Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060225\
Data File : BN037136.D
Acq On : 02 Jun 2025 17:34
Operator : RC/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jun 03 02:16:11 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 02:14:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.604	152	1619	20.000	ng		0.00
7) Naphthalene-d8	10.383	136	4186	20.000	ng		0.00
13) Acenaphthene-d10	14.245	164	2605	20.000	ng		0.00
19) Phenanthrene-d10	16.996	188	5457	20.000	ng		0.00
29) Chrysene-d12	21.189	240	4323	20.000	ng		0.00
35) Perylene-d12	23.380	264	3841	20.000	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.199	112	3065	0.760	ng		0.00
5) Phenol-d6	6.780	99	3763	0.750	ng		0.00
8) Nitrobenzene-d5	8.749	82	3421	0.768	ng		0.00
11) 2-Methylnaphthalene-d10	11.981	152	4661	0.779	ng		0.00
14) 2,4,6-Tribromophenol	15.743	330	943	0.770	ng		0.00
15) 2-Fluorobiphenyl	12.868	172	8217	0.761	ng		0.00
27) Fluoranthene-d10	19.031	212	11304	0.766	ng		0.00
31) Terphenyl-d14	19.635	244	8040	0.790	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.126	88	1638	0.751	ng		96
3) n-Nitrosodimethylamine	3.444	42	3449	0.813	ng	#	99
6) bis(2-Chloroethyl)ether	7.033	93	3580	0.789	ng		97
9) Naphthalene	10.426	128	9329	0.775	ng		97
10) Hexachlorobutadiene	10.725	225	2030	0.786	ng	#	99
12) 2-Methylnaphthalene	12.052	142	6265	0.785	ng		98
16) Acenaphthylene	13.967	152	9726	0.768	ng		99
17) Acenaphthene	14.309	154	6380	0.774	ng		98
18) Fluorene	15.304	166	8751	0.772	ng		99
20) 4,6-Dinitro-2-methylph...	15.389	198	997	0.783	ng	#	53
21) 4-Bromophenyl-phenylether	16.189	248	2714	0.785	ng	#	64
22) Hexachlorobenzene	16.301	284	2967	0.786	ng		100
23) Atrazine	16.475	200	2443	0.781	ng		96
24) Pentachlorophenol	16.649	266	1548	0.754	ng		99
25) Phenanthrene	17.033	178	13765	0.780	ng		100
26) Anthracene	17.120	178	12676	0.782	ng		100
28) Fluoranthene	19.059	202	16116	0.774	ng		100
30) Pyrene	19.426	202	16177	0.790	ng		100
32) Benzo(a)anthracene	21.171	228	12291	0.782	ng		100
33) Chrysene	21.224	228	13624	0.782	ng		98
34) Bis(2-ethylhexyl)phtha...	21.117	149	8519	0.761	ng		99
36) Indeno(1,2,3-cd)pyrene	25.585	276	11192	0.794	ng		98
37) Benzo(b)fluoranthene	22.725	252	12352	0.786	ng		93
38) Benzo(k)fluoranthene	22.769	252	12251	0.777	ng		94
39) Benzo(a)pyrene	23.287	252	10076	0.775	ng	#	90
40) Dibenzo(a,h)anthracene	25.596	278	8128	0.770	ng		94
41) Benzo(g,h,i)perylene	26.254	276	10019	0.796	ng		96

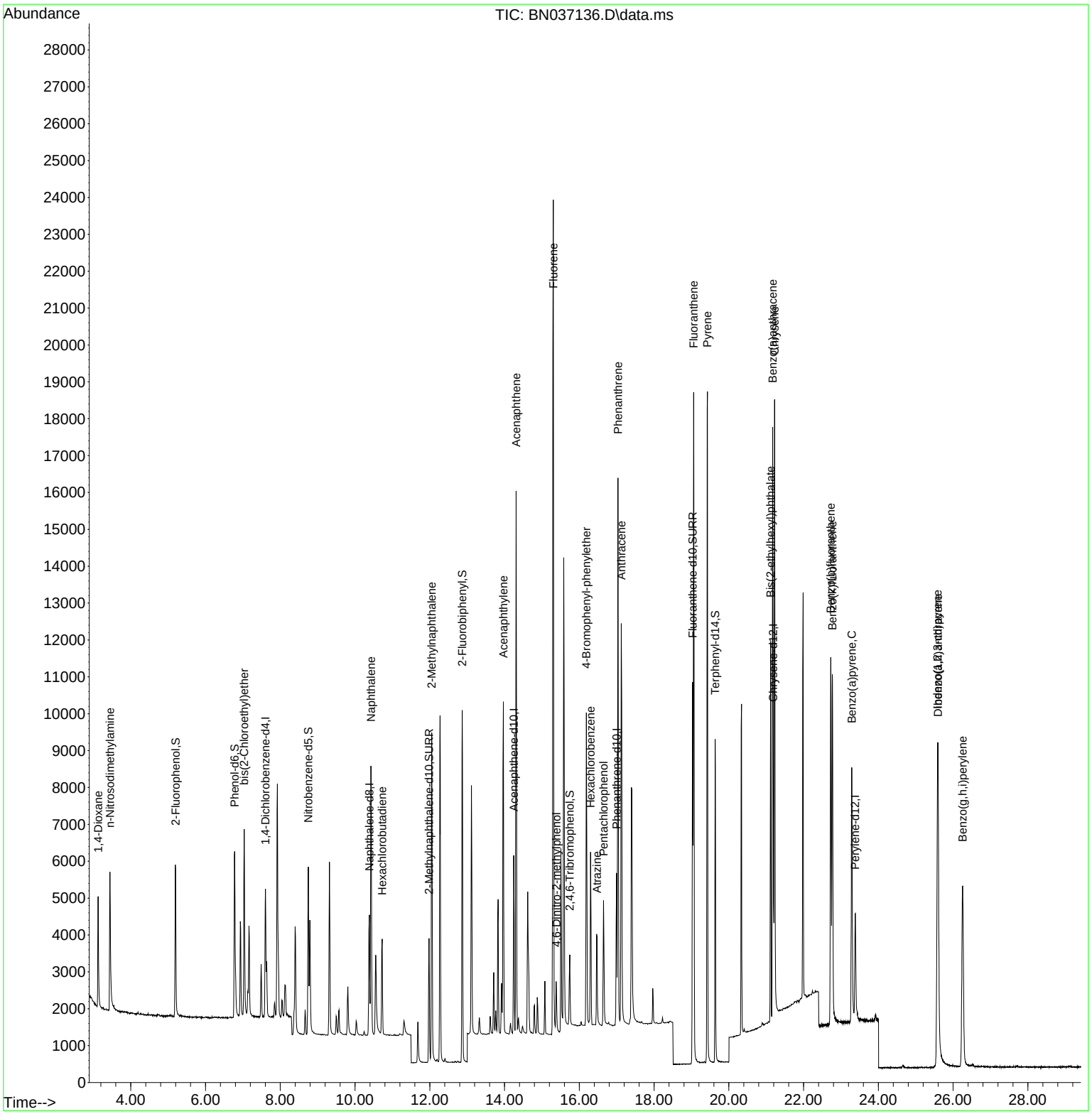
(#) = qualifier out of range (m) = manual integration (+) = signals summed

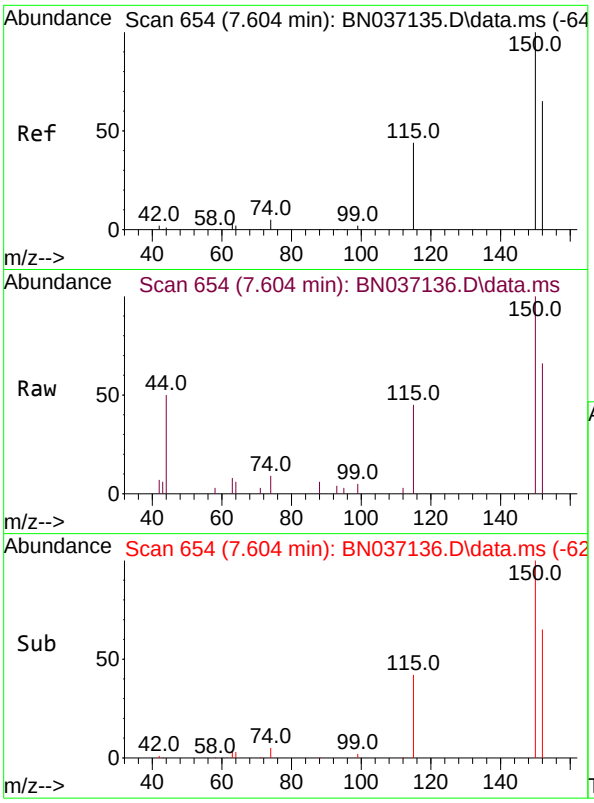
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060225\
Data File : BN037136.D
Acq On : 02 Jun 2025 17:34
Operator : RC/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jun 03 02:16:11 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 02:14:01 2025
Response via : Initial Calibration



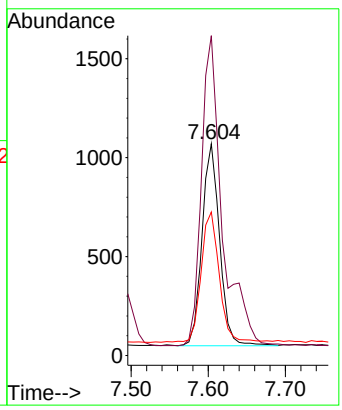


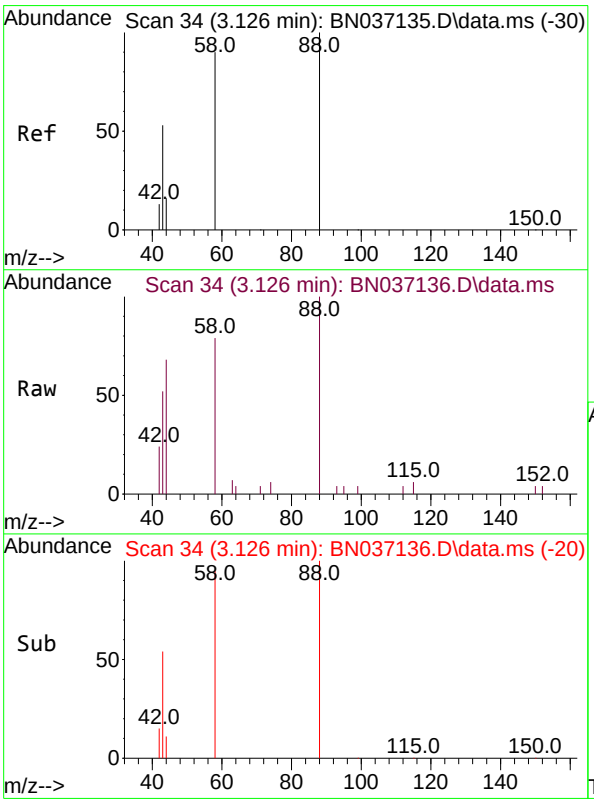
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.604 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN037136.D
Acq: 02 Jun 2025 17:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1619

Ion	Ratio	Lower	Upper
152	100		
150	151.1	120.6	180.8
115	67.8	56.6	85.0

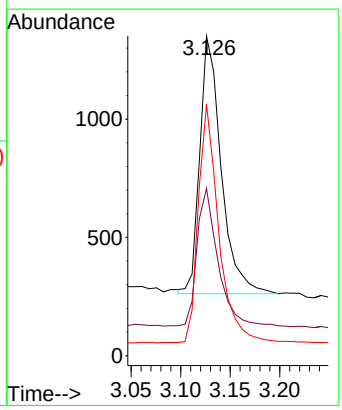


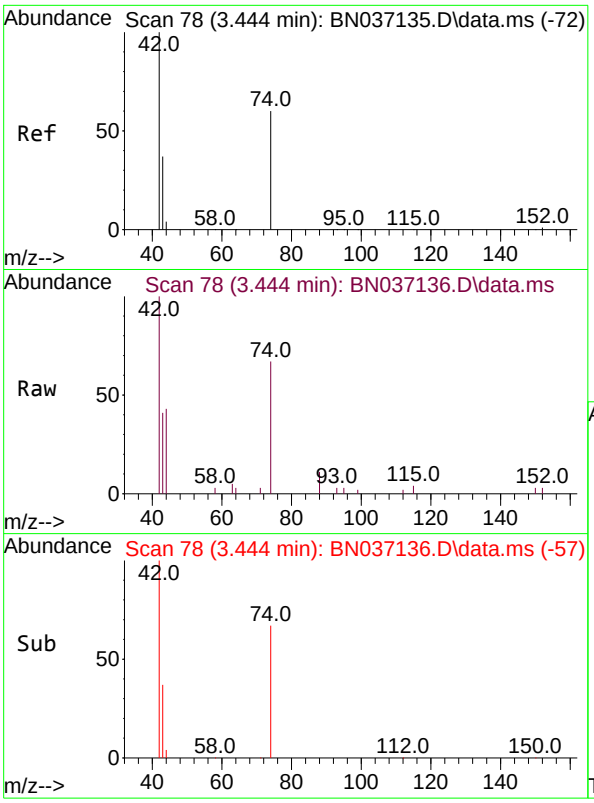


#2
1,4-Dioxane
Concen: 0.751 ng
RT: 3.126 min Scan# 34
Delta R.T. 0.000 min
Lab File: BN037136.D
Acq: 02 Jun 2025 17:34

Tgt Ion: 88 Resp: 1638

Ion	Ratio	Lower	Upper
88	100		
43	51.8	41.6	62.4
58	87.7	65.8	98.8



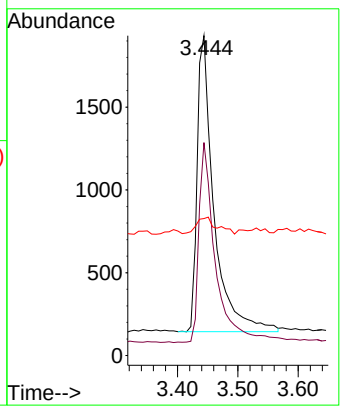


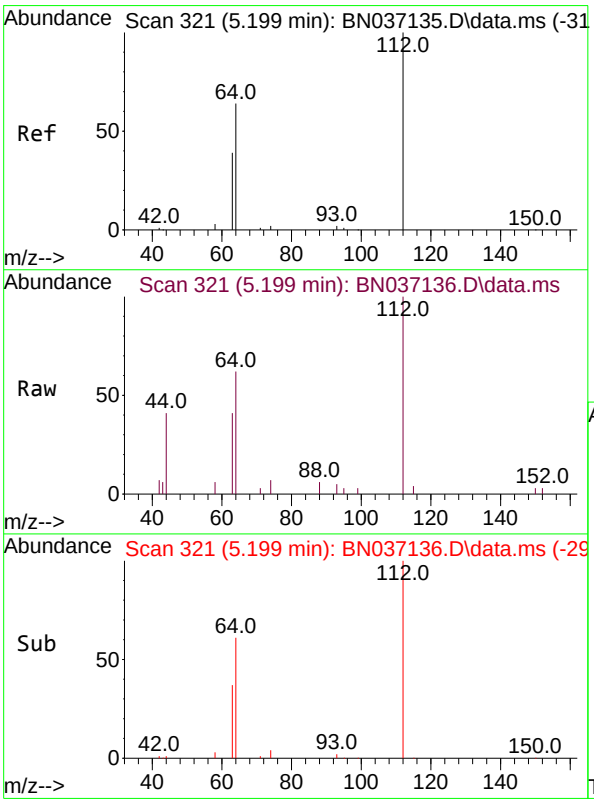
#3
n-Nitrosodimethylamine
Concen: 0.813 ng
RT: 3.444 min Scan# 78
Delta R.T. 0.000 min
Lab File: BN037136.D
Acq: 02 Jun 2025 17:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 3449

Ion	Ratio	Lower	Upper
42	100		
74	66.0	53.0	79.4
44	6.7	7.2	10.8#

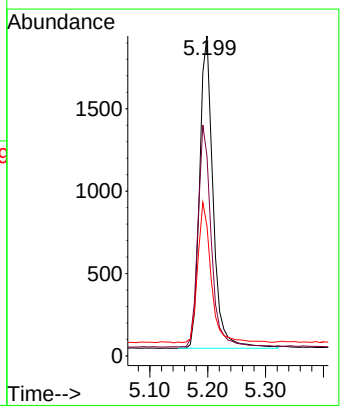


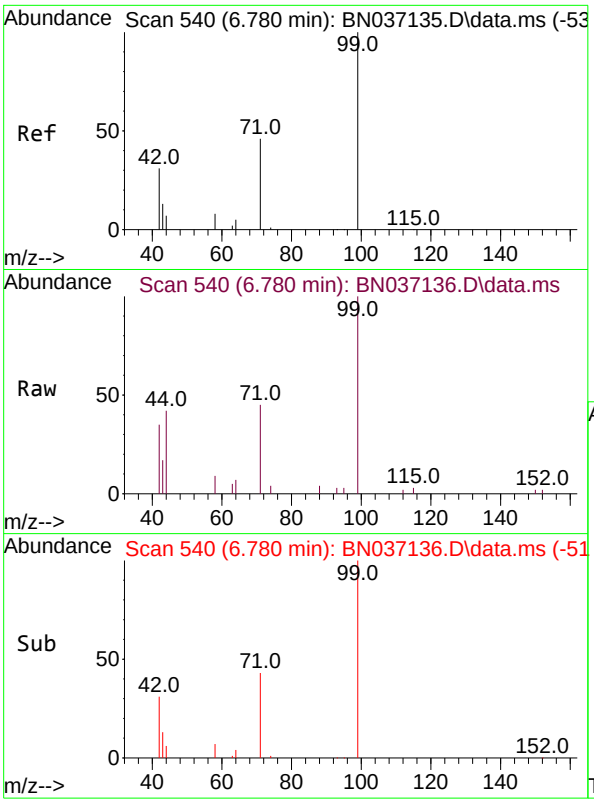


#4
2-Fluorophenol
Concen: 0.760 ng
RT: 5.199 min Scan# 321
Delta R.T. 0.000 min
Lab File: BN037136.D
Acq: 02 Jun 2025 17:34

Tgt Ion:112 Resp: 3065

Ion	Ratio	Lower	Upper
112	100		
64	70.4	56.0	84.0
63	44.9	37.0	55.4



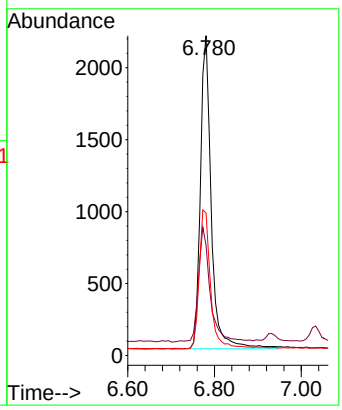


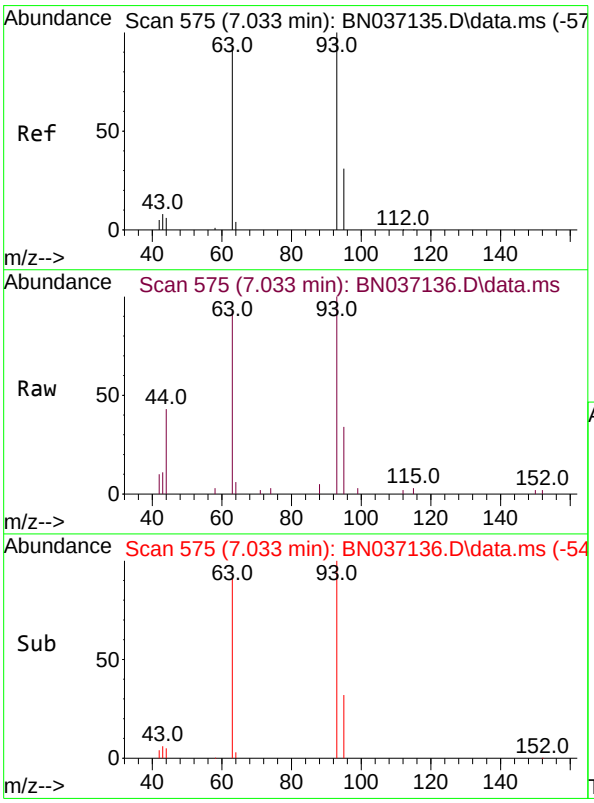
#5
Phenol-d6
Concen: 0.750 ng
RT: 6.780 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN037136.D
Acq: 02 Jun 2025 17:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 3763

Ion	Ratio	Lower	Upper
99	100		
42	40.1	30.5	45.7
71	46.2	39.1	58.7

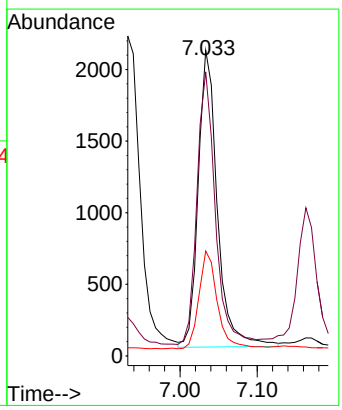


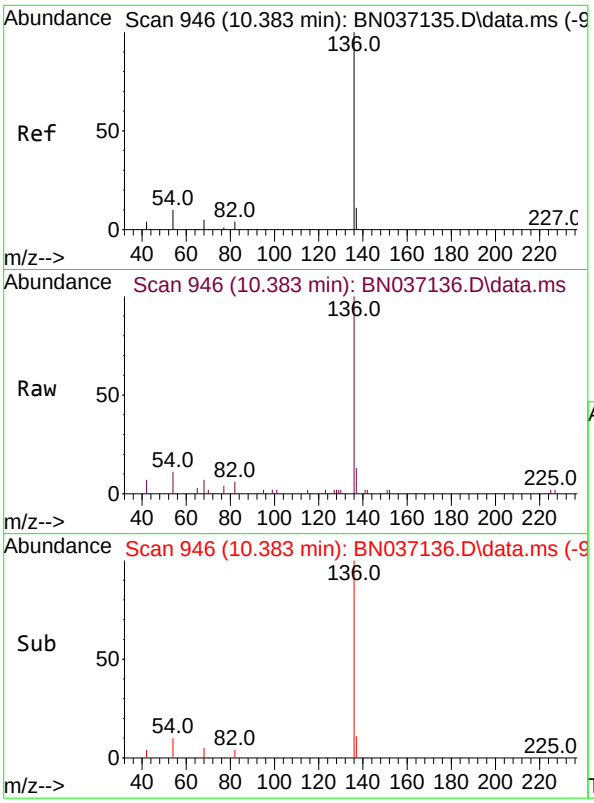


#6
bis(2-Chloroethyl)ether
Concen: 0.789 ng
RT: 7.033 min Scan# 575
Delta R.T. 0.000 min
Lab File: BN037136.D
Acq: 02 Jun 2025 17:34

Tgt Ion: 93 Resp: 3580

Ion	Ratio	Lower	Upper
93	100		
63	87.8	68.4	102.6
95	31.9	24.2	36.4



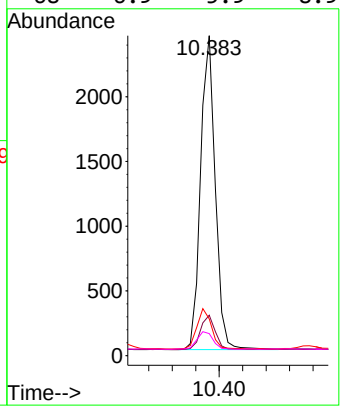


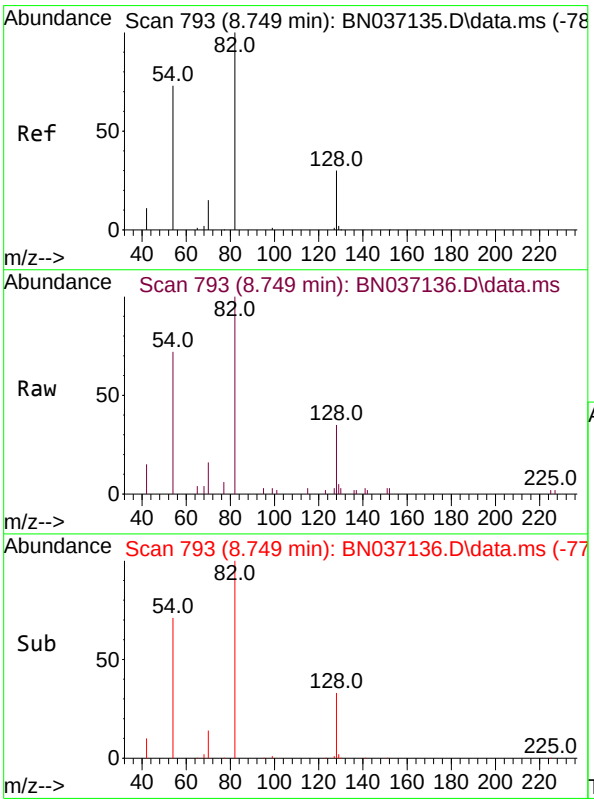
#7
Naphthalene-d8
Concen: 20.000 ng
RT: 10.383 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN037136.D
Acq: 02 Jun 2025 17:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 4186

Ion	Ratio	Lower	Upper
136	100		
137	12.7	10.3	15.5
54	11.5	9.9	14.9
68	6.9	5.9	8.9

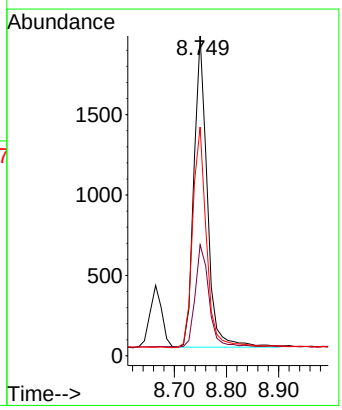


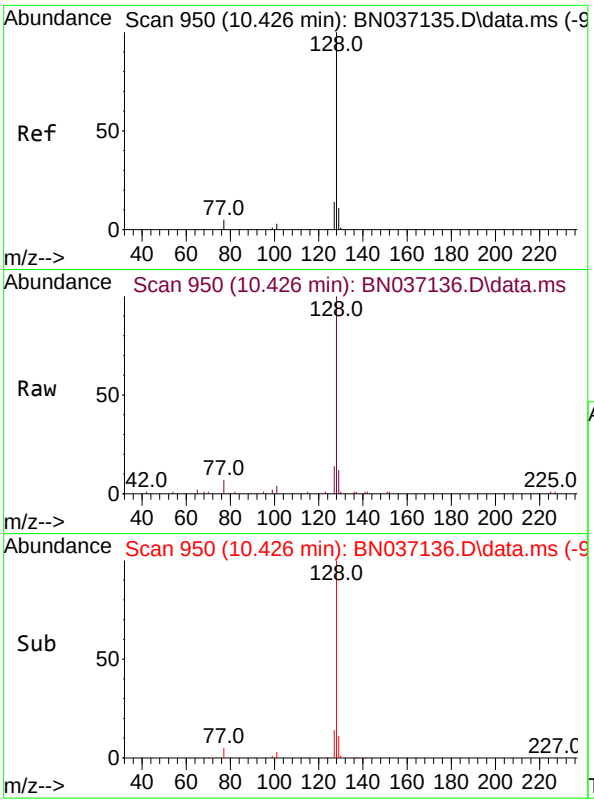


#8
Nitrobenzene-d5
Concen: 0.768 ng
RT: 8.749 min Scan# 793
Delta R.T. 0.000 min
Lab File: BN037136.D
Acq: 02 Jun 2025 17:34

Tgt Ion: 82 Resp: 3421

Ion	Ratio	Lower	Upper
82	100		
128	34.7	28.2	42.2
54	71.5	60.2	90.2



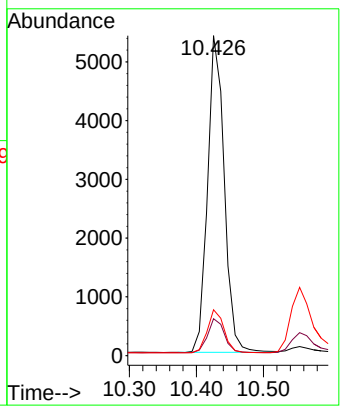


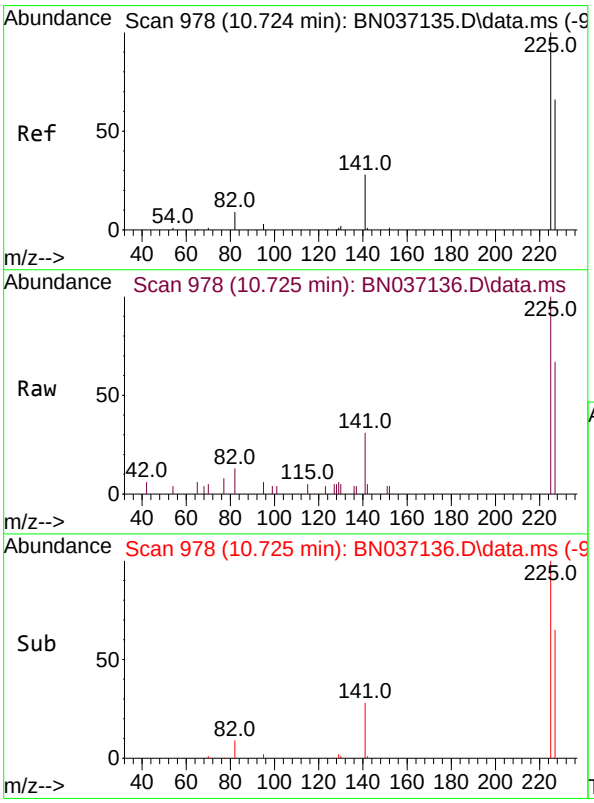
#9
Naphthalene
Concen: 0.775 ng
RT: 10.426 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN037136.D
Acq: 02 Jun 2025 17:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 9329

Ion	Ratio	Lower	Upper
128	100		
129	11.5	10.2	15.4
127	14.3	12.6	18.8

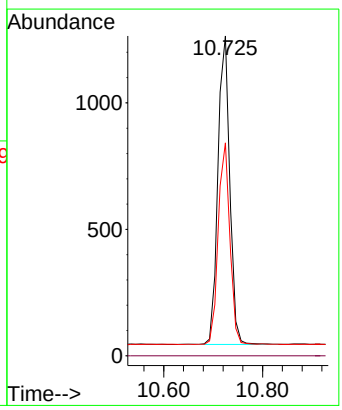


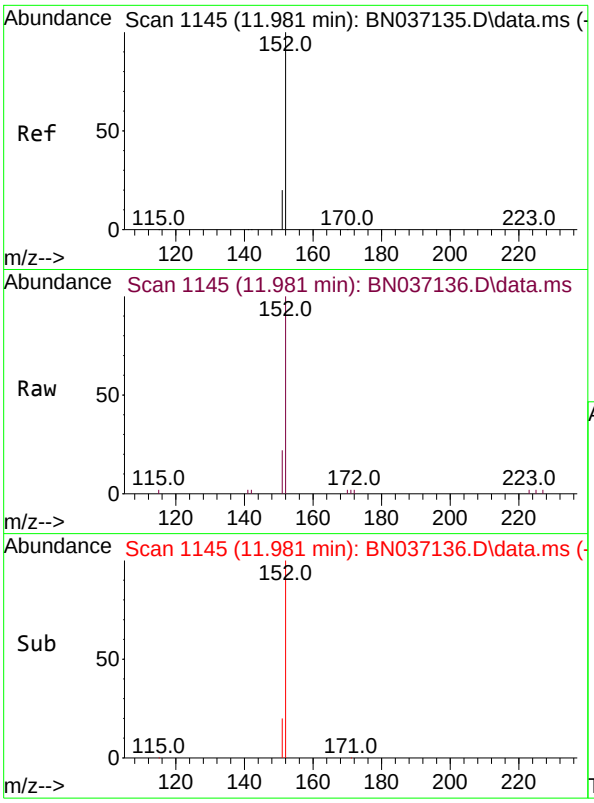


#10
Hexachlorobutadiene
Concen: 0.786 ng
RT: 10.725 min Scan# 978
Delta R.T. 0.000 min
Lab File: BN037136.D
Acq: 02 Jun 2025 17:34

Tgt Ion:225 Resp: 2030

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.4	51.8	77.8



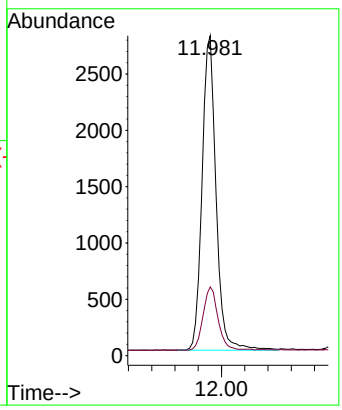


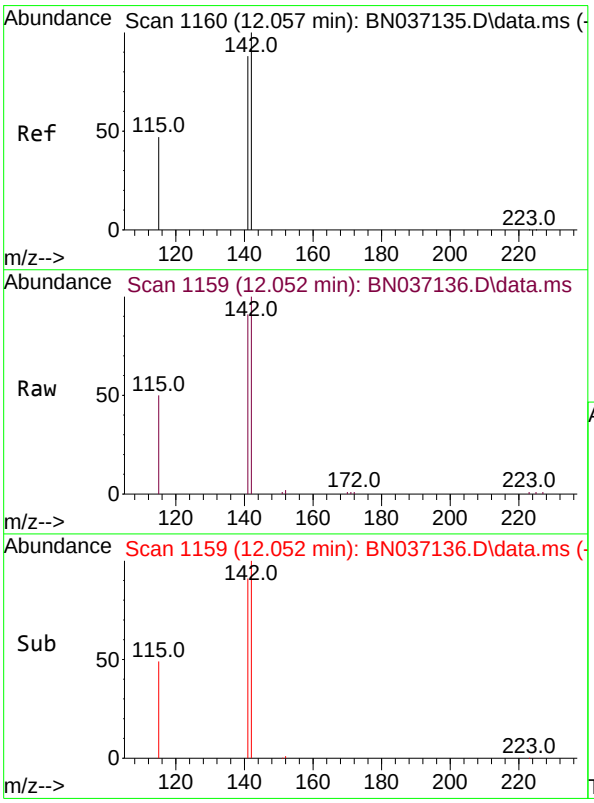
#11
2-Methylnaphthalene-d10
Concen: 0.779 ng
RT: 11.981 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037136.D
Acq: 02 Jun 2025 17:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 4661

Ion	Ratio	Lower	Upper
152	100		
151	21.4	17.8	26.6

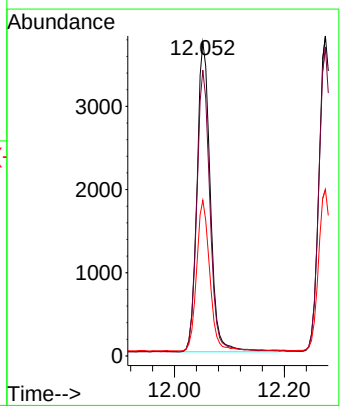


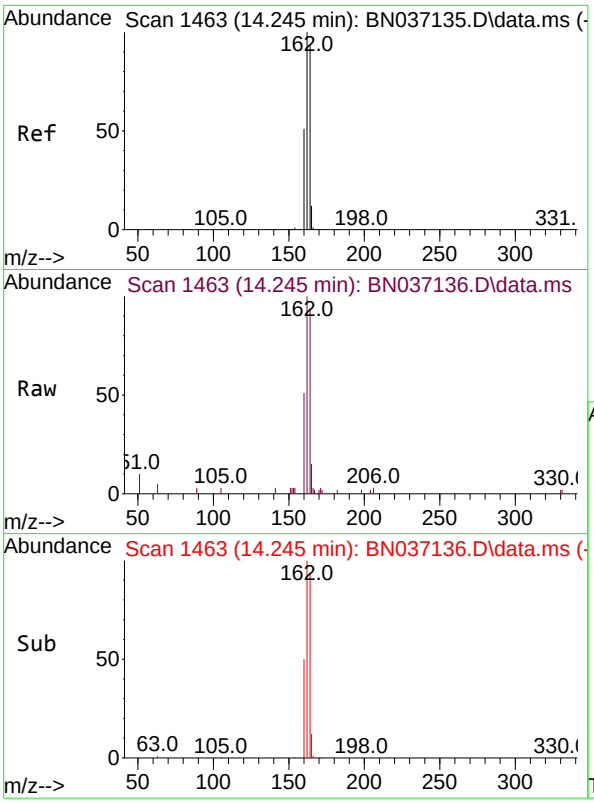


#12
2-Methylnaphthalene
Concen: 0.785 ng
RT: 12.052 min Scan# 1159
Delta R.T. -0.005 min
Lab File: BN037136.D
Acq: 02 Jun 2025 17:34

Tgt Ion:142 Resp: 6265

Ion	Ratio	Lower	Upper
142	100		
141	91.1	70.6	106.0
115	49.6	39.7	59.5



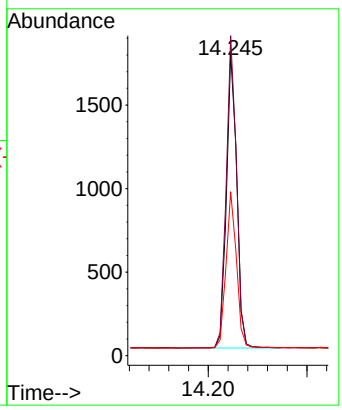


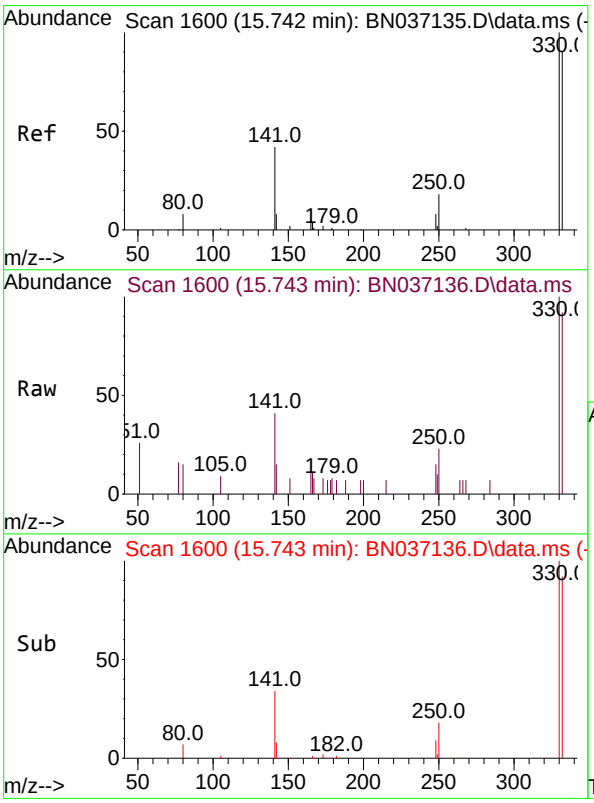
#13
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.245 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN037136.D
Acq: 02 Jun 2025 17:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 2605

Ion	Ratio	Lower	Upper
164	100		
162	106.0	85.1	127.7
160	54.3	44.2	66.4

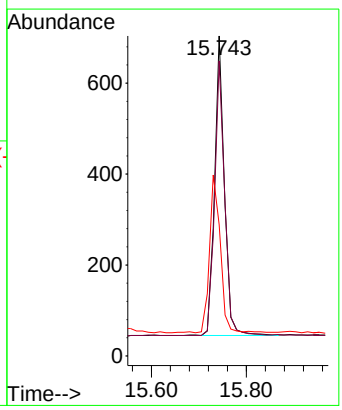


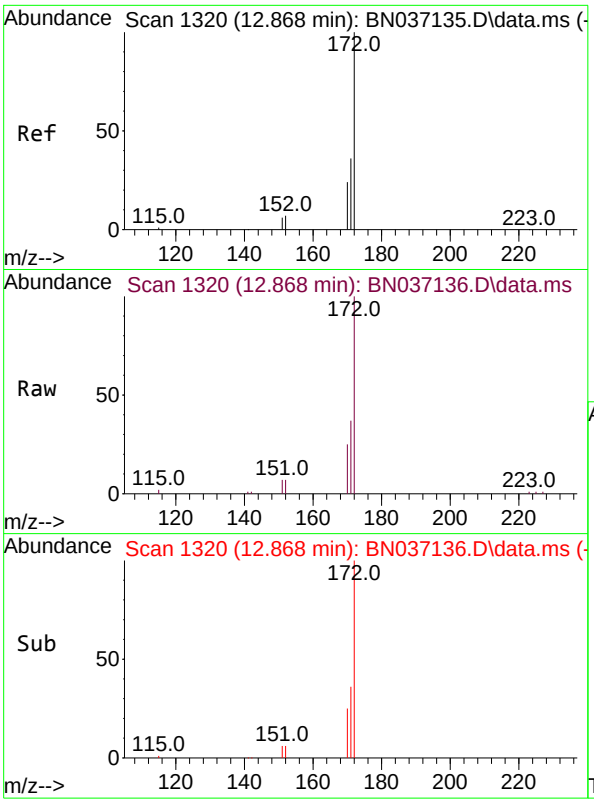


#14
2,4,6-Tribromophenol
Concen: 0.770 ng
RT: 15.743 min Scan# 1600
Delta R.T. 0.000 min
Lab File: BN037136.D
Acq: 02 Jun 2025 17:34

Tgt Ion:330 Resp: 943

Ion	Ratio	Lower	Upper
330	100		
332	94.3	76.6	115.0
141	58.3	47.3	70.9



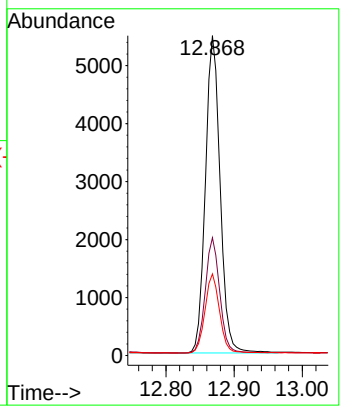


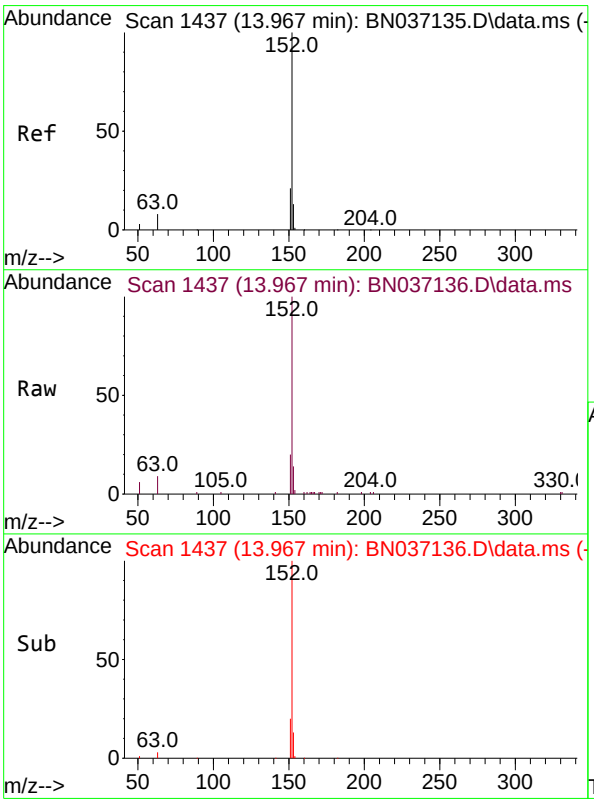
#15
2-Fluorobiphenyl
Concen: 0.761 ng
RT: 12.868 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037136.D
Acq: 02 Jun 2025 17:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 8217

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.9	44.9
170	25.5	20.5	30.7

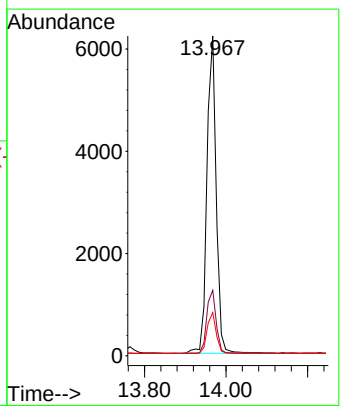


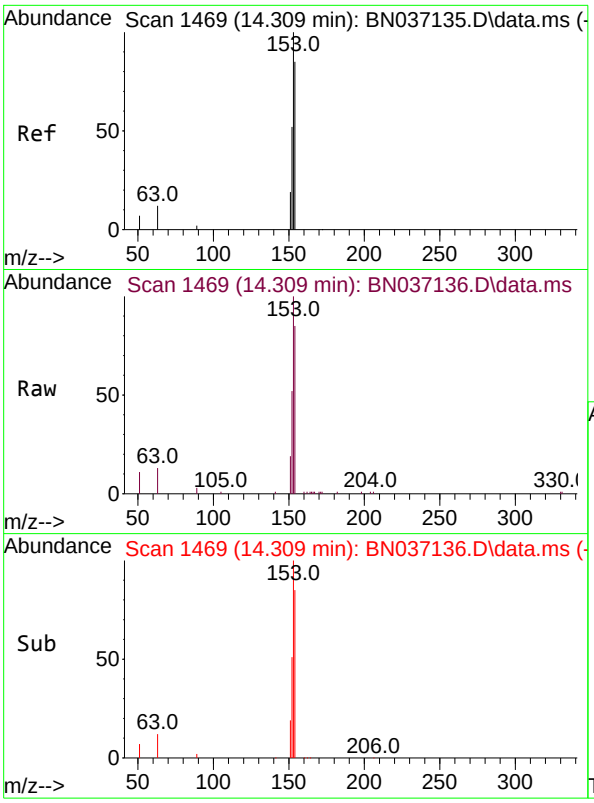


#16
Acenaphthylene
Concen: 0.768 ng
RT: 13.967 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BN037136.D
Acq: 02 Jun 2025 17:34

Tgt Ion:152 Resp: 9726

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.4	24.6
153	12.8	10.5	15.7



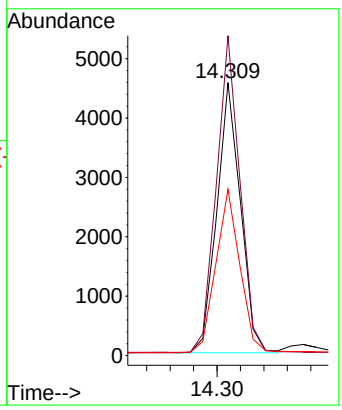


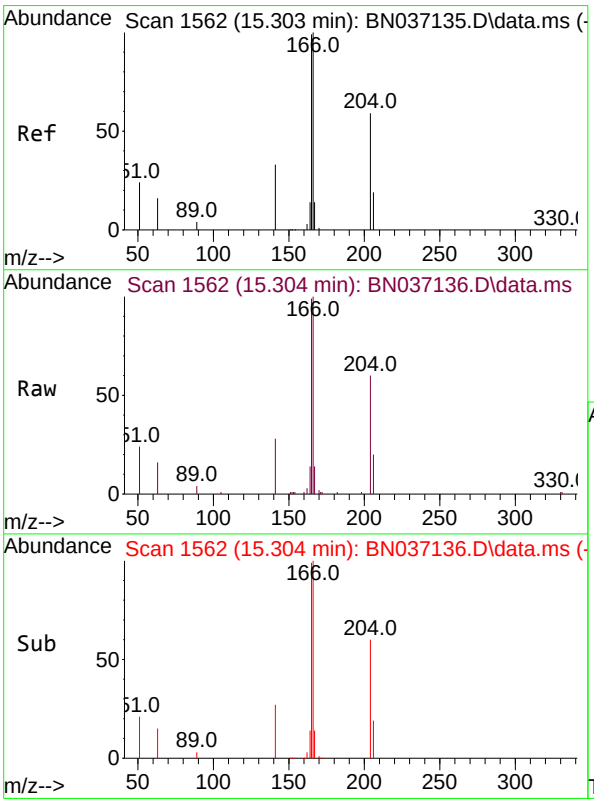
#17
Acenaphthene
Concen: 0.774 ng
RT: 14.309 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN037136.D
Acq: 02 Jun 2025 17:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 6380

Ion	Ratio	Lower	Upper
154	100		
153	117.5	95.4	143.2
152	61.6	50.6	75.8

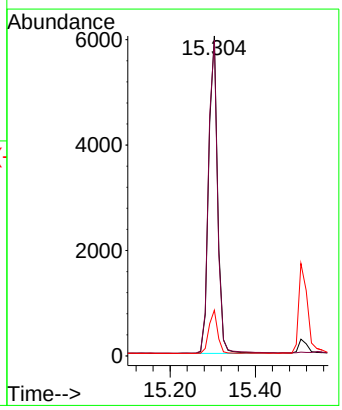


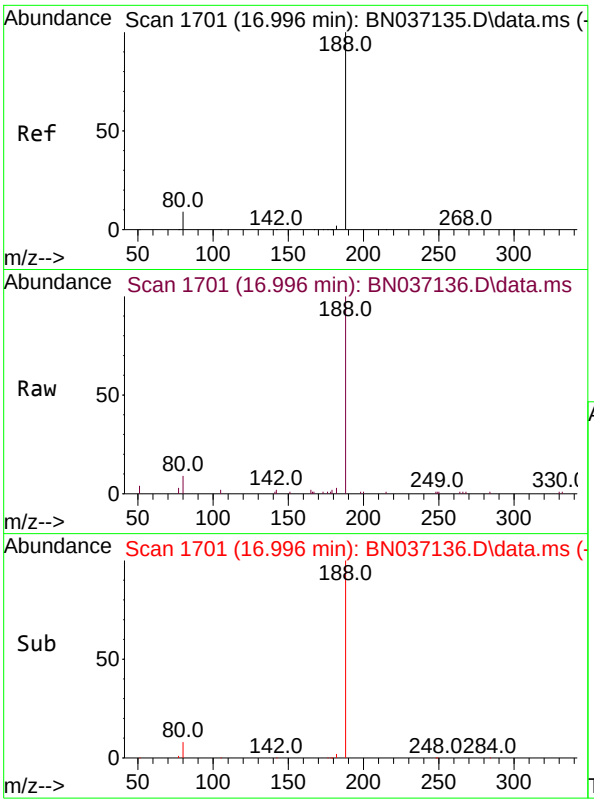


#18
Fluorene
Concen: 0.772 ng
RT: 15.304 min Scan# 1562
Delta R.T. 0.000 min
Lab File: BN037136.D
Acq: 02 Jun 2025 17:34

Tgt Ion:166 Resp: 8751

Ion	Ratio	Lower	Upper
166	100		
165	100.3	81.4	122.0
167	13.4	10.9	16.3



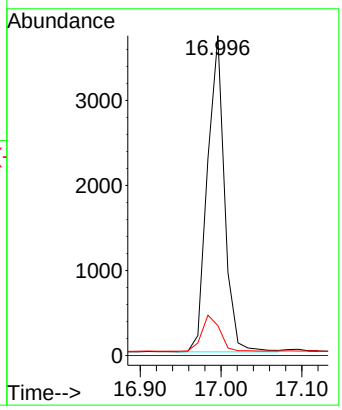


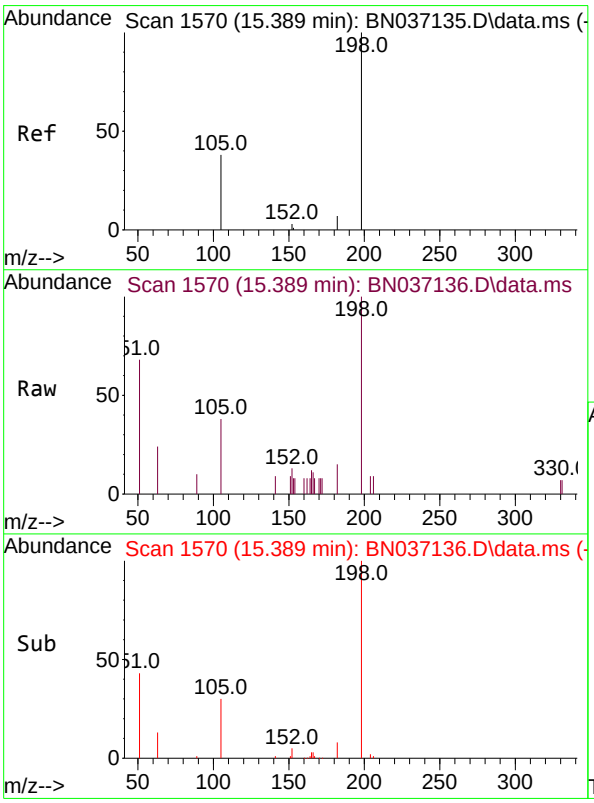
#19
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.996 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037136.D
Acq: 02 Jun 2025 17:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 5457

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.4	8.4	12.6

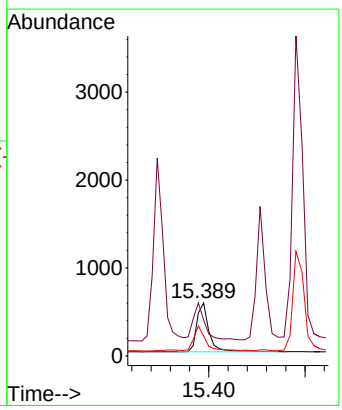


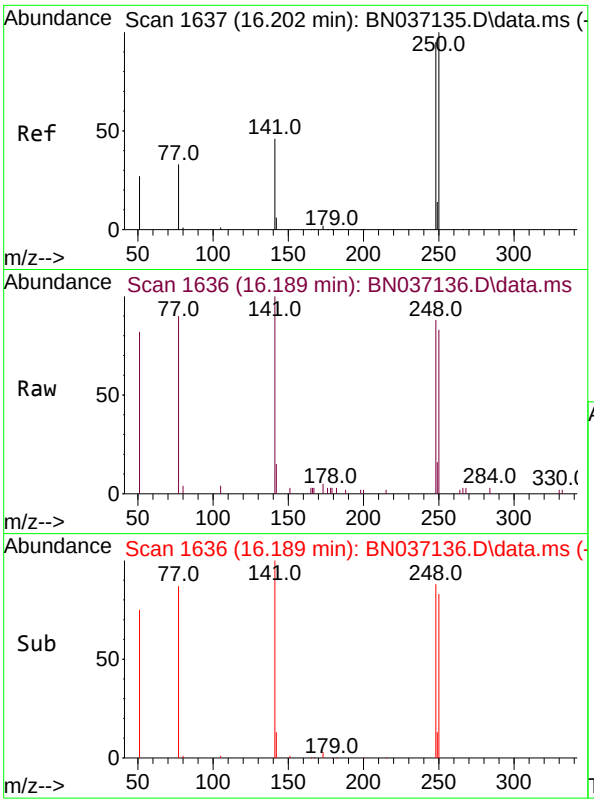


#20
4,6-Dinitro-2-methylphenol
Concen: 0.783 ng
RT: 15.389 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BN037136.D
Acq: 02 Jun 2025 17:34

Tgt Ion:198 Resp: 997

Ion	Ratio	Lower	Upper
198	100		
51	67.9	109.0	163.6#
105	37.8	43.0	64.4#



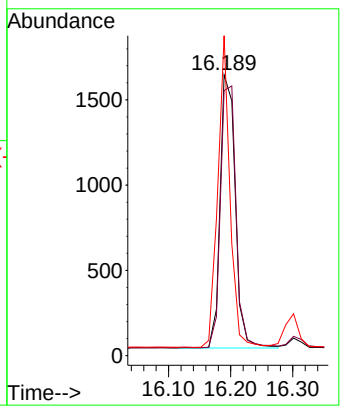


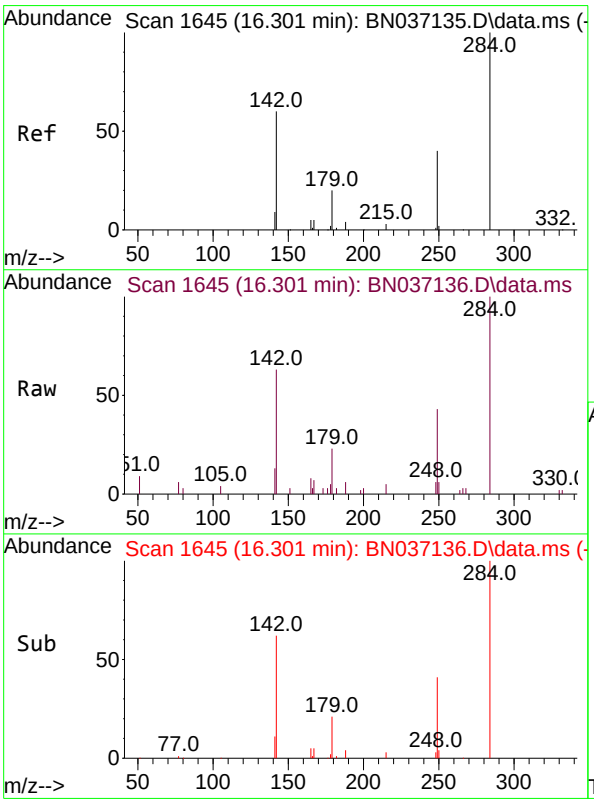
#21
4-Bromophenyl-phenylether
Concen: 0.785 ng
RT: 16.189 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037136.D
Acq: 02 Jun 2025 17:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 2714

Ion	Ratio	Lower	Upper
248	100		
250	94.4	83.8	125.6
141	114.0	41.9	62.9#

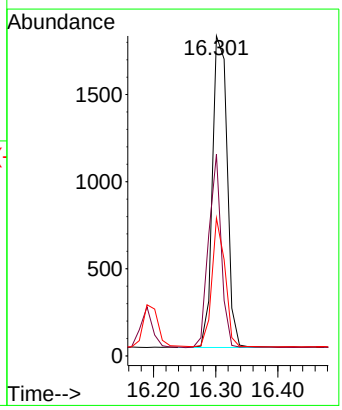


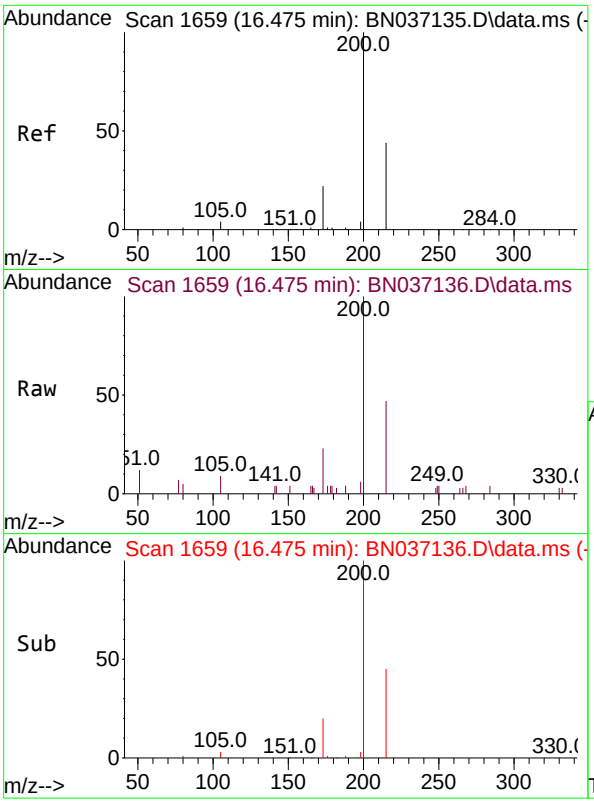


#22
Hexachlorobenzene
Concen: 0.786 ng
RT: 16.301 min Scan# 1645
Delta R.T. 0.000 min
Lab File: BN037136.D
Acq: 02 Jun 2025 17:34

Tgt Ion:284 Resp: 2967

Ion	Ratio	Lower	Upper
284	100		
142	53.4	43.0	64.6
249	36.7	29.4	44.0



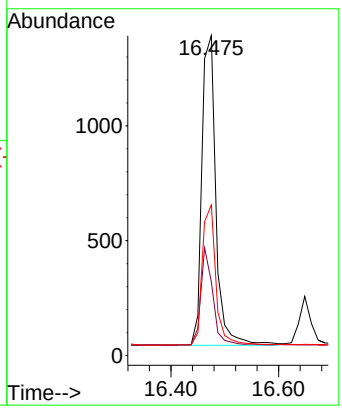


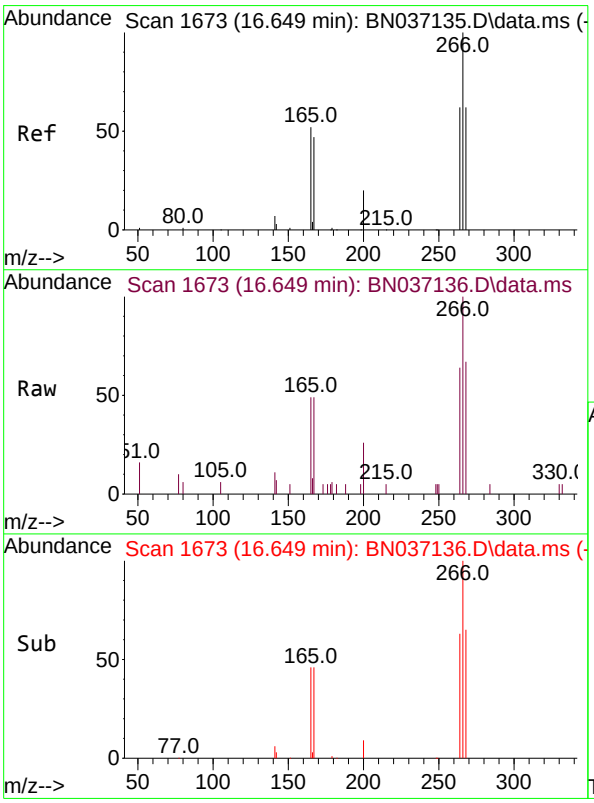
#23
Atrazine
Concen: 0.781 ng
RT: 16.475 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037136.D
Acq: 02 Jun 2025 17:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 2443

Ion	Ratio	Lower	Upper
200	100		
173	23.0	22.3	33.5
215	47.1	38.3	57.5

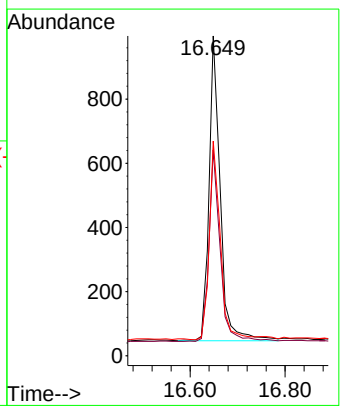


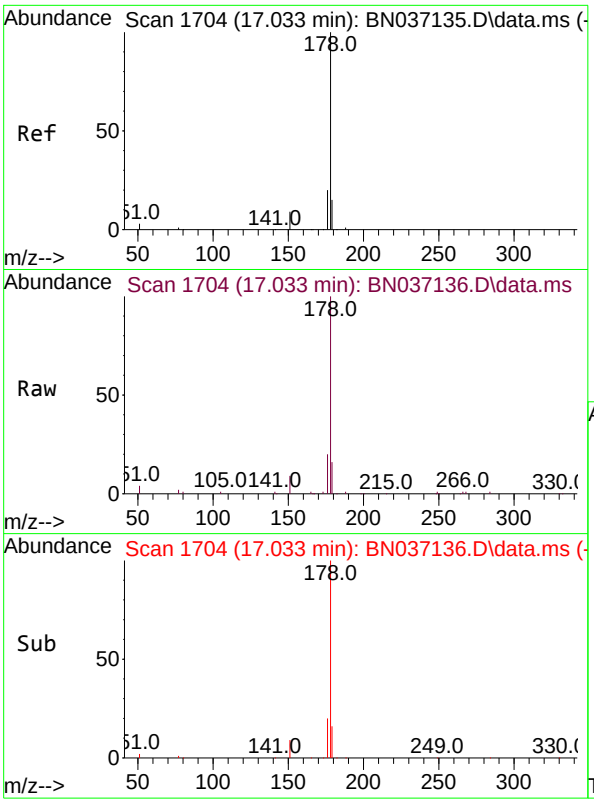


#24
Pentachlorophenol
Concen: 0.754 ng
RT: 16.649 min Scan# 1673
Delta R.T. 0.000 min
Lab File: BN037136.D
Acq: 02 Jun 2025 17:34

Tgt Ion:266 Resp: 1548

Ion	Ratio	Lower	Upper
266	100		
264	62.5	49.0	73.4
268	64.2	51.6	77.4



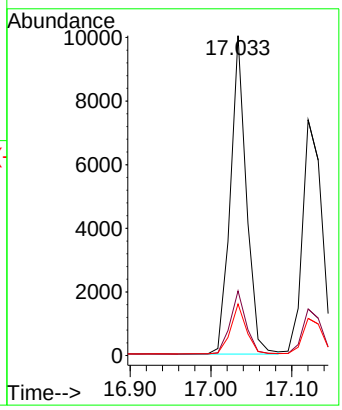


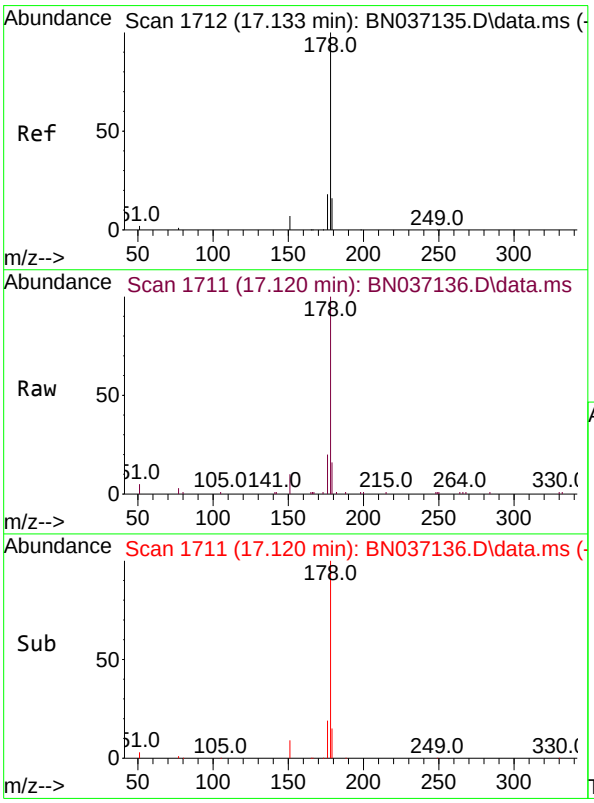
#25
Phenanthrene
Concen: 0.780 ng
RT: 17.033 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037136.D
Acq: 02 Jun 2025 17:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 13765

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.1	24.1
179	15.5	12.4	18.6

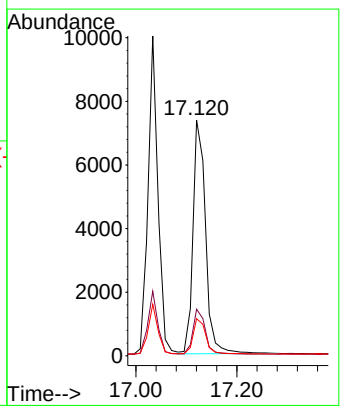


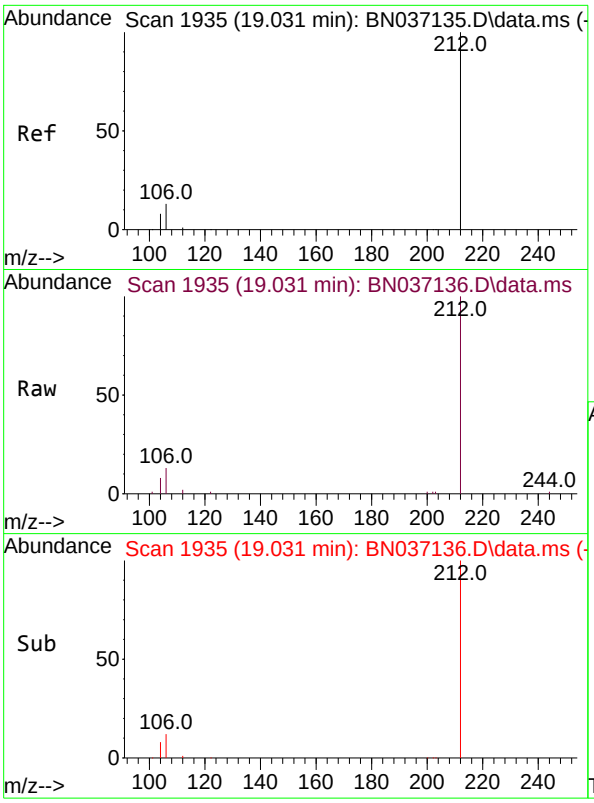


#26
Anthracene
Concen: 0.782 ng
RT: 17.120 min Scan# 1711
Delta R.T. -0.012 min
Lab File: BN037136.D
Acq: 02 Jun 2025 17:34

Tgt Ion:178 Resp: 12676

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.4
179	15.4	12.3	18.5



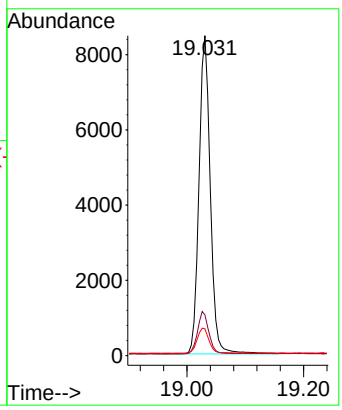


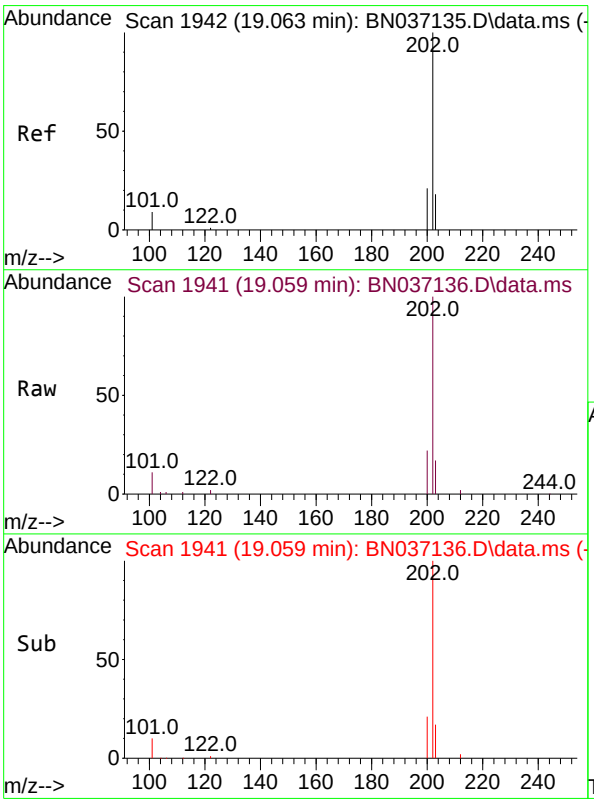
#27
Fluoranthene-d10
Concen: 0.766 ng
RT: 19.031 min Scan# 19
Delta R.T. 0.000 min
Lab File: BN037136.D
Acq: 02 Jun 2025 17:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 11304

Ion	Ratio	Lower	Upper
212	100		
106	13.2	10.8	16.2
104	8.2	6.8	10.2

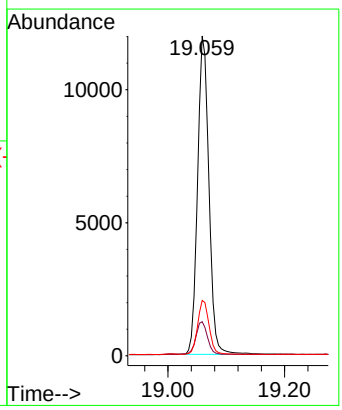


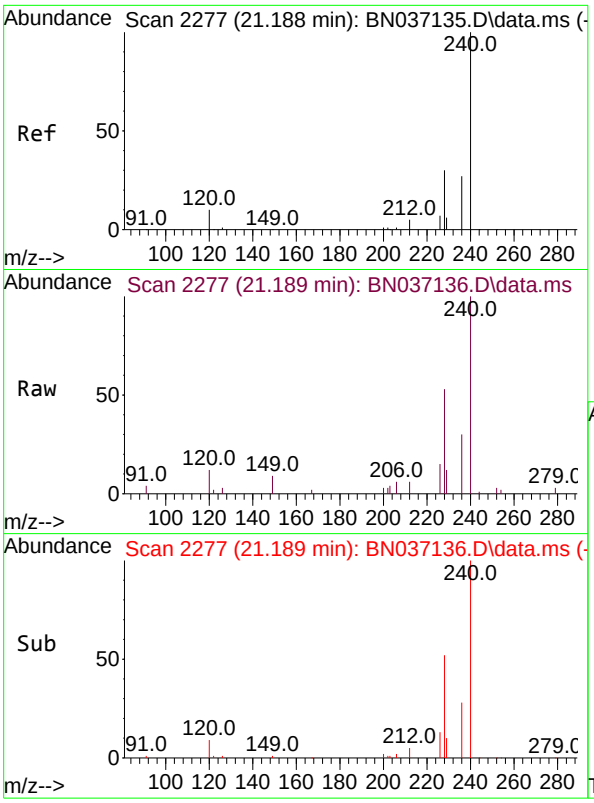


#28
Fluoranthene
Concen: 0.774 ng
RT: 19.059 min Scan# 1941
Delta R.T. -0.005 min
Lab File: BN037136.D
Acq: 02 Jun 2025 17:34

Tgt Ion:202 Resp: 16116

Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.4	12.6
203	16.9	13.6	20.4



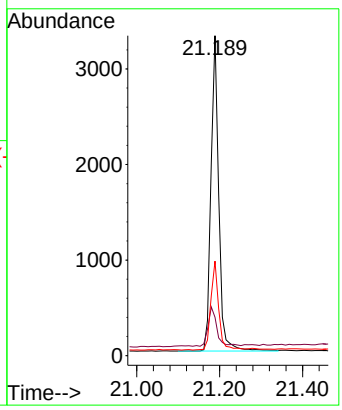


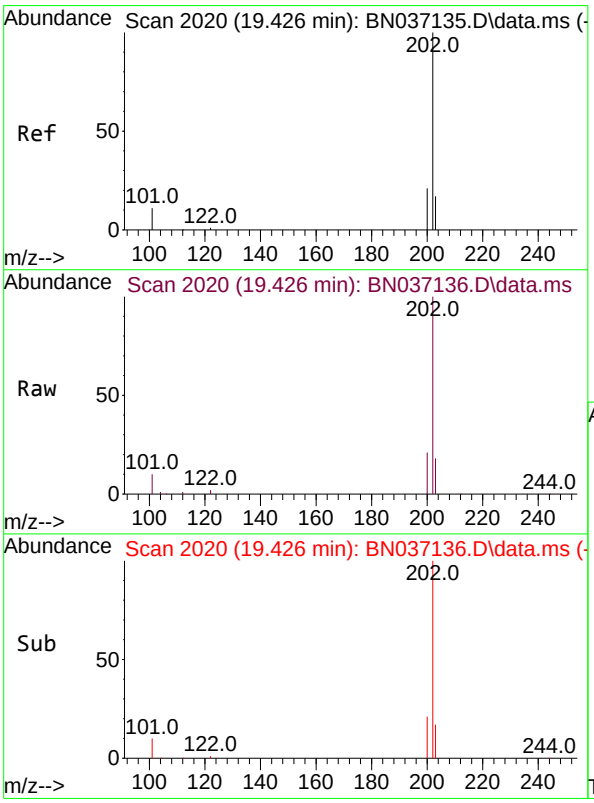
#29
Chrysene-d12
Concen: 20.000 ng
RT: 21.189 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037136.D
Acq: 02 Jun 2025 17:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 4323

Ion	Ratio	Lower	Upper
240	100		
120	12.0	10.5	15.7
236	29.5	23.0	34.6

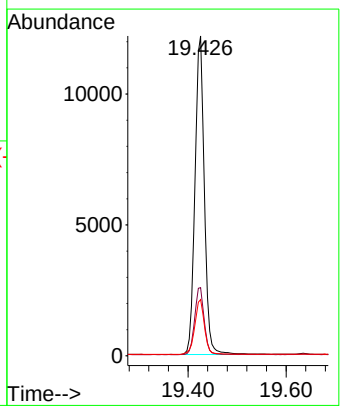


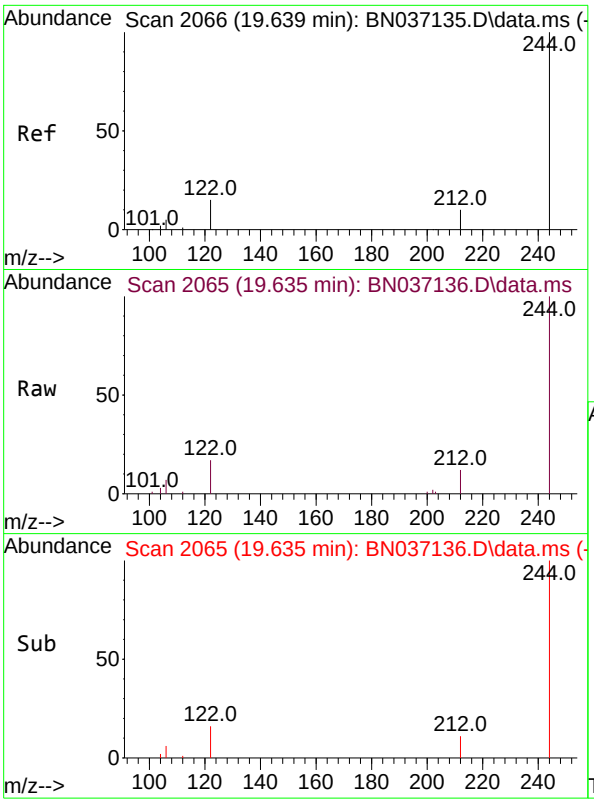


#30
Pyrene
Concen: 0.790 ng
RT: 19.426 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BN037136.D
Acq: 02 Jun 2025 17:34

Tgt Ion:202 Resp: 16177

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.0	25.6
203	17.8	14.2	21.4



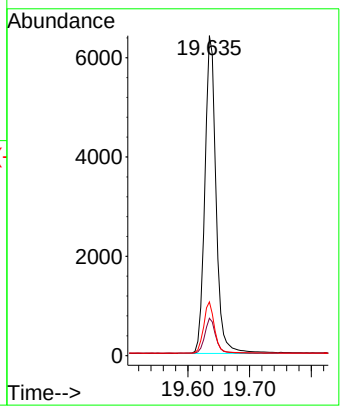


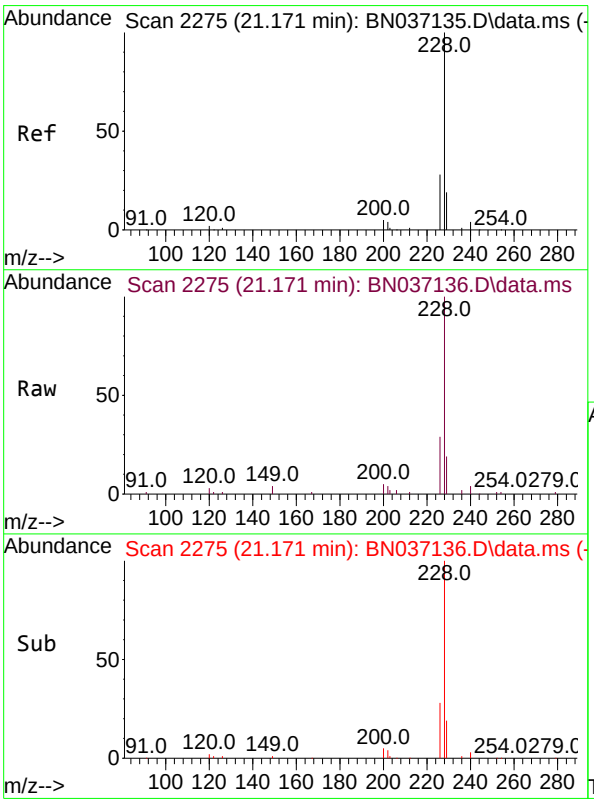
#31
Terphenyl-d14
Concen: 0.790 ng
RT: 19.635 min Scan# 20
Delta R.T. -0.005 min
Lab File: BN037136.D
Acq: 02 Jun 2025 17:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 8040

Ion	Ratio	Lower	Upper
244	100		
212	11.7	9.2	13.8
122	16.8	13.2	19.8

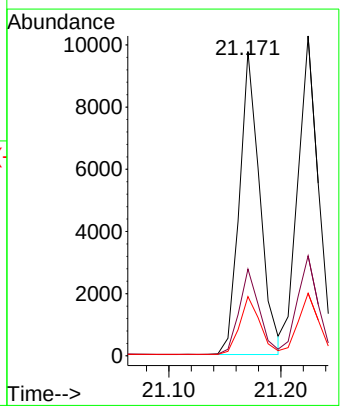


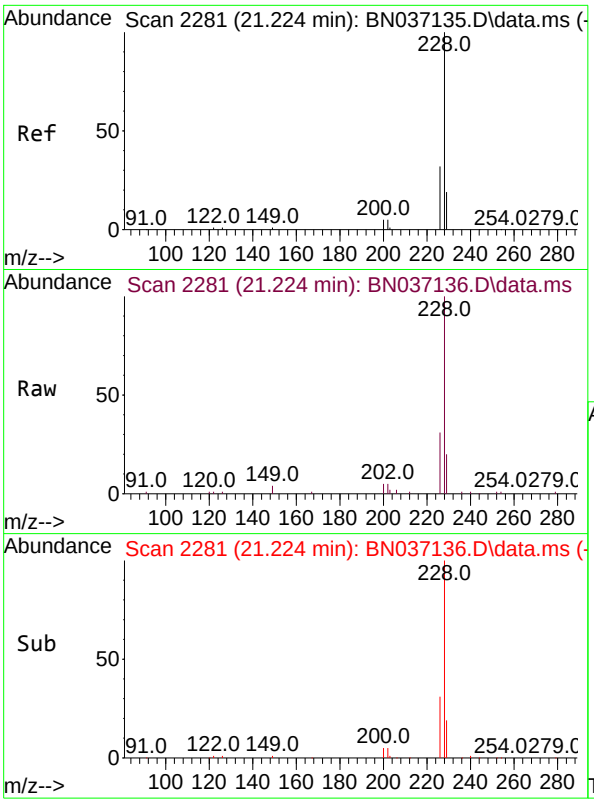


#32
Benzo(a)anthracene
Concen: 0.782 ng
RT: 21.171 min Scan# 2275
Delta R.T. 0.000 min
Lab File: BN037136.D
Acq: 02 Jun 2025 17:34

Tgt Ion:228 Resp: 12291

Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.0	34.4
229	19.5	15.8	23.8



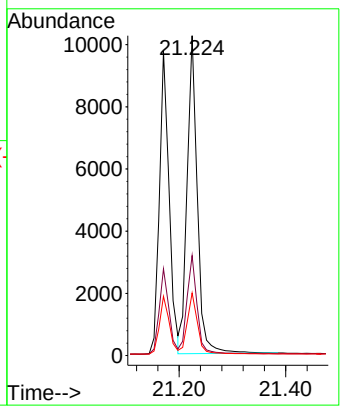


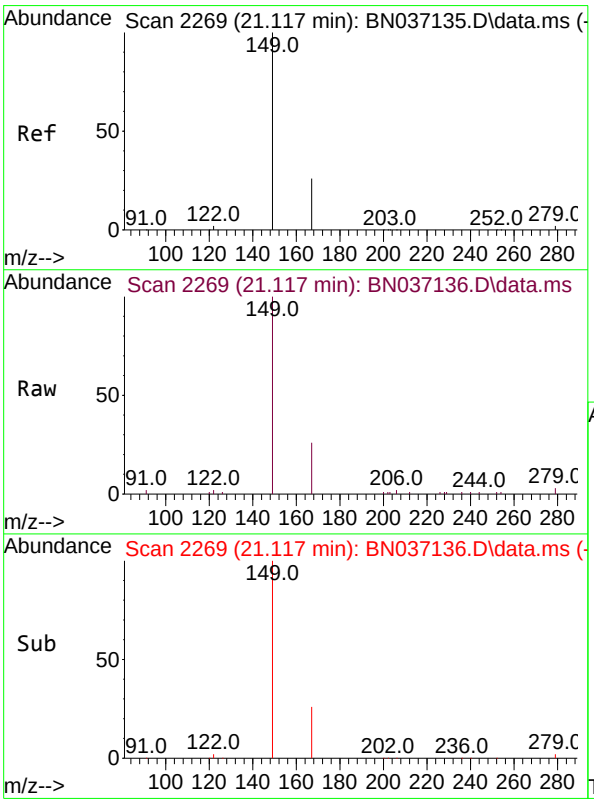
#33
Chrysene
Concen: 0.782 ng
RT: 21.224 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037136.D
Acq: 02 Jun 2025 17:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 13624

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.7	38.5
229	19.6	16.3	24.5

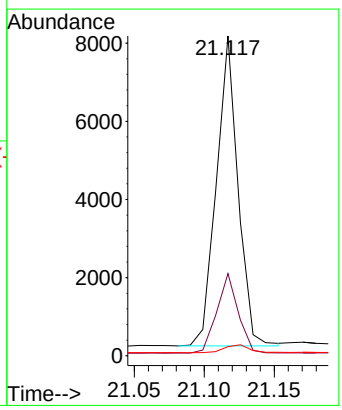


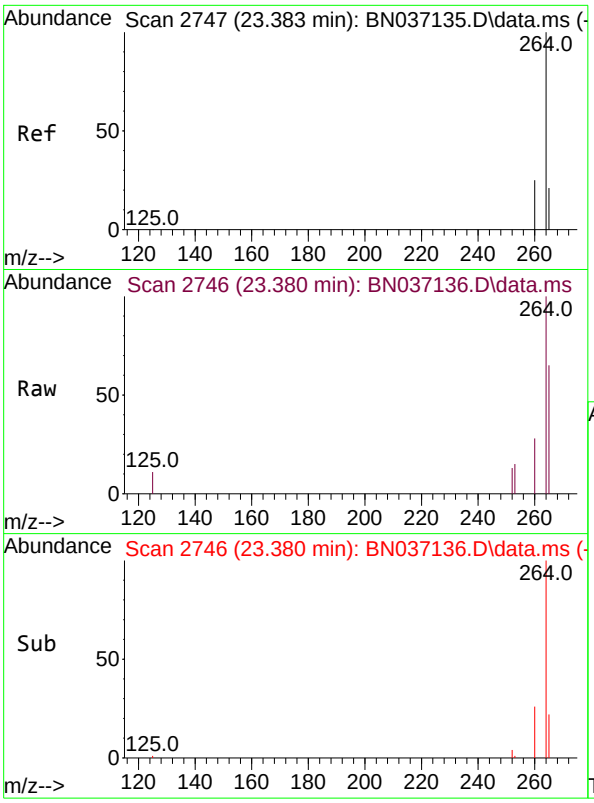


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.761 ng
RT: 21.117 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BN037136.D
Acq: 02 Jun 2025 17:34

Tgt Ion:149 Resp: 8519

Ion	Ratio	Lower	Upper
149	100		
167	25.4	20.7	31.1
279	3.1	2.8	4.2



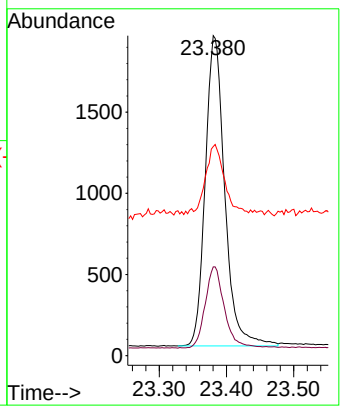


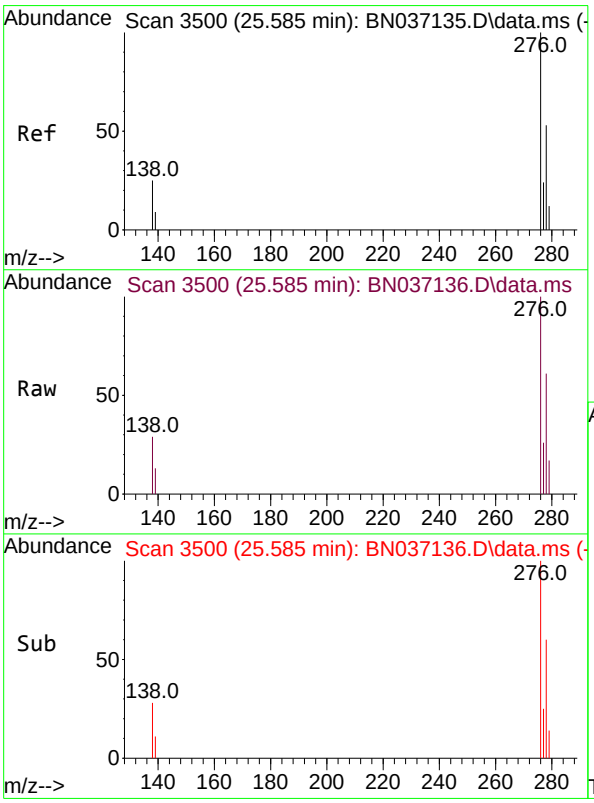
#35
Perylene-d12
Concen: 20.000 ng
RT: 23.380 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN037136.D
Acq: 02 Jun 2025 17:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 3841

Ion	Ratio	Lower	Upper
264	100		
260	27.7	21.4	32.2
265	65.3	51.2	76.8

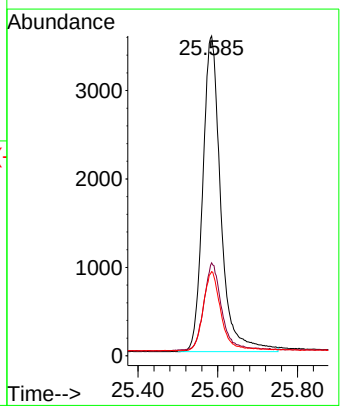


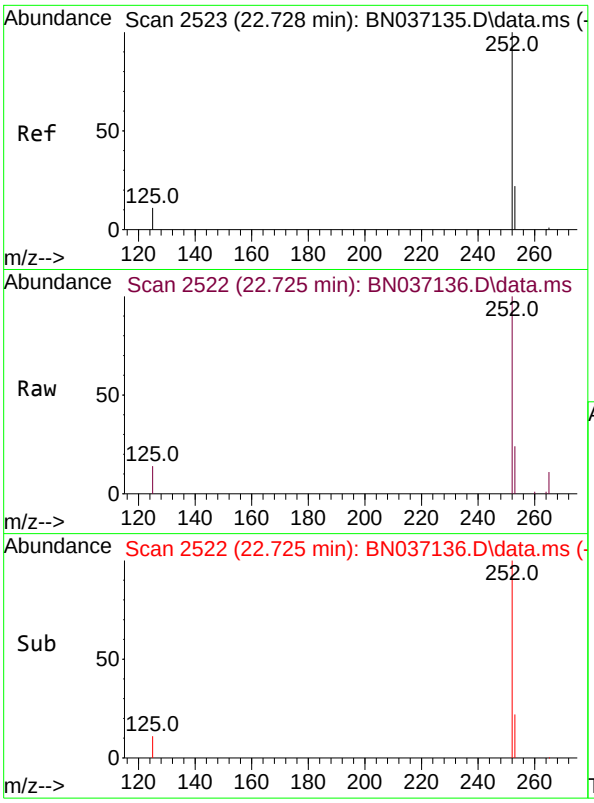


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.794 ng
RT: 25.585 min Scan# 3500
Delta R.T. 0.000 min
Lab File: BN037136.D
Acq: 02 Jun 2025 17:34

Tgt Ion:276 Resp: 11192

Ion	Ratio	Lower	Upper
276	100		
138	26.6	19.5	29.3
277	24.7	19.5	29.3



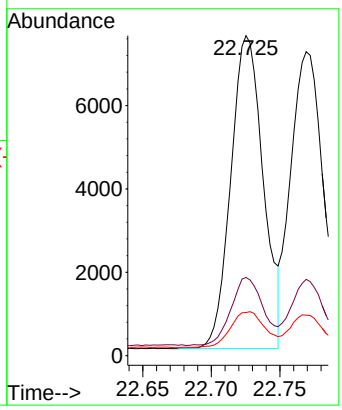


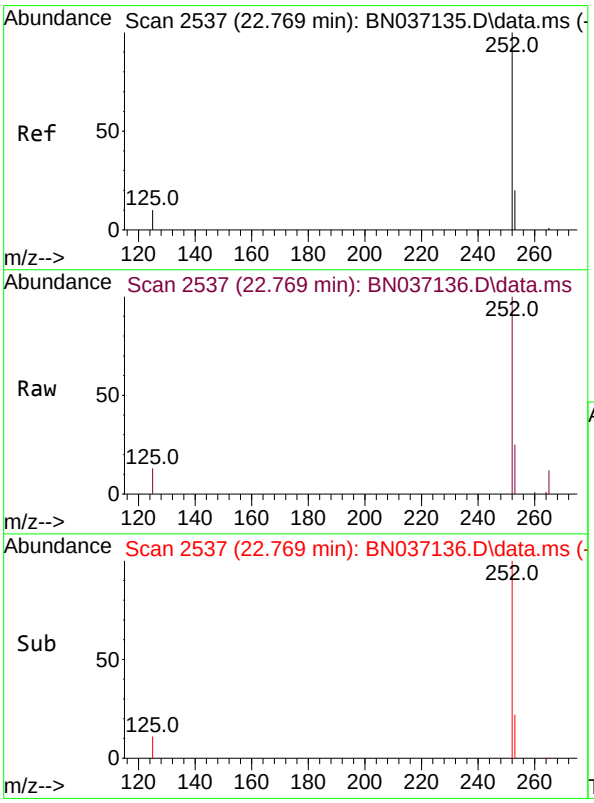
#37
Benzo(b)fluoranthene
Concen: 0.786 ng
RT: 22.725 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN037136.D
Acq: 02 Jun 2025 17:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 12352

Ion	Ratio	Lower	Upper
252	100		
253	24.4	22.6	34.0
125	13.5	13.0	19.6

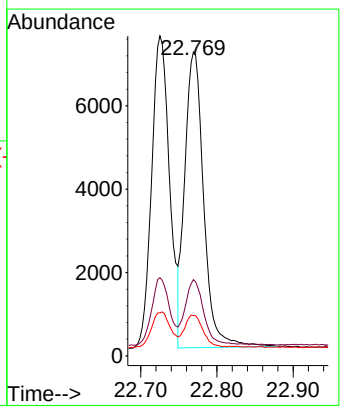


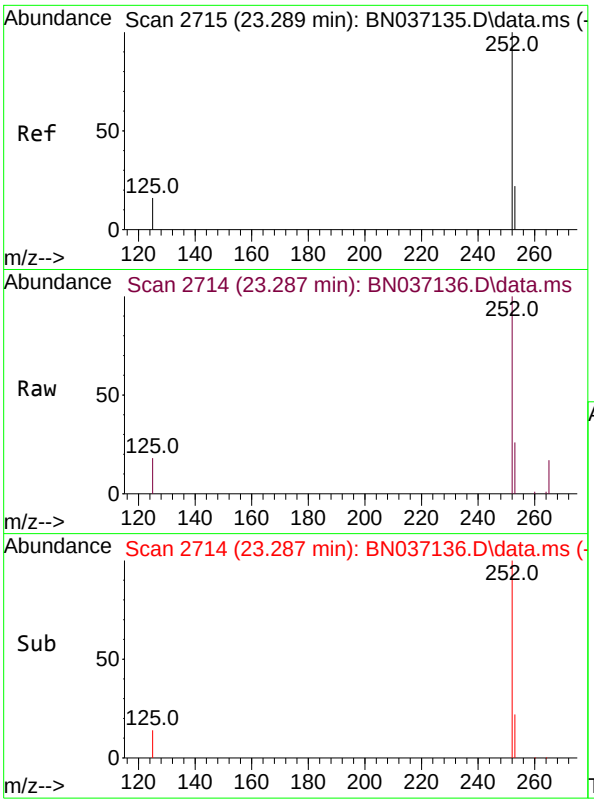


#38
Benzo(k)fluoranthene
Concen: 0.777 ng
RT: 22.769 min Scan# 2537
Delta R.T. 0.000 min
Lab File: BN037136.D
Acq: 02 Jun 2025 17:34

Tgt Ion:252 Resp: 12251

Ion	Ratio	Lower	Upper
252	100		
253	25.1	21.8	32.8
125	13.3	13.2	19.8



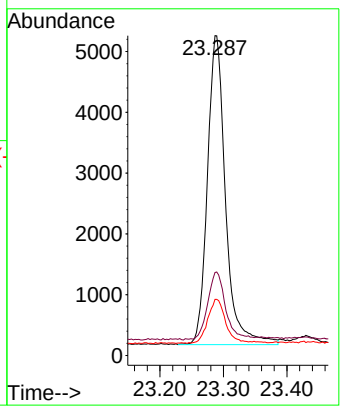


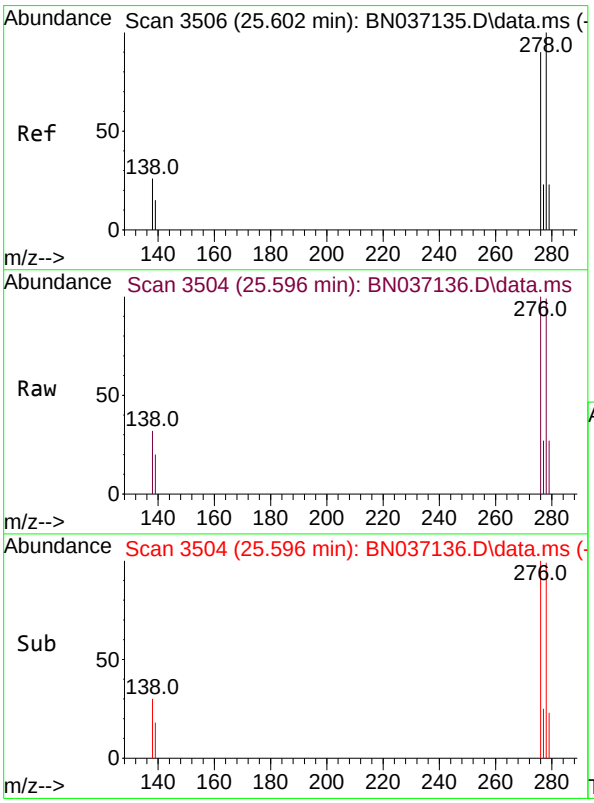
#39
Benzo(a)pyrene
Concen: 0.775 ng
RT: 23.287 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN037136.D
Acq: 02 Jun 2025 17:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 10076

Ion	Ratio	Lower	Upper
252	100		
253	26.0	24.8	37.2
125	17.6	18.7	28.1#

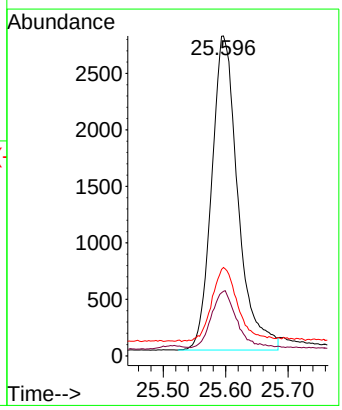


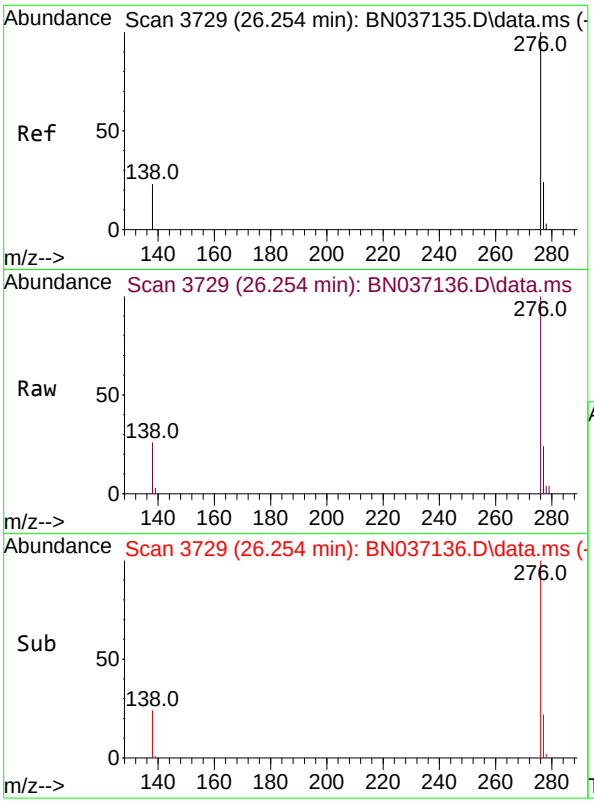


#40
Dibenzo(a,h)anthracene
Concen: 0.770 ng
RT: 25.596 min Scan# 3504
Delta R.T. -0.006 min
Lab File: BN037136.D
Acq: 02 Jun 2025 17:34

Tgt Ion:278 Resp: 8128

Ion	Ratio	Lower	Upper
278	100		
139	20.2	17.2	25.8
279	27.6	26.0	39.0





#41
Benzo(g,h,i)perylene
Concen: 0.796 ng
RT: 26.254 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN037136.D
Acq: 02 Jun 2025 17:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 10019

Ion	Ratio	Lower	Upper
276	100		
277	23.6	21.9	32.9
138	25.8	20.7	31.1