Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071425\
Data File : BN037483.D
Acq On : 14 Jul 2025 09:10
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Jul 14 10:55:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 11 15:38:34 2025
Response via : Initial Calibration

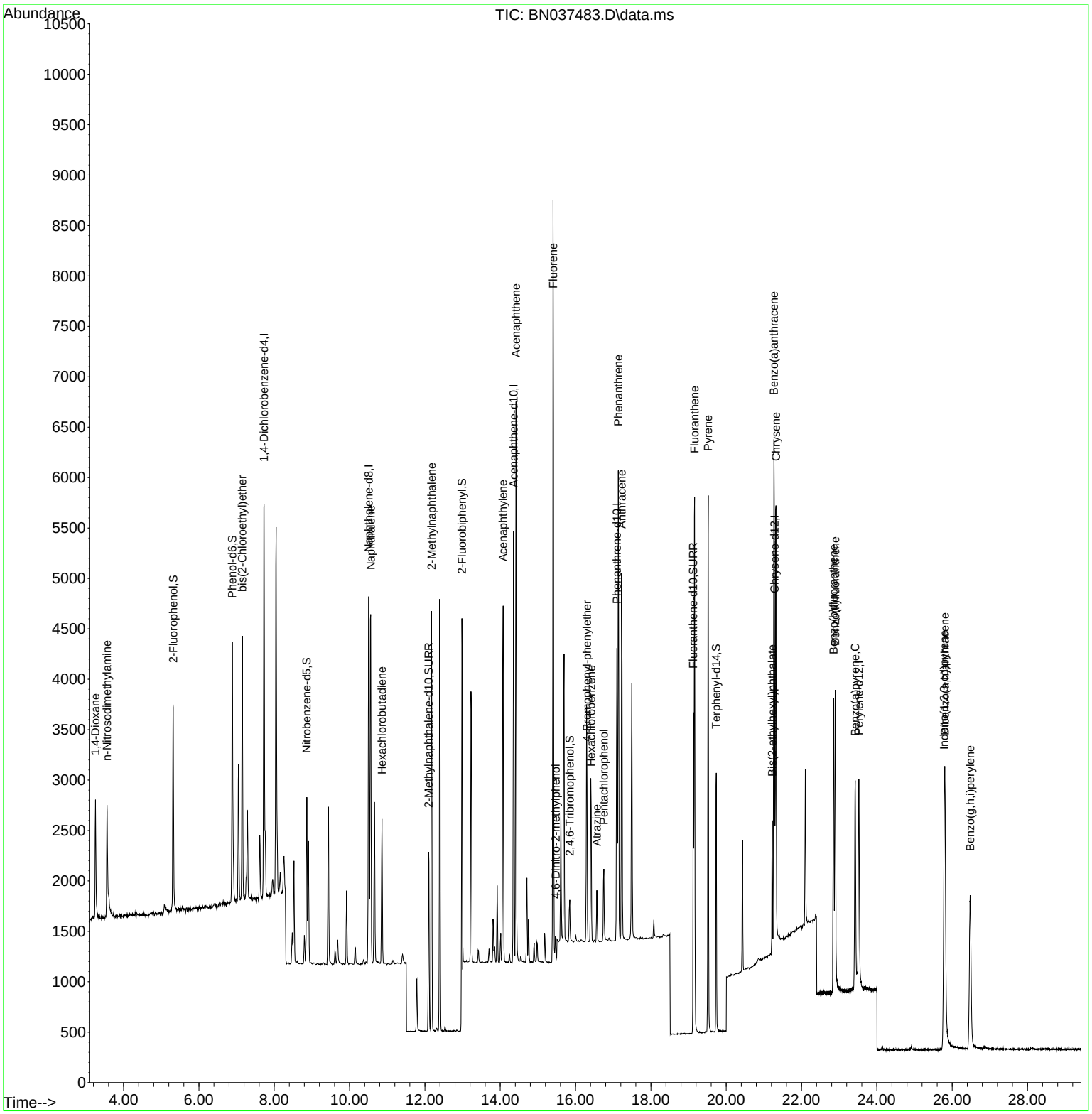
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.732	152	1935	0.400	ng		0.00
7) Naphthalene-d8	10.509	136	4597	0.400	ng		0.00
13) Acenaphthene-d10	14.355	164	2166	0.400	ng		-0.01
19) Phenanthrene-d10	17.099	188	3930	0.400	ng	#	0.00
29) Chrysene-d12	21.286	240	2837	0.400	ng	#	0.00
35) Perylene-d12	23.522	264	2676	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.319	112	1781	0.395	ng		0.00
5) Phenol-d6	6.887	99	2263	0.399	ng		0.00
8) Nitrobenzene-d5	8.865	82	1208	0.362	ng		0.00
11) 2-Methylnaphthalene-d10	12.101	152	2348	0.376	ng		0.00
14) 2,4,6-Tribromophenol	15.845	330	243	0.331	ng		0.00
15) 2-Fluorobiphenyl	12.983	172	5120	0.414	ng		0.00
27) Fluoranthene-d10	19.127	212	3538	0.357	ng		0.00
31) Terphenyl-d14	19.736	244	2420	0.409	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.254	88	772	0.425	ng		97
3) n-Nitrosodimethylamine	3.557	42	995	0.410	ng		99
6) bis(2-Chloroethyl)ether	7.154	93	1904	0.402	ng		100
9) Naphthalene	10.562	128	4843	0.392	ng		99
10) Hexachlorobutadiene	10.861	225	1140	0.384	ng	#	99
12) 2-Methylnaphthalene	12.177	142	2934	0.379	ng		98
16) Acenaphthylene	14.078	152	3817	0.386	ng		100
17) Acenaphthene	14.420	154	2553	0.385	ng		99
18) Fluorene	15.403	166	3037	0.365	ng		99
20) 4,6-Dinitro-2-methylph...	15.478	198	145	0.328	ng		95
21) 4-Bromophenyl-phenylether	16.304	248	880	0.359	ng	#	88
22) Hexachlorobenzene	16.416	284	1304	0.385	ng		99
23) Atrazine	16.565	200	387	0.317	ng		96
24) Pentachlorophenol	16.751	266	376	0.323	ng		97
25) Phenanthrene	17.136	178	4610	0.385	ng		100
26) Anthracene	17.223	178	4028	0.373	ng		100
28) Fluoranthene	19.160	202	4814	0.367	ng		100
30) Pyrene	19.522	202	4688	0.411	ng		99
32) Benzo(a)anthracene	21.268	228	3631	0.378	ng		99
33) Chrysene	21.322	228	4194	0.399	ng		99
34) Bis(2-ethylhexyl)phtha...	21.223	149	1290	0.395	ng		97
36) Indeno(1,2,3-cd)pyrene	25.791	276	3733	0.359	ng		100
37) Benzo(b)fluoranthene	22.850	252	3639	0.350	ng		99
38) Benzo(k)fluoranthene	22.894	252	3882	0.368	ng		98
39) Benzo(a)pyrene	23.426	252	3154	0.377	ng		100
40) Dibenzo(a,h)anthracene	25.808	278	2896	0.346	ng		97
41) Benzo(g,h,i)perylene	26.478	276	3310	0.361	ng		98

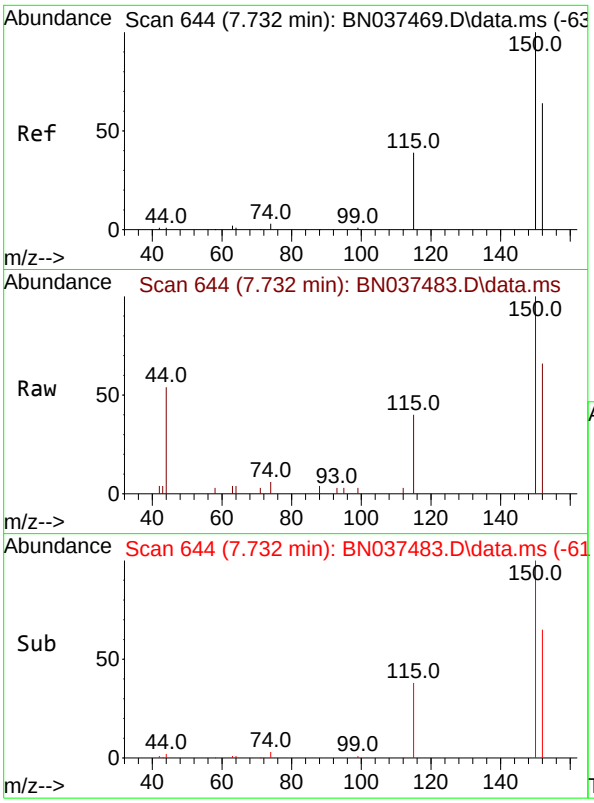
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071425\
Data File : BN037483.D
Acq On : 14 Jul 2025 09:10
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Jul 14 10:55:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 11 15:38:34 2025
Response via : Initial Calibration



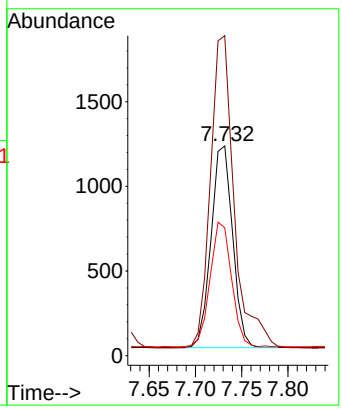


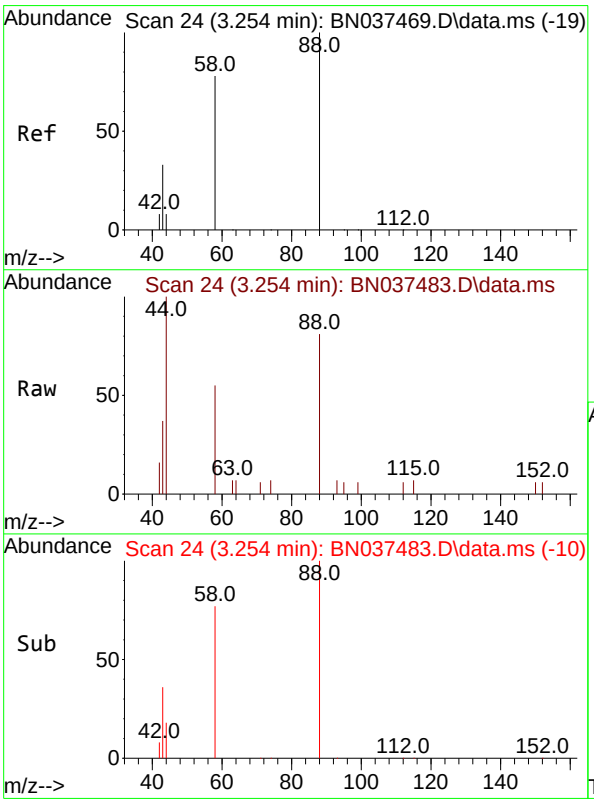
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.732 min Scan# 64
Delta R.T. -0.000 min
Lab File: BN037483.D
Acq: 14 Jul 2025 09:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 1935

Ion	Ratio	Lower	Upper
152	100		
150	152.5	122.5	183.7
115	61.0	49.9	74.9

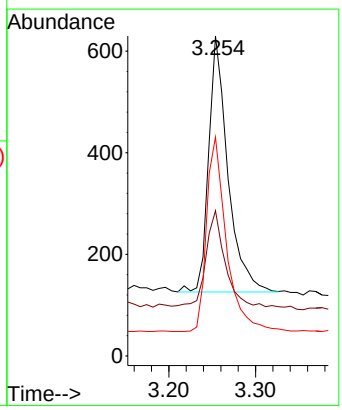


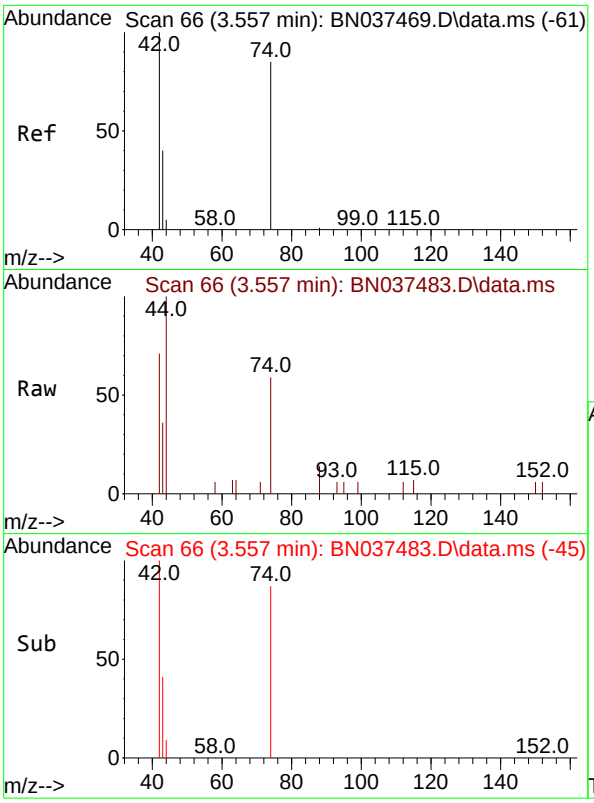


#2
1,4-Dioxane
Concen: 0.425 ng
RT: 3.254 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN037483.D
Acq: 14 Jul 2025 09:10

Tgt Ion: 88 Resp: 772

Ion	Ratio	Lower	Upper
88	100		
43	37.0	30.7	46.1
58	78.8	65.0	97.4



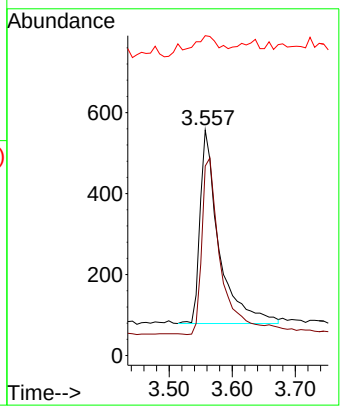


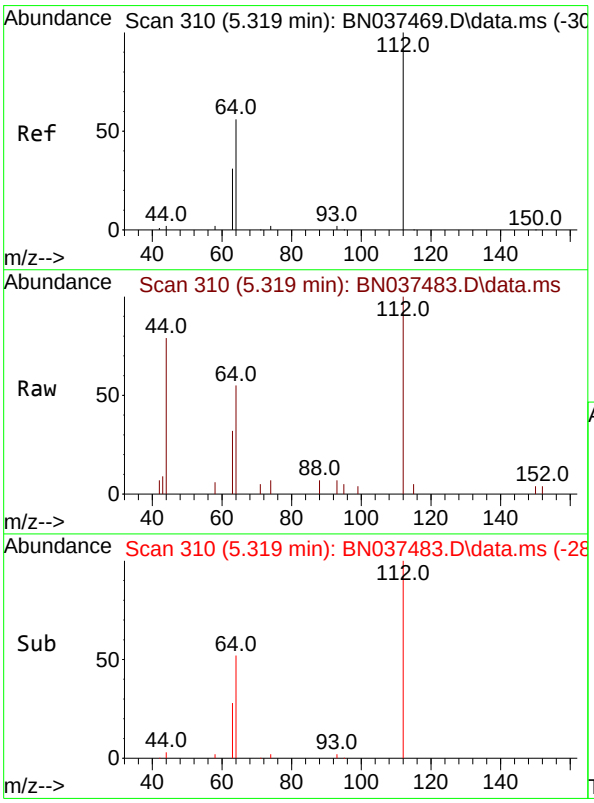
#3
n-Nitrosodimethylamine
Concen: 0.410 ng
RT: 3.557 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN037483.D
Acq: 14 Jul 2025 09:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 995

Ion	Ratio	Lower	Upper
42	100		
74	94.0	74.9	112.3
44	9.6	7.2	10.8

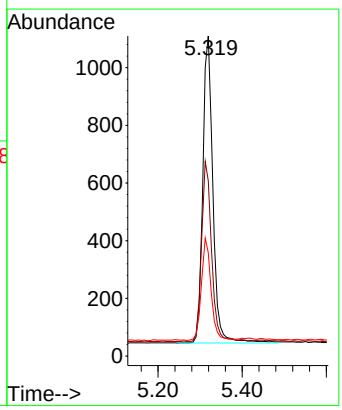


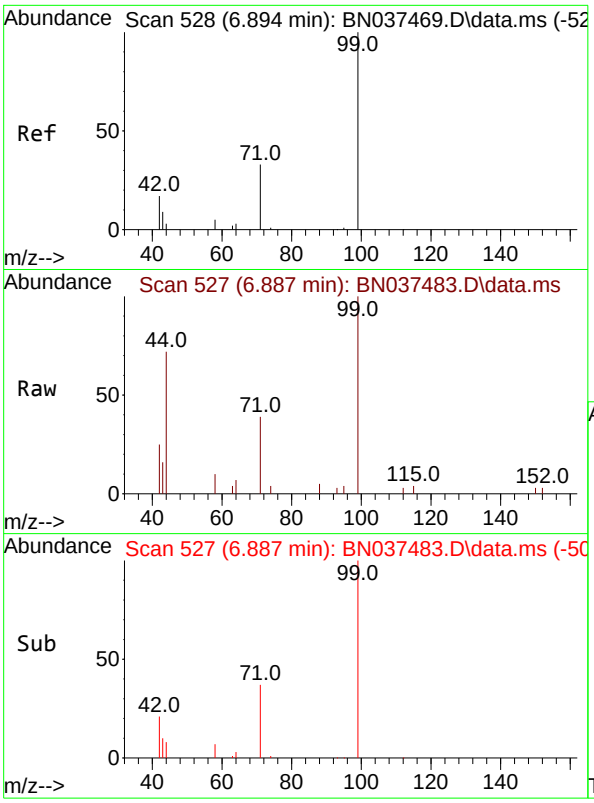


#4
2-Fluorophenol
Concen: 0.395 ng
RT: 5.319 min Scan# 310
Delta R.T. -0.000 min
Lab File: BN037483.D
Acq: 14 Jul 2025 09:10

Tgt Ion:112 Resp: 1781

Ion	Ratio	Lower	Upper
112	100		
64	57.7	45.4	68.0
63	31.8	24.7	37.1



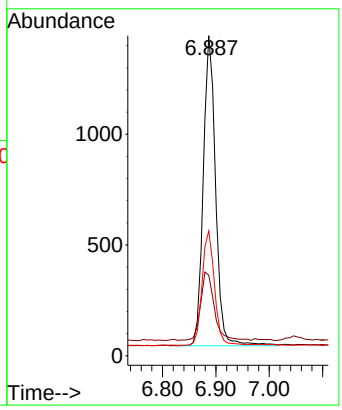


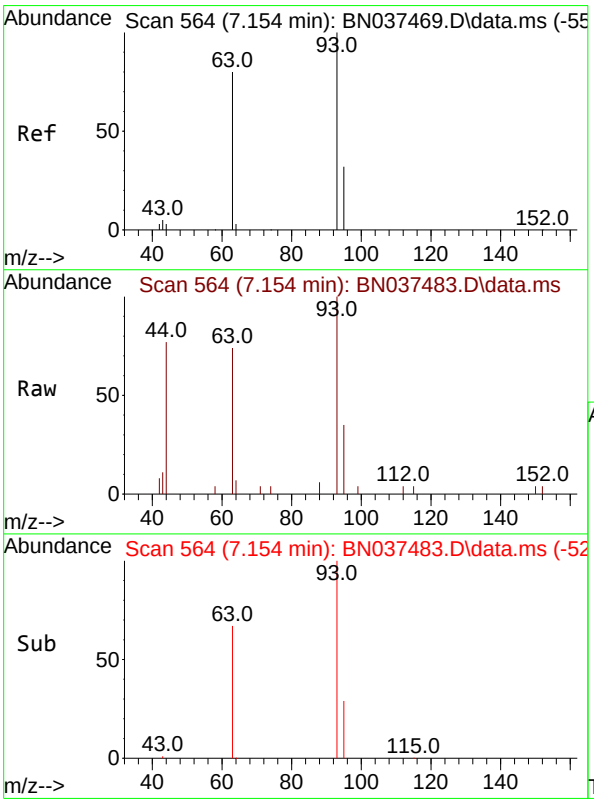
#5
Phenol-d6
Concen: 0.399 ng
RT: 6.887 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN037483.D
Acq: 14 Jul 2025 09:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 2263

Ion	Ratio	Lower	Upper
99	100		
42	23.9	19.5	29.3
71	36.9	29.4	44.2

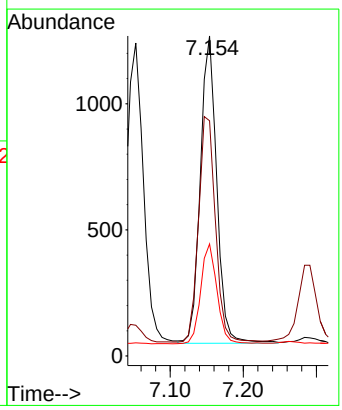


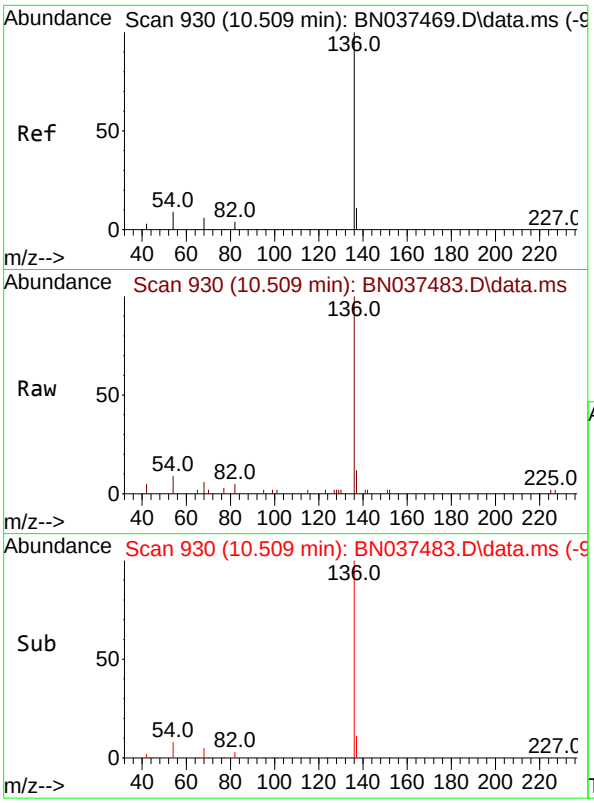


#6
bis(2-Chloroethyl)ether
Concen: 0.402 ng
RT: 7.154 min Scan# 564
Delta R.T. -0.000 min
Lab File: BN037483.D
Acq: 14 Jul 2025 09:10

Tgt Ion: 93 Resp: 1904

Ion	Ratio	Lower	Upper
93	100		
63	75.7	60.8	91.2
95	32.4	25.6	38.4



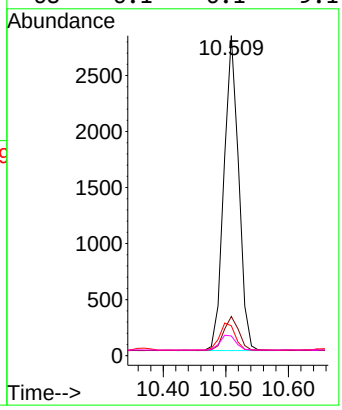


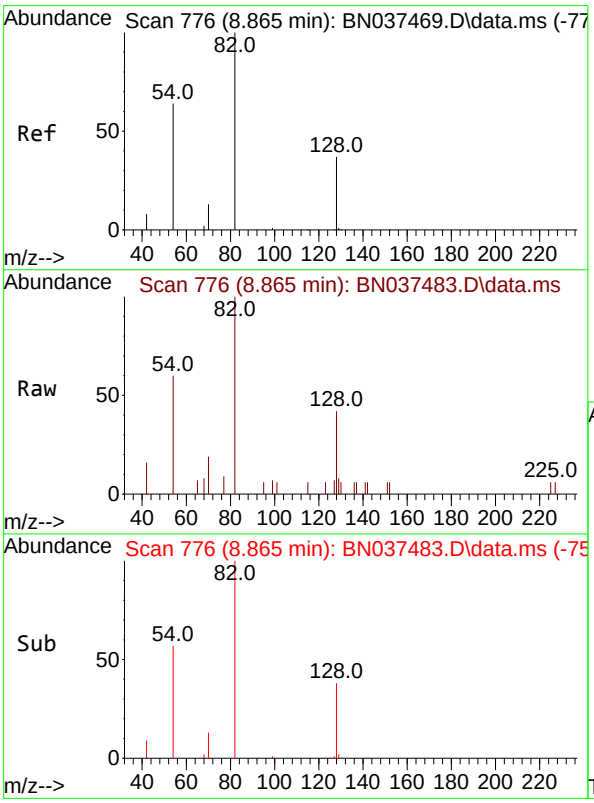
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN037483.D
Acq: 14 Jul 2025 09:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 4597

Ion	Ratio	Lower	Upper
136	100		
137	12.3	10.0	15.0
54	9.4	9.0	13.6
68	6.1	6.1	9.1

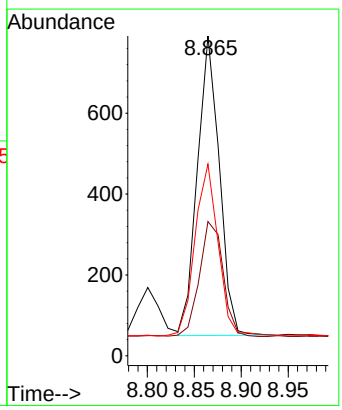


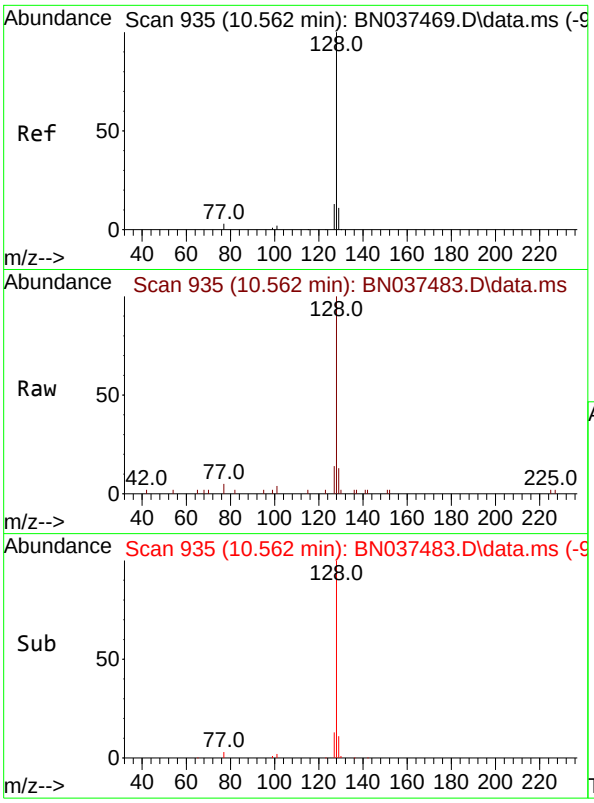


#8
Nitrobenzene-d5
Concen: 0.362 ng
RT: 8.865 min Scan# 776
Delta R.T. -0.000 min
Lab File: BN037483.D
Acq: 14 Jul 2025 09:10

Tgt Ion: 82 Resp: 1208

Ion	Ratio	Lower	Upper
82	100		
128	42.0	33.1	49.7
54	59.9	53.0	79.4



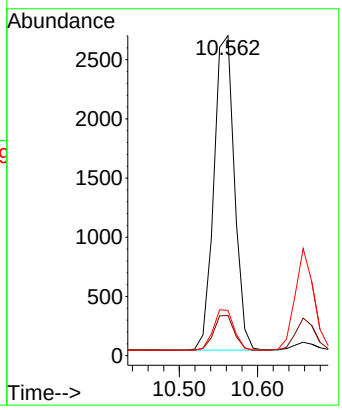


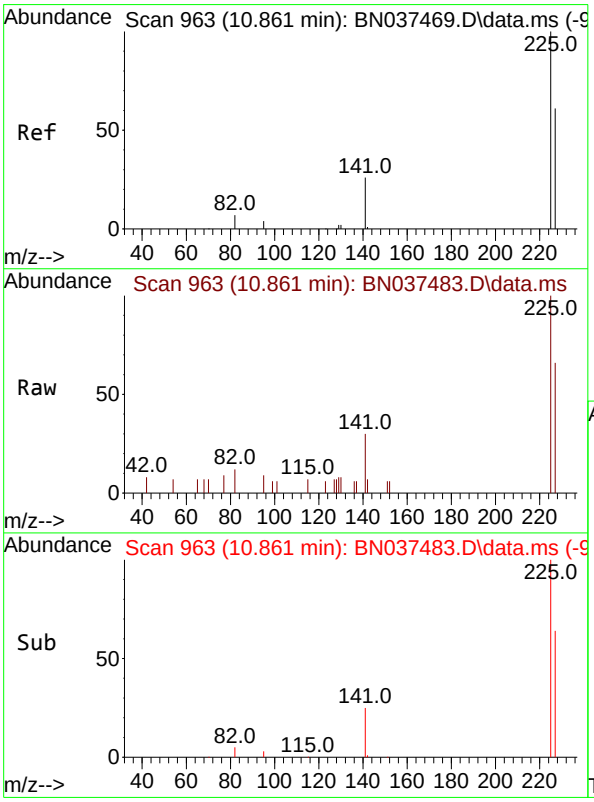
#9
Naphthalene
Concen: 0.392 ng
RT: 10.562 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN037483.D
Acq: 14 Jul 2025 09:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 4843

Ion	Ratio	Lower	Upper
128	100		
129	12.5	10.2	15.2
127	14.1	11.8	17.6

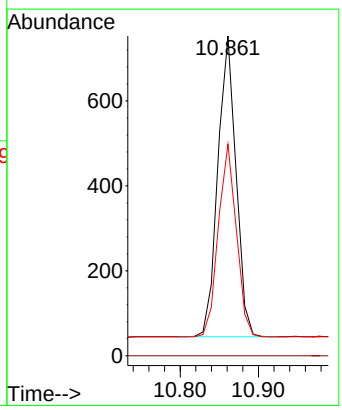


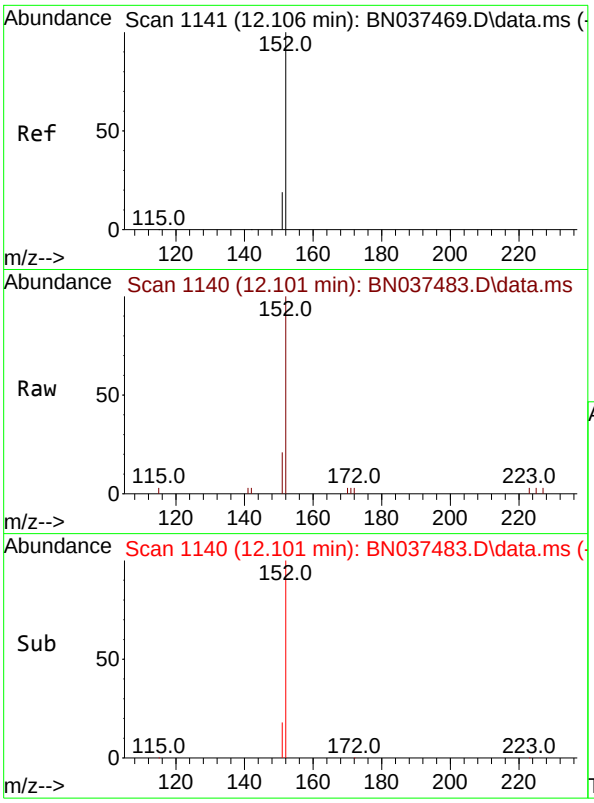


#10
Hexachlorobutadiene
Concen: 0.384 ng
RT: 10.861 min Scan# 963
Delta R.T. -0.000 min
Lab File: BN037483.D
Acq: 14 Jul 2025 09:10

Tgt Ion:225 Resp: 1140

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	51.4	77.2



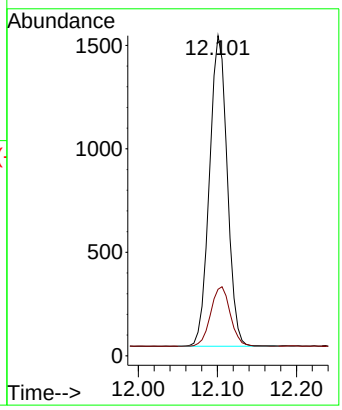


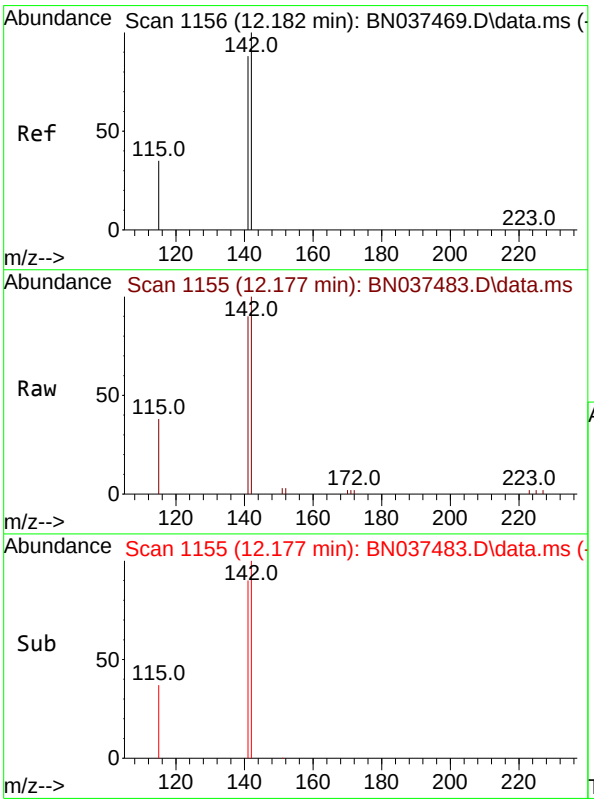
#11
2-Methylnaphthalene-d10
Concen: 0.376 ng
RT: 12.101 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037483.D
Acq: 14 Jul 2025 09:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 2348

Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.0	25.6

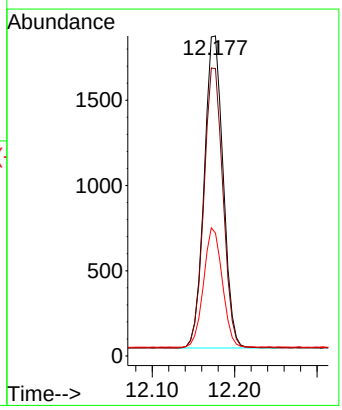


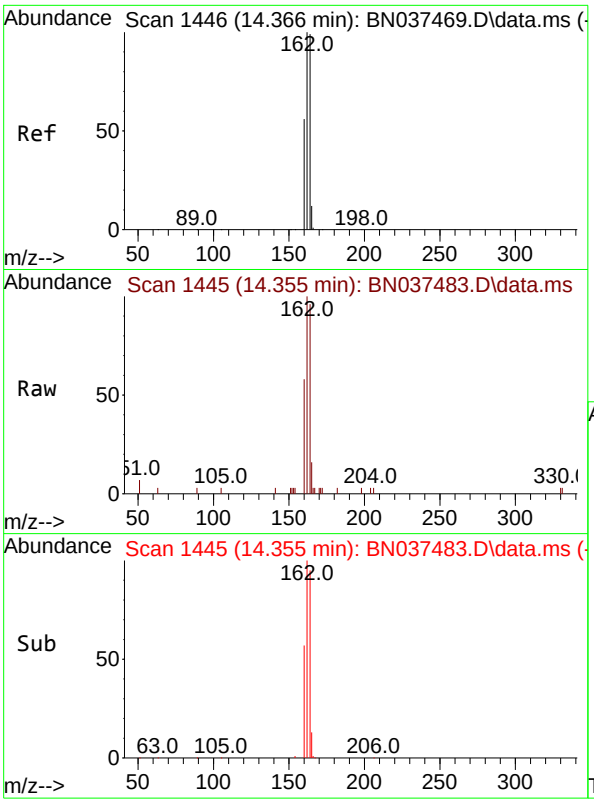


#12
2-Methylnaphthalene
Concen: 0.379 ng
RT: 12.177 min Scan# 1155
Delta R.T. -0.005 min
Lab File: BN037483.D
Acq: 14 Jul 2025 09:10

Tgt Ion:142 Resp: 2934

Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.6	105.8
115	38.4	30.0	45.0



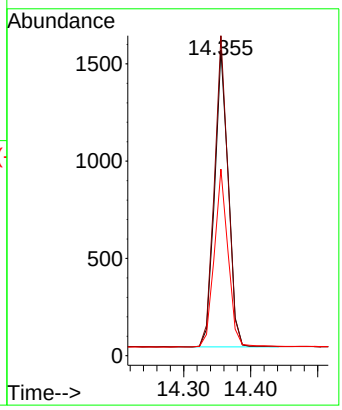


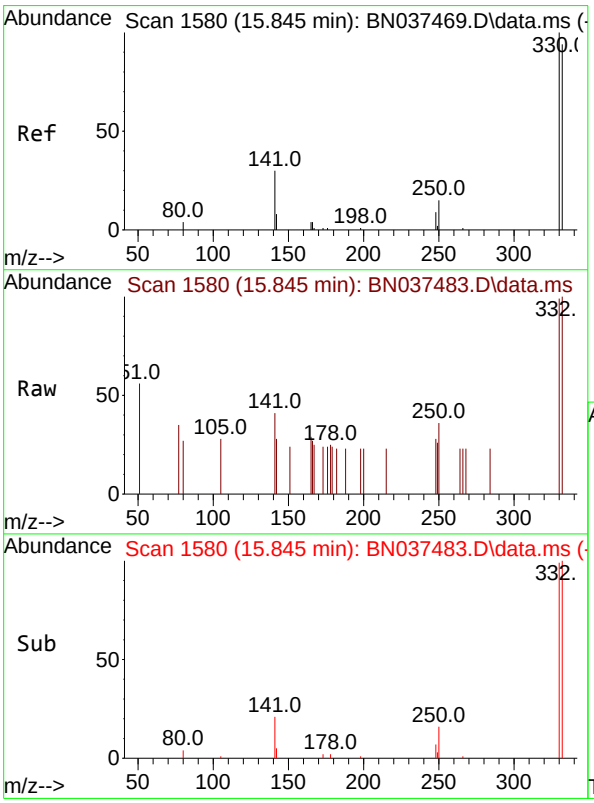
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.355 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN037483.D
Acq: 14 Jul 2025 09:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 2166

Ion	Ratio	Lower	Upper
164	100		
162	104.7	81.1	121.7
160	61.0	46.5	69.7

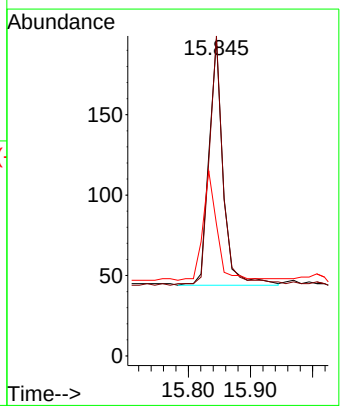


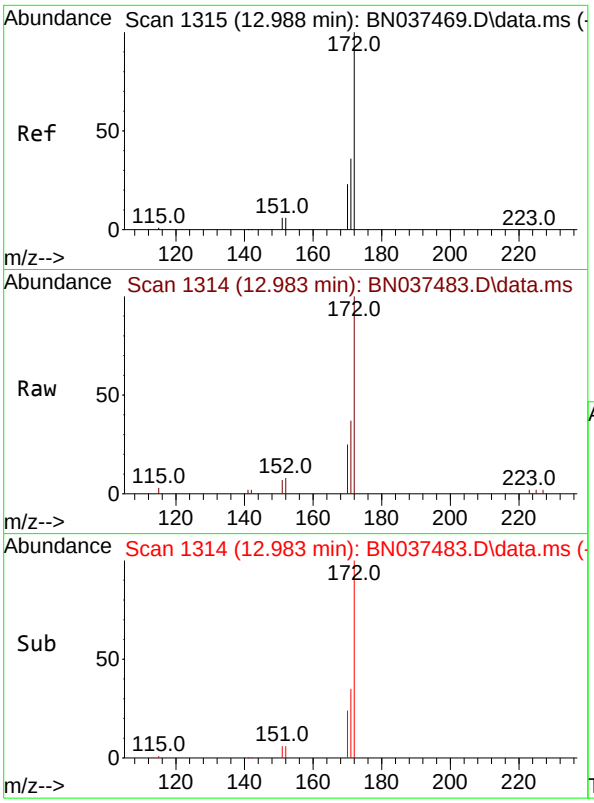


#14
2,4,6-Tribromophenol
Concen: 0.331 ng
RT: 15.845 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BN037483.D
Acq: 14 Jul 2025 09:10

Tgt Ion:330 Resp: 243

Ion	Ratio	Lower	Upper
330	100		
332	100.4	82.0	123.0
141	43.6	36.2	54.2



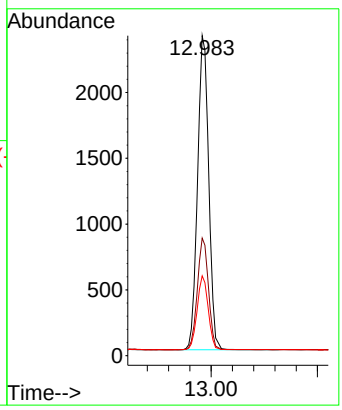


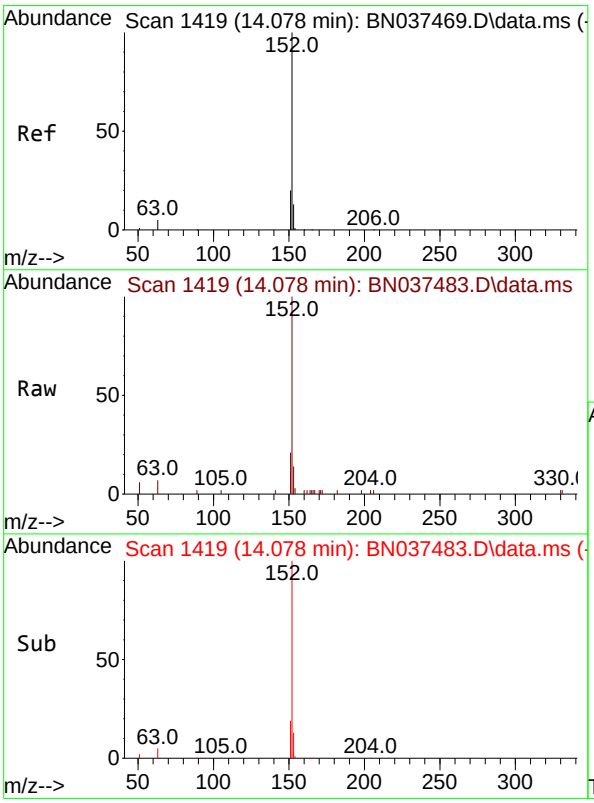
#15
2-Fluorobiphenyl
Concen: 0.414 ng
RT: 12.983 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN037483.D
Acq: 14 Jul 2025 09:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 5120

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.8	44.8
170	25.0	20.0	30.0

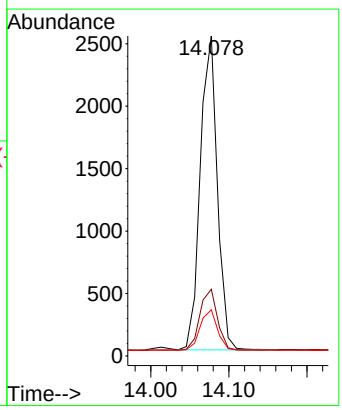


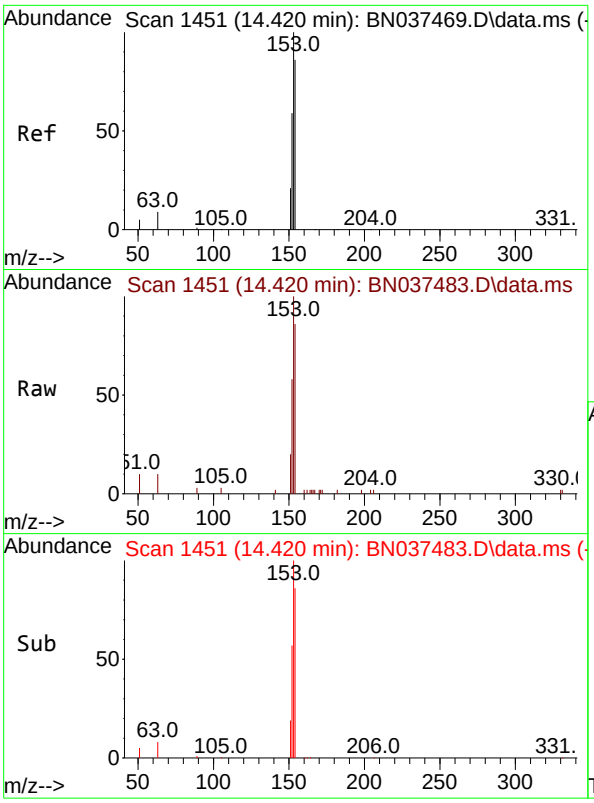


#16
Acenaphthylene
Concen: 0.386 ng
RT: 14.078 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BN037483.D
Acq: 14 Jul 2025 09:10

Tgt Ion:152 Resp: 3817

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.4	24.6
153	13.0	10.6	15.8



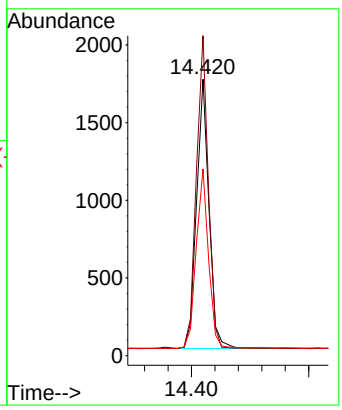


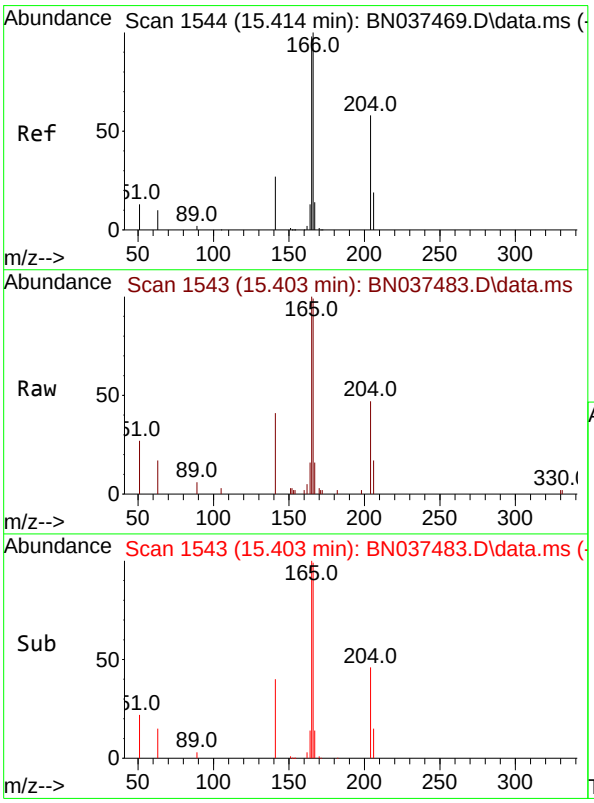
#17
Acenaphthene
Concen: 0.385 ng
RT: 14.420 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN037483.D
Acq: 14 Jul 2025 09:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 2553

Ion	Ratio	Lower	Upper
154	100		
153	112.2	89.4	134.0
152	66.0	53.2	79.8

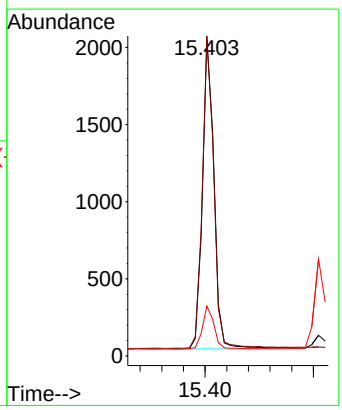


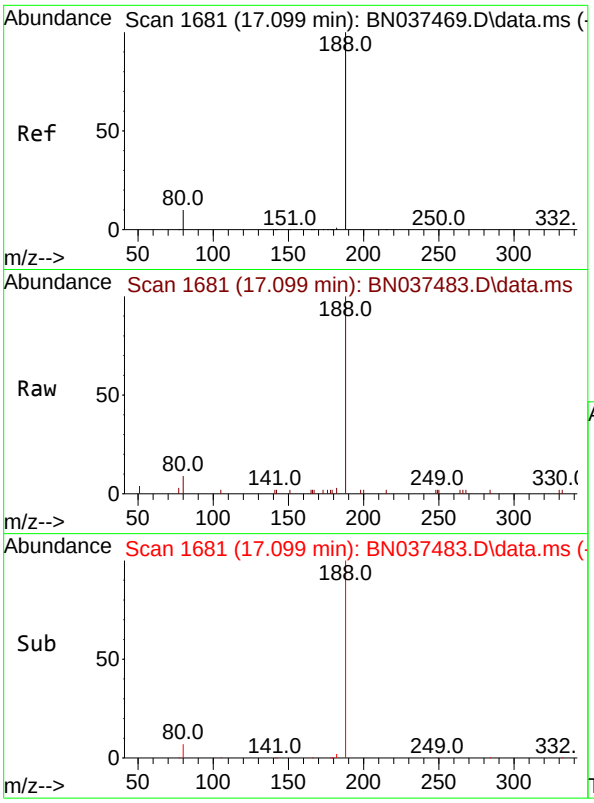


#18
Fluorene
Concen: 0.365 ng
RT: 15.403 min Scan# 1543
Delta R.T. -0.011 min
Lab File: BN037483.D
Acq: 14 Jul 2025 09:10

Tgt Ion:166 Resp: 3037

Ion	Ratio	Lower	Upper
166	100		
165	100.1	79.4	119.2
167	13.9	10.6	15.8



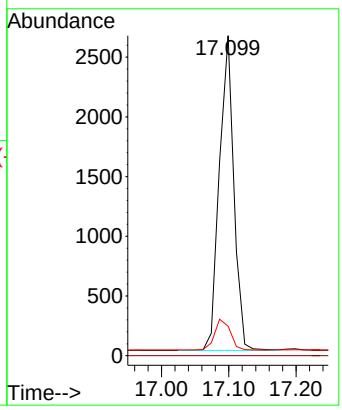


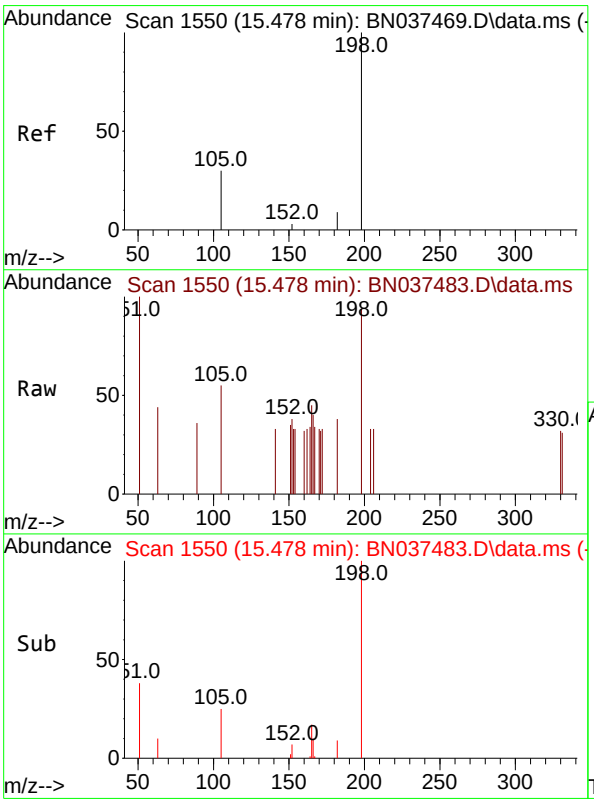
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN037483.D
Acq: 14 Jul 2025 09:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 3930

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.2	9.3	13.9#

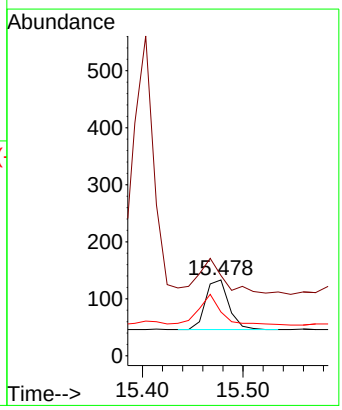


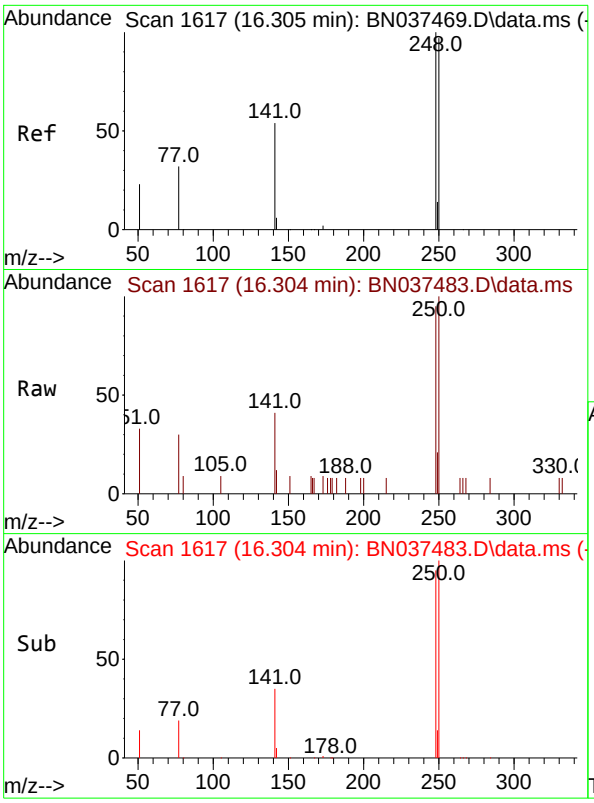


#20
4,6-Dinitro-2-methylphenol
Concen: 0.328 ng
RT: 15.478 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BN037483.D
Acq: 14 Jul 2025 09:10

Tgt Ion:198 Resp: 145

Ion	Ratio	Lower	Upper
198	100		
51	106.0	86.0	129.0
105	57.9	53.0	79.4



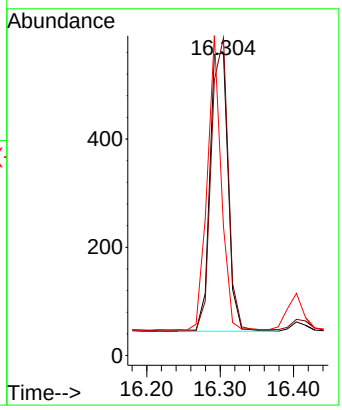


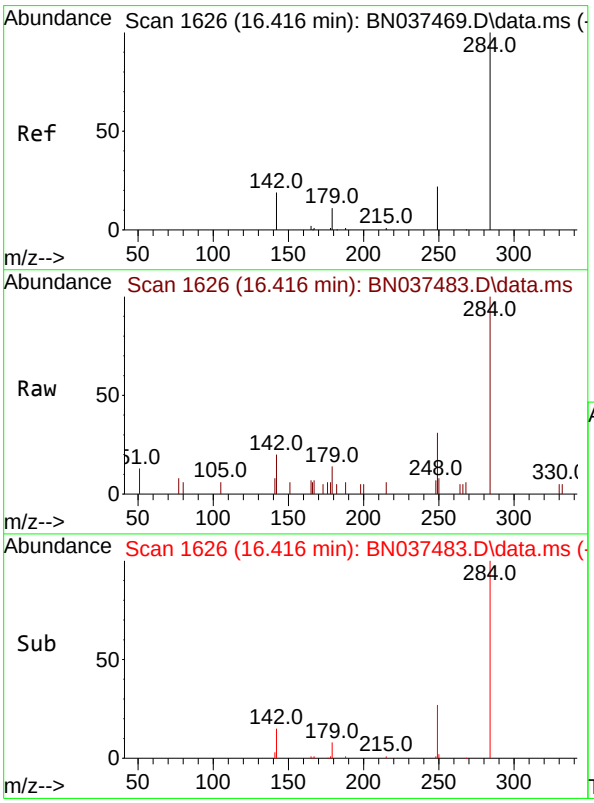
#21
4-Bromophenyl-phenylether
Concen: 0.359 ng
RT: 16.304 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037483.D
Acq: 14 Jul 2025 09:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:248 Resp: 880

Ion	Ratio	Lower	Upper
248	100		
250	105.0	77.8	116.6
141	42.6	45.9	68.9#

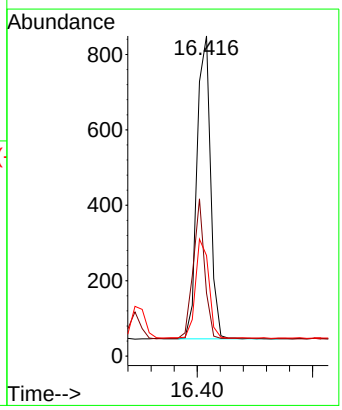


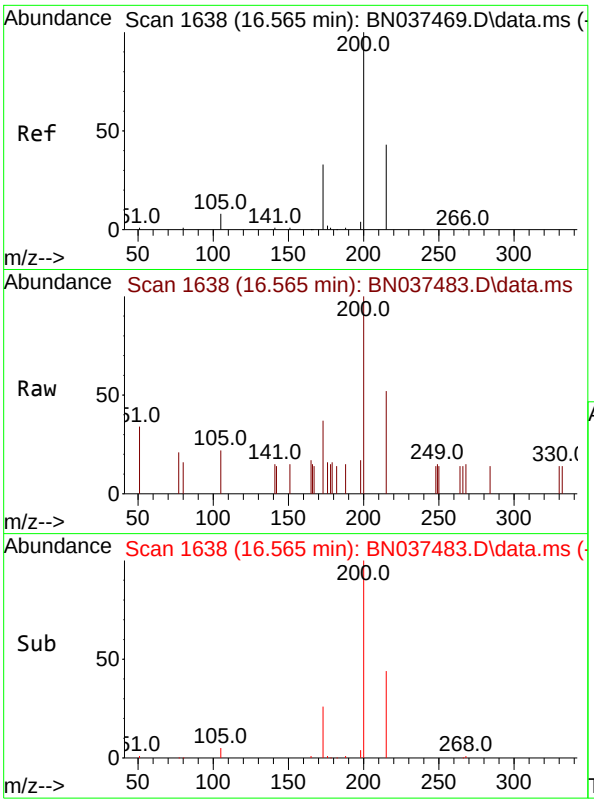


#22
Hexachlorobenzene
Concen: 0.385 ng
RT: 16.416 min Scan# 1626
Delta R.T. -0.000 min
Lab File: BN037483.D
Acq: 14 Jul 2025 09:10

Tgt Ion:284 Resp: 1304

Ion	Ratio	Lower	Upper
284	100		
142	39.2	31.3	46.9
249	32.6	26.6	40.0



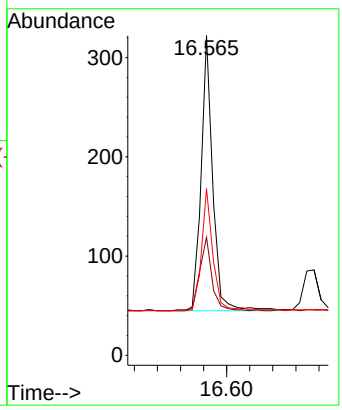


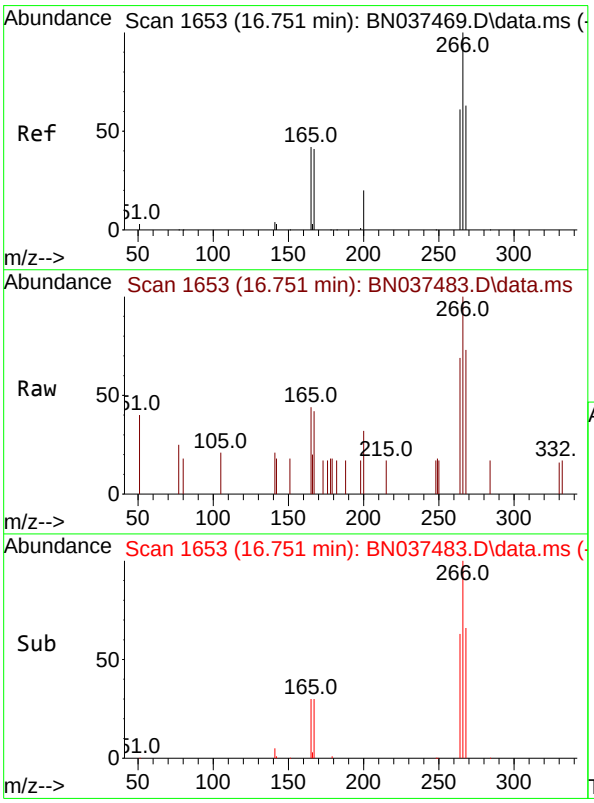
#23
Atrazine
Concen: 0.317 ng
RT: 16.565 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037483.D
Acq: 14 Jul 2025 09:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:200 Resp: 387

Ion	Ratio	Lower	Upper
200	100		
173	37.0	34.3	51.5
215	52.2	41.6	62.4

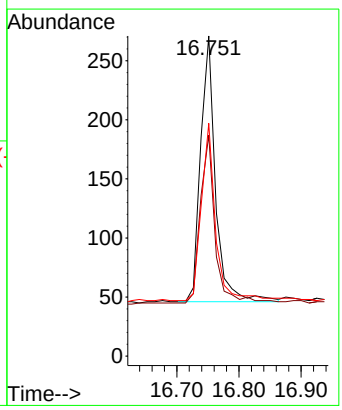


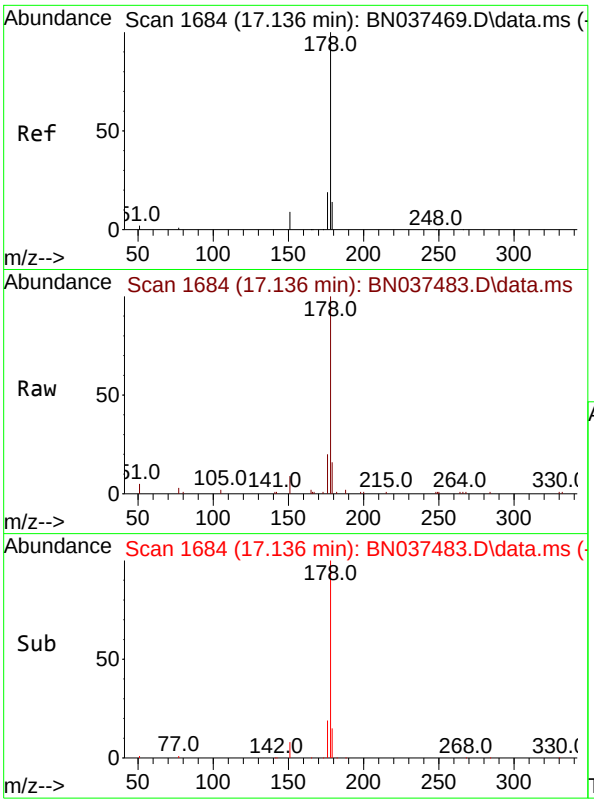


#24
Pentachlorophenol
Concen: 0.323 ng
RT: 16.751 min Scan# 1653
Delta R.T. 0.000 min
Lab File: BN037483.D
Acq: 14 Jul 2025 09:10

Tgt Ion:266 Resp: 376

Ion	Ratio	Lower	Upper
266	100		
264	61.7	47.5	71.3
268	64.9	50.6	76.0



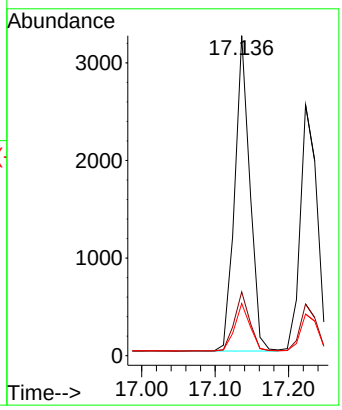


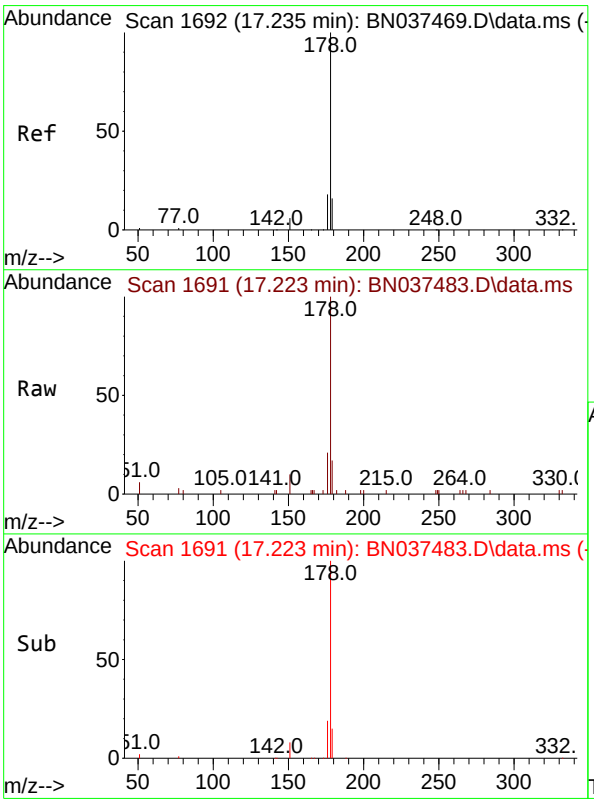
#25
Phenanthrene
Concen: 0.385 ng
RT: 17.136 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN037483.D
Acq: 14 Jul 2025 09:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 4610

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.1	22.7
179	15.3	12.2	18.2

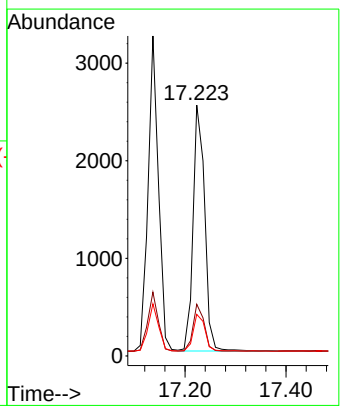


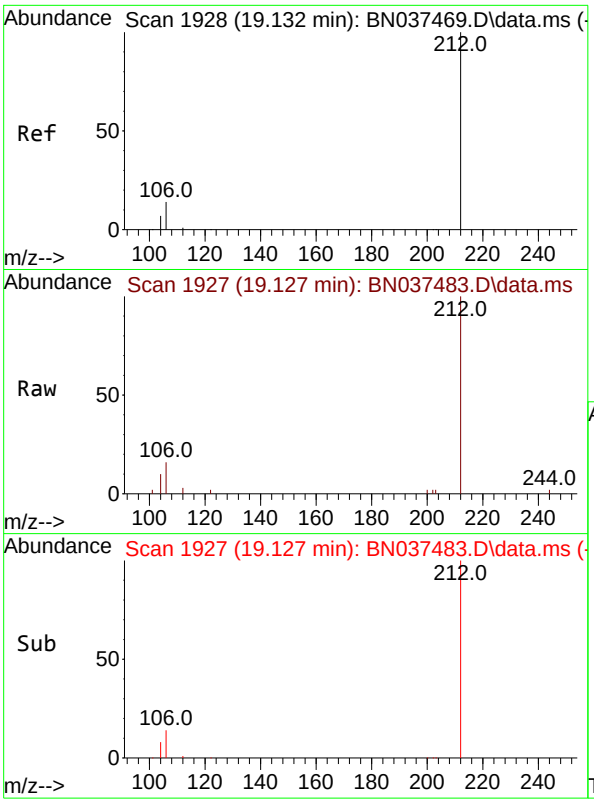


#26
Anthracene
Concen: 0.373 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.012 min
Lab File: BN037483.D
Acq: 14 Jul 2025 09:10

Tgt Ion:178 Resp: 4028

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.9	22.3
179	15.2	12.3	18.5



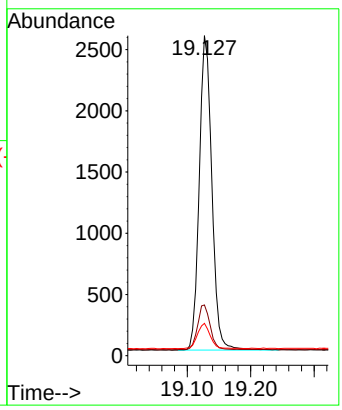


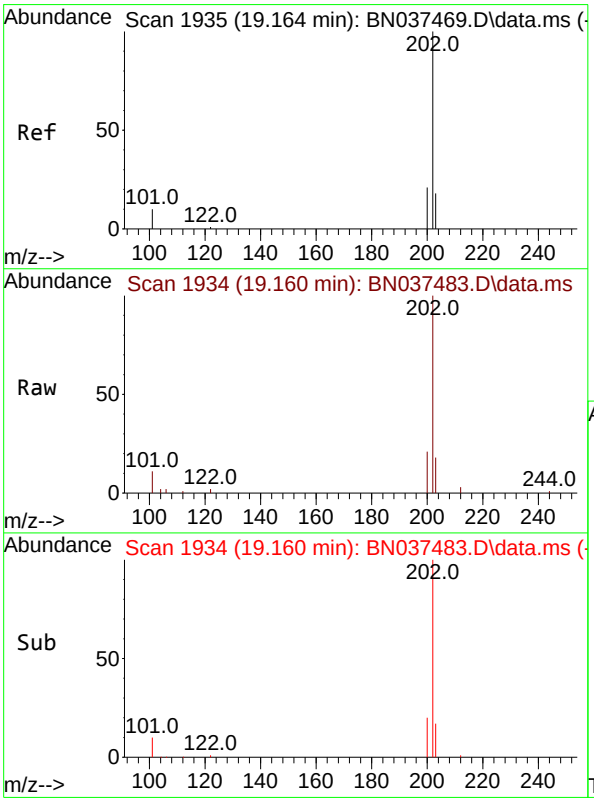
#27
Fluoranthene-d10
Concen: 0.357 ng
RT: 19.127 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN037483.D
Acq: 14 Jul 2025 09:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 3538

Ion	Ratio	Lower	Upper
212	100		
106	14.2	11.7	17.5
104	8.1	6.6	10.0

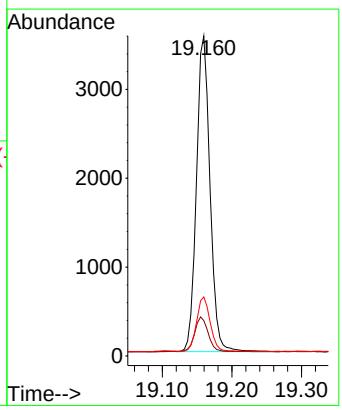


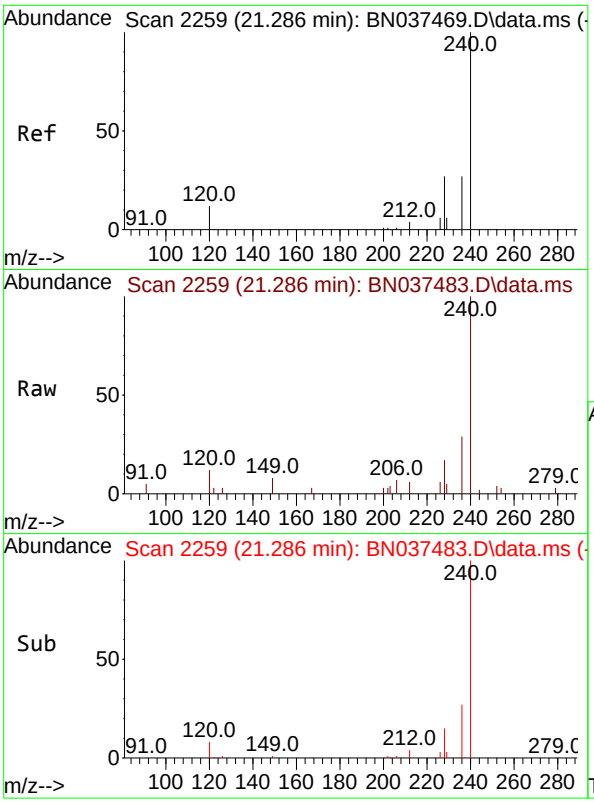


#28
Fluoranthene
Concen: 0.367 ng
RT: 19.160 min Scan# 1934
Delta R.T. -0.005 min
Lab File: BN037483.D
Acq: 14 Jul 2025 09:10

Tgt Ion:202 Resp: 4814

Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.2	13.8
203	17.4	14.0	21.0



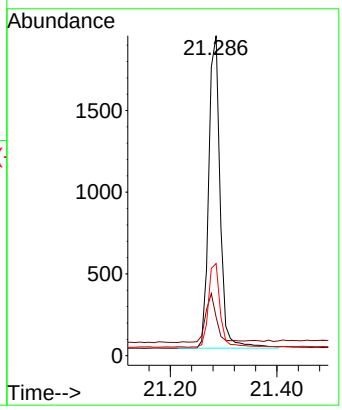


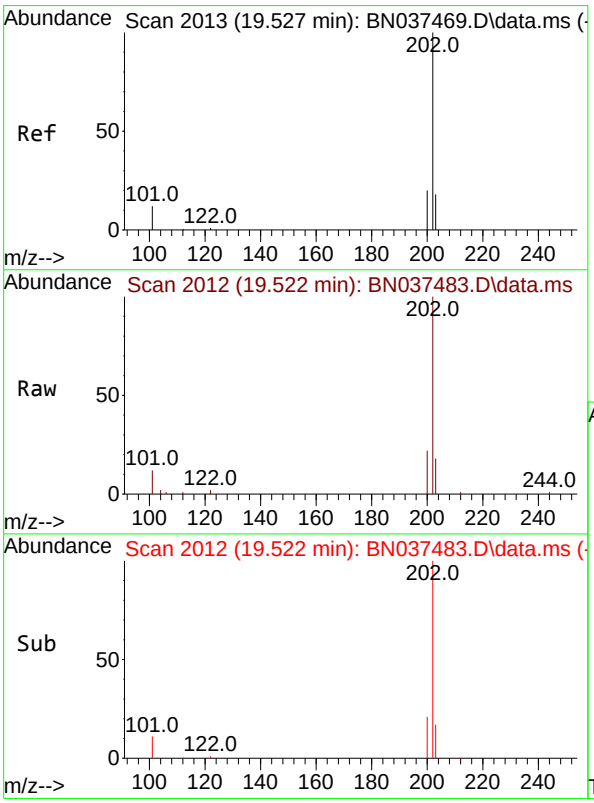
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.286 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037483.D
Acq: 14 Jul 2025 09:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 2837

Ion	Ratio	Lower	Upper
240	100		
120	12.1	12.4	18.6#
236	28.8	22.9	34.3

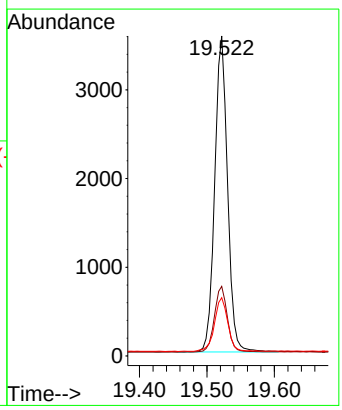


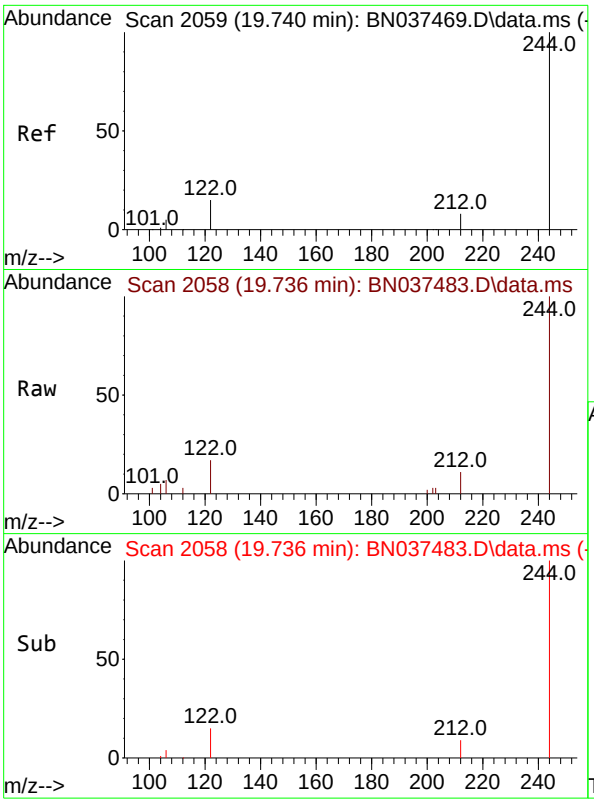


#30
Pyrene
Concen: 0.411 ng
RT: 19.522 min Scan# 2012
Delta R.T. -0.005 min
Lab File: BN037483.D
Acq: 14 Jul 2025 09:10

Tgt Ion:202 Resp: 4688

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.4	24.6
203	17.8	14.3	21.5



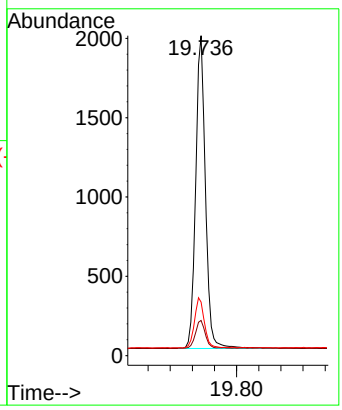


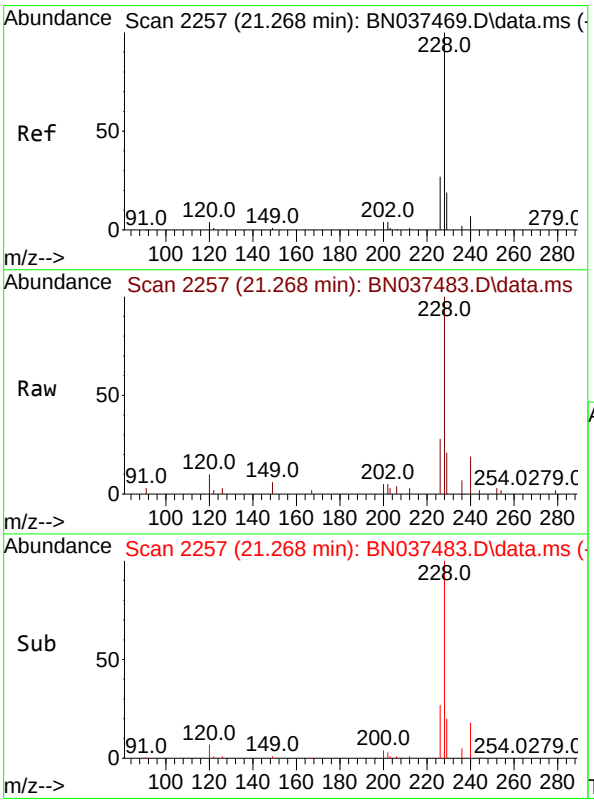
#31
Terphenyl-d14
Concen: 0.409 ng
RT: 19.736 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN037483.D
Acq: 14 Jul 2025 09:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 2420

Ion	Ratio	Lower	Upper
244	100		
212	11.0	8.7	13.1
122	16.7	14.1	21.1

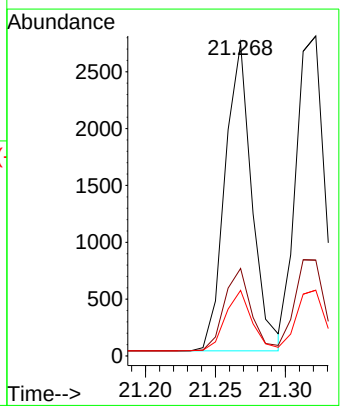


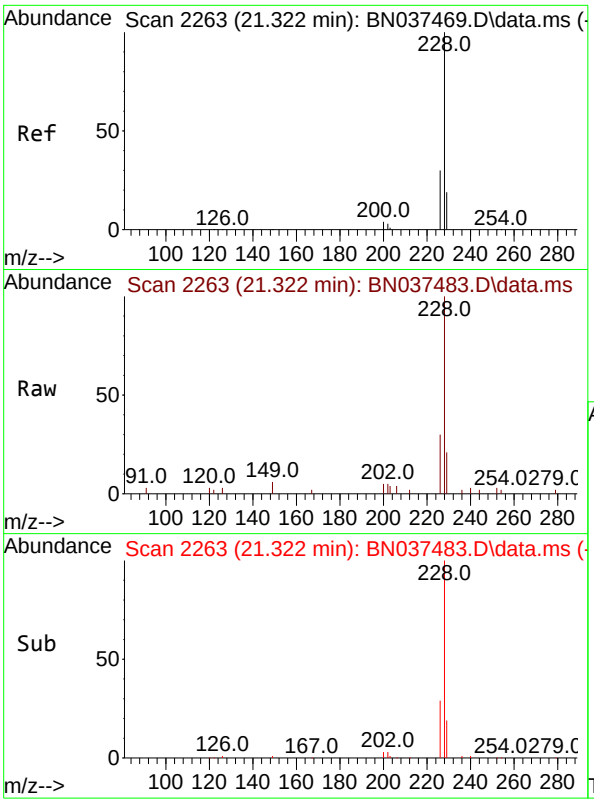


#32
Benzo(a)anthracene
Concen: 0.378 ng
RT: 21.268 min Scan# 2257
Delta R.T. -0.000 min
Lab File: BN037483.D
Acq: 14 Jul 2025 09:10

Tgt Ion:228 Resp: 3631

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.7	34.1
229	21.0	16.6	24.8



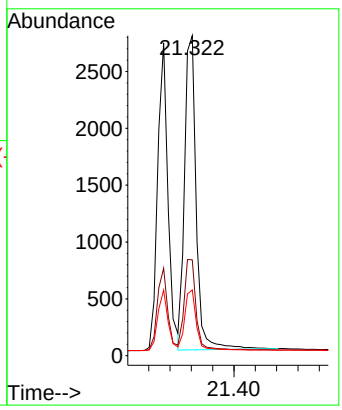


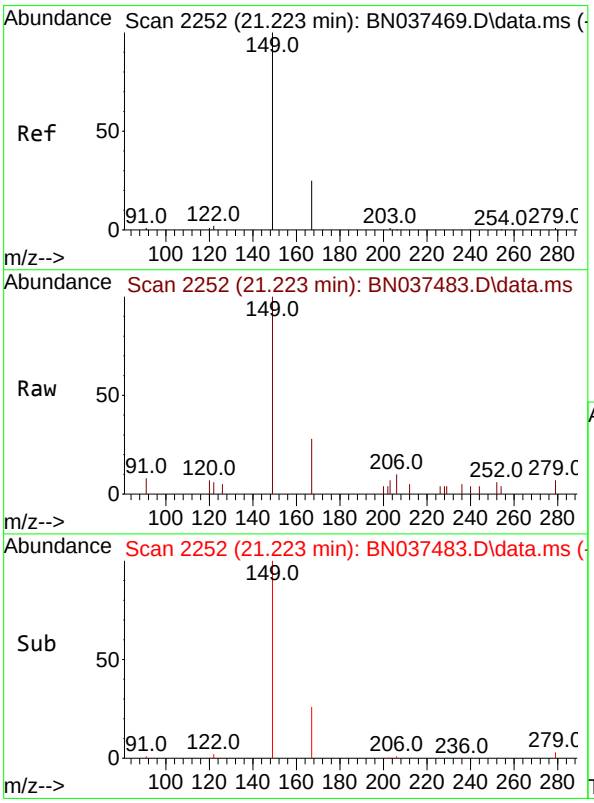
#33
Chrysene
Concen: 0.399 ng
RT: 21.322 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037483.D
Acq: 14 Jul 2025 09:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 4194

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.6	36.8
229	20.6	16.4	24.6

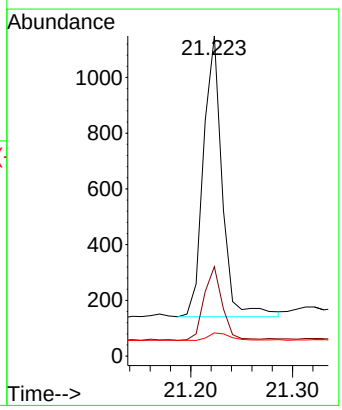


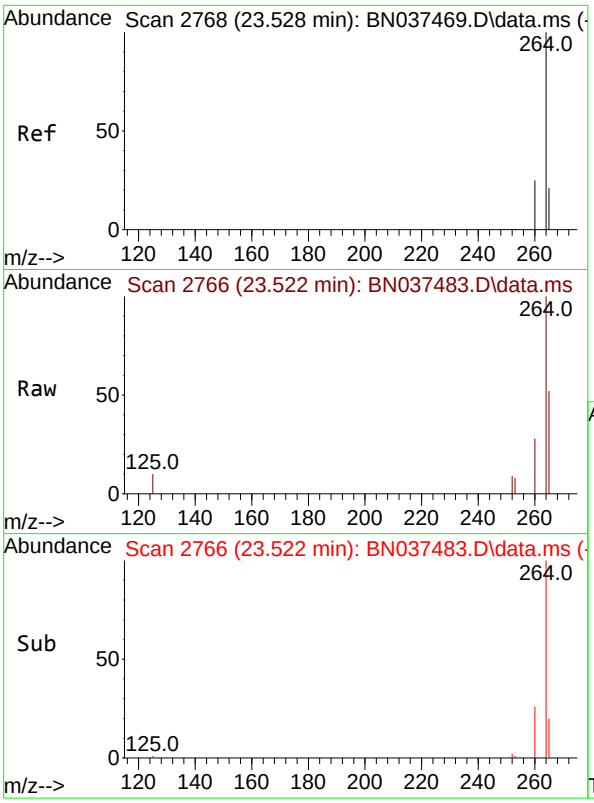


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.395 ng
RT: 21.223 min Scan# 2252
Delta R.T. -0.000 min
Lab File: BN037483.D
Acq: 14 Jul 2025 09:10

Tgt Ion:149 Resp: 1290

Ion	Ratio	Lower	Upper
149	100		
167	25.8	19.4	29.2
279	2.9	2.5	3.7



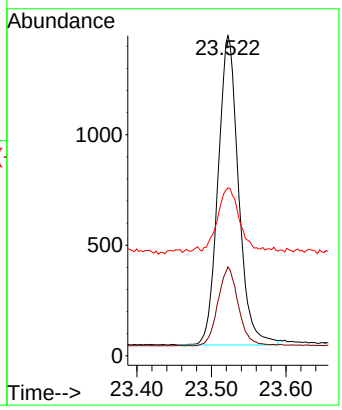


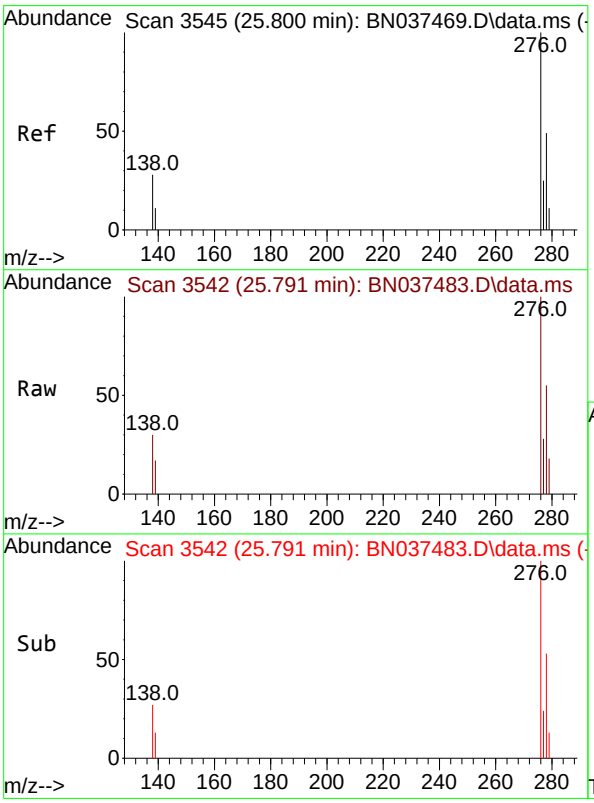
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.522 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN037483.D
Acq: 14 Jul 2025 09:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 2676

Ion	Ratio	Lower	Upper
264	100		
260	27.8	21.7	32.5
265	52.5	41.6	62.4

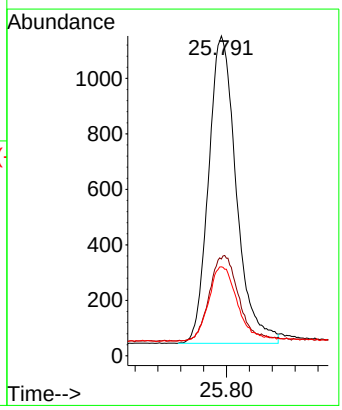


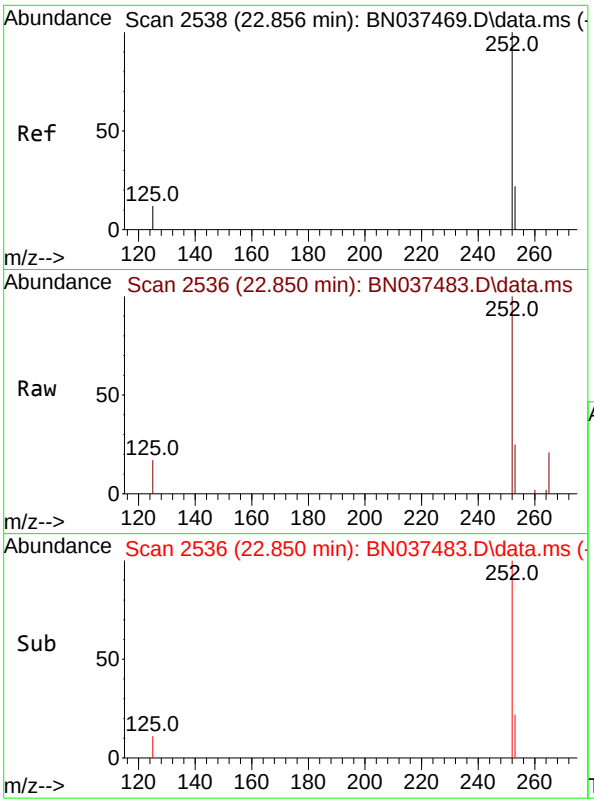


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.359 ng
RT: 25.791 min Scan# 3542
Delta R.T. -0.009 min
Lab File: BN037483.D
Acq: 14 Jul 2025 09:10

Tgt Ion:276 Resp: 3733

Ion	Ratio	Lower	Upper
276	100		
138	29.1	23.4	35.2
277	24.9	19.8	29.8



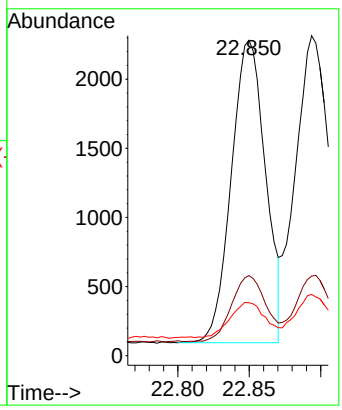


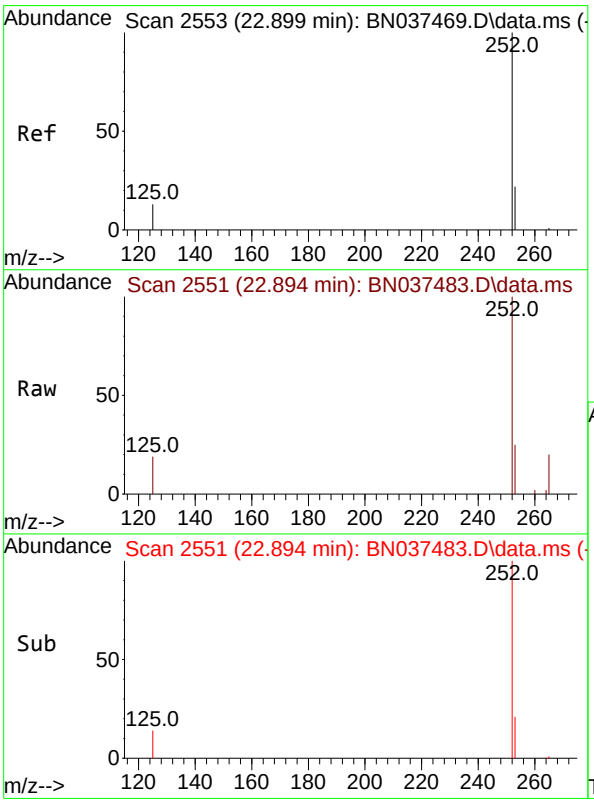
#37
Benzo(b)fluoranthene
Concen: 0.350 ng
RT: 22.850 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN037483.D
Acq: 14 Jul 2025 09:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 3639

Ion	Ratio	Lower	Upper
252	100		
253	25.4	20.1	30.1
125	16.8	13.7	20.5

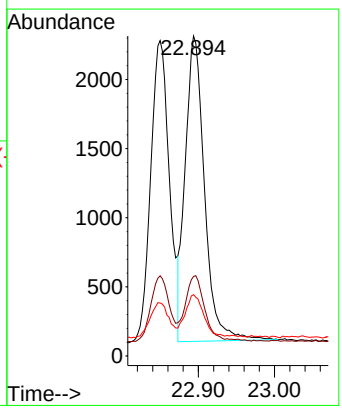


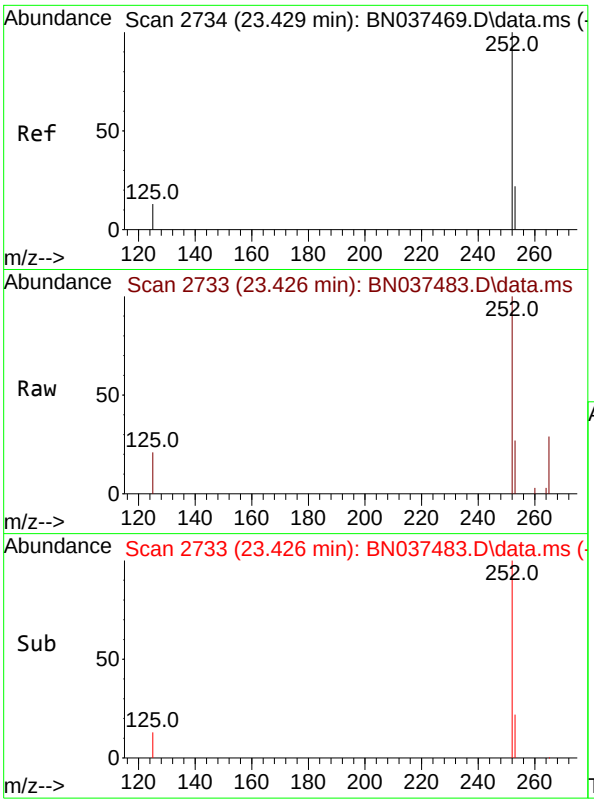


#38
Benzo(k)fluoranthene
Concen: 0.368 ng
RT: 22.894 min Scan# 2551
Delta R.T. -0.006 min
Lab File: BN037483.D
Acq: 14 Jul 2025 09:10

Tgt Ion:252 Resp: 3882

Ion	Ratio	Lower	Upper
252	100		
253	24.9	20.4	30.6
125	19.2	14.6	21.8



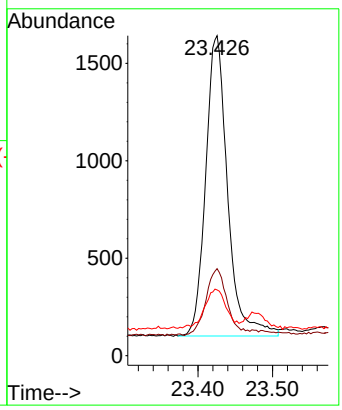


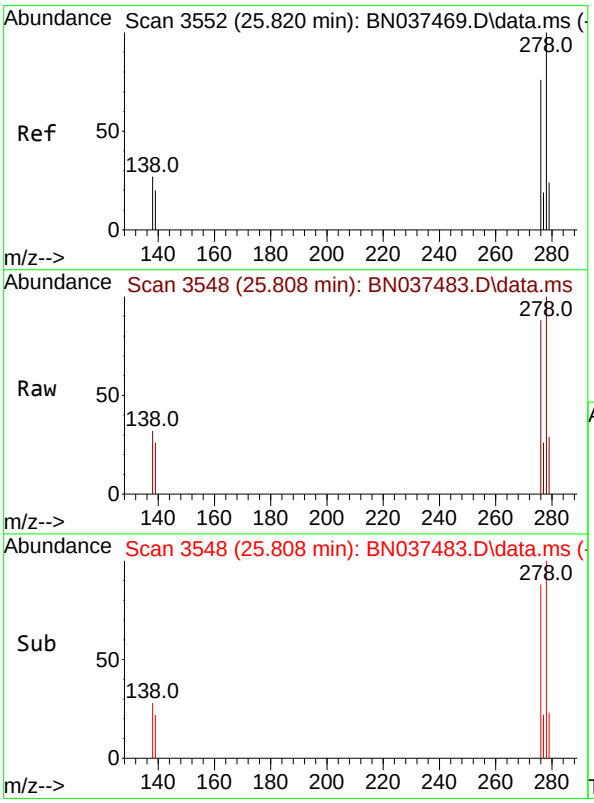
#39
Benzo(a)pyrene
Concen: 0.377 ng
RT: 23.426 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN037483.D
Acq: 14 Jul 2025 09:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 3154

Ion	Ratio	Lower	Upper
252	100		
253	27.2	21.8	32.6
125	20.6	16.7	25.1

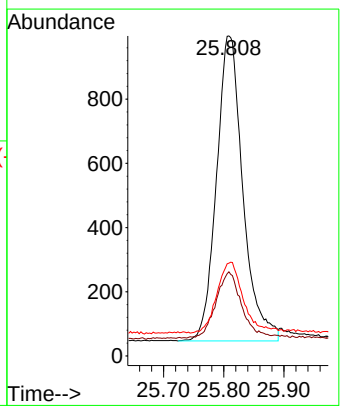


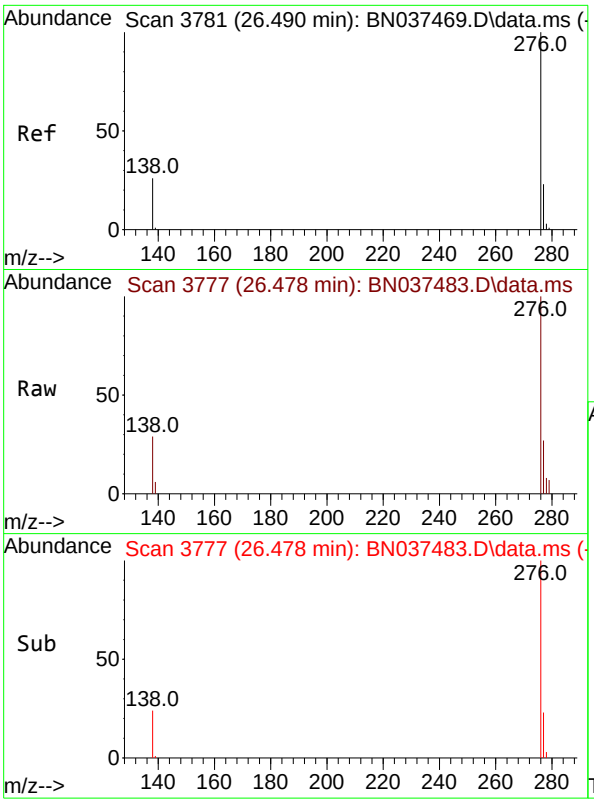


#40
Dibenzo(a,h)anthracene
Concen: 0.346 ng
RT: 25.808 min Scan# 3548
Delta R.T. -0.012 min
Lab File: BN037483.D
Acq: 14 Jul 2025 09:10

Tgt Ion:278 Resp: 2896

Ion	Ratio	Lower	Upper
278	100		
139	26.3	19.9	29.9
279	29.0	24.8	37.2





#41
Benzo(g,h,i)perylene
Concen: 0.361 ng
RT: 26.478 min Scan# 3
Delta R.T. -0.012 min
Lab File: BN037483.D
Acq: 14 Jul 2025 09:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 3310

Ion	Ratio	Lower	Upper
276	100		
277	27.1	21.7	32.5
138	28.6	24.3	36.5