Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030625\
Data File : BN036534.D
Acq On : 06 Mar 2025 14:05
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Mar 06 15:34:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 16:08:57 2025
Response via : Initial Calibration

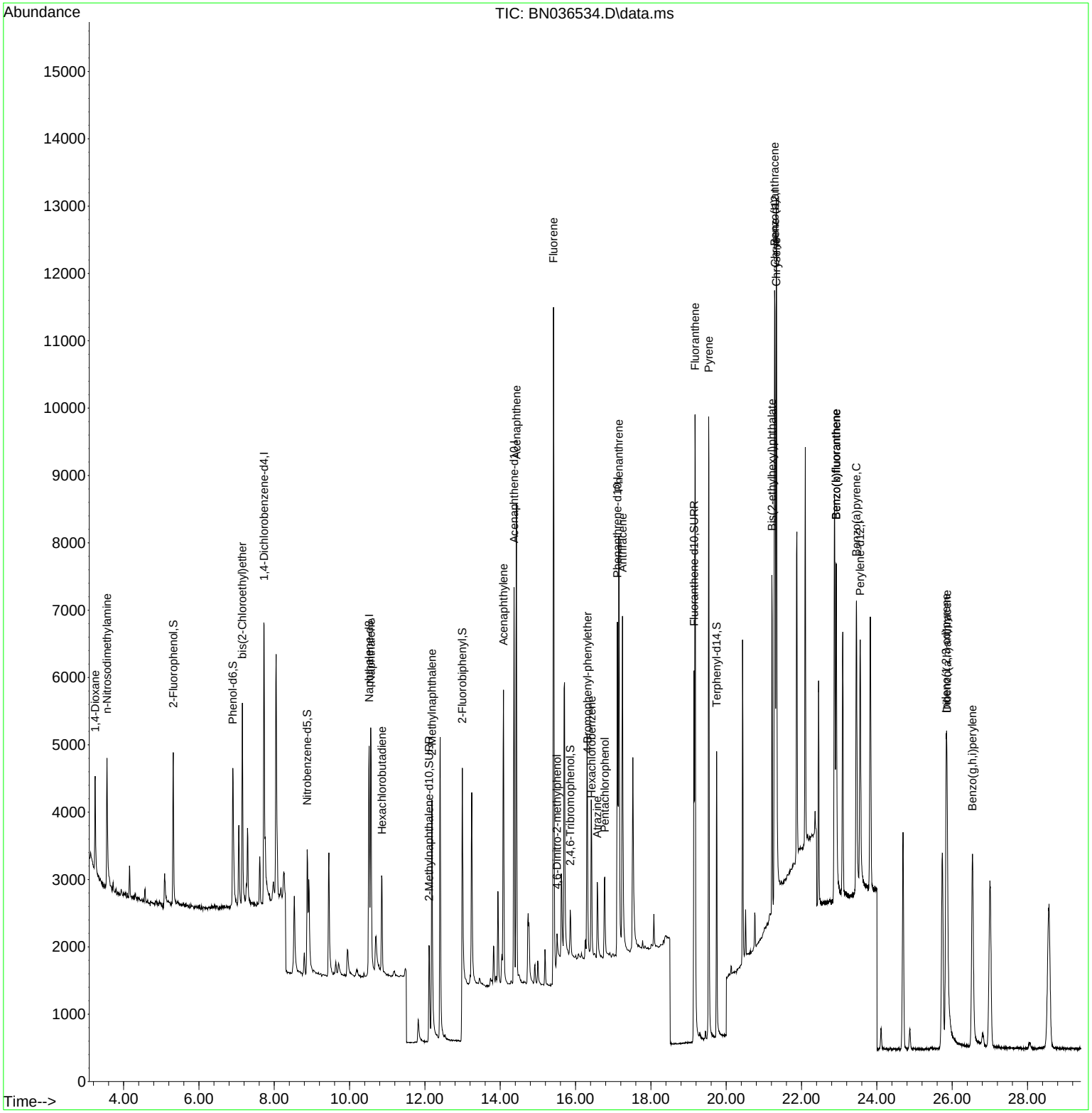
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.732	152	2140	0.400	ng		0.00
7) Naphthalene-d8	10.519	136	5254	0.400	ng	#	0.01
13) Acenaphthene-d10	14.366	164	3388	0.400	ng		0.00
19) Phenanthrene-d10	17.111	188	6841	0.400	ng		0.00
29) Chrysene-d12	21.295	240	5806	0.400	ng	#	0.00
35) Perylene-d12	23.557	264	5637	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.319	112	1749	0.346	ng		0.00
5) Phenol-d6	6.901	99	2079	0.350	ng		0.00
8) Nitrobenzene-d5	8.875	82	1874	0.361	ng		0.00
11) 2-Methylnaphthalene-d10	12.111	152	2727	0.338	ng		0.00
14) 2,4,6-Tribromophenol	15.858	330	482	0.287	ng		0.00
15) 2-Fluorobiphenyl	12.993	172	5980	0.469	ng		0.00
27) Fluoranthene-d10	19.146	212	6680	0.351	ng		0.00
31) Terphenyl-d14	19.745	244	4527	0.365	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.247	88	871	0.372	ng		98
3) n-Nitrosodimethylamine	3.557	42	1671	0.411	ng		91
6) bis(2-Chloroethyl)ether	7.154	93	2269	0.366	ng		99
9) Naphthalene	10.562	128	5328	0.351	ng		99
10) Hexachlorobutadiene	10.861	225	1304	0.353	ng	#	100
12) 2-Methylnaphthalene	12.187	142	3235	0.325	ng		97
16) Acenaphthylene	14.088	152	5109	0.341	ng		99
17) Acenaphthene	14.430	154	3420	0.342	ng		99
18) Fluorene	15.414	166	4649	0.327	ng		99
20) 4,6-Dinitro-2-methylph...	15.510	198	351	0.261	ng	#	75
21) 4-Bromophenyl-phenylether	16.317	248	1408	0.345	ng	#	76
22) Hexachlorobenzene	16.429	284	1769	0.351	ng		96
23) Atrazine	16.577	200	1167	0.342	ng	#	91
24) Pentachlorophenol	16.776	266	811	0.339	ng		99
25) Phenanthrene	17.148	178	7023	0.355	ng		100
26) Anthracene	17.248	178	6384	0.366	ng		99
28) Fluoranthene	19.173	202	8662	0.356	ng		99
30) Pyrene	19.536	202	8963	0.401	ng		100
32) Benzo(a)anthracene	21.286	228	7051	0.369	ng		99
33) Chrysene	21.331	228	8095	0.391	ng		99
34) Bis(2-ethylhexyl)phtha...	21.214	149	4839	0.407	ng		98
36) Indeno(1,2,3-cd)pyrene	25.841	276	7469	0.379	ng		98
37) Benzo(b)fluoranthene	22.920	252	7496	0.404	ng		96
38) Benzo(k)fluoranthene	22.920	252	7496	0.392	ng		97
39) Benzo(a)pyrene	23.458	252	6413	0.396	ng	#	78
40) Dibenzo(a,h)anthracene	25.861	278	5768	0.371	ng		94
41) Benzo(g,h,i)perylene	26.536	276	6588	0.374	ng		98

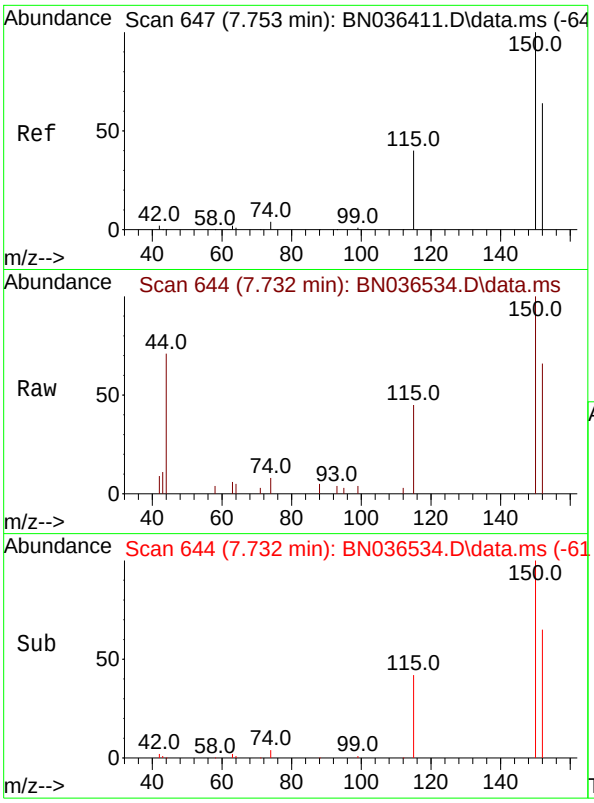
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030625\
Data File : BN036534.D
Acq On : 06 Mar 2025 14:05
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Mar 06 15:34:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 16:08:57 2025
Response via : Initial Calibration



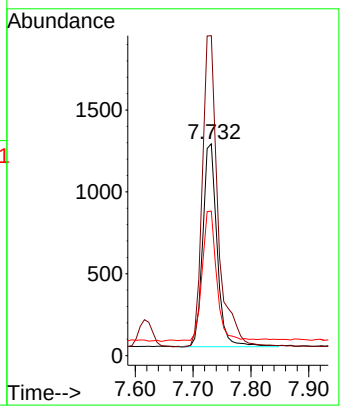


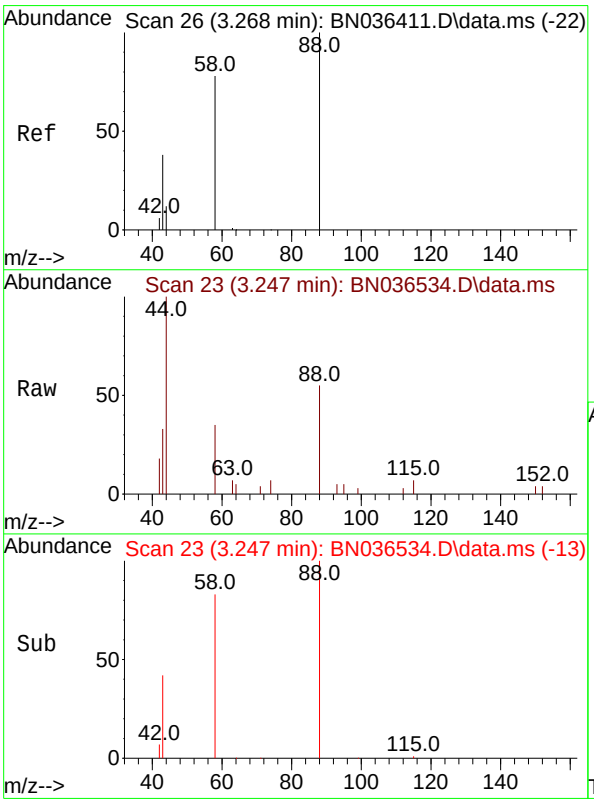
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.732 min Scan# 64
Delta R.T. -0.000 min
Lab File: BN036534.D
Acq: 06 Mar 2025 14:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 2140

Ion	Ratio	Lower	Upper
152	100		
150	151.1	123.7	185.5
115	68.3	52.5	78.7

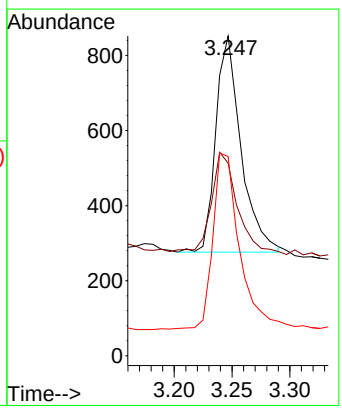


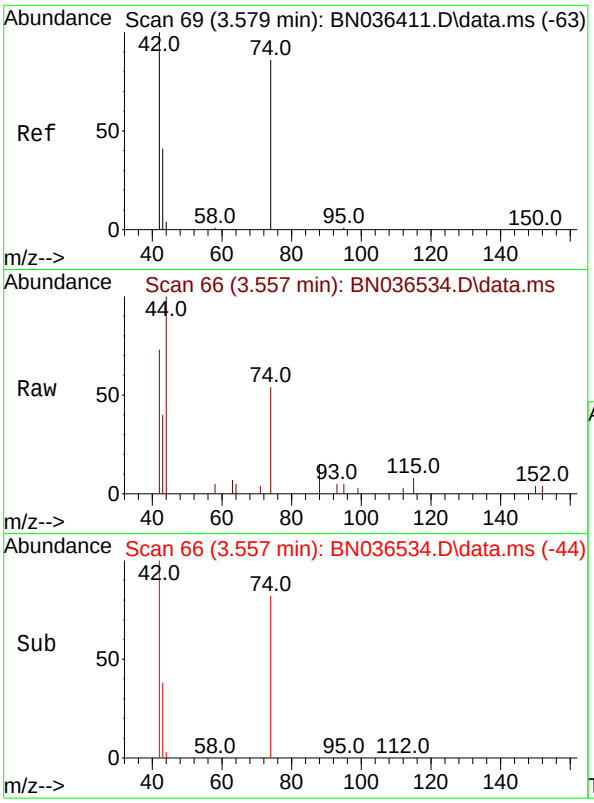


#2
1,4-Dioxane
Concen: 0.372 ng
RT: 3.247 min Scan# 23
Delta R.T. -0.000 min
Lab File: BN036534.D
Acq: 06 Mar 2025 14:05

Tgt Ion: 88 Resp: 871

Ion	Ratio	Lower	Upper
88	100		
43	44.8	33.7	50.5
58	85.2	68.9	103.3



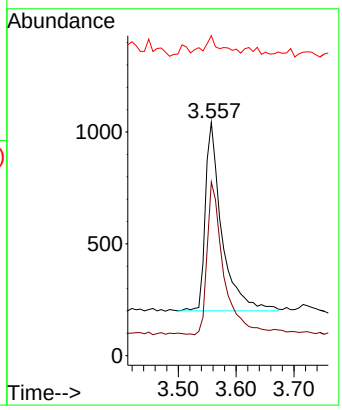


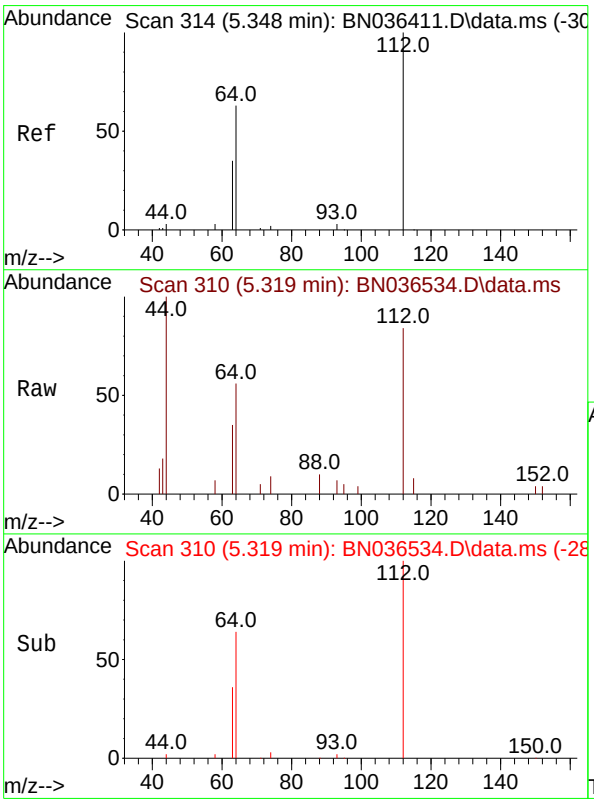
#3
n-Nitrosodimethylamine
Concen: 0.411 ng
RT: 3.557 min Scan# 6
Delta R.T. 0.007 min
Lab File: BN036534.D
Acq: 06 Mar 2025 14:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 1671

Ion	Ratio	Lower	Upper
42	100		
74	80.0	71.8	107.6
44	9.6	7.8	11.6

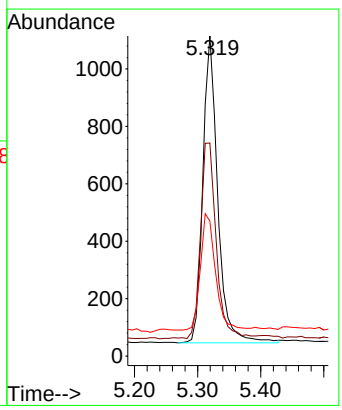


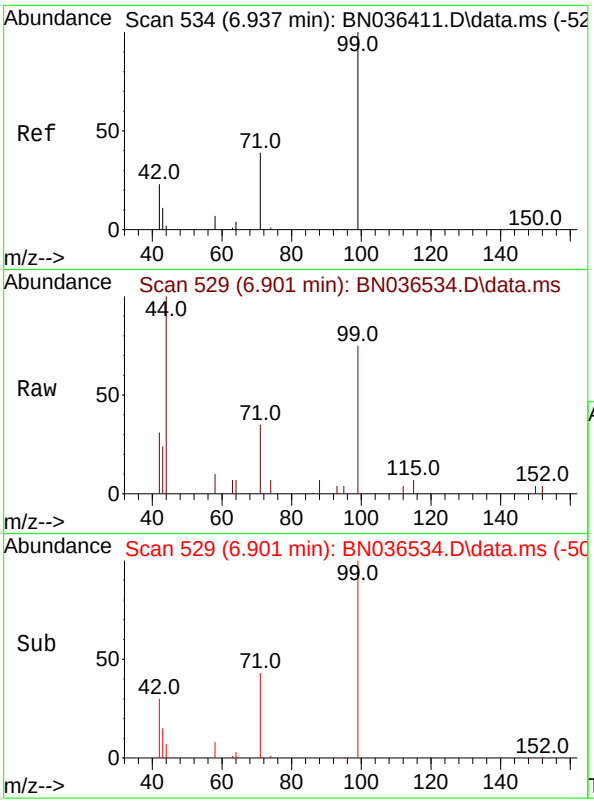


#4
2-Fluorophenol
Concen: 0.346 ng
RT: 5.319 min Scan# 310
Delta R.T. -0.000 min
Lab File: BN036534.D
Acq: 06 Mar 2025 14:05

Tgt Ion:112 Resp: 1749

Ion	Ratio	Lower	Upper
112	100		
64	66.7	53.4	80.0
63	38.7	30.3	45.5



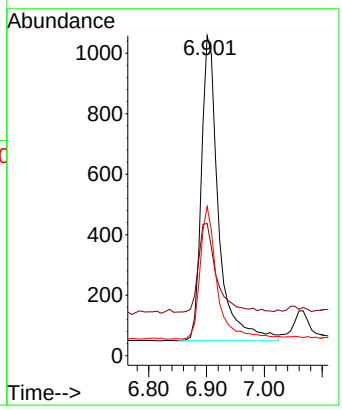


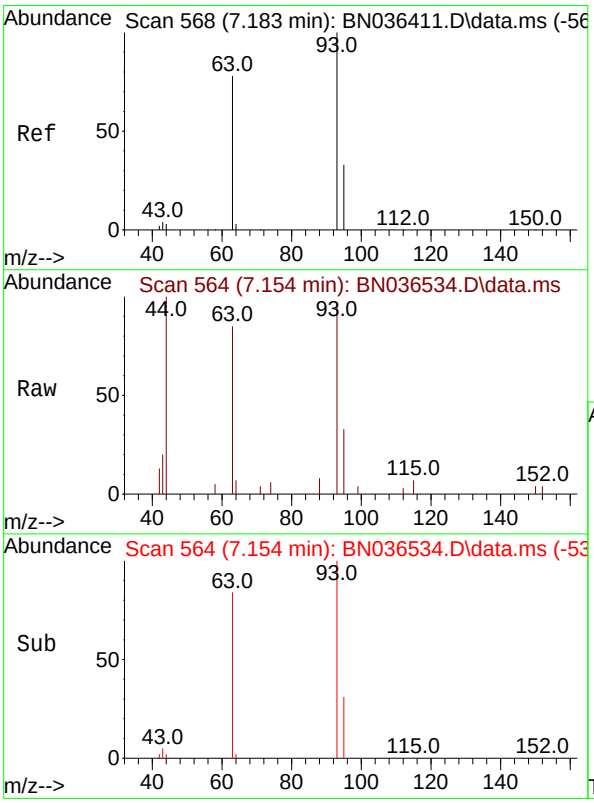
#5
Phenol-d6
Concen: 0.350 ng
RT: 6.901 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN036534.D
Acq: 06 Mar 2025 14:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 2079

Ion	Ratio	Lower	Upper
99	100		
42	30.5	21.7	32.5
71	43.2	32.6	49.0

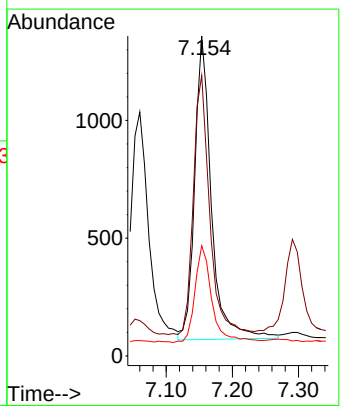


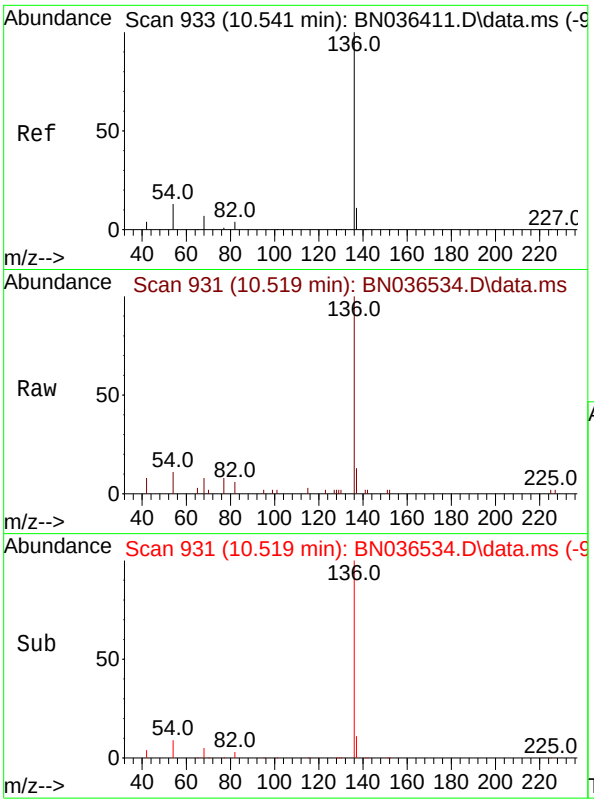


#6
bis(2-Chloroethyl)ether
Concen: 0.366 ng
RT: 7.154 min Scan# 564
Delta R.T. -0.000 min
Lab File: BN036534.D
Acq: 06 Mar 2025 14:05

Tgt Ion: 93 Resp: 2269

Ion	Ratio	Lower	Upper
93	100		
63	83.3	66.3	99.5
95	32.3	26.2	39.4



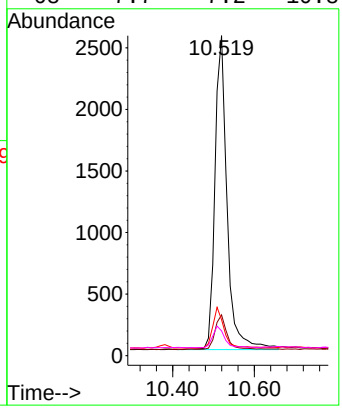


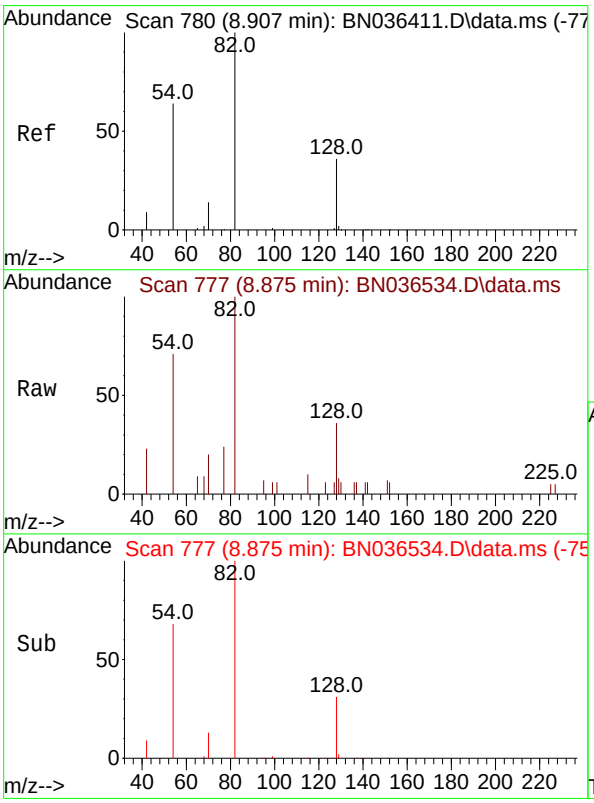
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 9
Delta R.T. 0.011 min
Lab File: BN036534.D
Acq: 06 Mar 2025 14:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 5254

Ion	Ratio	Lower	Upper
136	100		
137	12.7	10.1	15.1
54	11.2	11.8	17.6#
68	7.7	7.2	10.8

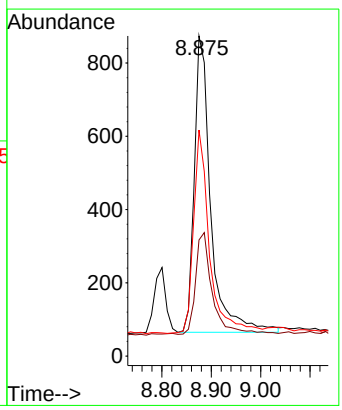


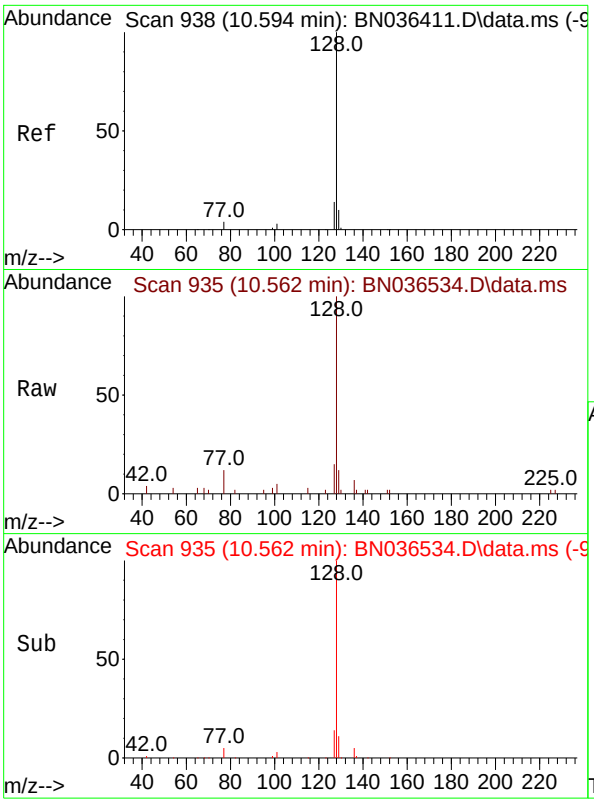


#8
Nitrobenzene-d5
Concen: 0.361 ng
RT: 8.875 min Scan# 777
Delta R.T. -0.000 min
Lab File: BN036534.D
Acq: 06 Mar 2025 14:05

Tgt Ion: 82 Resp: 1874

Ion	Ratio	Lower	Upper
82	100		
128	36.3	31.9	47.9
54	70.6	53.1	79.7



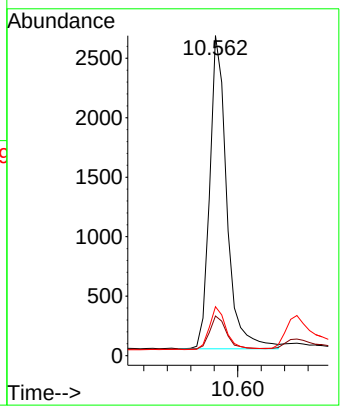


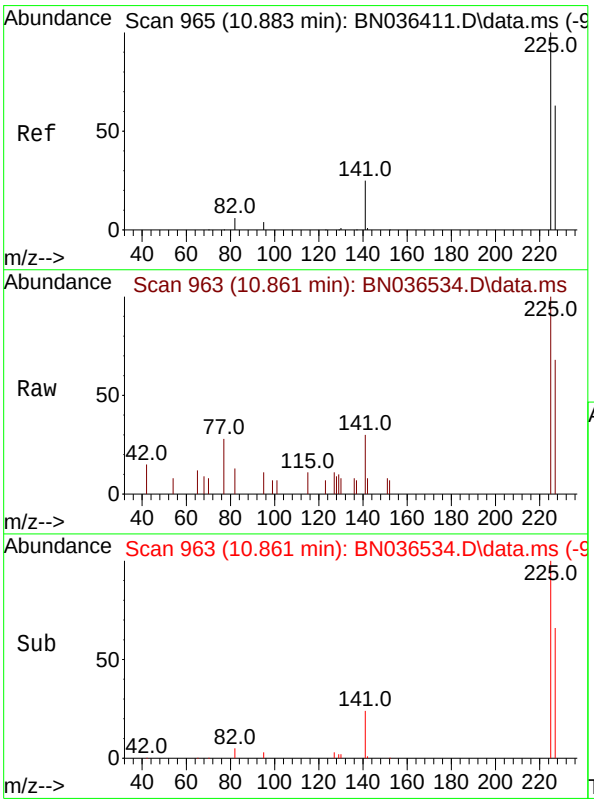
#9
Naphthalene
Concen: 0.351 ng
RT: 10.562 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN036534.D
Acq: 06 Mar 2025 14:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 5328

Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.6	14.4
127	15.3	12.0	18.0

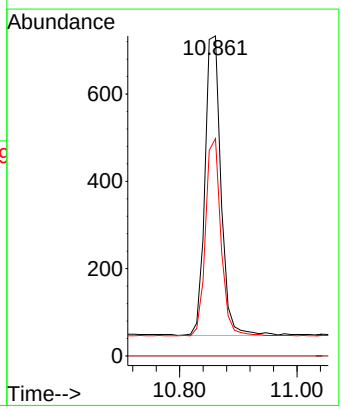


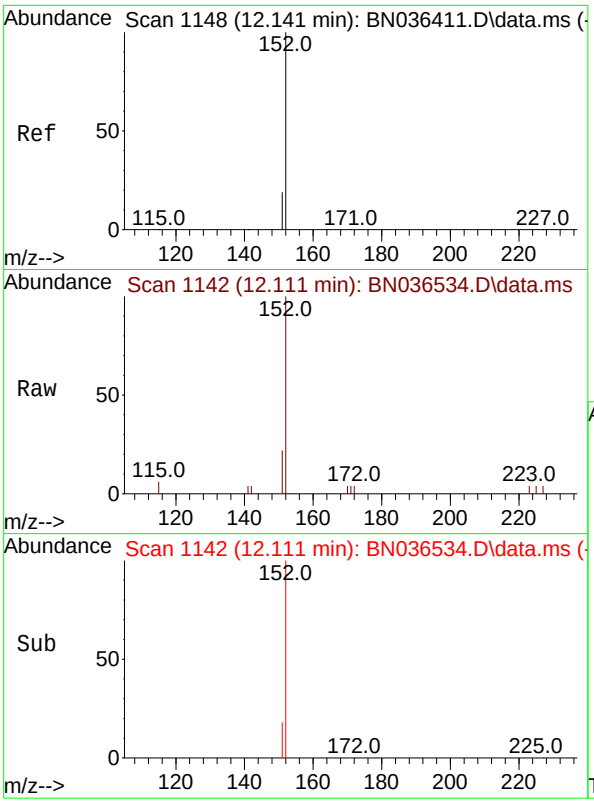


#10
Hexachlorobutadiene
Concen: 0.353 ng
RT: 10.861 min Scan# 963
Delta R.T. 0.011 min
Lab File: BN036534.D
Acq: 06 Mar 2025 14:05

Tgt Ion:225 Resp: 1304

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.4	50.9	76.3



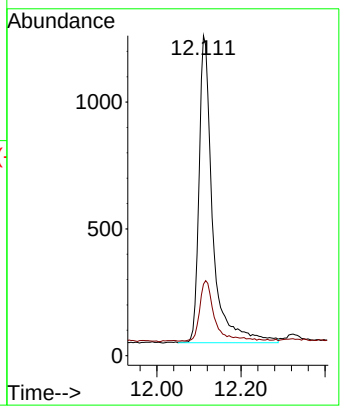


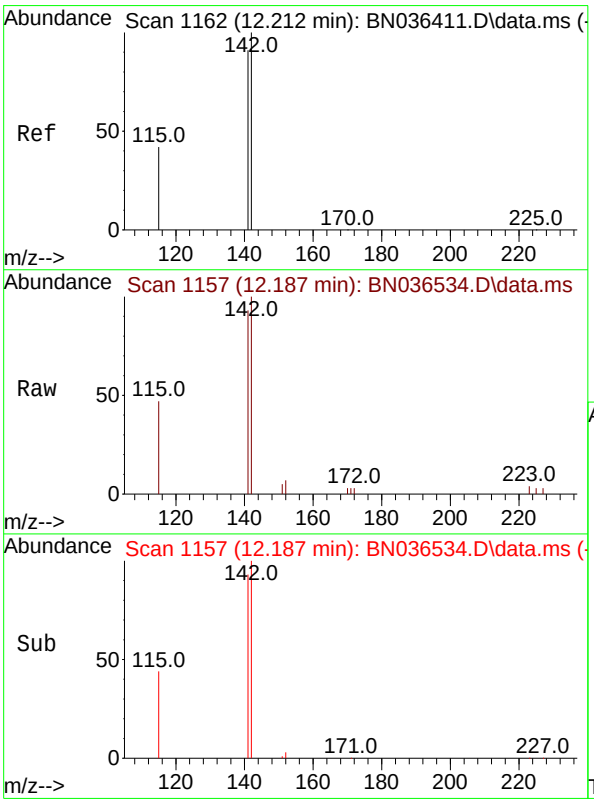
#11
2-Methylnaphthalene-d10
Concen: 0.338 ng
RT: 12.111 min Scan# 11
Delta R.T. 0.005 min
Lab File: BN036534.D
Acq: 06 Mar 2025 14:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 2727

Ion	Ratio	Lower	Upper
152	100		
151	21.7	16.6	25.0

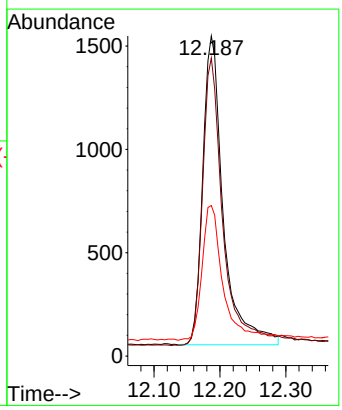


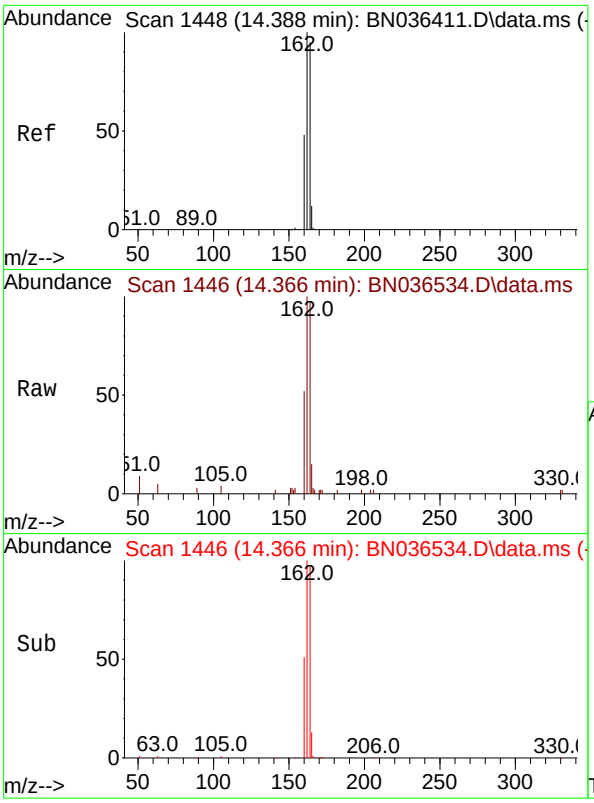


#12
2-Methylnaphthalene
Concen: 0.325 ng
RT: 12.187 min Scan# 1157
Delta R.T. 0.005 min
Lab File: BN036534.D
Acq: 06 Mar 2025 14:05

Tgt Ion:142 Resp: 3235

Ion	Ratio	Lower	Upper
142	100		
141	93.1	72.8	109.2
115	47.0	35.5	53.3



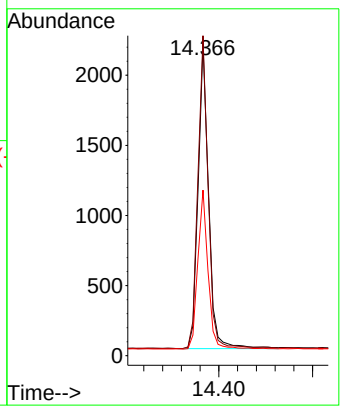


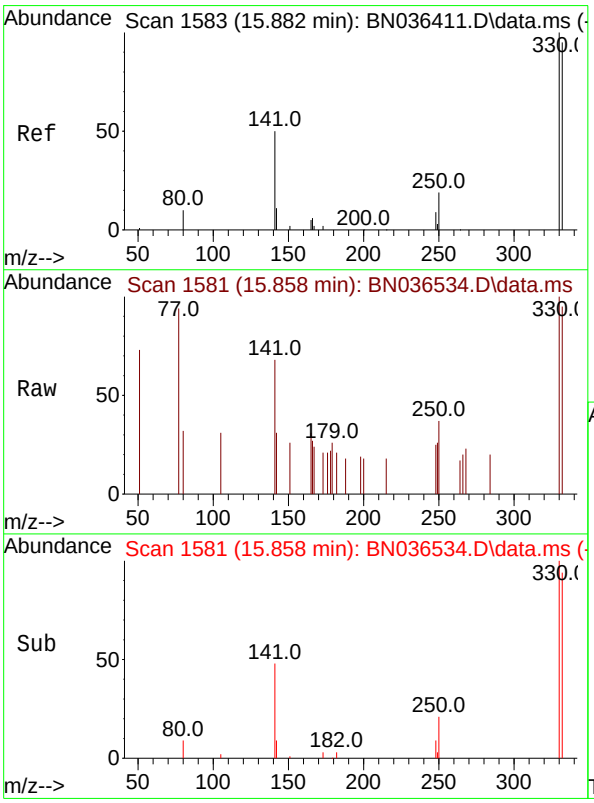
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.366 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN036534.D
Acq: 06 Mar 2025 14:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 3388

Ion	Ratio	Lower	Upper
164	100		
162	102.7	84.1	126.1
160	53.1	41.4	62.0

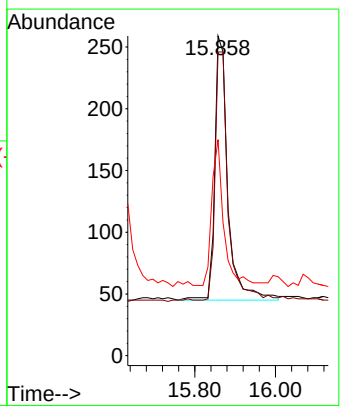


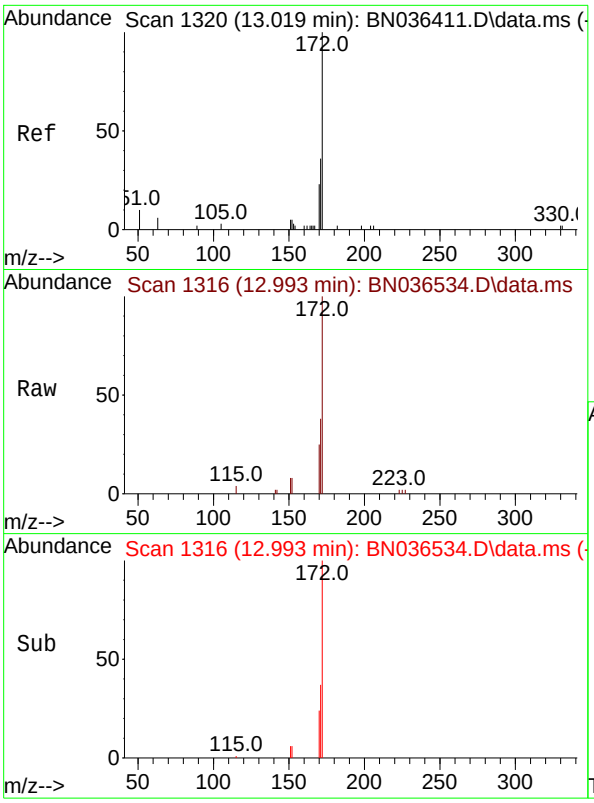


#14
2,4,6-Tribromophenol
Concen: 0.287 ng
RT: 15.858 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BN036534.D
Acq: 06 Mar 2025 14:05

Tgt Ion:330 Resp: 482

Ion	Ratio	Lower	Upper
330	100		
332	92.3	76.6	114.8
141	49.8	37.8	56.8



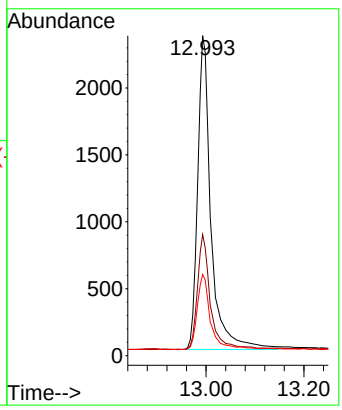


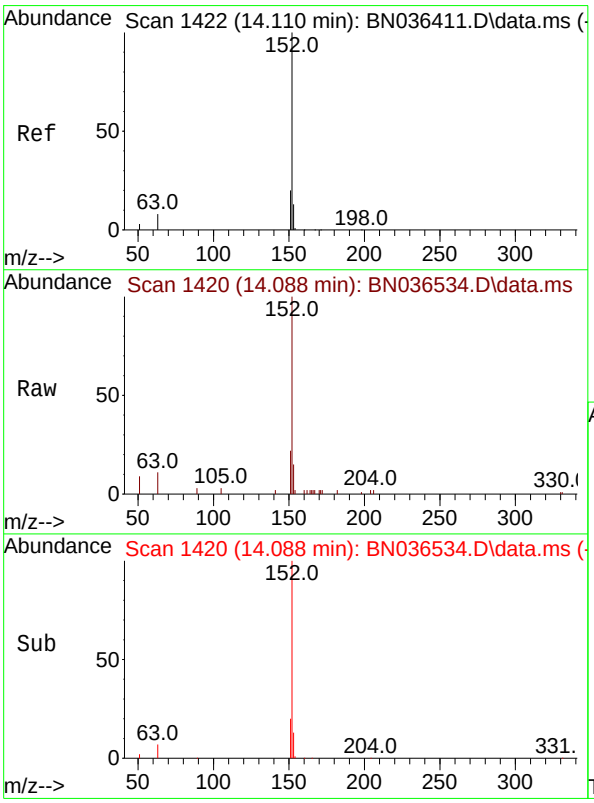
#15
2-Fluorobiphenyl
Concen: 0.469 ng
RT: 12.993 min Scan# 1
Delta R.T. 0.005 min
Lab File: BN036534.D
Acq: 06 Mar 2025 14:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 5980

Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.6	44.4
170	25.3	19.8	29.6

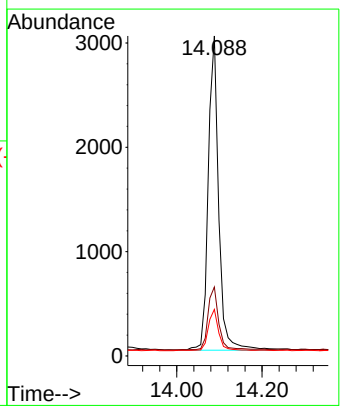


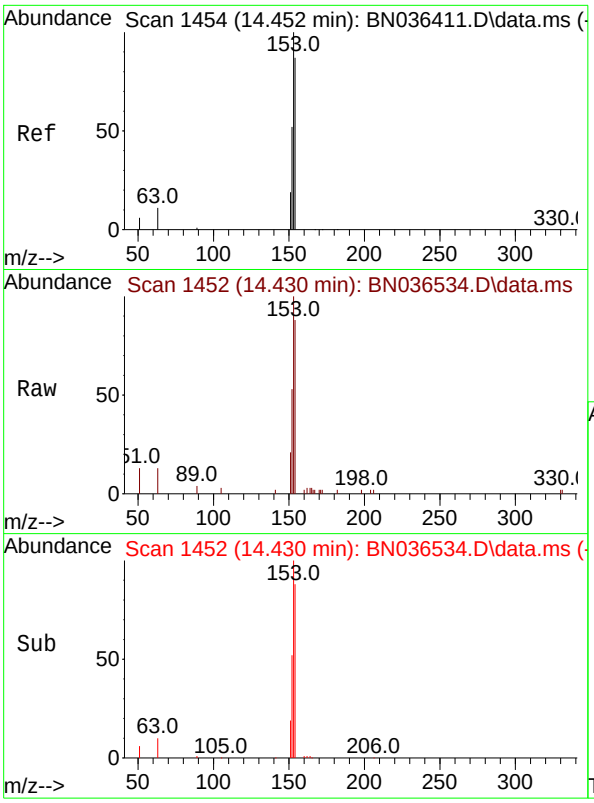


#16
Acenaphthylene
Concen: 0.341 ng
RT: 14.088 min Scan# 1420
Delta R.T. 0.011 min
Lab File: BN036534.D
Acq: 06 Mar 2025 14:05

Tgt Ion:152 Resp: 5109

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.8	23.8
153	13.2	10.2	15.2



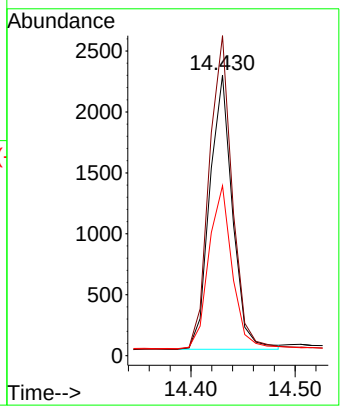


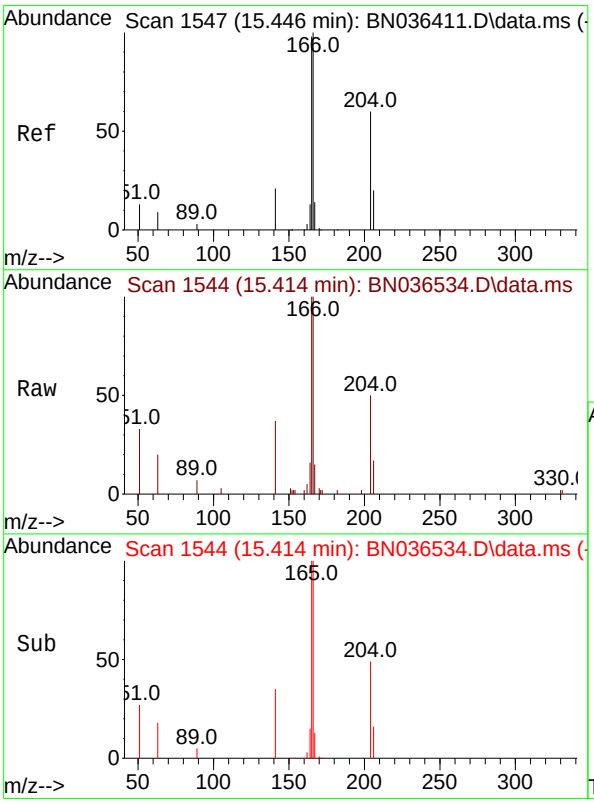
#17
Acenaphthene
Concen: 0.342 ng
RT: 14.430 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN036534.D
Acq: 06 Mar 2025 14:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 3420

Ion	Ratio	Lower	Upper
154	100		
153	117.3	93.3	139.9
152	61.6	48.8	73.2

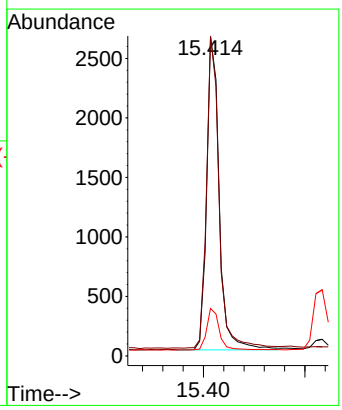


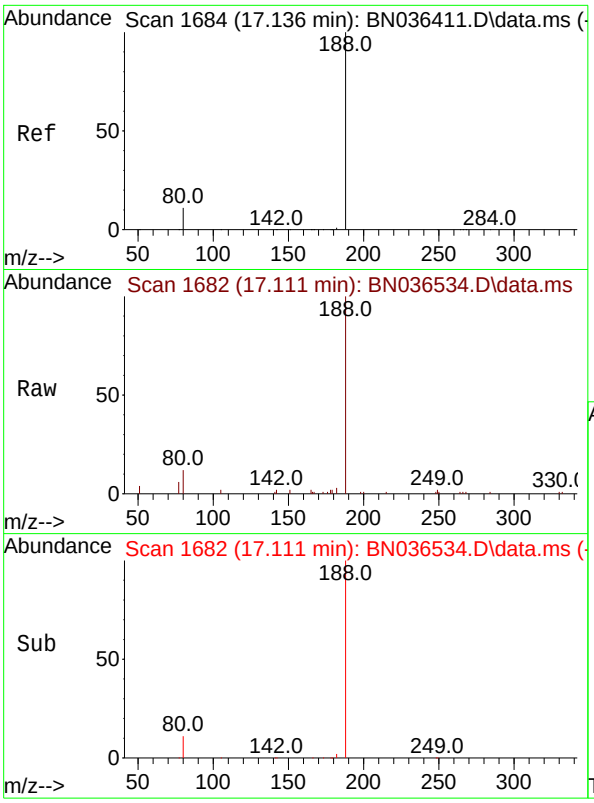


#18
Fluorene
Concen: 0.327 ng
RT: 15.414 min Scan# 1544
Delta R.T. -0.000 min
Lab File: BN036534.D
Acq: 06 Mar 2025 14:05

Tgt Ion:166 Resp: 4649

Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.5	119.3
167	13.6	10.4	15.6



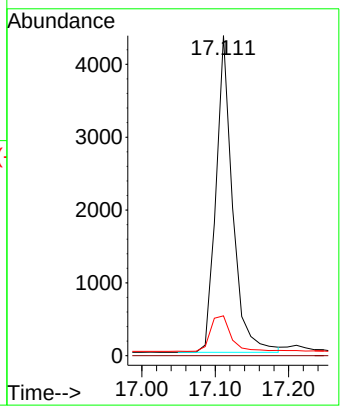


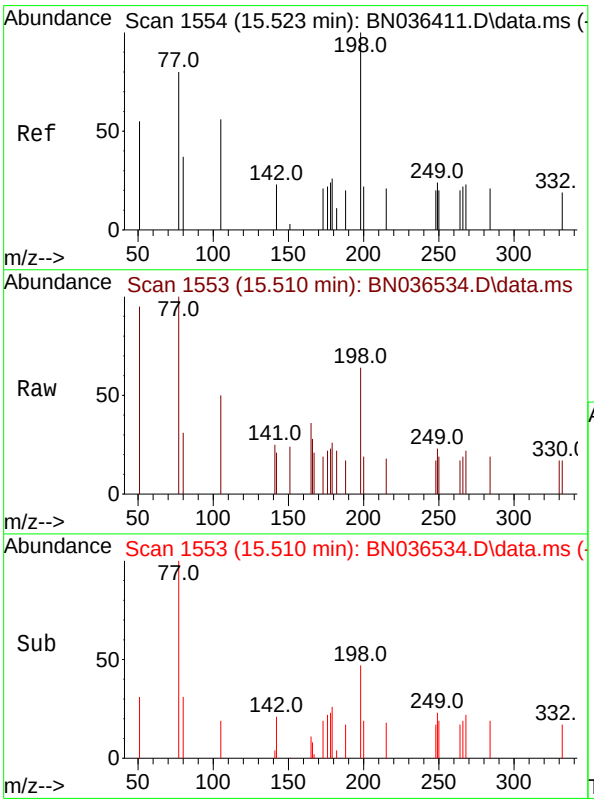
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.111 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN036534.D
Acq: 06 Mar 2025 14:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 6841

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.4	9.8	14.6

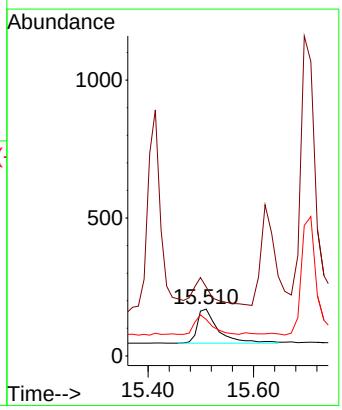


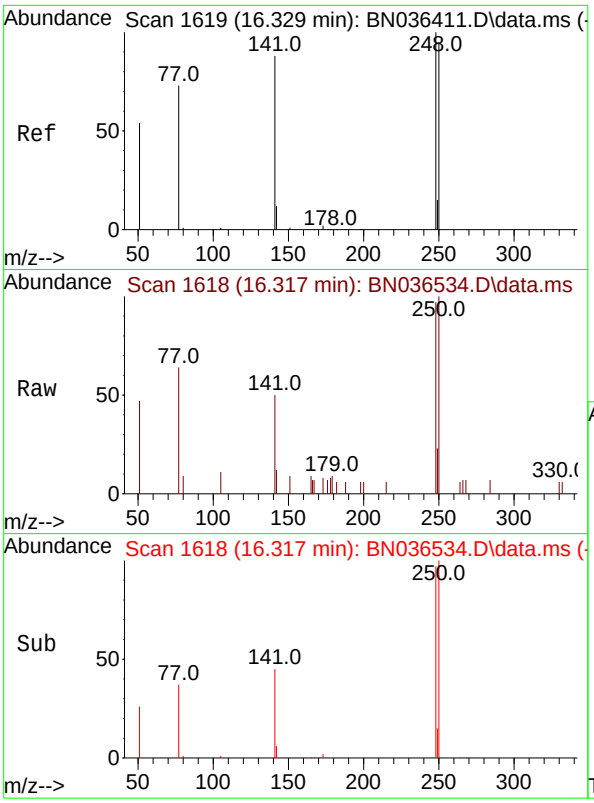


#20
4,6-Dinitro-2-methylphenol
Concen: 0.261 ng
RT: 15.510 min Scan# 1553
Delta R.T. 0.011 min
Lab File: BN036534.D
Acq: 06 Mar 2025 14:05

Tgt Ion:198 Resp: 351

Ion	Ratio	Lower	Upper
198	100		
51	147.1	86.6	129.8#
105	77.6	57.5	86.3



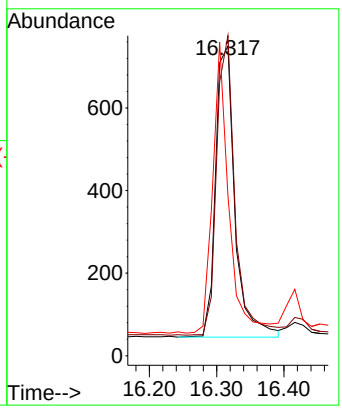


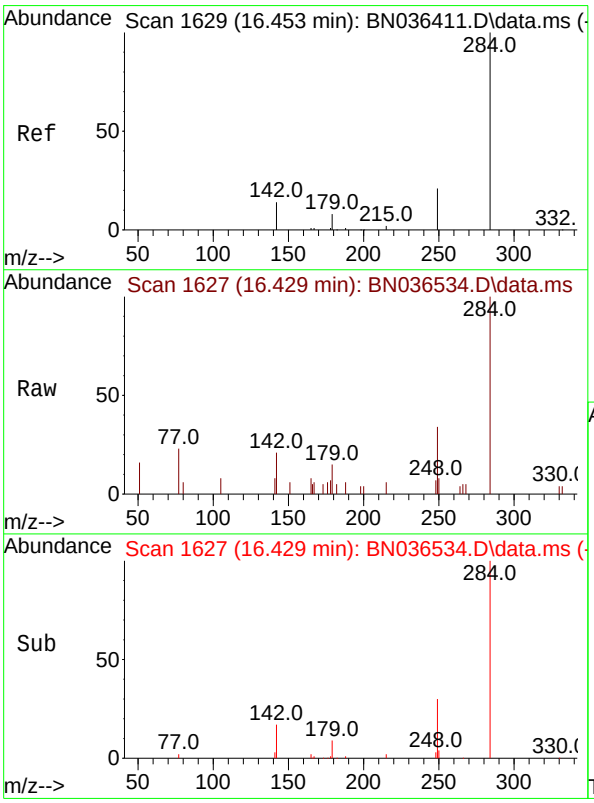
#21
4-Bromophenyl-phenylether
Concen: 0.345 ng
RT: 16.317 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN036534.D
Acq: 06 Mar 2025 14:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:248 Resp: 1408

Ion	Ratio	Lower	Upper
248	100		
250	103.3	76.1	114.1
141	51.6	71.7	107.5#

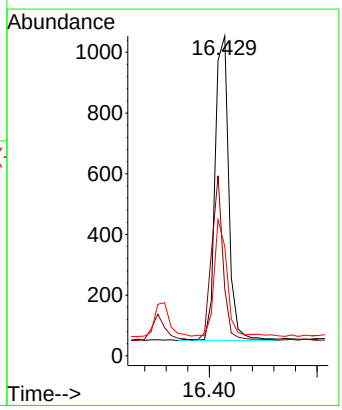


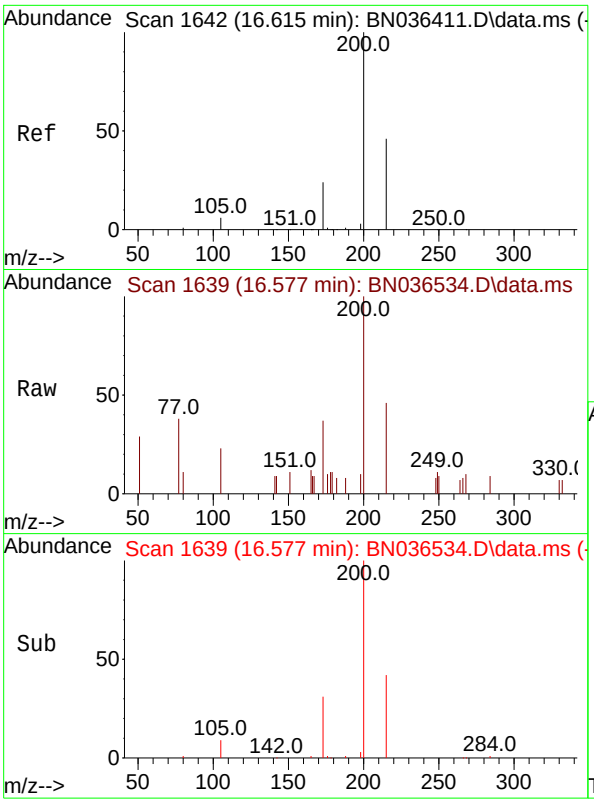


#22
Hexachlorobenzene
Concen: 0.351 ng
RT: 16.429 min Scan# 1627
Delta R.T. 0.012 min
Lab File: BN036534.D
Acq: 06 Mar 2025 14:05

Tgt Ion:284 Resp: 1769

Ion	Ratio	Lower	Upper
284	100		
142	45.3	33.4	50.0
249	36.3	28.6	43.0



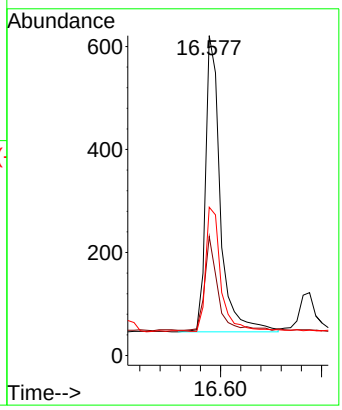


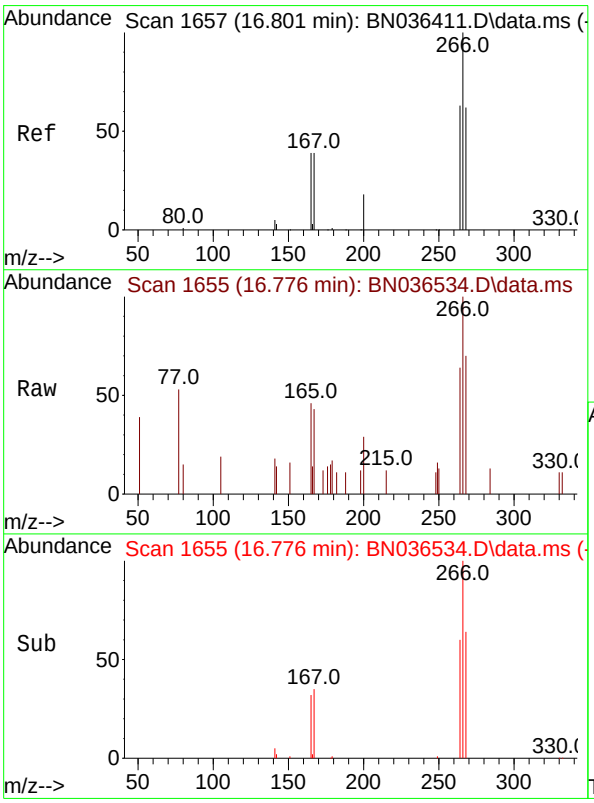
#23
Atrazine
Concen: 0.342 ng
RT: 16.577 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN036534.D
Acq: 06 Mar 2025 14:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:200 Resp: 1167

Ion	Ratio	Lower	Upper
200	100		
173	37.2	23.2	34.8#
215	46.4	40.0	60.0

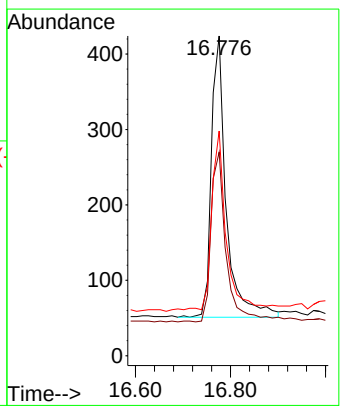


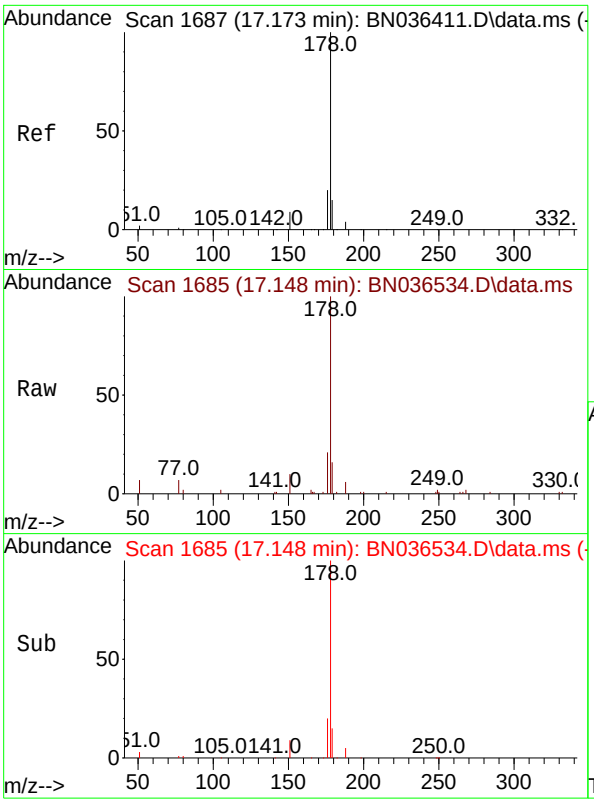


#24
Pentachlorophenol
Concen: 0.339 ng
RT: 16.776 min Scan# 1655
Delta R.T. 0.012 min
Lab File: BN036534.D
Acq: 06 Mar 2025 14:05

Tgt Ion:266 Resp: 811

Ion	Ratio	Lower	Upper
266	100		
264	62.0	50.6	76.0
268	65.0	51.9	77.9



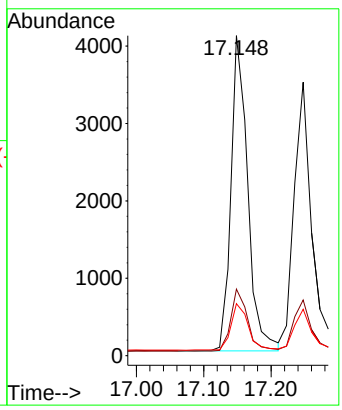


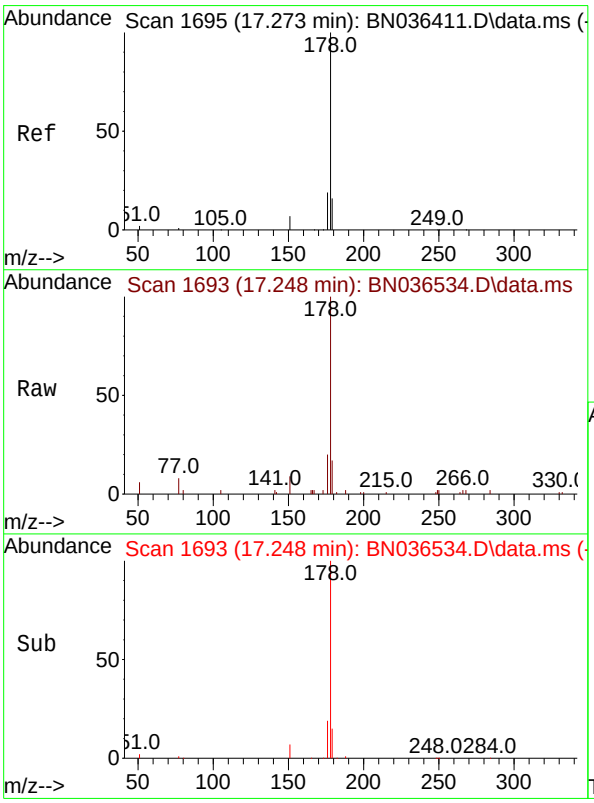
#25
Phenanthrene
Concen: 0.355 ng
RT: 17.148 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN036534.D
Acq: 06 Mar 2025 14:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 7023

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.7	23.5
179	15.5	12.4	18.6

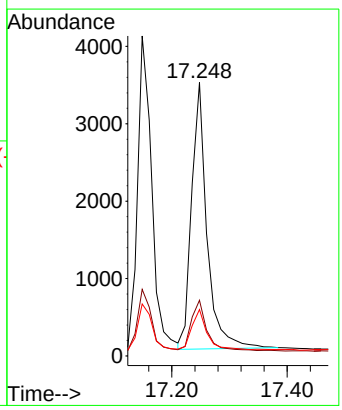


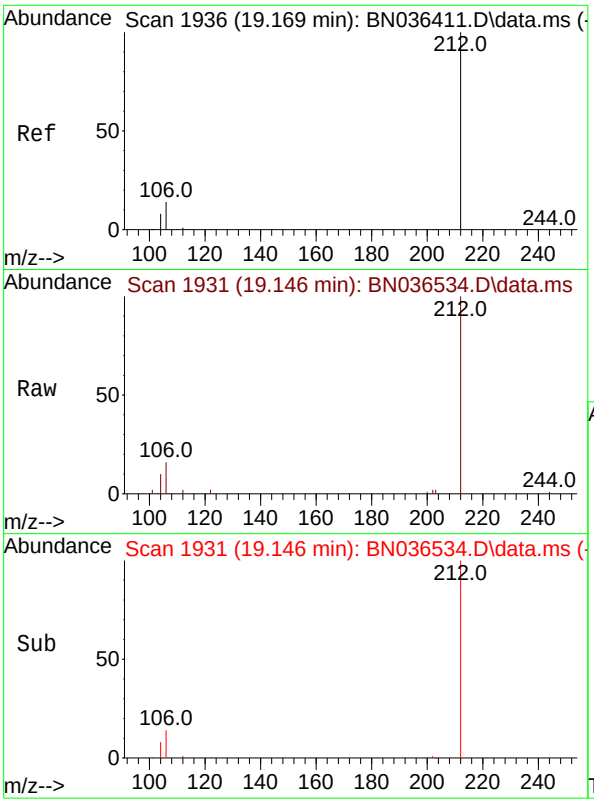


#26
Anthracene
Concen: 0.366 ng
RT: 17.248 min Scan# 1693
Delta R.T. 0.012 min
Lab File: BN036534.D
Acq: 06 Mar 2025 14:05

Tgt Ion:178 Resp: 6384

Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.9	22.3
179	15.1	12.4	18.6



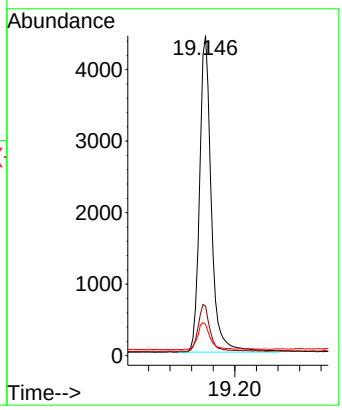


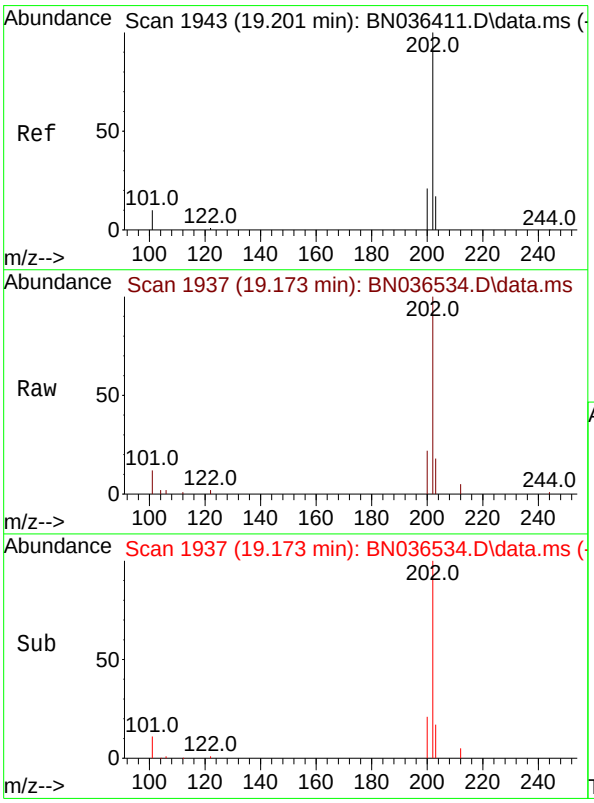
#27
Fluoranthene-d10
Concen: 0.351 ng
RT: 19.146 min Scan# 1
Delta R.T. 0.005 min
Lab File: BN036534.D
Acq: 06 Mar 2025 14:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 6680

Ion	Ratio	Lower	Upper
212	100		
106	14.9	11.5	17.3
104	9.0	7.1	10.7

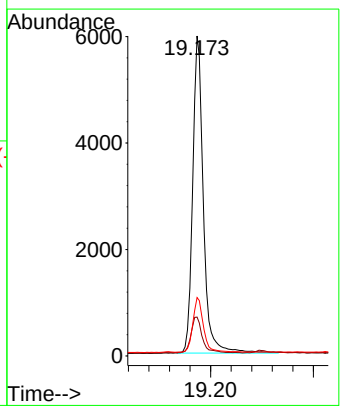


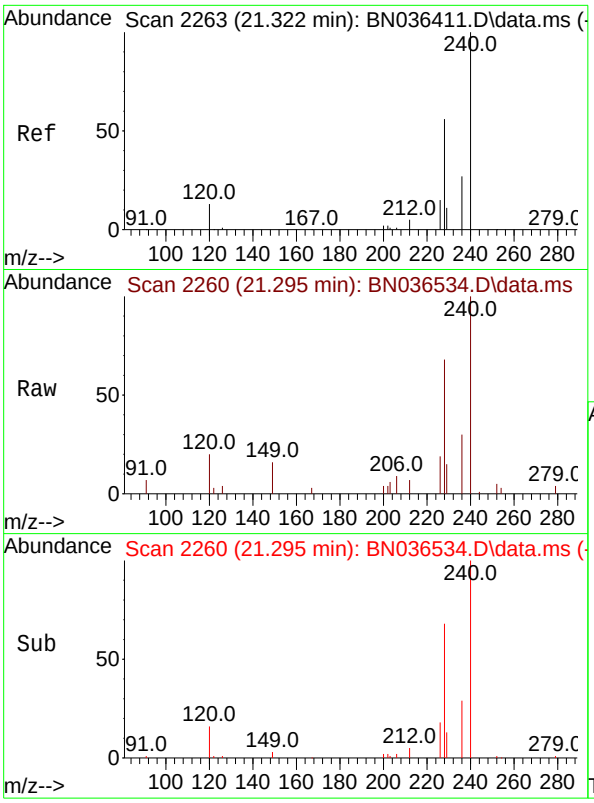


#28
Fluoranthene
Concen: 0.356 ng
RT: 19.173 min Scan# 1937
Delta R.T. -0.000 min
Lab File: BN036534.D
Acq: 06 Mar 2025 14:05

Tgt Ion:202 Resp: 8662

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.2	13.8
203	16.8	13.4	20.0



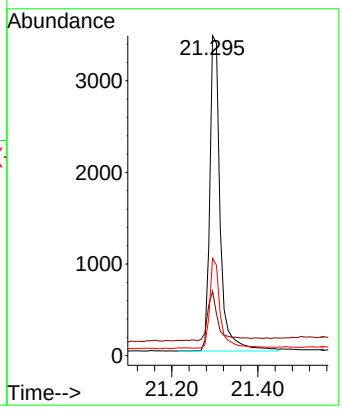


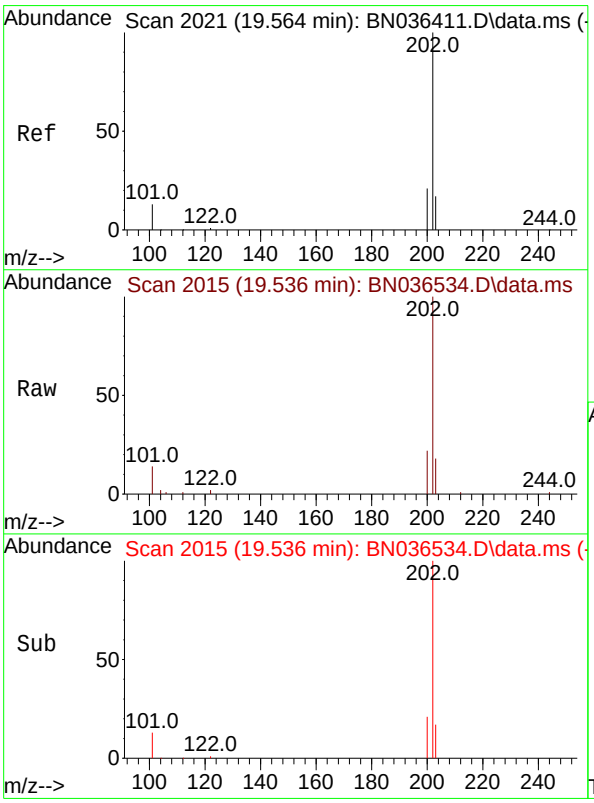
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN036534.D
Acq: 06 Mar 2025 14:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 5806

Ion	Ratio	Lower	Upper
240	100		
120	20.1	13.3	19.9#
236	30.5	23.0	34.6

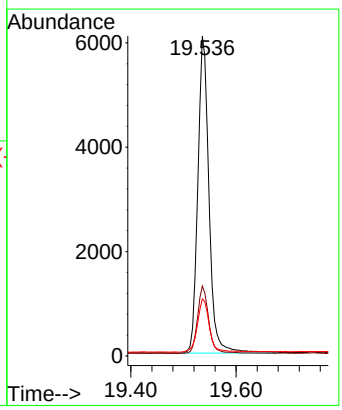


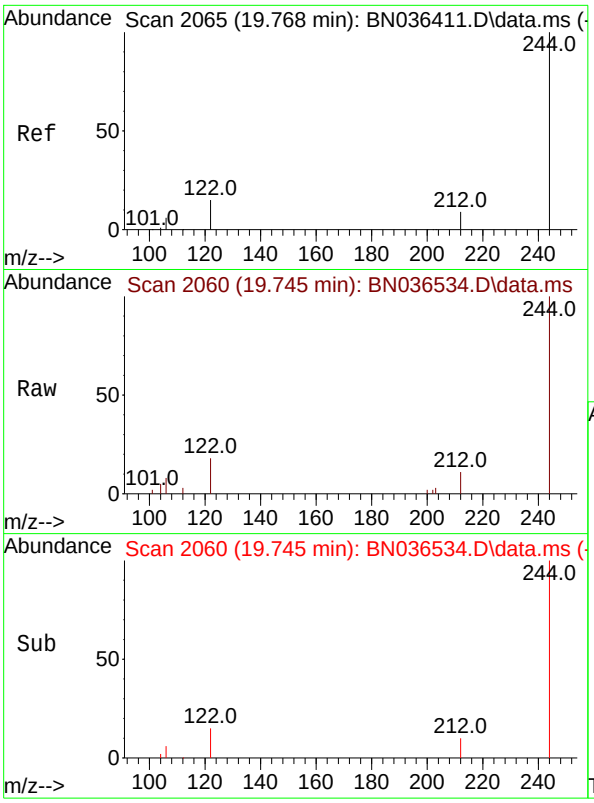


#30
Pyrene
Concen: 0.401 ng
RT: 19.536 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BN036534.D
Acq: 06 Mar 2025 14:05

Tgt Ion:202 Resp: 8963

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.6	13.9	20.9



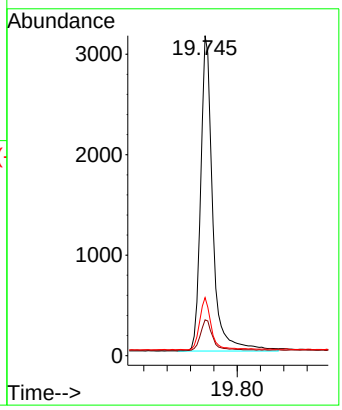


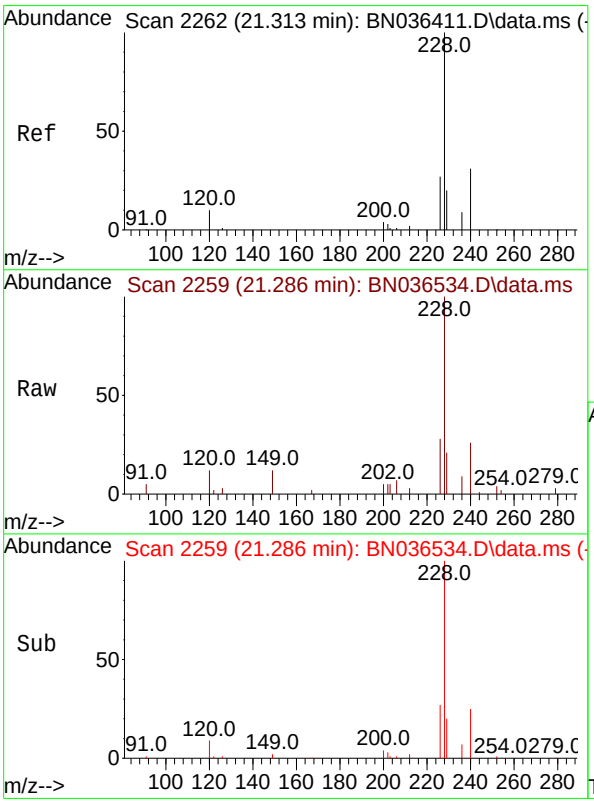
#31
Terphenyl-d14
Concen: 0.365 ng
RT: 19.745 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN036534.D
Acq: 06 Mar 2025 14:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 4527

Ion	Ratio	Lower	Upper
244	100		
212	11.2	8.1	12.1
122	18.1	12.8	19.2

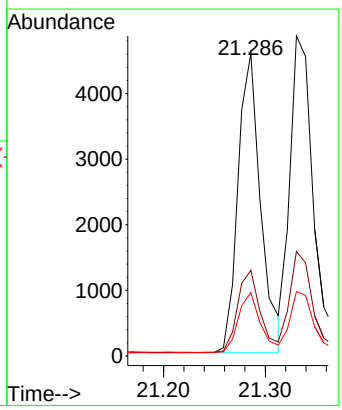


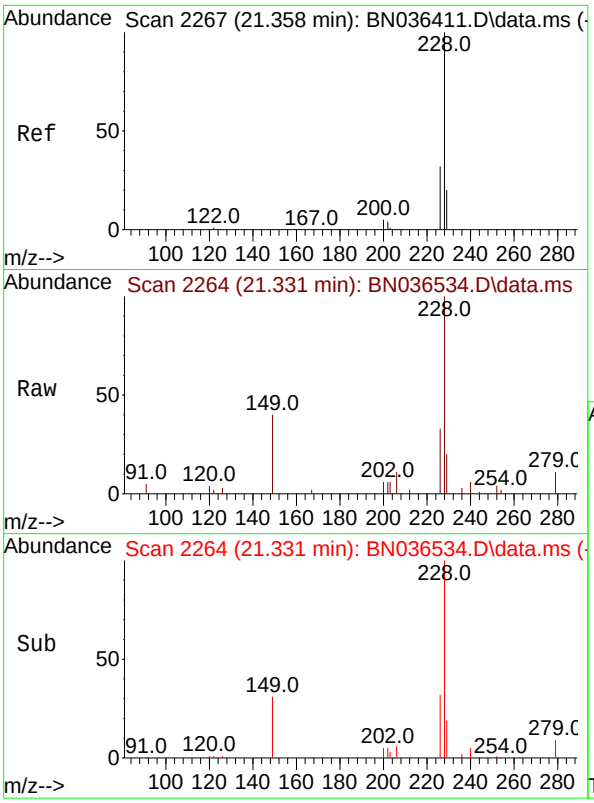


#32
Benzo(a)anthracene
Concen: 0.369 ng
RT: 21.286 min Scan# 2259
Delta R.T. 0.009 min
Lab File: BN036534.D
Acq: 06 Mar 2025 14:05

Tgt Ion:228 Resp: 7051

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.2	33.2
229	20.9	16.5	24.7



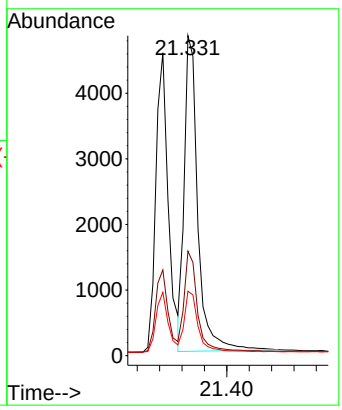


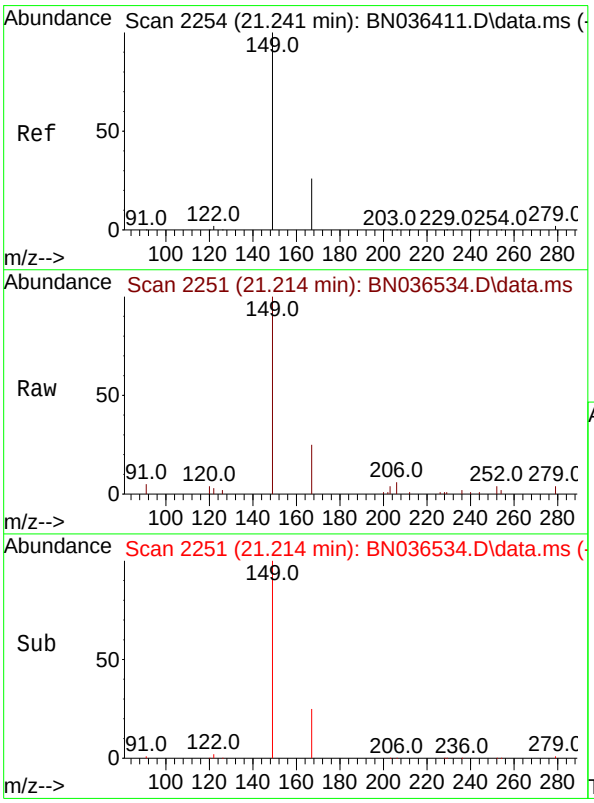
#33
Chrysene
Concen: 0.391 ng
RT: 21.331 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN036534.D
Acq: 06 Mar 2025 14:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 8095

Ion	Ratio	Lower	Upper
228	100		
226	32.7	25.5	38.3
229	20.2	16.4	24.6

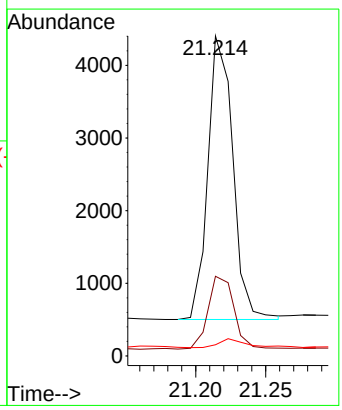


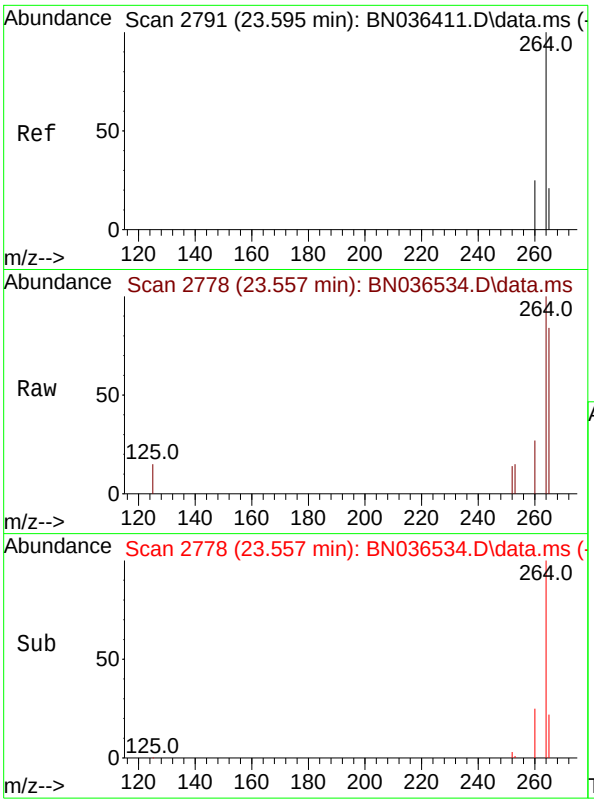


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.407 ng
RT: 21.214 min Scan# 2251
Delta R.T. -0.000 min
Lab File: BN036534.D
Acq: 06 Mar 2025 14:05

Tgt Ion:149 Resp: 4839

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.2	31.8
279	3.6	2.7	4.1



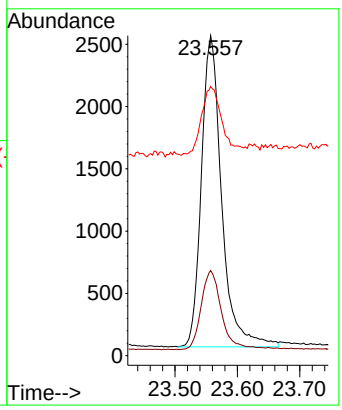


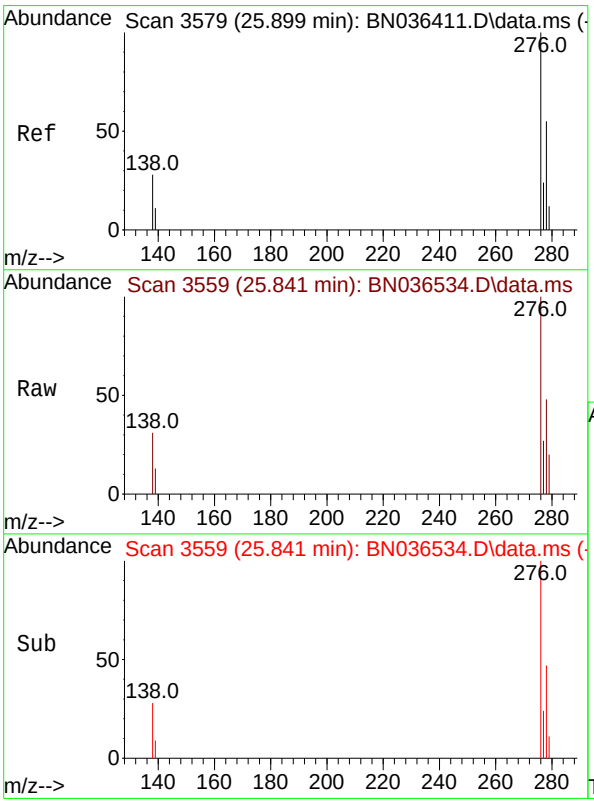
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.557 min Scan# 2
Delta R.T. 0.006 min
Lab File: BN036534.D
Acq: 06 Mar 2025 14:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 5637

Ion	Ratio	Lower	Upper
264	100		
260	26.6	20.9	31.3
265	84.1	60.7	91.1

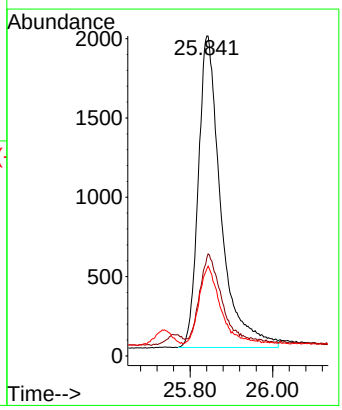


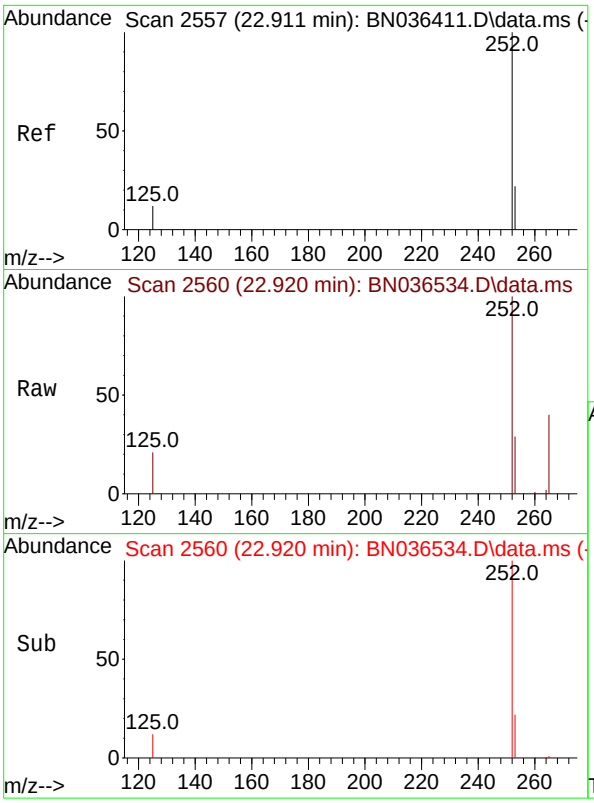


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.379 ng
RT: 25.841 min Scan# 3559
Delta R.T. 0.003 min
Lab File: BN036534.D
Acq: 06 Mar 2025 14:05

Tgt Ion:276 Resp: 7469

Ion	Ratio	Lower	Upper
276	100		
138	25.9	22.2	33.2
277	24.0	19.8	29.6



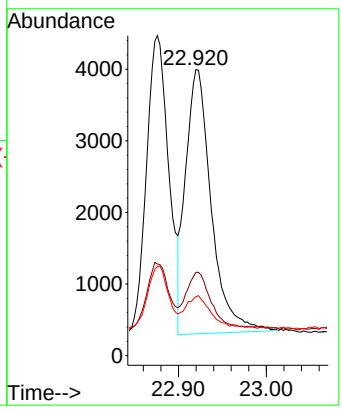


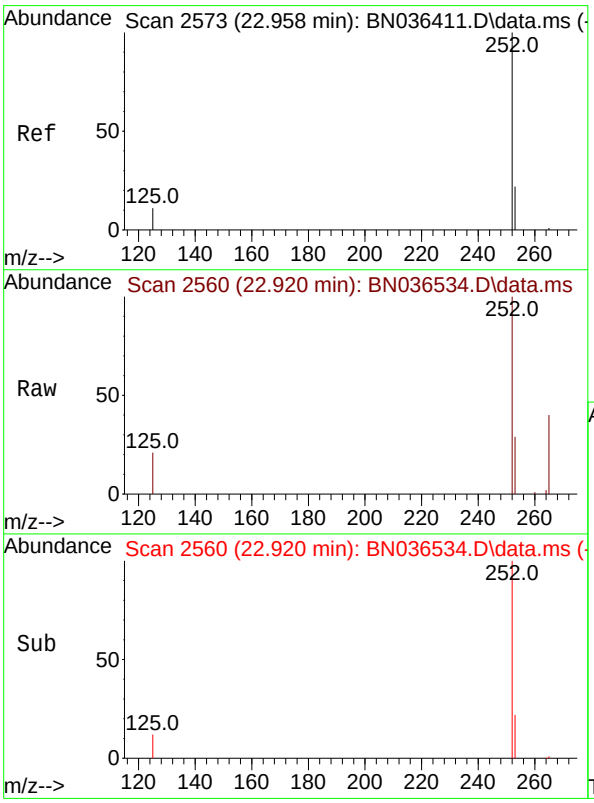
#37
Benzo(b)fluoranthene
Concen: 0.404 ng
RT: 22.920 min Scan# 2
Delta R.T. 0.047 min
Lab File: BN036534.D
Acq: 06 Mar 2025 14:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 7496

Ion	Ratio	Lower	Upper
252	100		
253	29.1	21.9	32.9
125	20.7	15.0	22.6

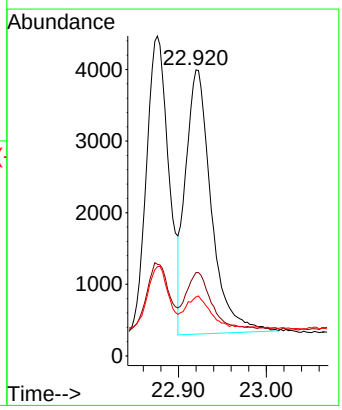


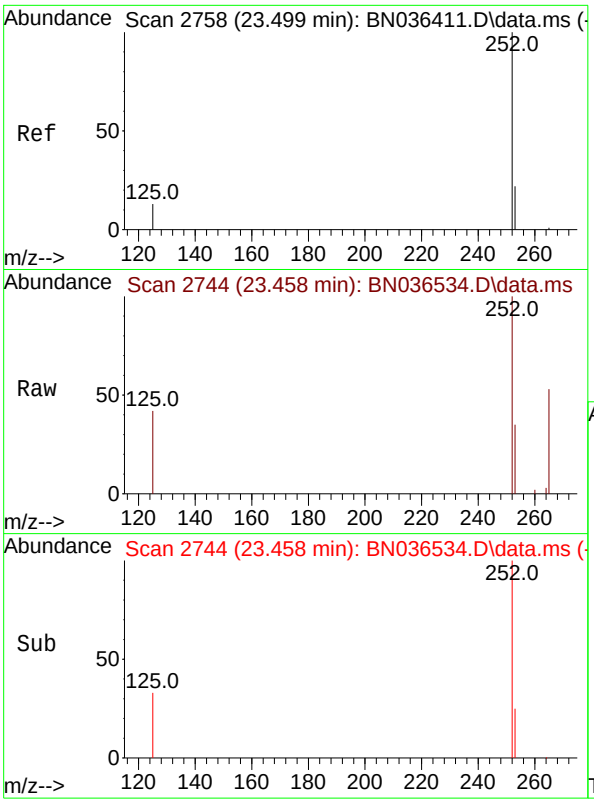


#38
Benzo(k)fluoranthene
Concen: 0.392 ng
RT: 22.920 min Scan# 2560
Delta R.T. 0.003 min
Lab File: BN036534.D
Acq: 06 Mar 2025 14:05

Tgt Ion:252 Resp: 7496

Ion	Ratio	Lower	Upper
252	100		
253	29.1	22.2	33.4
125	20.7	15.0	22.4



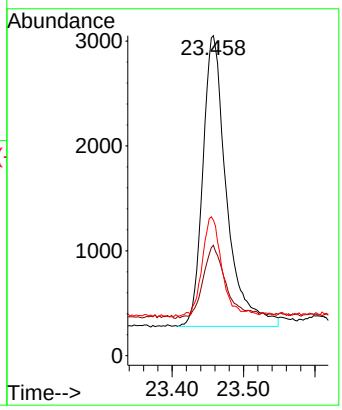


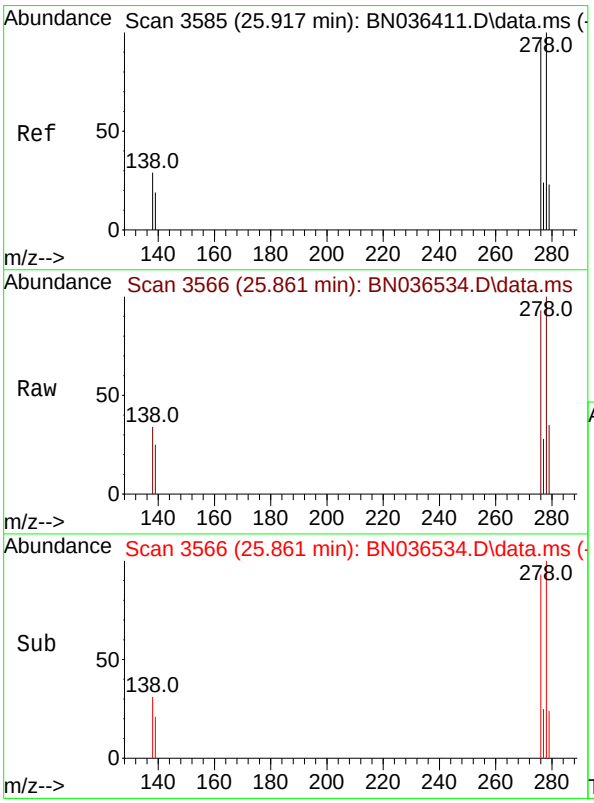
#39
Benzo(a)pyrene
Concen: 0.396 ng
RT: 23.458 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN036534.D
Acq: 06 Mar 2025 14:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 6413

Ion	Ratio	Lower	Upper
252	100		
253	34.5	24.4	36.6
125	42.4	18.2	27.2#

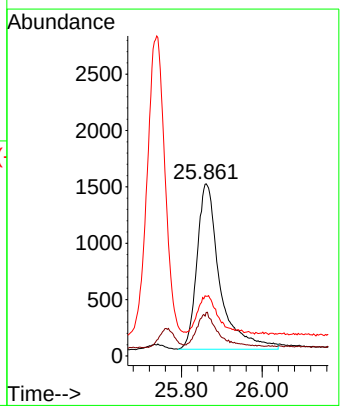


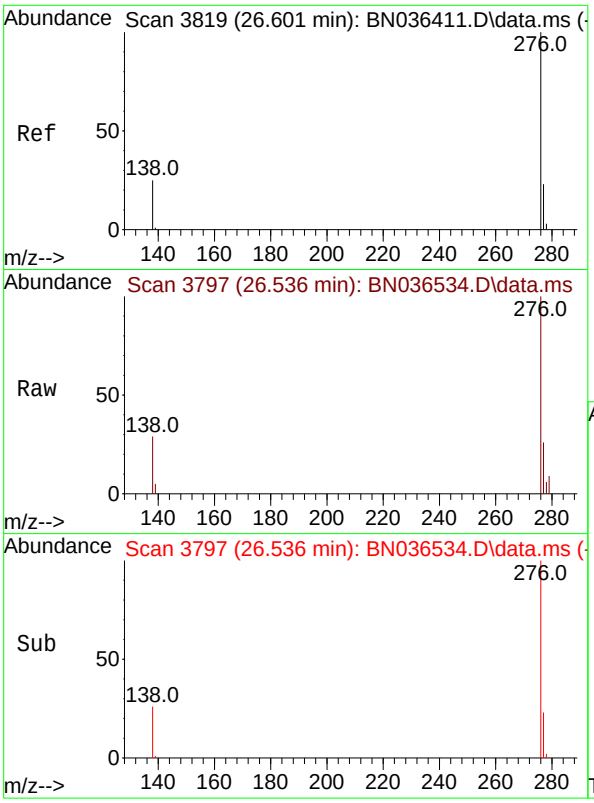


#40
Dibenzo(a,h)anthracene
Concen: 0.371 ng
RT: 25.861 min Scan# 3566
Delta R.T. 0.009 min
Lab File: BN036534.D
Acq: 06 Mar 2025 14:05

Tgt Ion:278 Resp: 5768

Ion	Ratio	Lower	Upper
278	100		
139	25.3	18.5	27.7
279	34.7	24.8	37.2





#41
Benzo(g,h,i)perylene
Concen: 0.374 ng
RT: 26.536 min Scan# 3
Delta R.T. 0.009 min
Lab File: BN036534.D
Acq: 06 Mar 2025 14:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 6588

Ion	Ratio	Lower	Upper
276	100		
277	26.2	20.7	31.1
138	28.7	21.8	32.6