Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051425\
Data File : BN037009.D
Acq On : 14 May 2025 10:31
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: May 14 11:28:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.618	152	1633	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	4300	0.400	ng	#-0.01
13) Acenaphthene-d10	14.267	164	2444	0.400	ng	0.00
19) Phenanthrene-d10	17.009	188	4780	0.400	ng	0.00
29) Chrysene-d12	21.215	240	4137	0.400	ng	# 0.00
35) Perylene-d12	23.421	264	4043	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	1761	0.412	ng	0.00
5) Phenol-d6	6.788	99	2128	0.398	ng	0.00
8) Nitrobenzene-d5	8.760	82	1748	0.373	ng	-0.01
11) 2-Methylnaphthalene-d10	11.996	152	2373	0.392	ng	0.00
14) 2,4,6-Tribromophenol	15.767	330	429	0.400	ng	0.00
15) 2-Fluorobiphenyl	12.883	172	4521	0.404	ng	0.00
27) Fluoranthene-d10	19.049	212	5092	0.388	ng	0.00
31) Terphenyl-d14	19.658	244	3691	0.417	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.141	88	1028	0.513	ng	89
3) n-Nitrosodimethylamine	3.458	42	1610	0.374	ng	# 93
6) bis(2-Chloroethyl)ether	7.048	93	1864	0.378	ng	99
9) Naphthalene	10.447	128	4917	0.387	ng	99
10) Hexachlorobutadiene	10.735	225	1070	0.401	ng	# 99
12) 2-Methylnaphthalene	12.072	142	3206	0.392	ng	99
16) Acenaphthylene	13.978	152	4609	0.387	ng	99
17) Acenaphthene	14.331	154	3074	0.395	ng	100
18) Fluorene	15.314	166	4034	0.396	ng	99
20) 4,6-Dinitro-2-methylph...	15.411	198	390	0.420	ng	92
21) 4-Bromophenyl-phenylether	16.214	248	1206	0.399	ng	99
22) Hexachlorobenzene	16.326	284	1358	0.420	ng	99
23) Atrazine	16.487	200	1010	0.384	ng	99
24) Pentachlorophenol	16.674	266	679	0.381	ng	96
25) Phenanthrene	17.058	178	6280	0.402	ng	100
26) Anthracene	17.145	178	5522	0.388	ng	99
28) Fluoranthene	19.082	202	7218	0.387	ng	99
30) Pyrene	19.444	202	7317	0.413	ng	100
32) Benzo(a)anthracene	21.198	228	6036	0.387	ng	99
33) Chrysene	21.251	228	6845	0.415	ng	97
34) Bis(2-ethylhexyl)phtha...	21.144	149	3623	0.378	ng	99
36) Indeno(1,2,3-cd)pyrene	25.631	276	6635	0.402	ng	99
37) Benzo(b)fluoranthene	22.758	252	6597	0.393	ng	99
38) Benzo(k)fluoranthene	22.801	252	6556	0.396	ng	99
39) Benzo(a)pyrene	23.322	252	5536	0.389	ng	98
40) Dibenzo(a,h)anthracene	25.646	278	5097	0.396	ng	98
41) Benzo(g,h,i)perylene	26.310	276	5763	0.412	ng	98

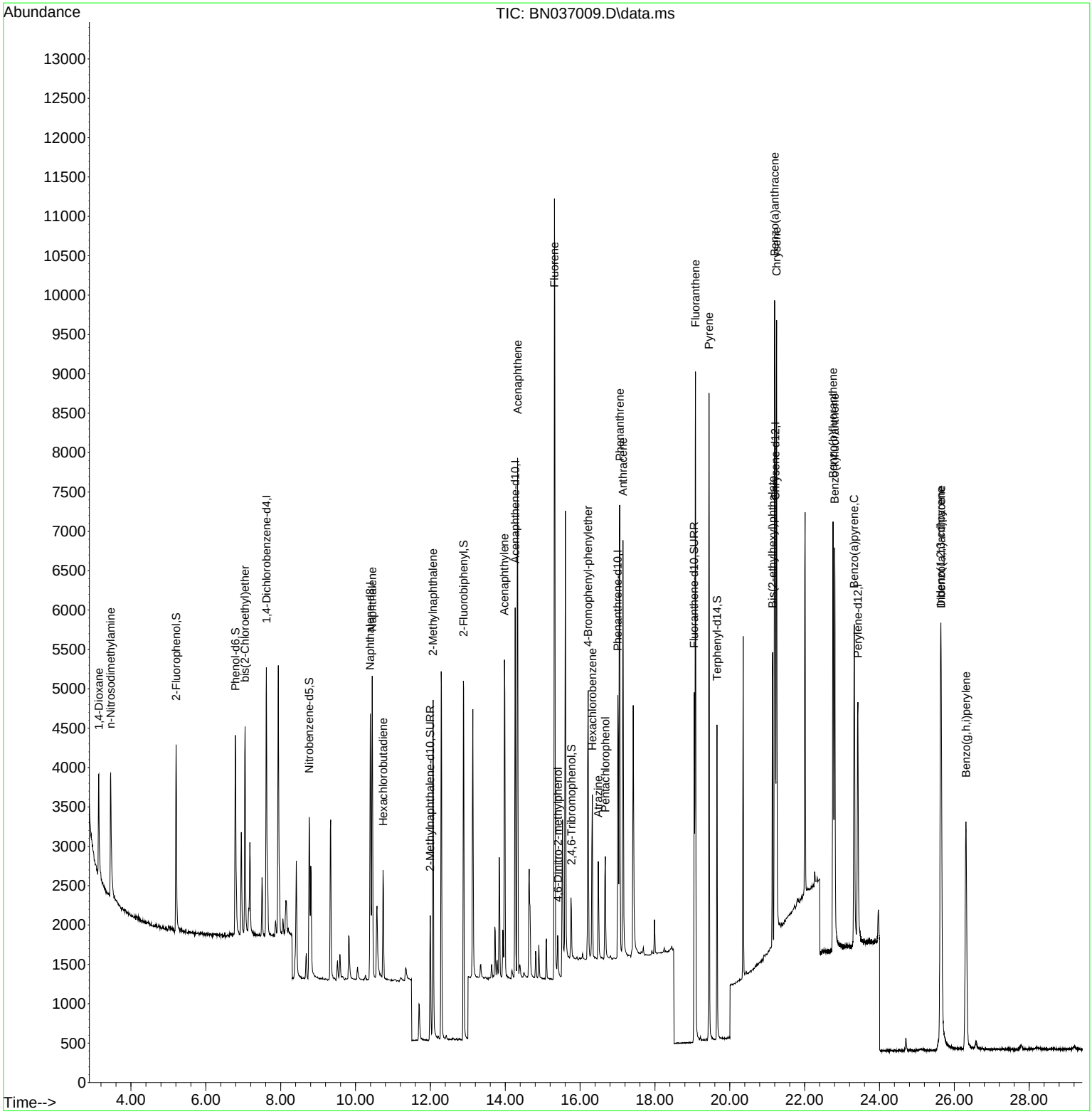
(#) = qualifier out of range (m) = manual integration (+) = signals summed

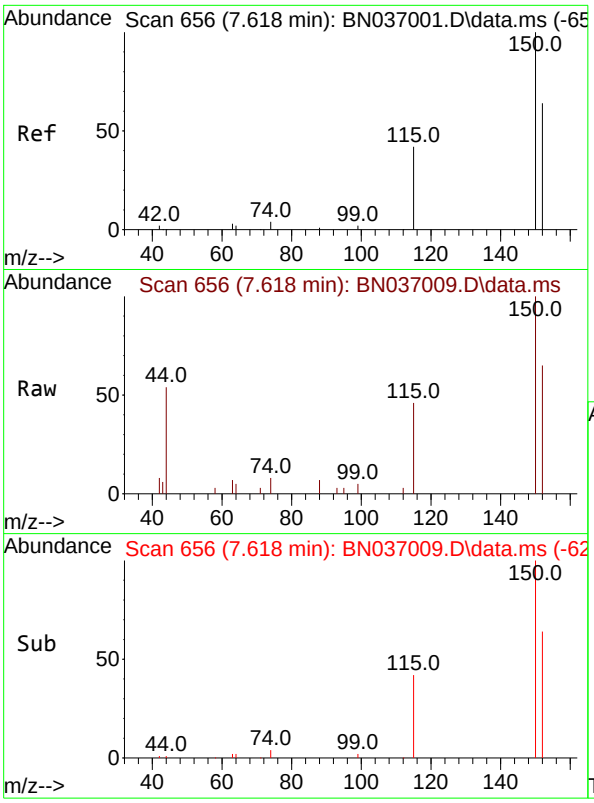
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051425\
Data File : BN037009.D
Acq On : 14 May 2025 10:31
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: May 14 11:28:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration



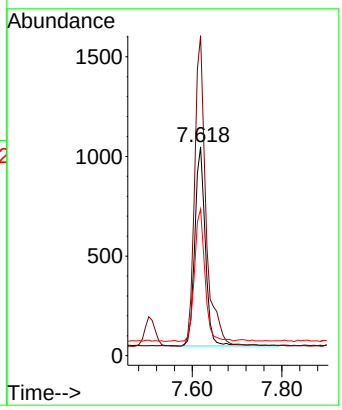


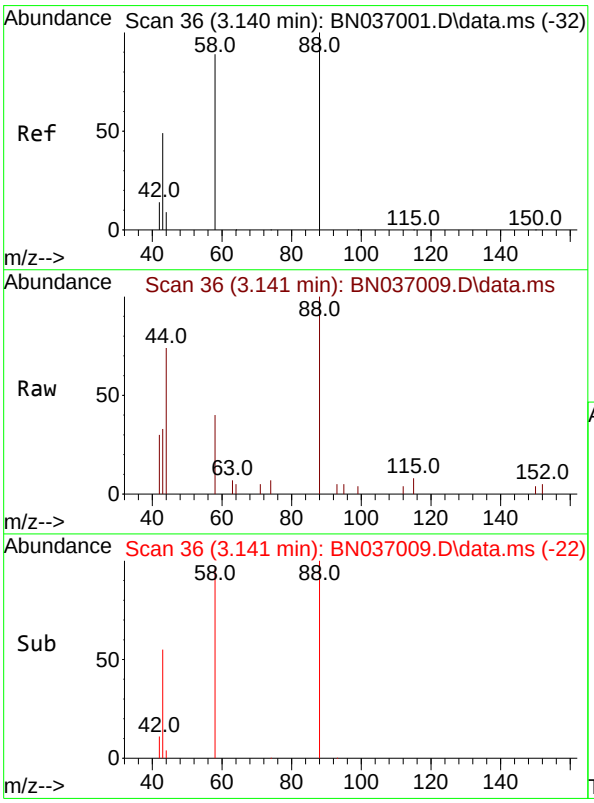
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.618 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN037009.D
Acq: 14 May 2025 10:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 1633

Ion	Ratio	Lower	Upper
152	100		
150	153.2	123.9	185.9
115	70.2	55.8	83.8

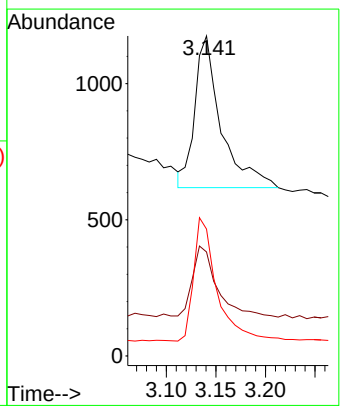


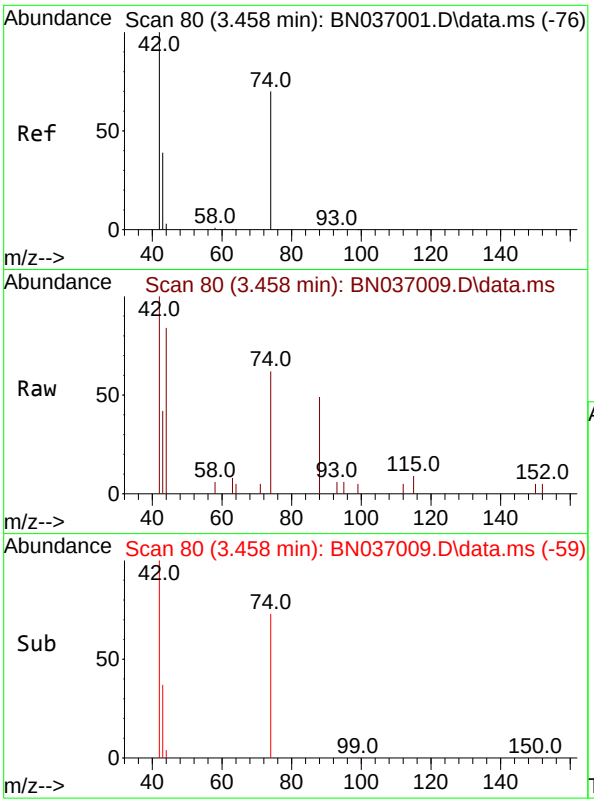


#2
1,4-Dioxane
Concen: 0.513 ng
RT: 3.141 min Scan# 36
Delta R.T. 0.001 min
Lab File: BN037009.D
Acq: 14 May 2025 10:31

Tgt Ion: 88 Resp: 1028

Ion	Ratio	Lower	Upper
88	100		
43	44.6	37.4	56.0
58	71.4	68.8	103.2



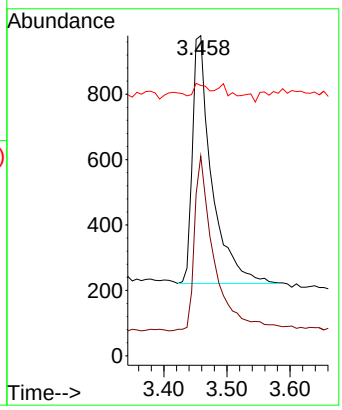


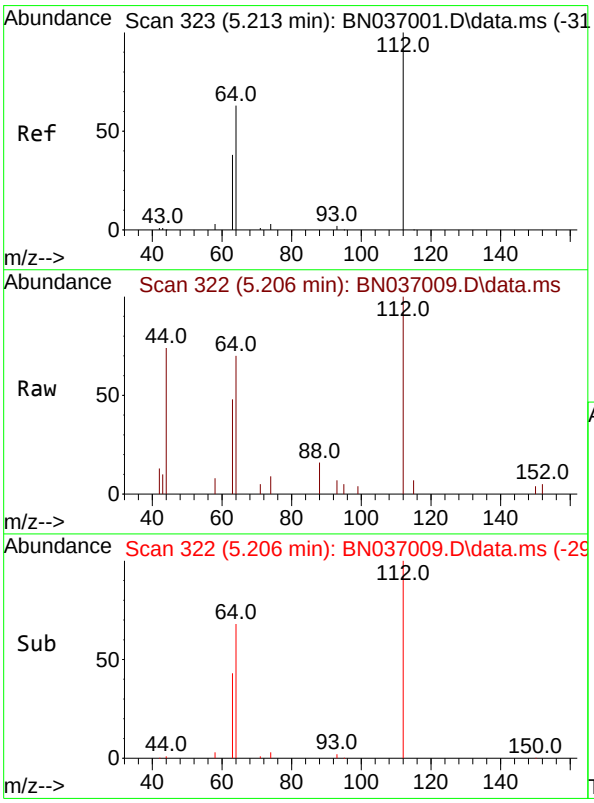
#3
n-Nitrosodimethylamine
Concen: 0.374 ng
RT: 3.458 min Scan# 8
Delta R.T. 0.000 min
Lab File: BN037009.D
Acq: 14 May 2025 10:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 1610

Ion	Ratio	Lower	Upper
42	100		
74	72.5	59.8	89.6
44	3.9	11.9	17.9#

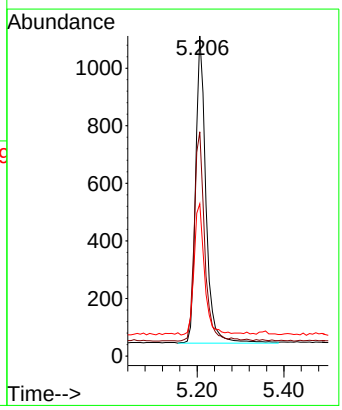


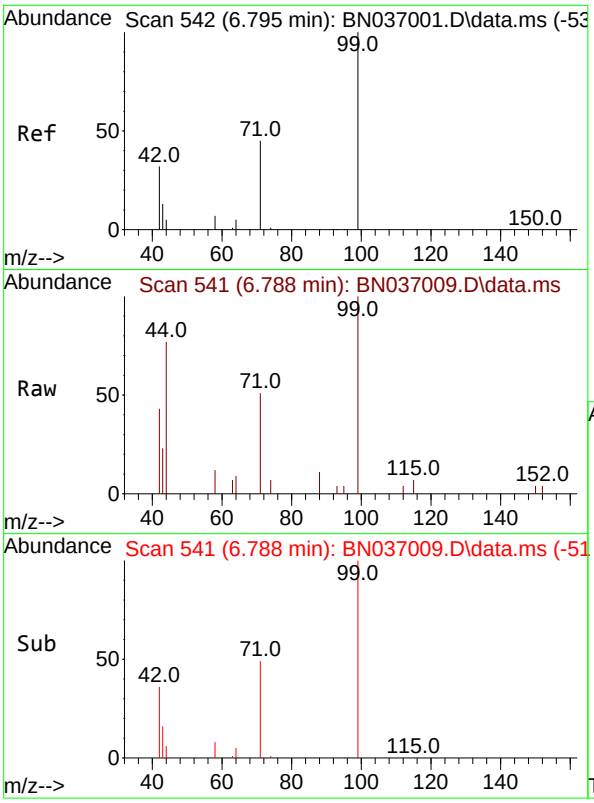


#4
2-Fluorophenol
Concen: 0.412 ng
RT: 5.206 min Scan# 322
Delta R.T. -0.007 min
Lab File: BN037009.D
Acq: 14 May 2025 10:31

Tgt Ion:112 Resp: 1761

Ion	Ratio	Lower	Upper
112	100		
64	68.0	55.7	83.5
63	44.1	34.6	51.8



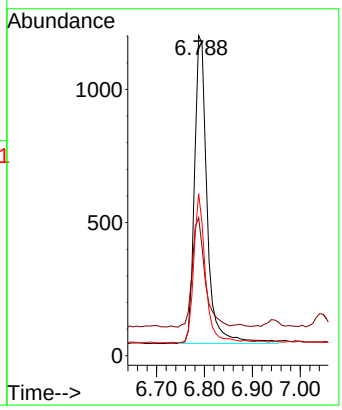


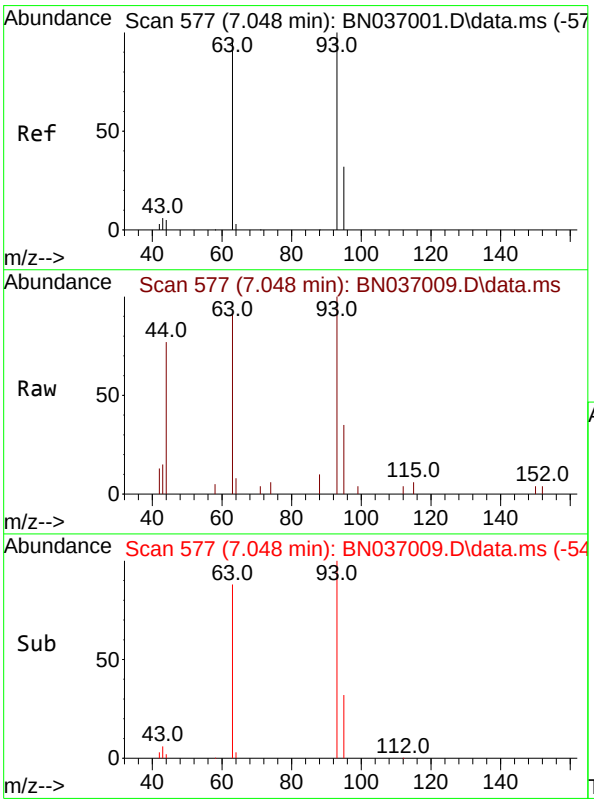
#5
Phenol-d6
Concen: 0.398 ng
RT: 6.788 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN037009.D
Acq: 14 May 2025 10:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 2128

Ion	Ratio	Lower	Upper
99	100		
42	36.1	29.3	43.9
71	44.3	35.7	53.5

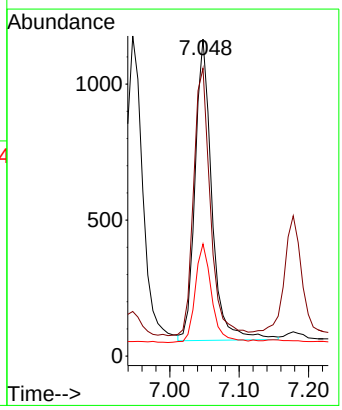


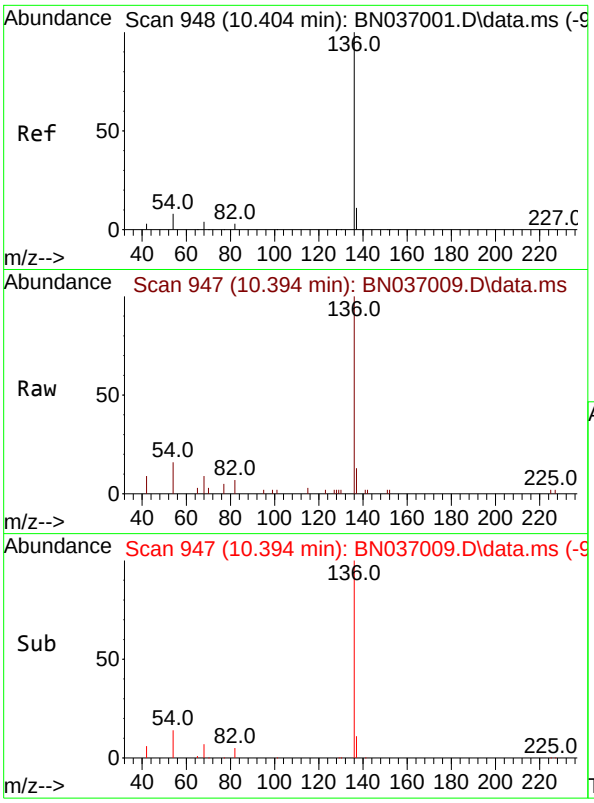


#6
bis(2-Chloroethyl)ether
Concen: 0.378 ng
RT: 7.048 min Scan# 577
Delta R.T. 0.000 min
Lab File: BN037009.D
Acq: 14 May 2025 10:31

Tgt Ion: 93 Resp: 1864

Ion	Ratio	Lower	Upper
93	100		
63	88.5	70.1	105.1
95	31.9	26.2	39.2



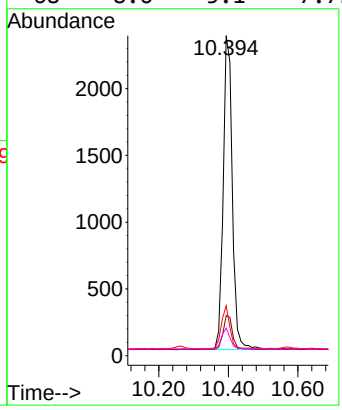


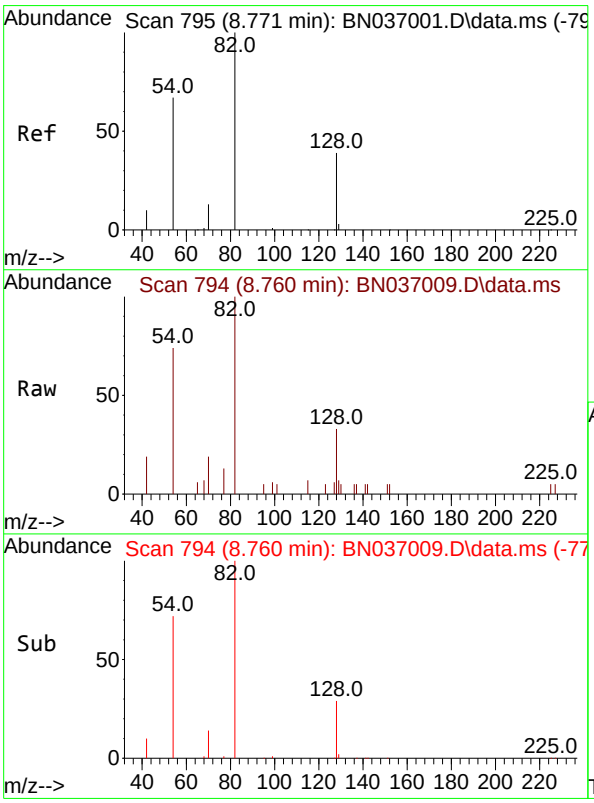
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037009.D
Acq: 14 May 2025 10:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 4300

Ion	Ratio	Lower	Upper
136	100		
137	12.6	10.4	15.6
54	15.6	8.5	12.7#
68	8.6	5.1	7.7#

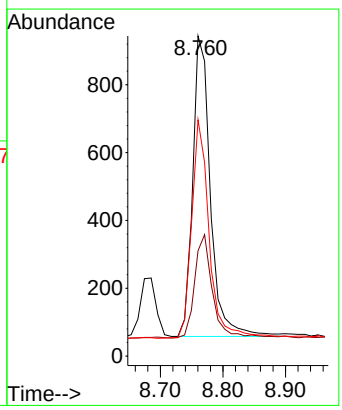


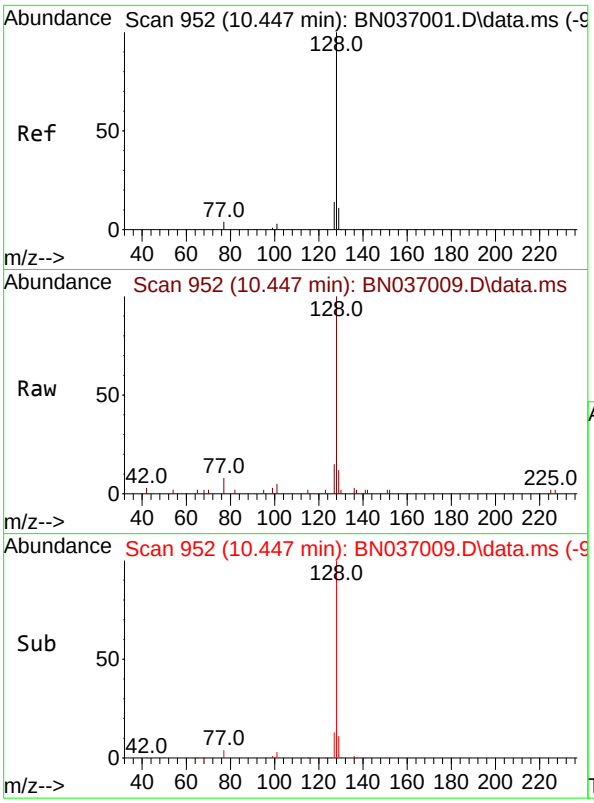


#8
Nitrobenzene-d5
Concen: 0.373 ng
RT: 8.760 min Scan# 794
Delta R.T. -0.011 min
Lab File: BN037009.D
Acq: 14 May 2025 10:31

Tgt Ion: 82 Resp: 1748

Ion	Ratio	Lower	Upper
82	100		
128	32.9	34.0	51.0#
54	73.8	55.0	82.4



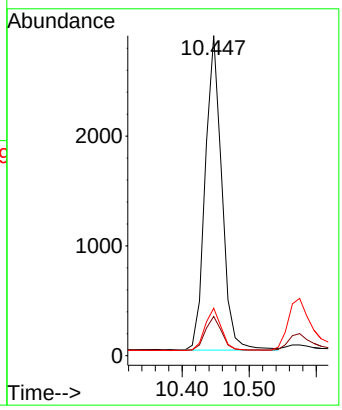


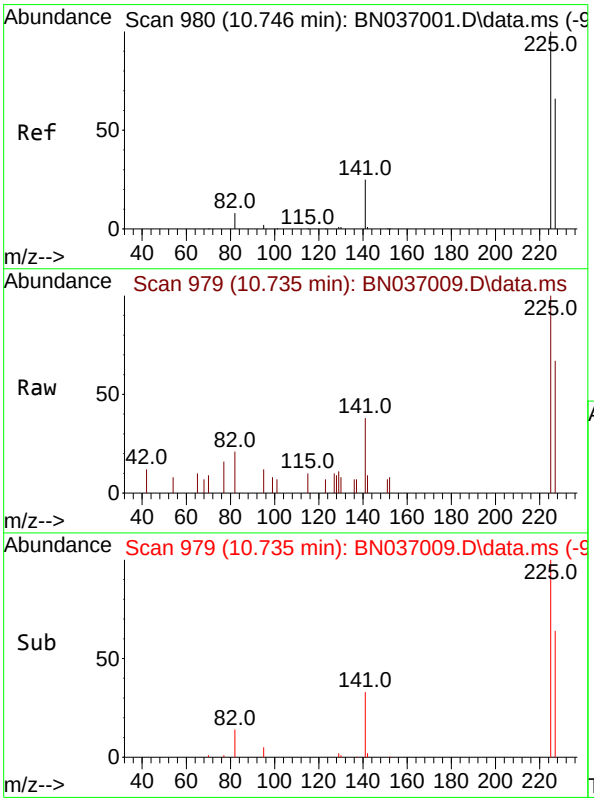
#9
Naphthalene
Concen: 0.387 ng
RT: 10.447 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN037009.D
Acq: 14 May 2025 10:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 4917

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.7	14.5
127	14.9	12.4	18.6

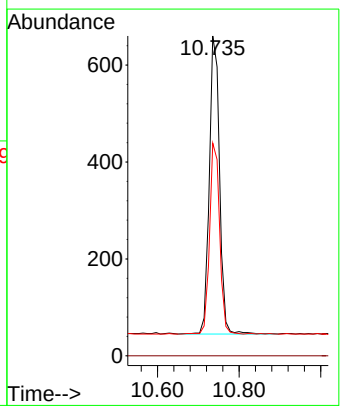


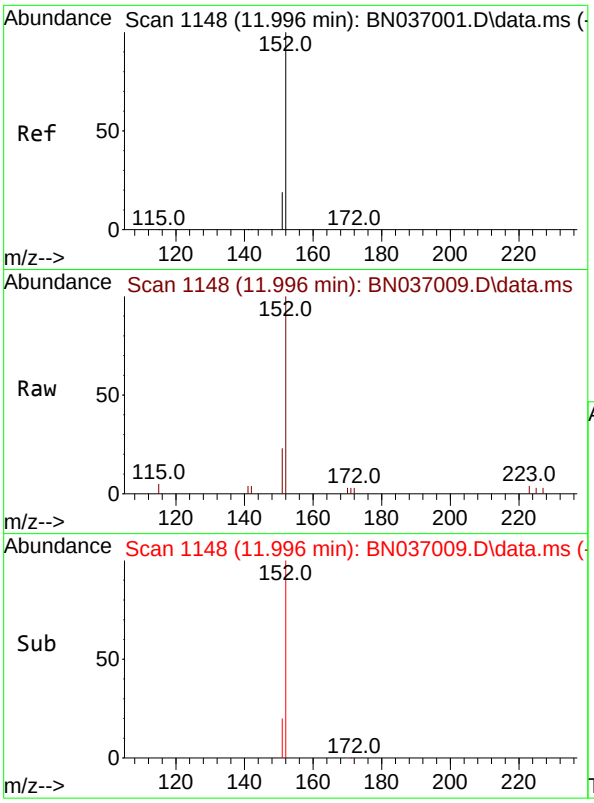


#10
Hexachlorobutadiene
Concen: 0.401 ng
RT: 10.735 min Scan# 979
Delta R.T. -0.011 min
Lab File: BN037009.D
Acq: 14 May 2025 10:31

Tgt Ion:225 Resp: 1070

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.8	50.9	76.3



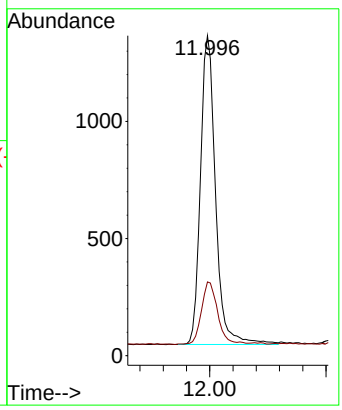


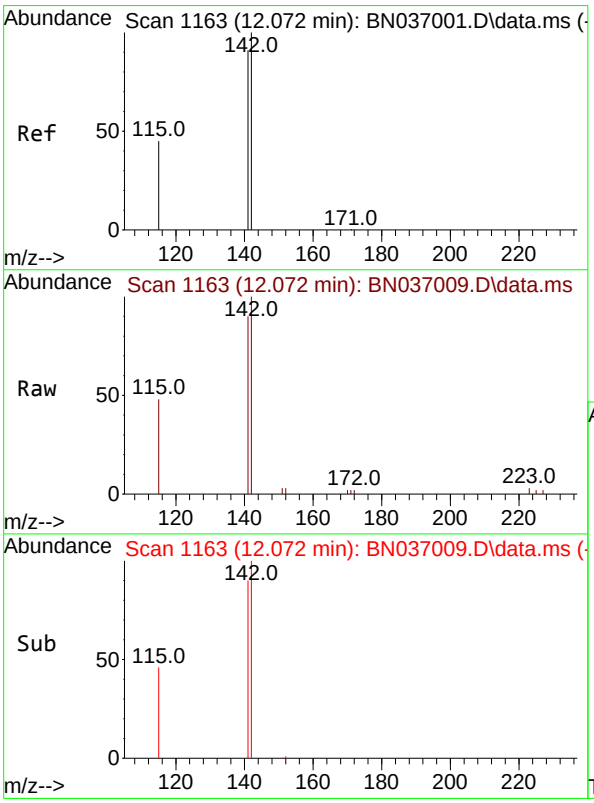
#11
2-Methylnaphthalene-d10
Concen: 0.392 ng
RT: 11.996 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037009.D
Acq: 14 May 2025 10:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 2373

Ion	Ratio	Lower	Upper
152	100		
151	21.9	17.5	26.3

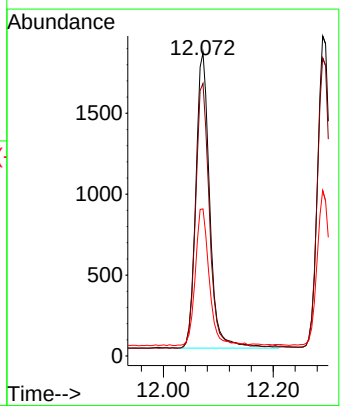


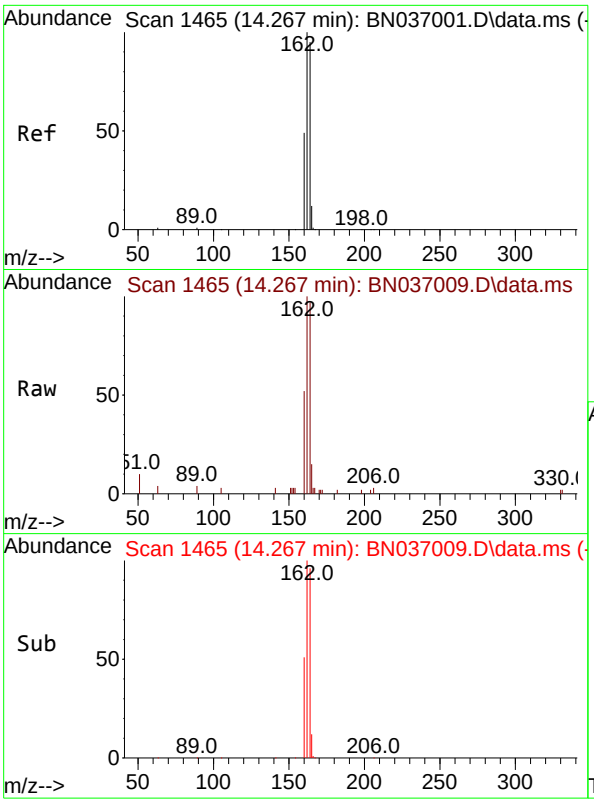


#12
2-Methylnaphthalene
Concen: 0.392 ng
RT: 12.072 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BN037009.D
Acq: 14 May 2025 10:31

Tgt Ion:142 Resp: 3206

Ion	Ratio	Lower	Upper
142	100		
141	89.8	73.3	109.9
115	48.5	38.4	57.6



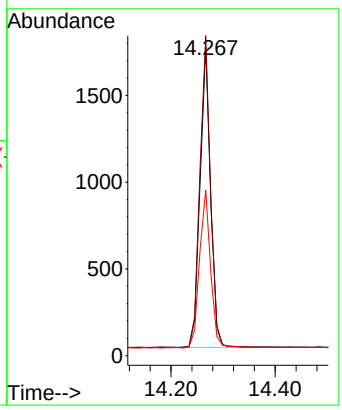


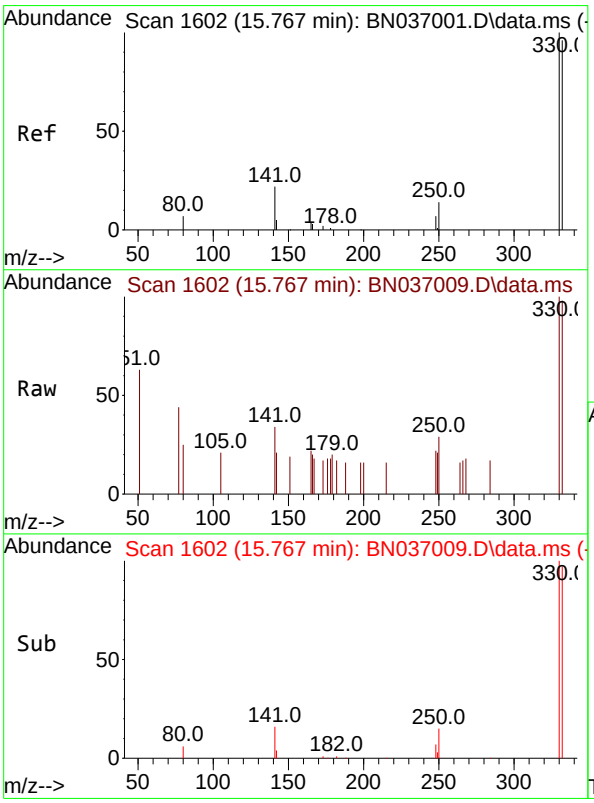
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.267 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN037009.D
Acq: 14 May 2025 10:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 2444

Ion	Ratio	Lower	Upper
164	100		
162	103.5	84.2	126.4
160	53.6	42.6	63.8

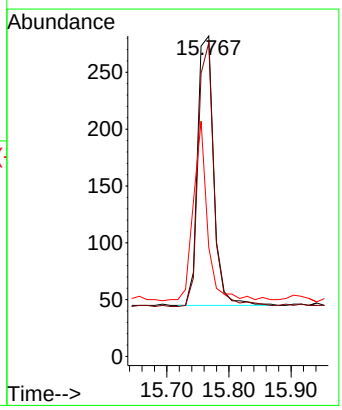


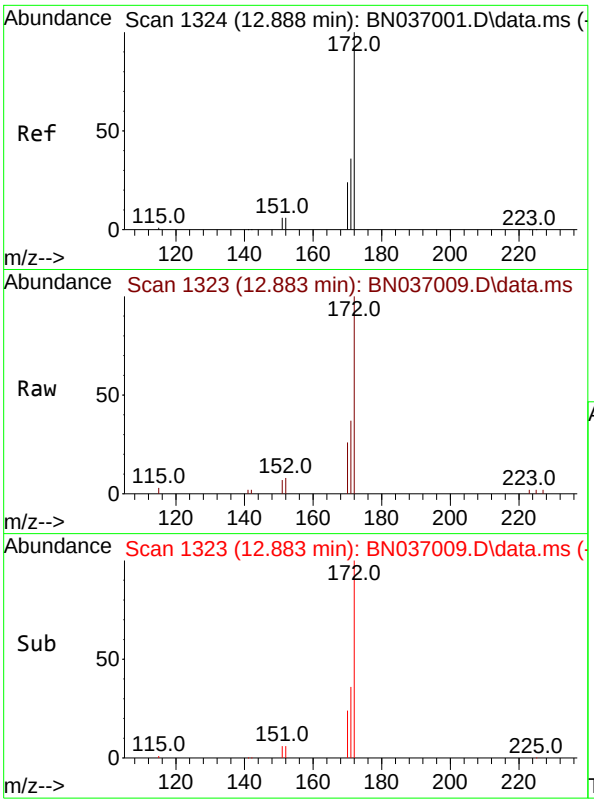


#14
2,4,6-Tribromophenol
Concen: 0.400 ng
RT: 15.767 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BN037009.D
Acq: 14 May 2025 10:31

Tgt Ion:330 Resp: 429

Ion	Ratio	Lower	Upper
330	100		
332	95.3	73.8	110.8
141	58.7	43.9	65.9



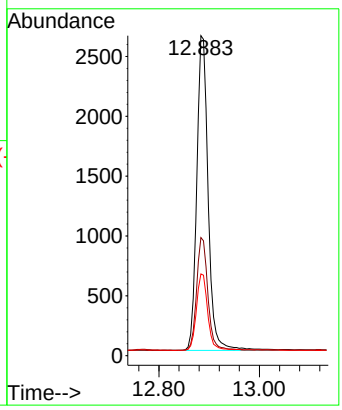


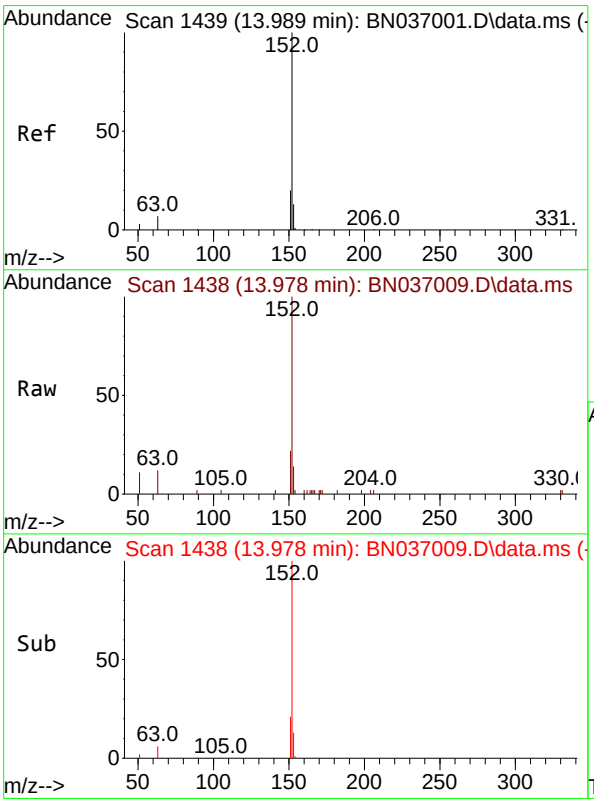
#15
2-Fluorobiphenyl
Concen: 0.404 ng
RT: 12.883 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN037009.D
Acq: 14 May 2025 10:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 4521

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.2	43.8
170	25.6	20.5	30.7

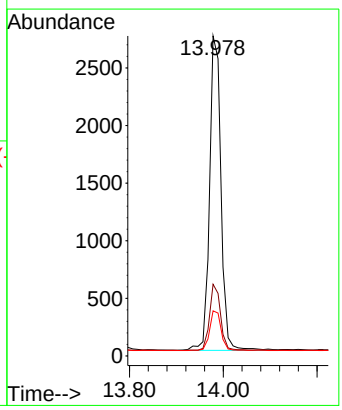


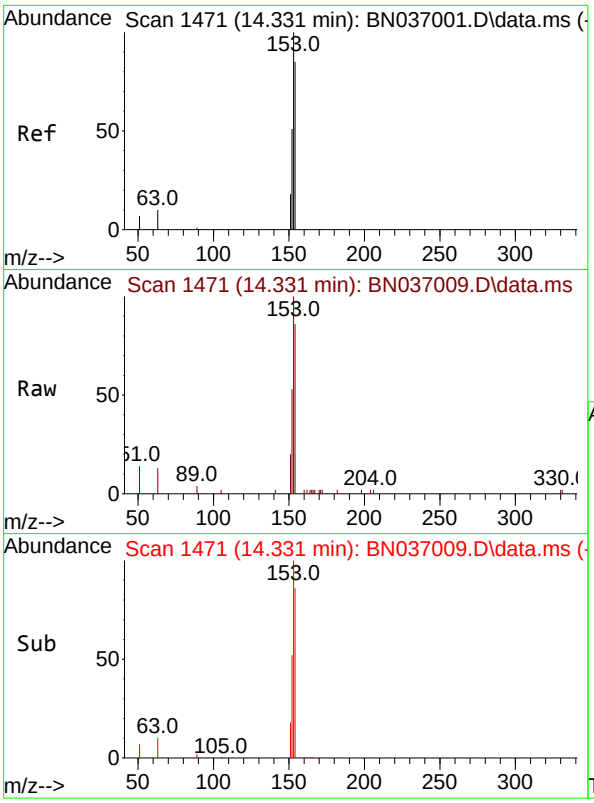


#16
Acenaphthylene
Concen: 0.387 ng
RT: 13.978 min Scan# 1438
Delta R.T. -0.011 min
Lab File: BN037009.D
Acq: 14 May 2025 10:31

Tgt Ion:152 Resp: 4609

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.1	24.1
153	12.7	10.5	15.7



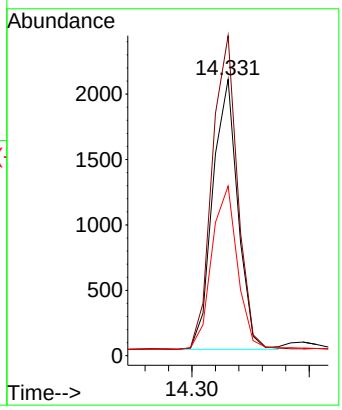


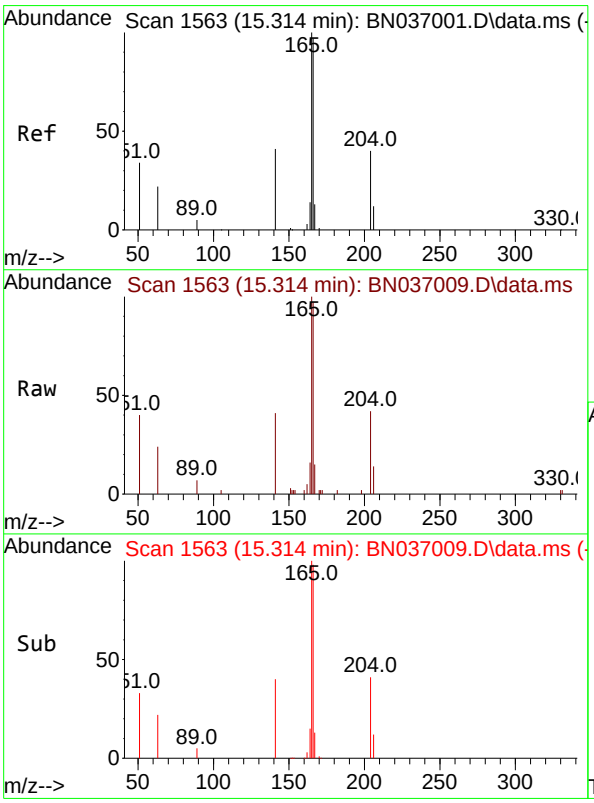
#17
Acenaphthene
Concen: 0.395 ng
RT: 14.331 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN037009.D
Acq: 14 May 2025 10:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 3074

Ion	Ratio	Lower	Upper
154	100		
153	117.8	94.2	141.4
152	62.2	49.4	74.0

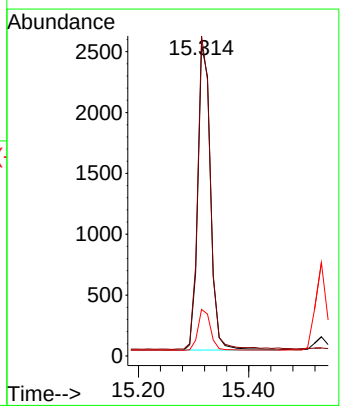


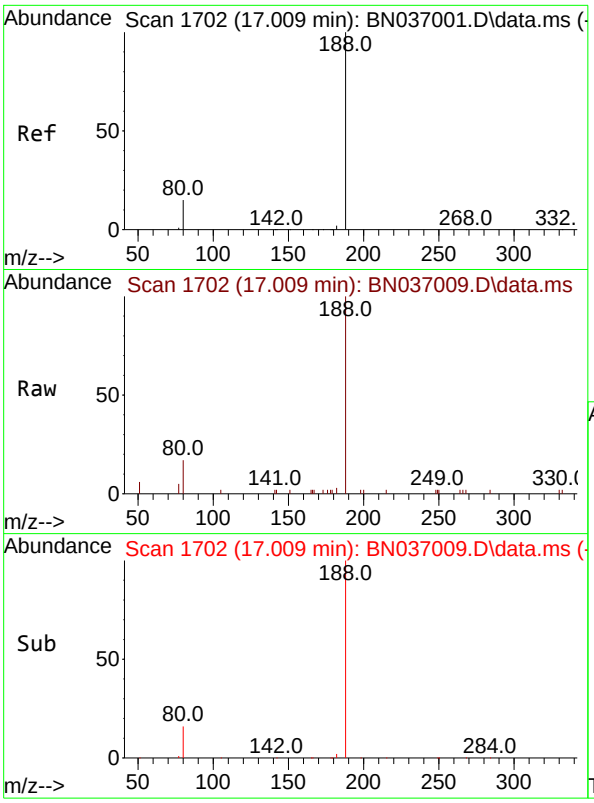


#18
Fluorene
Concen: 0.396 ng
RT: 15.314 min Scan# 1563
Delta R.T. 0.000 min
Lab File: BN037009.D
Acq: 14 May 2025 10:31

Tgt Ion:166 Resp: 4034

Ion	Ratio	Lower	Upper
166	100		
165	101.7	80.6	120.8
167	13.5	10.6	16.0



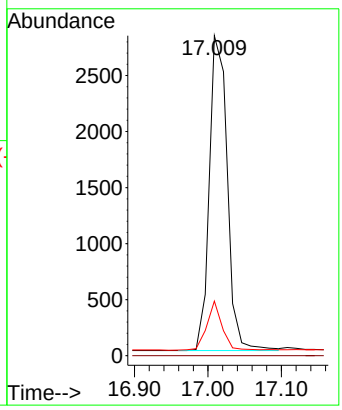


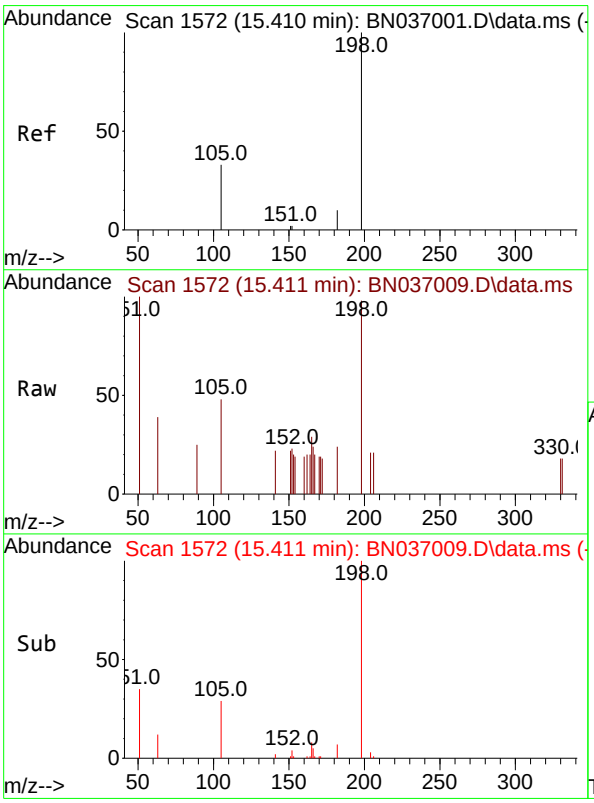
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.009 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037009.D
Acq: 14 May 2025 10:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 4780

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	17.1	13.4	20.0

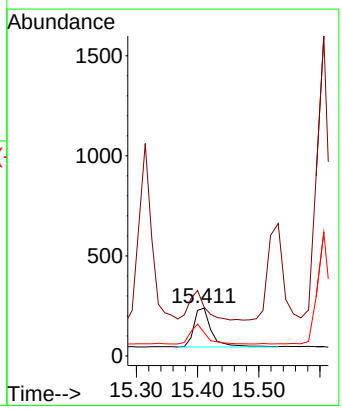


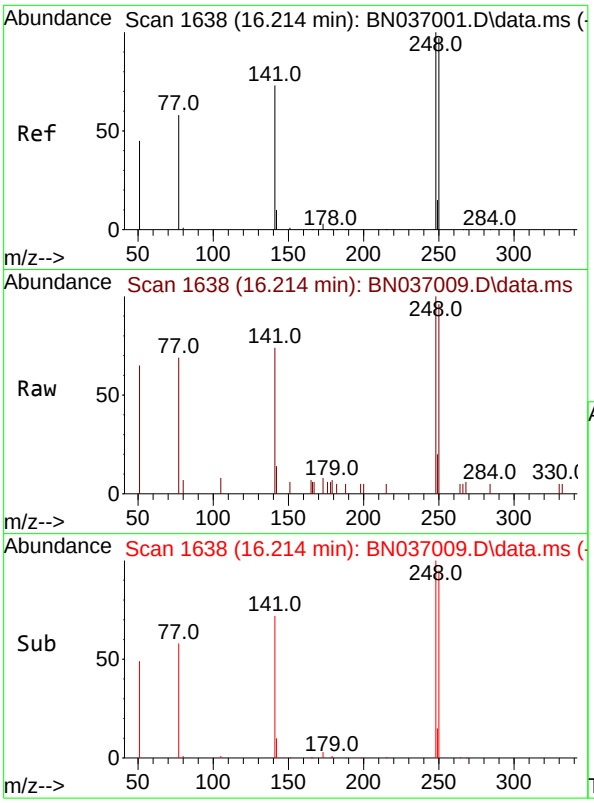


#20
4,6-Dinitro-2-methylphenol
Concen: 0.420 ng
RT: 15.411 min Scan# 1572
Delta R.T. 0.001 min
Lab File: BN037009.D
Acq: 14 May 2025 10:31

Tgt Ion:198 Resp: 390

Ion	Ratio	Lower	Upper
198	100		
51	102.1	87.8	131.6
105	49.0	44.2	66.4



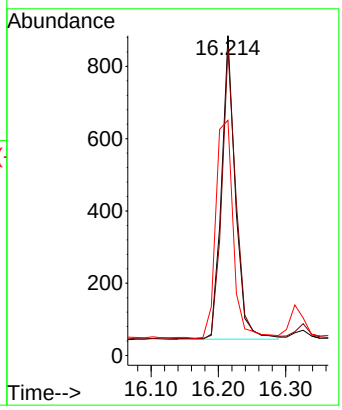


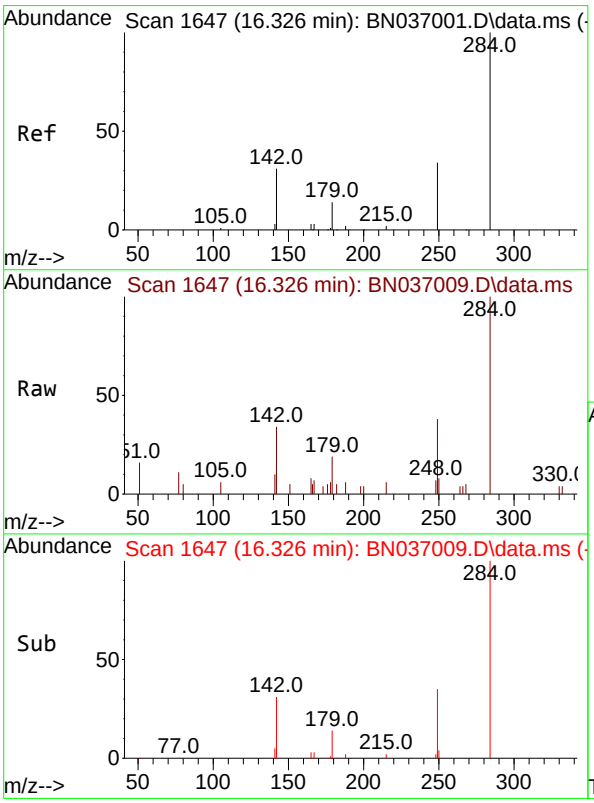
#21
4-Bromophenyl-phenylether
Concen: 0.399 ng
RT: 16.214 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037009.D
Acq: 14 May 2025 10:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:248 Resp: 1206

Ion	Ratio	Lower	Upper
248	100		
250	95.9	78.1	117.1
141	73.6	59.7	89.5

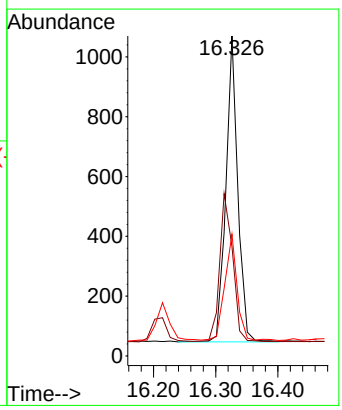


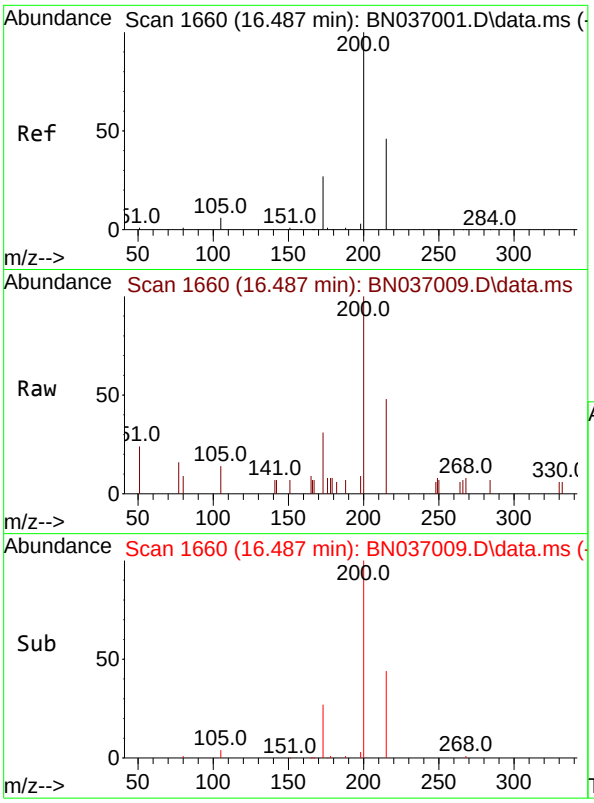


#22
Hexachlorobenzene
Concen: 0.420 ng
RT: 16.326 min Scan# 1647
Delta R.T. 0.000 min
Lab File: BN037009.D
Acq: 14 May 2025 10:31

Tgt Ion:284 Resp: 1358

Ion	Ratio	Lower	Upper
284	100		
142	52.6	41.2	61.8
249	36.2	28.7	43.1



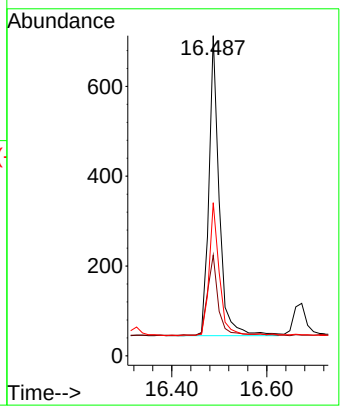


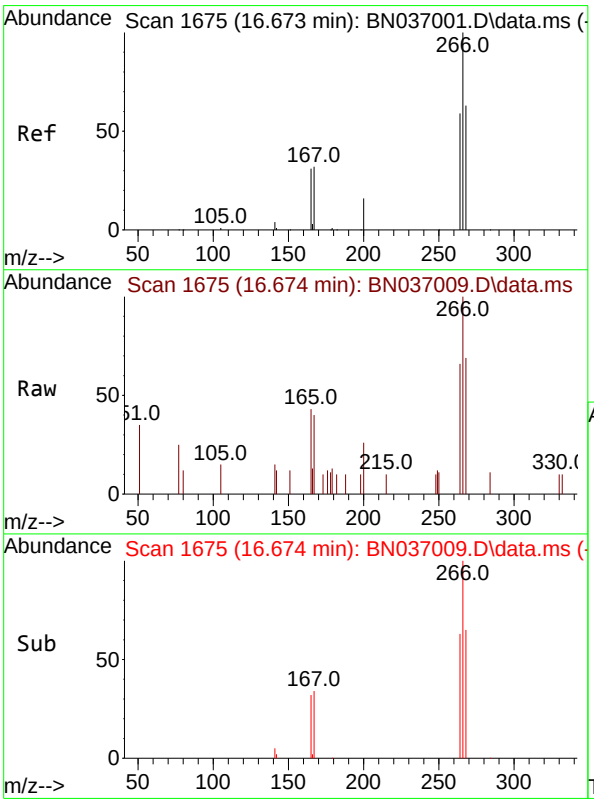
#23
Atrazine
Concen: 0.384 ng
RT: 16.487 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037009.D
Acq: 14 May 2025 10:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:200 Resp: 1010

Ion	Ratio	Lower	Upper
200	100		
173	31.4	25.2	37.8
215	47.8	39.3	58.9

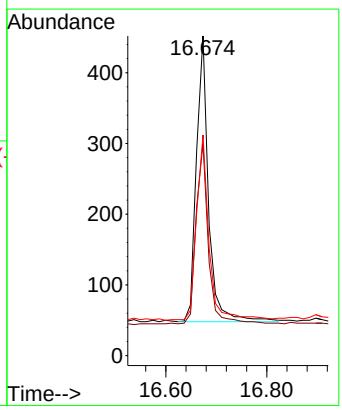


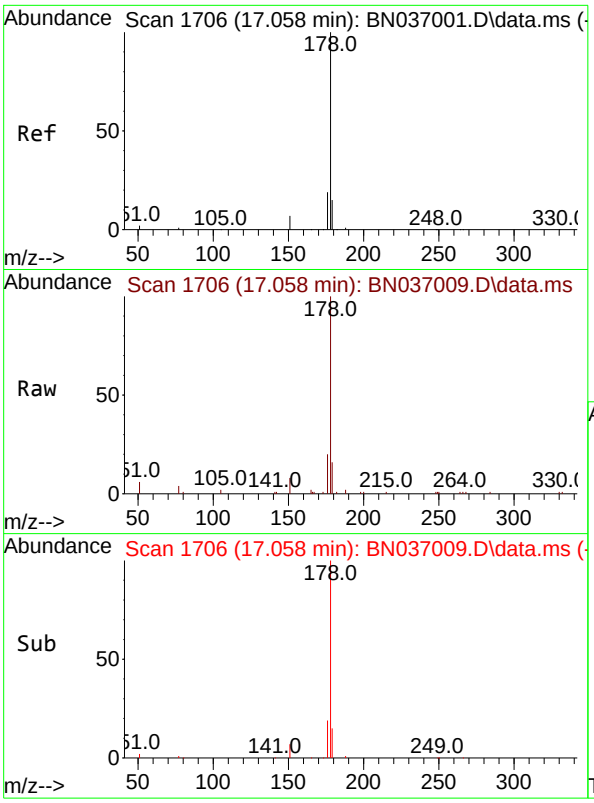


#24
Pentachlorophenol
Concen: 0.381 ng
RT: 16.674 min Scan# 1675
Delta R.T. 0.000 min
Lab File: BN037009.D
Acq: 14 May 2025 10:31

Tgt Ion:266 Resp: 679

Ion	Ratio	Lower	Upper
266	100		
264	63.3	47.9	71.9
268	65.1	50.0	75.0



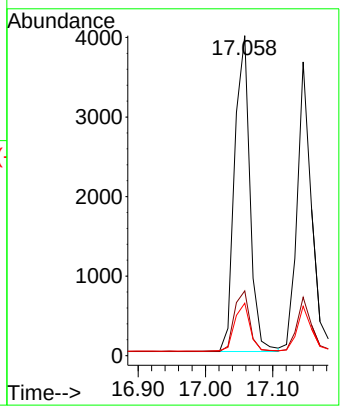


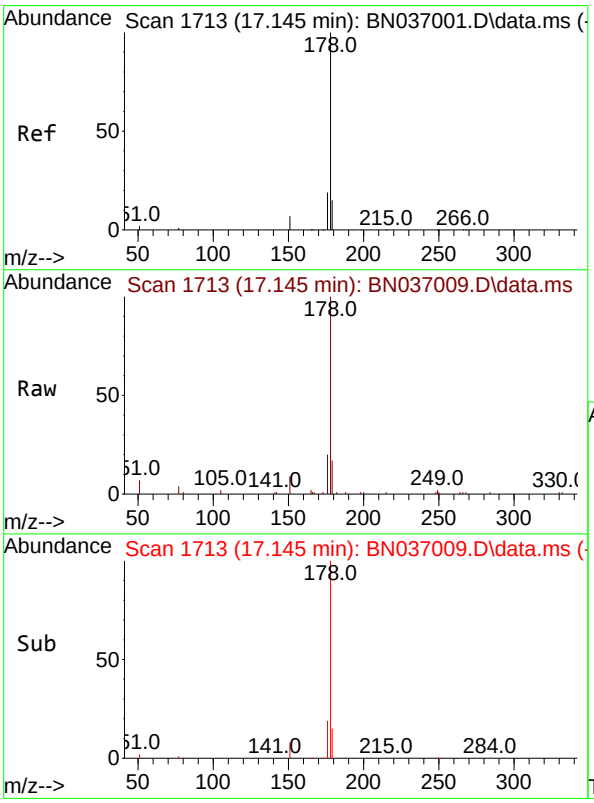
#25
Phenanthrene
Concen: 0.402 ng
RT: 17.058 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037009.D
Acq: 14 May 2025 10:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 6280

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.7	23.5
179	15.3	12.2	18.2

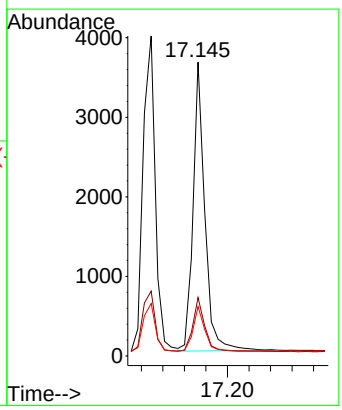


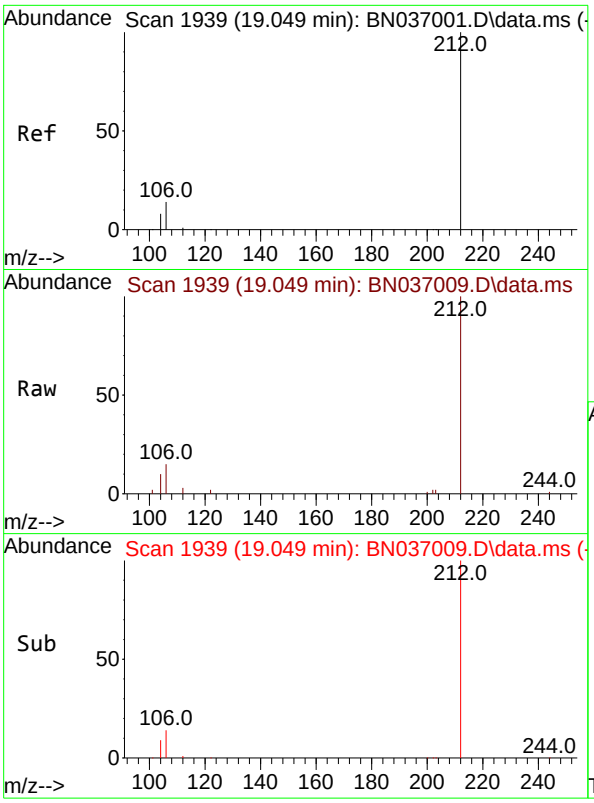


#26
Anthracene
Concen: 0.388 ng
RT: 17.145 min Scan# 1713
Delta R.T. 0.000 min
Lab File: BN037009.D
Acq: 14 May 2025 10:31

Tgt Ion:178 Resp: 5522

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.0	22.6
179	15.2	12.3	18.5



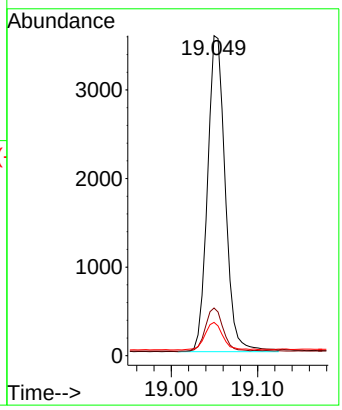


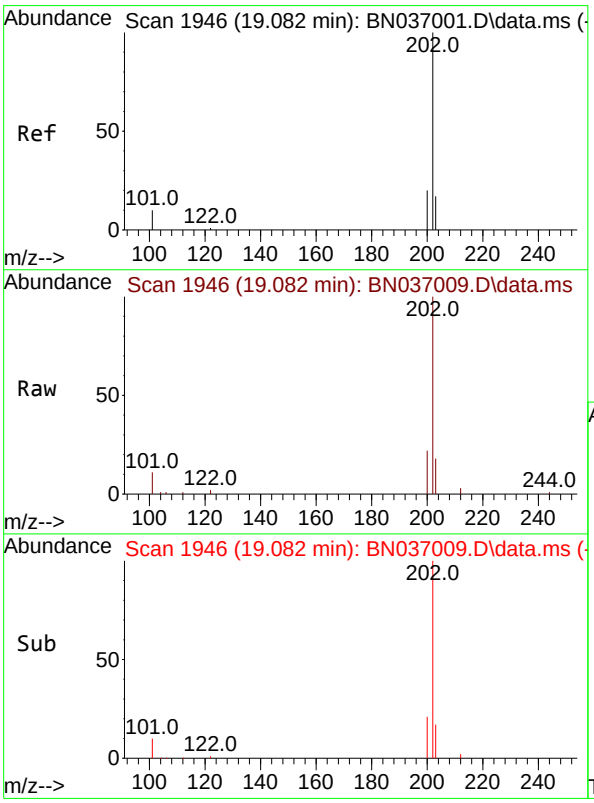
#27
Fluoranthene-d10
Concen: 0.388 ng
RT: 19.049 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037009.D
Acq: 14 May 2025 10:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 5092

Ion	Ratio	Lower	Upper
212	100		
106	13.9	11.3	16.9
104	8.7	6.7	10.1

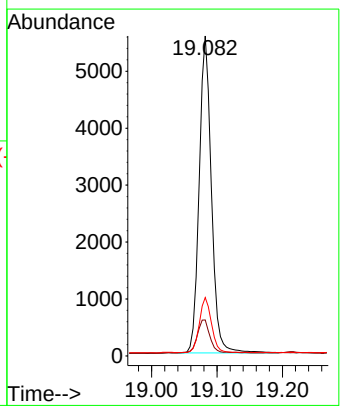


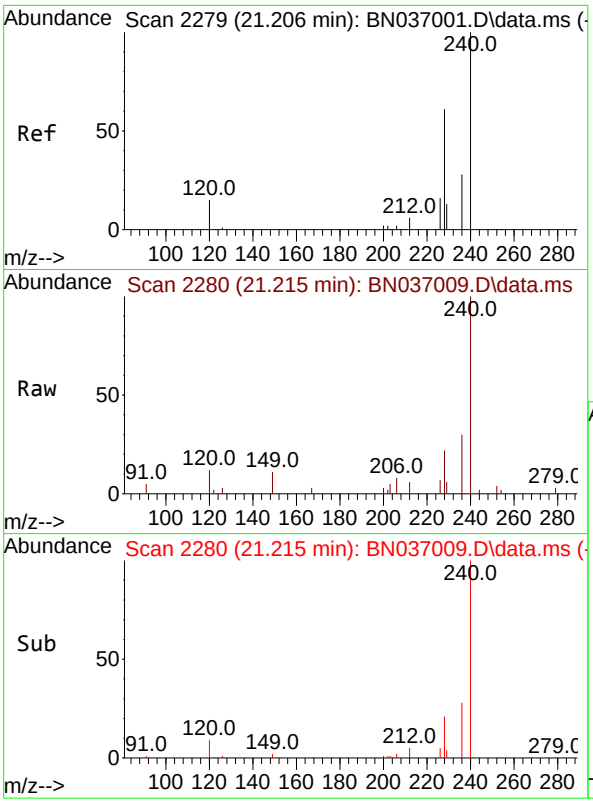


#28
Fluoranthene
Concen: 0.387 ng
RT: 19.082 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BN037009.D
Acq: 14 May 2025 10:31

Tgt Ion:202 Resp: 7218

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.9	13.3
203	17.2	13.8	20.8



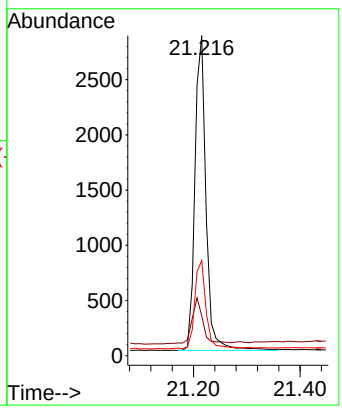


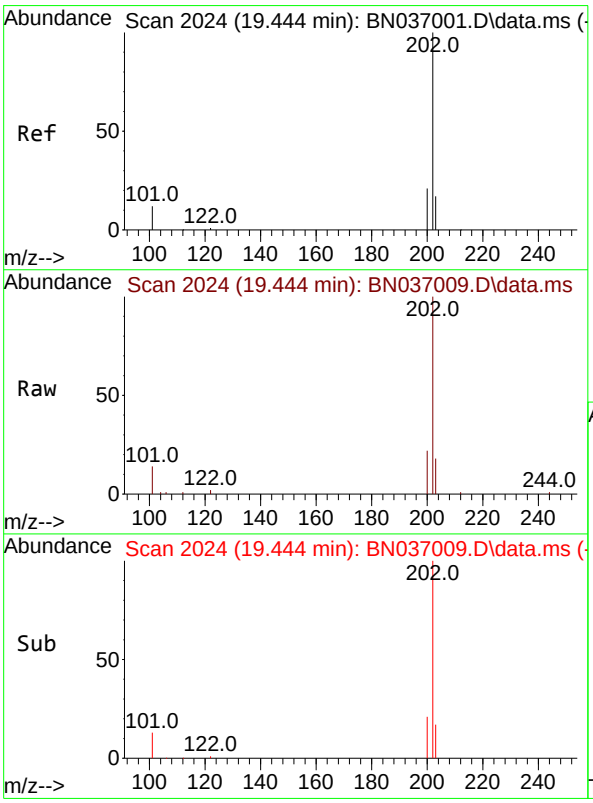
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.215 min Scan# 2
Delta R.T. 0.009 min
Lab File: BN037009.D
Acq: 14 May 2025 10:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 4137

Ion	Ratio	Lower	Upper
240	100		
120	12.5	15.1	22.7#
236	29.8	24.0	36.0

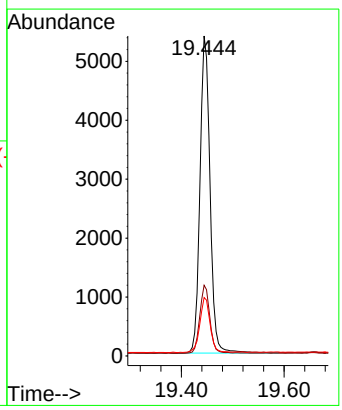


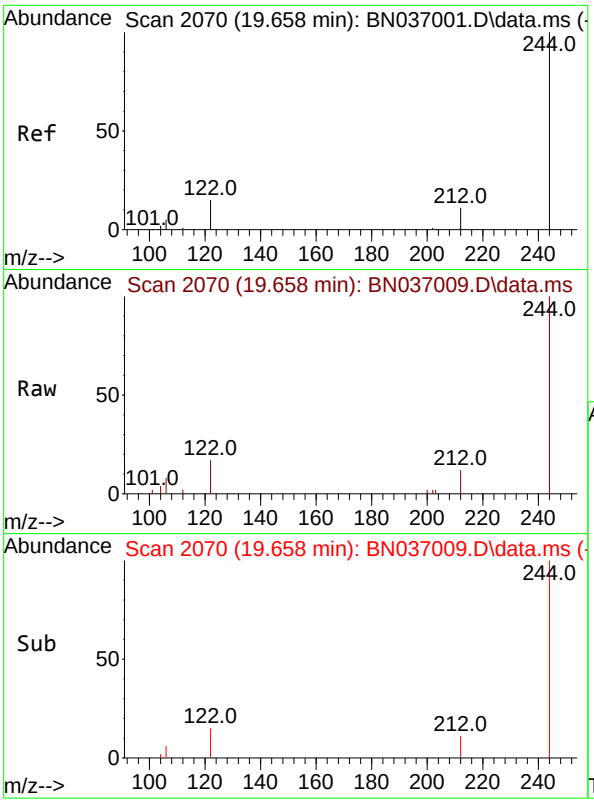


#30
Pyrene
Concen: 0.413 ng
RT: 19.444 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BN037009.D
Acq: 14 May 2025 10:31

Tgt Ion:202 Resp: 7317

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.1	25.7
203	17.7	14.2	21.4



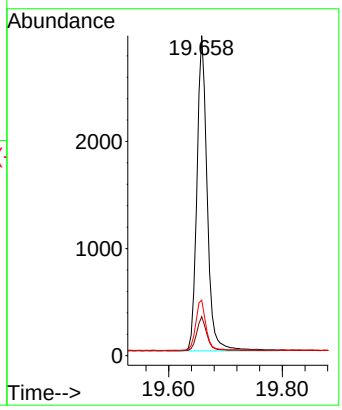


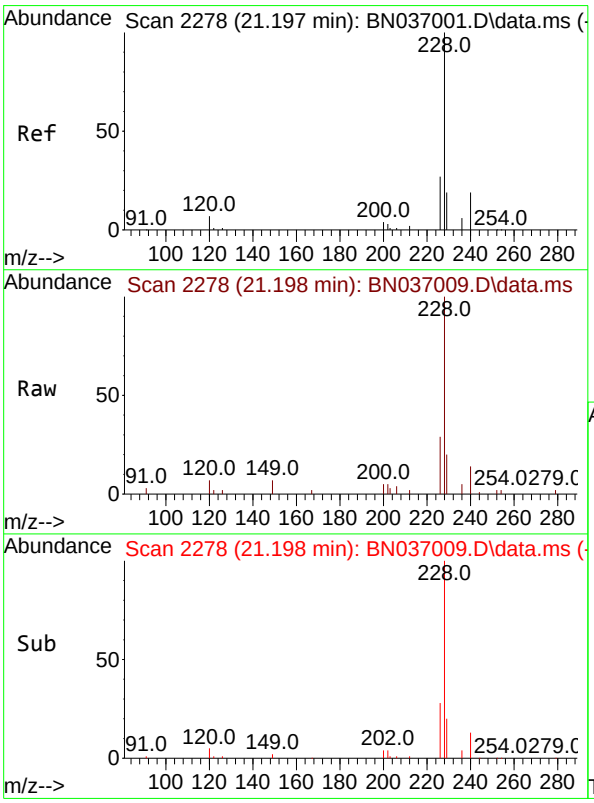
#31
Terphenyl-d14
Concen: 0.417 ng
RT: 19.658 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037009.D
Acq: 14 May 2025 10:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 3691

Ion	Ratio	Lower	Upper
244	100		
212	12.2	9.7	14.5
122	17.3	13.4	20.0

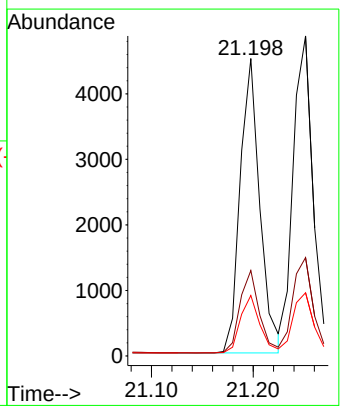


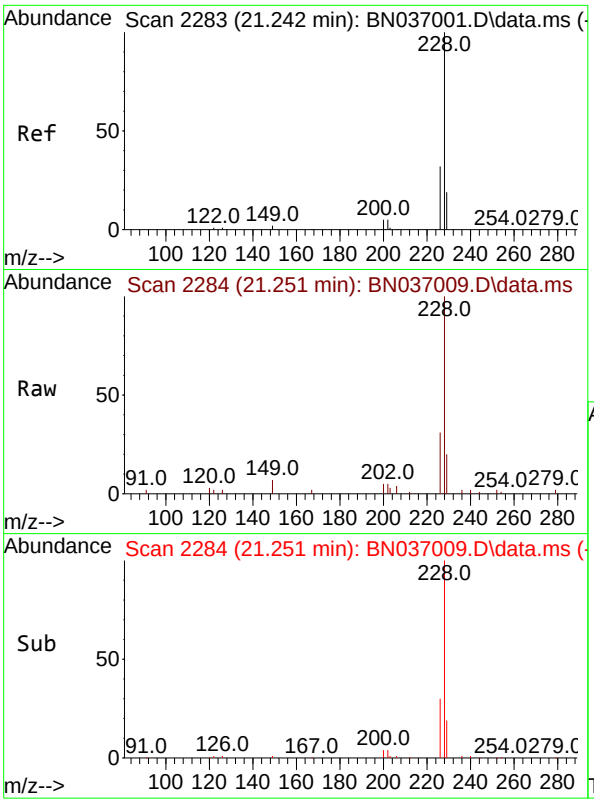


#32
Benzo(a)anthracene
Concen: 0.387 ng
RT: 21.198 min Scan# 2278
Delta R.T. 0.000 min
Lab File: BN037009.D
Acq: 14 May 2025 10:31

Tgt Ion:228 Resp: 6036

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.2	33.4
229	20.4	16.0	24.0



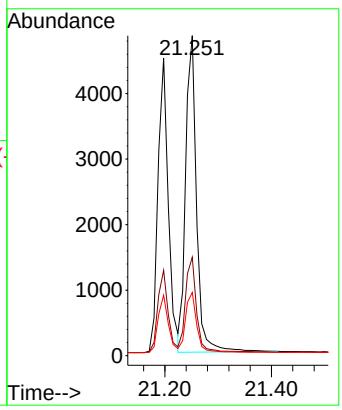


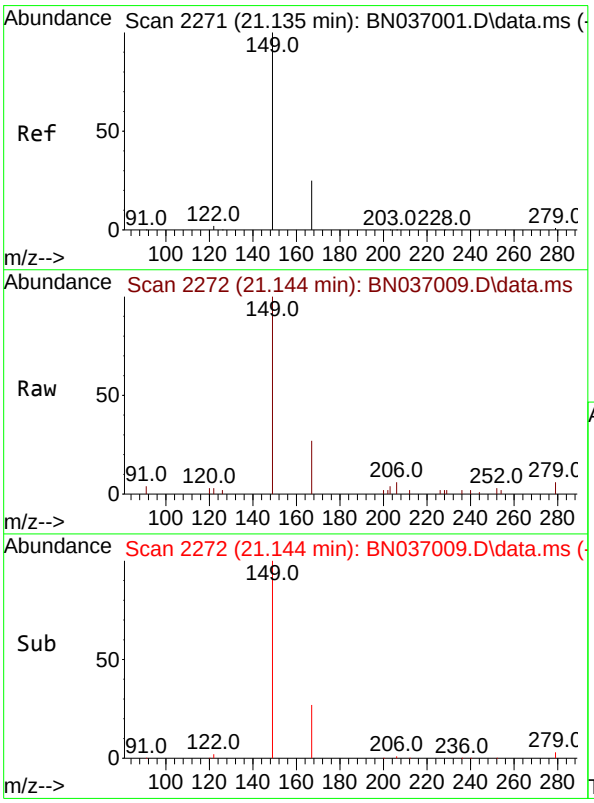
#33
Chrysene
Concen: 0.415 ng
RT: 21.251 min Scan# 2
Delta R.T. 0.009 min
Lab File: BN037009.D
Acq: 14 May 2025 10:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 6845

Ion	Ratio	Lower	Upper
228	100		
226	30.8	26.3	39.5
229	19.8	16.2	24.2

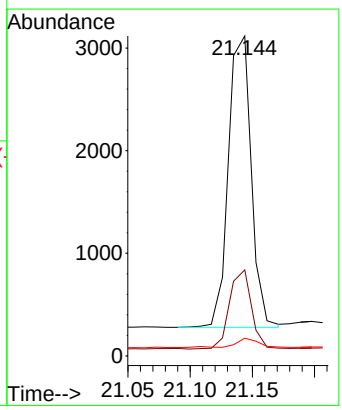


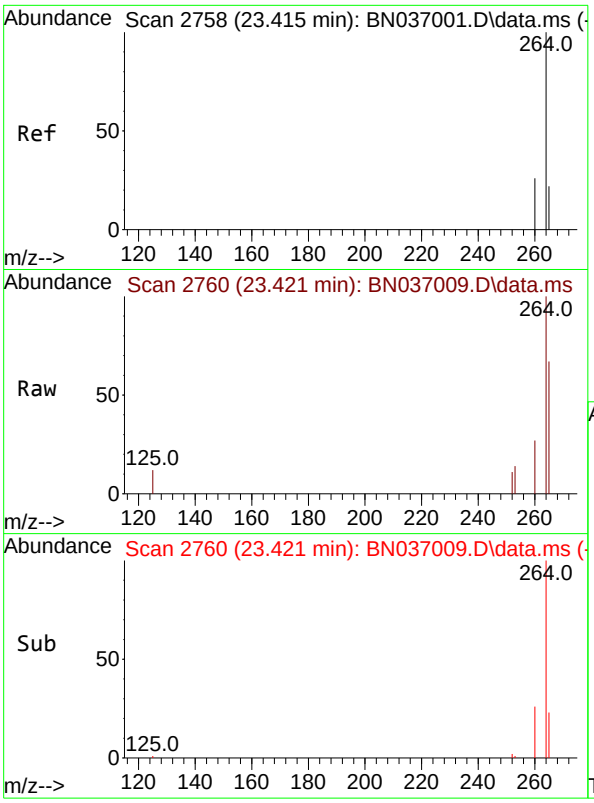


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.378 ng
RT: 21.144 min Scan# 2272
Delta R.T. 0.009 min
Lab File: BN037009.D
Acq: 14 May 2025 10:31

Tgt Ion:149 Resp: 3623

Ion	Ratio	Lower	Upper
149	100		
167	26.2	20.6	30.8
279	3.0	2.6	3.8



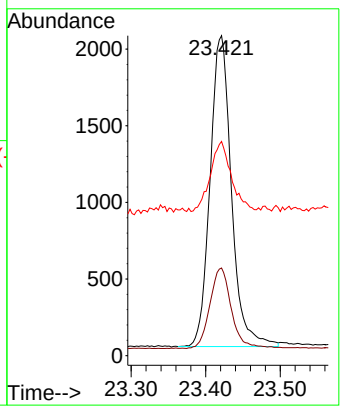


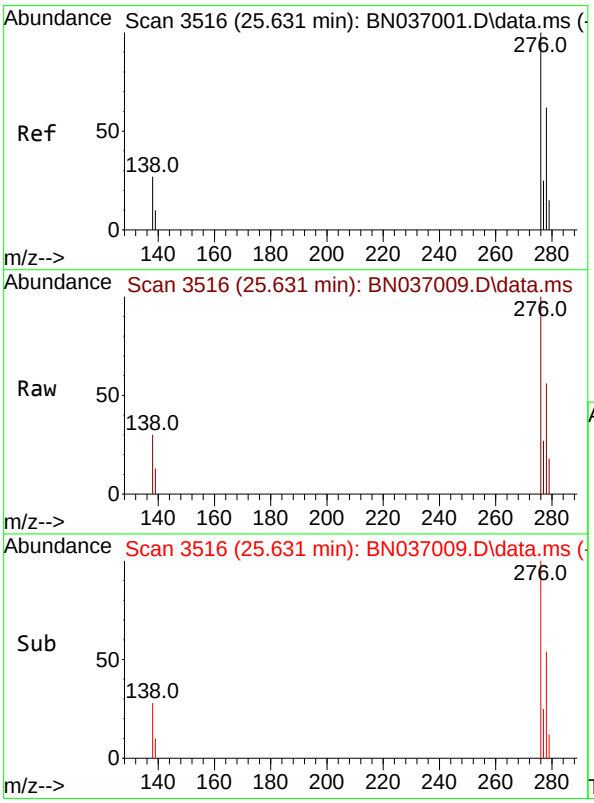
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.421 min Scan# 2
Delta R.T. 0.006 min
Lab File: BN037009.D
Acq: 14 May 2025 10:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 4043

Ion	Ratio	Lower	Upper
264	100		
260	27.4	21.9	32.9
265	67.0	51.6	77.4

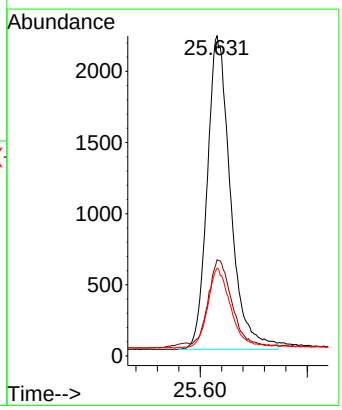


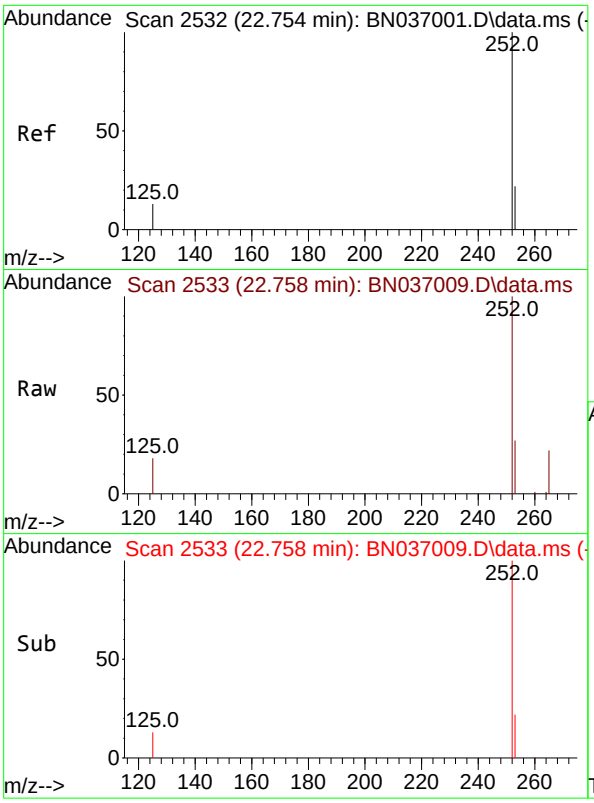


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.402 ng
RT: 25.631 min Scan# 3516
Delta R.T. 0.000 min
Lab File: BN037009.D
Acq: 14 May 2025 10:31

Tgt Ion:276 Resp: 6635

Ion	Ratio	Lower	Upper
276	100		
138	27.6	22.7	34.1
277	24.7	20.0	30.0



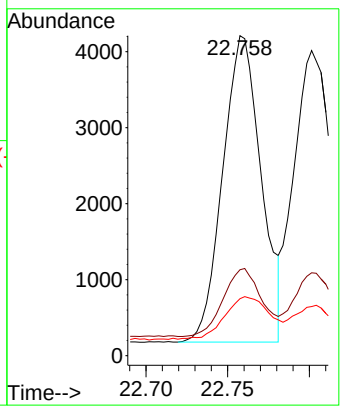


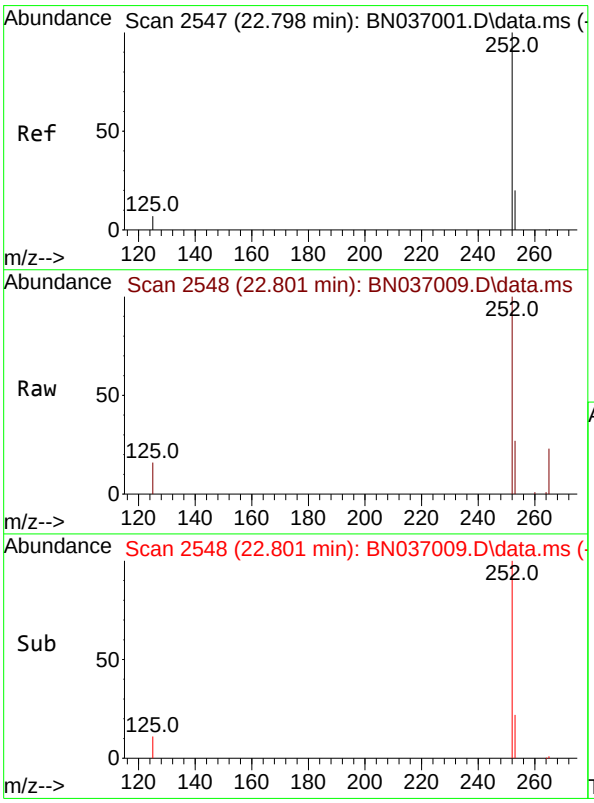
#37
Benzo(b)fluoranthene
Concen: 0.393 ng
RT: 22.758 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN037009.D
Acq: 14 May 2025 10:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 6597

Ion	Ratio	Lower	Upper
252	100		
253	26.8	21.8	32.6
125	17.8	14.6	21.8

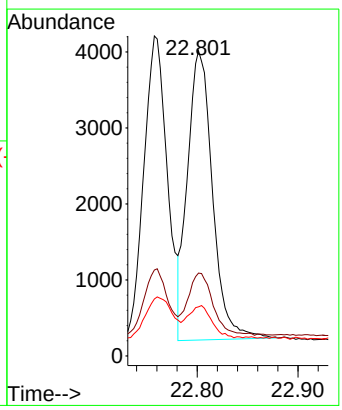


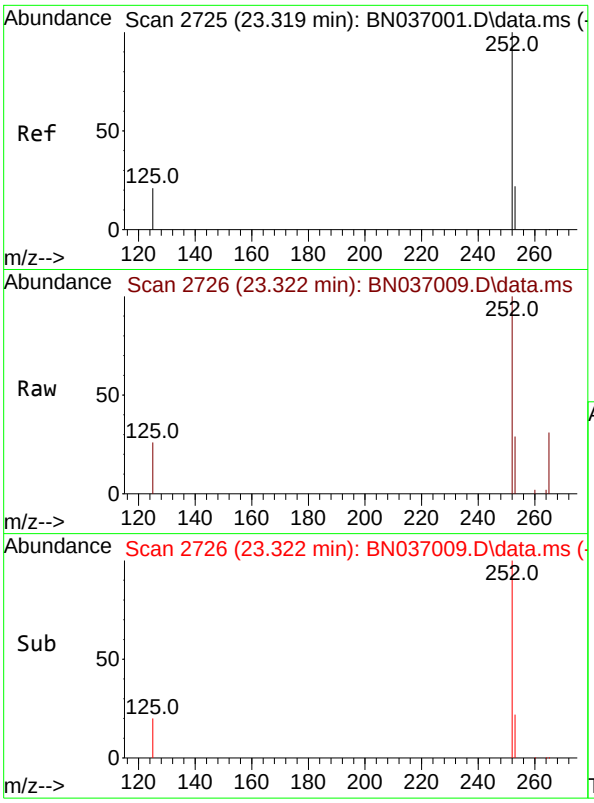


#38
Benzo(k)fluoranthene
Concen: 0.396 ng
RT: 22.801 min Scan# 2548
Delta R.T. 0.003 min
Lab File: BN037009.D
Acq: 14 May 2025 10:31

Tgt Ion:252 Resp: 6556

Ion	Ratio	Lower	Upper
252	100		
253	27.2	21.4	32.2
125	16.1	13.0	19.4



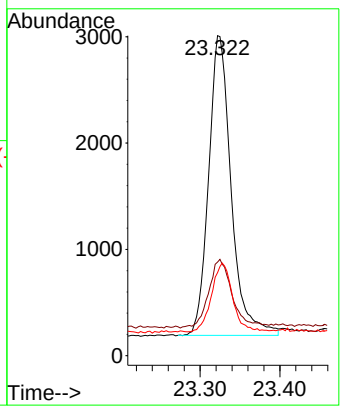


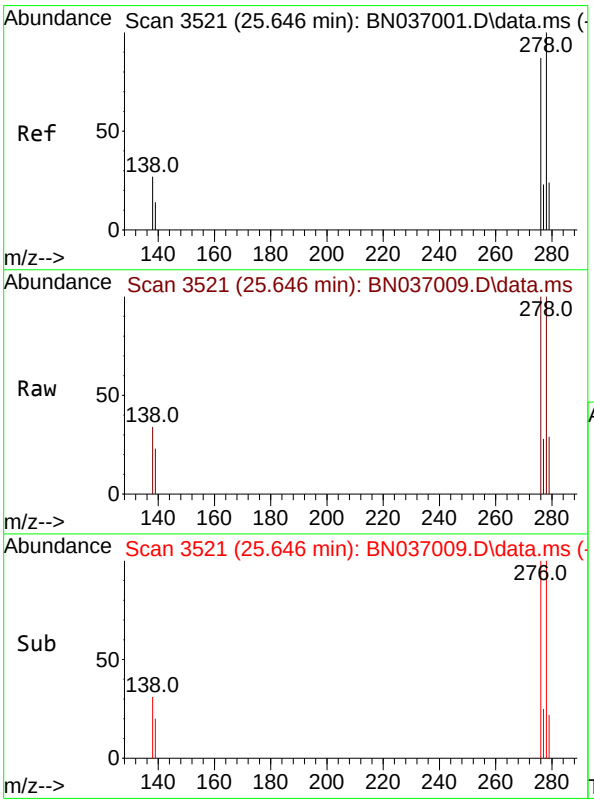
#39
Benzo(a)pyrene
Concen: 0.389 ng
RT: 23.322 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN037009.D
Acq: 14 May 2025 10:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 5536

Ion	Ratio	Lower	Upper
252	100		
253	29.2	23.8	35.6
125	25.9	21.8	32.6

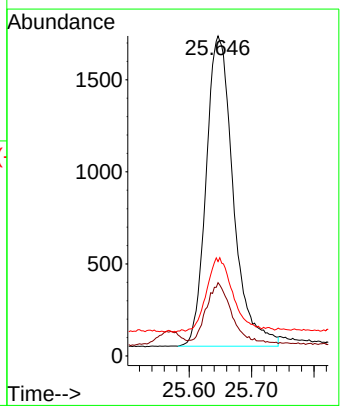


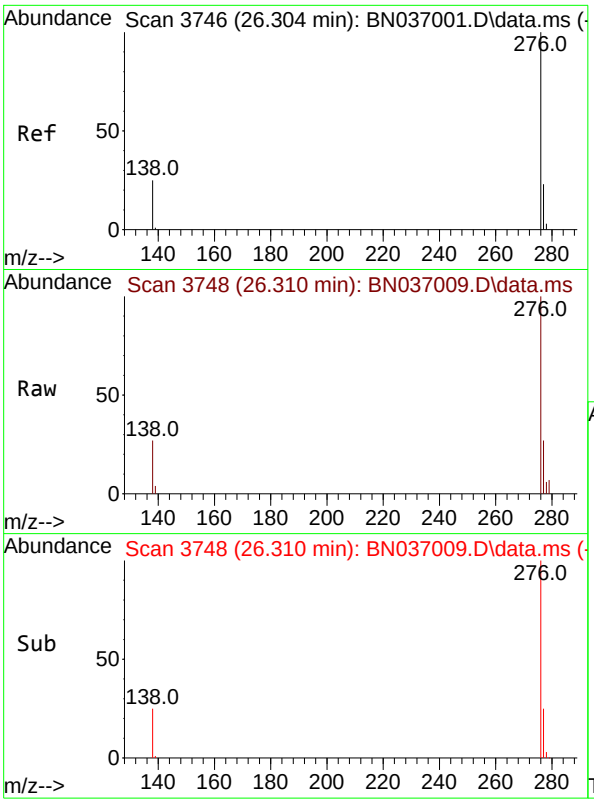


#40
Dibenzo(a,h)anthracene
Concen: 0.396 ng
RT: 25.646 min Scan# 3521
Delta R.T. 0.000 min
Lab File: BN037009.D
Acq: 14 May 2025 10:31

Tgt Ion:278 Resp: 5097

Ion	Ratio	Lower	Upper
278	100		
139	22.9	17.4	26.0
279	29.5	24.6	37.0





#41
Benzo(g,h,i)perylene
Concen: 0.412 ng
RT: 26.310 min Scan# 3
Delta R.T. 0.006 min
Lab File: BN037009.D
Acq: 14 May 2025 10:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 5763

Ion	Ratio	Lower	Upper
276	100		
277	27.1	20.2	30.4
138	27.3	22.0	33.0