Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030725\
Data File : BN036544.D
Acq On : 07 Mar 2025 13:00
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Mar 07 13:43:41 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

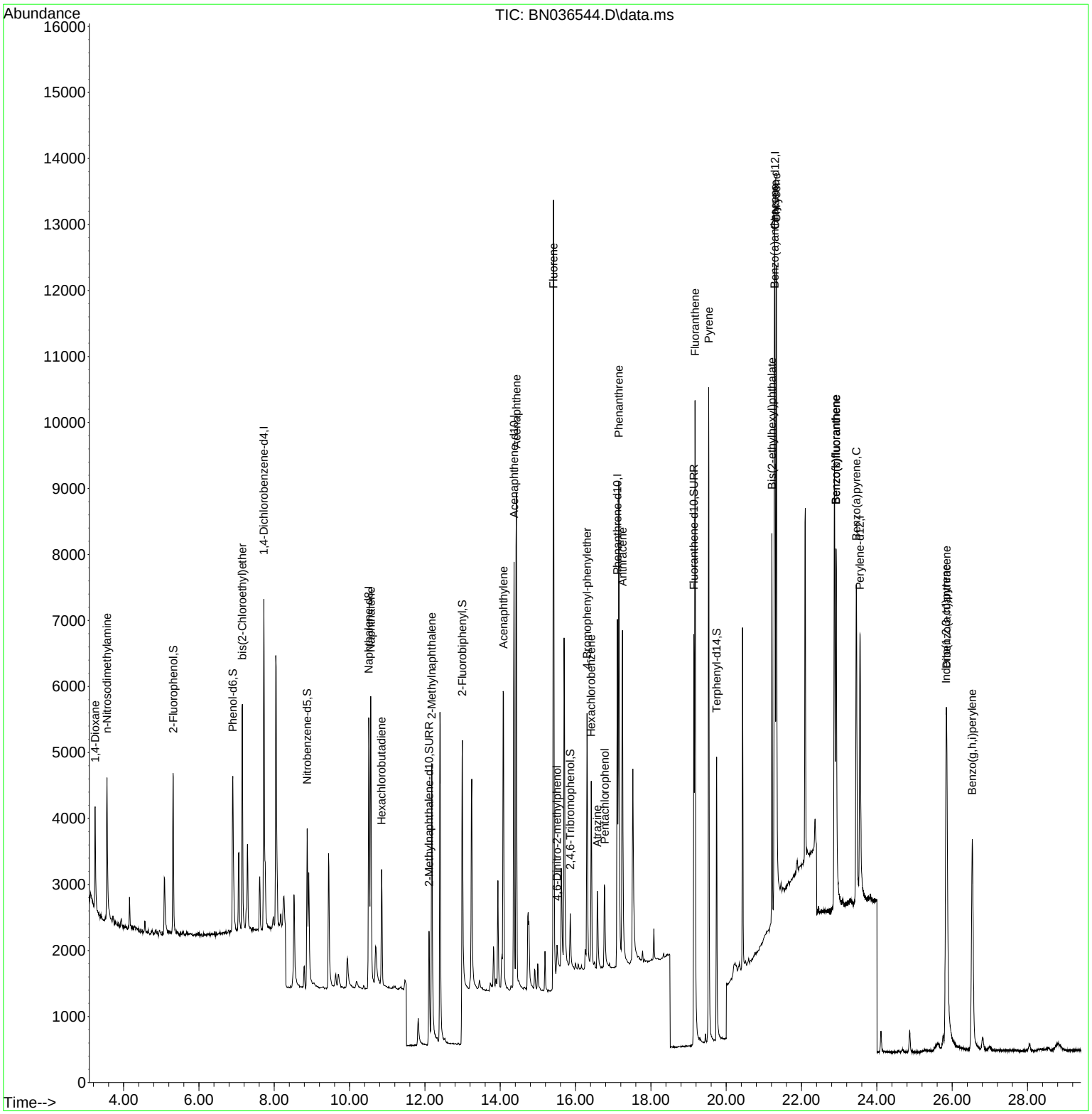
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.724	152	2418	0.400	ng		0.00
7) Naphthalene-d8	10.509	136	5958	0.400	ng		0.00
13) Acenaphthene-d10	14.366	164	3824	0.400	ng		0.00
19) Phenanthrene-d10	17.111	188	7611	0.400	ng		0.00
29) Chrysene-d12	21.295	240	6524	0.400	ng		0.00
35) Perylene-d12	23.552	264	6128	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.319	112	1945	0.340	ng		0.00
5) Phenol-d6	6.901	99	2348	0.350	ng		0.00
8) Nitrobenzene-d5	8.875	82	2182	0.371	ng		0.00
11) 2-Methylnaphthalene-d10	12.111	152	3046	0.333	ng		0.00
14) 2,4,6-Tribromophenol	15.858	330	531	0.280	ng		0.00
15) 2-Fluorobiphenyl	12.993	172	6917	0.481	ng		0.00
27) Fluoranthene-d10	19.141	212	7378	0.349	ng		0.00
31) Terphenyl-d14	19.745	244	4918	0.353	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.247	88	975	0.369	ng		98
3) n-Nitrosodimethylamine	3.557	42	1765	0.384	ng		97
6) bis(2-Chloroethyl)ether	7.154	93	2544	0.363	ng		96
9) Naphthalene	10.562	128	6154	0.358	ng		100
10) Hexachlorobutadiene	10.851	225	1473	0.352	ng	#	99
12) 2-Methylnaphthalene	12.182	142	3770	0.334	ng		97
16) Acenaphthylene	14.088	152	5815	0.344	ng		98
17) Acenaphthene	14.430	154	3874	0.343	ng		99
18) Fluorene	15.414	166	5255	0.327	ng		99
20) 4,6-Dinitro-2-methylph...	15.510	198	374	0.250	ng	#	77
21) 4-Bromophenyl-phenylether	16.305	248	1537	0.339	ng		97
22) Hexachlorobenzene	16.416	284	1967	0.351	ng		95
23) Atrazine	16.578	200	1250	0.330	ng	#	93
24) Pentachlorophenol	16.776	266	897	0.337	ng		97
25) Phenanthrene	17.149	178	7926	0.360	ng		100
26) Anthracene	17.248	178	6933	0.357	ng		99
28) Fluoranthene	19.174	202	9564	0.354	ng		99
30) Pyrene	19.536	202	9805	0.390	ng		99
32) Benzo(a)anthracene	21.286	228	8148	0.380	ng		99
33) Chrysene	21.331	228	8719	0.375	ng		99
34) Bis(2-ethylhexyl)phtha...	21.214	149	5173	0.387	ng		98
36) Indeno(1,2,3-cd)pyrene	25.841	276	8054	0.376	ng		98
37) Benzo(b)fluoranthene	22.917	252	8124	0.403	ng		98
38) Benzo(k)fluoranthene	22.917	252	8124	0.391	ng		98
39) Benzo(a)pyrene	23.455	252	7105	0.403	ng	#	82
40) Dibenzo(a,h)anthracene	25.852	278	6116	0.362	ng		99
41) Benzo(g,h,i)perylene	26.534	276	7136	0.372	ng		98

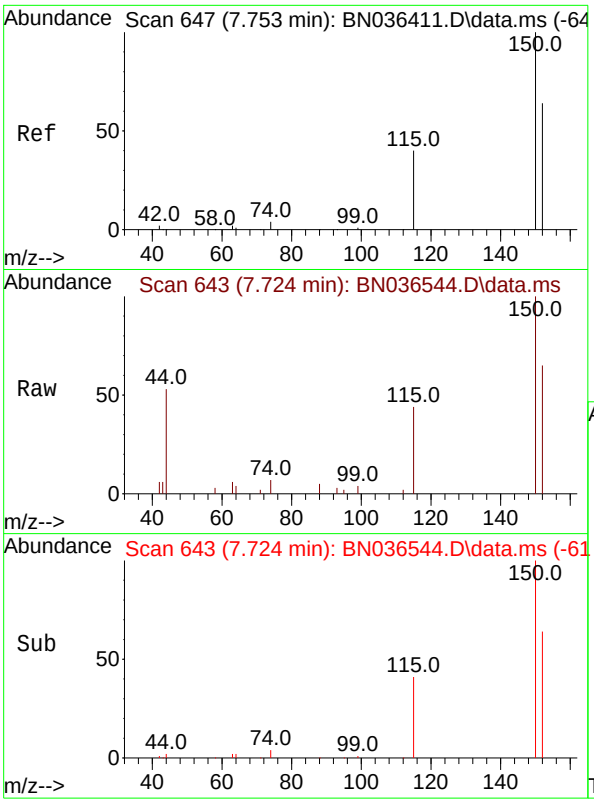
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030725\
Data File : BN036544.D
Acq On : 07 Mar 2025 13:00
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Mar 07 13:43:41 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



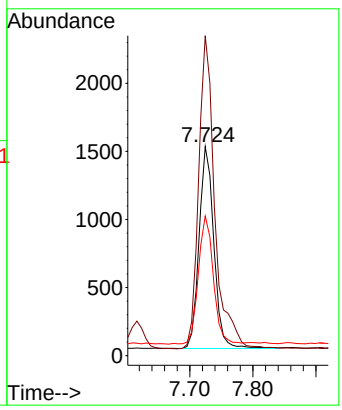


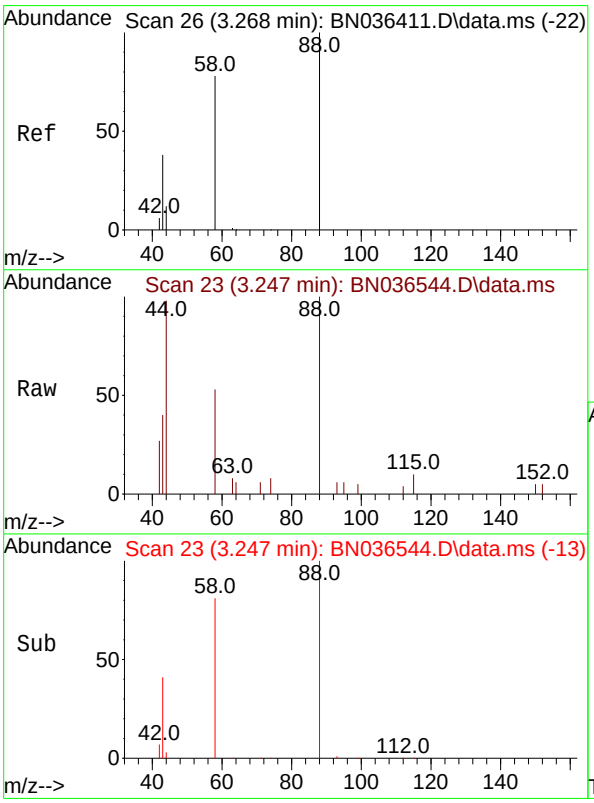
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.724 min Scan# 64
Delta R.T. -0.008 min
Lab File: BN036544.D
Acq: 07 Mar 2025 13:00

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 2418

Ion	Ratio	Lower	Upper
152	100		
150	153.0	123.7	185.5
115	66.7	52.5	78.7

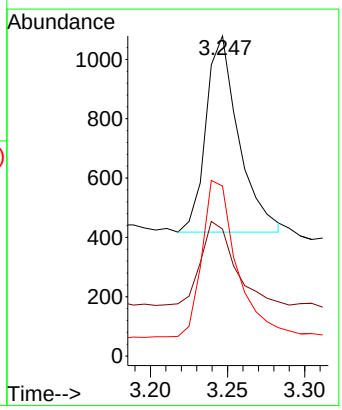


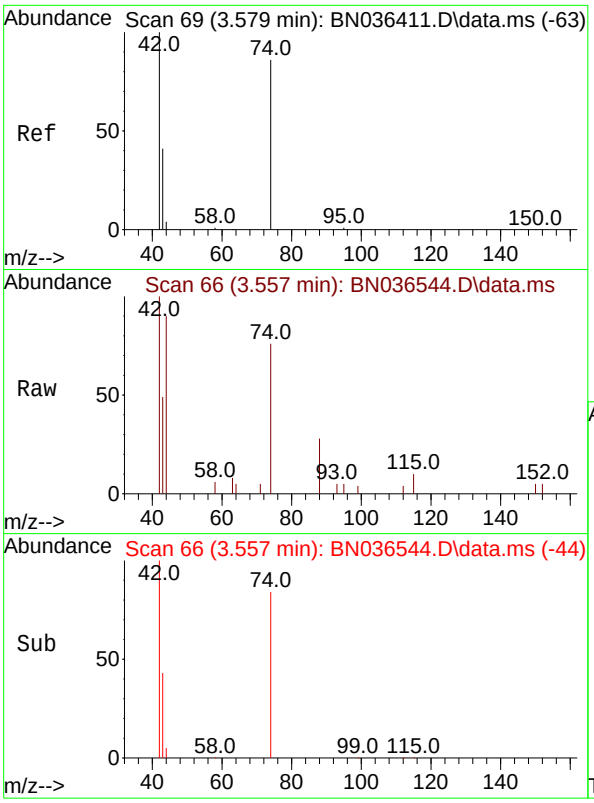


#2
1,4-Dioxane
Concen: 0.369 ng
RT: 3.247 min Scan# 23
Delta R.T. 0.000 min
Lab File: BN036544.D
Acq: 07 Mar 2025 13:00

Tgt Ion: 88 Resp: 975

Ion	Ratio	Lower	Upper
88	100		
43	44.6	33.7	50.5
58	85.0	68.9	103.3



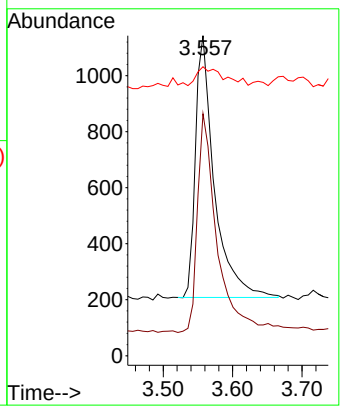


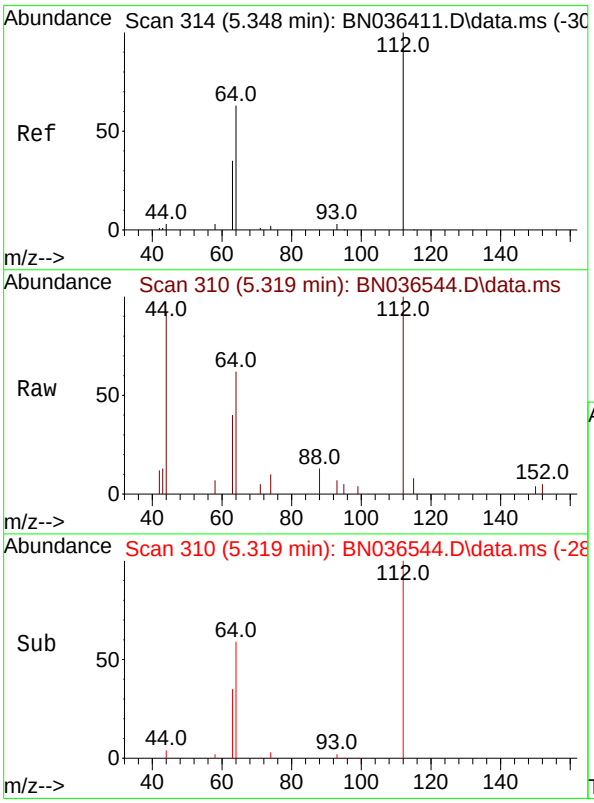
#3
n-Nitrosodimethylamine
Concen: 0.384 ng
RT: 3.557 min Scan# 6
Delta R.T. 0.007 min
Lab File: BN036544.D
Acq: 07 Mar 2025 13:00

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 1765

Ion	Ratio	Lower	Upper
42	100		
74	86.6	71.8	107.6
44	10.5	7.8	11.6

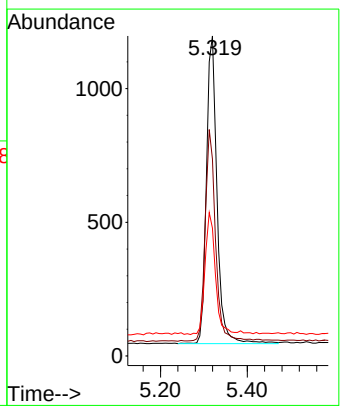


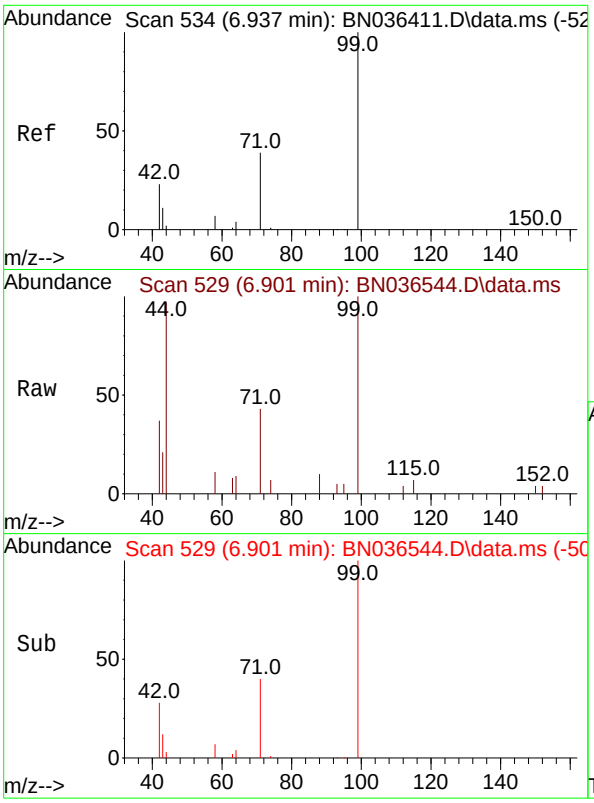


#4
2-Fluorophenol
Concen: 0.340 ng
RT: 5.319 min Scan# 310
Delta R.T. 0.000 min
Lab File: BN036544.D
Acq: 07 Mar 2025 13:00

Tgt Ion:112 Resp: 1945

Ion	Ratio	Lower	Upper
112	100		
64	67.7	53.4	80.0
63	38.8	30.3	45.5



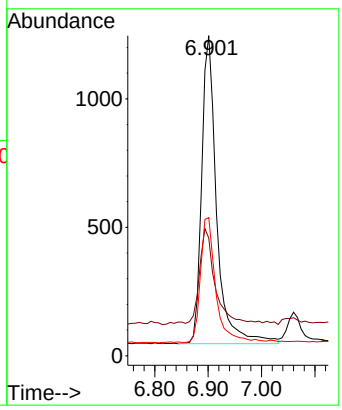


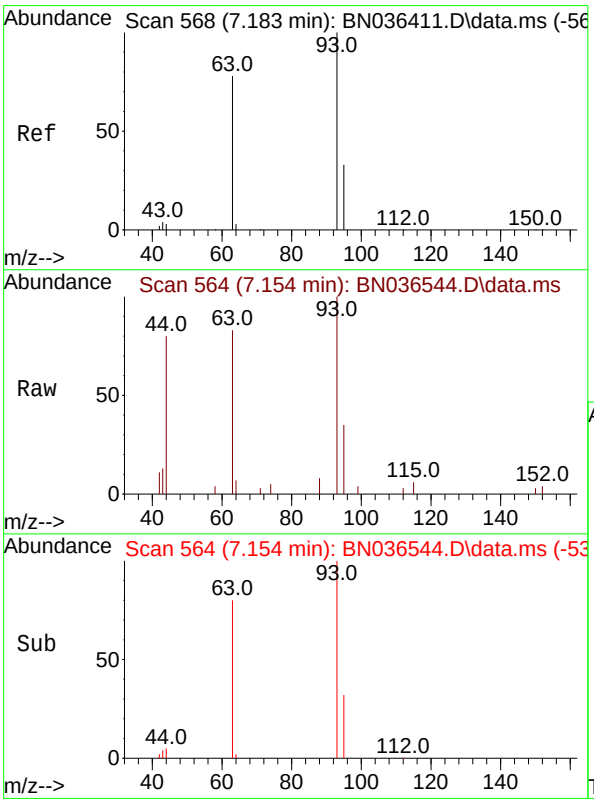
#5
Phenol-d6
Concen: 0.350 ng
RT: 6.901 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN036544.D
Acq: 07 Mar 2025 13:00

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 2348

Ion	Ratio	Lower	Upper
99	100		
42	33.8	21.7	32.5#
71	41.2	32.6	49.0

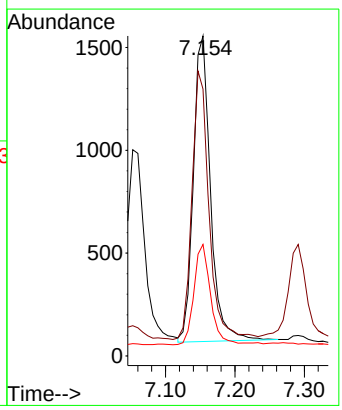


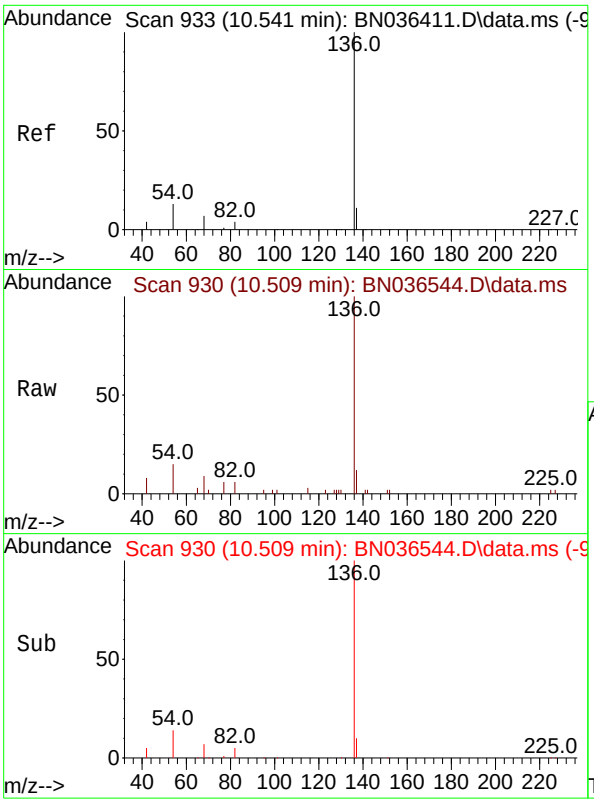


#6
bis(2-Chloroethyl)ether
Concen: 0.363 ng
RT: 7.154 min Scan# 564
Delta R.T. 0.000 min
Lab File: BN036544.D
Acq: 07 Mar 2025 13:00

Tgt Ion: 93 Resp: 2544

Ion	Ratio	Lower	Upper
93	100		
63	87.5	66.3	99.5
95	32.0	26.2	39.4



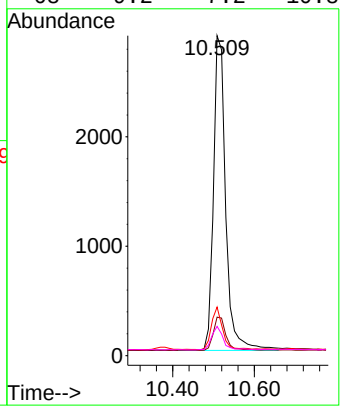


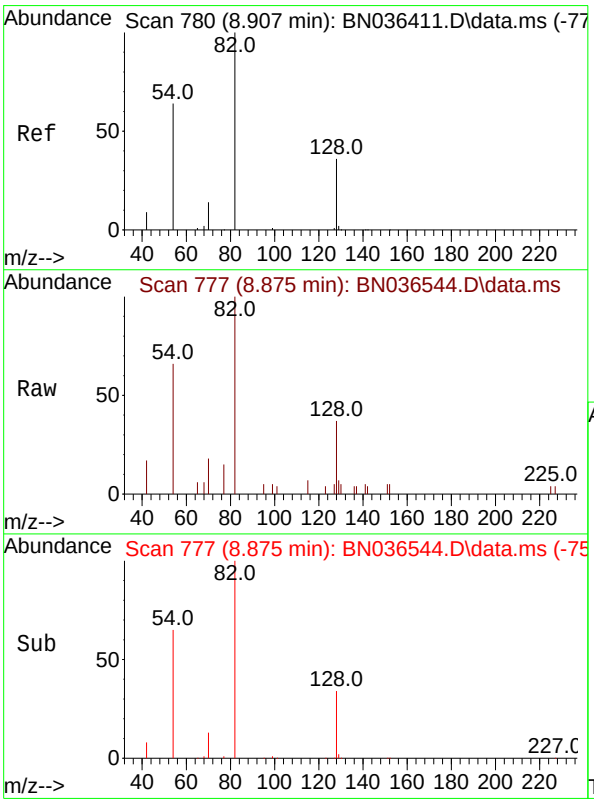
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN036544.D
Acq: 07 Mar 2025 13:00

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 5958

Ion	Ratio	Lower	Upper
136	100		
137	12.1	10.1	15.1
54	15.2	11.8	17.6
68	9.2	7.2	10.8

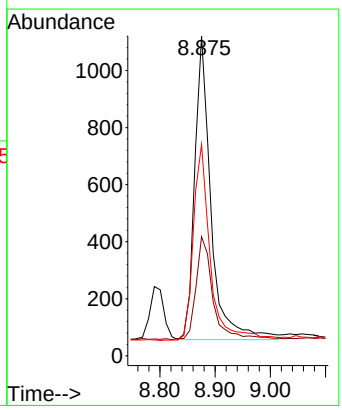


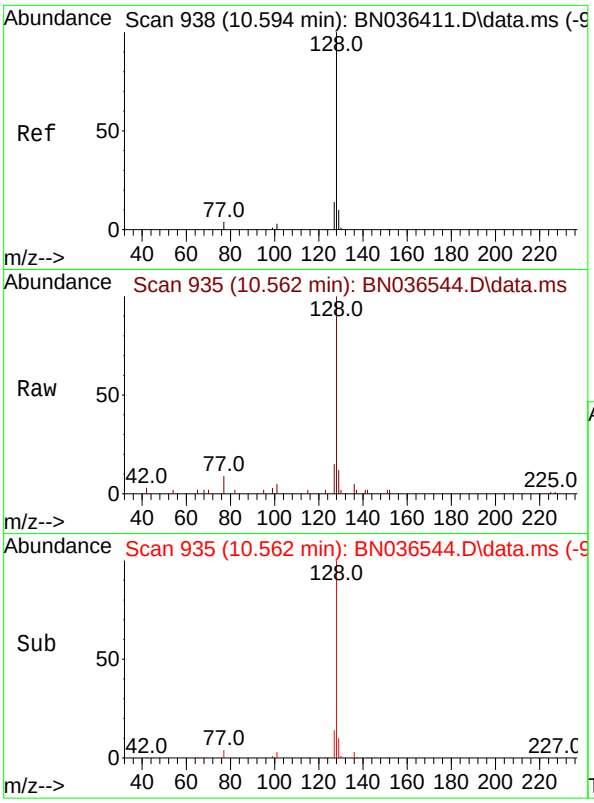


#8
Nitrobenzene-d5
Concen: 0.371 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN036544.D
Acq: 07 Mar 2025 13:00

Tgt Ion: 82 Resp: 2182

Ion	Ratio	Lower	Upper
82	100		
128	37.3	31.9	47.9
54	66.1	53.1	79.7



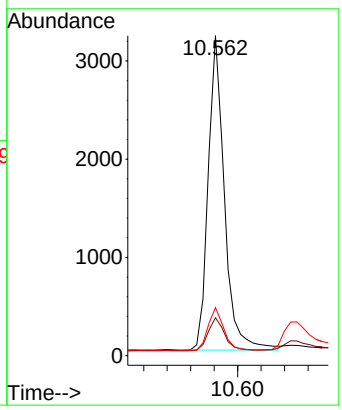


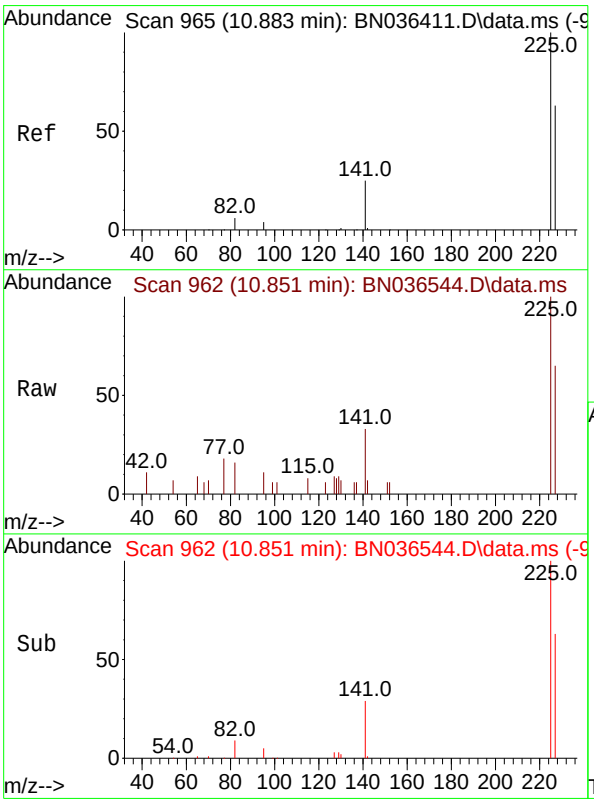
#9
Naphthalene
Concen: 0.358 ng
RT: 10.562 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN036544.D
Acq: 07 Mar 2025 13:00

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 6154

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.6	14.4
127	15.0	12.0	18.0

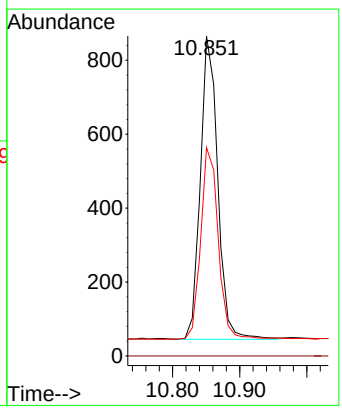


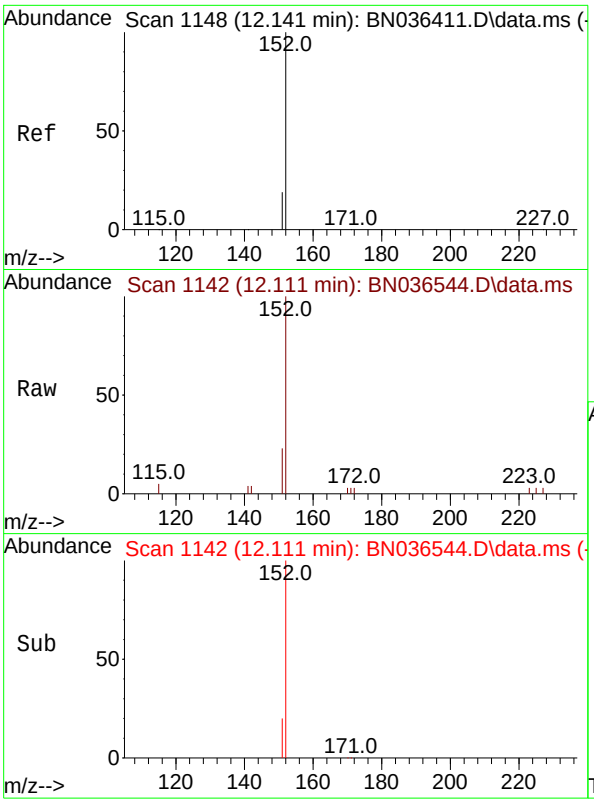


#10
Hexachlorobutadiene
Concen: 0.352 ng
RT: 10.851 min Scan# 962
Delta R.T. 0.000 min
Lab File: BN036544.D
Acq: 07 Mar 2025 13:00

Tgt Ion:225 Resp: 1473

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.3	50.9	76.3



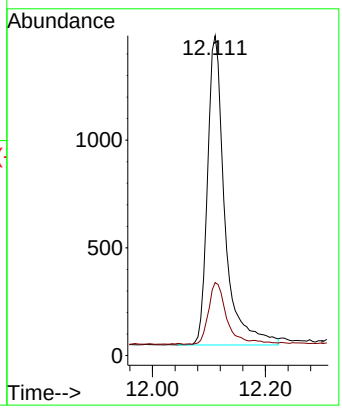


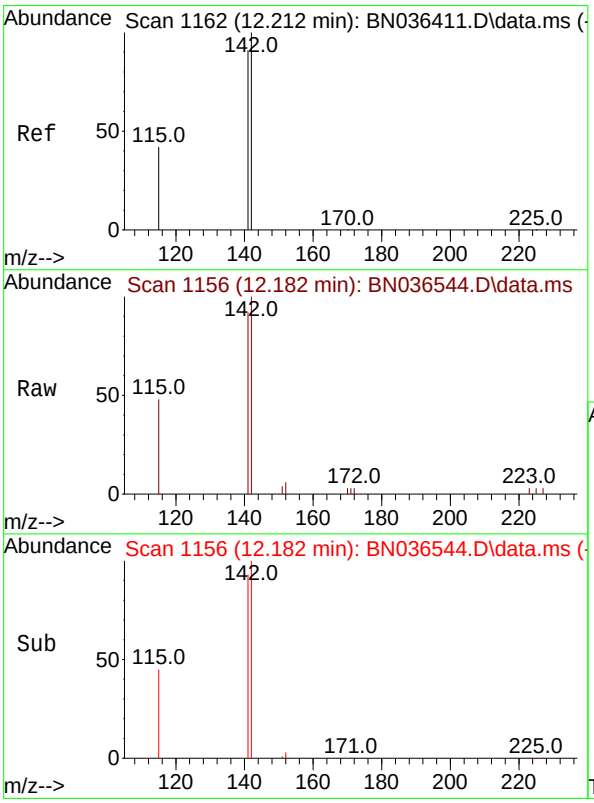
#11
2-Methylnaphthalene-d10
Concen: 0.333 ng
RT: 12.111 min Scan# 11
Delta R.T. 0.005 min
Lab File: BN036544.D
Acq: 07 Mar 2025 13:00

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 3046

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.6	25.0

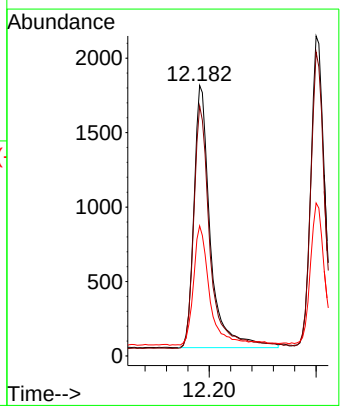


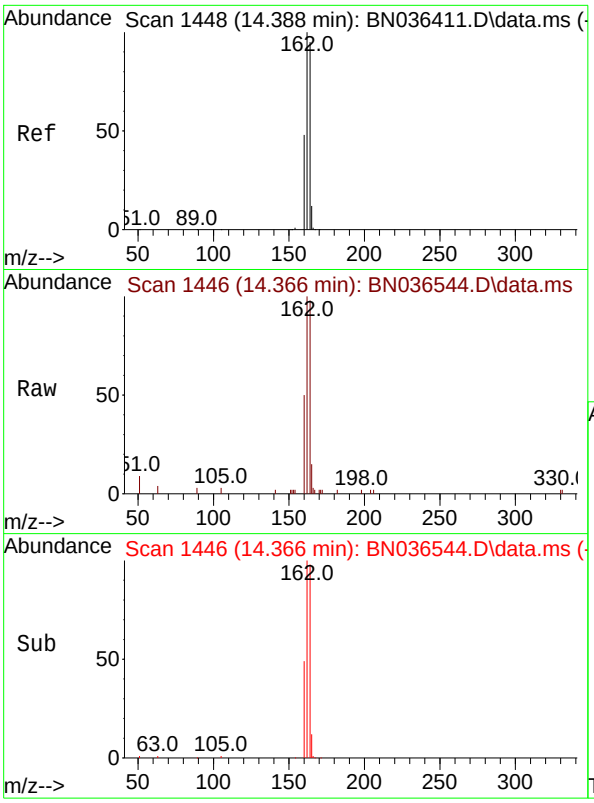


#12
2-Methylnaphthalene
Concen: 0.334 ng
RT: 12.182 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BN036544.D
Acq: 07 Mar 2025 13:00

Tgt Ion:142 Resp: 3770

Ion	Ratio	Lower	Upper
142	100		
141	92.5	72.8	109.2
115	48.1	35.5	53.3



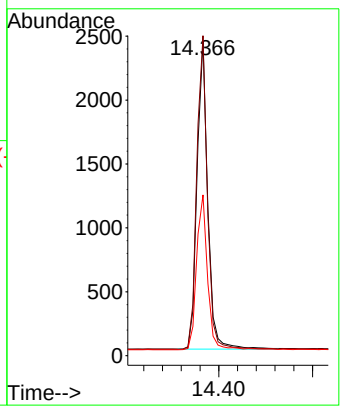


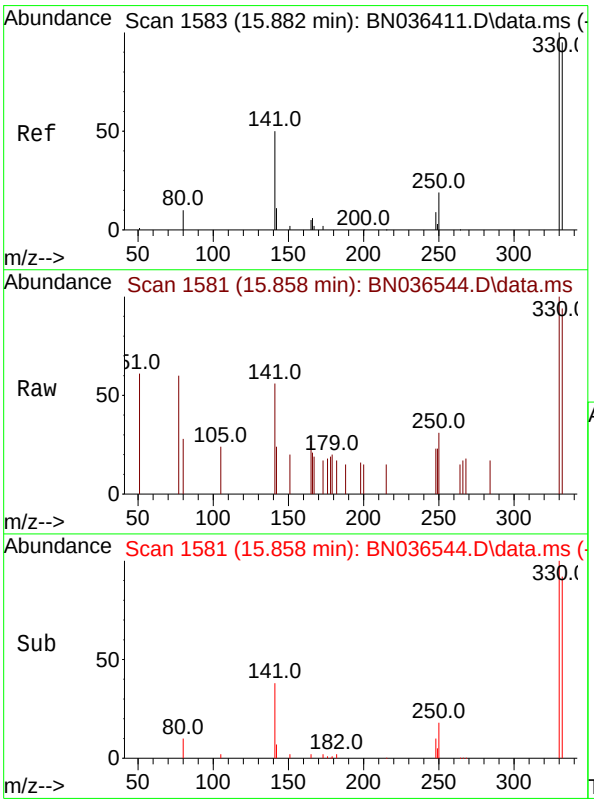
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.366 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN036544.D
Acq: 07 Mar 2025 13:00

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 3824

Ion	Ratio	Lower	Upper
164	100		
162	101.7	84.1	126.1
160	51.1	41.4	62.0

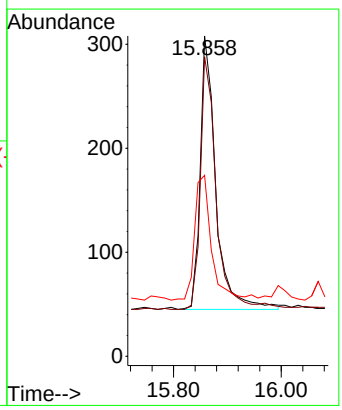


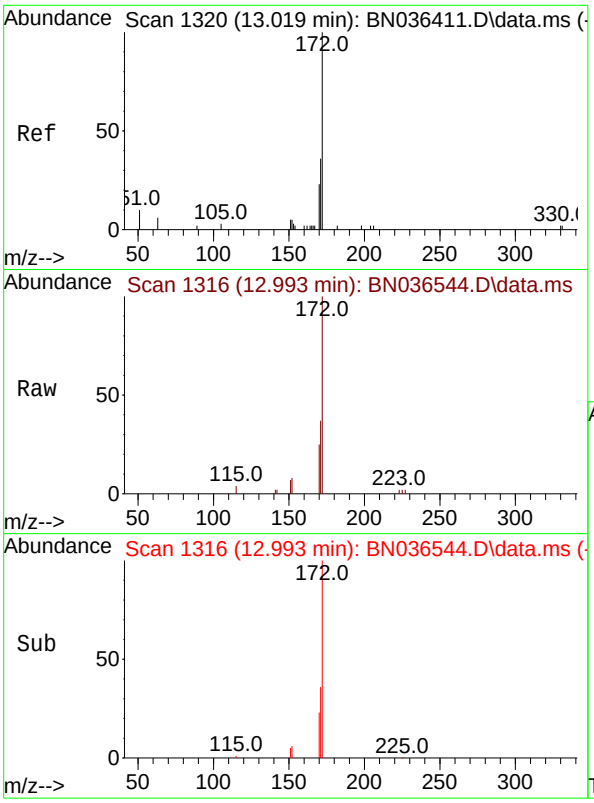


#14
2,4,6-Tribromophenol
Concen: 0.280 ng
RT: 15.858 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BN036544.D
Acq: 07 Mar 2025 13:00

Tgt Ion:330 Resp: 531

Ion	Ratio	Lower	Upper
330	100		
332	93.6	76.6	114.8
141	48.4	37.8	56.8



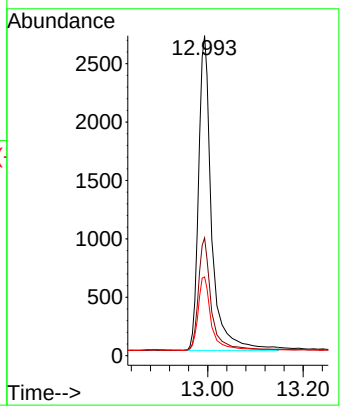


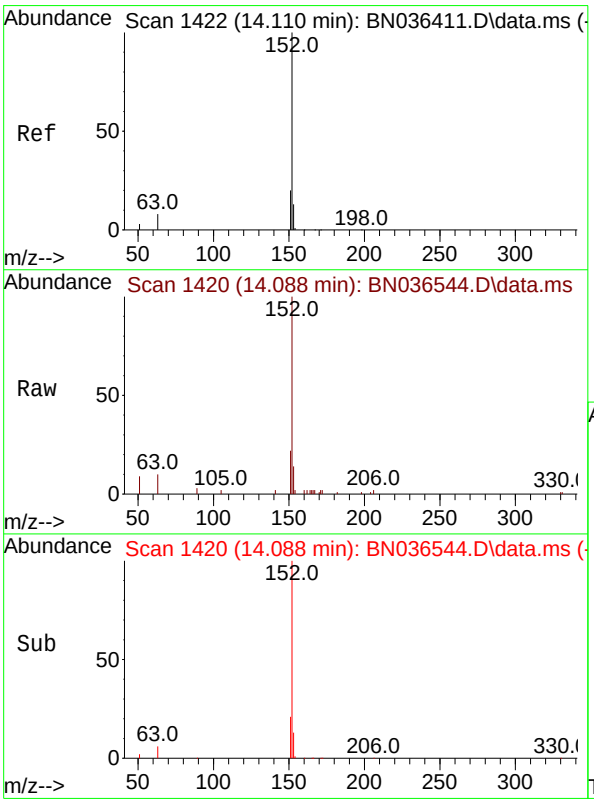
#15
2-Fluorobiphenyl
Concen: 0.481 ng
RT: 12.993 min Scan# 1
Delta R.T. 0.005 min
Lab File: BN036544.D
Acq: 07 Mar 2025 13:00

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 6917

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.6	44.4
170	24.6	19.8	29.6

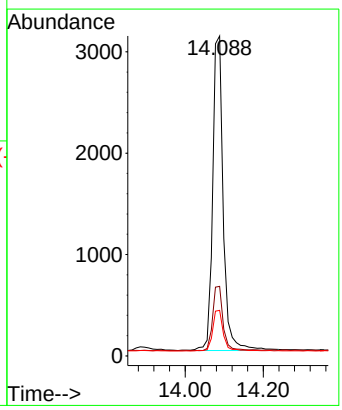


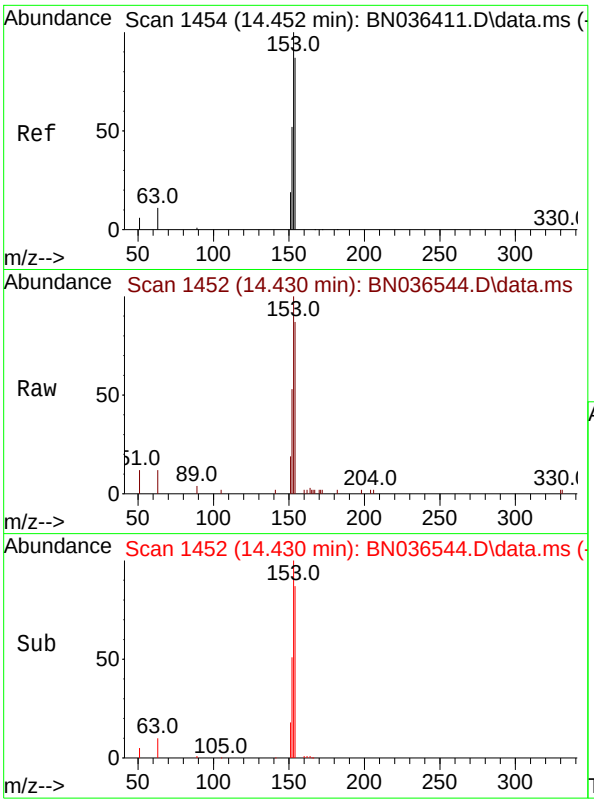


#16
Acenaphthylene
Concen: 0.344 ng
RT: 14.088 min Scan# 1420
Delta R.T. 0.011 min
Lab File: BN036544.D
Acq: 07 Mar 2025 13:00

Tgt Ion:152 Resp: 5815

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.8	23.8
153	13.4	10.2	15.2



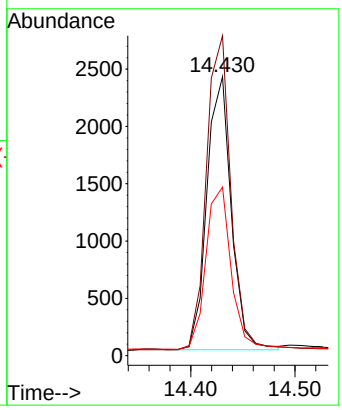


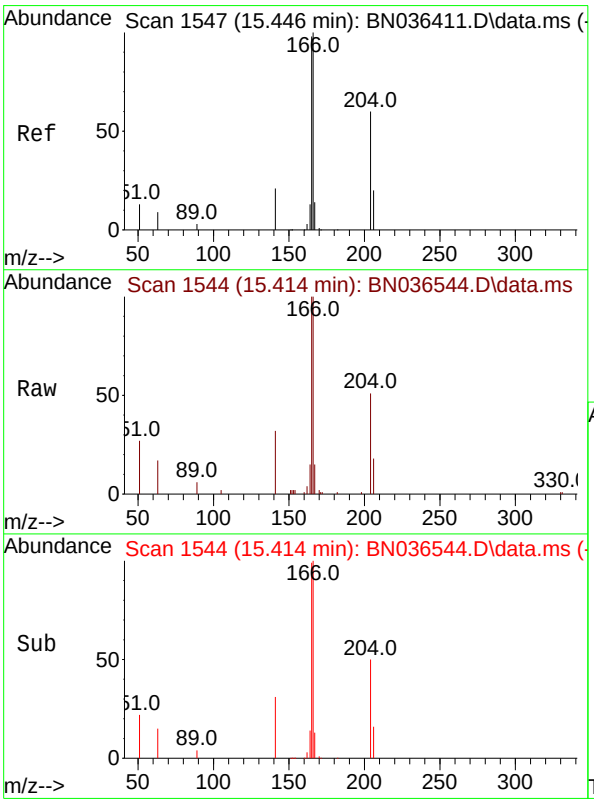
#17
Acenaphthene
Concen: 0.343 ng
RT: 14.430 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN036544.D
Acq: 07 Mar 2025 13:00

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 3874

Ion	Ratio	Lower	Upper
154	100		
153	116.6	93.3	139.9
152	62.5	48.8	73.2

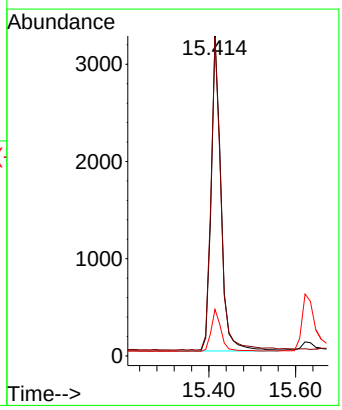


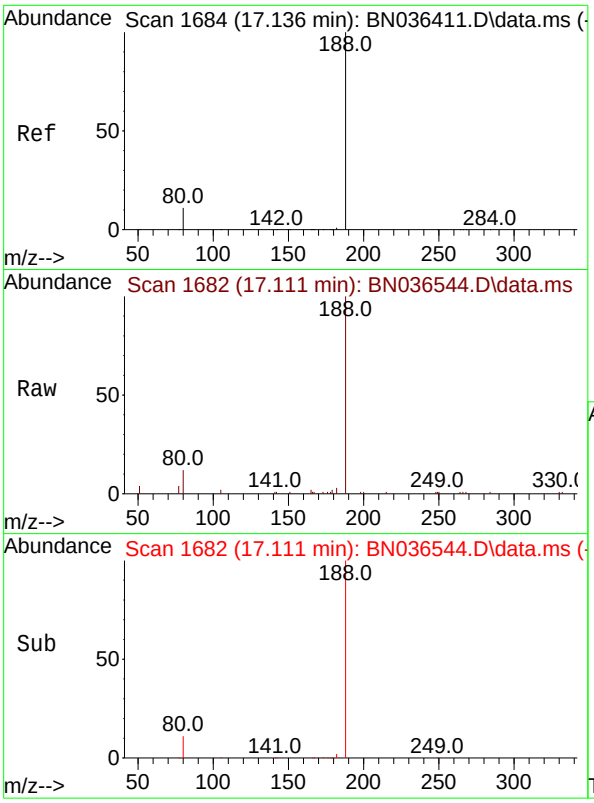


#18
Fluorene
Concen: 0.327 ng
RT: 15.414 min Scan# 1544
Delta R.T. 0.000 min
Lab File: BN036544.D
Acq: 07 Mar 2025 13:00

Tgt Ion:166 Resp: 5255

Ion	Ratio	Lower	Upper
166	100		
165	100.1	79.5	119.3
167	13.1	10.4	15.6



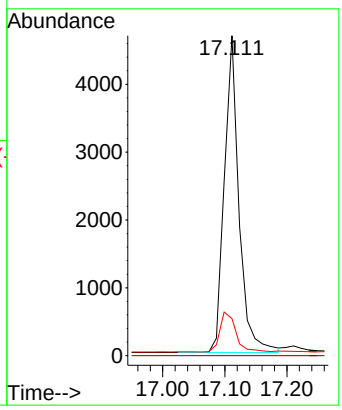


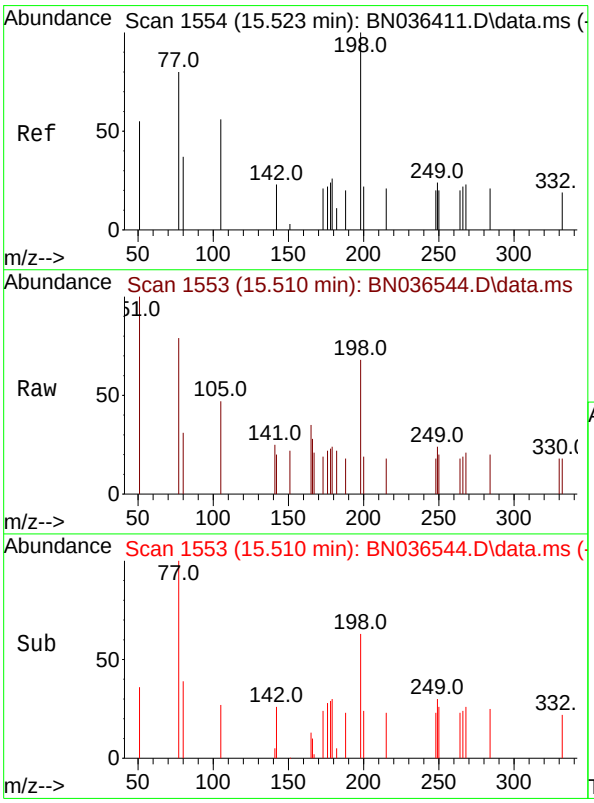
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.111 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036544.D
Acq: 07 Mar 2025 13:00

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 7611

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.6	9.8	14.6

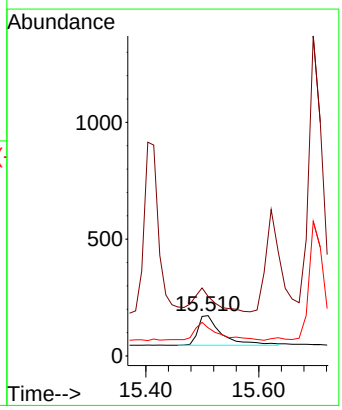


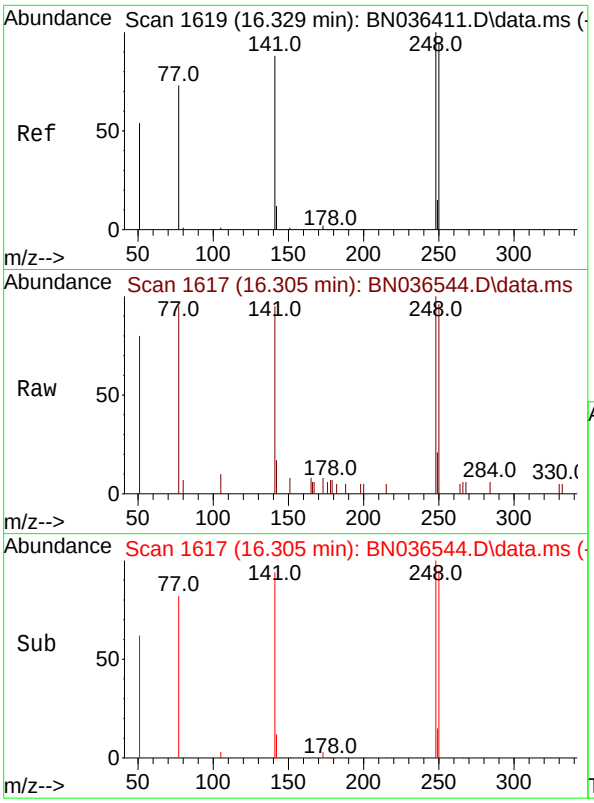


#20
4,6-Dinitro-2-methylphenol
Concen: 0.250 ng
RT: 15.510 min Scan# 1553
Delta R.T. 0.011 min
Lab File: BN036544.D
Acq: 07 Mar 2025 13:00

Tgt Ion:198 Resp: 374

Ion	Ratio	Lower	Upper
198	100		
51	147.4	86.6	129.8#
105	69.9	57.5	86.3



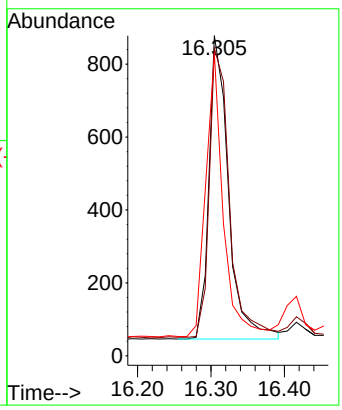


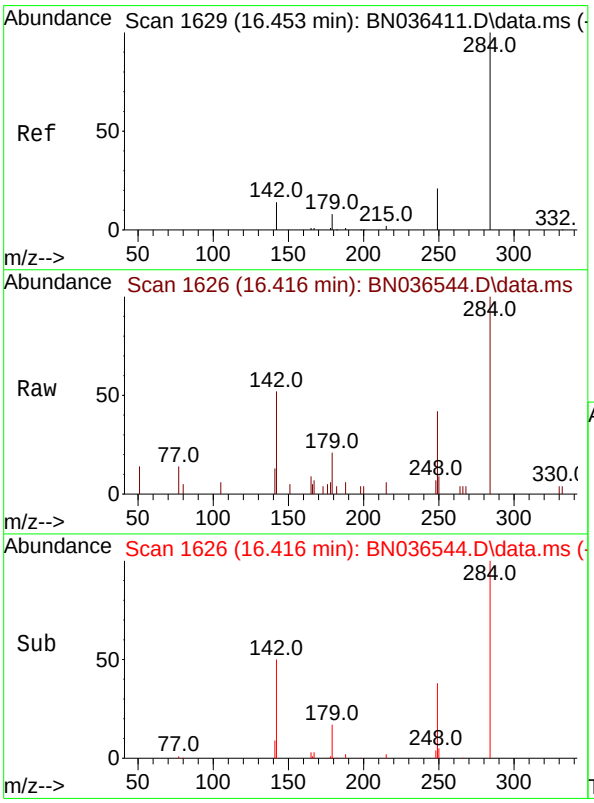
#21
4-Bromophenyl-phenylether
Concen: 0.339 ng
RT: 16.305 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036544.D
Acq: 07 Mar 2025 13:00

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:248 Resp: 1537

Ion	Ratio	Lower	Upper
248	100		
250	96.1	76.1	114.1
141	94.6	71.7	107.5

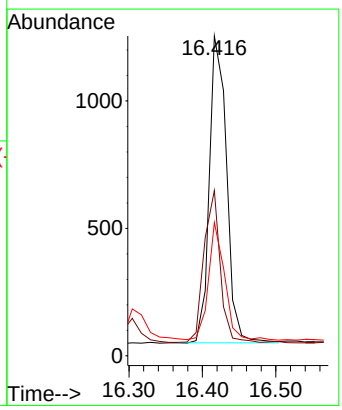


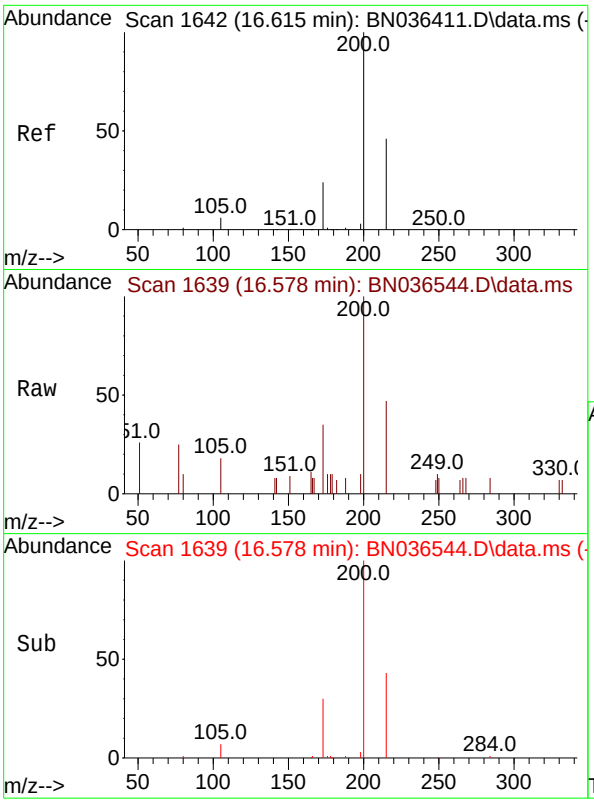


#22
Hexachlorobenzene
Concen: 0.351 ng
RT: 16.416 min Scan# 1626
Delta R.T. 0.000 min
Lab File: BN036544.D
Acq: 07 Mar 2025 13:00

Tgt Ion:284 Resp: 1967

Ion	Ratio	Lower	Upper
284	100		
142	47.5	33.4	50.0
249	36.1	28.6	43.0



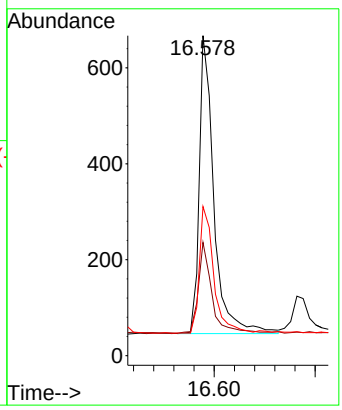


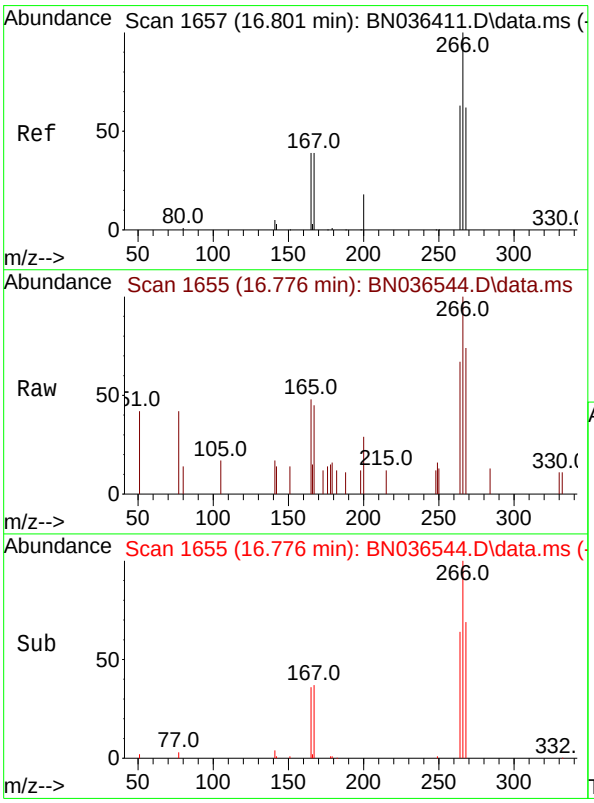
#23
Atrazine
Concen: 0.330 ng
RT: 16.578 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036544.D
Acq: 07 Mar 2025 13:00

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:200 Resp: 1250

Ion	Ratio	Lower	Upper
200	100		
173	35.4	23.2	34.8#
215	46.6	40.0	60.0

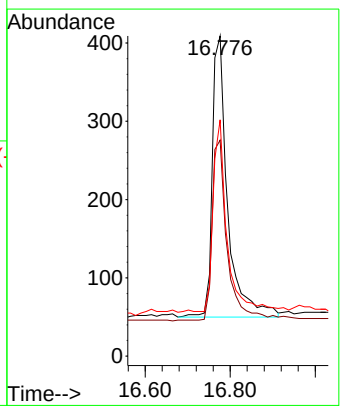


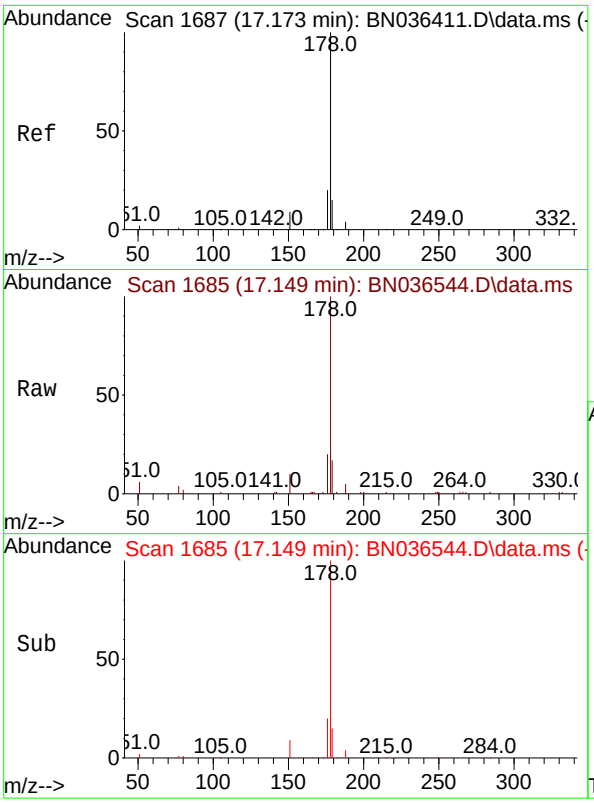


#24
Pentachlorophenol
Concen: 0.337 ng
RT: 16.776 min Scan# 1655
Delta R.T. 0.012 min
Lab File: BN036544.D
Acq: 07 Mar 2025 13:00

Tgt Ion:266 Resp: 897

Ion	Ratio	Lower	Upper
266	100		
264	62.7	50.6	76.0
268	61.0	51.9	77.9



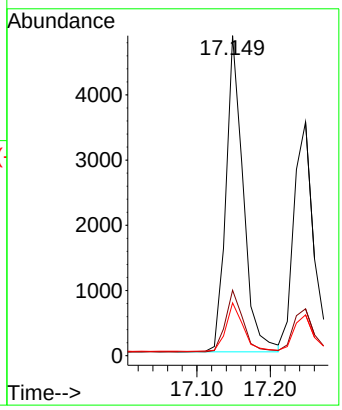


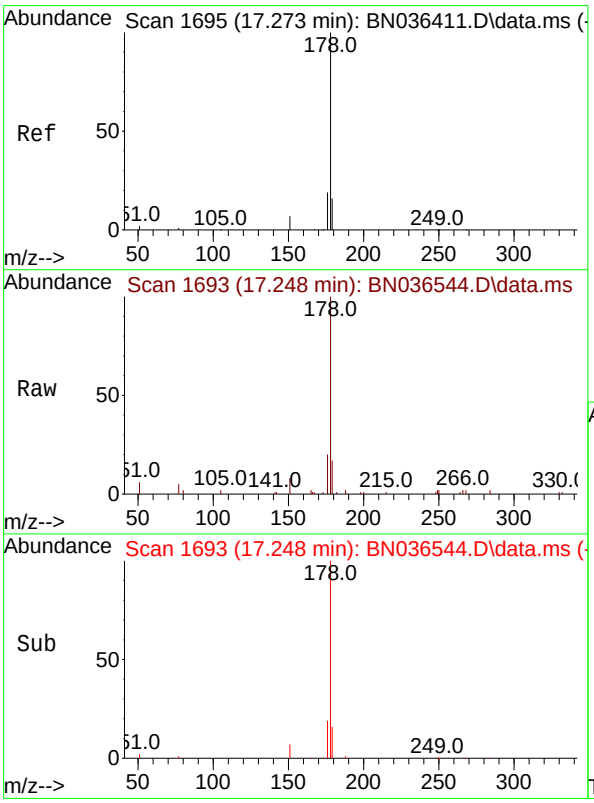
#25
Phenanthrene
Concen: 0.360 ng
RT: 17.149 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036544.D
Acq: 07 Mar 2025 13:00

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 7926

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

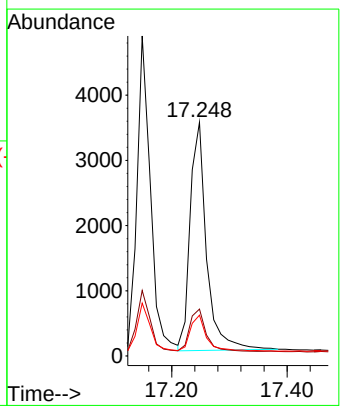


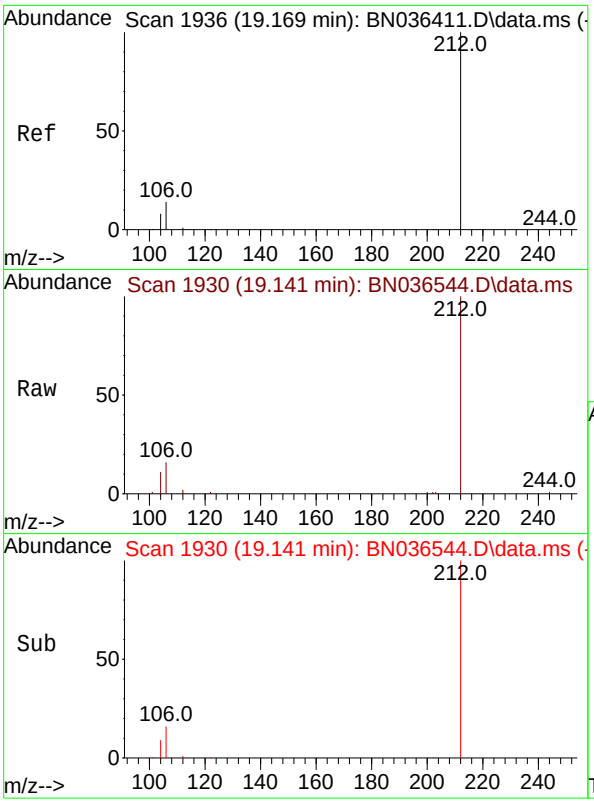


#26
Anthracene
Concen: 0.357 ng
RT: 17.248 min Scan# 1693
Delta R.T. 0.012 min
Lab File: BN036544.D
Acq: 07 Mar 2025 13:00

Tgt Ion:178 Resp: 6933

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.9	22.3
179	15.9	12.4	18.6



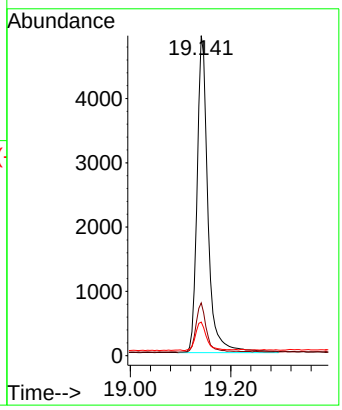


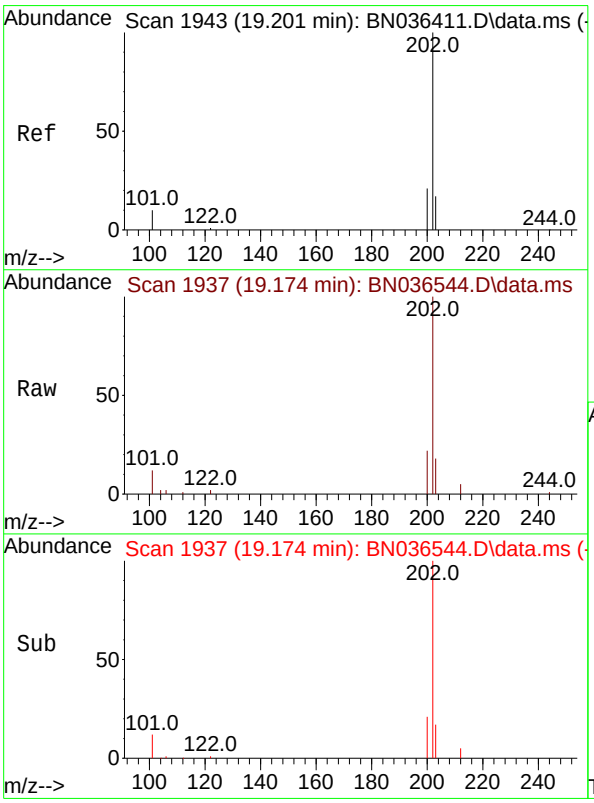
#27
Fluoranthene-d10
Concen: 0.349 ng
RT: 19.141 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036544.D
Acq: 07 Mar 2025 13:00

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 7378

Ion	Ratio	Lower	Upper
212	100		
106	15.1	11.5	17.3
104	9.3	7.1	10.7

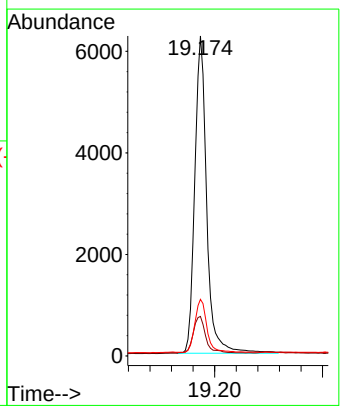


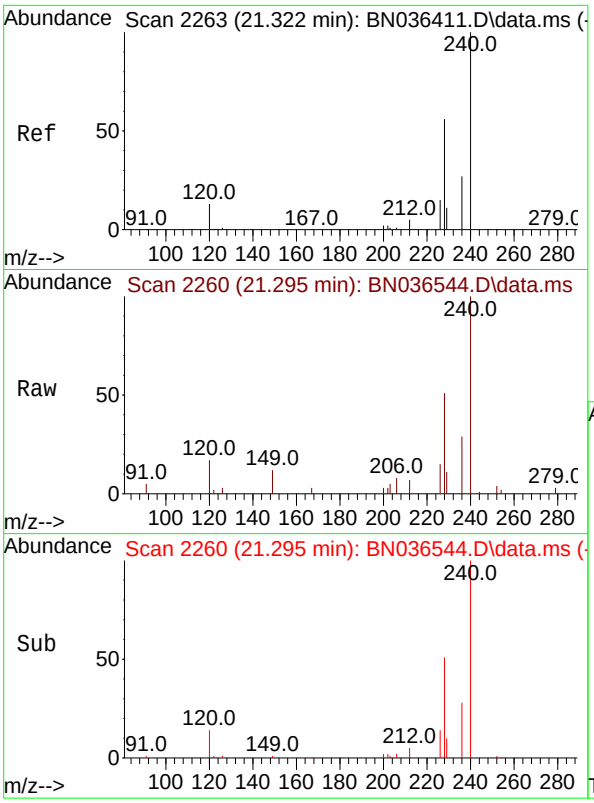


#28
Fluoranthene
Concen: 0.354 ng
RT: 19.174 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BN036544.D
Acq: 07 Mar 2025 13:00

Tgt Ion:202 Resp: 9564

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.2	13.8
203	16.8	13.4	20.0



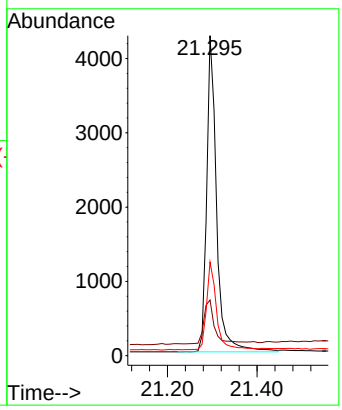


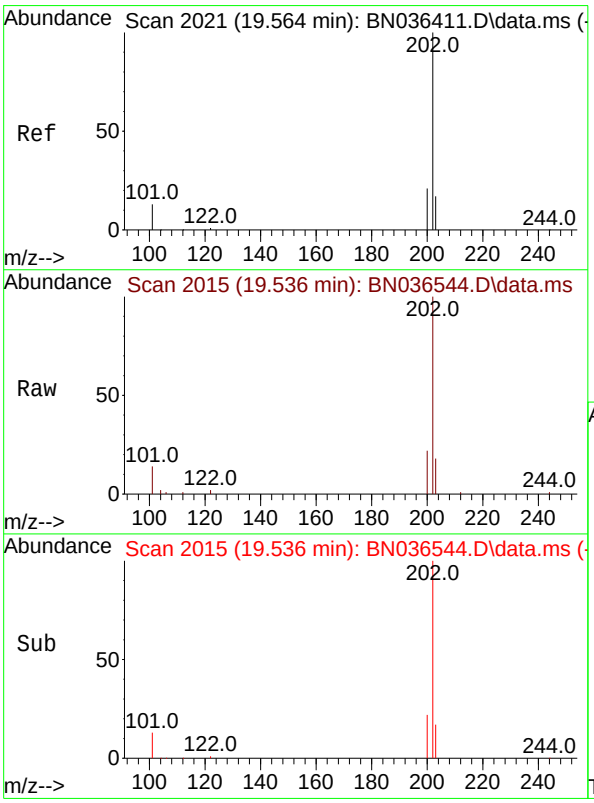
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN036544.D
Acq: 07 Mar 2025 13:00

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 6524

Ion	Ratio	Lower	Upper
240	100		
120	17.4	13.3	19.9
236	29.2	23.0	34.6

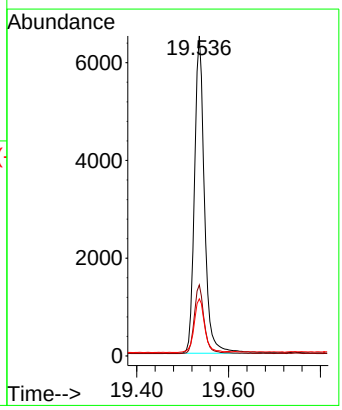


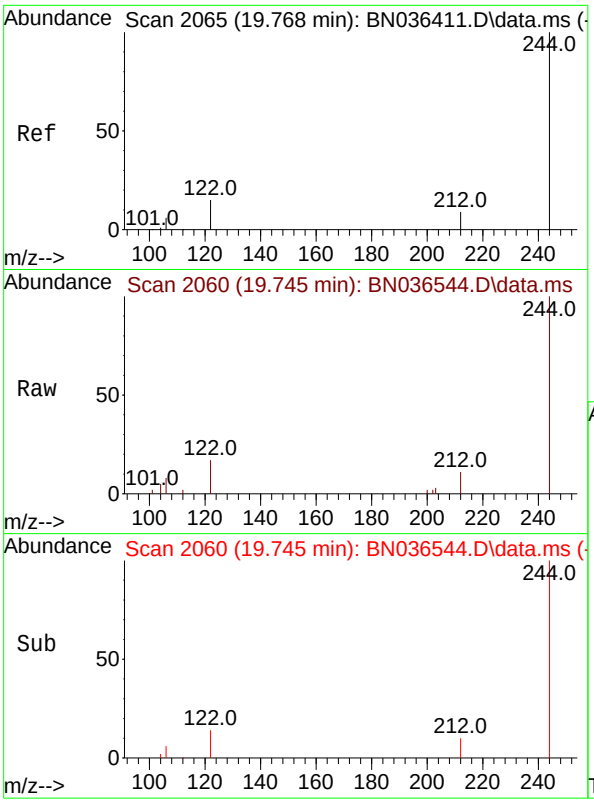


#30
Pyrene
Concen: 0.390 ng
RT: 19.536 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BN036544.D
Acq: 07 Mar 2025 13:00

Tgt Ion:202 Resp: 9805

Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.9	25.3
203	17.8	13.9	20.9



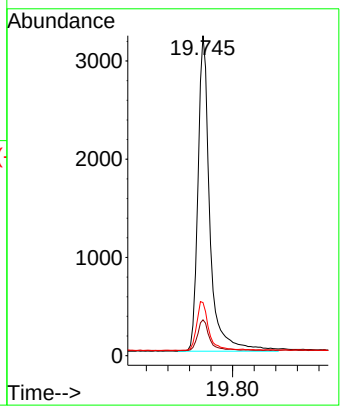


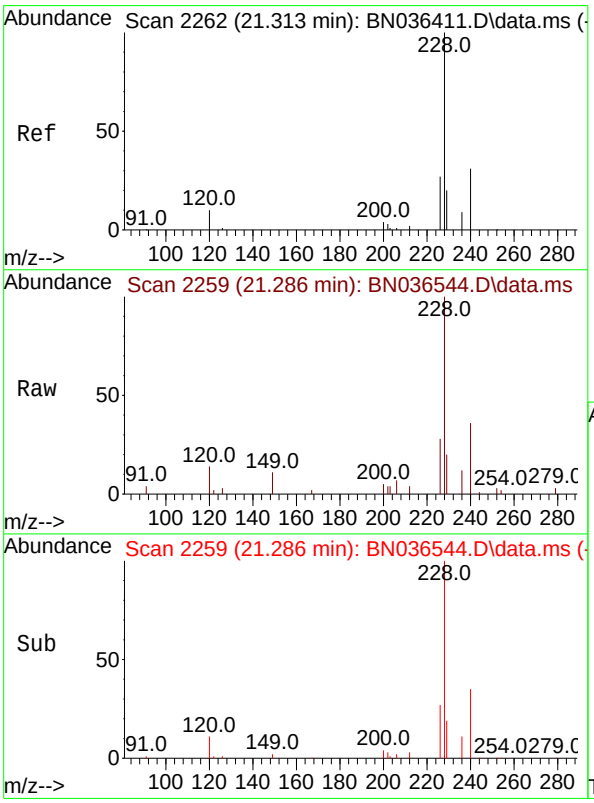
#31
Terphenyl-d14
Concen: 0.353 ng
RT: 19.745 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN036544.D
Acq: 07 Mar 2025 13:00

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 4918

Ion	Ratio	Lower	Upper
244	100		
212	11.2	8.1	12.1
122	16.6	12.8	19.2

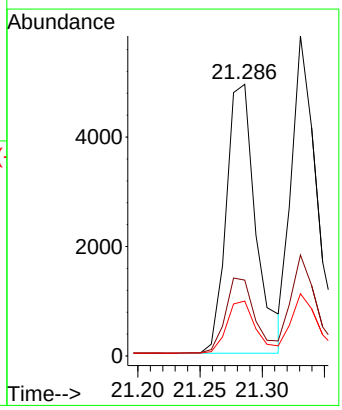


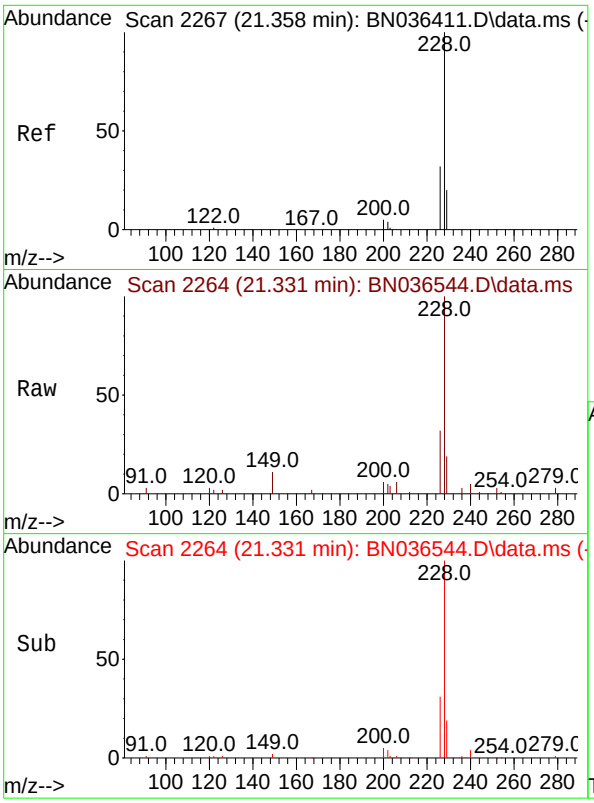


#32
Benzo(a)anthracene
Concen: 0.380 ng
RT: 21.286 min Scan# 2259
Delta R.T. 0.009 min
Lab File: BN036544.D
Acq: 07 Mar 2025 13:00

Tgt Ion:228 Resp: 8148

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.2	33.2
229	20.2	16.5	24.7



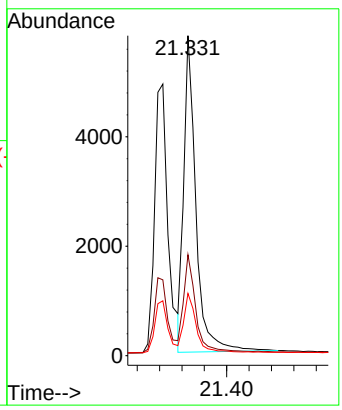


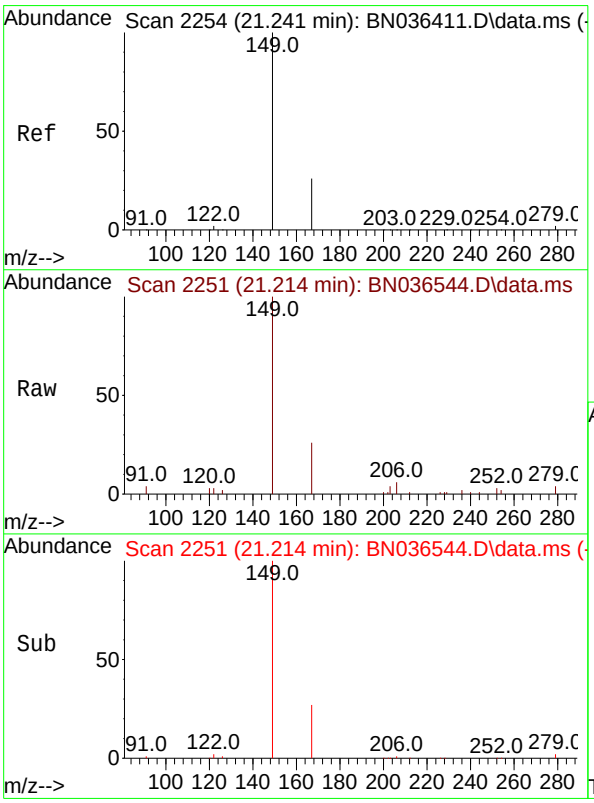
#33
Chrysene
Concen: 0.375 ng
RT: 21.331 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN036544.D
Acq: 07 Mar 2025 13:00

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 8719

Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.5	38.3
229	19.5	16.4	24.6

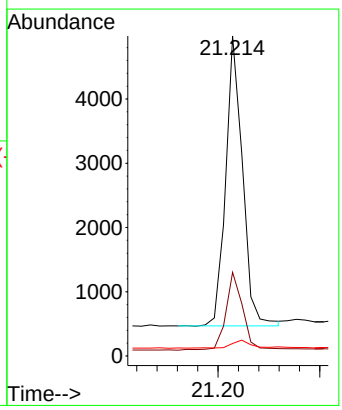


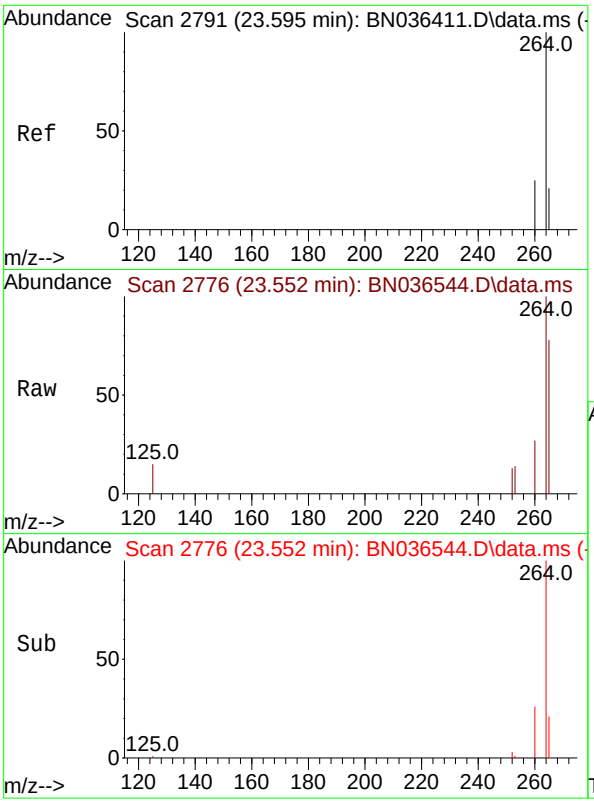


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.387 ng
RT: 21.214 min Scan# 2251
Delta R.T. 0.000 min
Lab File: BN036544.D
Acq: 07 Mar 2025 13:00

Tgt Ion:149 Resp: 5173

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.2	31.8
279	3.1	2.7	4.1



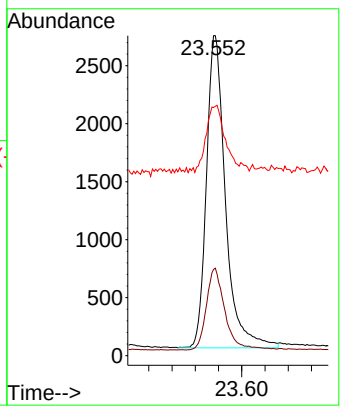


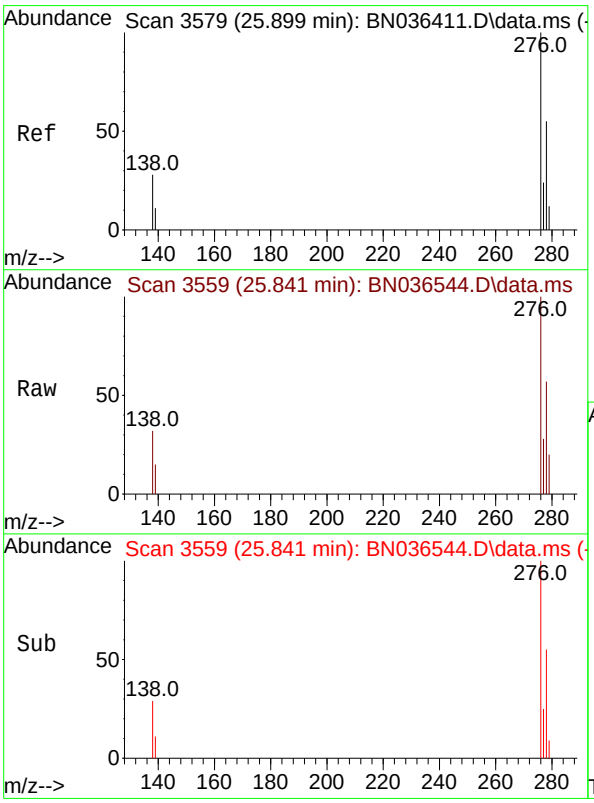
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.552 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN036544.D
Acq: 07 Mar 2025 13:00

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 6128

Ion	Ratio	Lower	Upper
264	100		
260	27.0	20.9	31.3
265	77.5	60.7	91.1

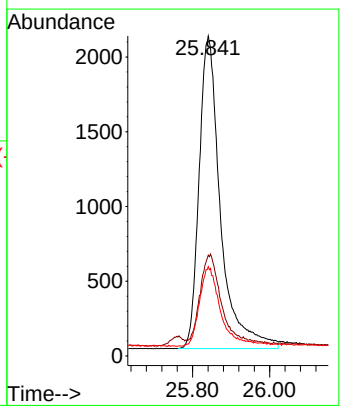


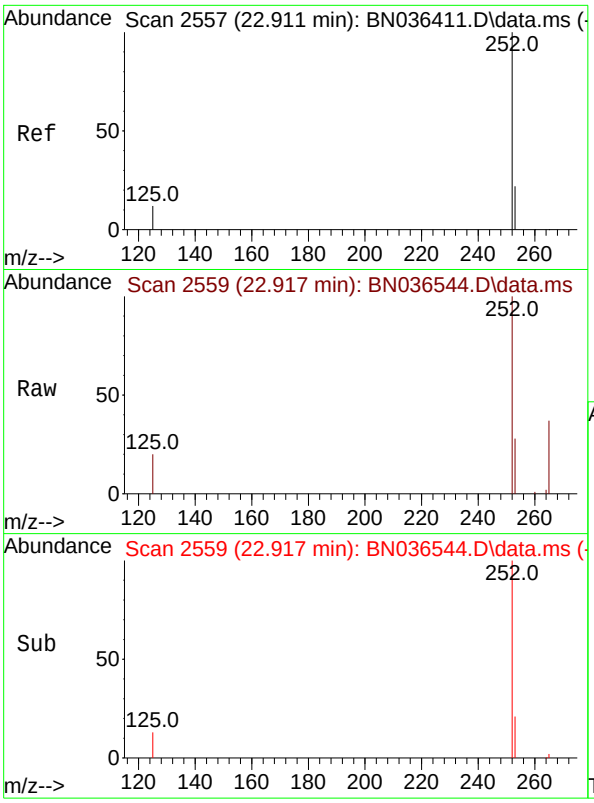


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.376 ng
RT: 25.841 min Scan# 3559
Delta R.T. 0.003 min
Lab File: BN036544.D
Acq: 07 Mar 2025 13:00

Tgt Ion:276 Resp: 8054

Ion	Ratio	Lower	Upper
276	100		
138	25.9	22.2	33.2
277	24.5	19.8	29.6



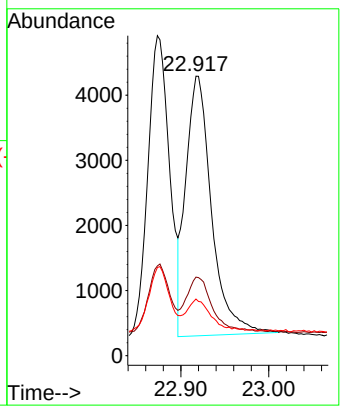


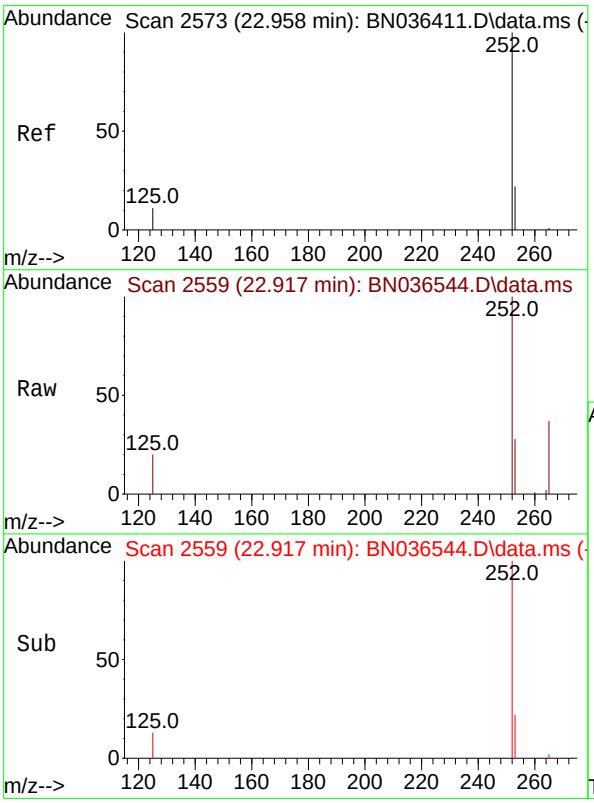
#37
Benzo(b)fluoranthene
Concen: 0.403 ng
RT: 22.917 min Scan# 2
Delta R.T. 0.044 min
Lab File: BN036544.D
Acq: 07 Mar 2025 13:00

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 8124

Ion	Ratio	Lower	Upper
252	100		
253	28.1	21.9	32.9
125	20.3	15.0	22.6

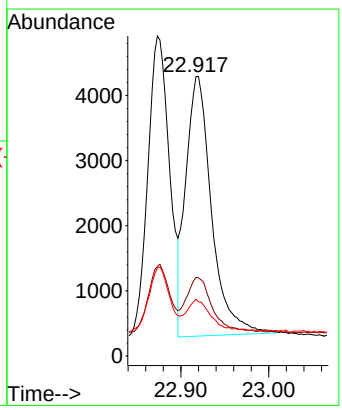


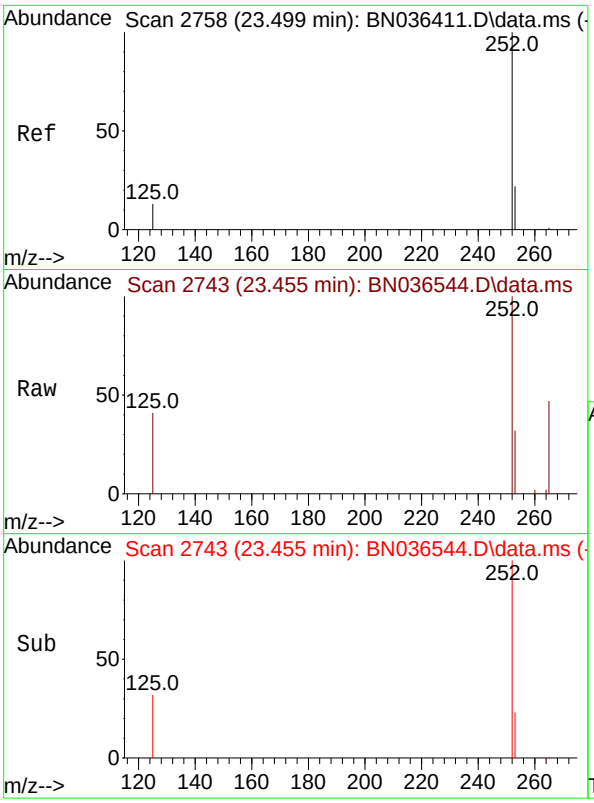


#38
Benzo(k)fluoranthene
Concen: 0.391 ng
RT: 22.917 min Scan# 2559
Delta R.T. 0.000 min
Lab File: BN036544.D
Acq: 07 Mar 2025 13:00

Tgt Ion:252 Resp: 8124

Ion	Ratio	Lower	Upper
252	100		
253	28.1	22.2	33.4
125	20.3	15.0	22.4



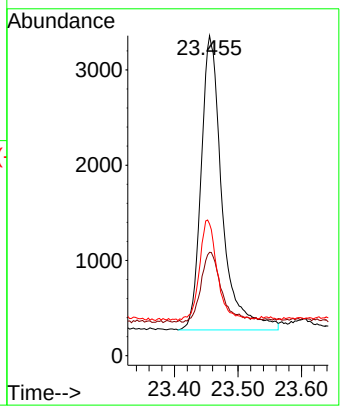


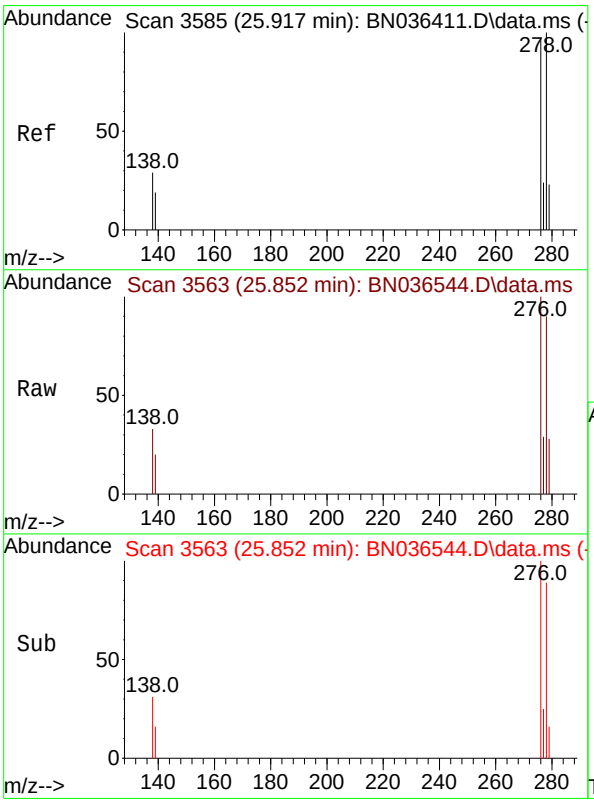
#39
Benzo(a)pyrene
Concen: 0.403 ng
RT: 23.455 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN036544.D
Acq: 07 Mar 2025 13:00

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 7105

Ion	Ratio	Lower	Upper
252	100		
253	32.3	24.4	36.6
125	41.1	18.2	27.2#

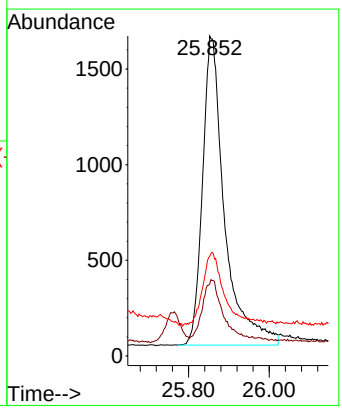


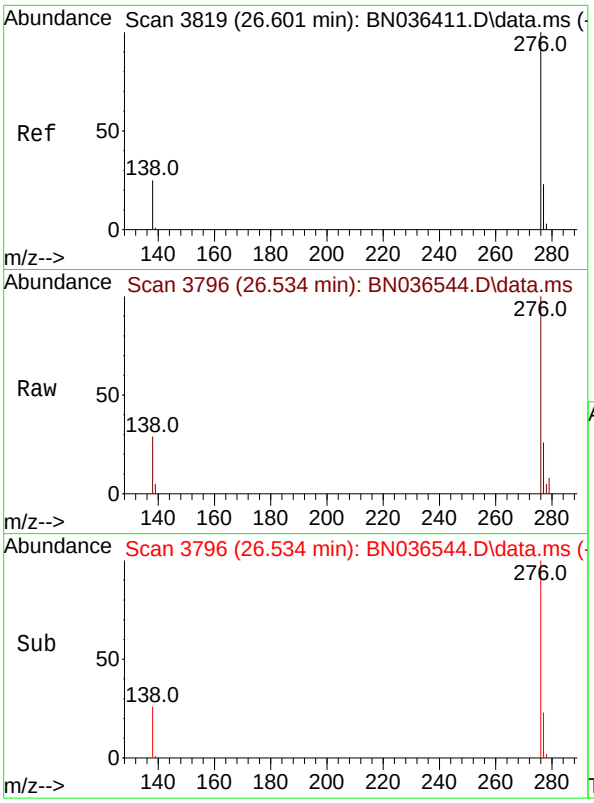


#40
Dibenzo(a,h)anthracene
Concen: 0.362 ng
RT: 25.852 min Scan# 3563
Delta R.T. 0.000 min
Lab File: BN036544.D
Acq: 07 Mar 2025 13:00

Tgt Ion:278 Resp: 6116

Ion	Ratio	Lower	Upper
278	100		
139	22.5	18.5	27.7
279	31.1	24.8	37.2





#41
Benzo(g,h,i)perylene
Concen: 0.372 ng
RT: 26.534 min Scan# 3
Delta R.T. 0.006 min
Lab File: BN036544.D
Acq: 07 Mar 2025 13:00

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 7136

Ion	Ratio	Lower	Upper
276	100		
277	25.9	20.7	31.1
138	29.1	21.8	32.6