Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031725\
Data File : BN036665.D
Acq On : 17 Mar 2025 18:31
Operator : RC/JU
Sample : PB167159BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB167159BS

Quant Time: Mar 18 00:55:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 16:06:28 2025
Response via : Initial Calibration

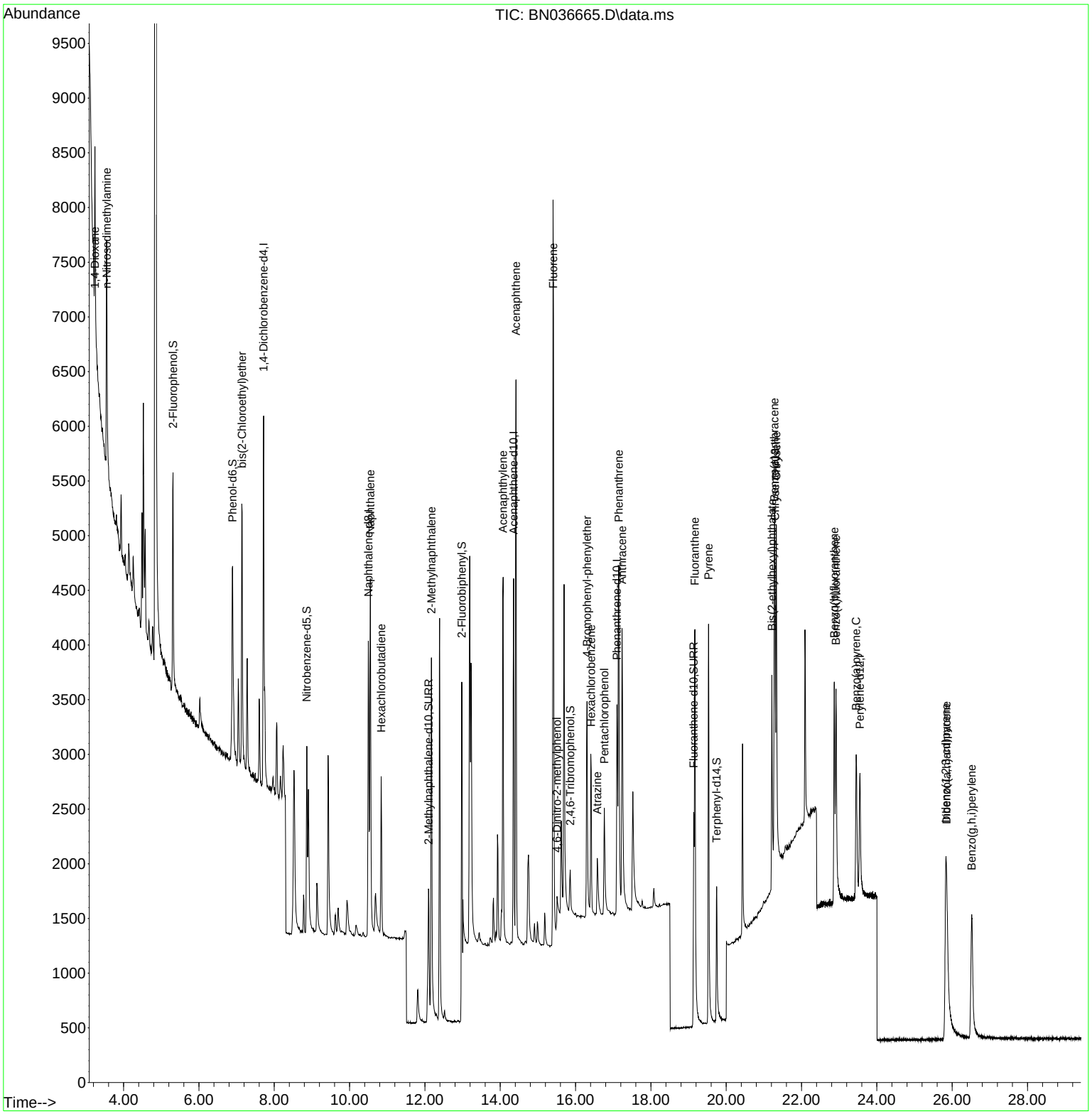
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.717	152	1650	0.400	ng		0.00
7) Naphthalene-d8	10.498	136	3863	0.400	ng		-0.01
13) Acenaphthene-d10	14.356	164	1951	0.400	ng		-0.01
19) Phenanthrene-d10	17.099	188	3290	0.400	ng		#-0.01
29) Chrysene-d12	21.295	240	1972	0.400	ng		0.00
35) Perylene-d12	23.552	264	1878	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.312	112	1561	0.406	ng		0.00
5) Phenol-d6	6.894	99	1791	0.377	ng		0.00
8) Nitrobenzene-d5	8.865	82	1547	0.368	ng		-0.01
11) 2-Methylnaphthalene-d10	12.096	152	2789	0.485	ng		-0.01
14) 2,4,6-Tribromophenol	15.858	330	287	0.324	ng		0.00
15) 2-Fluorobiphenyl	12.978	172	4691	0.413	ng		0.00
27) Fluoranthene-d10	19.137	212	2860	0.339	ng		0.00
31) Terphenyl-d14	19.745	244	1935	0.410	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	682	0.373	ng	#	23
3) n-Nitrosodimethylamine	3.550	42	1682	0.454	ng		93
6) bis(2-Chloroethyl)ether	7.147	93	1884	0.384	ng		97
9) Naphthalene	10.552	128	4632	0.408	ng		99
10) Hexachlorobutadiene	10.840	225	1141	0.427	ng	#	98
12) 2-Methylnaphthalene	12.172	142	2867	0.397	ng		98
16) Acenaphthylene	14.078	152	4194	0.456	ng		99
17) Acenaphthene	14.420	154	2595	0.431	ng		99
18) Fluorene	15.403	166	3260	0.400	ng		99
20) 4,6-Dinitro-2-methylph...	15.510	198	204	0.389	ng		91
21) 4-Bromophenyl-phenylether	16.305	248	921	0.447	ng		89
22) Hexachlorobenzene	16.416	284	1125	0.452	ng		93
23) Atrazine	16.578	200	729	0.441	ng	#	89
24) Pentachlorophenol	16.764	266	690	0.608	ng		99
25) Phenanthrene	17.149	178	4250	0.431	ng		100
26) Anthracene	17.236	178	3990	0.448	ng		99
28) Fluoranthene	19.169	202	4249	0.383	ng		98
30) Pyrene	19.531	202	4301	0.446	ng		99
32) Benzo(a)anthracene	21.277	228	2770	0.404	ng		98
33) Chrysene	21.331	228	3606	0.481	ng		98
34) Bis(2-ethylhexyl)phtha...	21.214	149	1852	0.379	ng	#	97
36) Indeno(1,2,3-cd)pyrene	25.829	276	3428	0.506	ng	#	91
37) Benzo(b)fluoranthene	22.870	252	2702	0.395	ng		96
38) Benzo(k)fluoranthene	22.914	252	3322	0.463	ng		96
39) Benzo(a)pyrene	23.452	252	2835	0.493	ng		96
40) Dibenzo(a,h)anthracene	25.850	278	2578	0.489	ng		93
41) Benzo(g,h,i)perylene	26.519	276	2857	0.473	ng		97

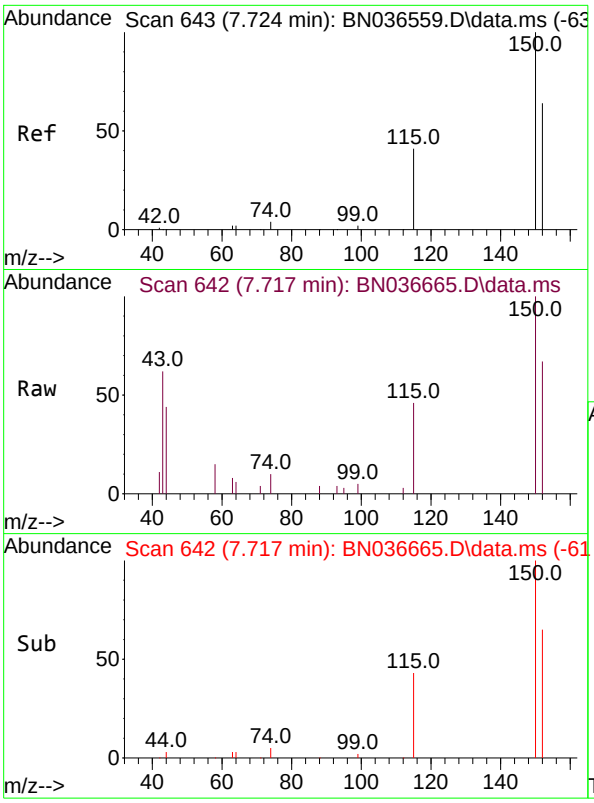
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031725\
Data File : BN036665.D
Acq On : 17 Mar 2025 18:31
Operator : RC/JU
Sample : PB167159BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB167159BS

Quant Time: Mar 18 00:55:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 16:06:28 2025
Response via : Initial Calibration



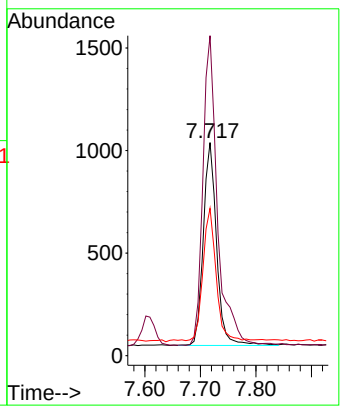


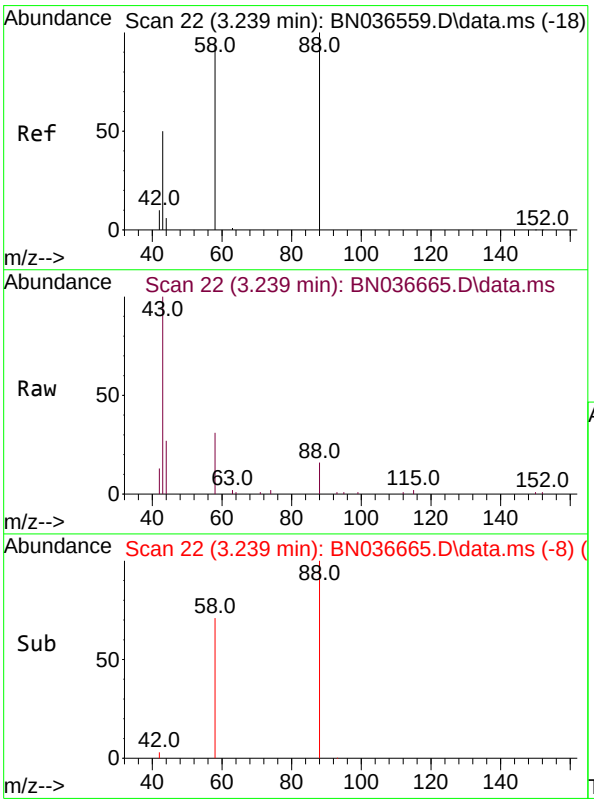
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN036665.D
Acq: 17 Mar 2025 18:31

Instrument :
BNA_N
ClientSampleId :
PB167159BS

Tgt Ion:152 Resp: 1650

Ion	Ratio	Lower	Upper
152	100		
150	150.1	123.7	185.5
115	69.1	54.3	81.5

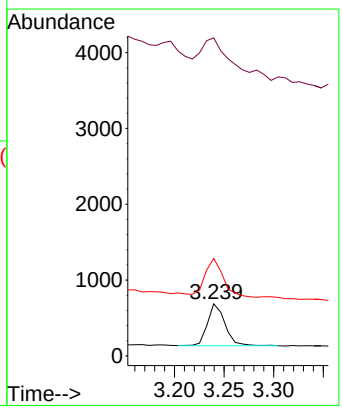


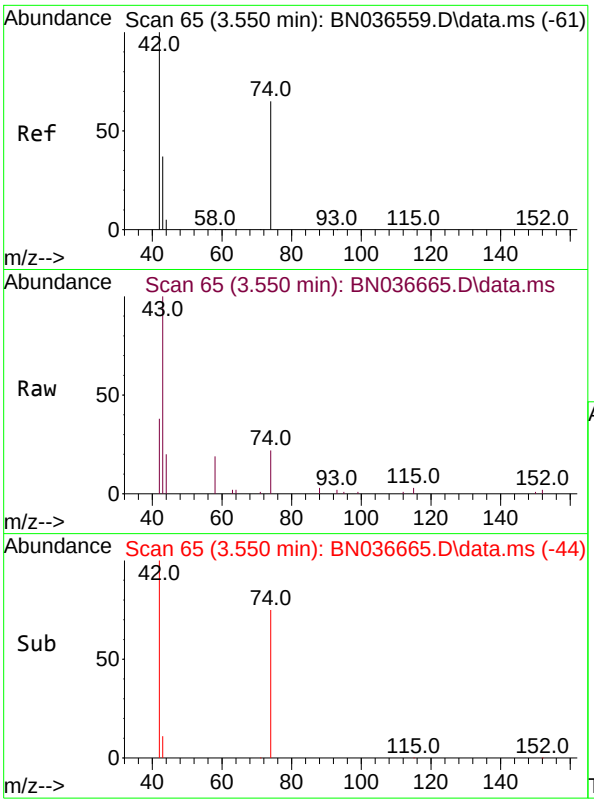


#2
1,4-Dioxane
Concen: 0.373 ng
RT: 3.239 min Scan# 22
Delta R.T. 0.000 min
Lab File: BN036665.D
Acq: 17 Mar 2025 18:31

Tgt Ion: 88 Resp: 682

Ion	Ratio	Lower	Upper
88	100		
43	177.0	37.8	56.8#
58	94.6	67.4	101.2



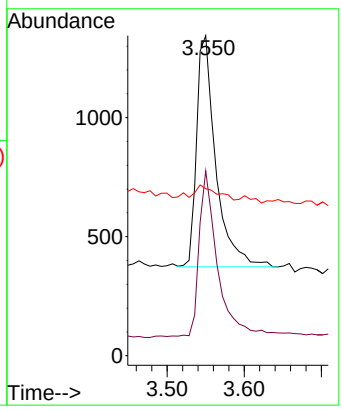


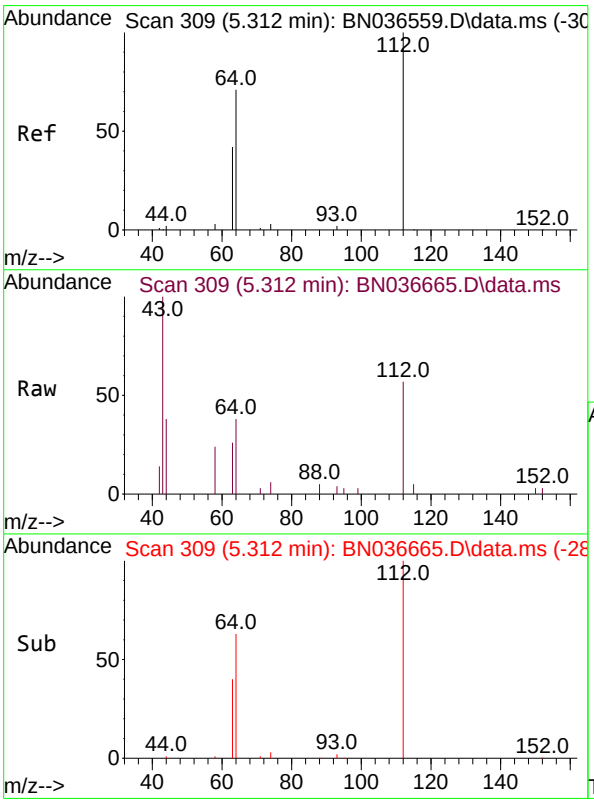
#3
n-Nitrosodimethylamine
Concen: 0.454 ng
RT: 3.550 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN036665.D
Acq: 17 Mar 2025 18:31

Instrument :
BNA_N
ClientSampleId :
PB167159BS

Tgt Ion: 42 Resp: 1682

Ion	Ratio	Lower	Upper
42	100		
74	69.5	60.6	90.8
44	7.4	6.3	9.5

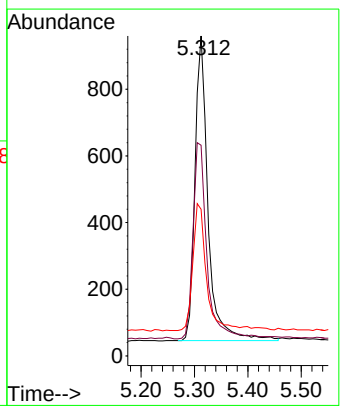


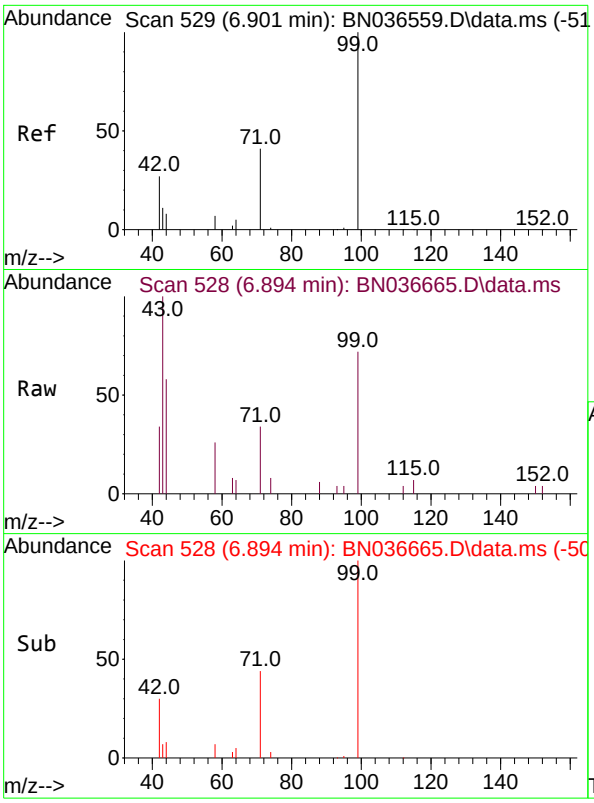


#4
2-Fluorophenol
Concen: 0.406 ng
RT: 5.312 min Scan# 309
Delta R.T. 0.000 min
Lab File: BN036665.D
Acq: 17 Mar 2025 18:31

Tgt Ion:112 Resp: 1561

Ion	Ratio	Lower	Upper
112	100		
64	68.9	53.1	79.7
63	42.5	31.8	47.8



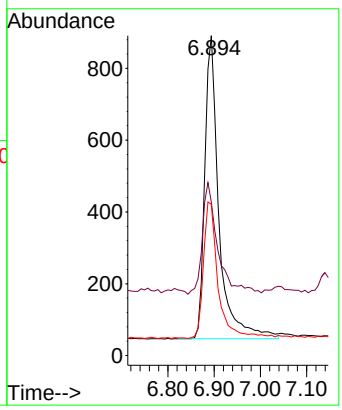


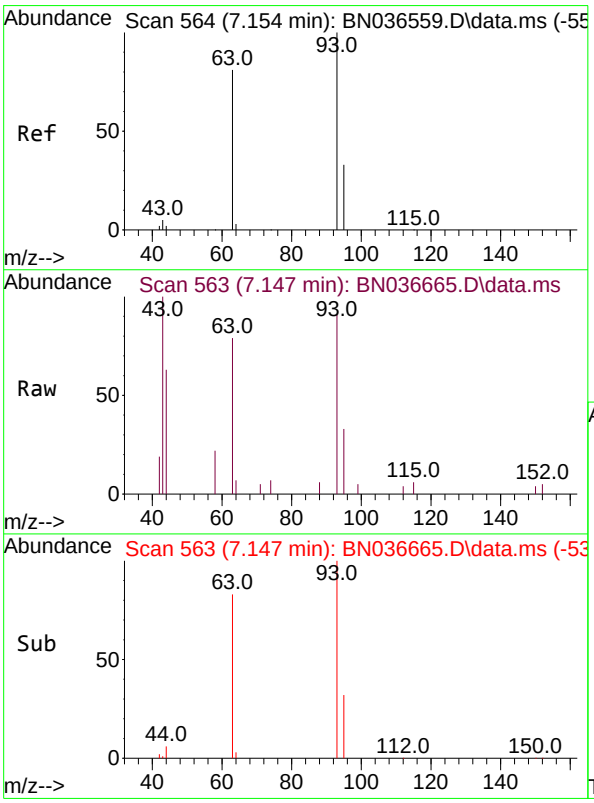
#5
Phenol-d6
Concen: 0.377 ng
RT: 6.894 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN036665.D
Acq: 17 Mar 2025 18:31

Instrument :
BNA_N
ClientSampleId :
PB167159BS

Tgt Ion: 99 Resp: 1791

Ion	Ratio	Lower	Upper
99	100		
42	40.4	26.5	39.7#
71	46.6	34.1	51.1

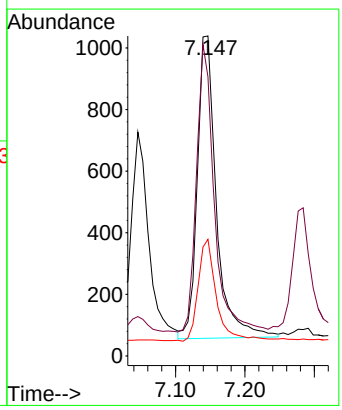


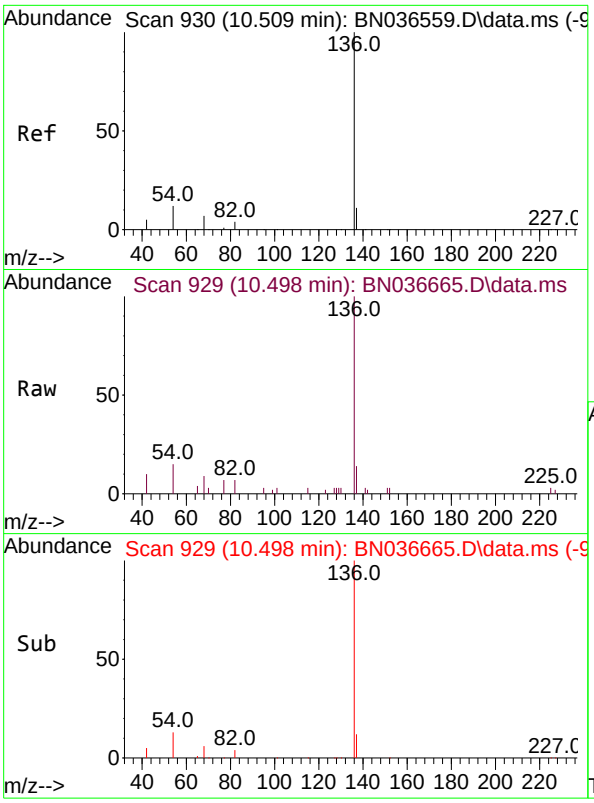


#6
bis(2-Chloroethyl)ether
Concen: 0.384 ng
RT: 7.147 min Scan# 563
Delta R.T. -0.007 min
Lab File: BN036665.D
Acq: 17 Mar 2025 18:31

Tgt Ion: 93 Resp: 1884

Ion	Ratio	Lower	Upper
93	100		
63	88.0	67.7	101.5
95	31.6	25.6	38.4



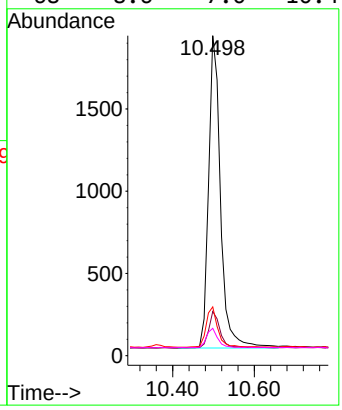


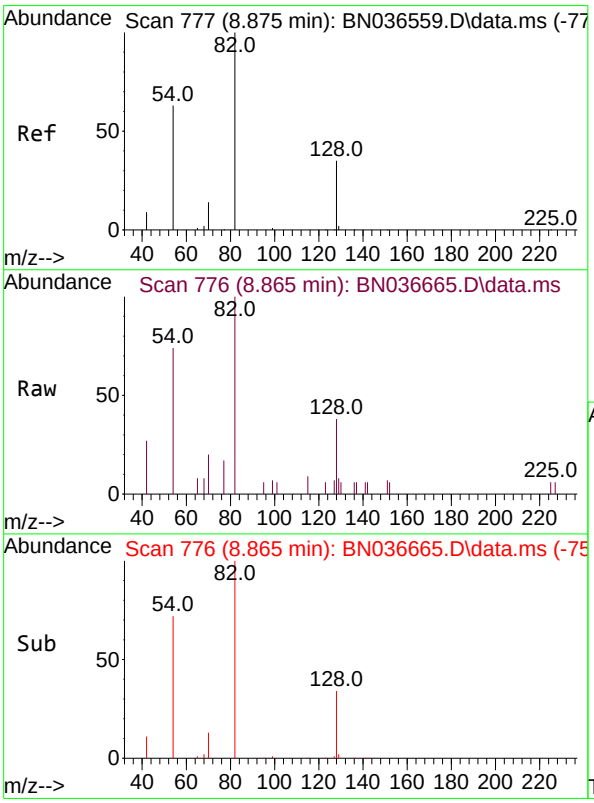
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 9
Delta R.T. -0.010 min
Lab File: BN036665.D
Acq: 17 Mar 2025 18:31

Instrument :
BNA_N
ClientSampleId :
PB167159BS

Tgt Ion:136 Resp: 3863

Ion	Ratio	Lower	Upper
136	100		
137	13.8	10.3	15.5
54	15.3	11.5	17.3
68	8.6	7.0	10.4

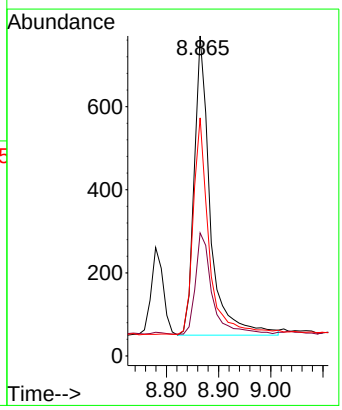


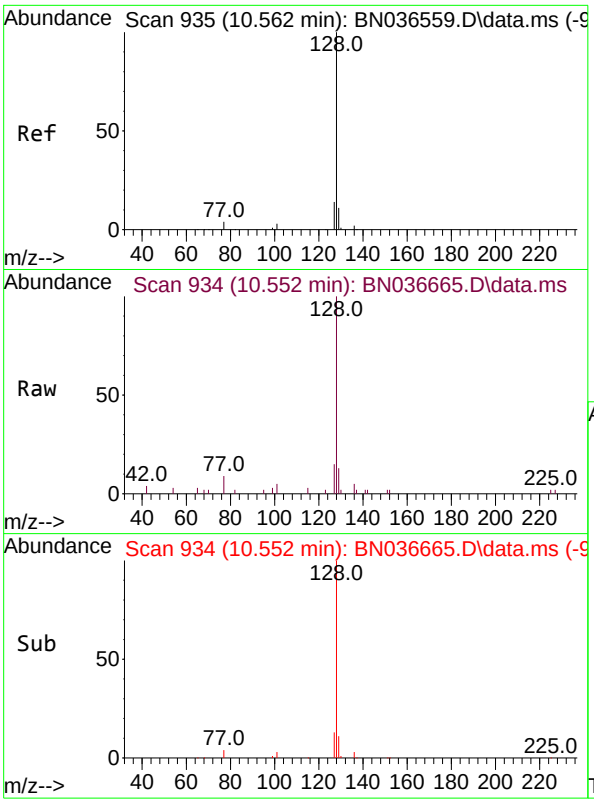


#8
Nitrobenzene-d5
Concen: 0.368 ng
RT: 8.865 min Scan# 776
Delta R.T. -0.010 min
Lab File: BN036665.D
Acq: 17 Mar 2025 18:31

Tgt Ion: 82 Resp: 1547

Ion	Ratio	Lower	Upper
82	100		
128	38.4	30.6	45.8
54	74.4	52.2	78.4



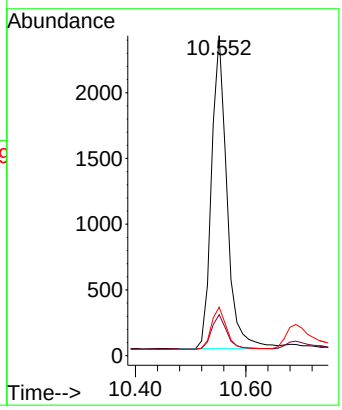


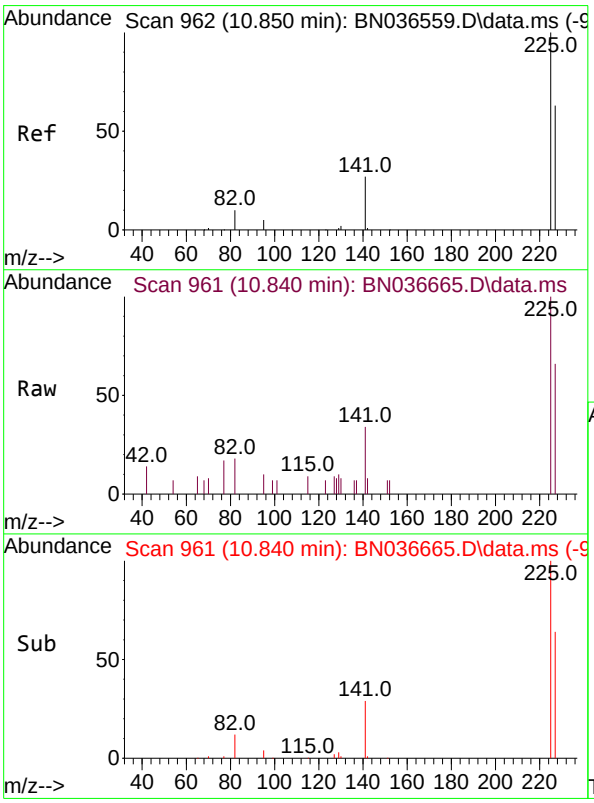
#9
Naphthalene
Concen: 0.408 ng
RT: 10.552 min Scan# 9
Delta R.T. -0.010 min
Lab File: BN036665.D
Acq: 17 Mar 2025 18:31

Instrument :
BNA_N
ClientSampleId :
PB167159BS

Tgt Ion:128 Resp: 4632

Ion	Ratio	Lower	Upper
128	100		
129	12.8	9.8	14.6
127	15.2	11.8	17.8

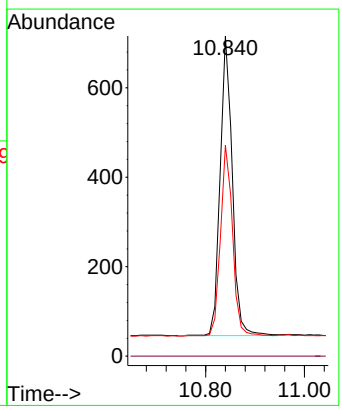


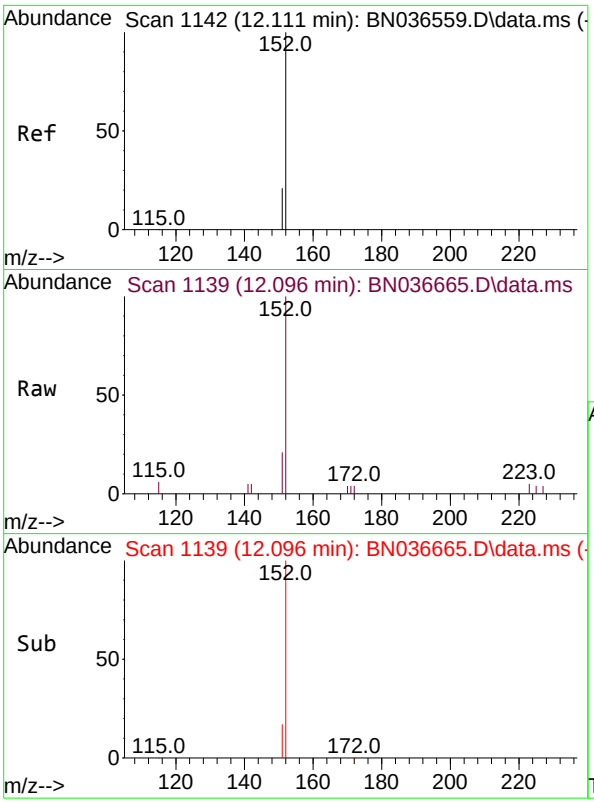


#10
Hexachlorobutadiene
Concen: 0.427 ng
RT: 10.840 min Scan# 961
Delta R.T. -0.010 min
Lab File: BN036665.D
Acq: 17 Mar 2025 18:31

Tgt Ion:225 Resp: 1141

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.5	51.8	77.8



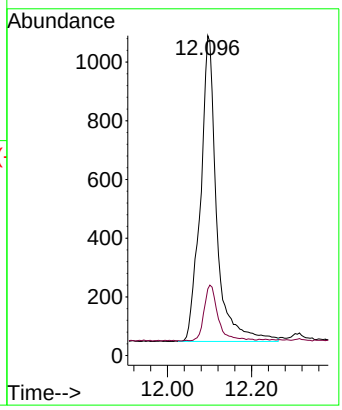


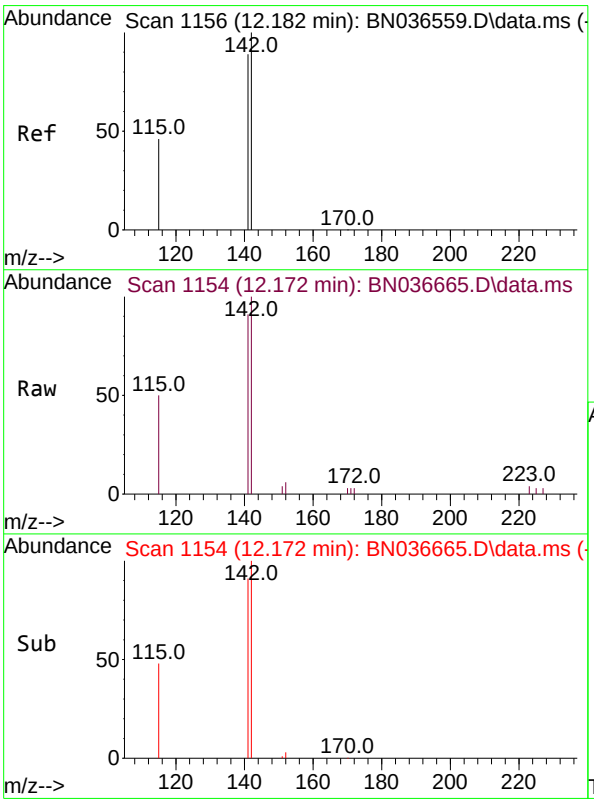
#11
2-Methylnaphthalene-d10
Concen: 0.485 ng
RT: 12.096 min Scan# 11
Delta R.T. -0.015 min
Lab File: BN036665.D
Acq: 17 Mar 2025 18:31

Instrument :
BNA_N
ClientSampleId :
PB167159BS

Tgt Ion:152 Resp: 2789

Ion	Ratio	Lower	Upper
152	100		
151	15.3	17.0	25.6#

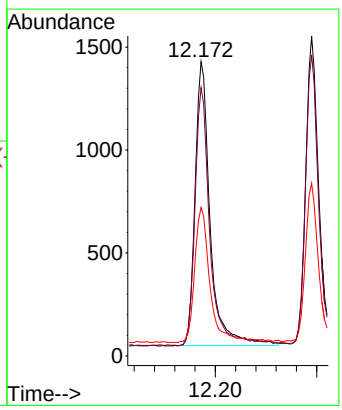


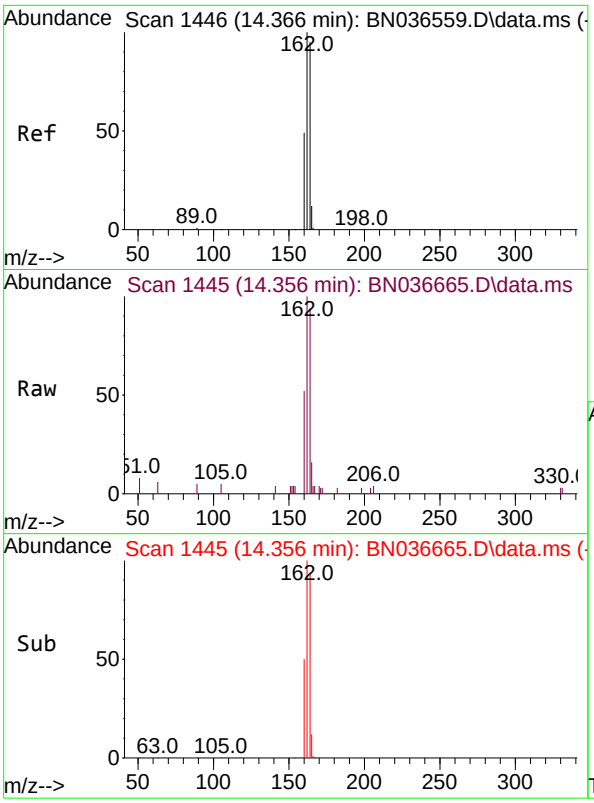


#12
2-Methylnaphthalene
Concen: 0.397 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.010 min
Lab File: BN036665.D
Acq: 17 Mar 2025 18:31

Tgt Ion:142 Resp: 2867

Ion	Ratio	Lower	Upper
142	100		
141	91.2	71.7	107.5
115	50.5	38.3	57.5



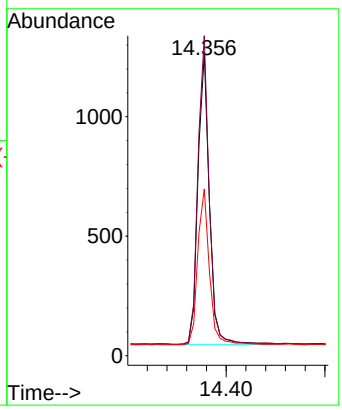


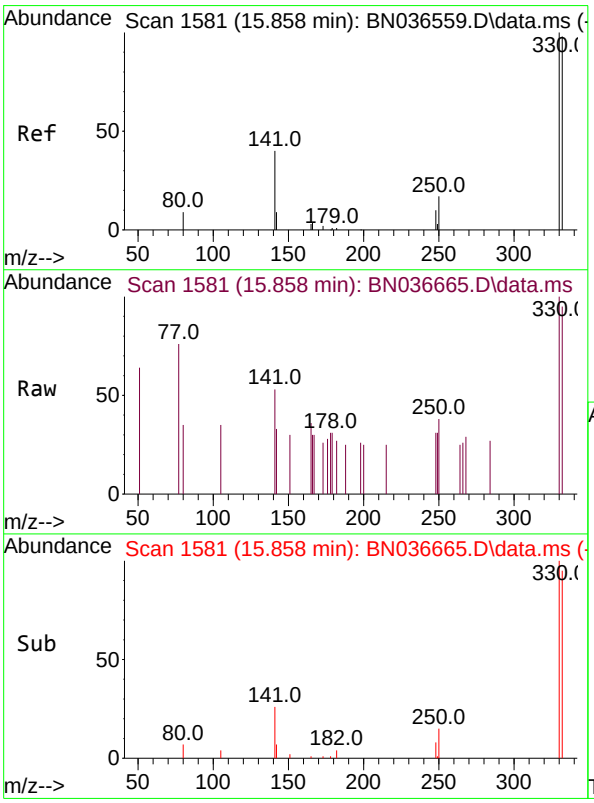
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.356 min Scan# 14
Delta R.T. -0.010 min
Lab File: BN036665.D
Acq: 17 Mar 2025 18:31

Instrument :
BNA_N
ClientSampleId :
PB167159BS

Tgt Ion:164 Resp: 1951

Ion	Ratio	Lower	Upper
164	100		
162	105.8	84.2	126.2
160	55.2	42.2	63.2

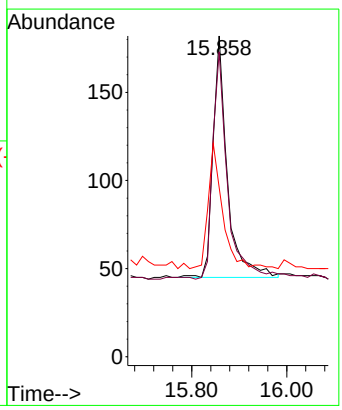


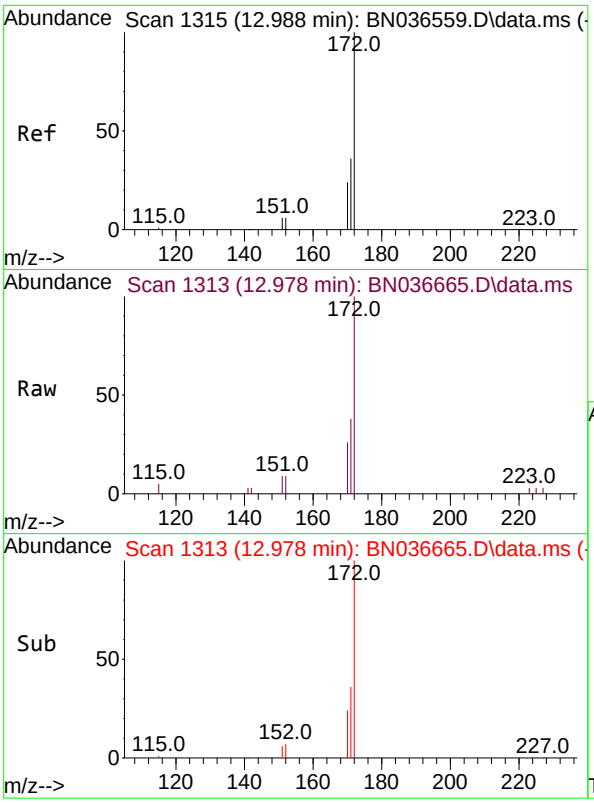


#14
2,4,6-Tribromophenol
Concen: 0.324 ng
RT: 15.858 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BN036665.D
Acq: 17 Mar 2025 18:31

Tgt Ion:330 Resp: 287

Ion	Ratio	Lower	Upper
330	100		
332	97.9	75.2	112.8
141	52.3	43.4	65.2



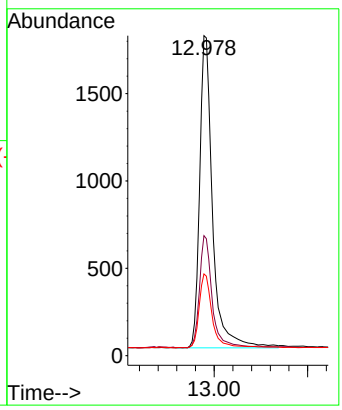


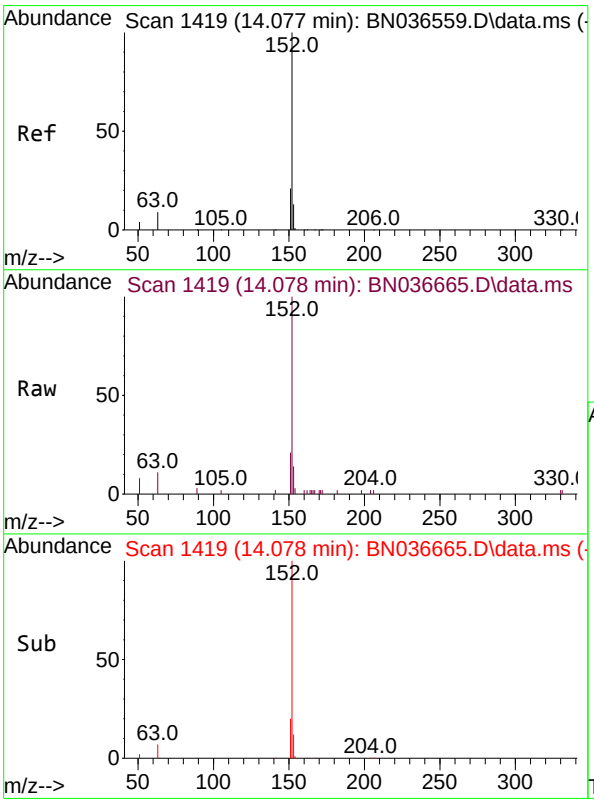
#15
2-Fluorobiphenyl
Concen: 0.413 ng
RT: 12.978 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN036665.D
Acq: 17 Mar 2025 18:31

Instrument :
BNA_N
ClientSampleId :
PB167159BS

Tgt Ion:172 Resp: 4691

Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.5	44.3
170	25.5	20.2	30.4

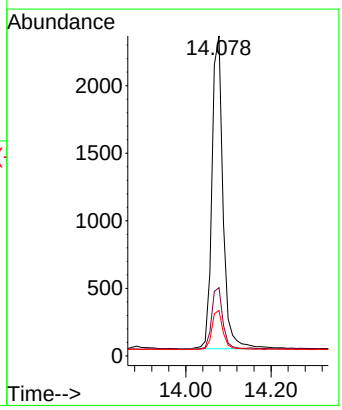


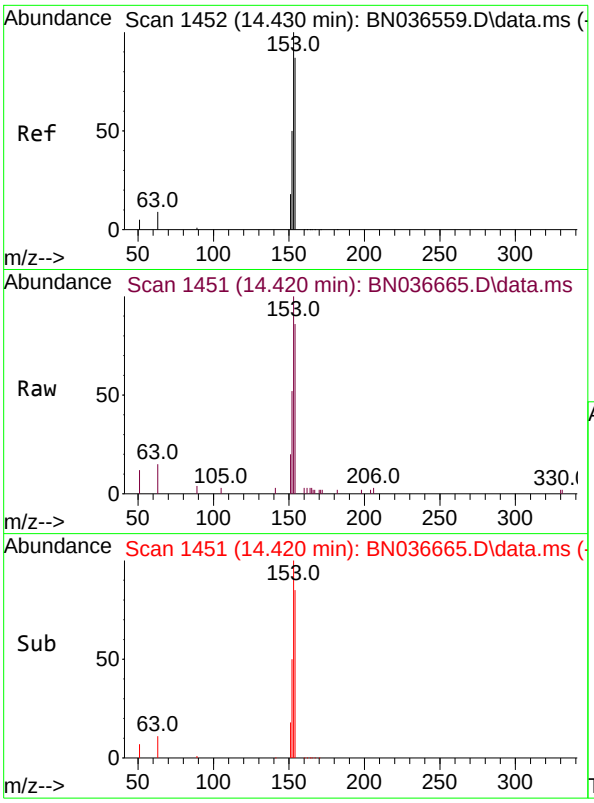


#16
Acenaphthylene
Concen: 0.456 ng
RT: 14.078 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BN036665.D
Acq: 17 Mar 2025 18:31

Tgt Ion:152 Resp: 4194

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.2	24.4
153	12.9	10.6	15.8



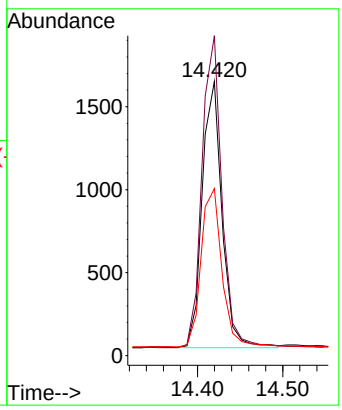


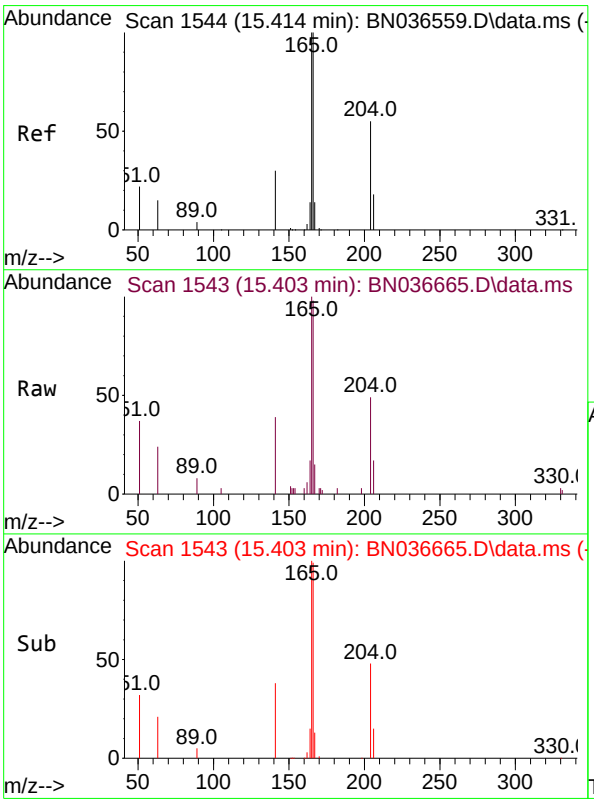
#17
Acenaphthene
Concen: 0.431 ng
RT: 14.420 min Scan# 14
Delta R.T. -0.010 min
Lab File: BN036665.D
Acq: 17 Mar 2025 18:31

Instrument :
BNA_N
ClientSampleId :
PB167159BS

Tgt Ion:154 Resp: 2595

Ion	Ratio	Lower	Upper
154	100		
153	118.7	94.1	141.1
152	63.4	49.8	74.6

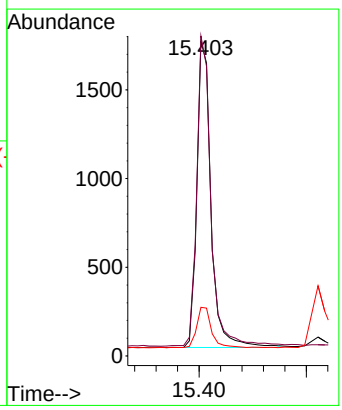


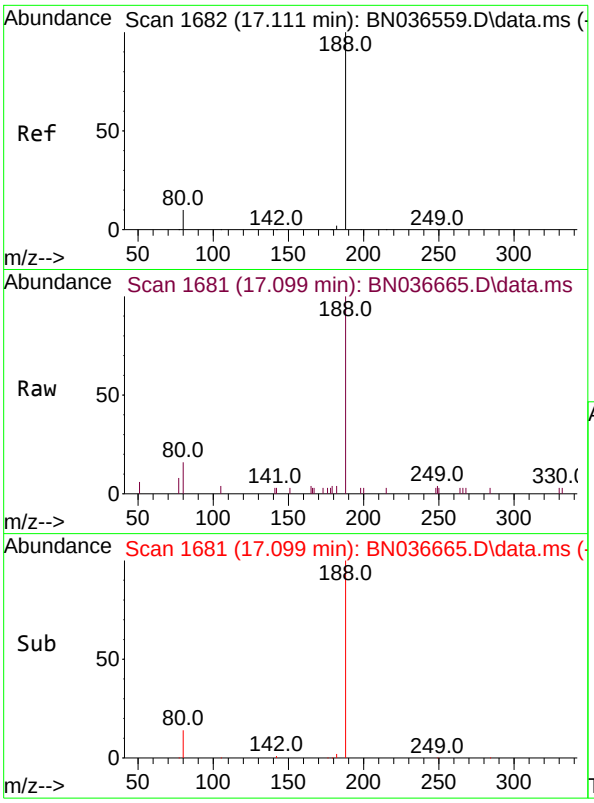


#18
Fluorene
Concen: 0.400 ng
RT: 15.403 min Scan# 1543
Delta R.T. -0.010 min
Lab File: BN036665.D
Acq: 17 Mar 2025 18:31

Tgt Ion:166 Resp: 3260

Ion	Ratio	Lower	Upper
166	100		
165	100.8	79.8	119.8
167	14.0	10.6	15.8



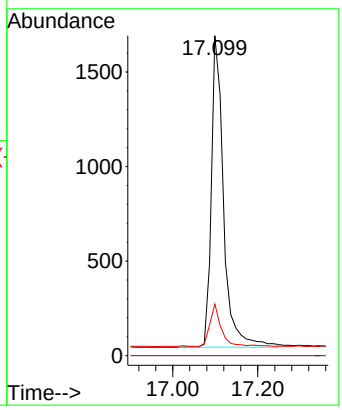


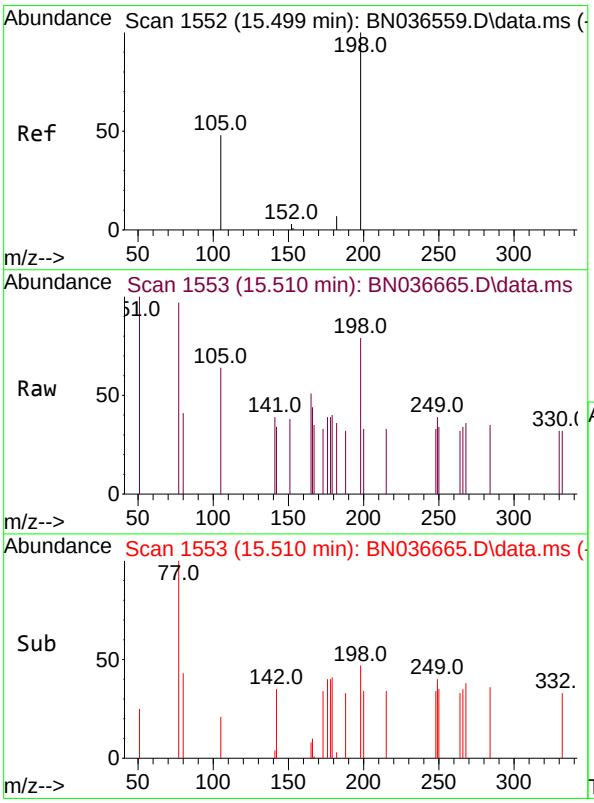
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1(
Delta R.T. -0.012 min
Lab File: BN036665.D
Acq: 17 Mar 2025 18:31

Instrument :
BNA_N
ClientSampleId :
PB167159BS

Tgt Ion:188 Resp: 3290

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	16.1	8.8	13.2#

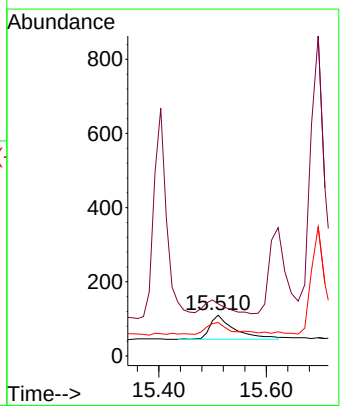


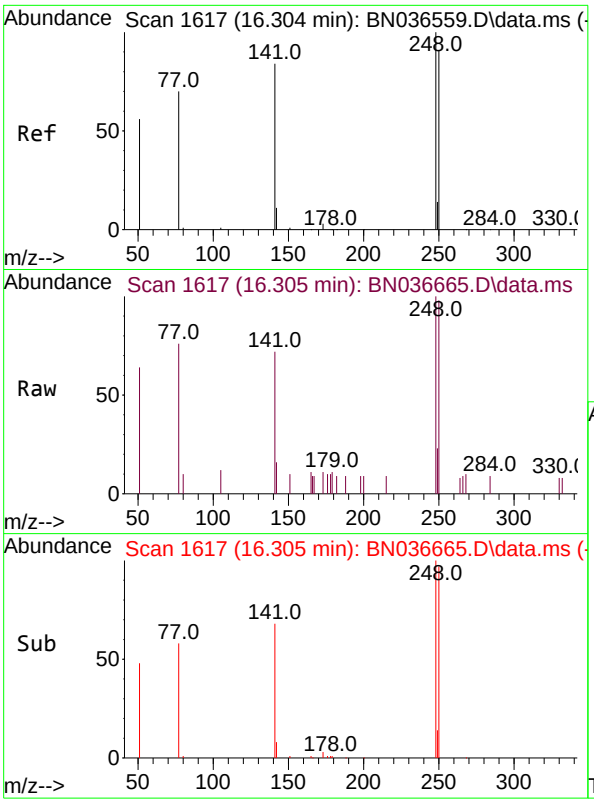


#20
4,6-Dinitro-2-methylphenol
Concen: 0.389 ng
RT: 15.510 min Scan# 1553
Delta R.T. 0.011 min
Lab File: BN036665.D
Acq: 17 Mar 2025 18:31

Tgt Ion:198 Resp: 204

Ion	Ratio	Lower	Upper
198	100		
51	127.3	107.9	161.9
105	81.8	56.2	84.2



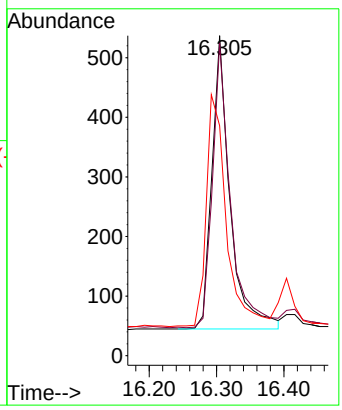


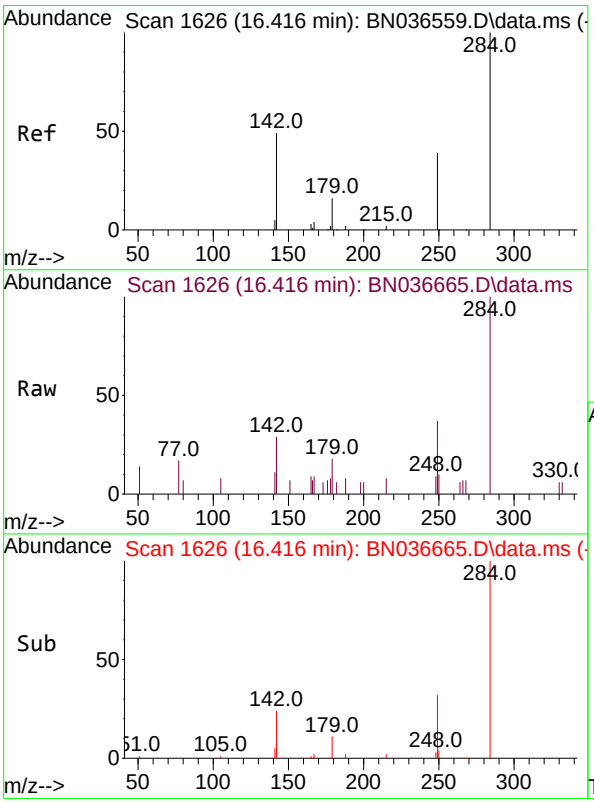
#21
4-Bromophenyl-phenylether
Concen: 0.447 ng
RT: 16.305 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN036665.D
Acq: 17 Mar 2025 18:31

Instrument :
BNA_N
ClientSampleId :
PB167159BS

Tgt Ion:248 Resp: 921

Ion	Ratio	Lower	Upper
248	100		
250	97.8	73.0	109.6
141	71.9	68.6	103.0

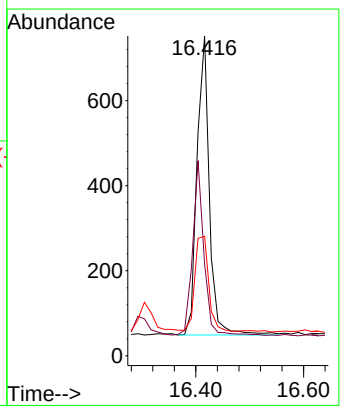


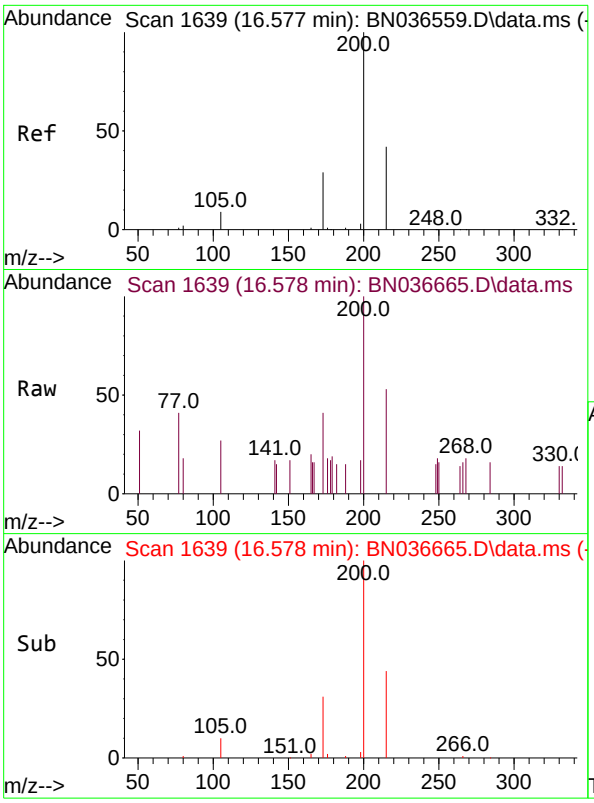


#22
Hexachlorobenzene
Concen: 0.452 ng
RT: 16.416 min Scan# 1626
Delta R.T. 0.000 min
Lab File: BN036665.D
Acq: 17 Mar 2025 18:31

Tgt Ion:284 Resp: 1125

Ion	Ratio	Lower	Upper
284	100		
142	53.7	37.0	55.4
249	35.8	28.1	42.1



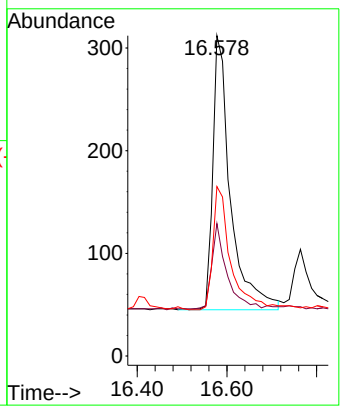


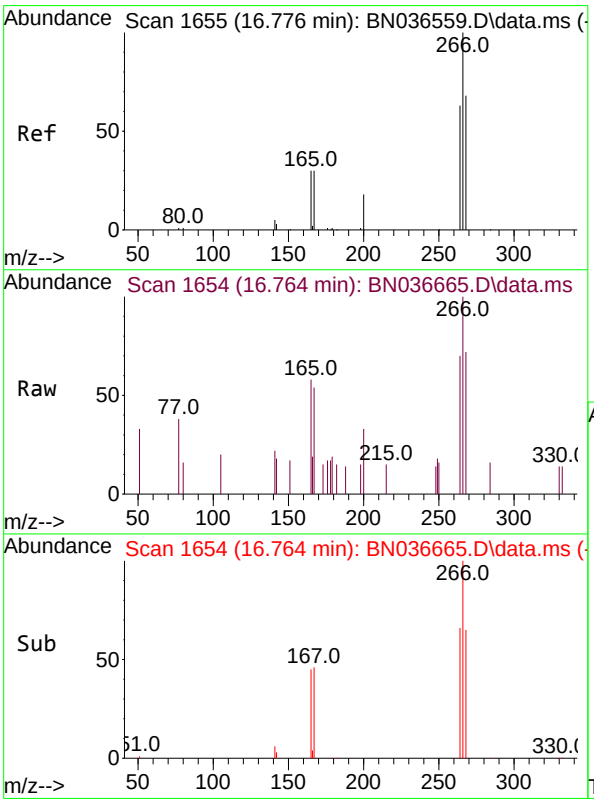
#23
Atrazine
Concen: 0.441 ng
RT: 16.578 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN036665.D
Acq: 17 Mar 2025 18:31

Instrument :
BNA_N
ClientSampleId :
PB167159BS

Tgt Ion:200 Resp: 729

Ion	Ratio	Lower	Upper
200	100		
173	41.3	27.3	40.9#
215	52.9	36.8	55.2

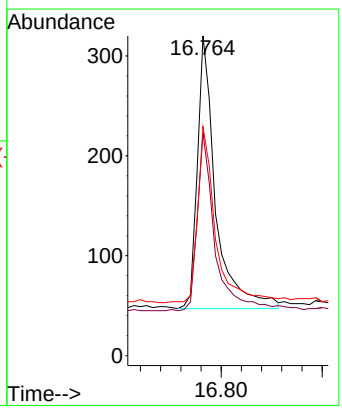


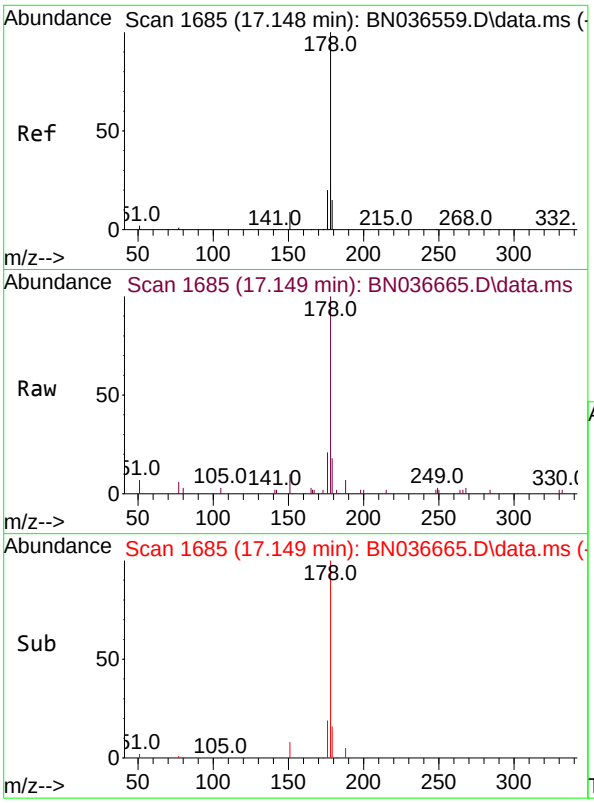


#24
Pentachlorophenol
Concen: 0.608 ng
RT: 16.764 min Scan# 1654
Delta R.T. -0.012 min
Lab File: BN036665.D
Acq: 17 Mar 2025 18:31

Tgt Ion:266 Resp: 690

Ion	Ratio	Lower	Upper
266	100		
264	61.6	49.6	74.4
268	62.8	50.9	76.3



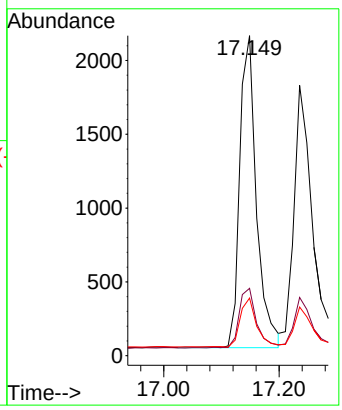


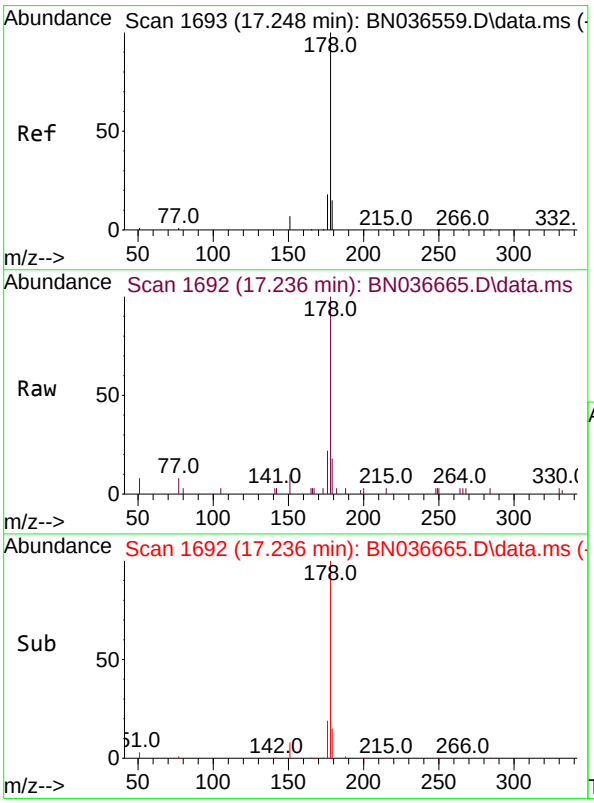
#25
Phenanthrene
Concen: 0.431 ng
RT: 17.149 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN036665.D
Acq: 17 Mar 2025 18:31

Instrument :
BNA_N
ClientSampleId :
PB167159BS

Tgt Ion:178 Resp: 4250

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.9	23.9
179	15.3	12.2	18.4

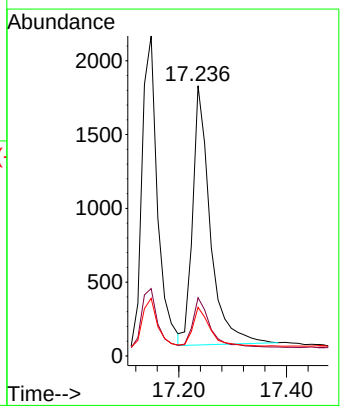


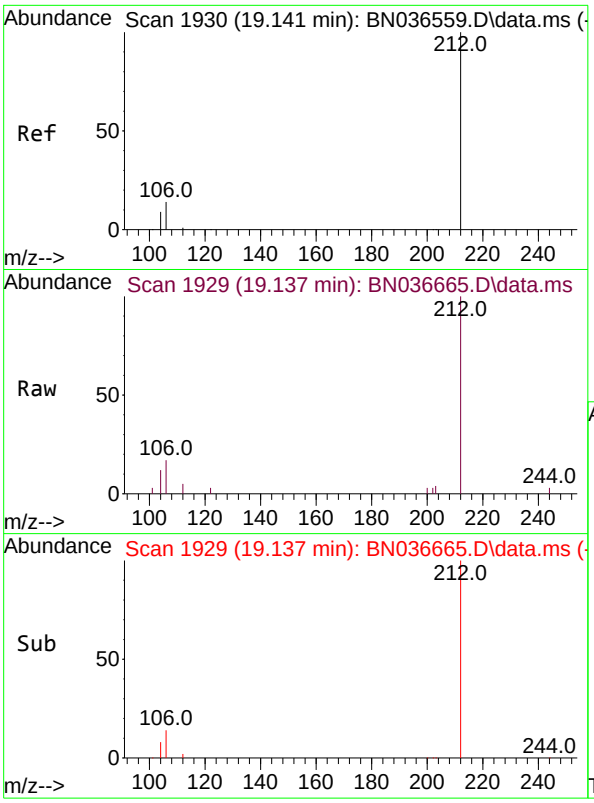


#26
Anthracene
Concen: 0.448 ng
RT: 17.236 min Scan# 1692
Delta R.T. -0.012 min
Lab File: BN036665.D
Acq: 17 Mar 2025 18:31

Tgt Ion:178 Resp: 3990

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	14.9	12.6	18.8





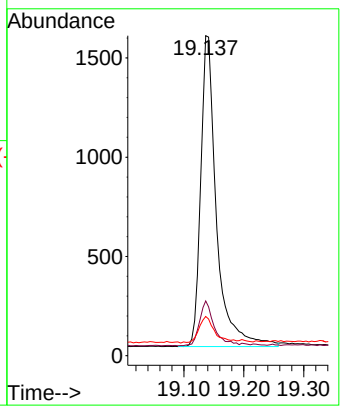
#27
Fluoranthene-d10
Concen: 0.339 ng
RT: 19.137 min Scan# 1

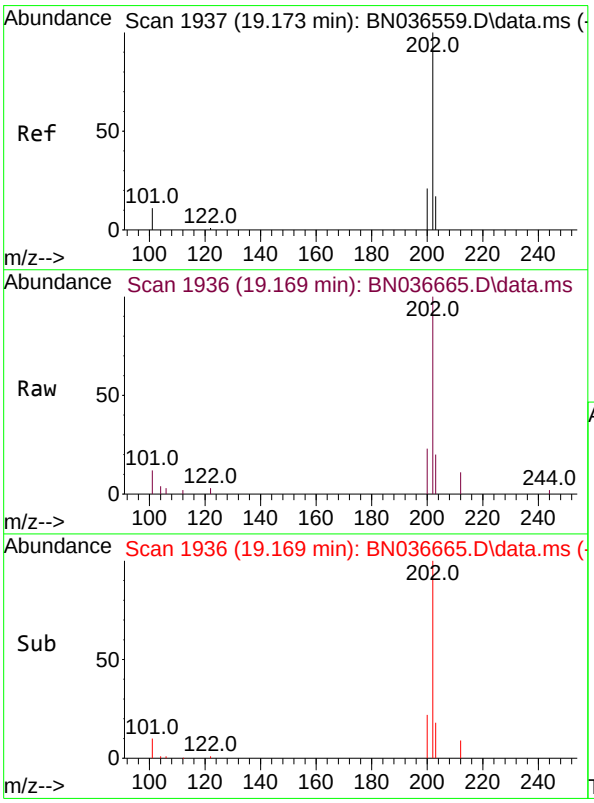
Instrument :
BNA_N
ClientSampleId :
PB167159BS

Delta R.T. -0.004 min
Lab File: BN036665.D
Acq: 17 Mar 2025 18:31

Tgt Ion:212 Resp: 2860

Ion	Ratio	Lower	Upper
212	100		
106	13.3	11.8	17.6
104	8.7	7.3	10.9

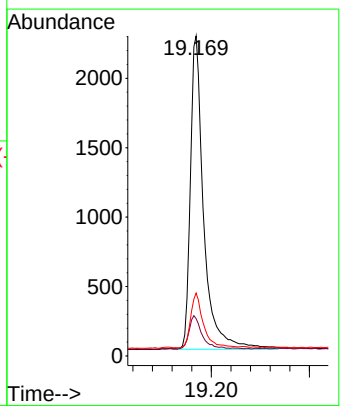


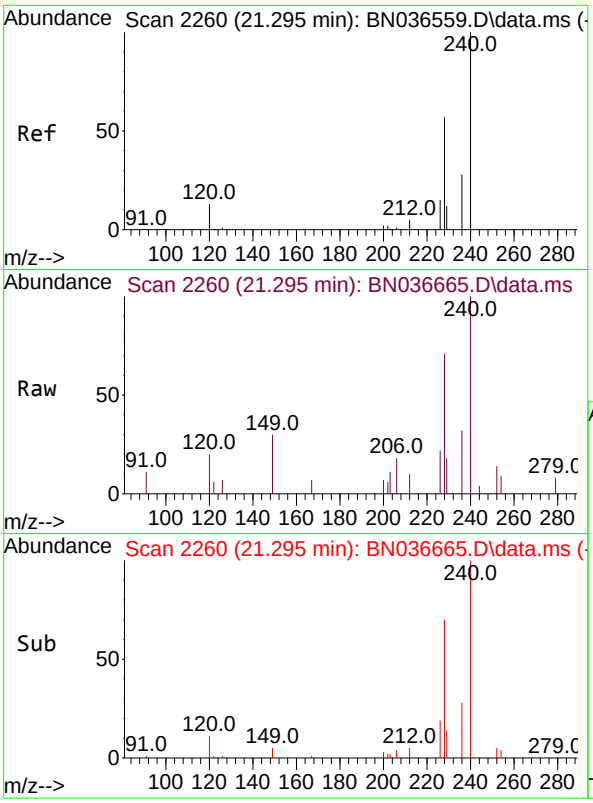


#28
Fluoranthene
Concen: 0.383 ng
RT: 19.169 min Scan# 1936
Delta R.T. -0.004 min
Lab File: BN036665.D
Acq: 17 Mar 2025 18:31

Tgt Ion:202 Resp: 4249

Ion	Ratio	Lower	Upper
202	100		
101	10.3	9.4	14.0
203	16.8	13.5	20.3



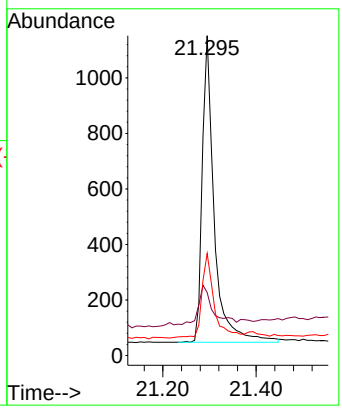


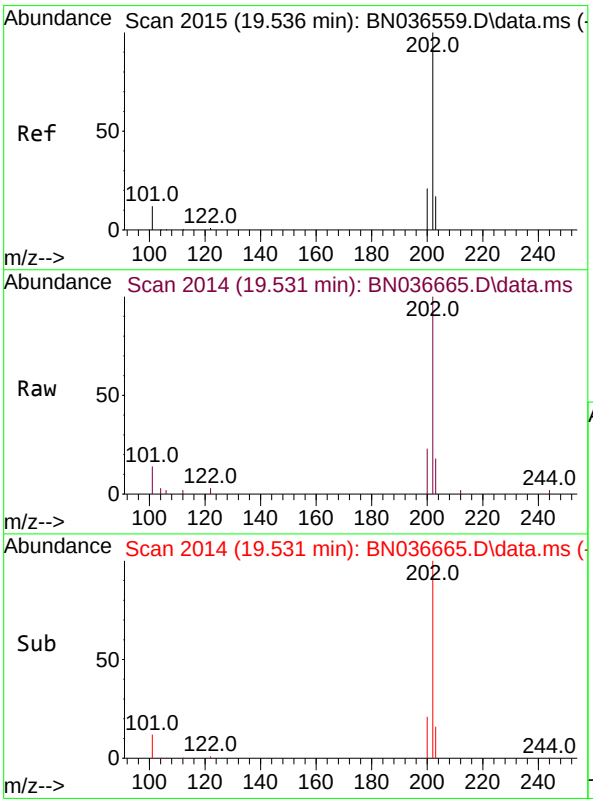
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN036665.D
Acq: 17 Mar 2025 18:31

Instrument :
BNA_N
ClientSampleId :
PB167159BS

Tgt Ion:240 Resp: 1972

Ion	Ratio	Lower	Upper
240	100		
120	19.7	14.6	22.0
236	31.9	24.1	36.1

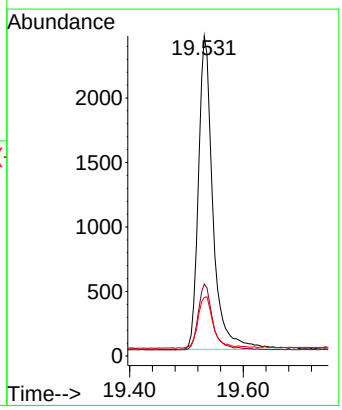


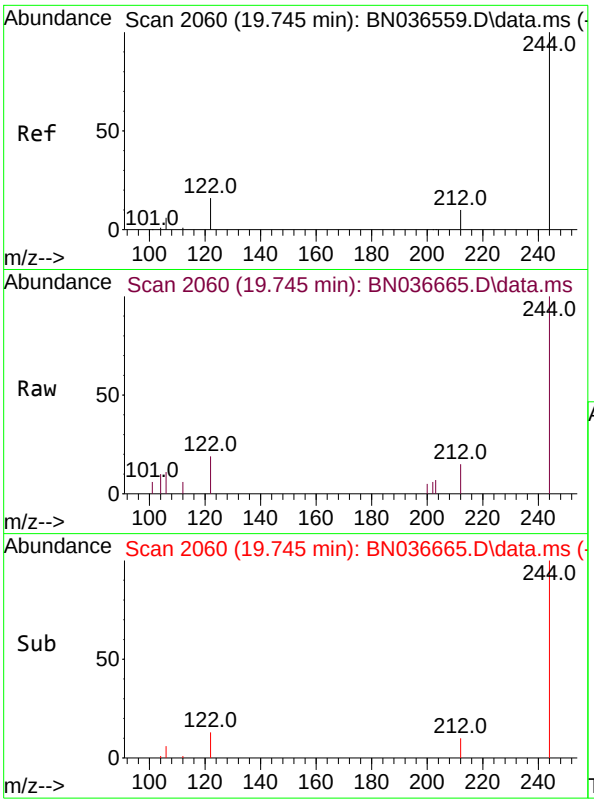


#30
Pyrene
Concen: 0.446 ng
RT: 19.531 min Scan# 2014
Delta R.T. -0.004 min
Lab File: BN036665.D
Acq: 17 Mar 2025 18:31

Tgt Ion:202 Resp: 4301

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.1	25.7
203	17.3	14.1	21.1



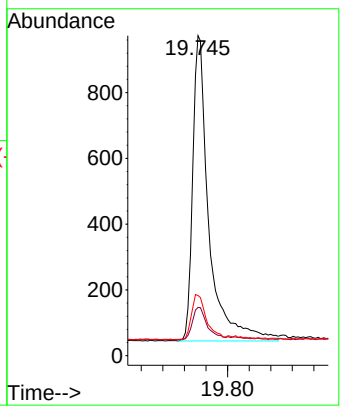


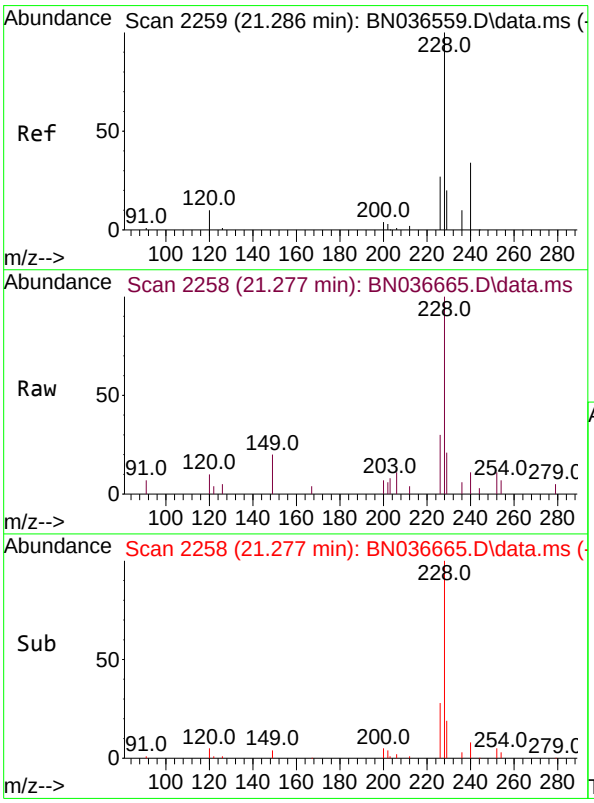
#31
Terphenyl-d14
Concen: 0.410 ng
RT: 19.745 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN036665.D
Acq: 17 Mar 2025 18:31

Instrument :
BNA_N
ClientSampleId :
PB167159BS

Tgt Ion:244 Resp: 1935

Ion	Ratio	Lower	Upper
244	100		
212	15.1	9.6	14.4#
122	18.8	13.9	20.9

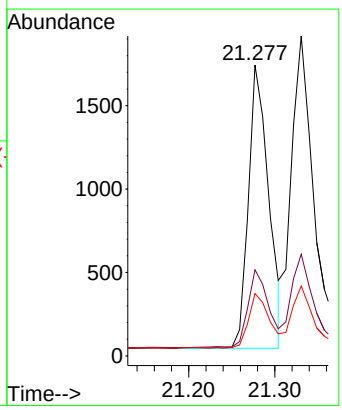


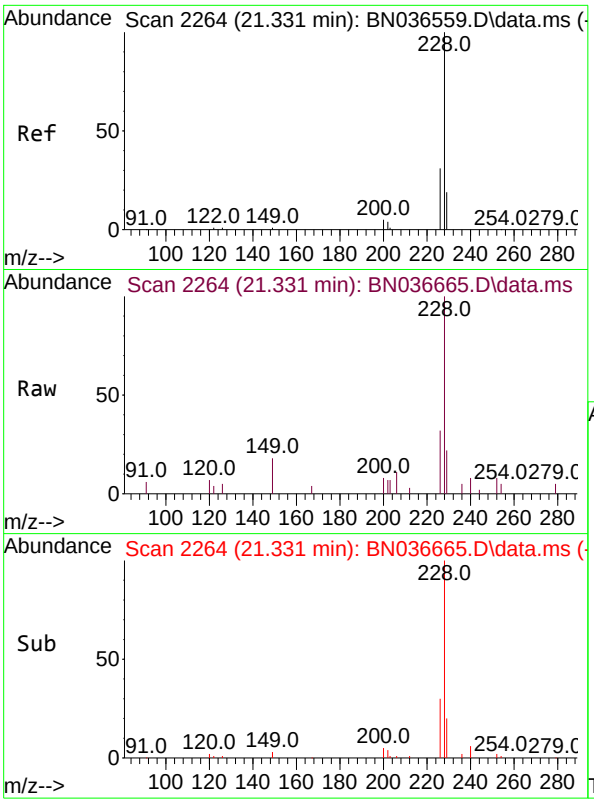


#32
Benzo(a)anthracene
Concen: 0.404 ng
RT: 21.277 min Scan# 2258
Delta R.T. -0.009 min
Lab File: BN036665.D
Acq: 17 Mar 2025 18:31

Tgt Ion:228 Resp: 2770

Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.5	33.7
229	21.5	16.6	25.0



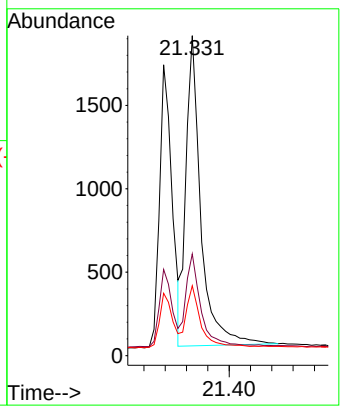


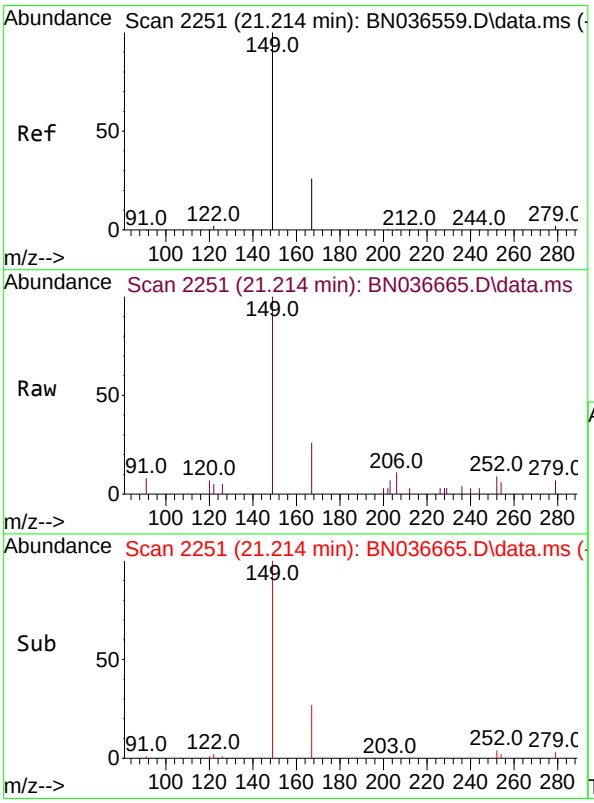
#33
Chrysene
Concen: 0.481 ng
RT: 21.331 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN036665.D
Acq: 17 Mar 2025 18:31

Instrument :
BNA_N
ClientSampleId :
PB167159BS

Tgt Ion:228 Resp: 3606

Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.3	37.9
229	21.8	15.8	23.8

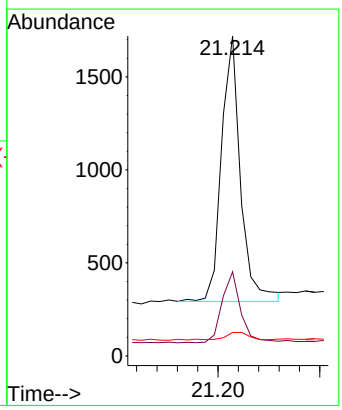


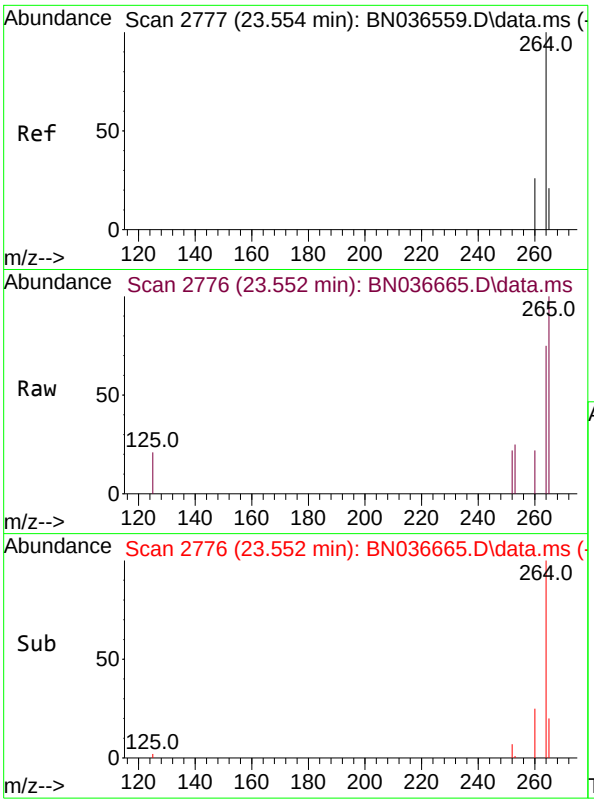


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.379 ng
RT: 21.214 min Scan# 2251
Delta R.T. 0.000 min
Lab File: BN036665.D
Acq: 17 Mar 2025 18:31

Tgt Ion:149 Resp: 1852

Ion	Ratio	Lower	Upper
149	100		
167	27.1	20.7	31.1
279	3.4	3.6	5.4#



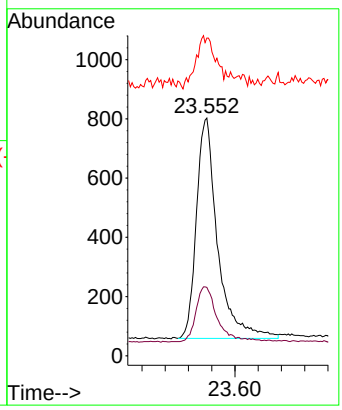


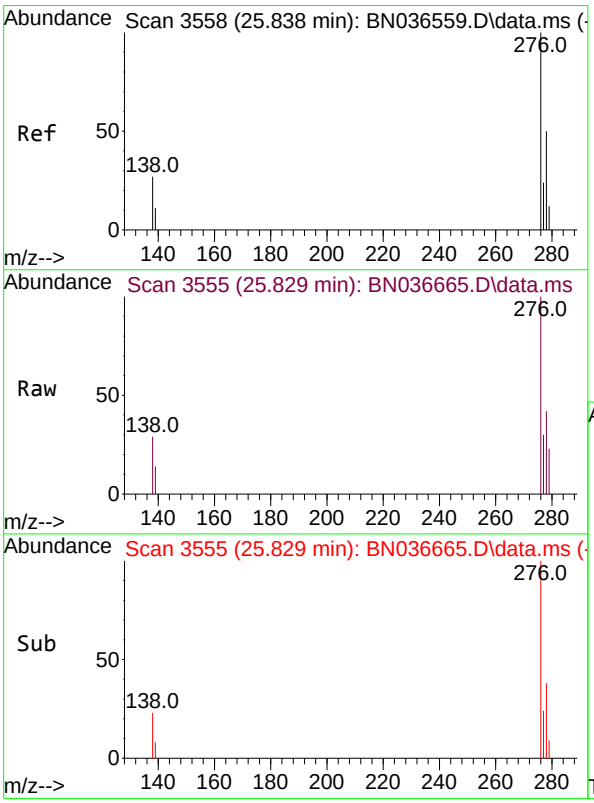
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.552 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN036665.D
Acq: 17 Mar 2025 18:31

Instrument :
BNA_N
ClientSampleId :
PB167159BS

Tgt Ion:264 Resp: 1878

Ion	Ratio	Lower	Upper
264	100		
260	28.8	22.6	33.8
265	133.6	88.1	132.1#

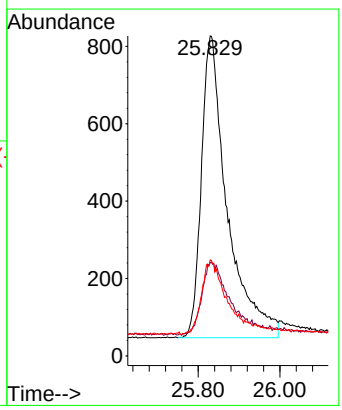


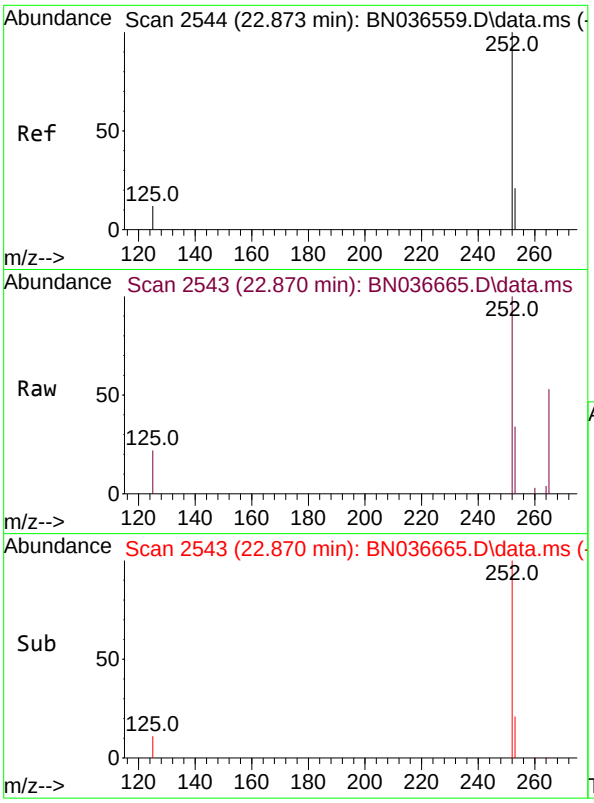


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.506 ng
RT: 25.829 min Scan# 3555
Delta R.T. -0.009 min
Lab File: BN036665.D
Acq: 17 Mar 2025 18:31

Tgt Ion:276 Resp: 3428

Ion	Ratio	Lower	Upper
276	100		
138	22.7	23.4	35.2#
277	22.8	20.0	30.0



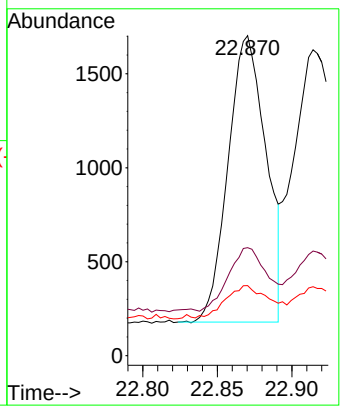


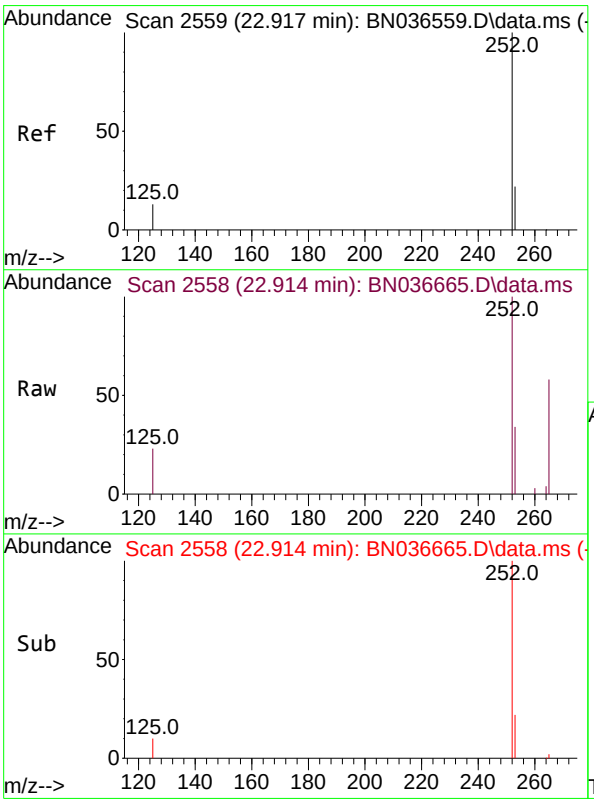
#37
Benzo(b)fluoranthene
Concen: 0.395 ng
RT: 22.870 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN036665.D
Acq: 17 Mar 2025 18:31

Instrument :
BNA_N
ClientSampleId :
PB167159BS

Tgt Ion:252 Resp: 2702

Ion	Ratio	Lower	Upper
252	100		
253	33.8	23.9	35.9
125	21.9	17.4	26.2

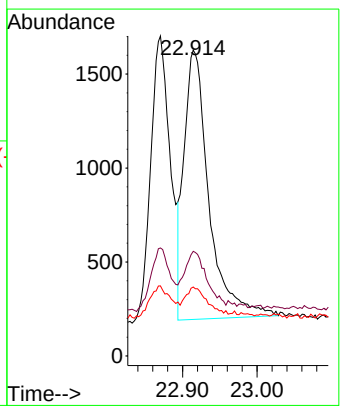


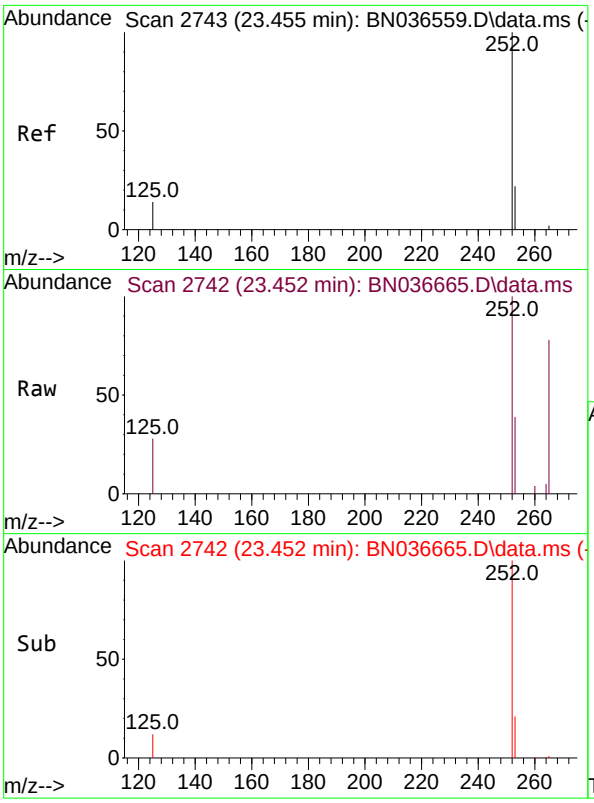


#38
Benzo(k)fluoranthene
Concen: 0.463 ng
RT: 22.914 min Scan# 2558
Delta R.T. -0.003 min
Lab File: BN036665.D
Acq: 17 Mar 2025 18:31

Tgt Ion:252 Resp: 3322

Ion	Ratio	Lower	Upper
252	100		
253	34.2	24.6	36.8
125	22.5	17.8	26.8



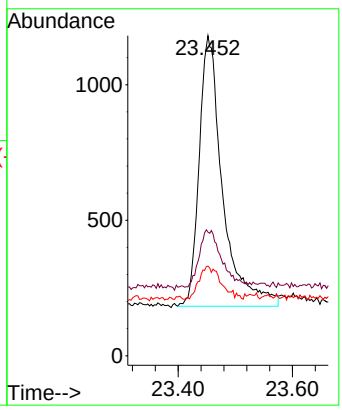


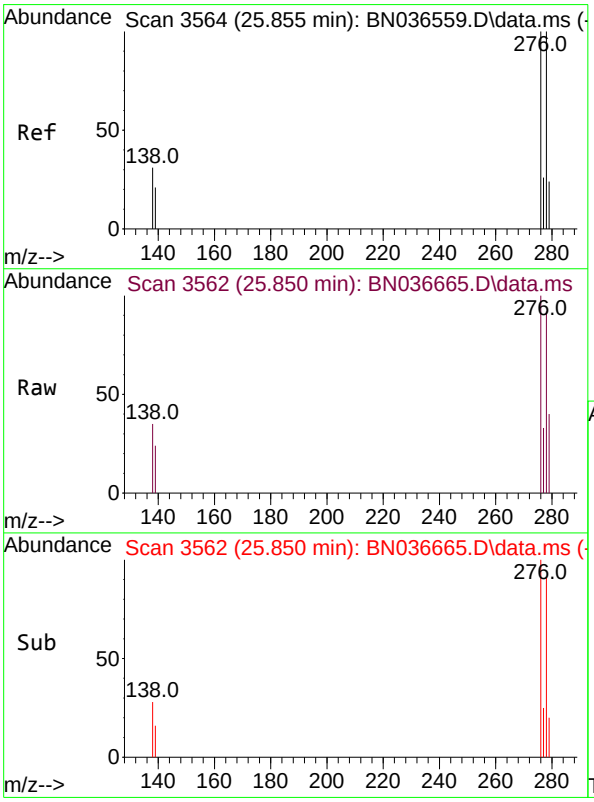
#39
Benzo(a)pyrene
Concen: 0.493 ng
RT: 23.452 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN036665.D
Acq: 17 Mar 2025 18:31

Instrument :
BNA_N
ClientSampleId :
PB167159BS

Tgt Ion:252 Resp: 2835

Ion	Ratio	Lower	Upper
252	100		
253	38.6	27.8	41.8
125	28.0	22.7	34.1

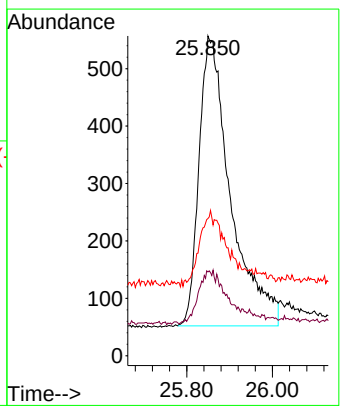


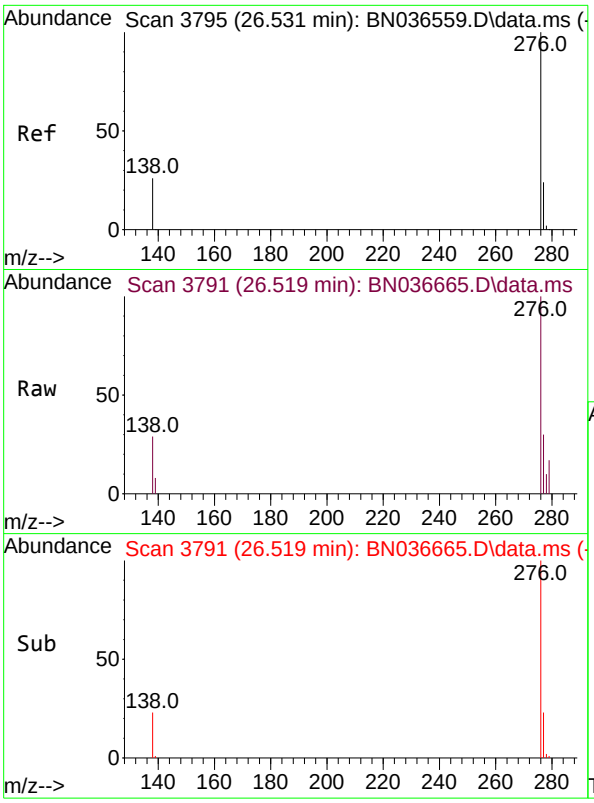


#40
Dibenzo(a,h)anthracene
Concen: 0.489 ng
RT: 25.850 min Scan# 3562
Delta R.T. -0.006 min
Lab File: BN036665.D
Acq: 17 Mar 2025 18:31

Tgt Ion:278 Resp: 2578

Ion	Ratio	Lower	Upper
278	100		
139	26.2	20.8	31.2
279	42.9	28.8	43.2





#41
Benzo(g,h,i)perylene
Concen: 0.473 ng
RT: 26.519 min Scan# 3
Delta R.T. -0.011 min
Lab File: BN036665.D
Acq: 17 Mar 2025 18:31

Instrument :
BNA_N
ClientSampleId :
PB167159BS

Tgt Ion:276 Resp: 2857

Ion	Ratio	Lower	Upper
276	100		
277	29.8	22.2	33.4
138	28.8	24.1	36.1