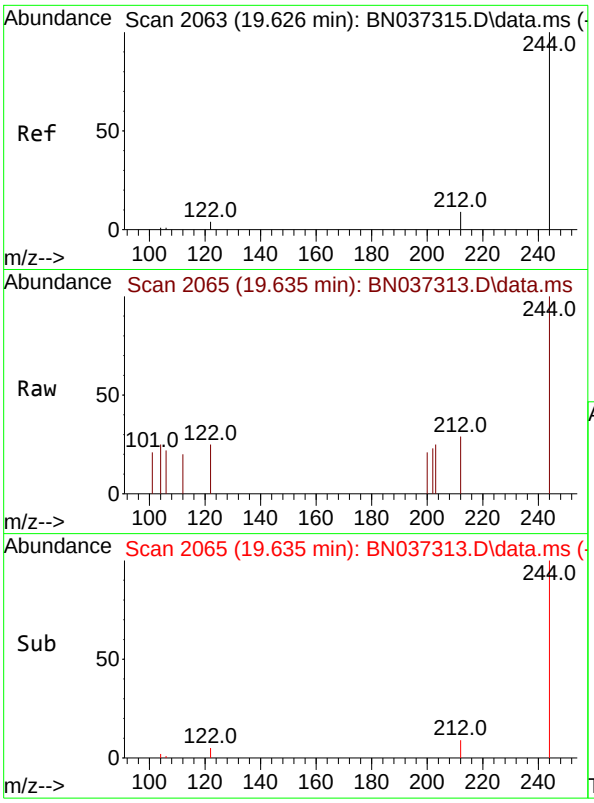


#30
Pyrene
Concen: 0.098 ng
RT: 19.412 min Scan# 2017
Delta R.T. 0.004 min
Lab File: BN037313.D
Acq: 18 Jun 2025 14:06

Tgt Ion:202 Resp: 868

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.8	25.2
203	16.8	14.5	21.7



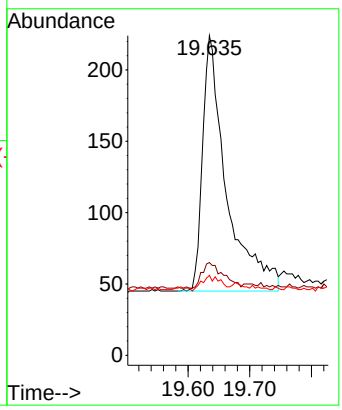


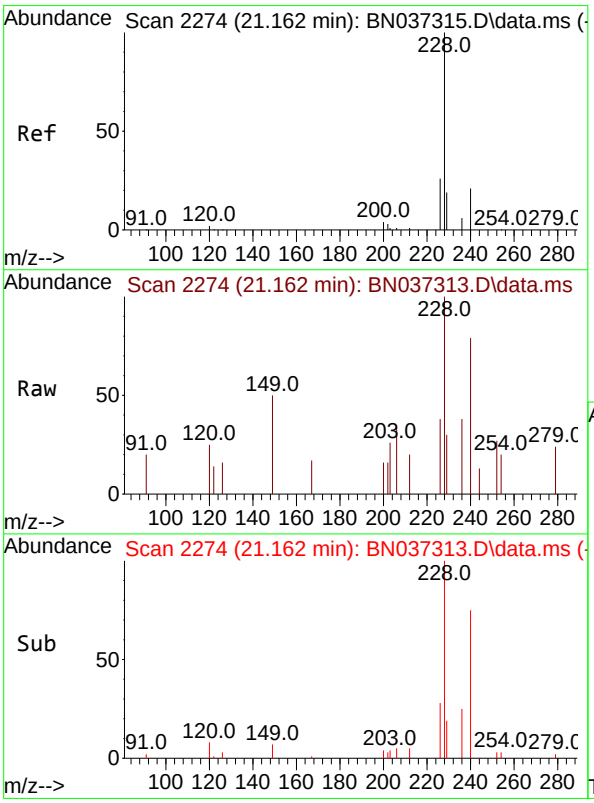
#31
Terphenyl-d14
Concen: 0.090 ng
RT: 19.635 min Scan# 2
Delta R.T. 0.009 min
Lab File: BN037313.D
Acq: 18 Jun 2025 14:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 481

Ion	Ratio	Lower	Upper
244	100		
212	29.0	11.1	16.7#
122	25.0	7.2	10.8#

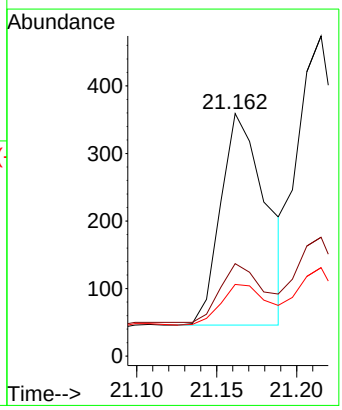


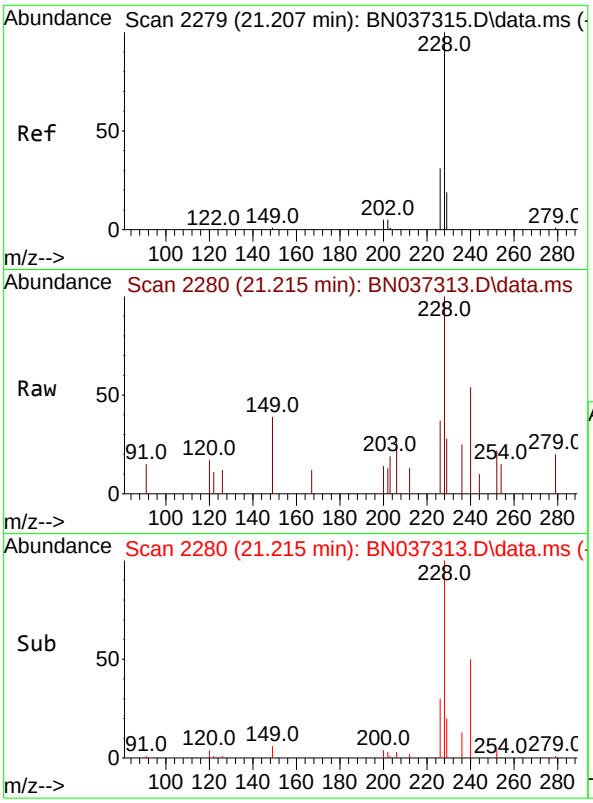


#32
Benzo(a)anthracene
Concen: 0.083 ng
RT: 21.162 min Scan# 2274
Delta R.T. -0.000 min
Lab File: BN037313.D
Acq: 18 Jun 2025 14:06

Tgt Ion:228 Resp: 618

Ion	Ratio	Lower	Upper
228	100		
226	38.2	23.0	34.4#
229	29.5	17.4	26.0#



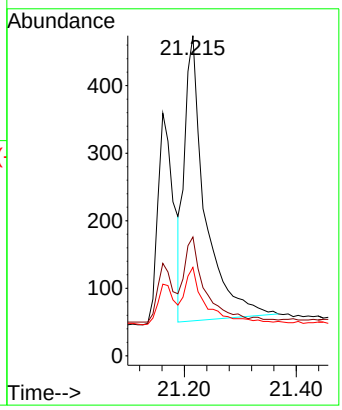


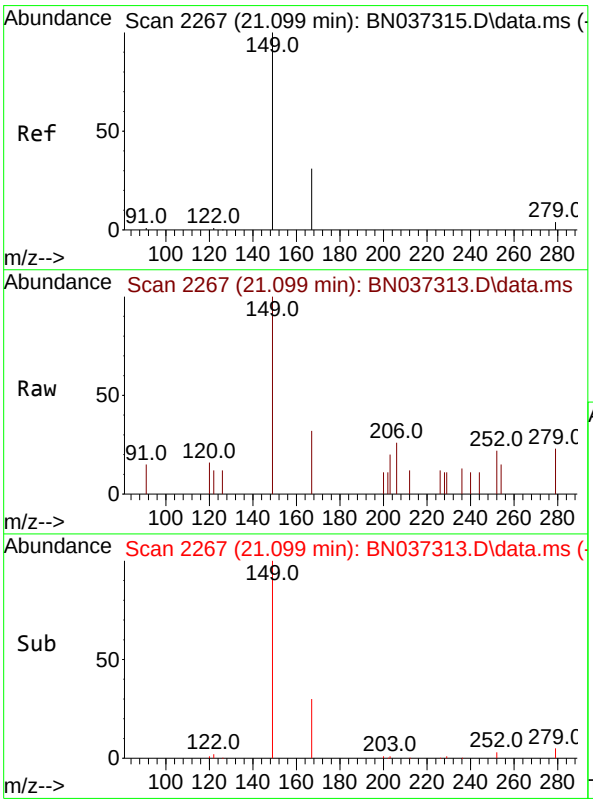
#33
Chrysene
Concen: 0.112 ng
RT: 21.215 min Scan# 2
Delta R.T. 0.009 min
Lab File: BN037313.D
Acq: 18 Jun 2025 14:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 1070

Ion	Ratio	Lower	Upper
228	100		
226	37.1	25.4	38.2
229	27.6	17.3	25.9#

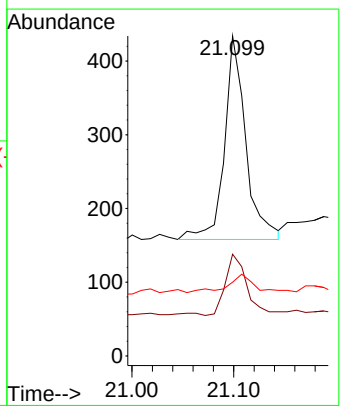


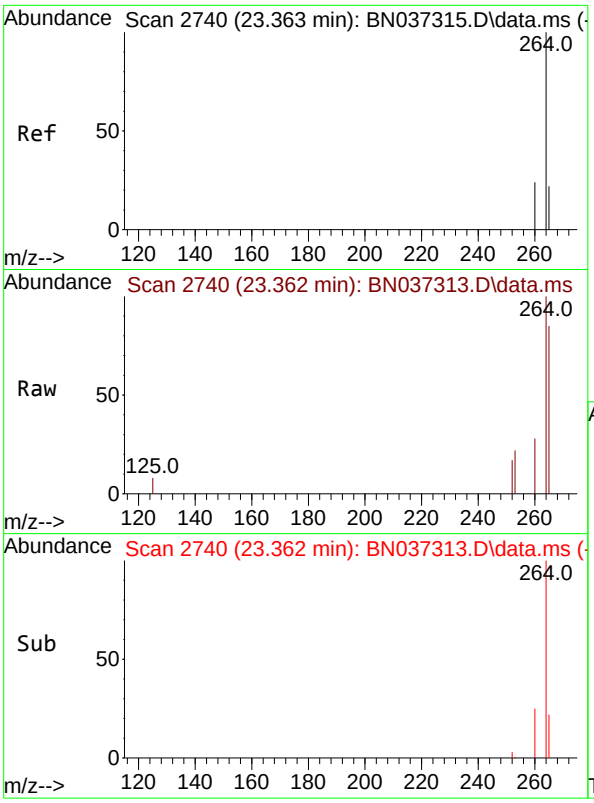


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.132 ng
RT: 21.099 min Scan# 2267
Delta R.T. -0.000 min
Lab File: BN037313.D
Acq: 18 Jun 2025 14:06

Tgt Ion:149 Resp: 403

Ion	Ratio	Lower	Upper
149	100		
167	30.3	24.6	37.0
279	10.7	6.5	9.7#



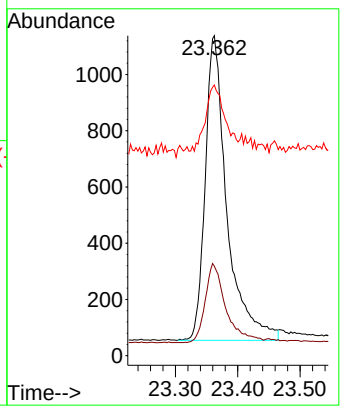


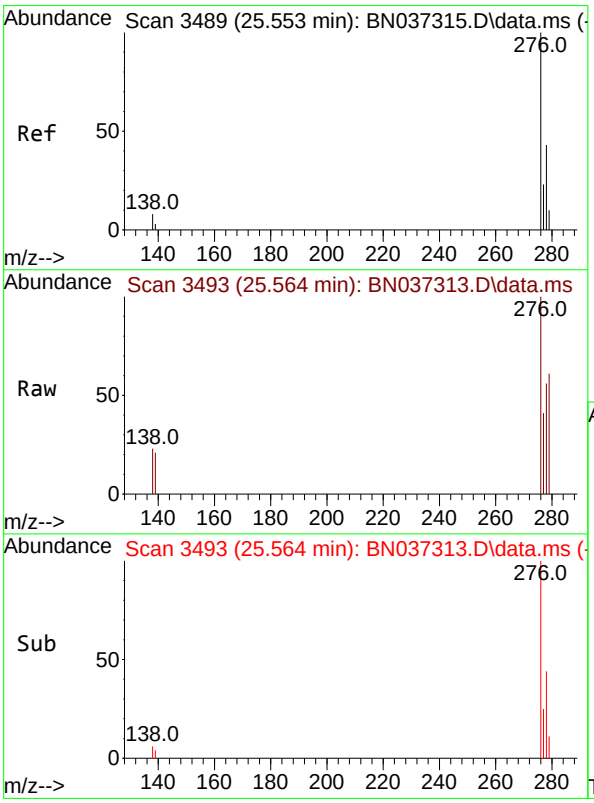
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.362 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037313.D
Acq: 18 Jun 2025 14:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 2618

Ion	Ratio	Lower	Upper
264	100		
260	27.9	21.4	32.2
265	84.6	71.4	107.0

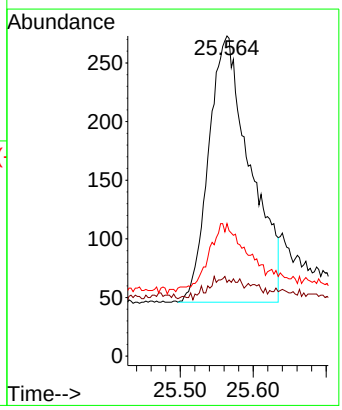


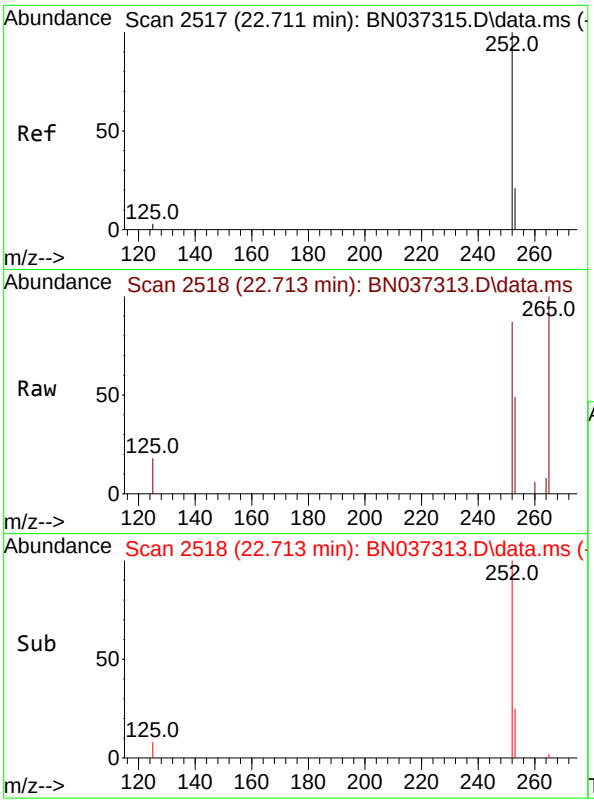


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.081 ng
RT: 25.564 min Scan# 3493
Delta R.T. 0.011 min
Lab File: BN037313.D
Acq: 18 Jun 2025 14:06

Tgt Ion:276 Resp: 894

Ion	Ratio	Lower	Upper
276	100		
138	0.8	2.2	3.2#
277	24.2	17.1	25.7



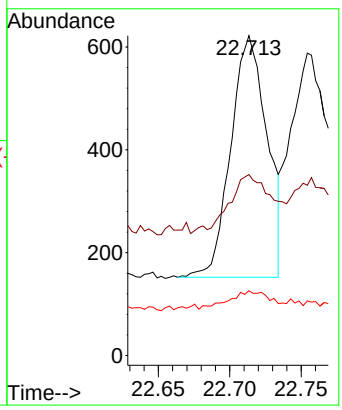


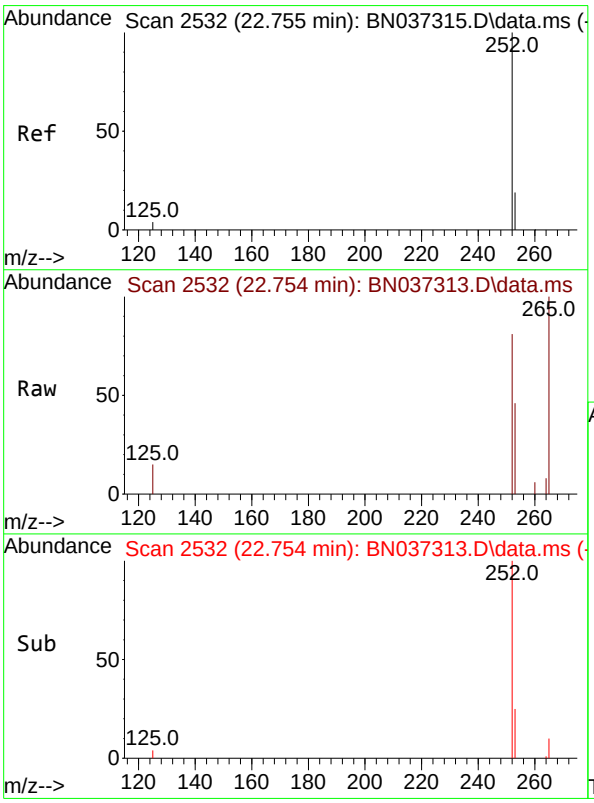
#37
Benzo(b)fluoranthene
Concen: 0.091 ng
RT: 22.713 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN037313.D
Acq: 18 Jun 2025 14:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 830

Ion	Ratio	Lower	Upper
252	100		
253	56.6	26.6	40.0#
125	20.3	6.1	9.1#

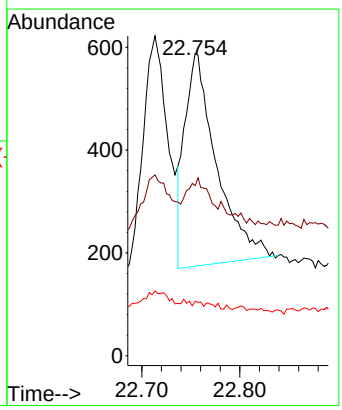


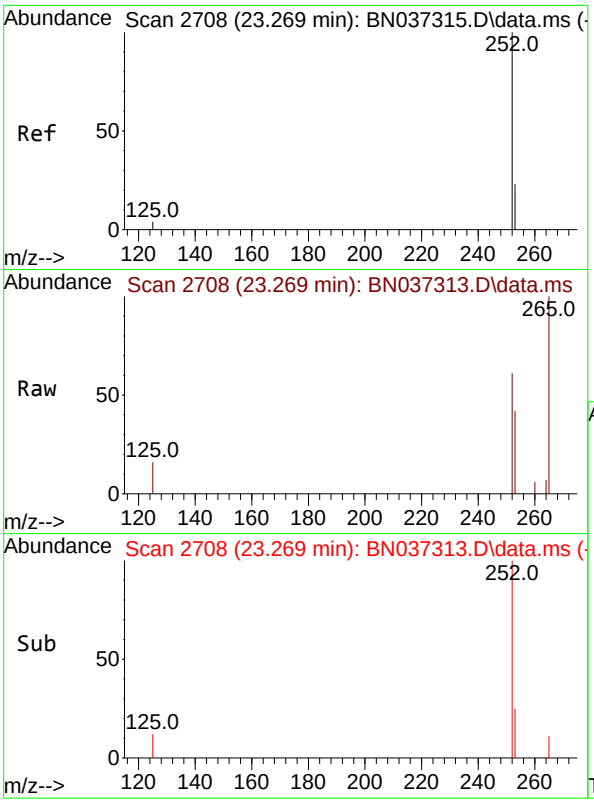


#38
Benzo(k)fluoranthene
Concen: 0.093 ng
RT: 22.754 min Scan# 2532
Delta R.T. -0.000 min
Lab File: BN037313.D
Acq: 18 Jun 2025 14:06

Tgt Ion:252 Resp: 935

Ion	Ratio	Lower	Upper
252	100		
253	56.3	26.7	40.1#
125	18.0	6.5	9.7#



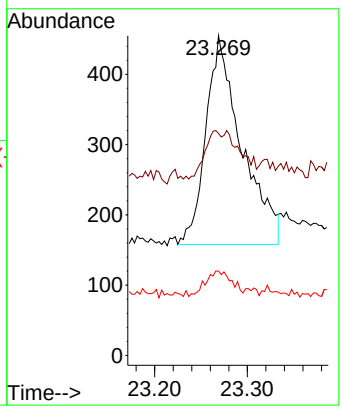


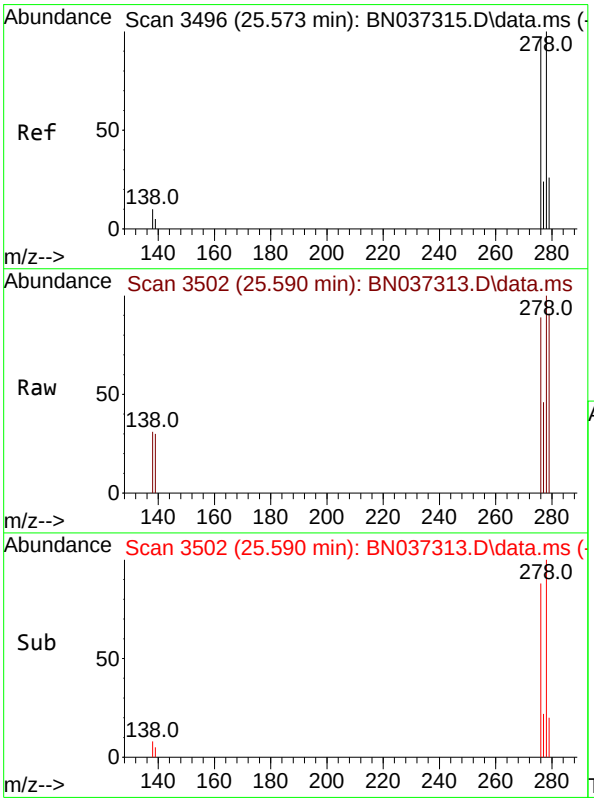
#39
Benzo(a)pyrene
Concen: 0.094 ng
RT: 23.269 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037313.D
Acq: 18 Jun 2025 14:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 795

Ion	Ratio	Lower	Upper
252	100		
253	69.5	31.6	47.4#
125	26.4	8.4	12.6#

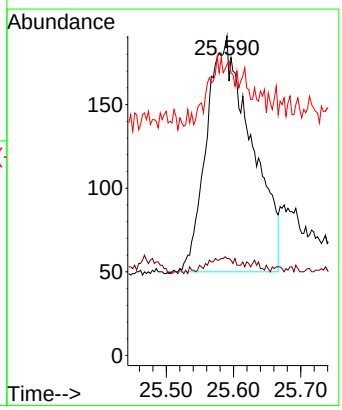


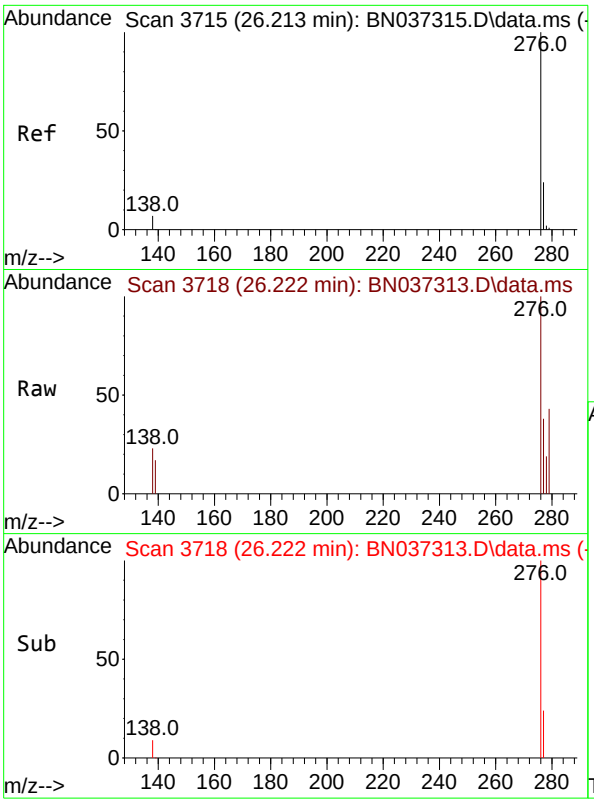


#40
Dibenzo(a,h)anthracene
Concen: 0.074 ng
RT: 25.590 min Scan# 3502
Delta R.T. 0.017 min
Lab File: BN037313.D
Acq: 18 Jun 2025 14:06

Tgt Ion:278 Resp: 651

Ion	Ratio	Lower	Upper
278	100		
139	30.4	10.2	15.4#
279	91.1	35.6	53.4#





#41
Benzo(g,h,i)perylene
Concen: 0.095 ng
RT: 26.222 min Scan# 3
Delta R.T. 0.008 min
Lab File: BN037313.D
Acq: 18 Jun 2025 14:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 961

Ion	Ratio	Lower	Upper
276	100		
277	38.1	22.7	34.1#
138	23.3	9.4	14.2#