Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031825\
Data File : BN036683.D
Acq On : 18 Mar 2025 09:21
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 18 10:42:23 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	7.710	152	1819	0.400	ng		-0.01
7) Naphthalene-d8	10.498	136	4524	0.400	ng		-0.01
13) Acenaphthene-d10	14.355	164	2641	0.400	ng		-0.01
19) Phenanthrene-d10	17.099	188	5270	0.400	ng		-0.01
29) Chrysene-d12	21.286	240	3871	0.400	ng		0.00
35) Perylene-d12	23.537	264	3319	0.400	ng		#-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.305	112	1477	0.348	ng		0.00
5) Phenol-d6	6.886	99	1826	0.349	ng		-0.01
8) Nitrobenzene-d5	8.864	82	1719	0.349	ng		-0.01
11) 2-Methylnaphthalene-d10	12.096	152	2368	0.352	ng		-0.02
14) 2,4,6-Tribromophenol	15.845	330	453	0.378	ng		-0.01
15) 2-Fluorobiphenyl	12.978	172	5641	0.367	ng		-0.01
27) Fluoranthene-d10	19.132	212	5107	0.378	ng		0.00
31) Terphenyl-d14	19.740	244	3227	0.348	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	845	0.419	ng		97
3) n-Nitrosodimethylamine	3.550	42	1629	0.399	ng		90
6) bis(2-Chloroethyl)ether	7.139	93	1789	0.330	ng		95
9) Naphthalene	10.551	128	4773	0.359	ng		99
10) Hexachlorobutadiene	10.840	225	1126	0.359	ng	#	98
12) 2-Methylnaphthalene	12.172	142	3000	0.354	ng		98
16) Acenaphthylene	14.067	152	4550	0.365	ng		100
17) Acenaphthene	14.409	154	2968	0.364	ng		100
18) Fluorene	15.403	166	4104	0.372	ng		100
20) 4,6-Dinitro-2-methylph...	15.499	198	334	0.394	ng		94
21) 4-Bromophenyl-phenylether	16.304	248	1254	0.380	ng	#	78
22) Hexachlorobenzene	16.404	284	1466	0.368	ng		94
23) Atrazine	16.577	200	977	0.369	ng		95
24) Pentachlorophenol	16.764	266	643	0.354	ng		99
25) Phenanthrene	17.136	178	6044	0.382	ng		99
26) Anthracene	17.235	178	5428	0.381	ng		99
28) Fluoranthene	19.164	202	6897	0.388	ng		99
30) Pyrene	19.527	202	6775	0.358	ng		99
32) Benzo(a)anthracene	21.277	228	4798	0.356	ng		99
33) Chrysene	21.322	228	5558	0.378	ng		99
34) Bis(2-ethylhexyl)phtha...	21.205	149	3479	0.363	ng	#	99
36) Indeno(1,2,3-cd)pyrene	25.817	276	4216	0.352	ng		95
37) Benzo(b)fluoranthene	22.861	252	4509	0.373	ng		97
38) Benzo(k)fluoranthene	22.905	252	4672	0.369	ng		96
39) Benzo(a)pyrene	23.440	252	3758	0.369	ng		97
40) Dibenzo(a,h)anthracene	25.838	278	3134	0.336	ng		98
41) Benzo(g,h,i)perylene	26.513	276	3819	0.358	ng		98

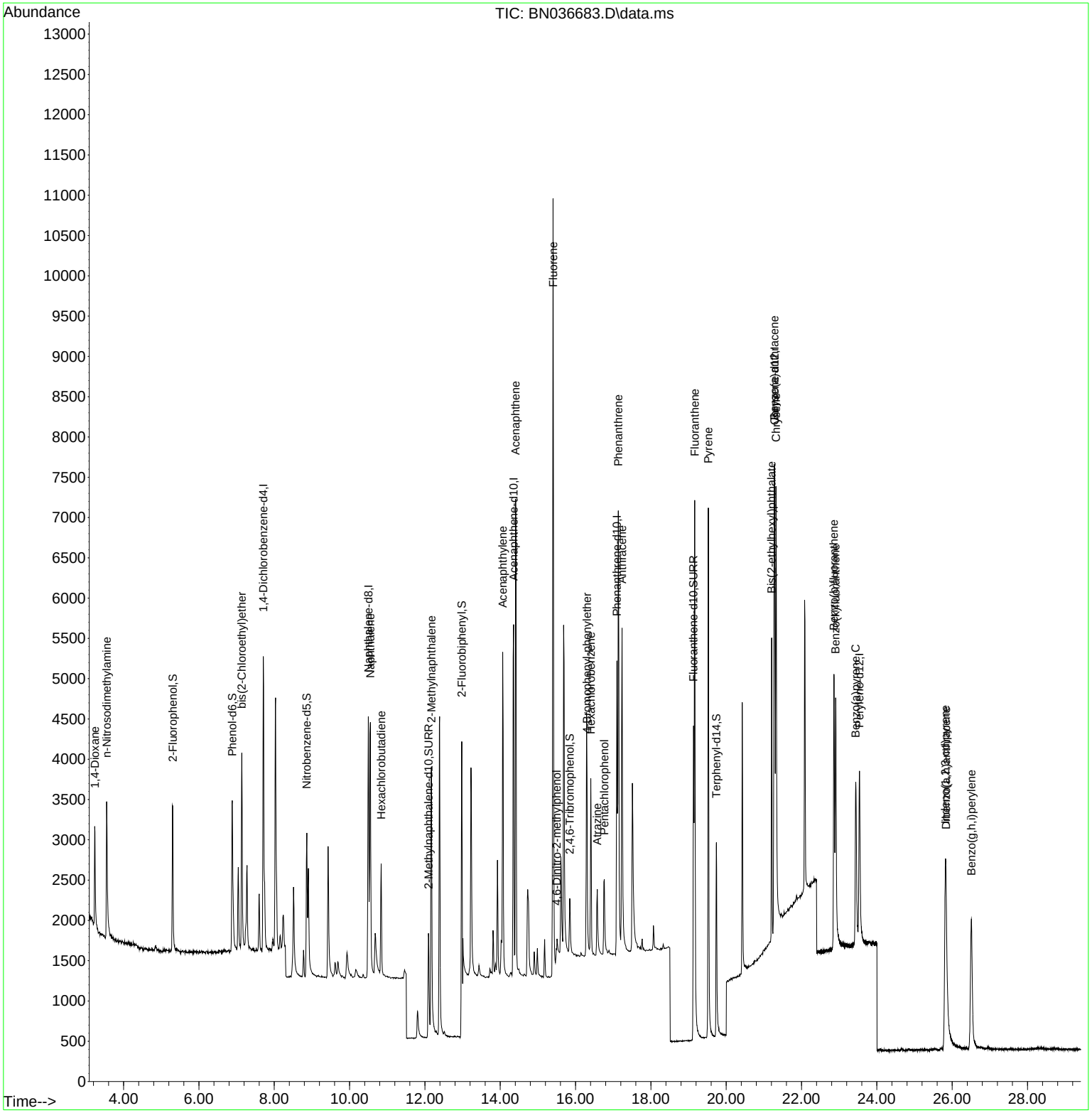
(#) = qualifier out of range (m) = manual integration (+) = signals summed

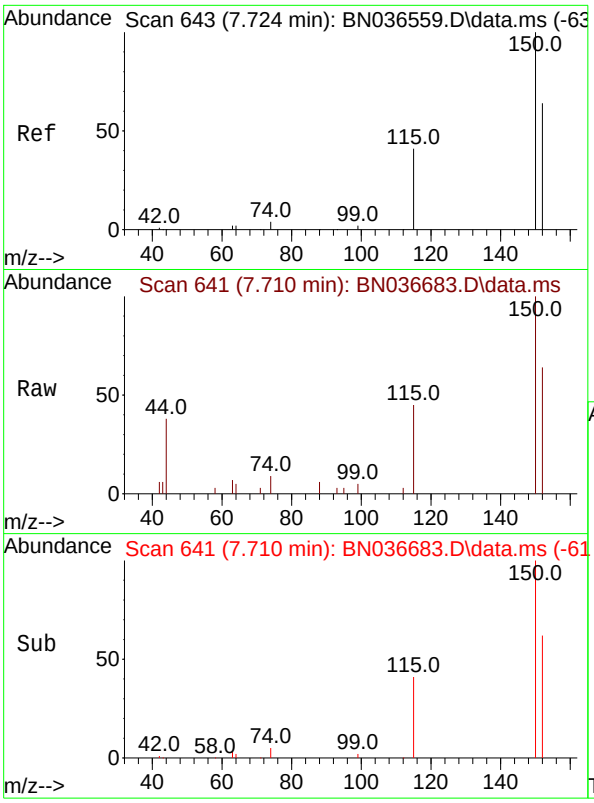
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031825\
Data File : BN036683.D
Acq On : 18 Mar 2025 09:21
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 18 10:42:23 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



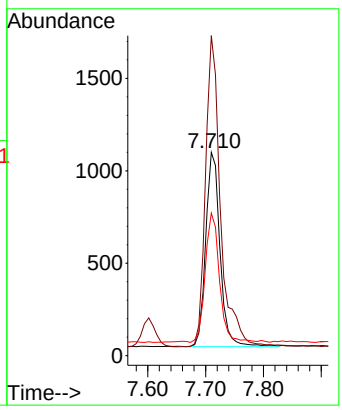


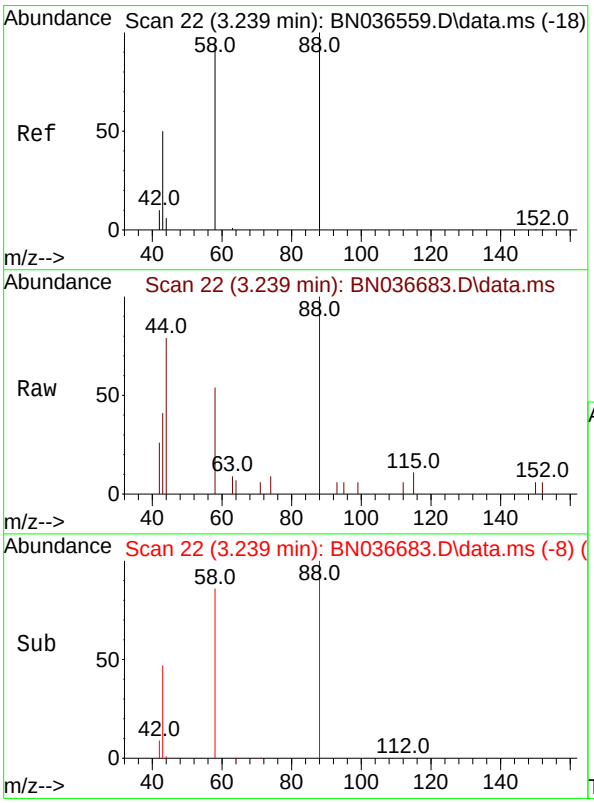
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.710 min Scan# 6
Delta R.T. -0.014 min
Lab File: BN036683.D
Acq: 18 Mar 2025 09:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1819

Ion	Ratio	Lower	Upper
152	100		
150	157.4	123.7	185.5
115	70.1	54.3	81.5

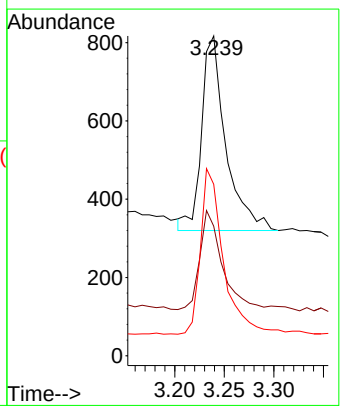


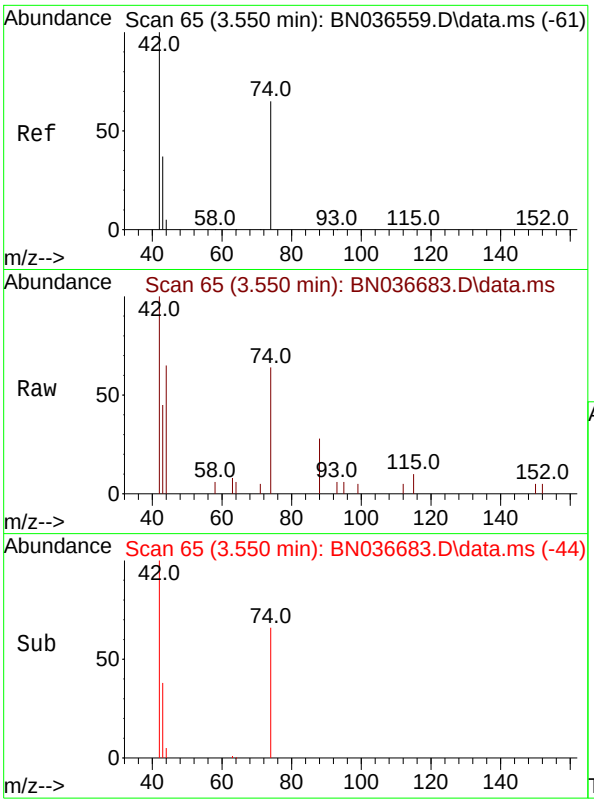


#2
1,4-Dioxane
Concen: 0.419 ng
RT: 3.239 min Scan# 22
Delta R.T. 0.000 min
Lab File: BN036683.D
Acq: 18 Mar 2025 09:21

Tgt Ion: 88 Resp: 845

Ion	Ratio	Lower	Upper
88	100		
43	47.8	37.8	56.8
58	79.9	67.4	101.2



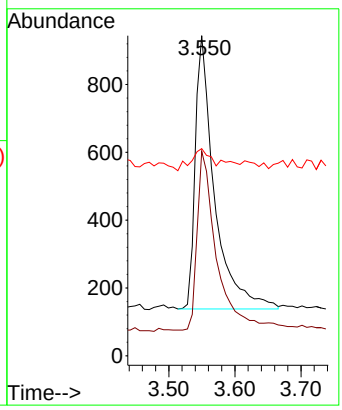


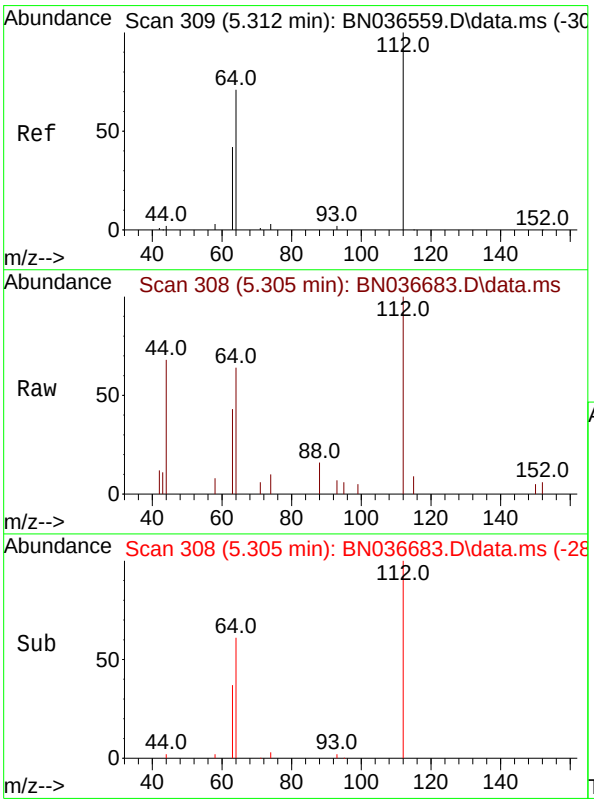
#3
n-Nitrosodimethylamine
Concen: 0.399 ng
RT: 3.550 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN036683.D
Acq: 18 Mar 2025 09:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1629

Ion	Ratio	Lower	Upper
42	100		
74	66.4	60.6	90.8
44	7.8	6.3	9.5

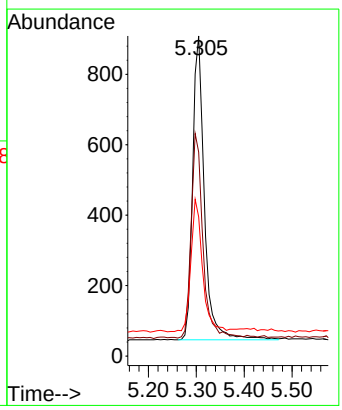


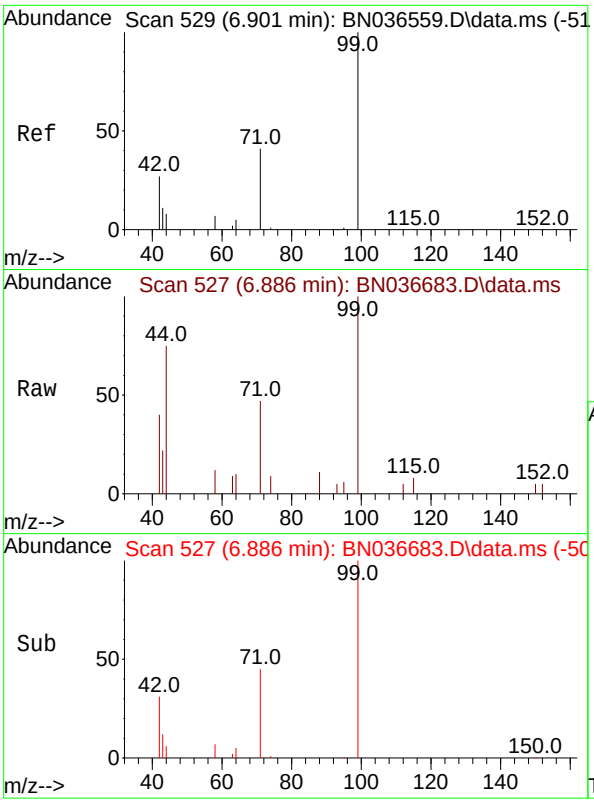


#4
2-Fluorophenol
Concen: 0.348 ng
RT: 5.305 min Scan# 308
Delta R.T. -0.007 min
Lab File: BN036683.D
Acq: 18 Mar 2025 09:21

Tgt Ion:112 Resp: 1477

Ion	Ratio	Lower	Upper
112	100		
64	67.8	53.1	79.7
63	43.1	31.8	47.8



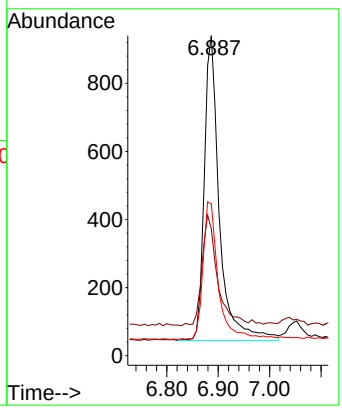


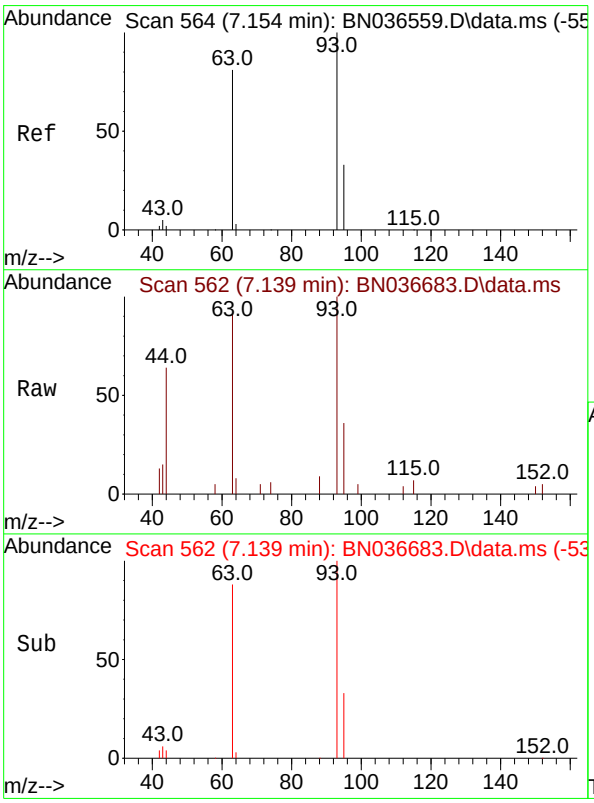
#5
Phenol-d6
Concen: 0.349 ng
RT: 6.886 min Scan# 5
Delta R.T. -0.014 min
Lab File: BN036683.D
Acq: 18 Mar 2025 09:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 1826

Ion	Ratio	Lower	Upper
99	100		
42	37.1	26.5	39.7
71	46.3	34.1	51.1

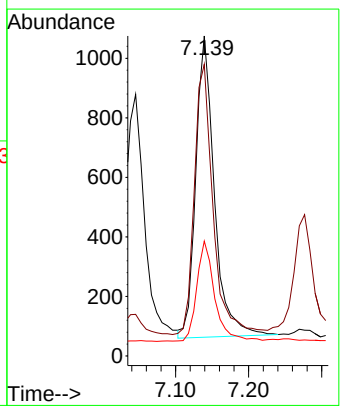


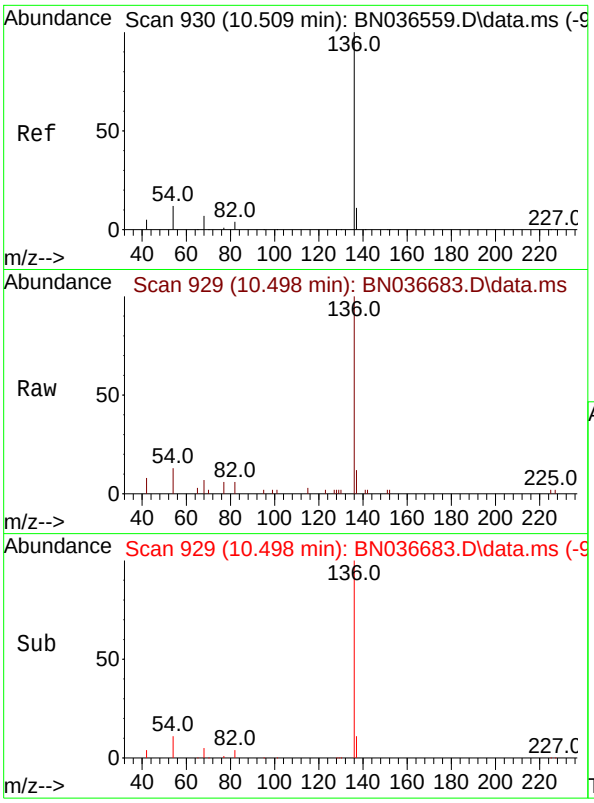


#6
bis(2-Chloroethyl)ether
Concen: 0.330 ng
RT: 7.139 min Scan# 562
Delta R.T. -0.014 min
Lab File: BN036683.D
Acq: 18 Mar 2025 09:21

Tgt Ion: 93 Resp: 1789

Ion	Ratio	Lower	Upper
93	100		
63	90.4	67.7	101.5
95	32.4	25.6	38.4



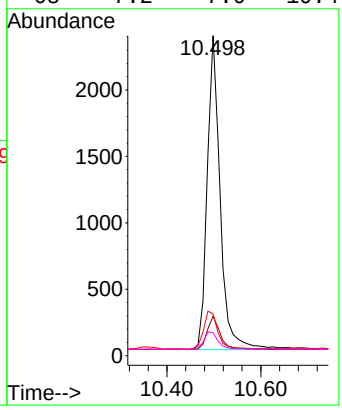


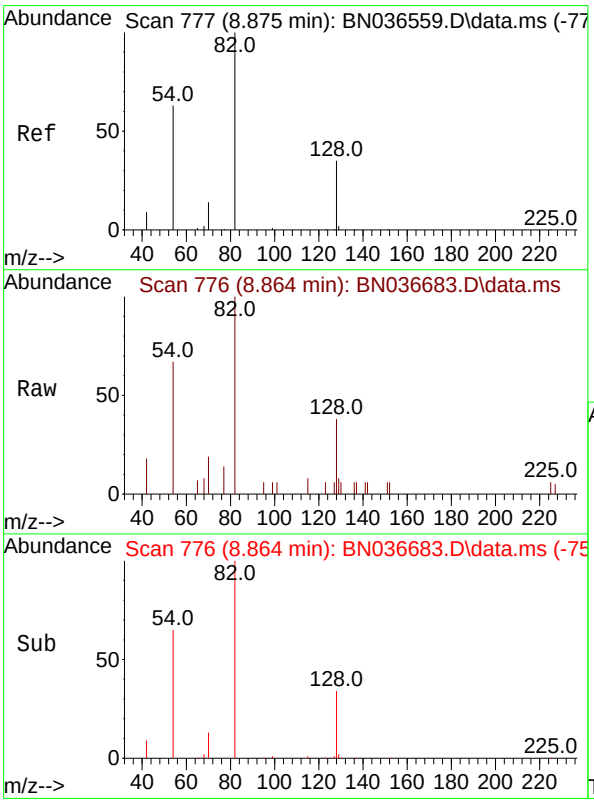
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN036683.D
Acq: 18 Mar 2025 09:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 4524

Ion	Ratio	Lower	Upper
136	100		
137	12.3	10.3	15.5
54	13.0	11.5	17.3
68	7.2	7.0	10.4

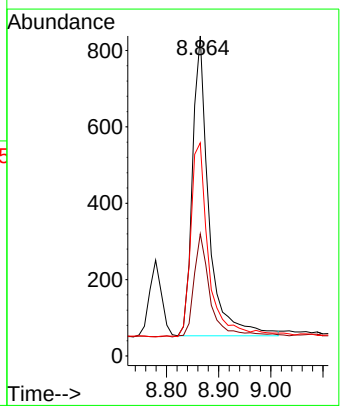


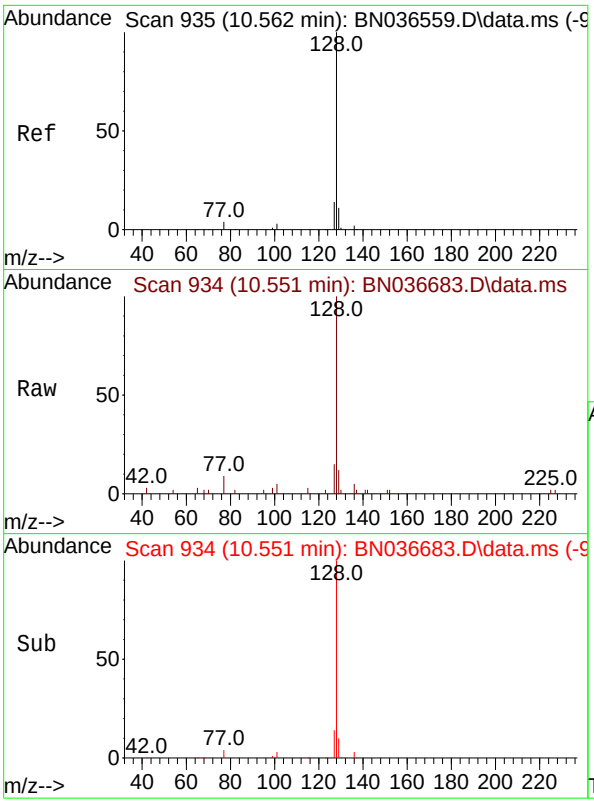


#8
Nitrobenzene-d5
Concen: 0.349 ng
RT: 8.864 min Scan# 776
Delta R.T. -0.011 min
Lab File: BN036683.D
Acq: 18 Mar 2025 09:21

Tgt Ion: 82 Resp: 1719

Ion	Ratio	Lower	Upper
82	100		
128	38.2	30.6	45.8
54	66.6	52.2	78.4



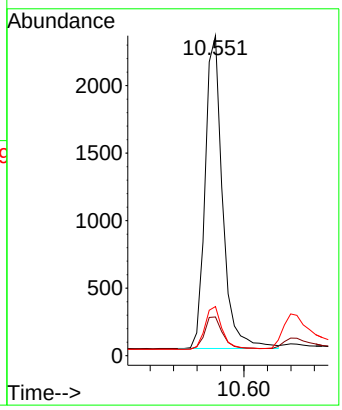


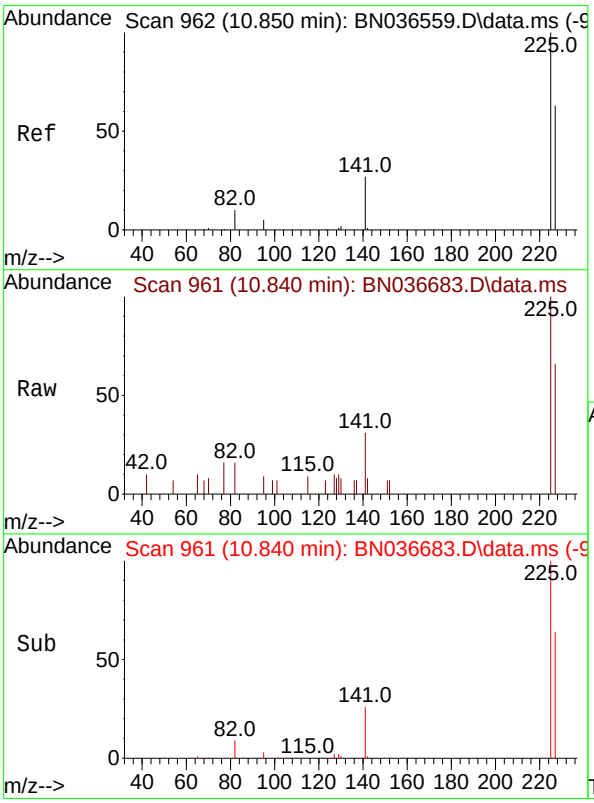
#9
Naphthalene
Concen: 0.359 ng
RT: 10.551 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN036683.D
Acq: 18 Mar 2025 09:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 4773

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.8	14.6
127	15.4	11.8	17.8

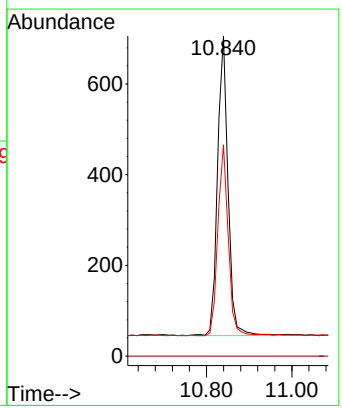


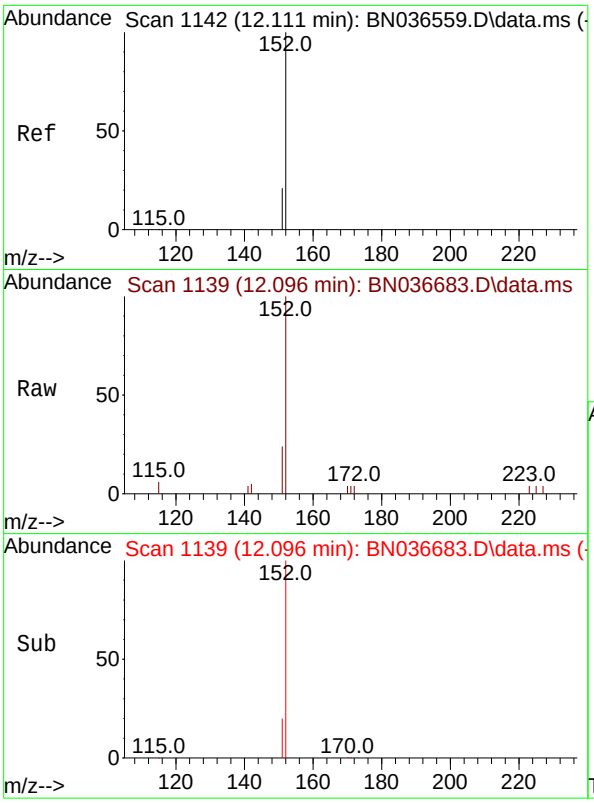


#10
Hexachlorobutadiene
Concen: 0.359 ng
RT: 10.840 min Scan# 961
Delta R.T. -0.011 min
Lab File: BN036683.D
Acq: 18 Mar 2025 09:21

Tgt Ion:225 Resp: 1126

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.4	51.8	77.8



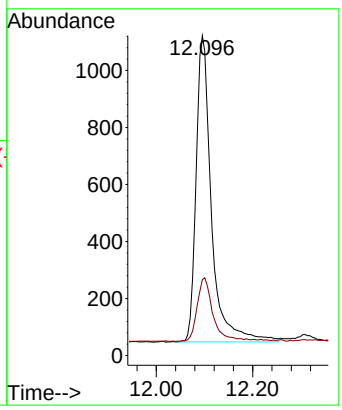


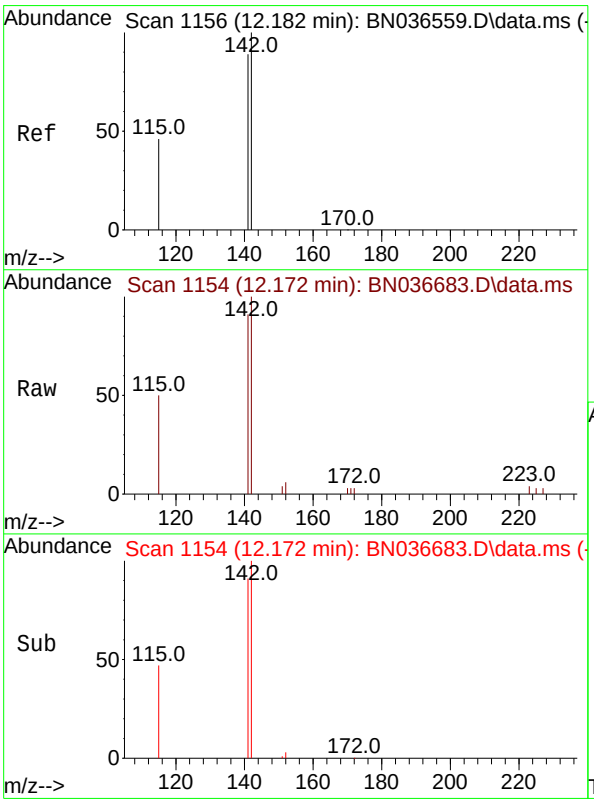
#11
2-Methylnaphthalene-d10
Concen: 0.352 ng
RT: 12.096 min Scan# 11
Delta R.T. -0.015 min
Lab File: BN036683.D
Acq: 18 Mar 2025 09:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 2368

Ion	Ratio	Lower	Upper
152	100		
151	21.7	17.0	25.6

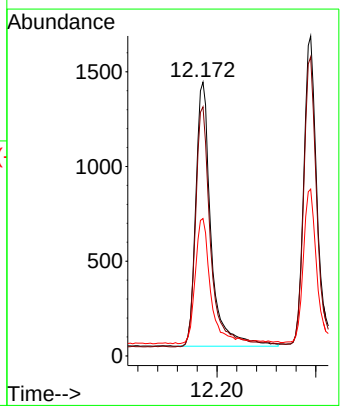


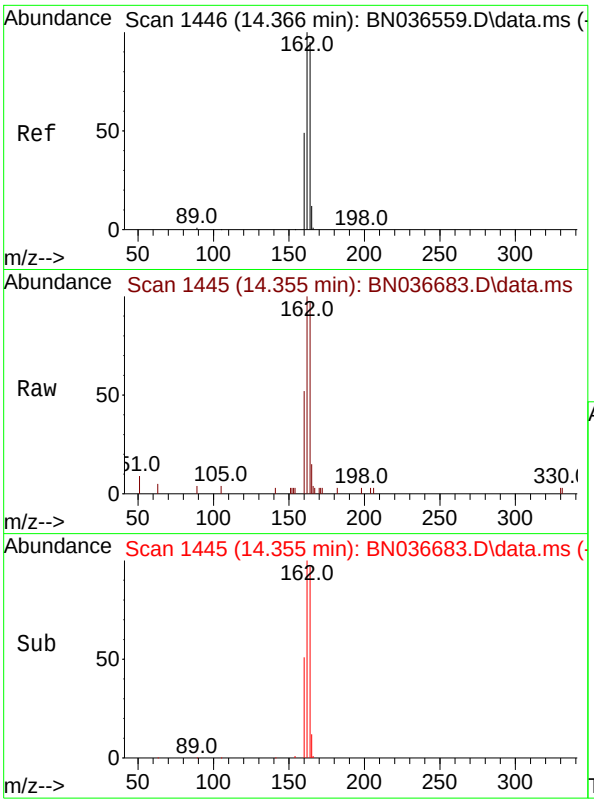


#12
2-Methylnaphthalene
Concen: 0.354 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.010 min
Lab File: BN036683.D
Acq: 18 Mar 2025 09:21

Tgt Ion:142 Resp: 3000

Ion	Ratio	Lower	Upper
142	100		
141	91.0	71.7	107.5
115	50.2	38.3	57.5



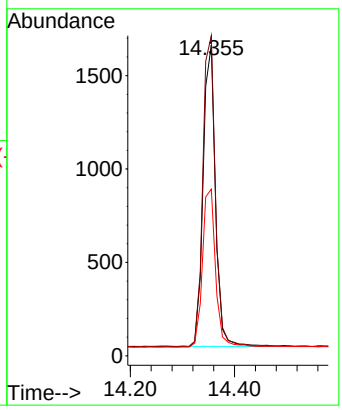


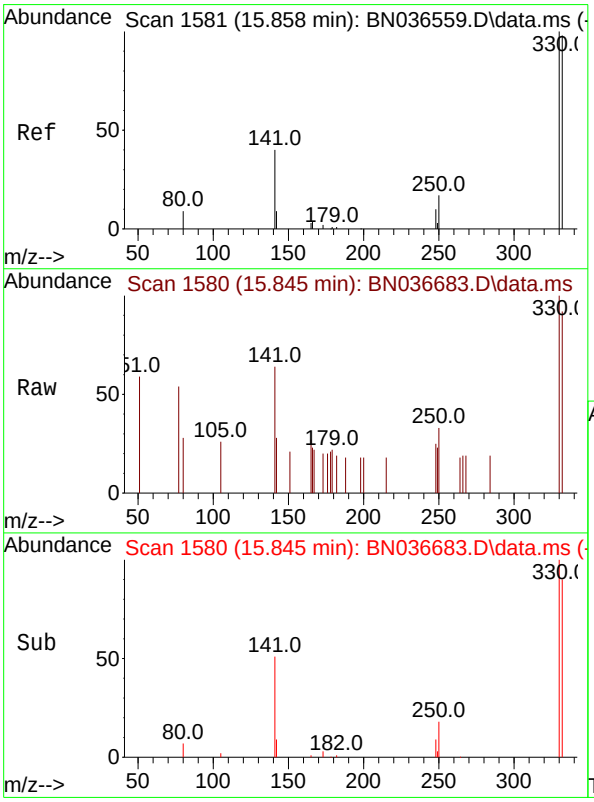
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.355 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN036683.D
Acq: 18 Mar 2025 09:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 2641

Ion	Ratio	Lower	Upper
164	100		
162	103.0	84.2	126.2
160	53.6	42.2	63.2

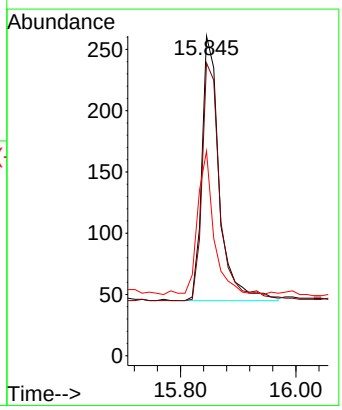


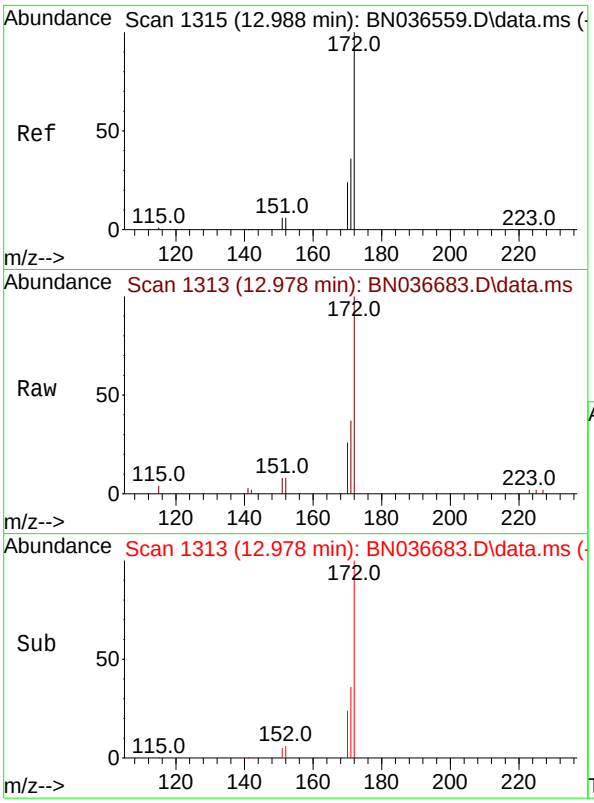


#14
2,4,6-Tribromophenol
Concen: 0.378 ng
RT: 15.845 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BN036683.D
Acq: 18 Mar 2025 09:21

Tgt Ion:330 Resp: 453

Ion	Ratio	Lower	Upper
330	100		
332	93.2	75.2	112.8
141	51.2	43.4	65.2



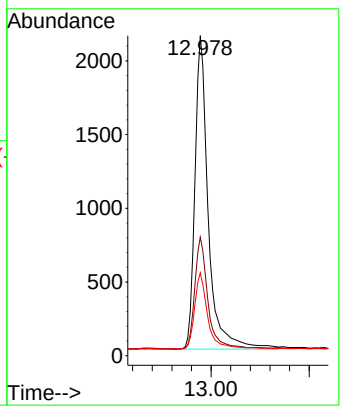


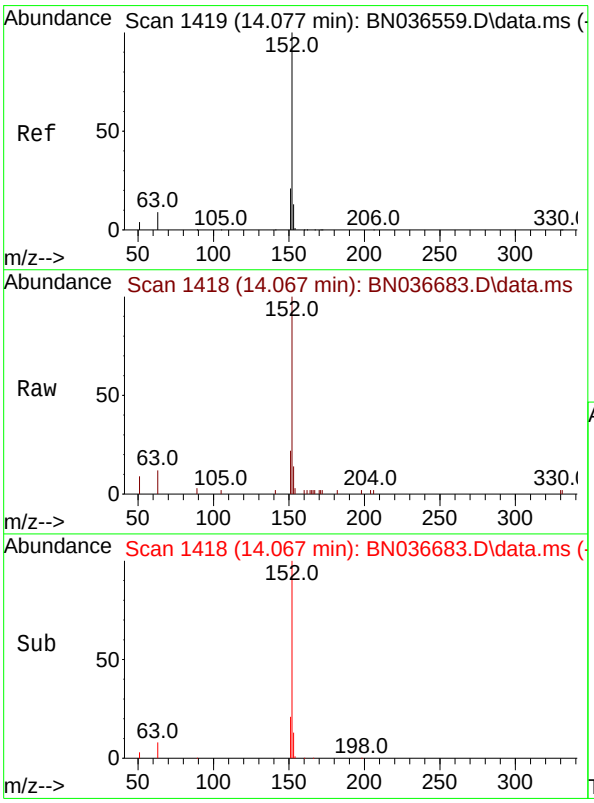
#15
2-Fluorobiphenyl
Concen: 0.367 ng
RT: 12.978 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN036683.D
Acq: 18 Mar 2025 09:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 5641

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.5	44.3
170	25.9	20.2	30.4

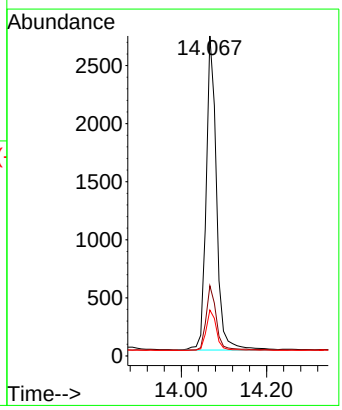


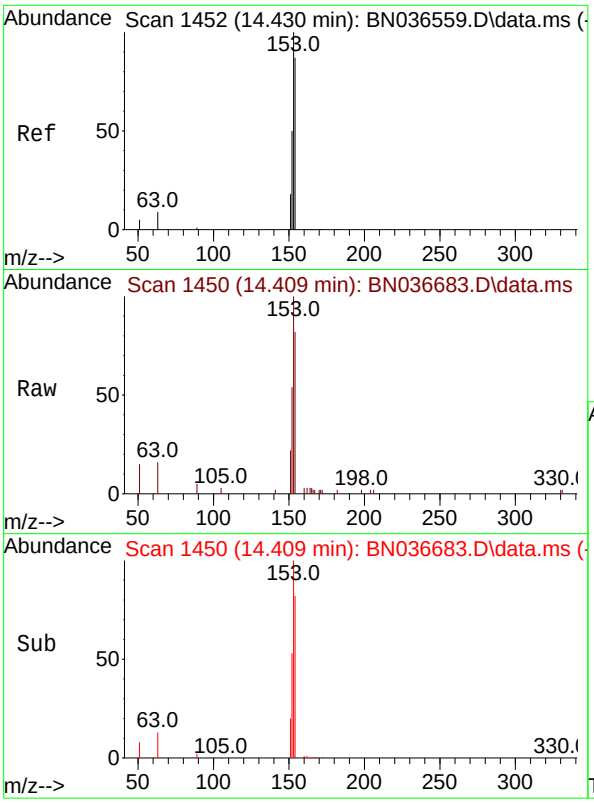


#16
Acenaphthylene
Concen: 0.365 ng
RT: 14.067 min Scan# 1418
Delta R.T. -0.011 min
Lab File: BN036683.D
Acq: 18 Mar 2025 09:21

Tgt Ion:152 Resp: 4550

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.4
153	12.9	10.6	15.8



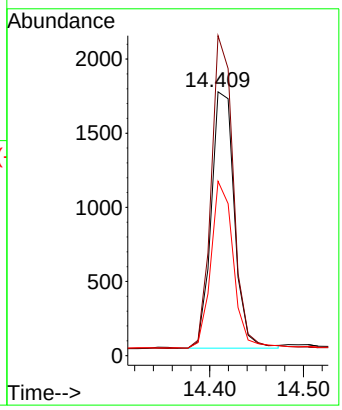


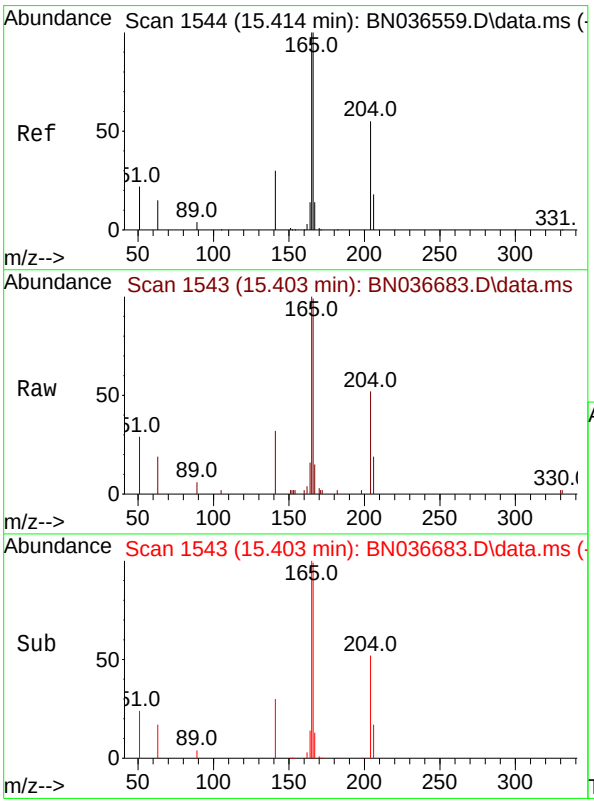
#17
Acenaphthene
Concen: 0.364 ng
RT: 14.409 min Scan# 14
Delta R.T. -0.021 min
Lab File: BN036683.D
Acq: 18 Mar 2025 09:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 2968

Ion	Ratio	Lower	Upper
154	100		
153	117.6	94.1	141.1
152	63.2	49.8	74.6

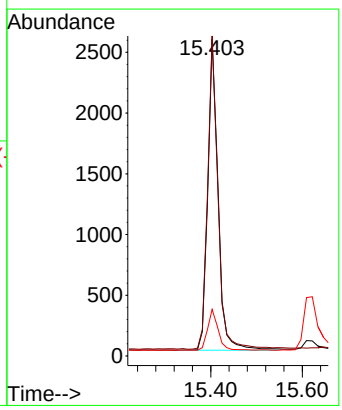


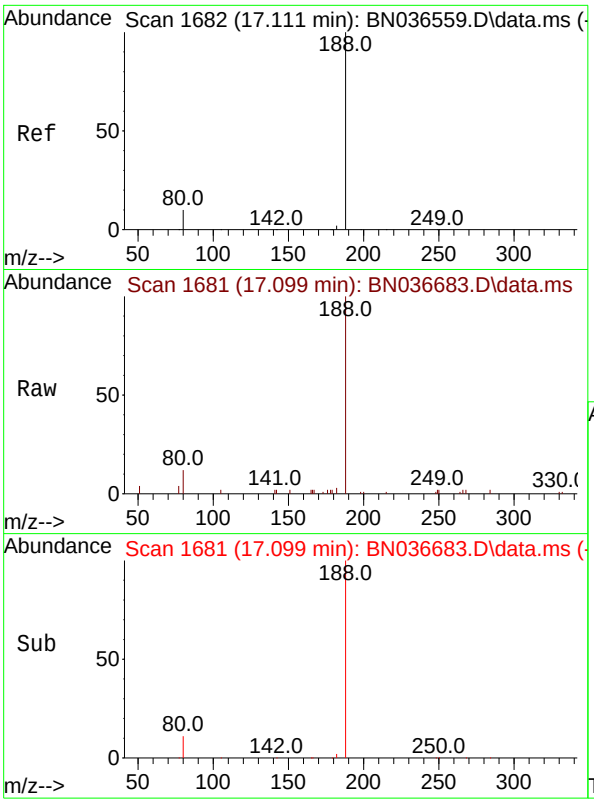


#18
Fluorene
Concen: 0.372 ng
RT: 15.403 min Scan# 1543
Delta R.T. -0.011 min
Lab File: BN036683.D
Acq: 18 Mar 2025 09:21

Tgt Ion:166 Resp: 4104

Ion	Ratio	Lower	Upper
166	100		
165	99.5	79.8	119.8
167	13.1	10.6	15.8



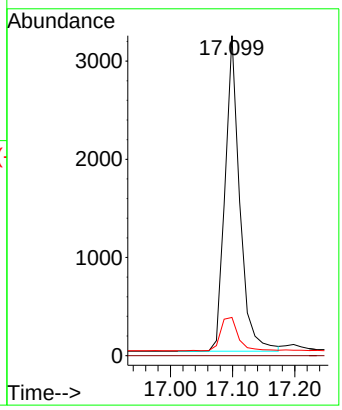


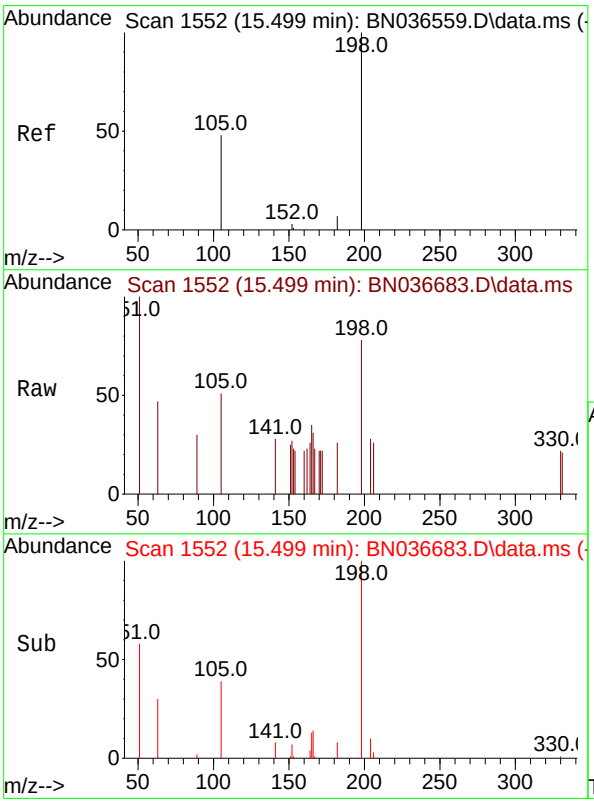
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1(
Delta R.T. -0.012 min
Lab File: BN036683.D
Acq: 18 Mar 2025 09:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 5270

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.0	8.8	13.2

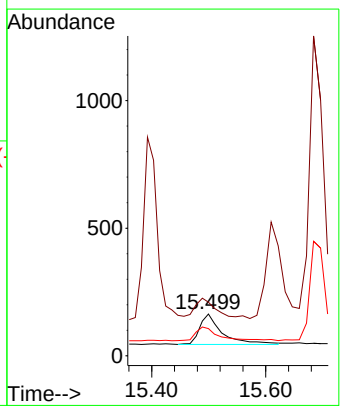


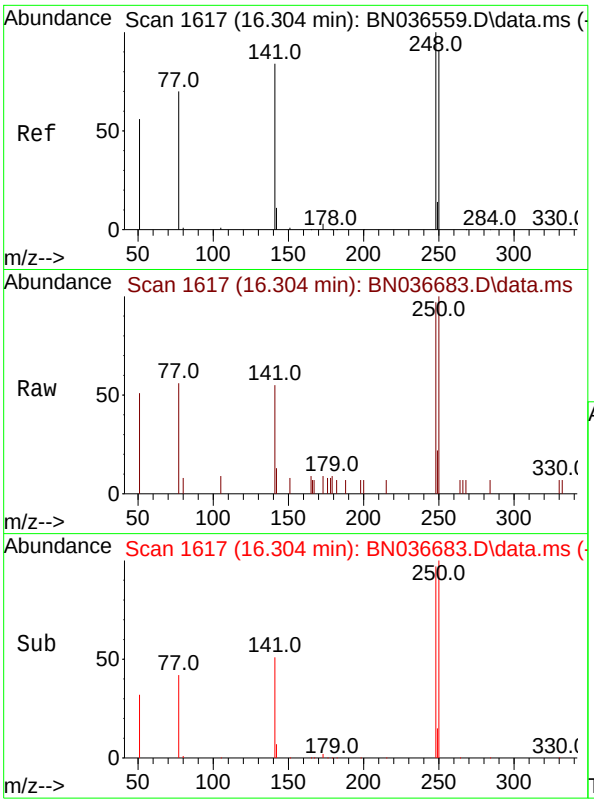


#20
4,6-Dinitro-2-methylphenol
Concen: 0.394 ng
RT: 15.499 min Scan# 1552
Delta R.T. 0.000 min
Lab File: BN036683.D
Acq: 18 Mar 2025 09:21

Tgt Ion:198 Resp: 334

Ion	Ratio	Lower	Upper
198	100		
51	128.0	107.9	161.9
105	65.2	56.2	84.2



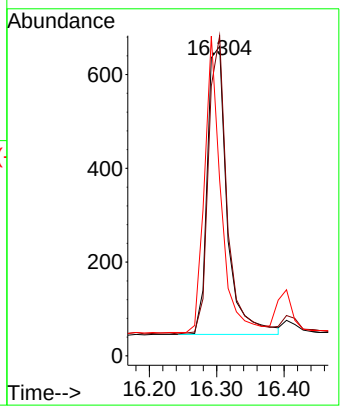


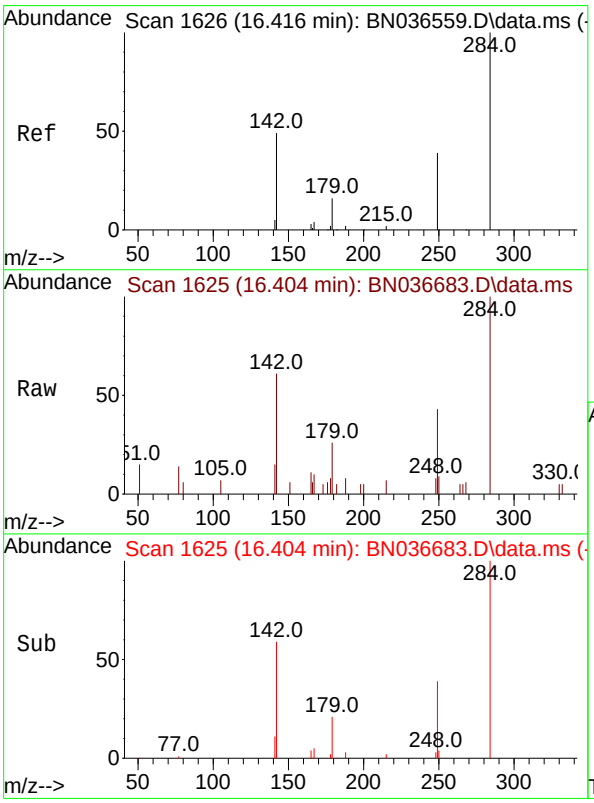
#21
4-Bromophenyl-phenylether
Concen: 0.380 ng
RT: 16.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036683.D
Acq: 18 Mar 2025 09:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 1254

Ion	Ratio	Lower	Upper
248	100		
250	103.5	73.0	109.6
141	56.8	68.6	103.0#

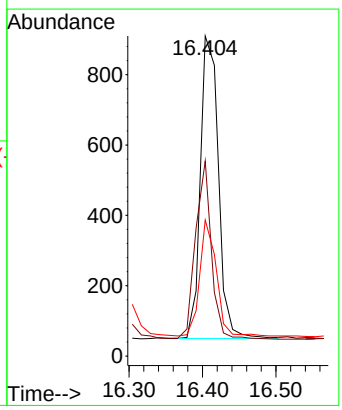


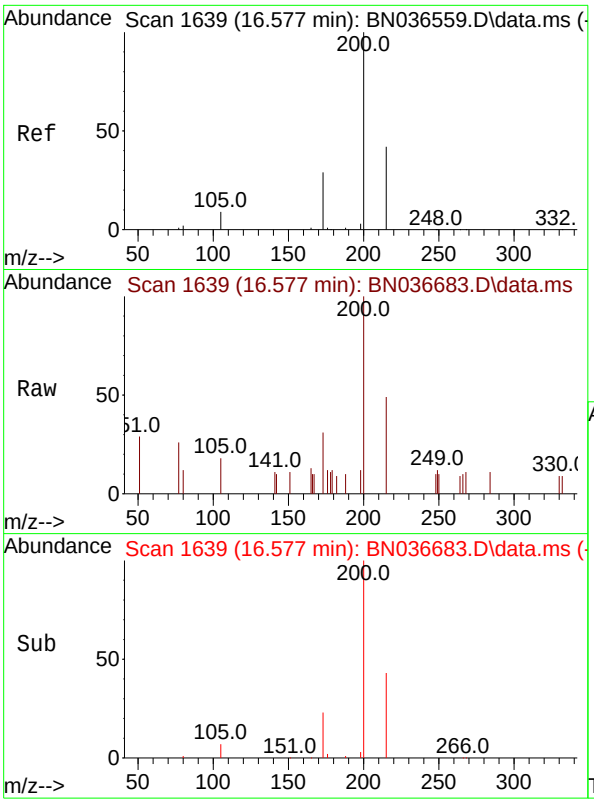


#22
Hexachlorobenzene
Concen: 0.368 ng
RT: 16.404 min Scan# 1625
Delta R.T. -0.012 min
Lab File: BN036683.D
Acq: 18 Mar 2025 09:21

Tgt Ion:284 Resp: 1466

Ion	Ratio	Lower	Upper
284	100		
142	52.3	37.0	55.4
249	36.4	28.1	42.1



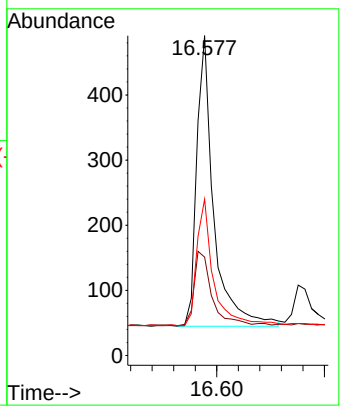


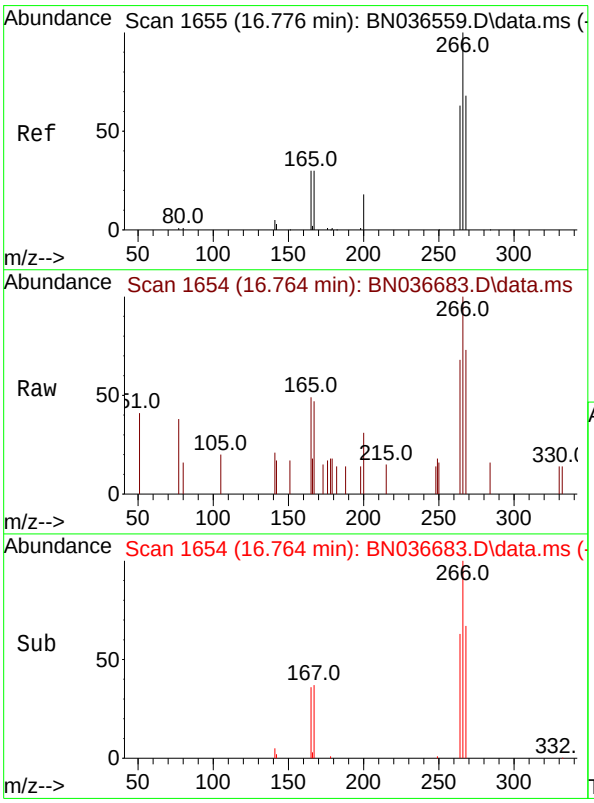
#23
Atrazine
Concen: 0.369 ng
RT: 16.577 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN036683.D
Acq: 18 Mar 2025 09:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 977

Ion	Ratio	Lower	Upper
200	100		
173	30.8	27.3	40.9
215	48.9	36.8	55.2

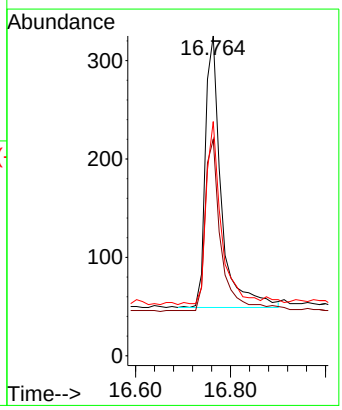


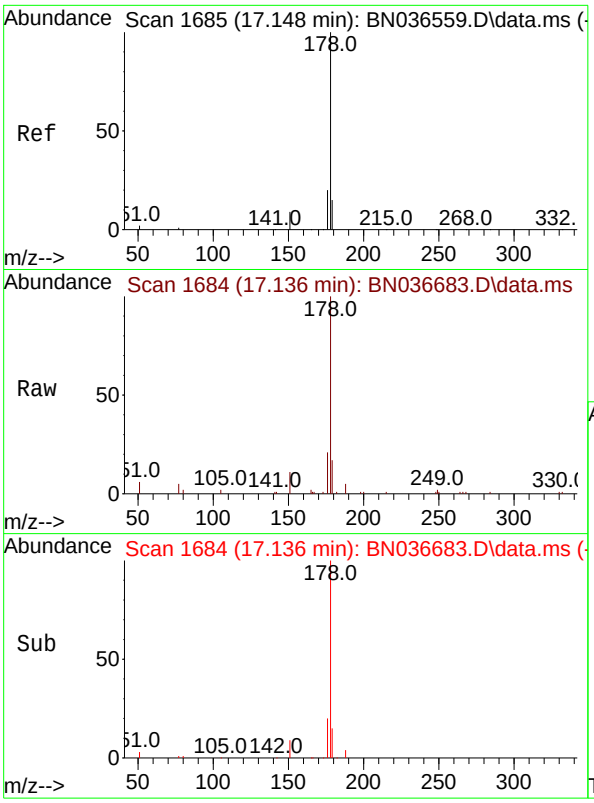


#24
Pentachlorophenol
Concen: 0.354 ng
RT: 16.764 min Scan# 1654
Delta R.T. -0.012 min
Lab File: BN036683.D
Acq: 18 Mar 2025 09:21

Tgt Ion:266 Resp: 643

Ion	Ratio	Lower	Upper
266	100		
264	62.7	49.6	74.4
268	64.1	50.9	76.3



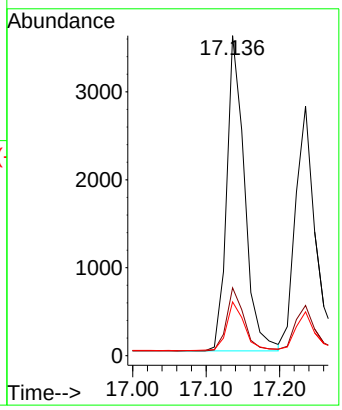


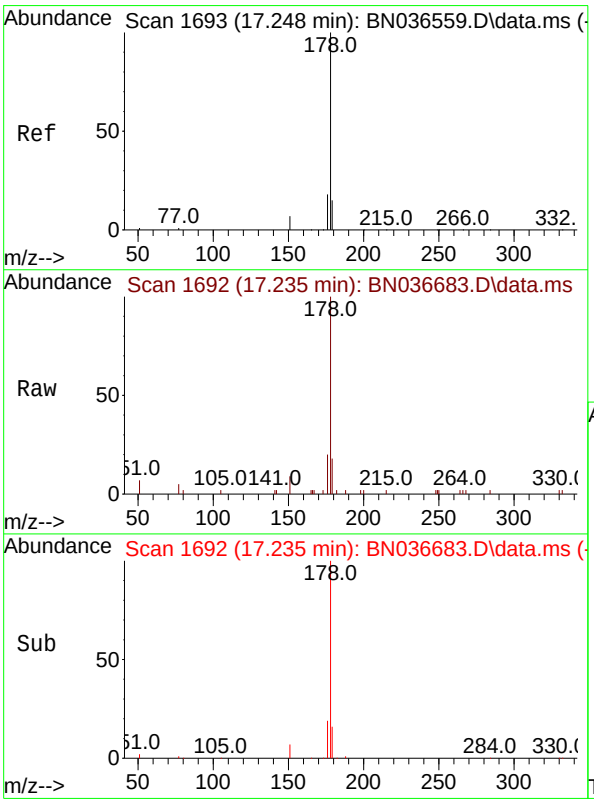
#25
Phenanthrene
Concen: 0.382 ng
RT: 17.136 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN036683.D
Acq: 18 Mar 2025 09:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 6044

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	15.8	12.2	18.4

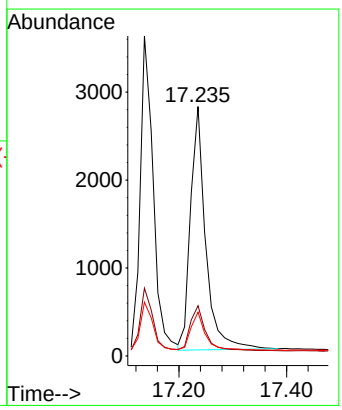


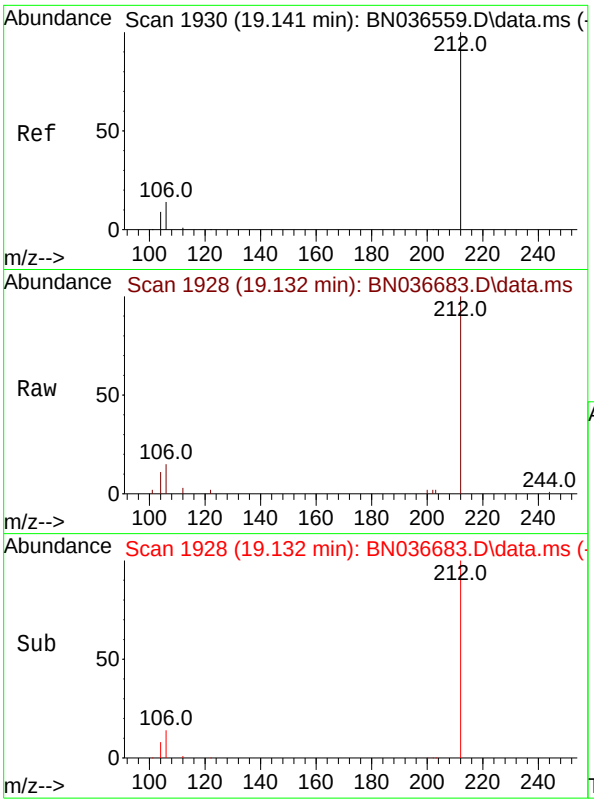


#26
Anthracene
Concen: 0.381 ng
RT: 17.235 min Scan# 1692
Delta R.T. -0.012 min
Lab File: BN036683.D
Acq: 18 Mar 2025 09:21

Tgt Ion:178 Resp: 5428

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.5	12.6	18.8



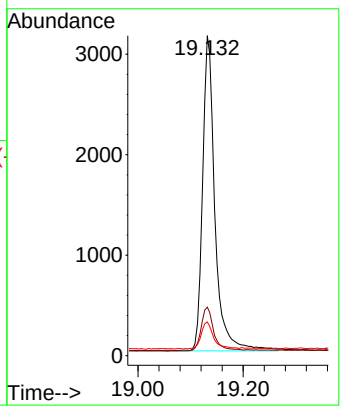


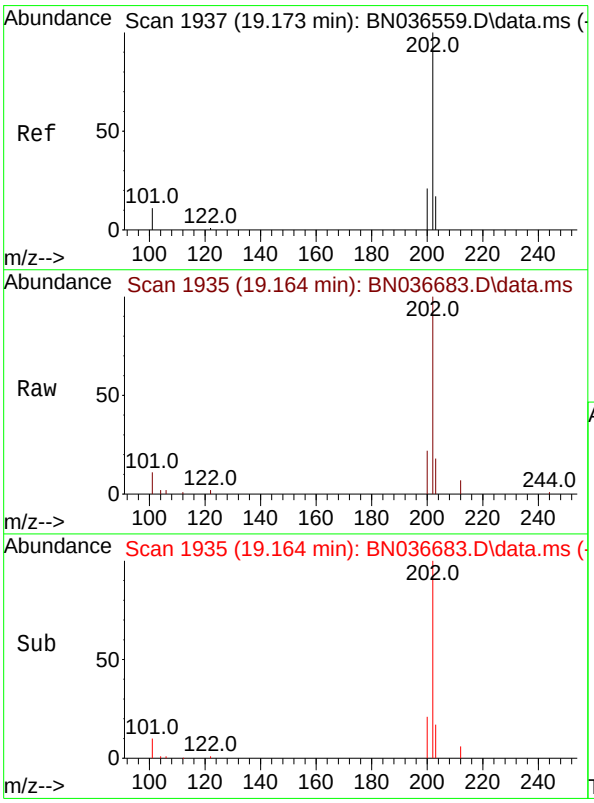
#27
Fluoranthene-d10
Concen: 0.378 ng
RT: 19.132 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN036683.D
Acq: 18 Mar 2025 09:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 5107

Ion	Ratio	Lower	Upper
212	100		
106	13.8	11.8	17.6
104	8.6	7.3	10.9

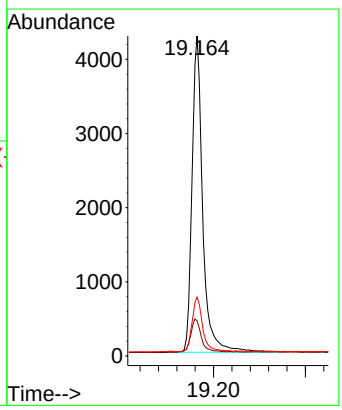


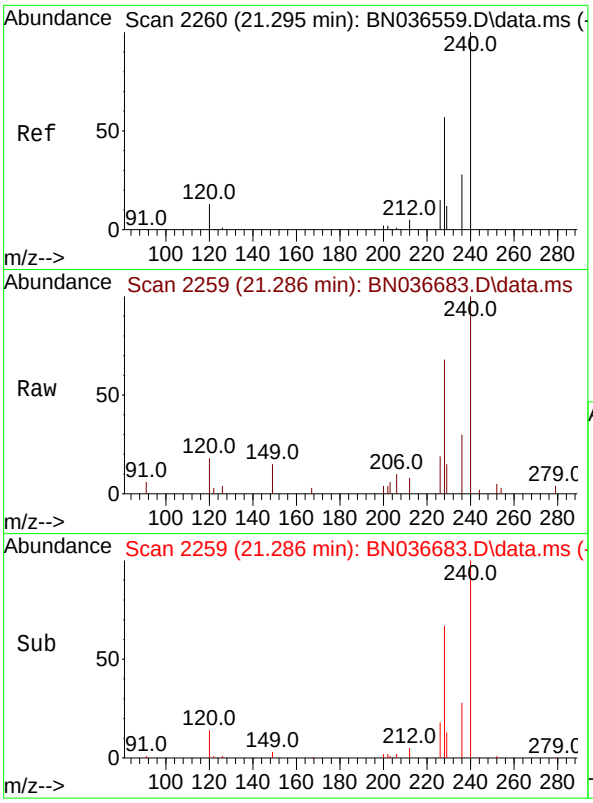


#28
Fluoranthene
Concen: 0.388 ng
RT: 19.164 min Scan# 1935
Delta R.T. -0.009 min
Lab File: BN036683.D
Acq: 18 Mar 2025 09:21

Tgt Ion:202 Resp: 6897

Ion	Ratio	Lower	Upper
202	100		
101	10.4	9.4	14.0
203	16.9	13.5	20.3



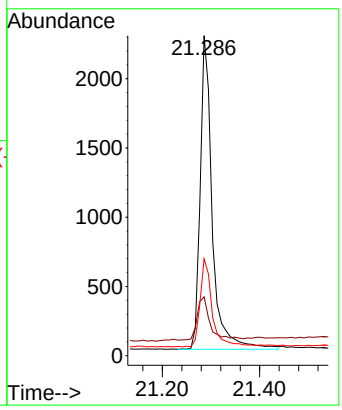


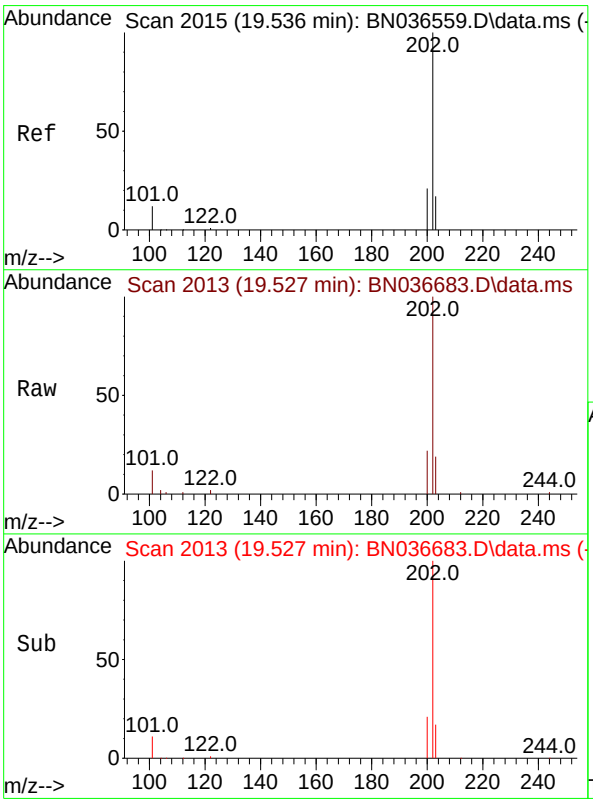
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.286 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN036683.D
Acq: 18 Mar 2025 09:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 3871

Ion	Ratio	Lower	Upper
240	100		
120	18.4	14.6	22.0
236	30.2	24.1	36.1

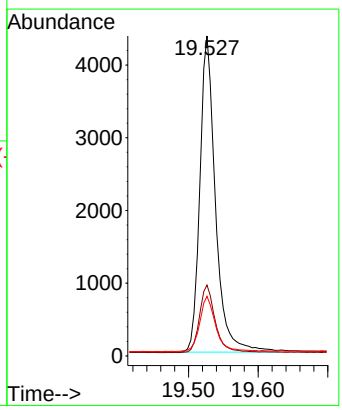


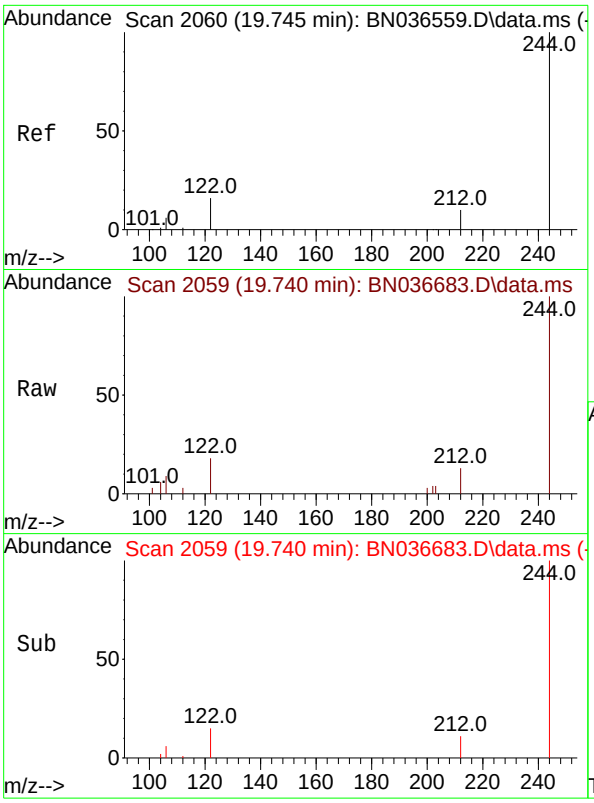


#30
Pyrene
Concen: 0.358 ng
RT: 19.527 min Scan# 2013
Delta R.T. -0.009 min
Lab File: BN036683.D
Acq: 18 Mar 2025 09:21

Tgt Ion:202 Resp: 6775

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.1	25.7
203	17.9	14.1	21.1



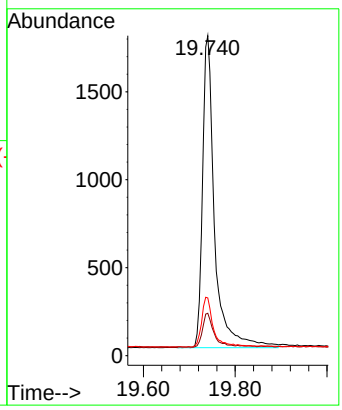


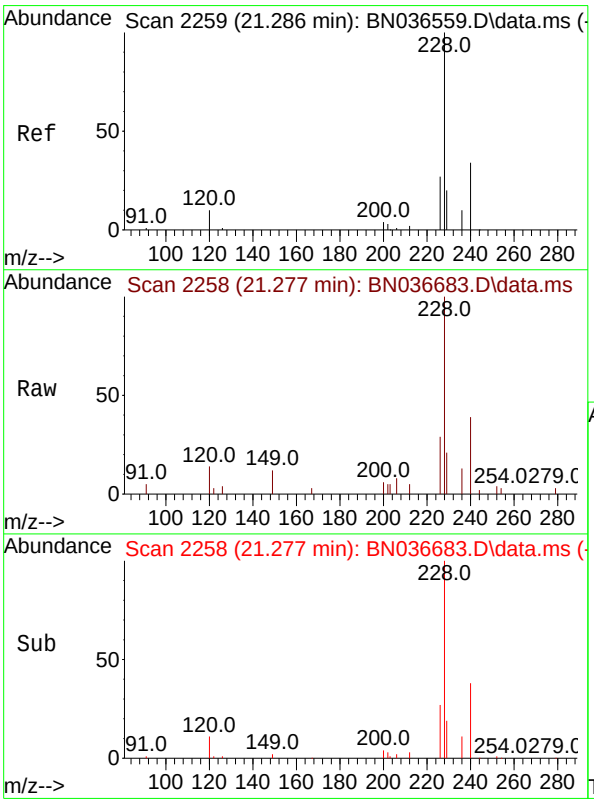
#31
Terphenyl-d14
Concen: 0.348 ng
RT: 19.740 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN036683.D
Acq: 18 Mar 2025 09:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 3227

Ion	Ratio	Lower	Upper
244	100		
212	13.2	9.6	14.4
122	18.0	13.9	20.9

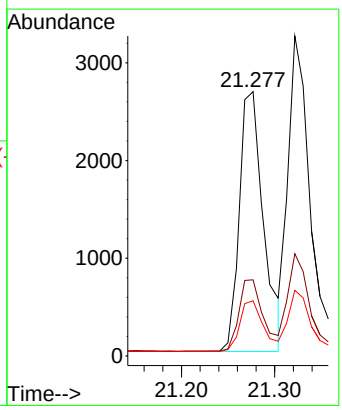


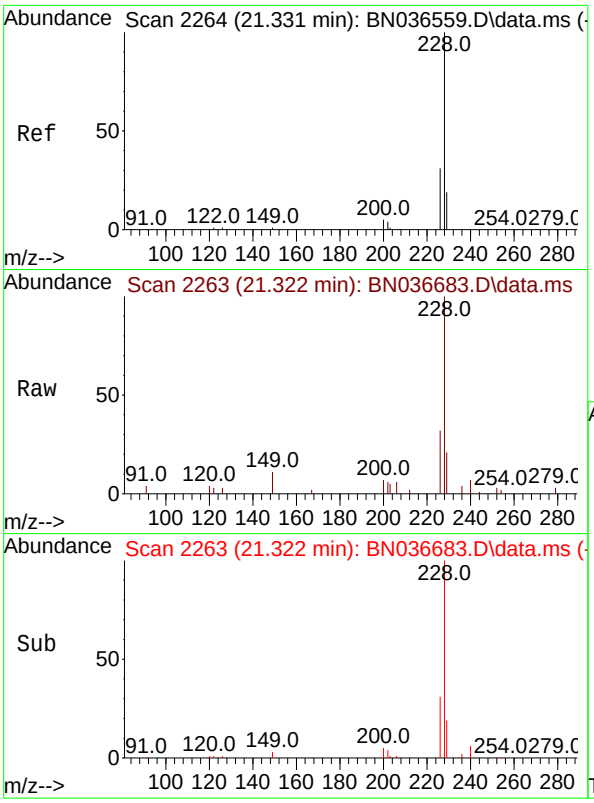


#32
Benzo(a)anthracene
Concen: 0.356 ng
RT: 21.277 min Scan# 2258
Delta R.T. -0.009 min
Lab File: BN036683.D
Acq: 18 Mar 2025 09:21

Tgt Ion:228 Resp: 4798

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.5	33.7
229	20.9	16.6	25.0



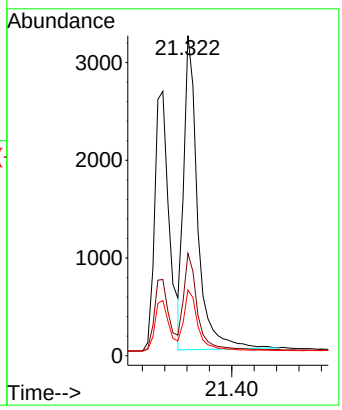


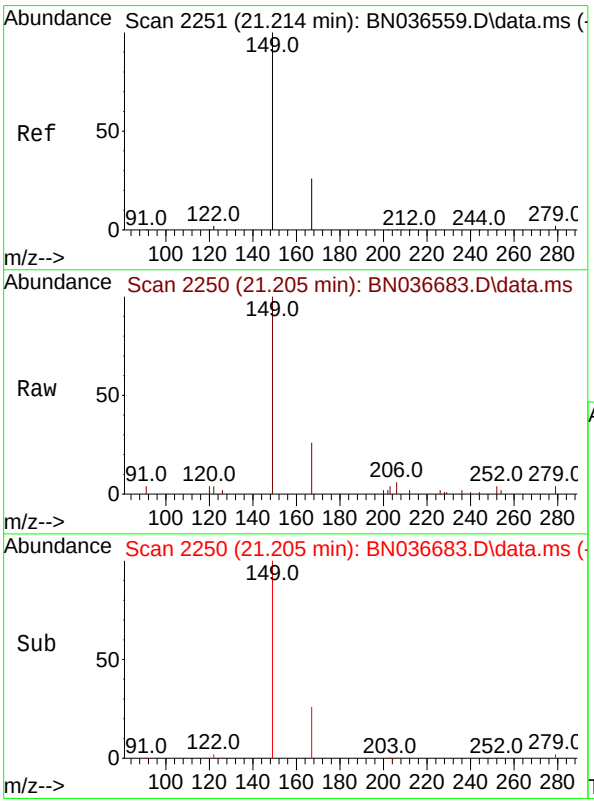
#33
Chrysene
Concen: 0.378 ng
RT: 21.322 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN036683.D
Acq: 18 Mar 2025 09:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 5558

Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.3	37.9
229	20.5	15.8	23.8

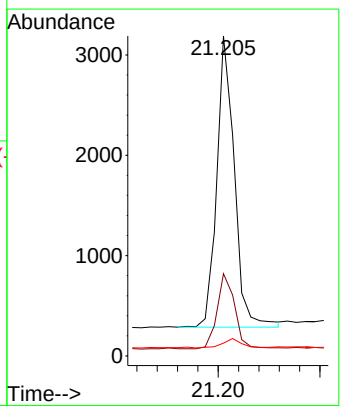


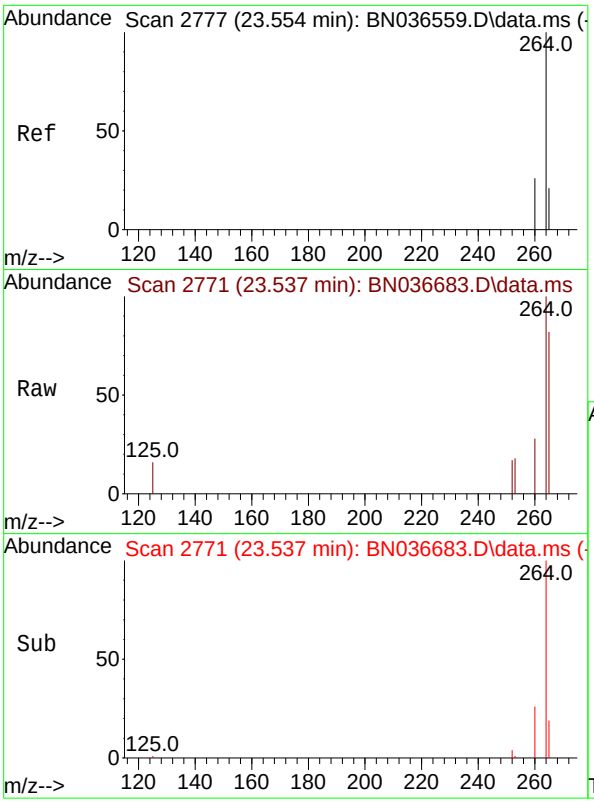


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.363 ng
RT: 21.205 min Scan# 2250
Delta R.T. -0.009 min
Lab File: BN036683.D
Acq: 18 Mar 2025 09:21

Tgt Ion:149 Resp: 3479

Ion	Ratio	Lower	Upper
149	100		
167	26.0	20.7	31.1
279	3.2	3.6	5.4#



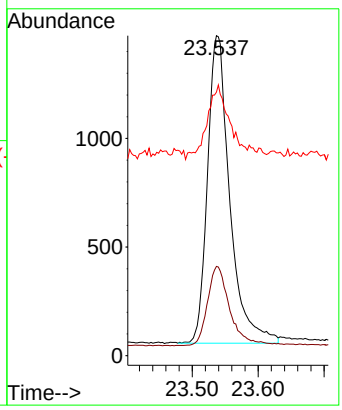


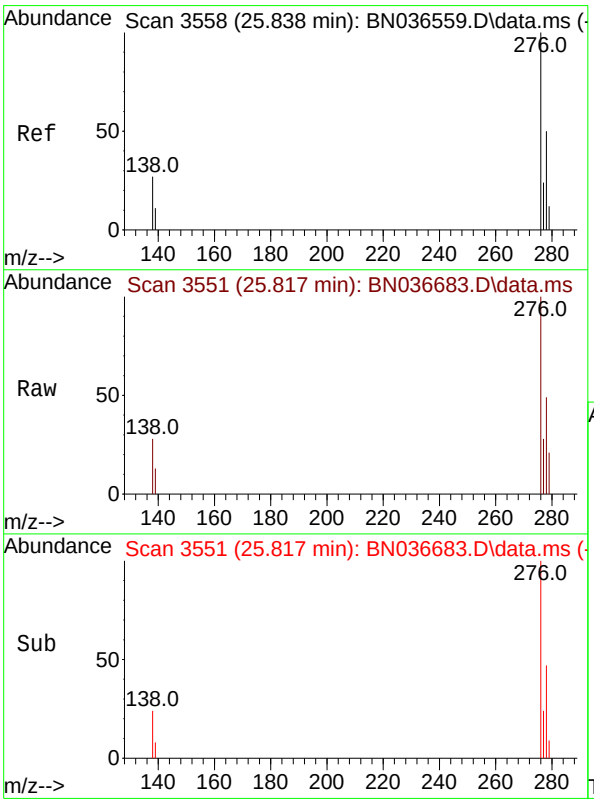
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.537 min Scan# 2
Delta R.T. -0.018 min
Lab File: BN036683.D
Acq: 18 Mar 2025 09:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 3319

Ion	Ratio	Lower	Upper
264	100		
260	27.9	22.6	33.8
265	82.3	88.1	132.1#

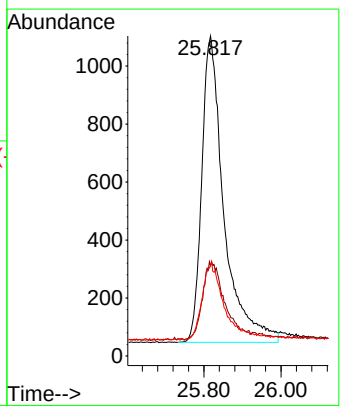


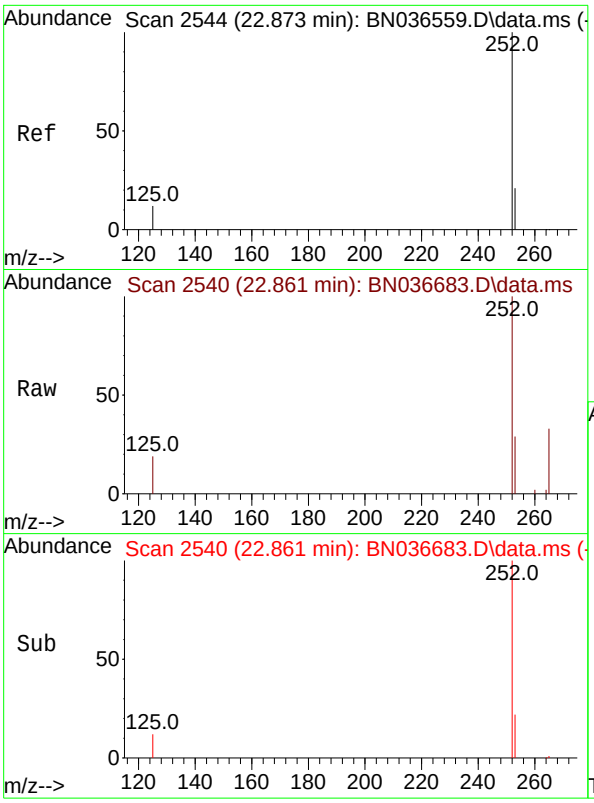


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.352 ng
RT: 25.817 min Scan# 3551
Delta R.T. -0.020 min
Lab File: BN036683.D
Acq: 18 Mar 2025 09:21

Tgt Ion:276 Resp: 4216

Ion	Ratio	Lower	Upper
276	100		
138	25.2	23.4	35.2
277	23.5	20.0	30.0



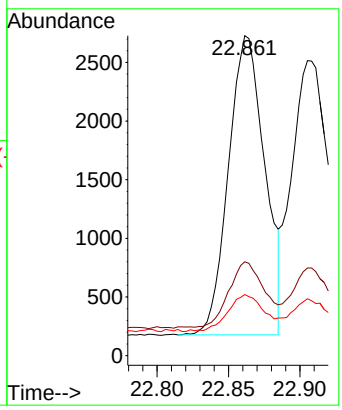


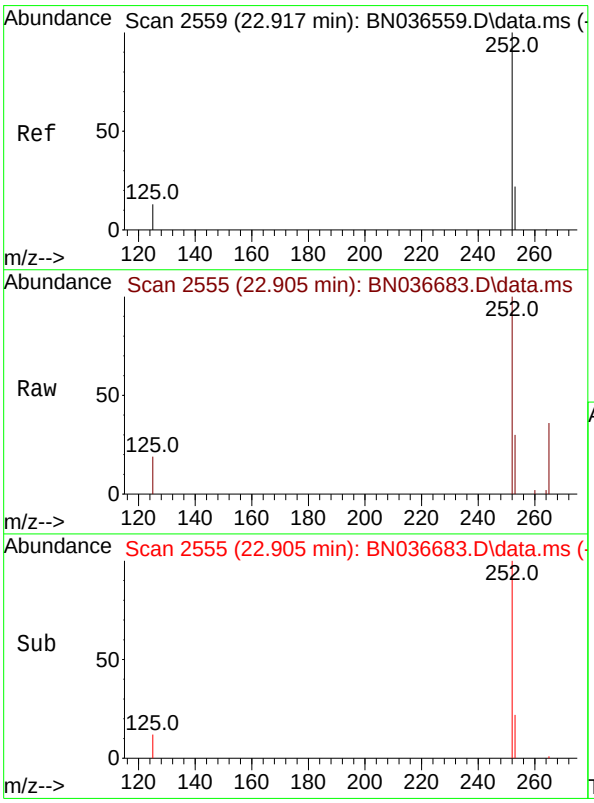
#37
Benzo(b)fluoranthene
Concen: 0.373 ng
RT: 22.861 min Scan# 2
Delta R.T. -0.012 min
Lab File: BN036683.D
Acq: 18 Mar 2025 09:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 4509

Ion	Ratio	Lower	Upper
252	100		
253	29.3	23.9	35.9
125	19.1	17.4	26.2

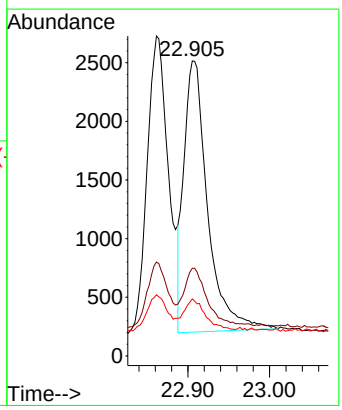


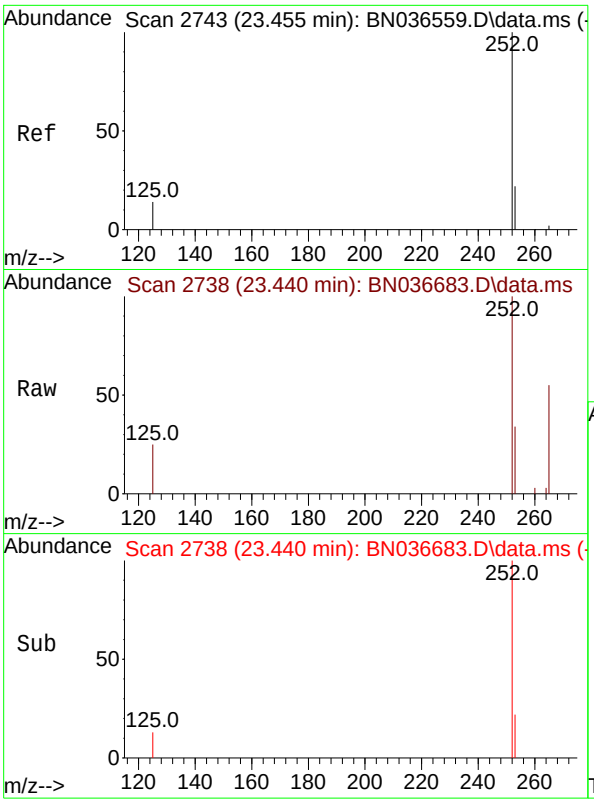


#38
Benzo(k)fluoranthene
Concen: 0.369 ng
RT: 22.905 min Scan# 2555
Delta R.T. -0.012 min
Lab File: BN036683.D
Acq: 18 Mar 2025 09:21

Tgt Ion:252 Resp: 4672

Ion	Ratio	Lower	Upper
252	100		
253	29.7	24.6	36.8
125	19.3	17.8	26.8



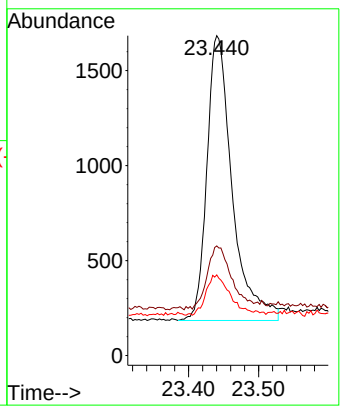


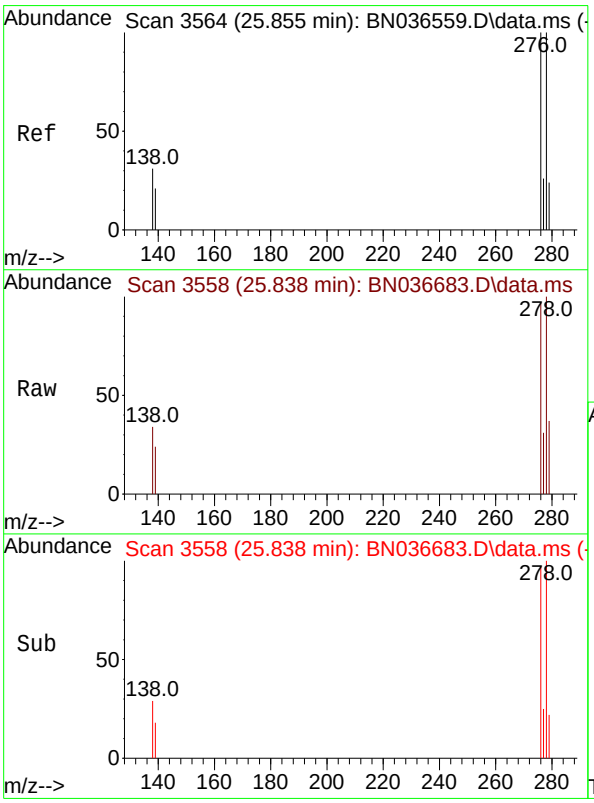
#39
Benzo(a)pyrene
Concen: 0.369 ng
RT: 23.440 min Scan# 2
Delta R.T. -0.015 min
Lab File: BN036683.D
Acq: 18 Mar 2025 09:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 3758

Ion	Ratio	Lower	Upper
252	100		
253	34.3	27.8	41.8
125	25.2	22.7	34.1

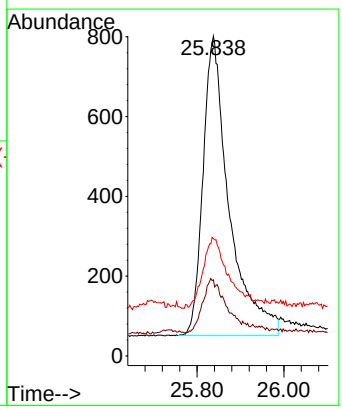


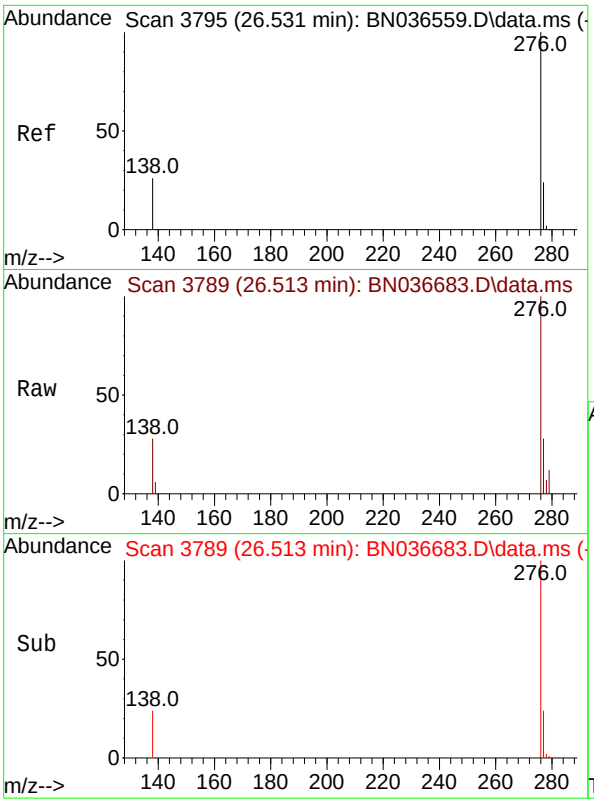


#40
Dibenzo(a,h)anthracene
Concen: 0.336 ng
RT: 25.838 min Scan# 3558
Delta R.T. -0.018 min
Lab File: BN036683.D
Acq: 18 Mar 2025 09:21

Tgt Ion:278 Resp: 3134

Ion	Ratio	Lower	Upper
278	100		
139	23.8	20.8	31.2
279	36.7	28.8	43.2





#41
Benzo(g,h,i)perylene
Concen: 0.358 ng
RT: 26.513 min Scan# 3
Delta R.T. -0.018 min
Lab File: BN036683.D
Acq: 18 Mar 2025 09:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 3819

Ion	Ratio	Lower	Upper
276	100		
277	27.7	22.2	33.4
138	28.2	24.1	36.1