Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062125\
Data File : BN037354.D
Acq On : 20 Jun 2025 17:27
Operator : RC/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Jun 20 23:26:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 20 23:25:11 2025
Response via : Initial Calibration

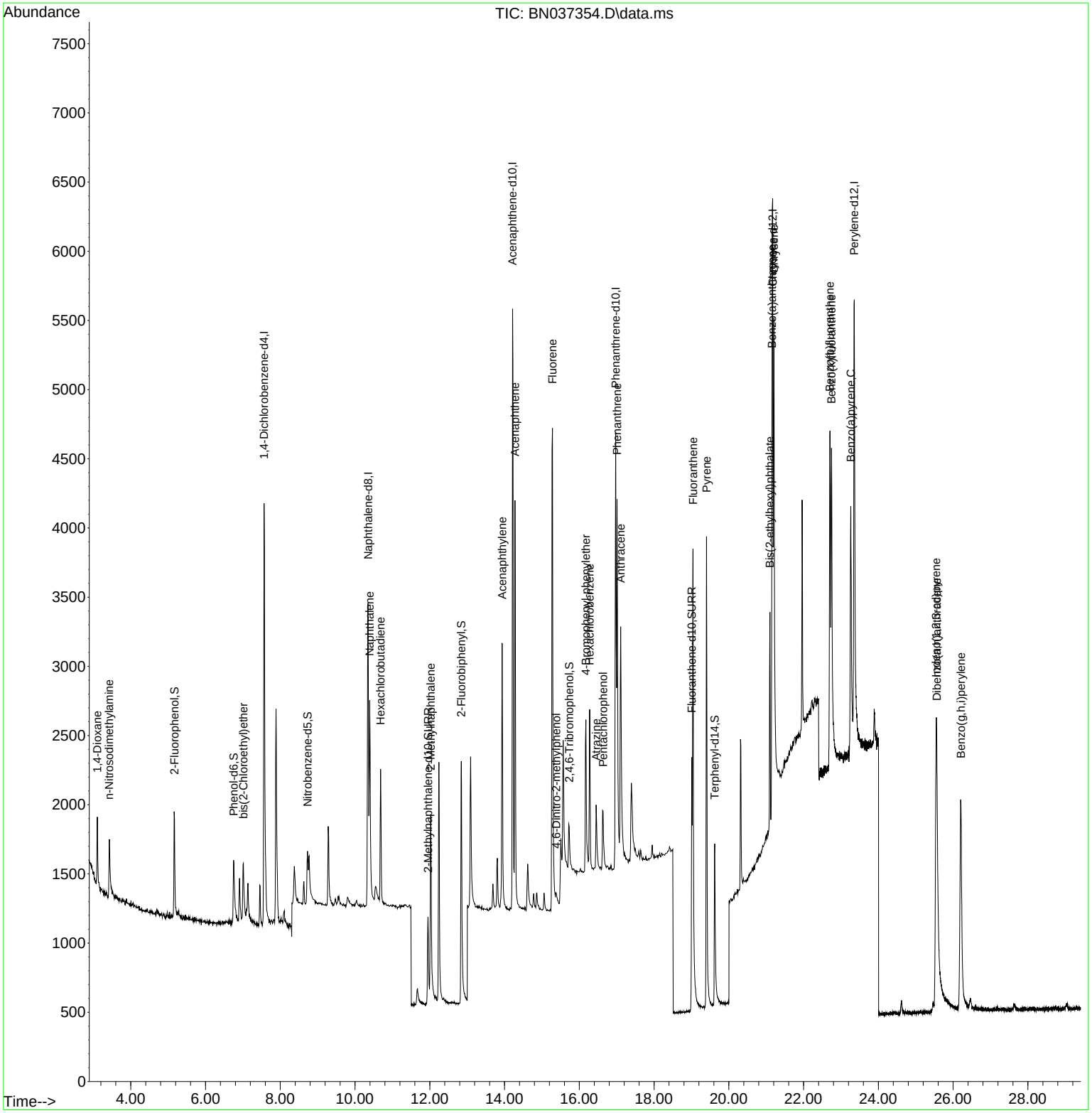
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.568	152	1865	0.400	ng		0.00
7) Naphthalene-d8	10.351	136	3983	0.400	ng		# 0.01
13) Acenaphthene-d10	14.213	164	2790	0.400	ng		0.00
19) Phenanthrene-d10	16.971	188	5628	0.400	ng		0.00
29) Chrysene-d12	21.171	240	4640	0.400	ng		0.00
35) Perylene-d12	23.354	264	4914	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.170	112	763	0.224	ng		0.00
5) Phenol-d6	6.752	99	714	0.212	ng		0.00
8) Nitrobenzene-d5	8.728	82	582	0.176	ng		0.01
11) 2-Methylnaphthalene-d10	11.950	152	1271	0.197	ng		0.00
14) 2,4,6-Tribromophenol	15.730	330	315	0.158	ng		0.01
15) 2-Fluorobiphenyl	12.843	172	2337	0.191	ng		0.00
27) Fluoranthene-d10	19.008	212	3010	0.172	ng		0.00
31) Terphenyl-d14	19.621	244	2114	0.200	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.104	88	472	0.287	ng		98
3) n-Nitrosodimethylamine	3.422	42	366	0.191	ng	#	79
6) bis(2-Chloroethyl)ether	7.012	93	509	0.172	ng		95
9) Naphthalene	10.394	128	2104	0.204	ng		94
10) Hexachlorobutadiene	10.682	225	864	0.171	ng	#	99
12) 2-Methylnaphthalene	12.026	142	1379	0.190	ng		93
16) Acenaphthylene	13.935	152	2282	0.195	ng		97
17) Acenaphthene	14.277	154	1492	0.192	ng		99
18) Fluorene	15.282	166	2051	0.186	ng		100
20) 4,6-Dinitro-2-methylph...	15.378	198	196	0.115	ng	#	68
21) 4-Bromophenyl-phenylether	16.177	248	750	0.163	ng		96
22) Hexachlorobenzene	16.276	284	898	0.187	ng		98
23) Atrazine	16.450	200	604	0.168	ng		96
24) Pentachlorophenol	16.636	266	369	0.140	ng		97
25) Phenanthrene	17.009	178	3024	0.190	ng		98
26) Anthracene	17.108	178	2769	0.186	ng		97
28) Fluoranthene	19.040	202	3780	0.174	ng	#	98
30) Pyrene	19.402	202	3921	0.221	ng		99
32) Benzo(a)anthracene	21.153	228	2710	0.181	ng		98
33) Chrysene	21.206	228	3959	0.208	ng		99
34) Bis(2-ethylhexyl)phtha...	21.099	149	1406	0.229	ng		98
36) Indeno(1,2,3-cd)pyrene	25.547	276	4213	0.202	ng	#	95
37) Benzo(b)fluoranthene	22.702	252	3390	0.195	ng	#	90
38) Benzo(k)fluoranthene	22.746	252	3913	0.207	ng	#	90
39) Benzo(a)pyrene	23.260	252	3070	0.193	ng	#	79
40) Dibenzo(a,h)anthracene	25.564	278	2911	0.175	ng	#	93
41) Benzo(g,h,i)perylene	26.207	276	3819	0.200	ng	#	96

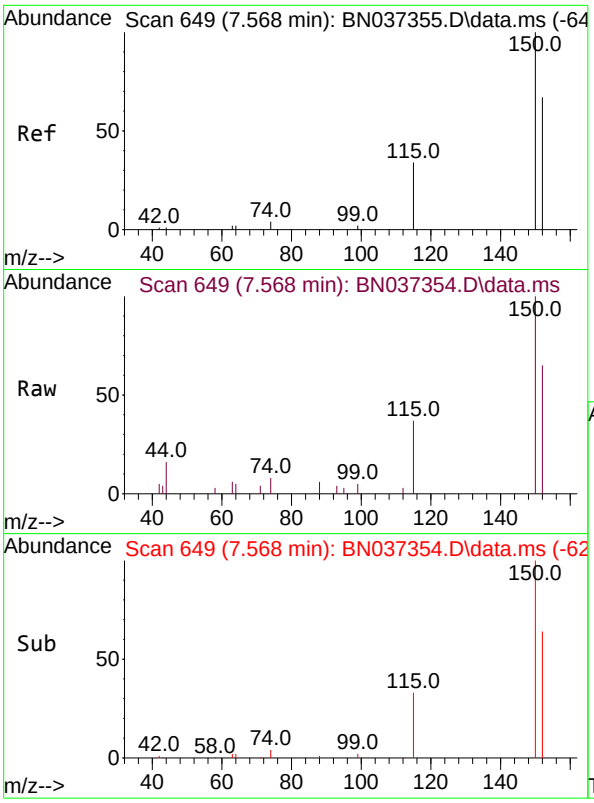
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062125\
Data File : BN037354.D
Acq On : 20 Jun 2025 17:27
Operator : RC/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Jun 20 23:26:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 20 23:25:11 2025
Response via : Initial Calibration



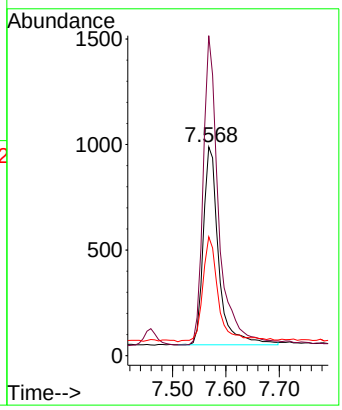


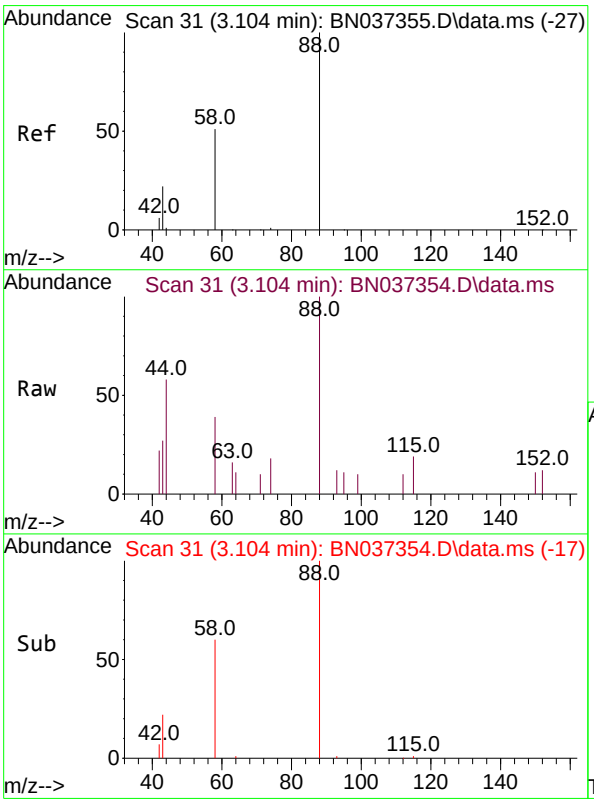
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.568 min Scan# 64
Delta R.T. -0.000 min
Lab File: BN037354.D
Acq: 20 Jun 2025 17:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 1865

Ion	Ratio	Lower	Upper
152	100		
150	153.3	112.7	169.1
115	56.9	45.9	68.9

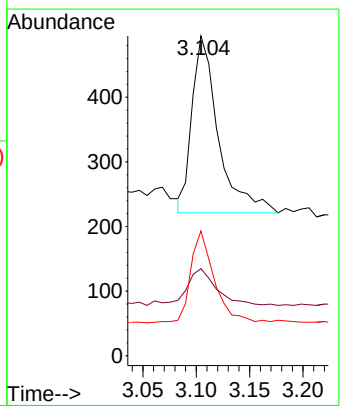


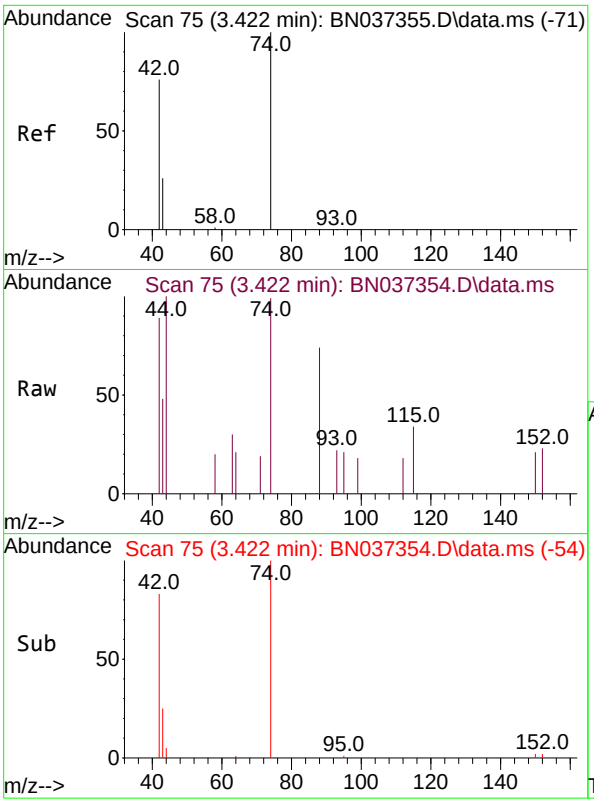


#2
1,4-Dioxane
Concen: 0.287 ng
RT: 3.104 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN037354.D
Acq: 20 Jun 2025 17:27

Tgt Ion: 88 Resp: 472

Ion	Ratio	Lower	Upper
88	100		
43	23.9	21.0	31.6
58	46.8	38.0	57.0



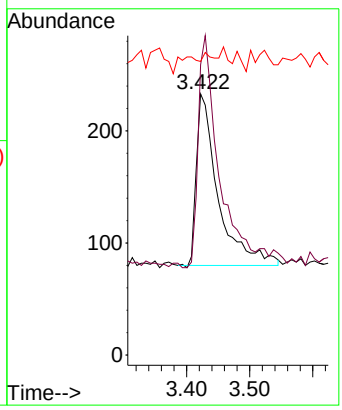


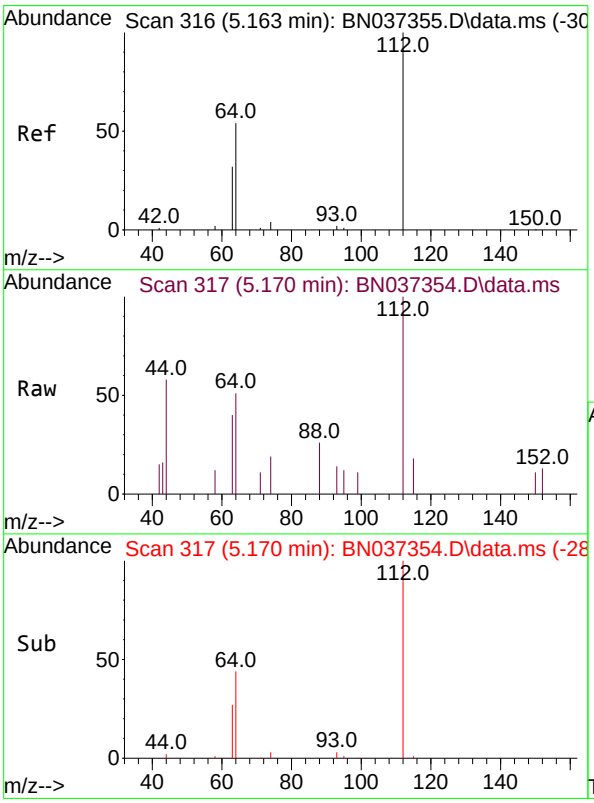
#3
n-Nitrosodimethylamine
Concen: 0.191 ng
RT: 3.422 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN037354.D
Acq: 20 Jun 2025 17:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 366

Ion	Ratio	Lower	Upper
42	100		
74	128.1	84.3	126.5#
44	2.5	5.0	7.4#

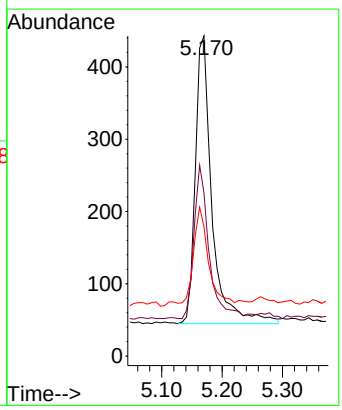


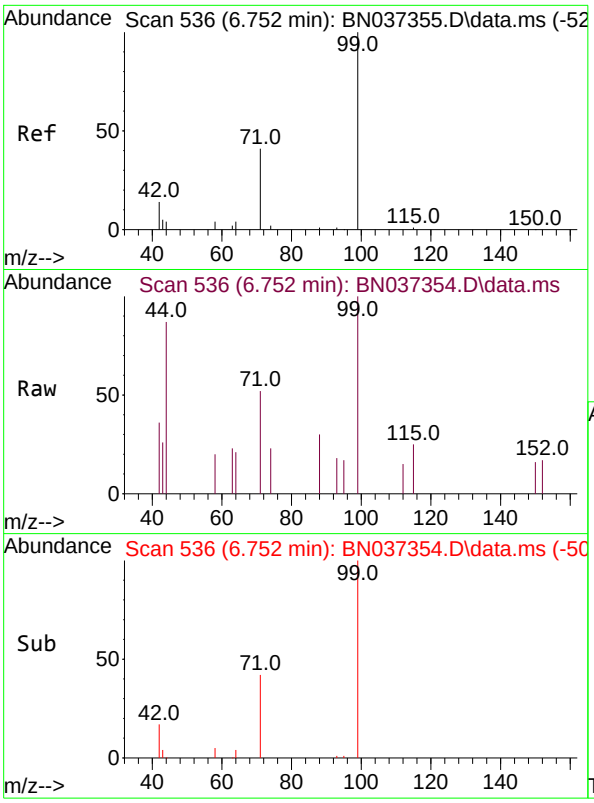


#4
2-Fluorophenol
Concen: 0.224 ng
RT: 5.170 min Scan# 317
Delta R.T. 0.007 min
Lab File: BN037354.D
Acq: 20 Jun 2025 17:27

Tgt Ion:112 Resp: 763

Ion	Ratio	Lower	Upper
112	100		
64	48.2	38.7	58.1
63	32.4	26.4	39.6



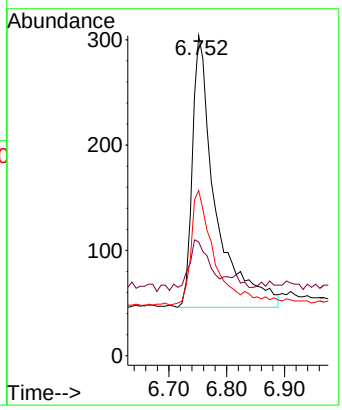


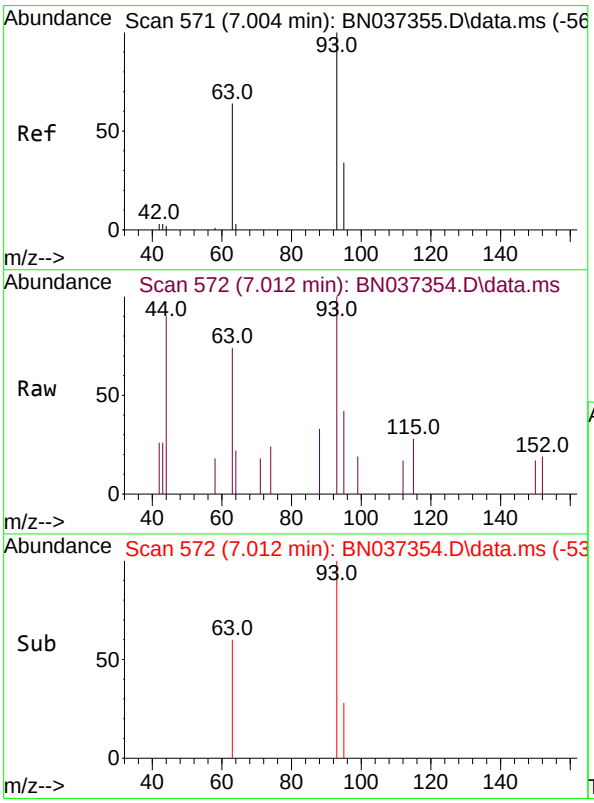
#5
Phenol-d6
Concen: 0.212 ng
RT: 6.752 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN037354.D
Acq: 20 Jun 2025 17:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 714

Ion	Ratio	Lower	Upper
99	100		
42	16.2	19.8	29.8#
71	44.0	42.6	64.0

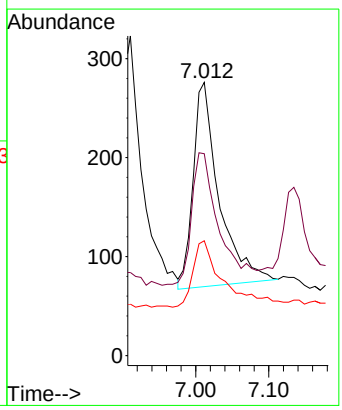


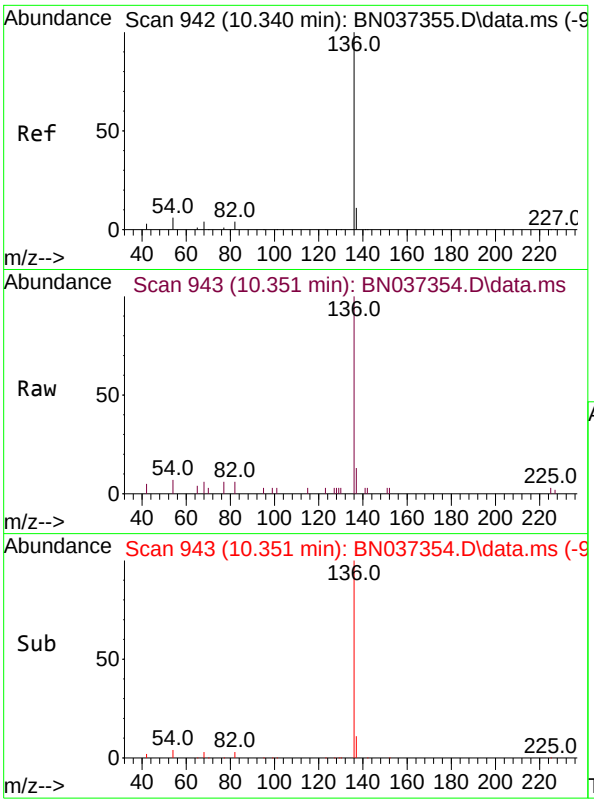


#6
bis(2-Chloroethyl)ether
Concen: 0.172 ng
RT: 7.012 min Scan# 572
Delta R.T. 0.007 min
Lab File: BN037354.D
Acq: 20 Jun 2025 17:27

Tgt Ion: 93 Resp: 509

Ion	Ratio	Lower	Upper
93	100		
63	69.4	53.2	79.8
95	38.3	27.3	40.9



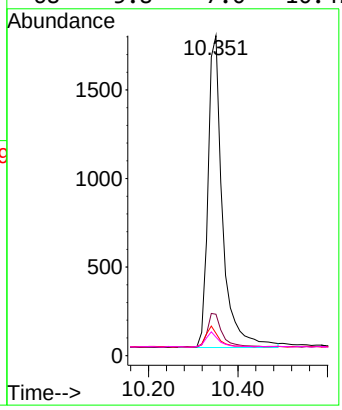


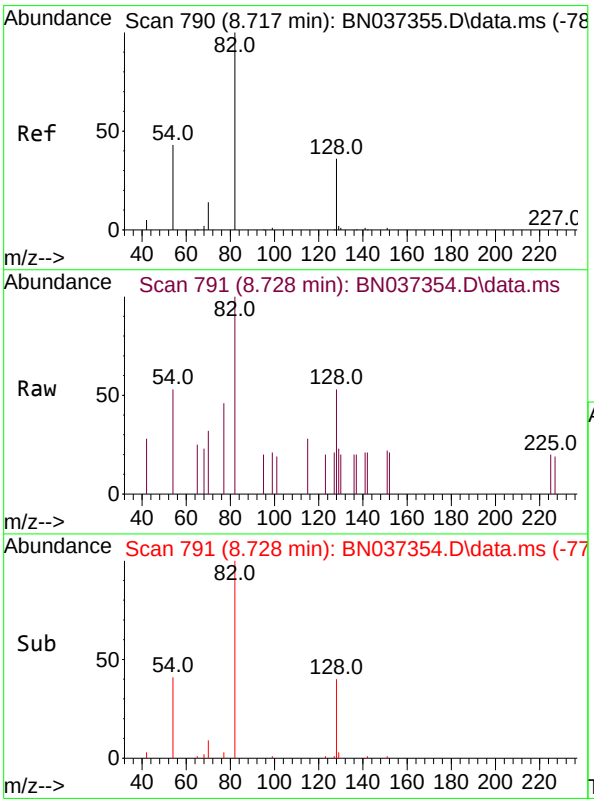
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.351 min Scan# 94
Delta R.T. 0.011 min
Lab File: BN037354.D
Acq: 20 Jun 2025 17:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 3983

Ion	Ratio	Lower	Upper
136	100		
137	12.9	12.2	18.2
54	7.0	8.8	13.2#
68	5.8	7.0	10.4#

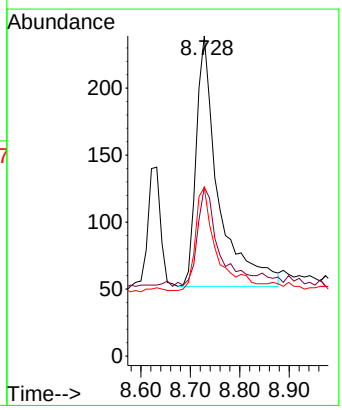


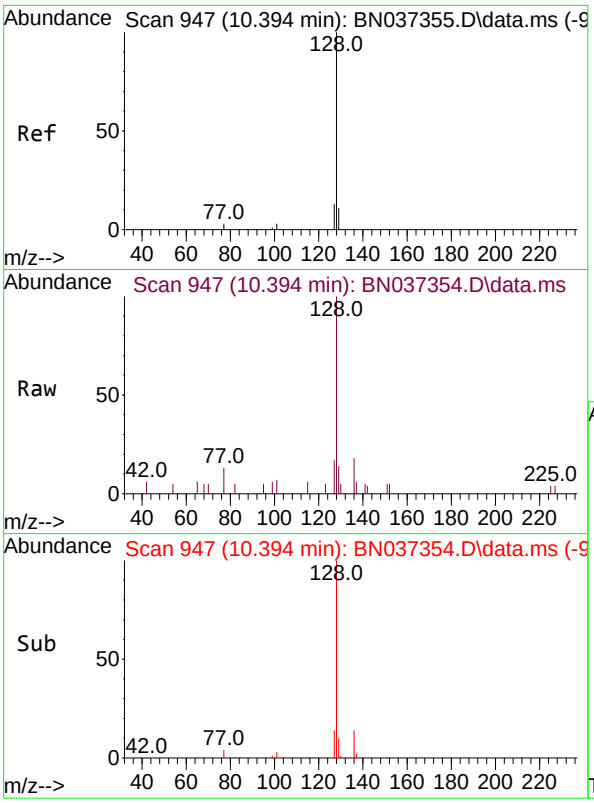


#8
Nitrobenzene-d5
Concen: 0.176 ng
RT: 8.728 min Scan# 791
Delta R.T. 0.011 min
Lab File: BN037354.D
Acq: 20 Jun 2025 17:27

Tgt Ion: 82 Resp: 582

Ion	Ratio	Lower	Upper
82	100		
128	52.7	42.5	63.7
54	52.7	43.2	64.8



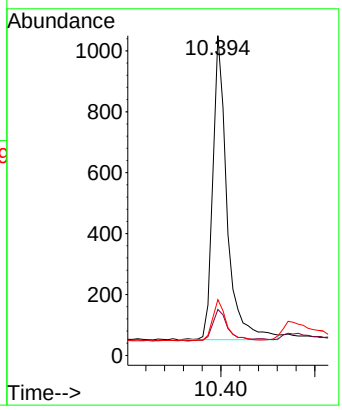


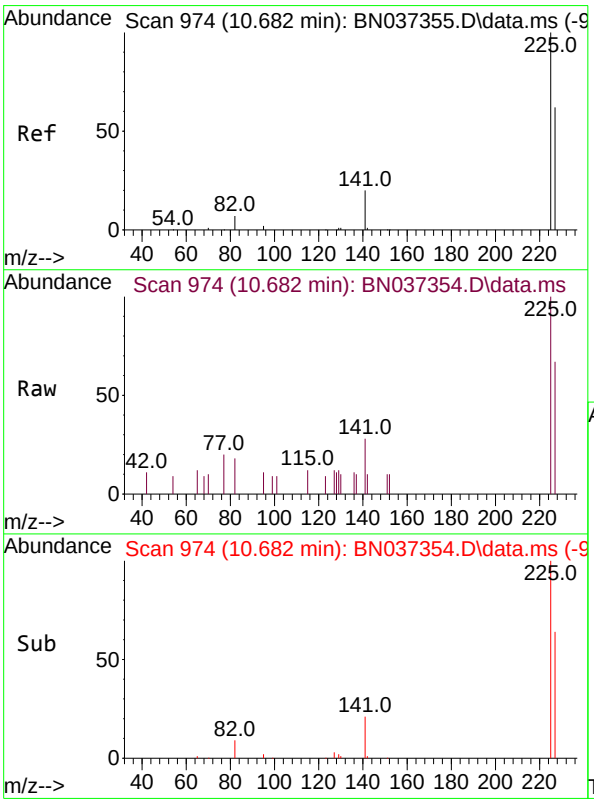
#9
Naphthalene
Concen: 0.204 ng
RT: 10.394 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN037354.D
Acq: 20 Jun 2025 17:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 2104

Ion	Ratio	Lower	Upper
128	100		
129	14.4	14.0	21.0
127	17.4	15.8	23.8

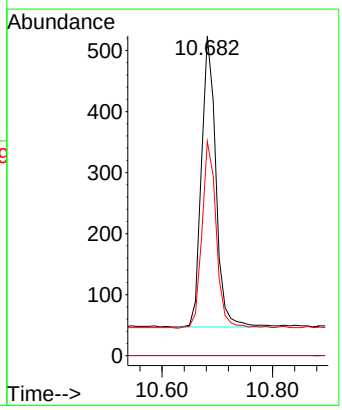


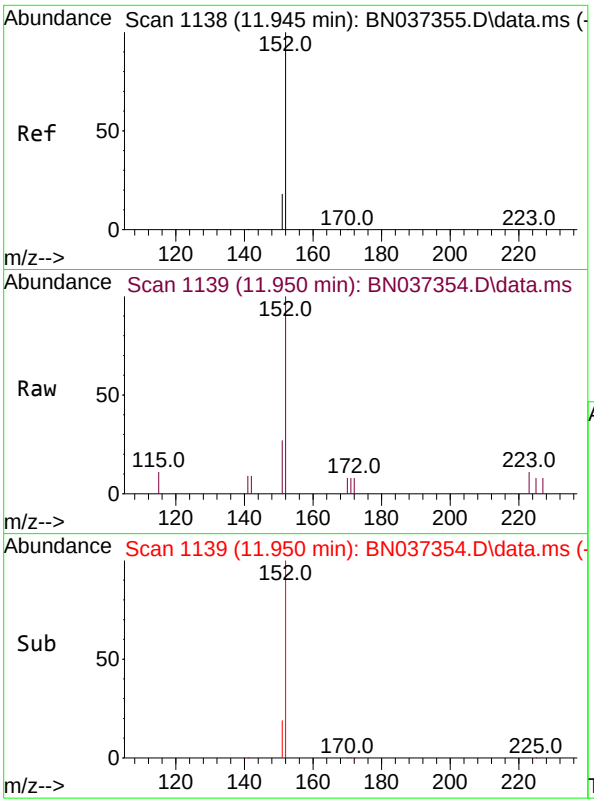


#10
Hexachlorobutadiene
Concen: 0.171 ng
RT: 10.682 min Scan# 974
Delta R.T. -0.000 min
Lab File: BN037354.D
Acq: 20 Jun 2025 17:27

Tgt Ion:225 Resp: 864

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	50.3	75.5



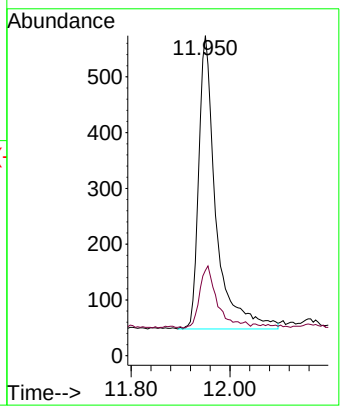


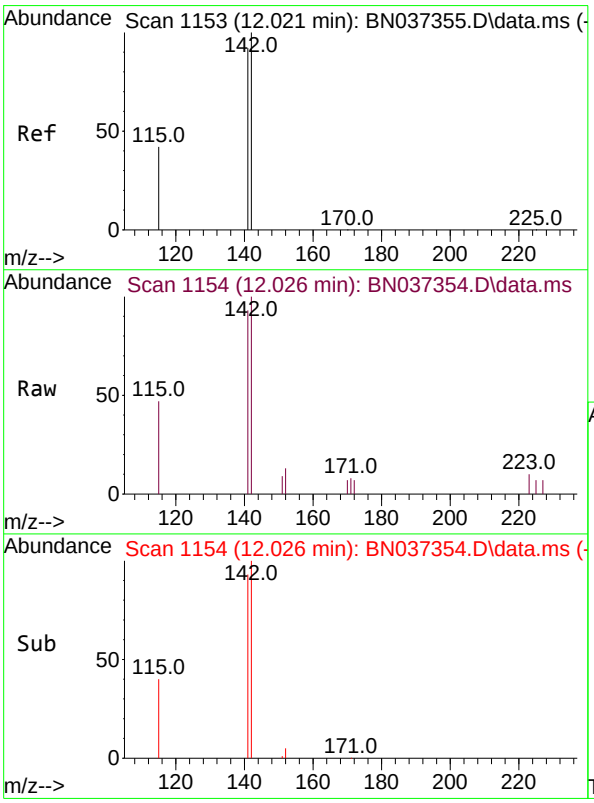
#11
2-Methylnaphthalene-d10
Concen: 0.197 ng
RT: 11.950 min Scan# 11
Delta R.T. 0.005 min
Lab File: BN037354.D
Acq: 20 Jun 2025 17:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 1271

Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.4	26.0

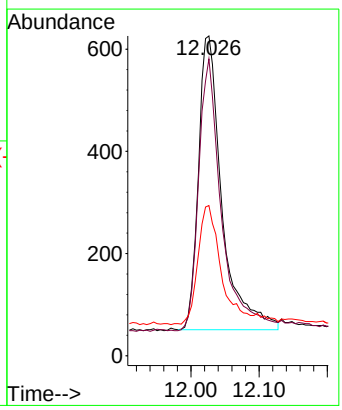


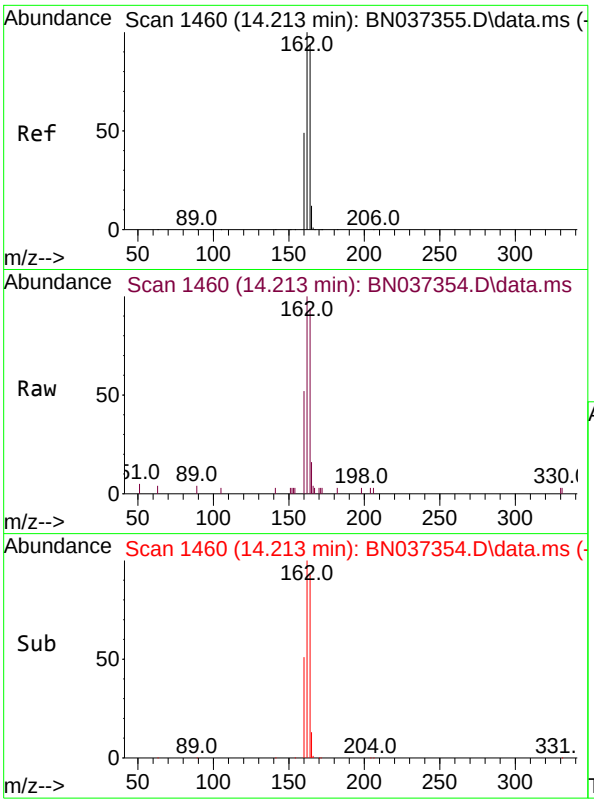


#12
2-Methylnaphthalene
Concen: 0.190 ng
RT: 12.026 min Scan# 1154
Delta R.T. 0.005 min
Lab File: BN037354.D
Acq: 20 Jun 2025 17:27

Tgt Ion:142 Resp: 1379

Ion	Ratio	Lower	Upper
142	100		
141	92.8	70.2	105.2
115	47.0	43.0	64.4



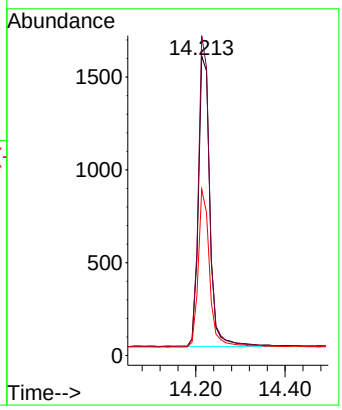


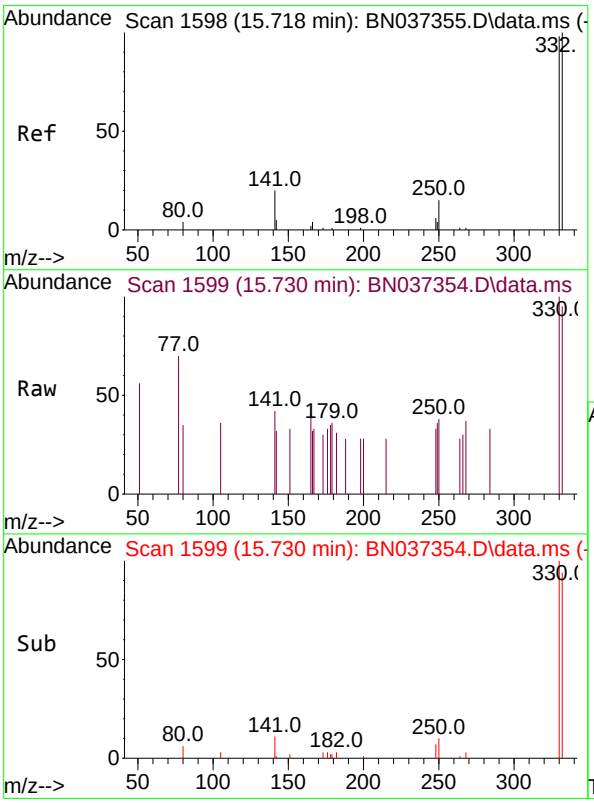
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.213 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN037354.D
Acq: 20 Jun 2025 17:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 2790

Ion	Ratio	Lower	Upper
164	100		
162	106.9	81.5	122.3
160	55.5	43.0	64.4

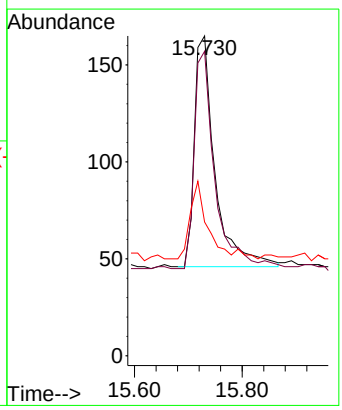


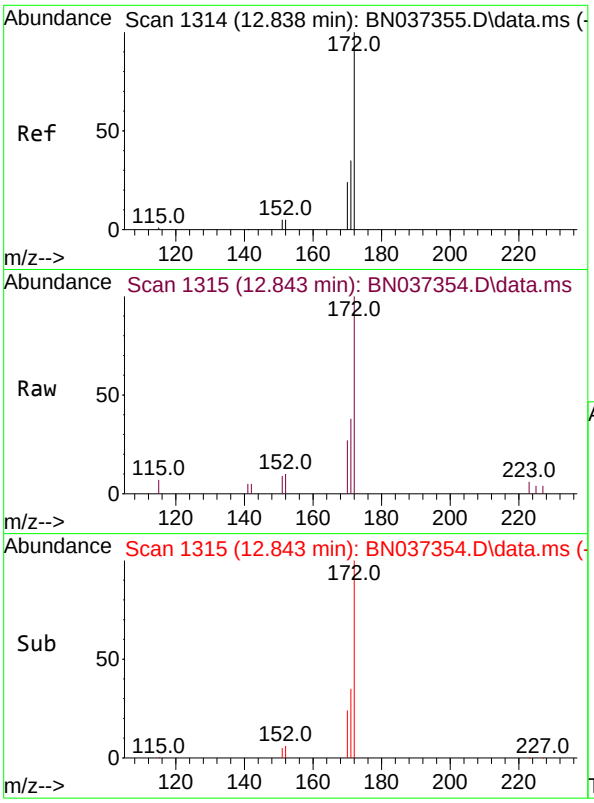


#14
2,4,6-Tribromophenol
Concen: 0.158 ng
RT: 15.730 min Scan# 1599
Delta R.T. 0.012 min
Lab File: BN037354.D
Acq: 20 Jun 2025 17:27

Tgt Ion:330 Resp: 315

Ion	Ratio	Lower	Upper
330	100		
332	94.6	78.4	117.6
141	31.1	24.4	36.6



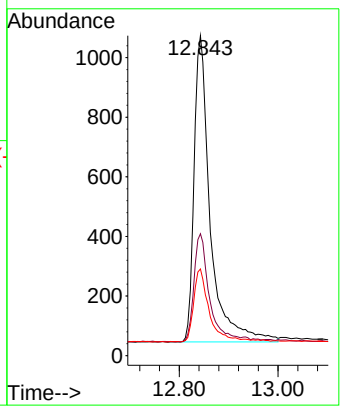


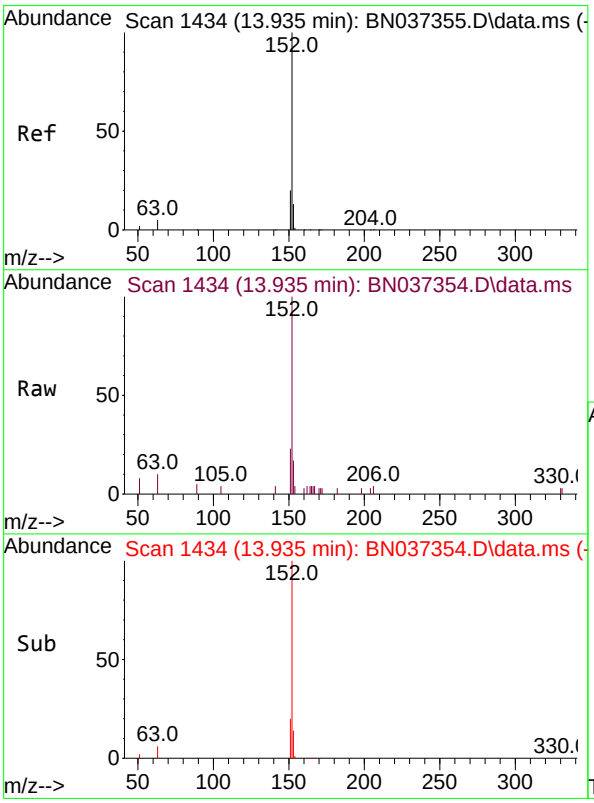
#15
2-Fluorobiphenyl
Concen: 0.191 ng
RT: 12.843 min Scan# 1
Delta R.T. 0.005 min
Lab File: BN037354.D
Acq: 20 Jun 2025 17:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 2337

Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.8	46.2
170	27.1	21.9	32.9

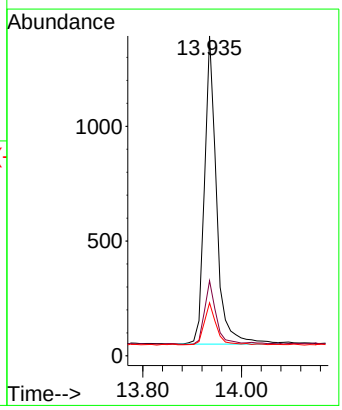


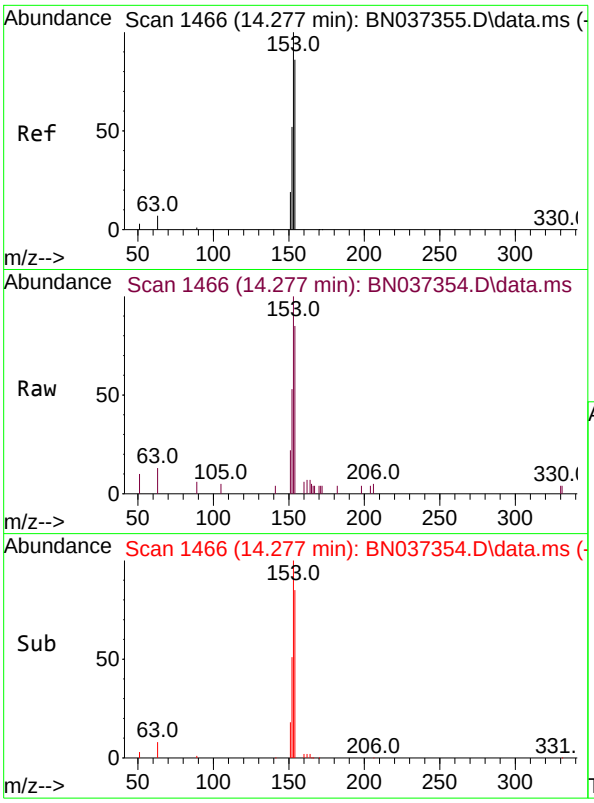


#16
Acenaphthylene
Concen: 0.195 ng
RT: 13.935 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BN037354.D
Acq: 20 Jun 2025 17:27

Tgt Ion:152 Resp: 2282

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.6	24.8
153	14.1	10.2	15.2



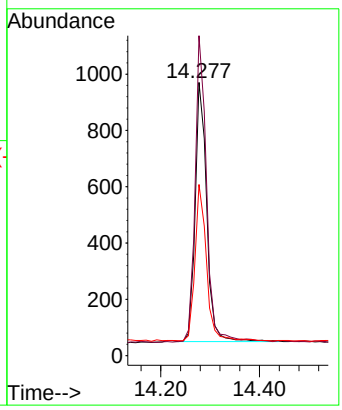


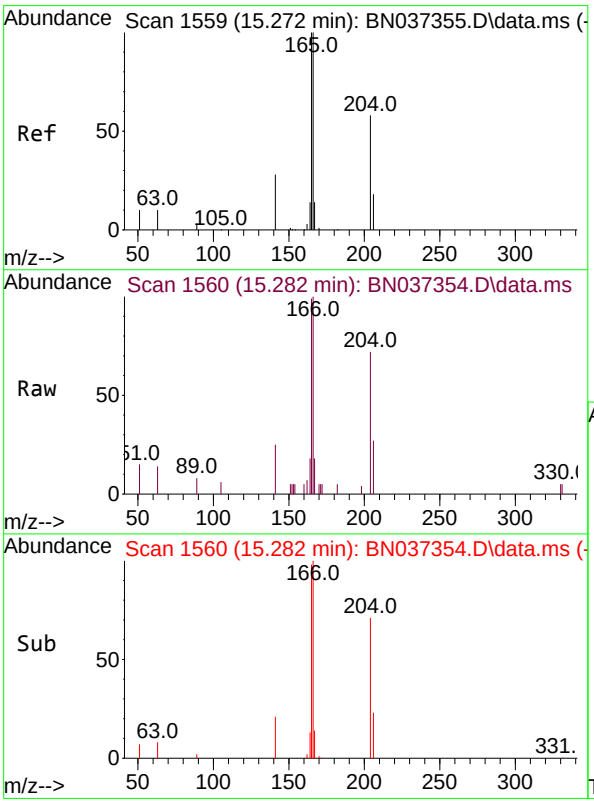
#17
Acenaphthene
Concen: 0.192 ng
RT: 14.277 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN037354.D
Acq: 20 Jun 2025 17:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 1492

Ion	Ratio	Lower	Upper
154	100		
153	118.3	93.1	139.7
152	60.7	48.6	73.0

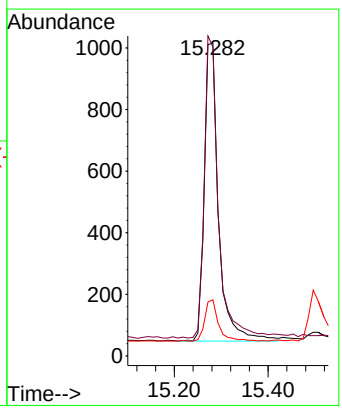


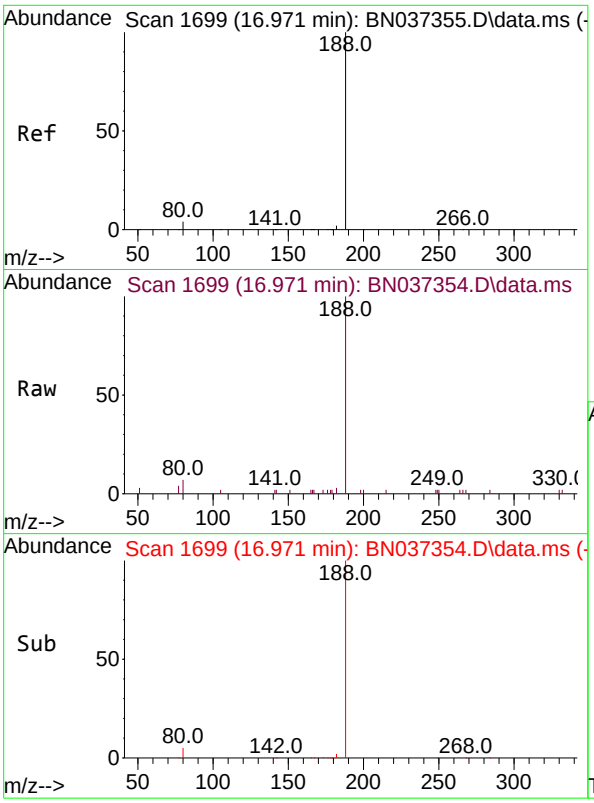


#18
Fluorene
Concen: 0.186 ng
RT: 15.282 min Scan# 1560
Delta R.T. 0.011 min
Lab File: BN037354.D
Acq: 20 Jun 2025 17:27

Tgt Ion:166 Resp: 2051

Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.5	119.3
167	13.3	10.7	16.1



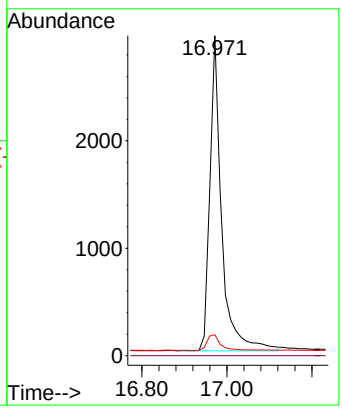


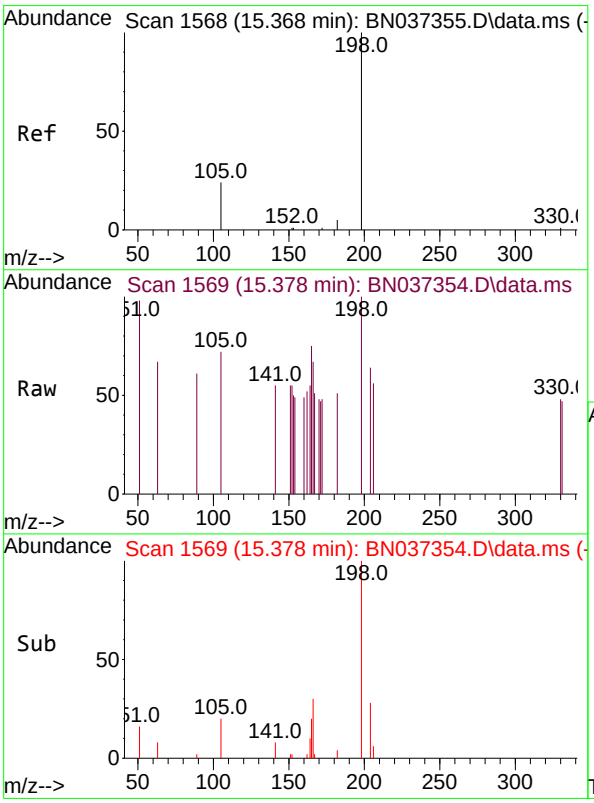
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.971 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037354.D
Acq: 20 Jun 2025 17:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 5628

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.5	6.2	9.2

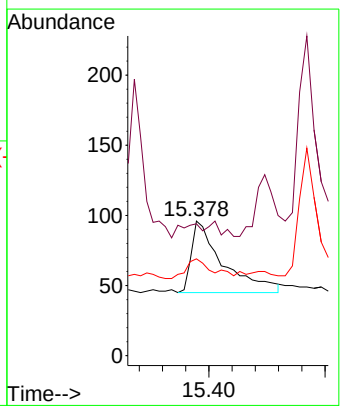


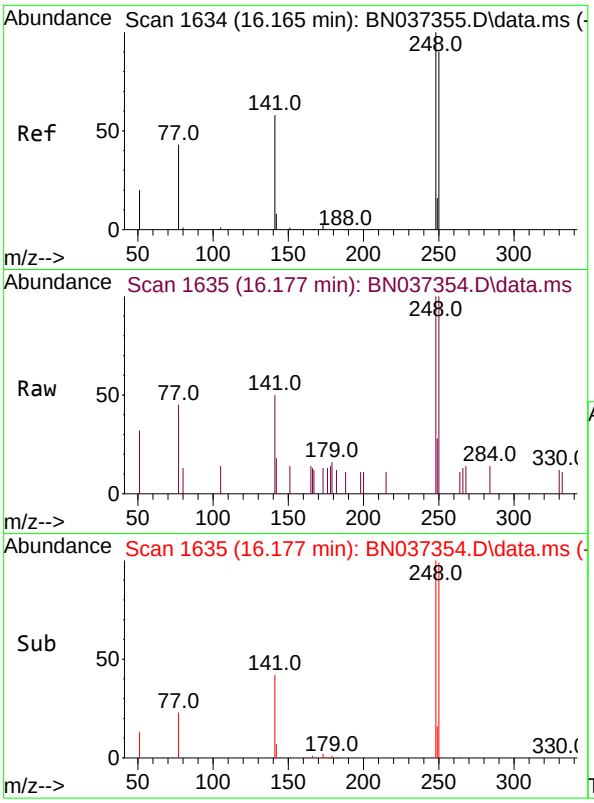


#20
4,6-Dinitro-2-methylphenol
Concen: 0.115 ng
RT: 15.378 min Scan# 1569
Delta R.T. 0.011 min
Lab File: BN037354.D
Acq: 20 Jun 2025 17:27

Tgt Ion:198 Resp: 196

Ion	Ratio	Lower	Upper
198	100		
51	97.9	51.4	77.0#
105	71.9	45.5	68.3#



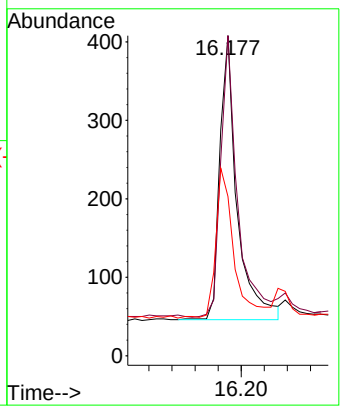


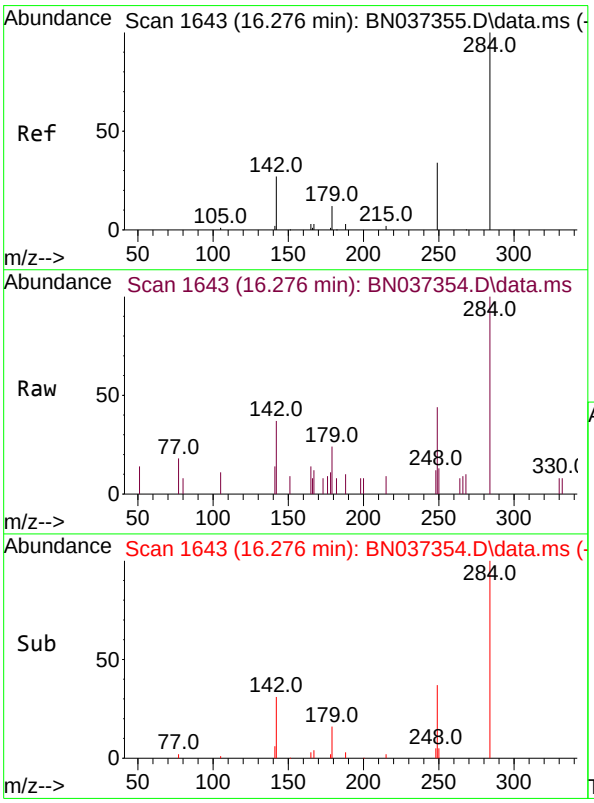
#21
4-Bromophenyl-phenylether
Concen: 0.163 ng
RT: 16.177 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN037354.D
Acq: 20 Jun 2025 17:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:248 Resp: 750

Ion	Ratio	Lower	Upper
248	100		
250	100.0	80.4	120.6
141	49.8	33.3	49.9

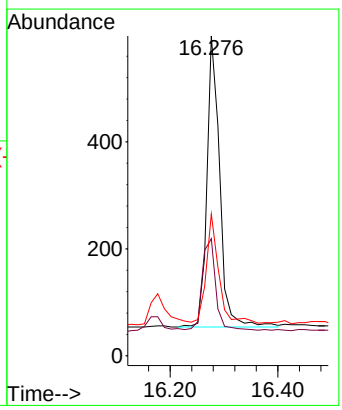


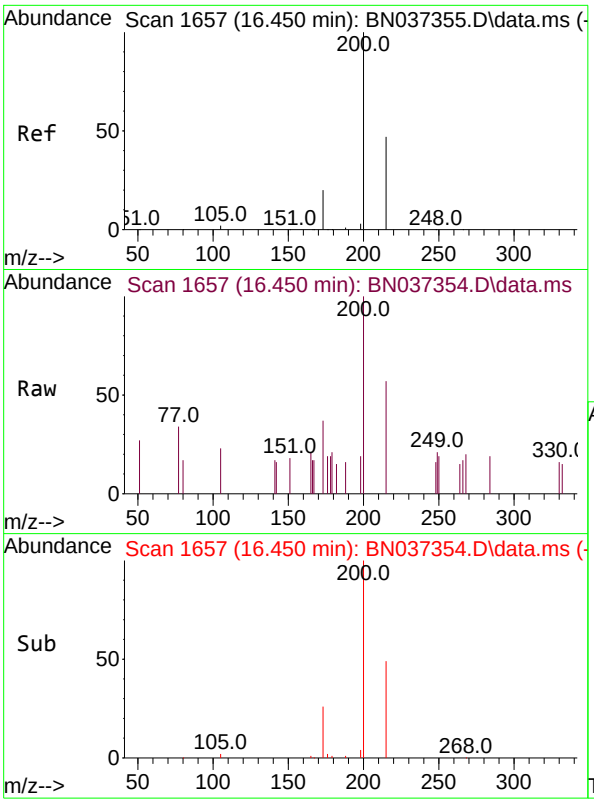


#22
Hexachlorobenzene
Concen: 0.187 ng
RT: 16.276 min Scan# 1643
Delta R.T. -0.000 min
Lab File: BN037354.D
Acq: 20 Jun 2025 17:27

Tgt Ion:284 Resp: 898

Ion	Ratio	Lower	Upper
284	100		
142	33.4	27.0	40.6
249	37.8	28.8	43.2



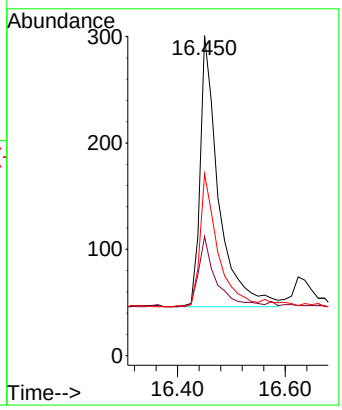


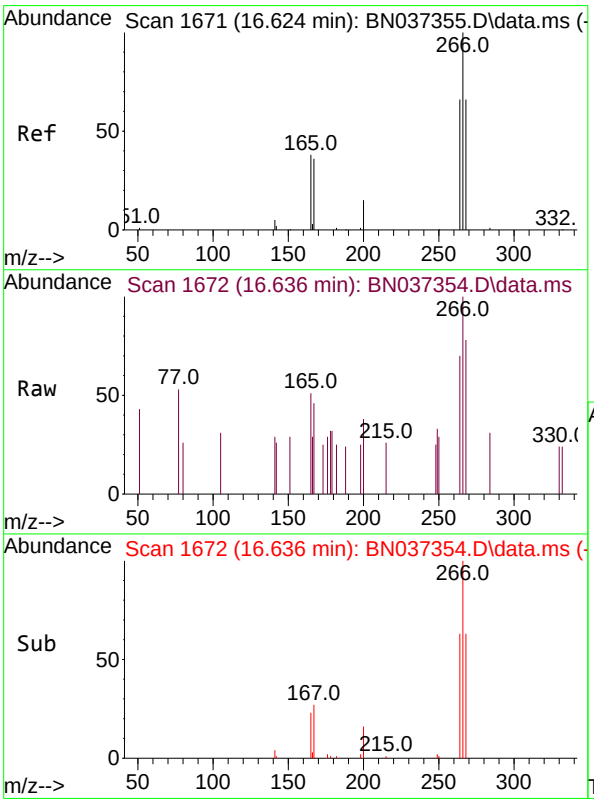
#23
Atrazine
Concen: 0.168 ng
RT: 16.450 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037354.D
Acq: 20 Jun 2025 17:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:200 Resp: 604

Ion	Ratio	Lower	Upper
200	100		
173	37.2	29.2	43.8
215	56.8	48.8	73.2

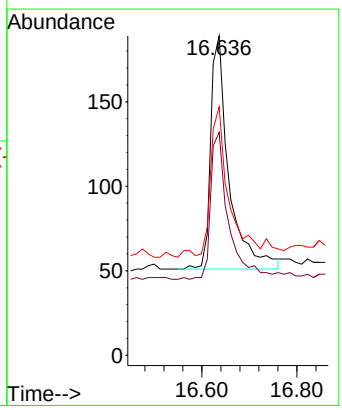


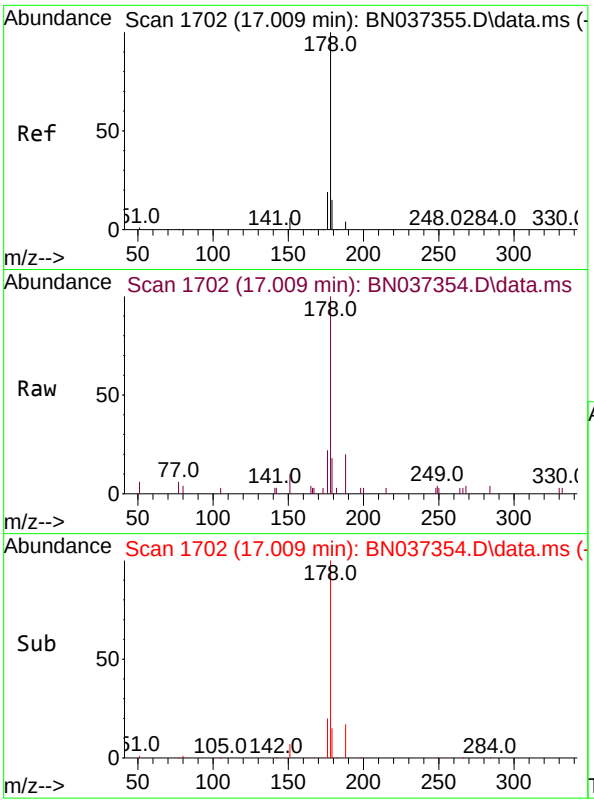


#24
Pentachlorophenol
Concen: 0.140 ng
RT: 16.636 min Scan# 1672
Delta R.T. 0.012 min
Lab File: BN037354.D
Acq: 20 Jun 2025 17:27

Tgt Ion:266 Resp: 369

Ion	Ratio	Lower	Upper
266	100		
264	61.2	50.3	75.5
268	65.3	55.3	82.9



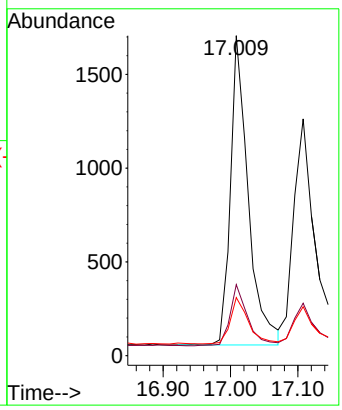


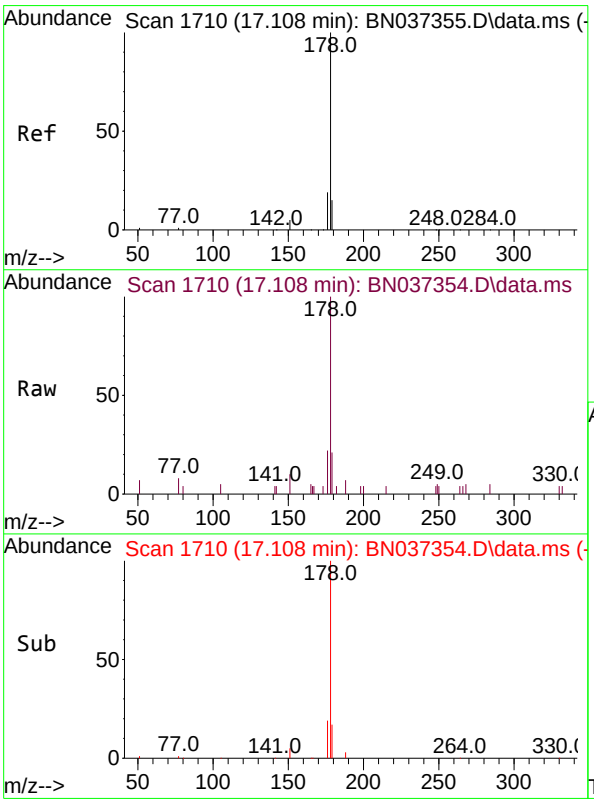
#25
Phenanthrene
Concen: 0.190 ng
RT: 17.009 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037354.D
Acq: 20 Jun 2025 17:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 3024

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.2	22.8
179	15.3	12.9	19.3

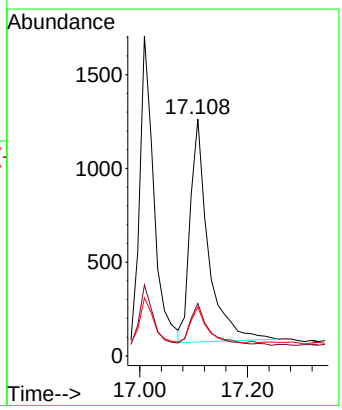


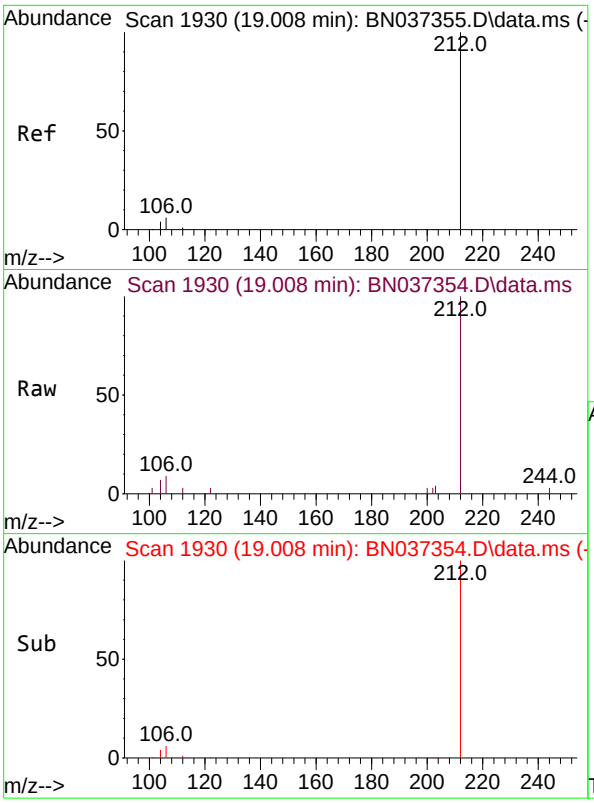


#26
Anthracene
Concen: 0.186 ng
RT: 17.108 min Scan# 1710
Delta R.T. -0.000 min
Lab File: BN037354.D
Acq: 20 Jun 2025 17:27

Tgt Ion:178 Resp: 2769

Ion	Ratio	Lower	Upper
178	100		
176	19.7	14.7	22.1
179	15.0	13.0	19.6



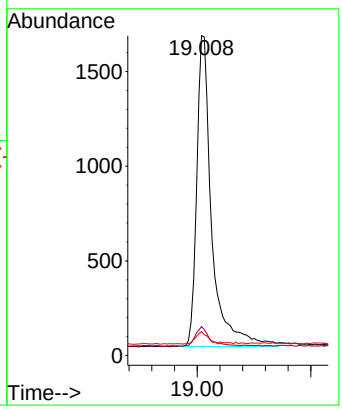


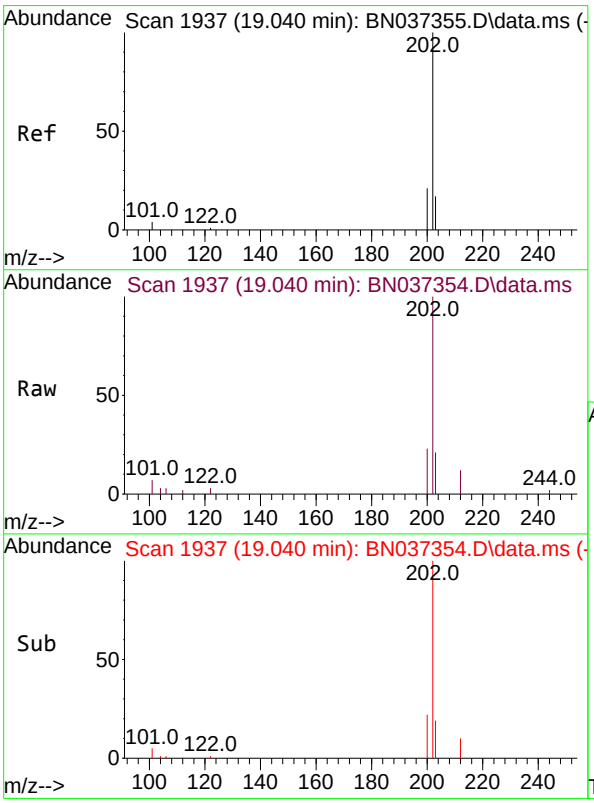
#27
Fluoranthene-d10
Concen: 0.172 ng
RT: 19.008 min Scan# 19
Delta R.T. -0.000 min
Lab File: BN037354.D
Acq: 20 Jun 2025 17:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 3010

Ion	Ratio	Lower	Upper
212	100		
106	6.0	3.0	4.4#
104	3.2	2.0	3.0#

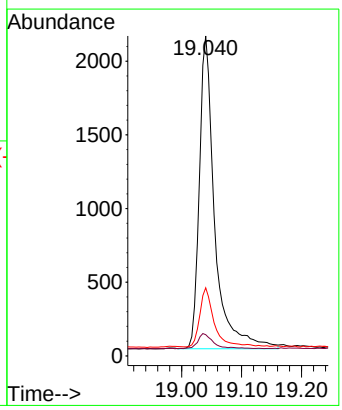


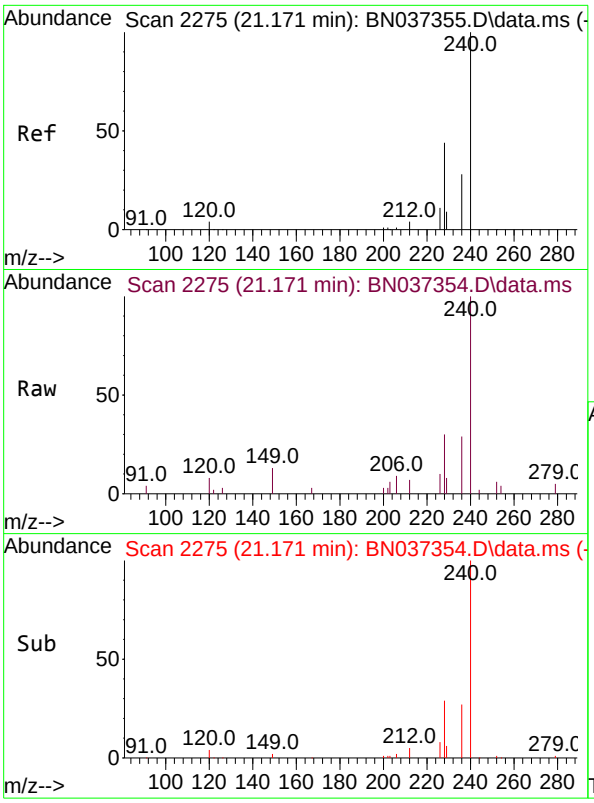


#28
Fluoranthene
Concen: 0.174 ng
RT: 19.040 min Scan# 1937
Delta R.T. -0.000 min
Lab File: BN037354.D
Acq: 20 Jun 2025 17:27

Tgt Ion:202 Resp: 3780

Ion	Ratio	Lower	Upper
202	100		
101	4.7	3.0	4.6#
203	17.8	13.7	20.5



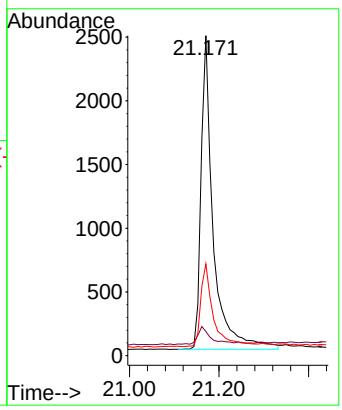


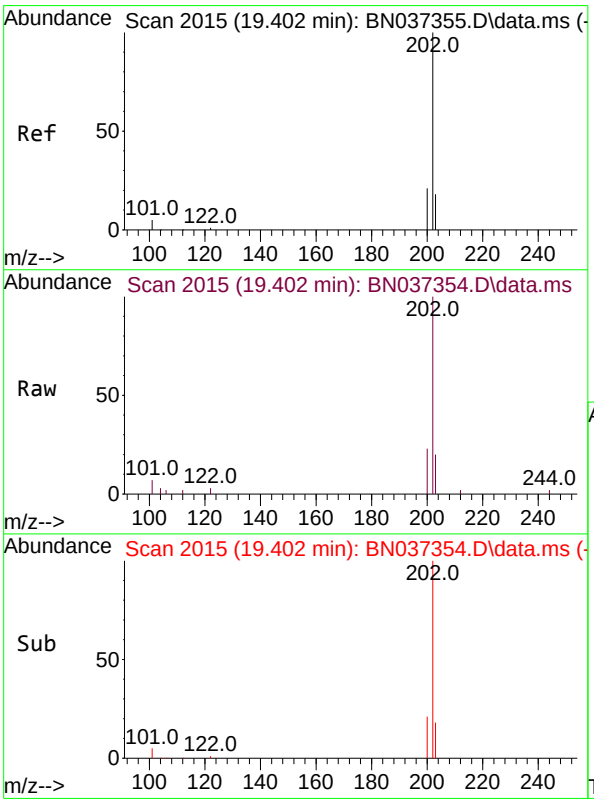
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.171 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037354.D
Acq: 20 Jun 2025 17:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 4640

Ion	Ratio	Lower	Upper
240	100		
120	7.5	7.5	11.3
236	28.7	24.9	37.3

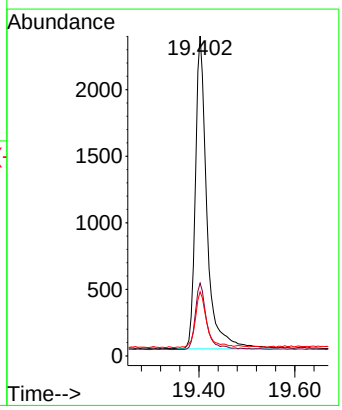


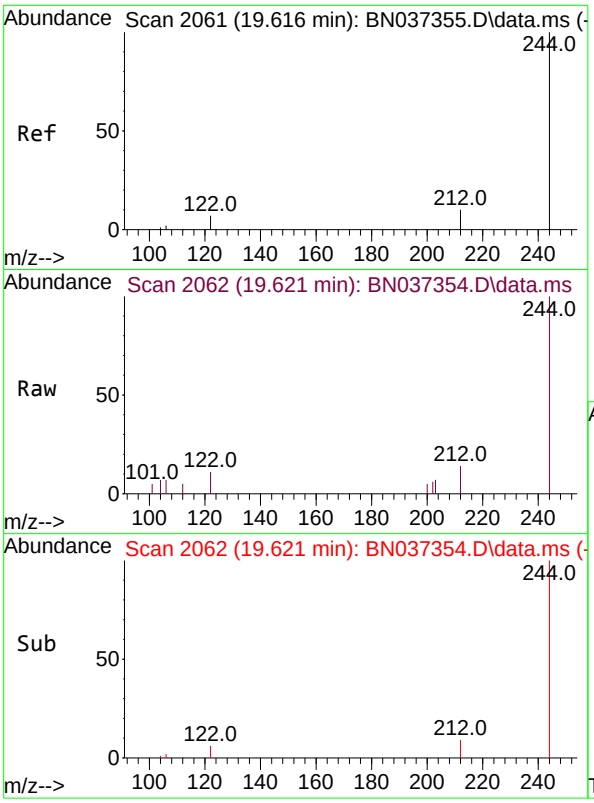


#30
Pyrene
Concen: 0.221 ng
RT: 19.402 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BN037354.D
Acq: 20 Jun 2025 17:27

Tgt Ion:202 Resp: 3921

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.8	25.2
203	17.9	14.5	21.7



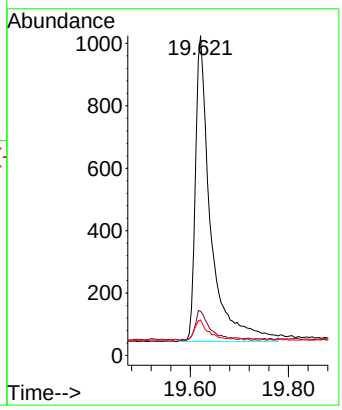


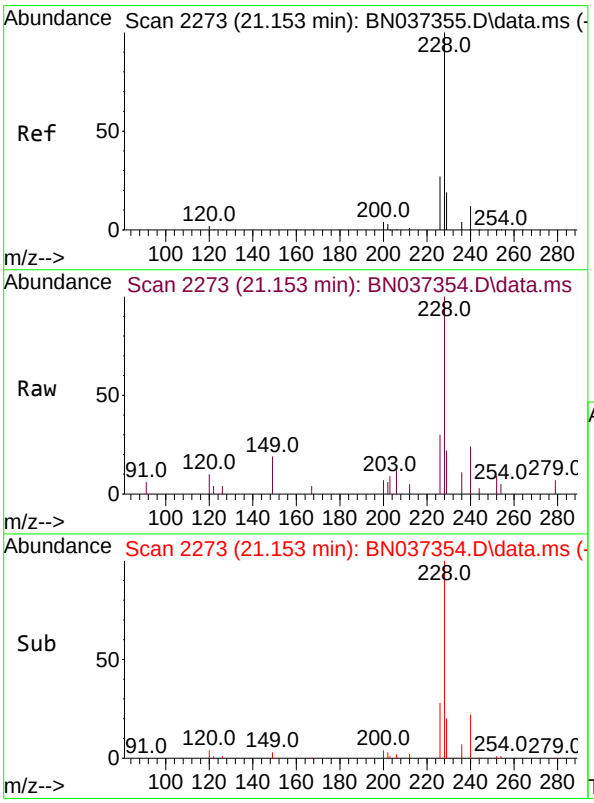
#31
Terphenyl-d14
Concen: 0.200 ng
RT: 19.621 min Scan# 2
Delta R.T. 0.005 min
Lab File: BN037354.D
Acq: 20 Jun 2025 17:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 2114

Ion	Ratio	Lower	Upper
244	100		
212	13.9	11.1	16.7
122	11.1	7.2	10.8#

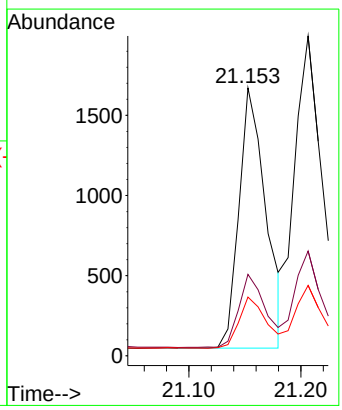


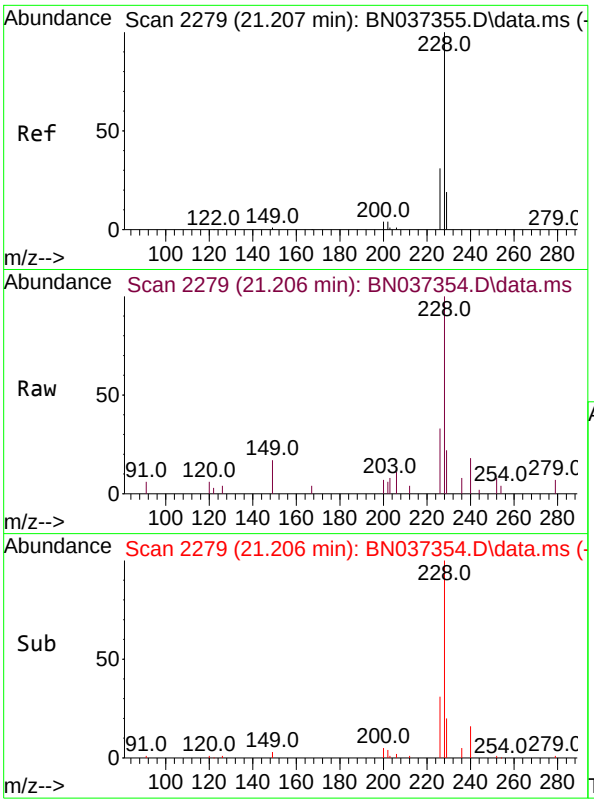


#32
Benzo(a)anthracene
Concen: 0.181 ng
RT: 21.153 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BN037354.D
Acq: 20 Jun 2025 17:27

Tgt Ion:228 Resp: 2710

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.0	34.4
229	22.0	17.4	26.0



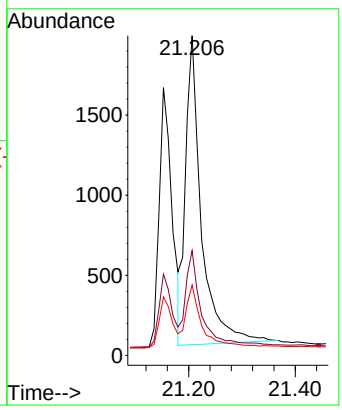


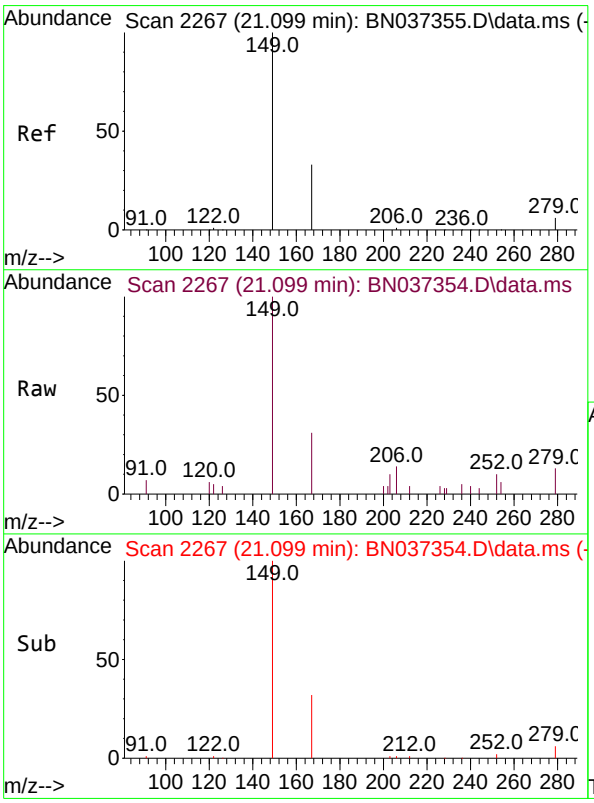
#33
Chrysene
Concen: 0.208 ng
RT: 21.206 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037354.D
Acq: 20 Jun 2025 17:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 3959

Ion	Ratio	Lower	Upper
228	100		
226	32.8	25.4	38.2
229	22.0	17.3	25.9

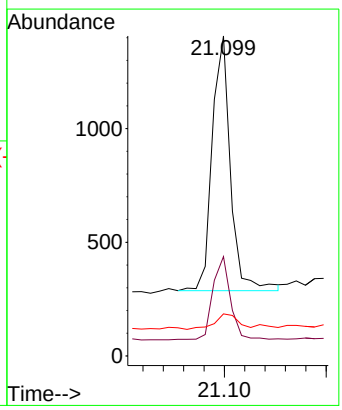


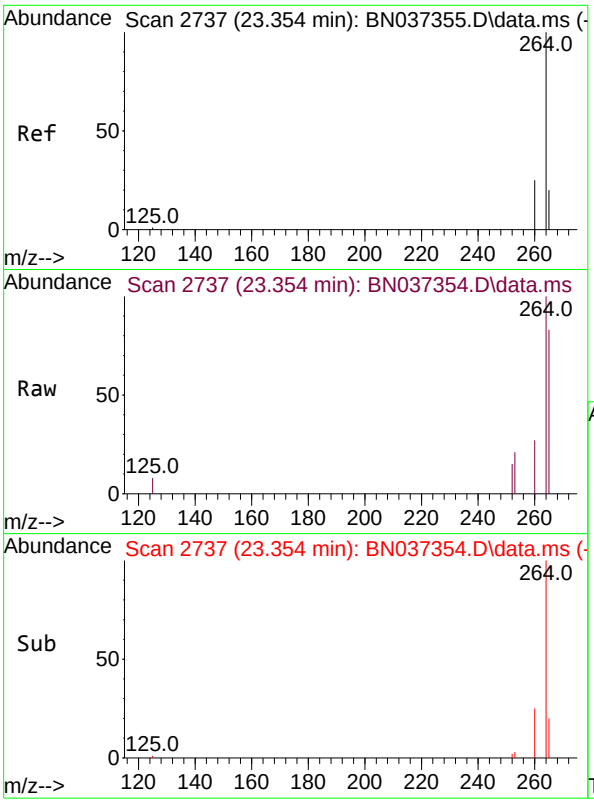


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.229 ng
RT: 21.099 min Scan# 2267
Delta R.T. -0.000 min
Lab File: BN037354.D
Acq: 20 Jun 2025 17:27

Tgt Ion:149 Resp: 1406

Ion	Ratio	Lower	Upper
149	100		
167	31.8	24.6	37.0
279	7.7	6.5	9.7



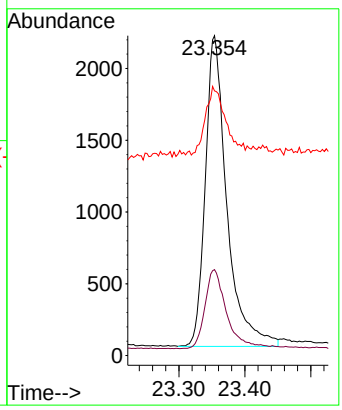


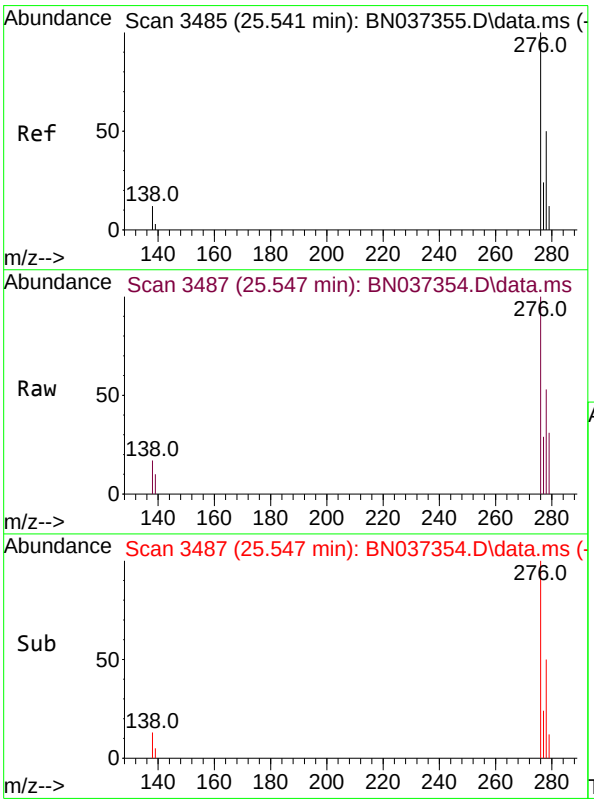
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.354 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037354.D
Acq: 20 Jun 2025 17:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:264 Resp: 4914

Ion	Ratio	Lower	Upper
264	100		
260	26.9	21.4	32.2
265	82.7	71.4	107.0

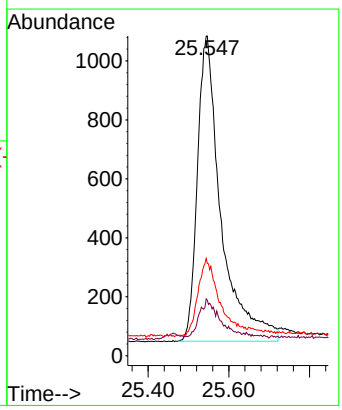


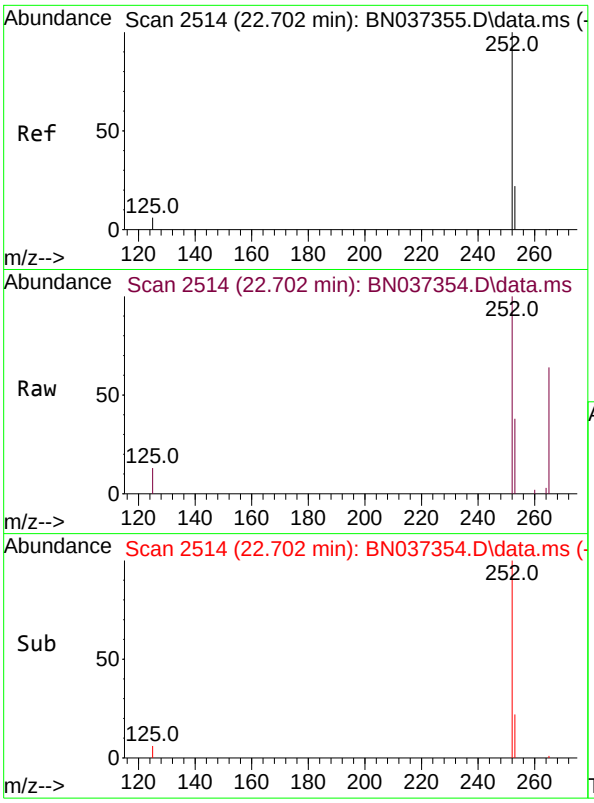


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.202 ng
RT: 25.547 min Scan# 3487
Delta R.T. 0.006 min
Lab File: BN037354.D
Acq: 20 Jun 2025 17:27

Tgt Ion:276 Resp: 4213

Ion	Ratio	Lower	Upper
276	100		
138	9.1	2.2	3.2#
277	22.8	17.1	25.7



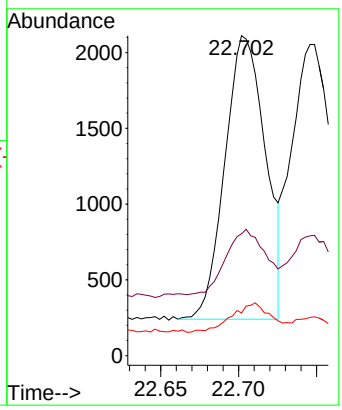


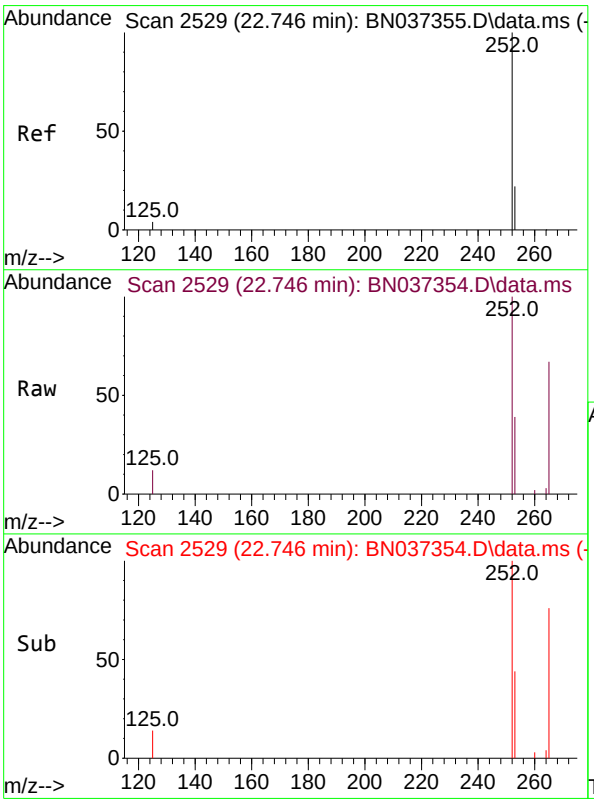
#37
Benzo(b)fluoranthene
Concen: 0.195 ng
RT: 22.702 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037354.D
Acq: 20 Jun 2025 17:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 3390

Ion	Ratio	Lower	Upper
252	100		
253	38.1	26.6	40.0
125	13.4	6.1	9.1#

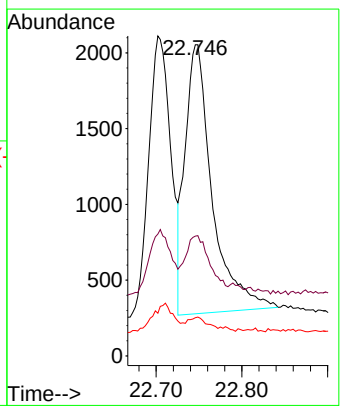


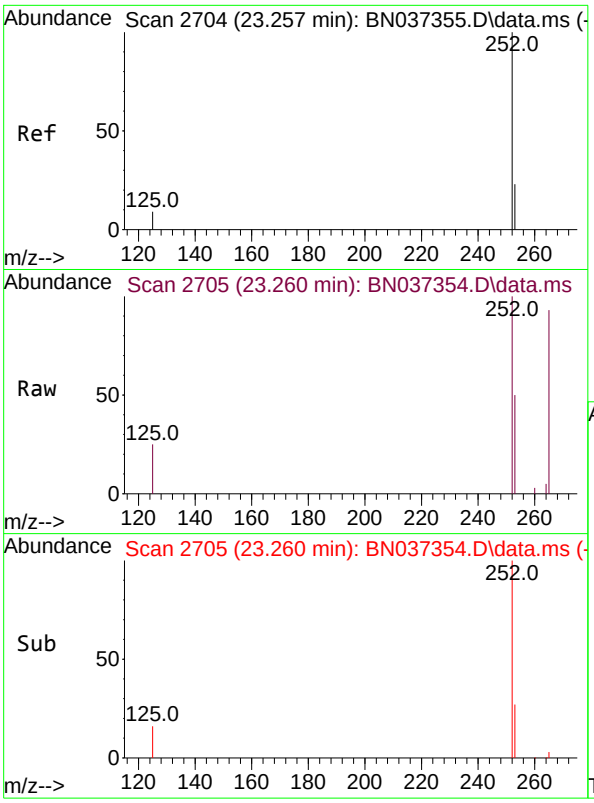


#38
Benzo(k)fluoranthene
Concen: 0.207 ng
RT: 22.746 min Scan# 2529
Delta R.T. -0.000 min
Lab File: BN037354.D
Acq: 20 Jun 2025 17:27

Tgt Ion:252 Resp: 3913

Ion	Ratio	Lower	Upper
252	100		
253	38.5	26.7	40.1
125	12.3	6.5	9.7#



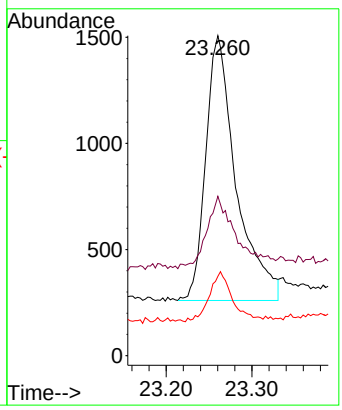


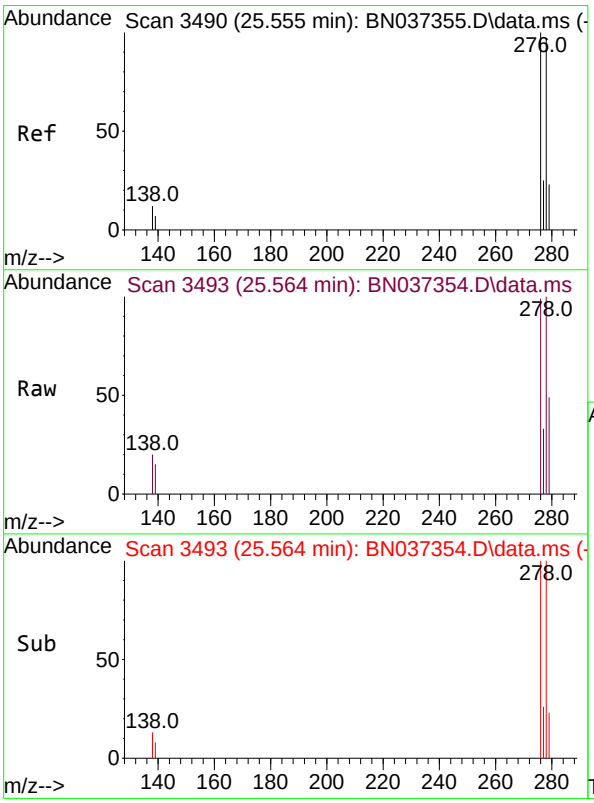
#39
Benzo(a)pyrene
Concen: 0.193 ng
RT: 23.260 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN037354.D
Acq: 20 Jun 2025 17:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 3070

Ion	Ratio	Lower	Upper
252	100		
253	49.8	31.6	47.4#
125	24.8	8.4	12.6#

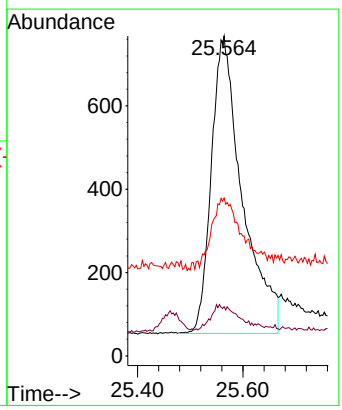


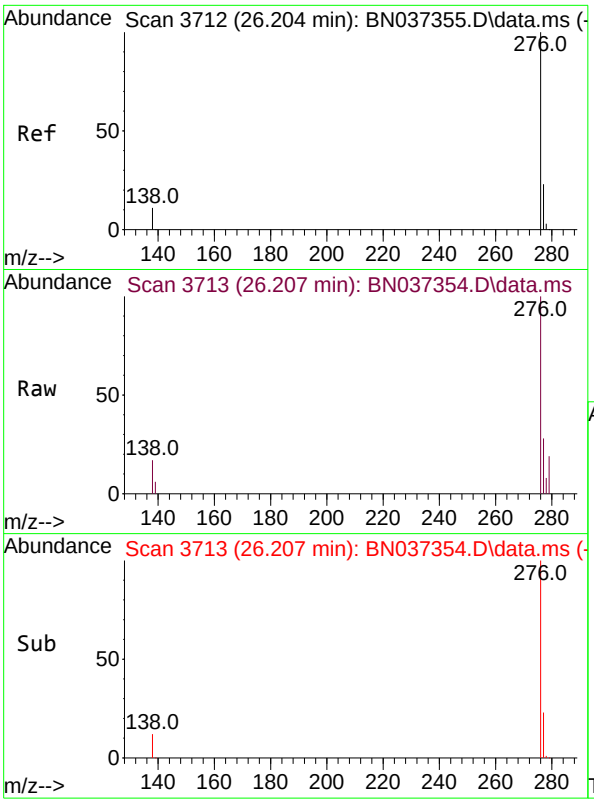


#40
Dibenzo(a,h)anthracene
Concen: 0.175 ng
RT: 25.564 min Scan# 3493
Delta R.T. 0.009 min
Lab File: BN037354.D
Acq: 20 Jun 2025 17:27

Tgt Ion:278 Resp: 2911

Ion	Ratio	Lower	Upper
278	100		
139	15.4	10.2	15.4#
279	49.3	35.6	53.4





#41
Benzo(g,h,i)perylene
Concen: 0.200 ng
RT: 26.207 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN037354.D
Acq: 20 Jun 2025 17:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 3819

Ion	Ratio	Lower	Upper
276	100		
277	28.1	22.7	34.1
138	16.6	9.4	14.2#