Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072225\
Data File : BN037532.D
Acq On : 22 Jul 2025 10:51
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jul 22 11:15:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 19 01:46:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.717	152	2751	0.400	ng		0.00
7) Naphthalene-d8	10.498	136	7206	0.400	ng		-0.01
13) Acenaphthene-d10	14.355	164	3790	0.400	ng		0.00
19) Phenanthrene-d10	17.086	188	7043	0.400	ng		#-0.01
29) Chrysene-d12	21.277	240	6014	0.400	ng		0.00
35) Perylene-d12	23.513	264	5778	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.305	112	2652	0.390	ng		0.00
5) Phenol-d6	6.879	99	3282	0.385	ng		0.00
8) Nitrobenzene-d5	8.854	82	1931	0.358	ng		-0.01
11) 2-Methylnaphthalene-d10	12.095	152	3783	0.366	ng		0.00
14) 2,4,6-Tribromophenol	15.833	330	553	0.297	ng		-0.01
15) 2-Fluorobiphenyl	12.978	172	7991	0.405	ng		0.00
27) Fluoranthene-d10	19.122	212	6491	0.348	ng		0.00
31) Terphenyl-d14	19.726	244	4509	0.349	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	1135	0.429	ng		93
3) n-Nitrosodimethylamine	3.543	42	1226	0.369	ng	#	97
6) bis(2-Chloroethyl)ether	7.146	93	2858	0.402	ng		99
9) Naphthalene	10.551	128	7455	0.388	ng		100
10) Hexachlorobutadiene	10.850	225	1651	0.389	ng	#	99
12) 2-Methylnaphthalene	12.166	142	4760	0.377	ng		99
16) Acenaphthylene	14.067	152	6666	0.393	ng		100
17) Acenaphthene	14.409	154	4419	0.383	ng		99
18) Fluorene	15.403	166	5599	0.377	ng		100
20) 4,6-Dinitro-2-methylph...	15.467	198	281	0.385	ng		86
21) 4-Bromophenyl-phenylether	16.292	248	1722	0.382	ng	#	90
22) Hexachlorobenzene	16.404	284	2345	0.402	ng		99
23) Atrazine	16.565	200	919	0.292	ng		98
24) Pentachlorophenol	16.739	266	796	0.304	ng		97
25) Phenanthrene	17.136	178	8137	0.386	ng		100
26) Anthracene	17.223	178	7179	0.373	ng		100
28) Fluoranthene	19.155	202	8766	0.360	ng		100
30) Pyrene	19.513	202	8728	0.360	ng		100
32) Benzo(a)anthracene	21.259	228	7938	0.377	ng		100
33) Chrysene	21.313	228	9201	0.420	ng		99
34) Bis(2-ethylhexyl)phtha...	21.214	149	2745	0.290	ng		98
36) Indeno(1,2,3-cd)pyrene	25.779	276	9143	0.380	ng		99
37) Benzo(b)fluoranthene	22.841	252	7956	0.363	ng		99
38) Benzo(k)fluoranthene	22.885	252	8593	0.380	ng		97
39) Benzo(a)pyrene	23.417	252	7309	0.399	ng		98
40) Dibenzo(a,h)anthracene	25.794	278	6954	0.357	ng		97
41) Benzo(g,h,i)perylene	26.466	276	7290	0.361	ng		99

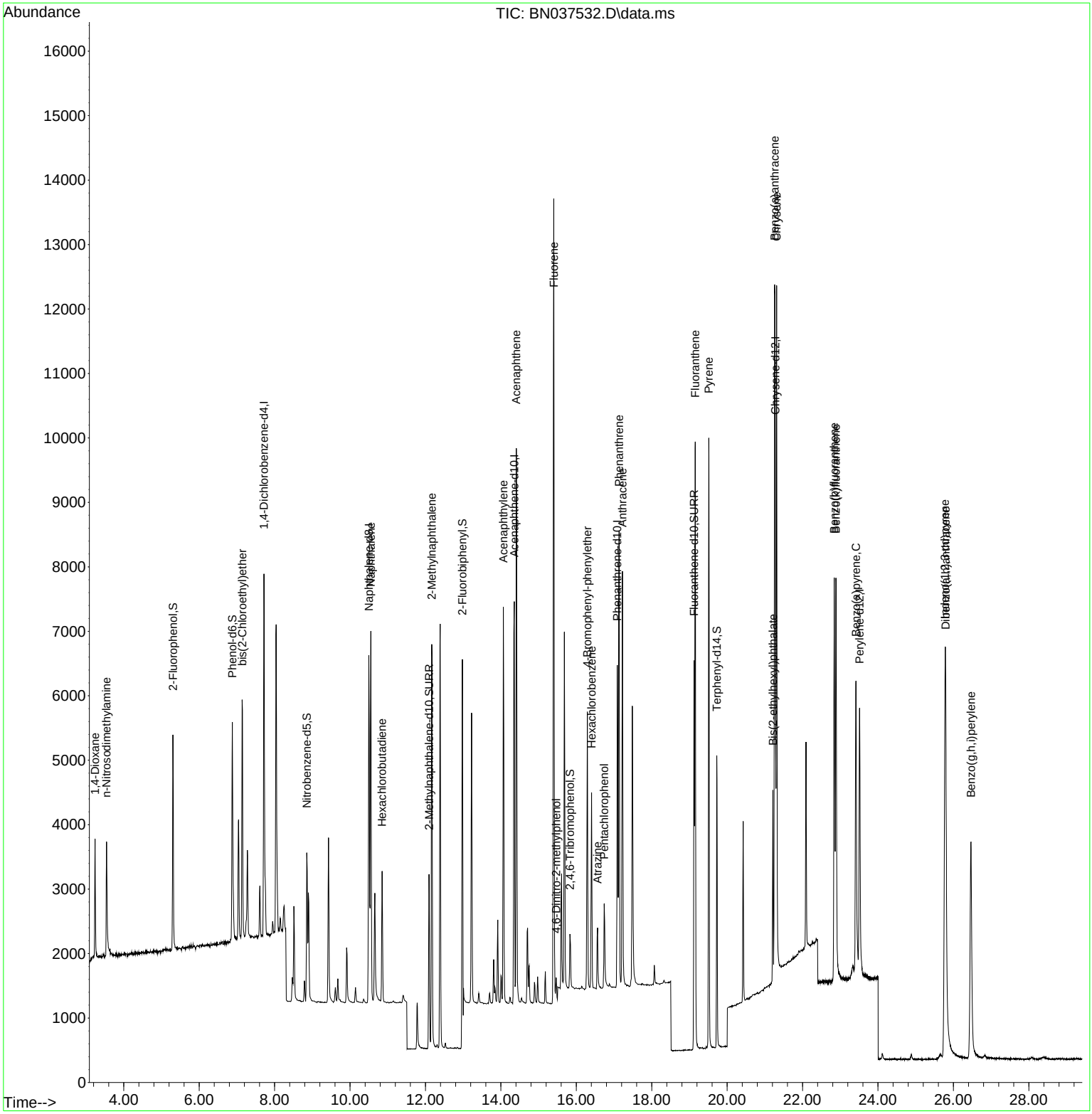
(#) = qualifier out of range (m) = manual integration (+) = signals summed

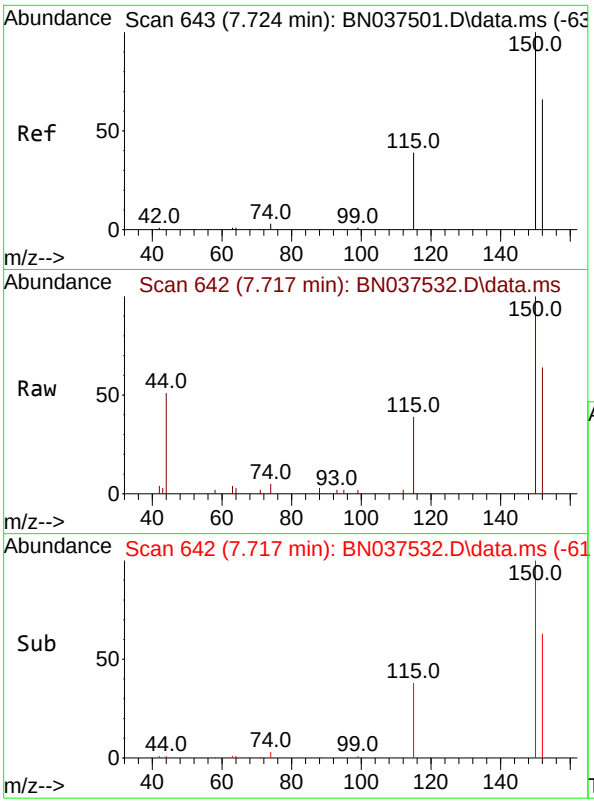
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072225\
Data File : BN037532.D
Acq On : 22 Jul 2025 10:51
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jul 22 11:15:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 19 01:46:16 2025
Response via : Initial Calibration



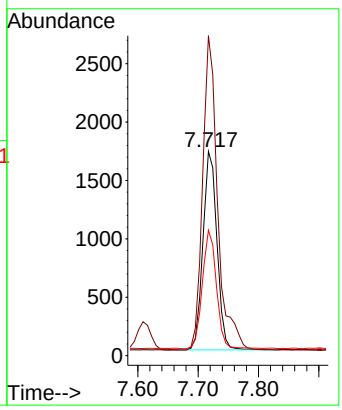


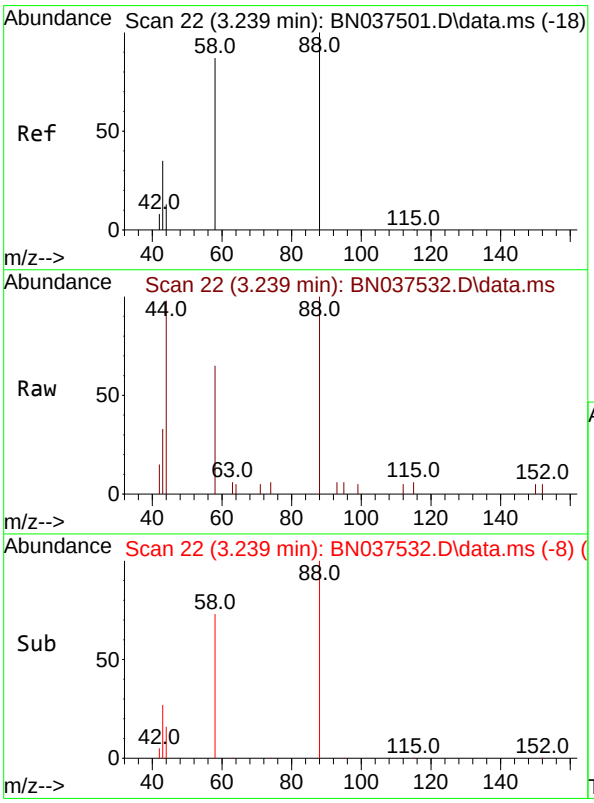
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN037532.D
Acq: 22 Jul 2025 10:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 2751

Ion	Ratio	Lower	Upper
152	100		
150	156.7	119.8	179.8
115	61.4	49.1	73.7

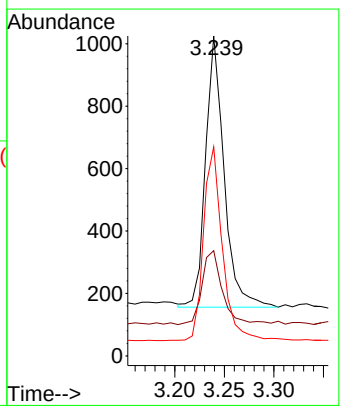


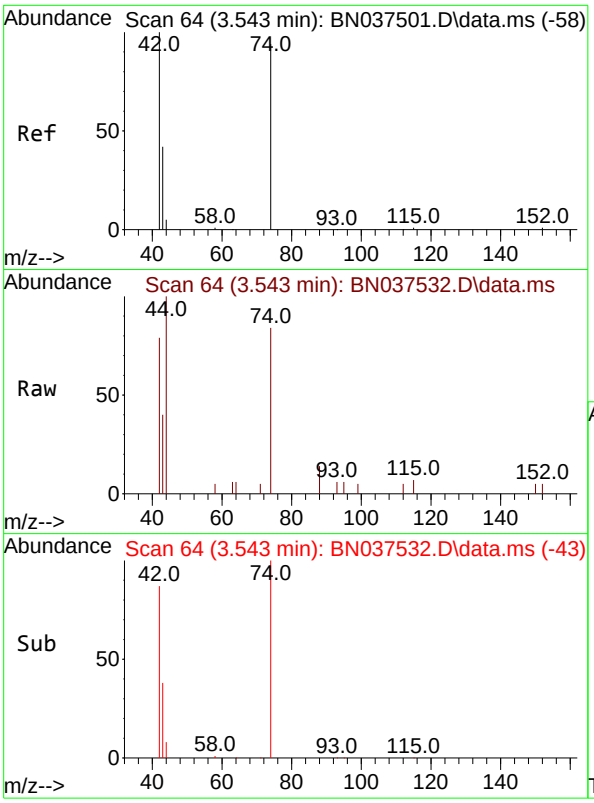


#2
1,4-Dioxane
Concen: 0.429 ng
RT: 3.239 min Scan# 22
Delta R.T. -0.000 min
Lab File: BN037532.D
Acq: 22 Jul 2025 10:51

Tgt Ion: 88 Resp: 1135

Ion	Ratio	Lower	Upper
88	100		
43	30.3	27.5	41.3
58	72.5	62.7	94.1



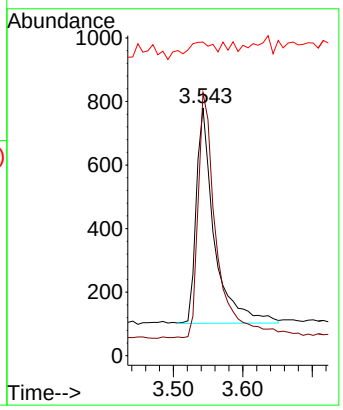


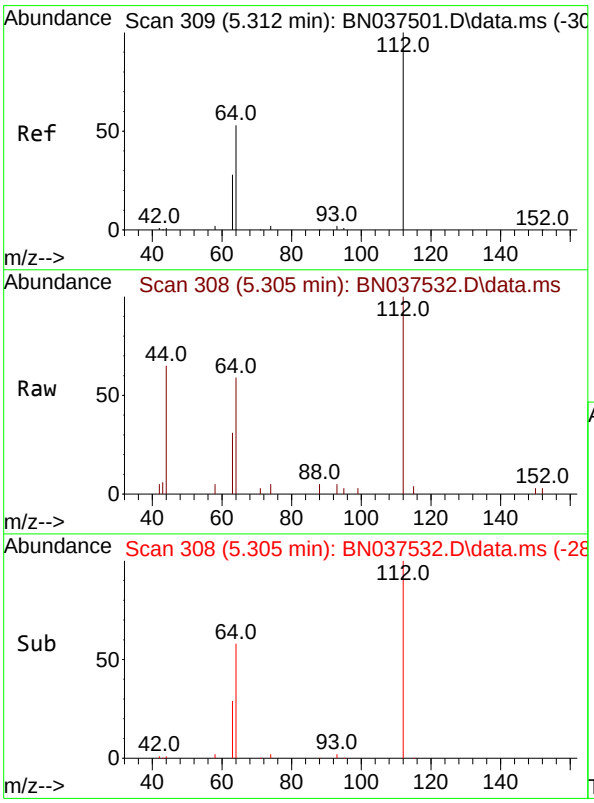
#3
n-Nitrosodimethylamine
Concen: 0.369 ng
RT: 3.543 min Scan# 64
Delta R.T. -0.000 min
Lab File: BN037532.D
Acq: 22 Jul 2025 10:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1226

Ion	Ratio	Lower	Upper
42	100		
74	115.9	91.8	137.6
44	13.2	15.0	22.6#

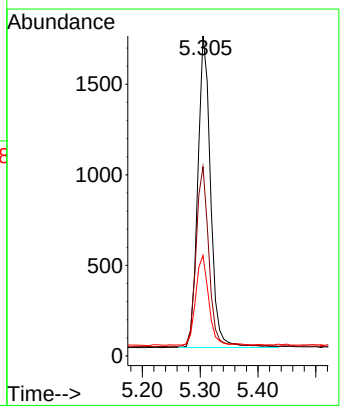


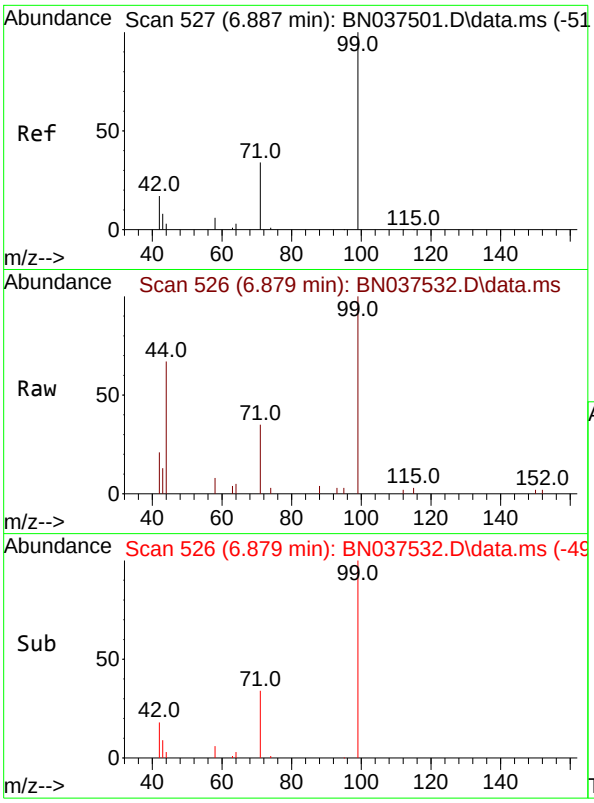


#4
2-Fluorophenol
Concen: 0.390 ng
RT: 5.305 min Scan# 308
Delta R.T. -0.007 min
Lab File: BN037532.D
Acq: 22 Jul 2025 10:51

Tgt Ion:112 Resp: 2652

Ion	Ratio	Lower	Upper
112	100		
64	58.3	45.1	67.7
63	28.8	23.8	35.8



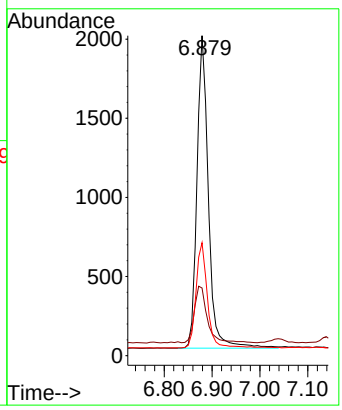


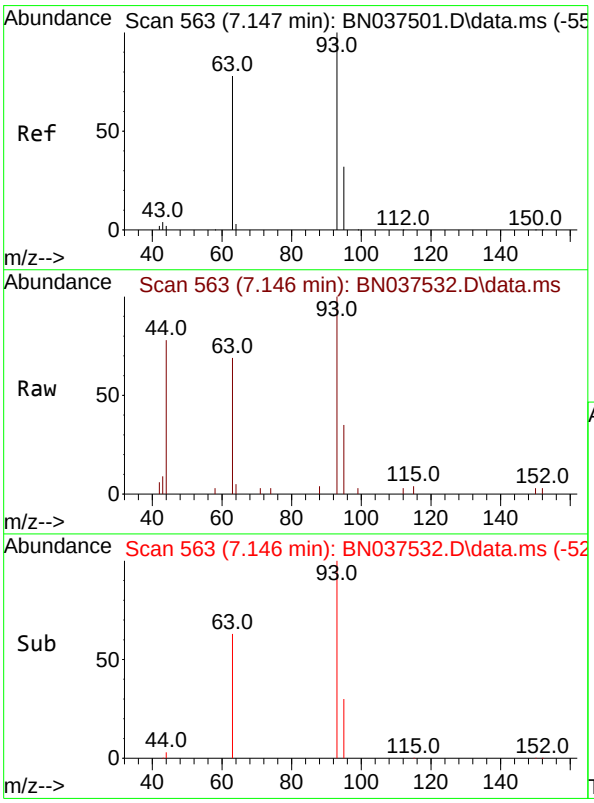
#5
Phenol-d6
Concen: 0.385 ng
RT: 6.879 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN037532.D
Acq: 22 Jul 2025 10:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 3282

Ion	Ratio	Lower	Upper
99	100		
42	20.7	17.1	25.7
71	33.7	27.8	41.8

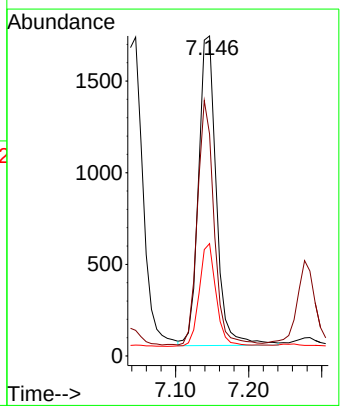


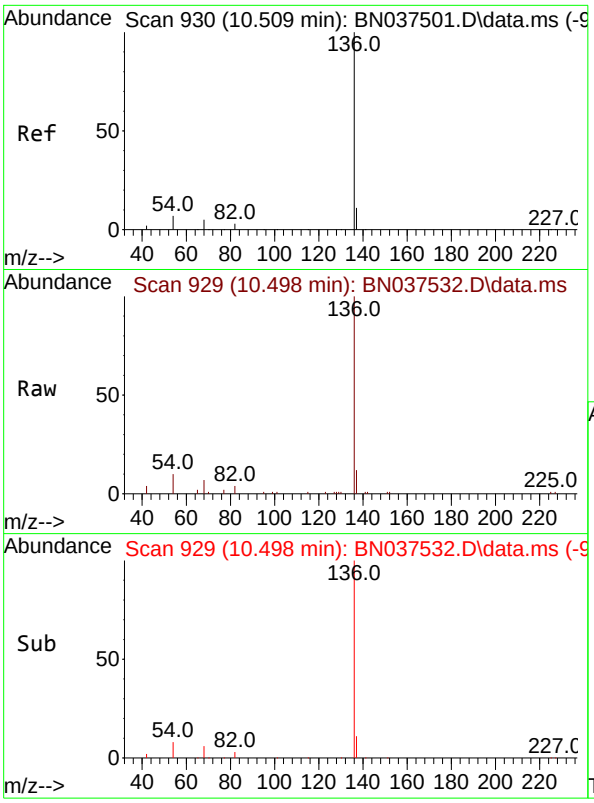


#6
bis(2-Chloroethyl)ether
Concen: 0.402 ng
RT: 7.146 min Scan# 563
Delta R.T. -0.000 min
Lab File: BN037532.D
Acq: 22 Jul 2025 10:51

Tgt Ion: 93 Resp: 2858

Ion	Ratio	Lower	Upper
93	100		
63	73.2	58.2	87.4
95	31.9	25.3	37.9



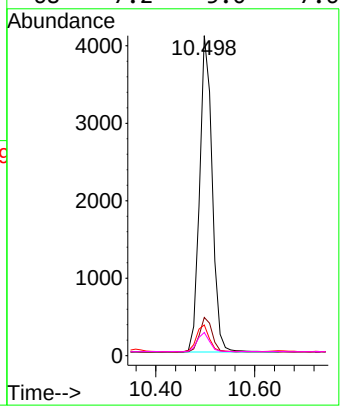


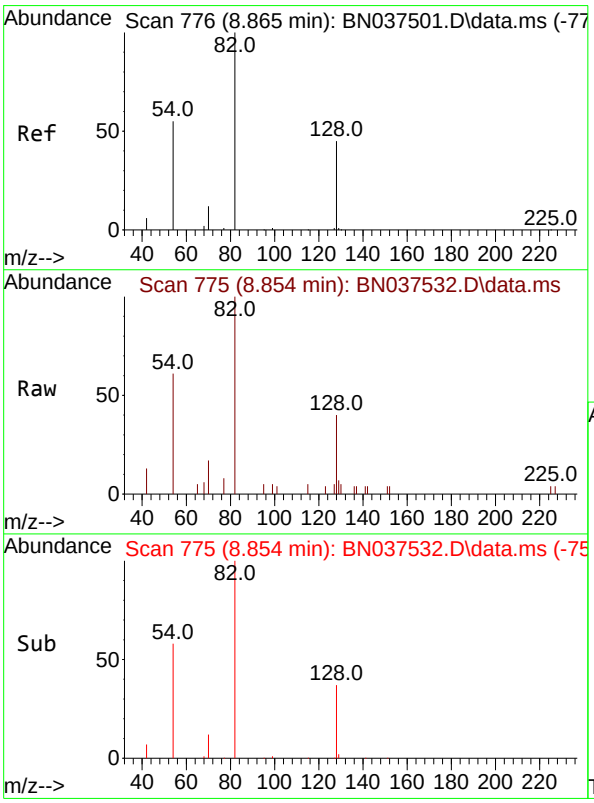
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN037532.D
Acq: 22 Jul 2025 10:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 7206

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.8	14.8
54	9.6	6.6	9.8
68	7.2	5.0	7.6

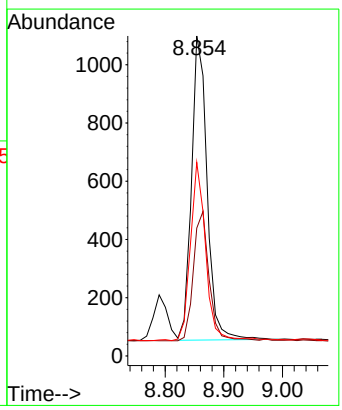


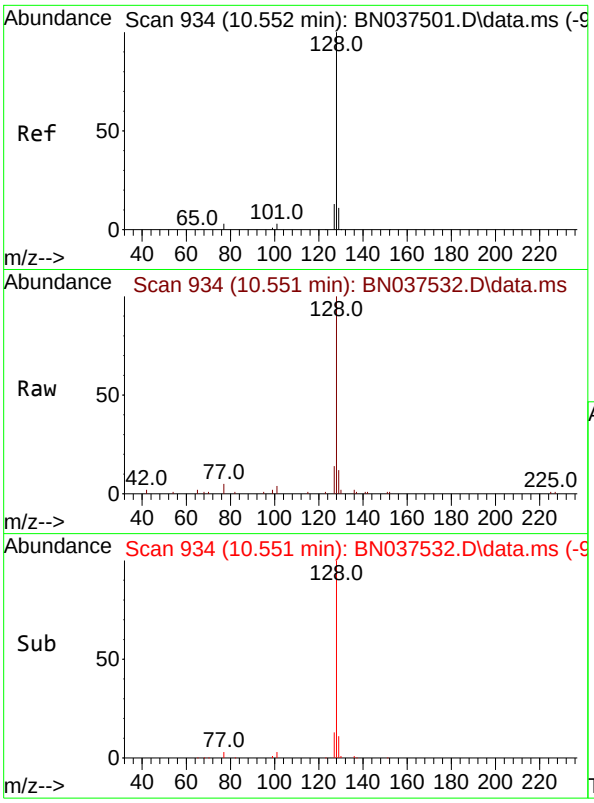


#8
Nitrobenzene-d5
Concen: 0.358 ng
RT: 8.854 min Scan# 775
Delta R.T. -0.011 min
Lab File: BN037532.D
Acq: 22 Jul 2025 10:51

Tgt Ion: 82 Resp: 1931

Ion	Ratio	Lower	Upper
82	100		
128	39.9	37.5	56.3
54	60.5	45.3	67.9



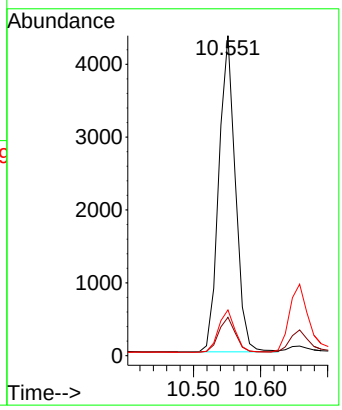


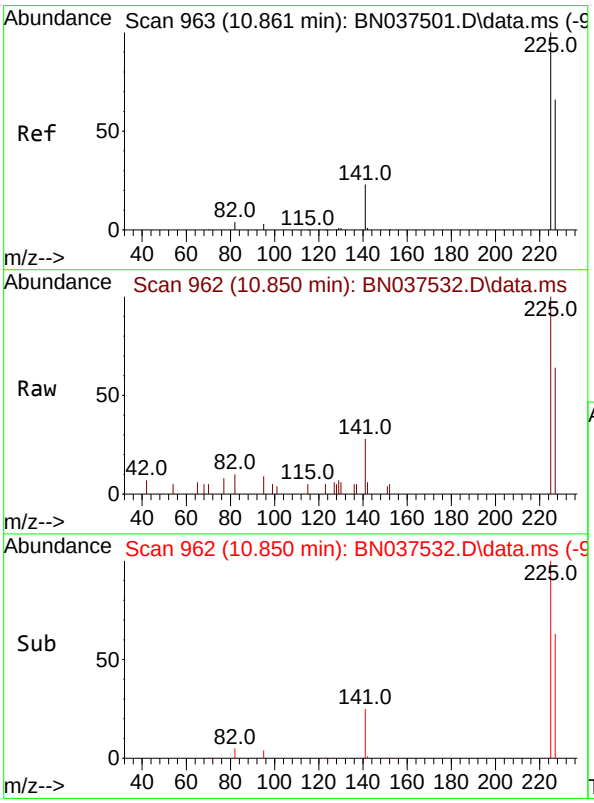
#9
Naphthalene
Concen: 0.388 ng
RT: 10.551 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN037532.D
Acq: 22 Jul 2025 10:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 7455

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.7	14.5
127	14.3	11.5	17.3

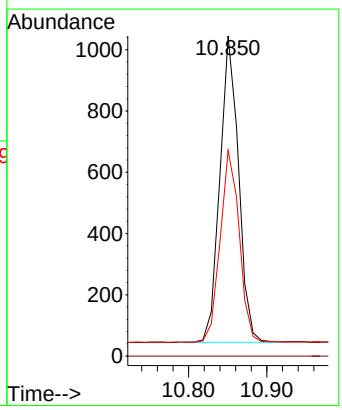


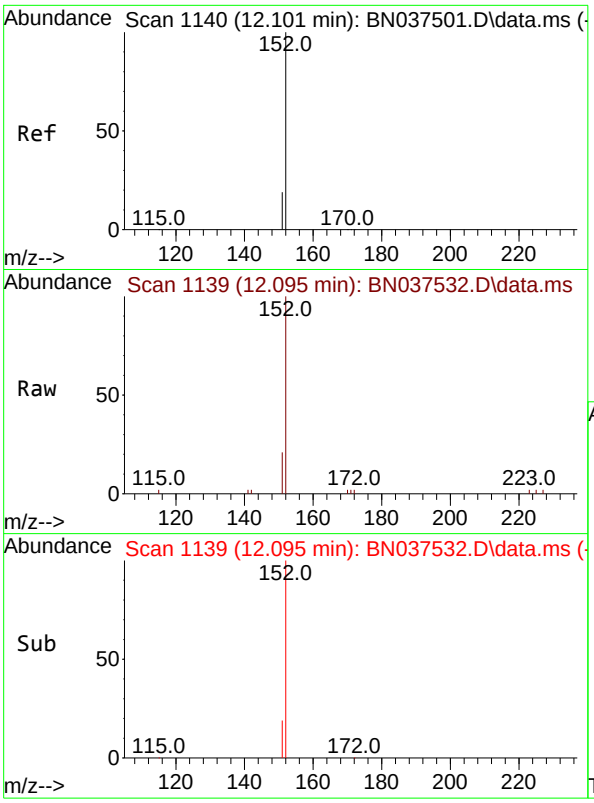


#10
Hexachlorobutadiene
Concen: 0.389 ng
RT: 10.850 min Scan# 962
Delta R.T. -0.011 min
Lab File: BN037532.D
Acq: 22 Jul 2025 10:51

Tgt Ion:225 Resp: 1651

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.3	51.0	76.4



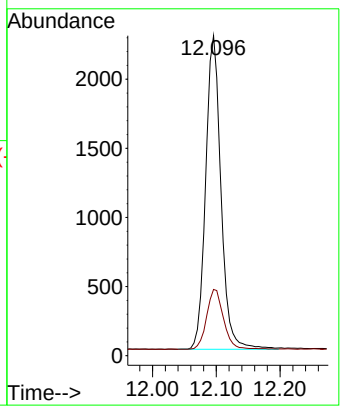


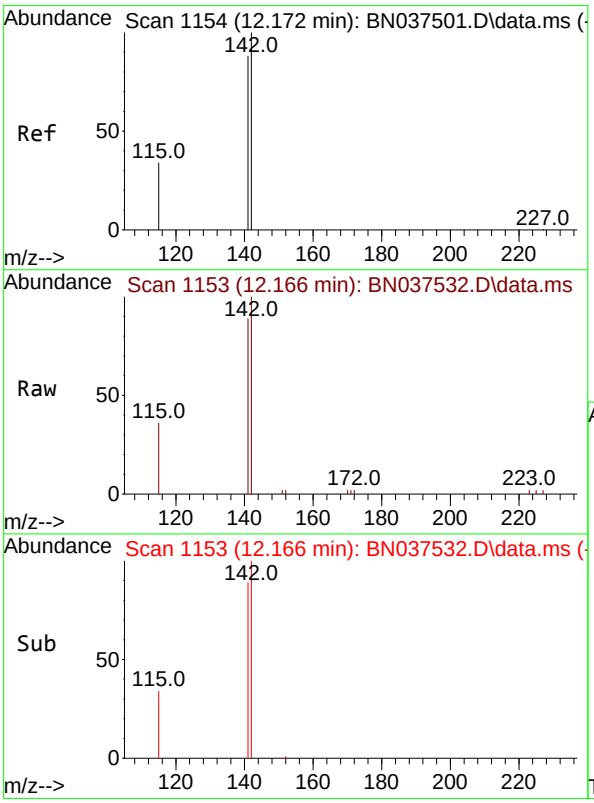
#11
2-Methylnaphthalene-d10
Concen: 0.366 ng
RT: 12.095 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037532.D
Acq: 22 Jul 2025 10:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 3783

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.8	25.2

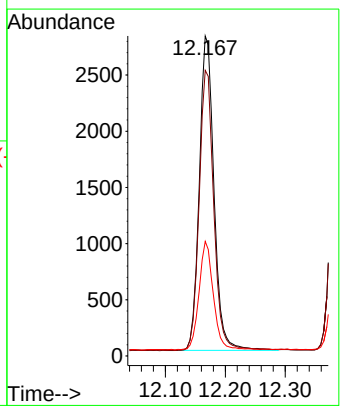


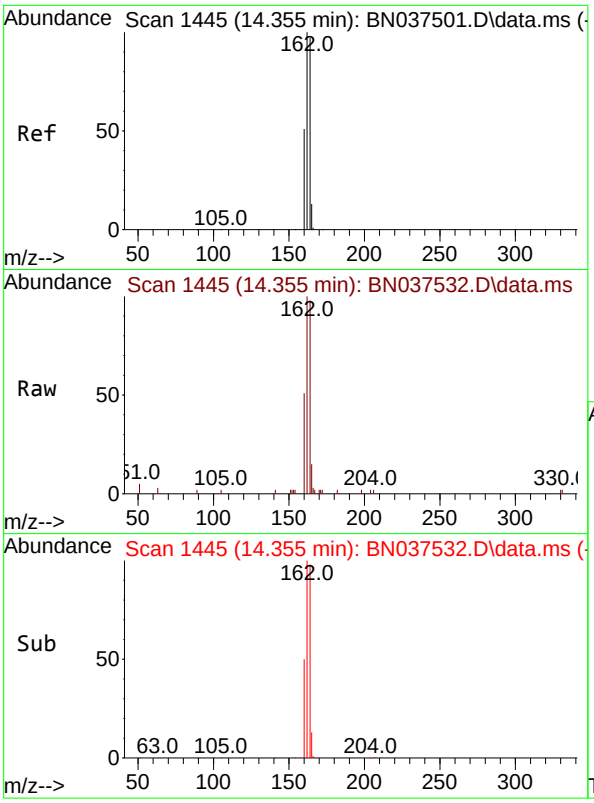


#12
2-Methylnaphthalene
Concen: 0.377 ng
RT: 12.166 min Scan# 1153
Delta R.T. -0.005 min
Lab File: BN037532.D
Acq: 22 Jul 2025 10:51

Tgt Ion:142 Resp: 4760

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.0	106.4
115	35.8	29.0	43.4



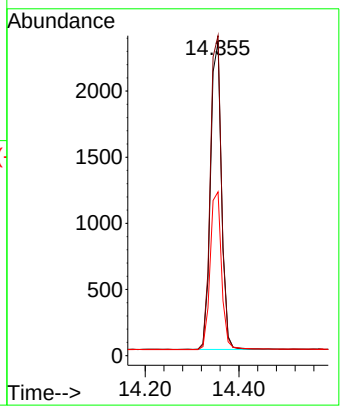


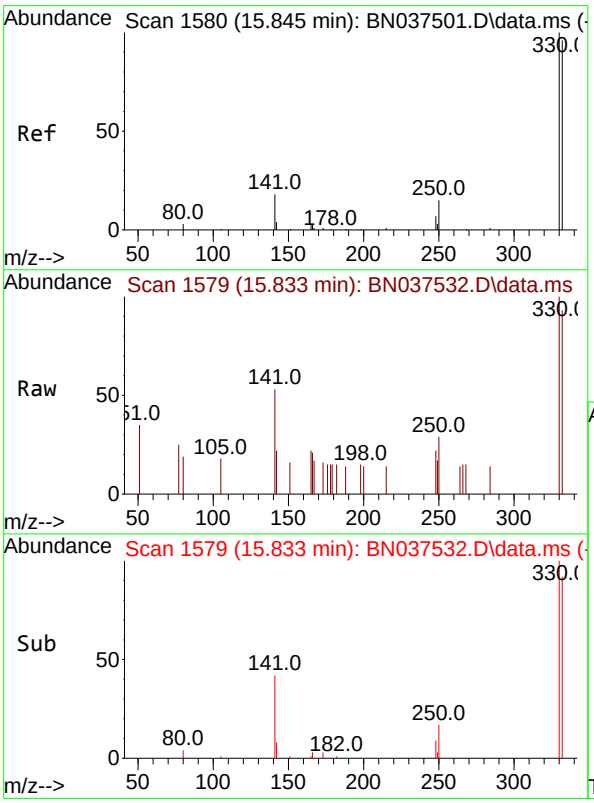
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.355 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN037532.D
Acq: 22 Jul 2025 10:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 3790

Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.0	123.0
160	52.3	42.4	63.6

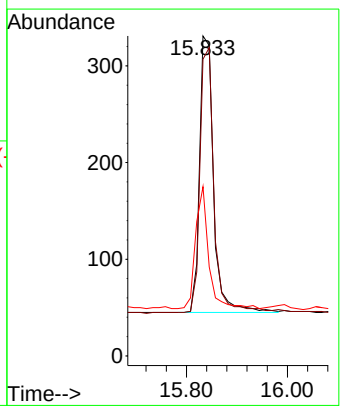


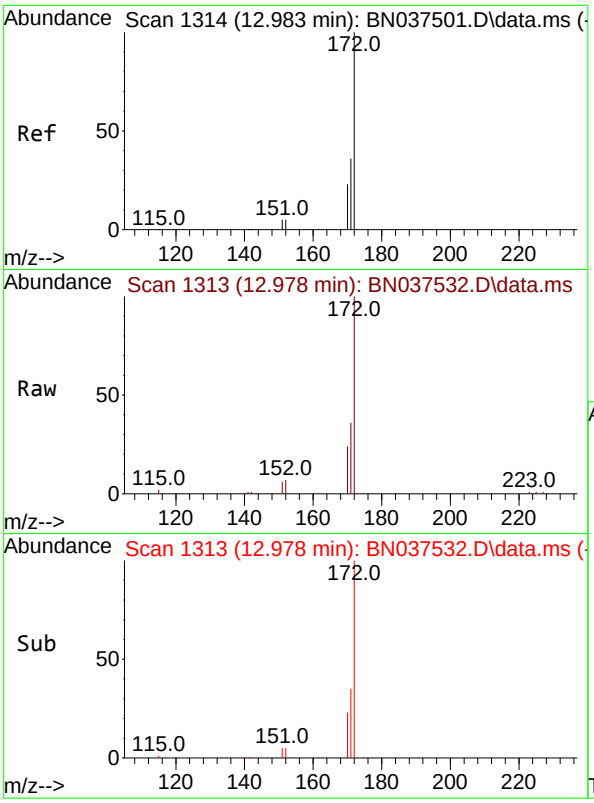


#14
2,4,6-Tribromophenol
Concen: 0.297 ng
RT: 15.833 min Scan# 1579
Delta R.T. -0.013 min
Lab File: BN037532.D
Acq: 22 Jul 2025 10:51

Tgt Ion:330 Resp: 553

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.1	114.1
141	40.9	33.4	50.0



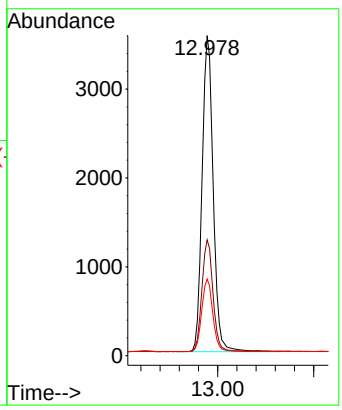


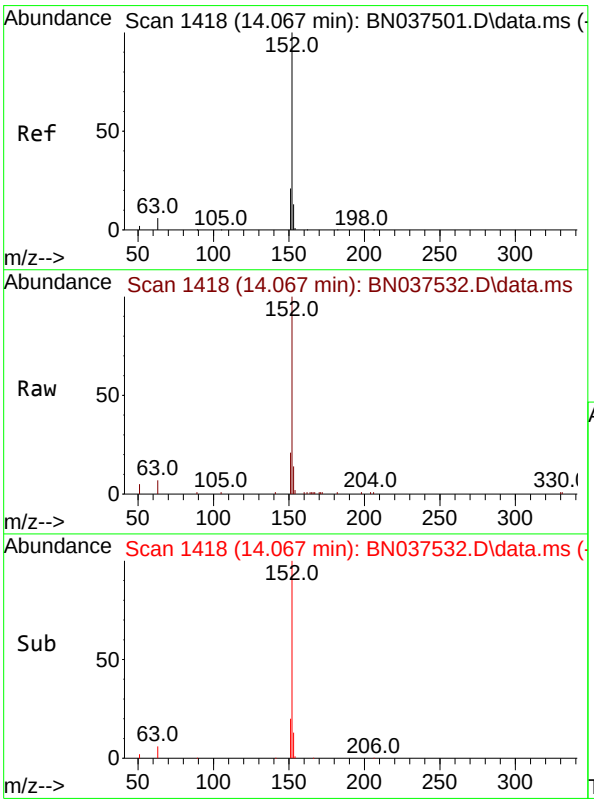
#15
2-Fluorobiphenyl
Concen: 0.405 ng
RT: 12.978 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN037532.D
Acq: 22 Jul 2025 10:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 7991

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.2
170	24.0	19.4	29.0

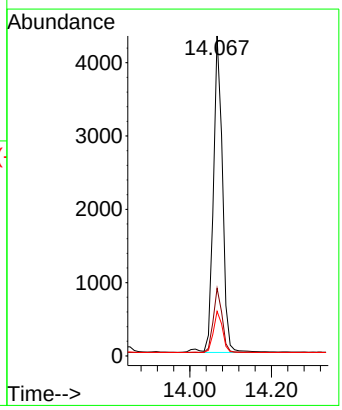


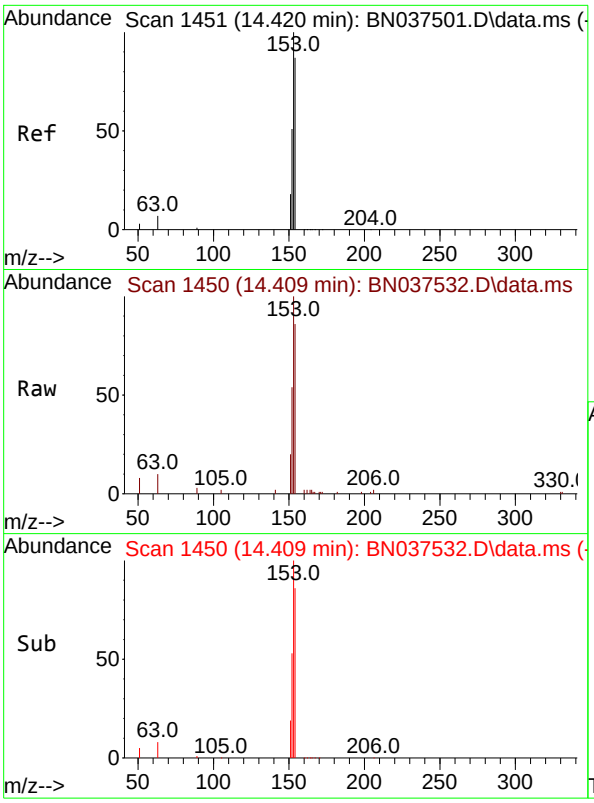


#16
Acenaphthylene
Concen: 0.393 ng
RT: 14.067 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BN037532.D
Acq: 22 Jul 2025 10:51

Tgt Ion:152 Resp: 6666

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.9	23.9
153	13.1	10.7	16.1



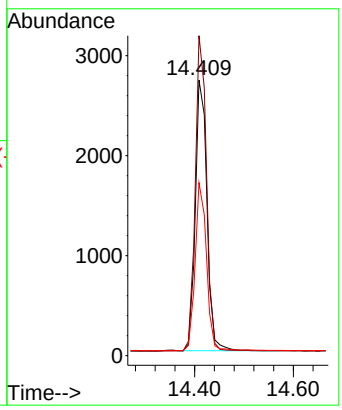


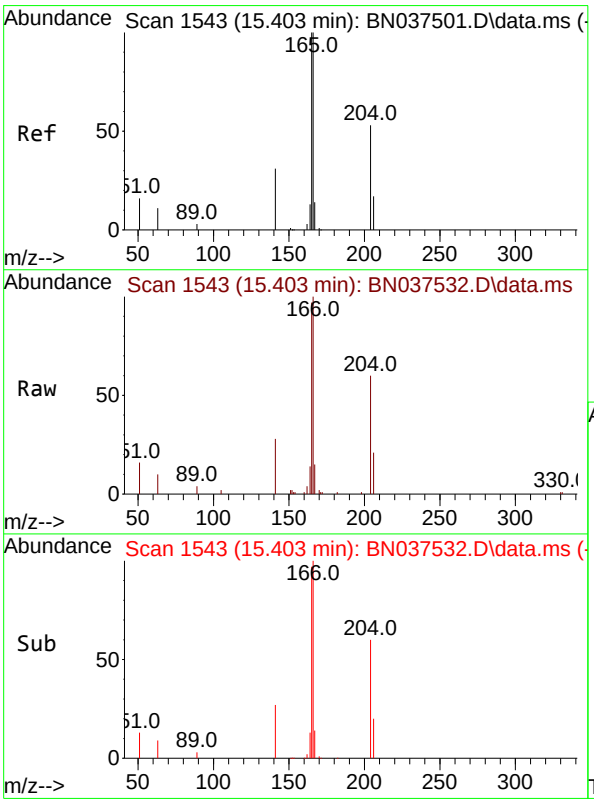
#17
Acenaphthene
Concen: 0.383 ng
RT: 14.409 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN037532.D
Acq: 22 Jul 2025 10:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 4419

Ion	Ratio	Lower	Upper
154	100		
153	112.7	89.2	133.8
152	61.0	48.0	72.0

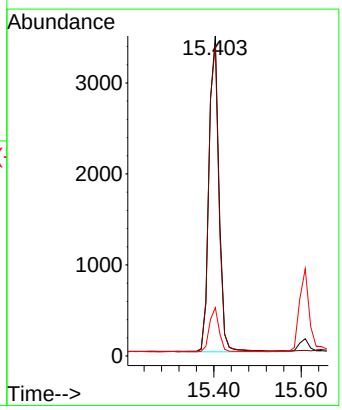


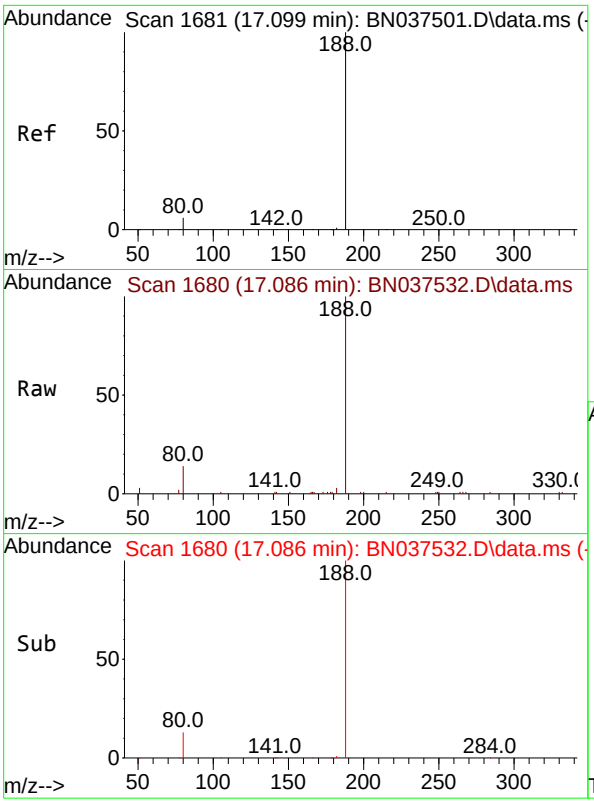


#18
Fluorene
Concen: 0.377 ng
RT: 15.403 min Scan# 1543
Delta R.T. -0.000 min
Lab File: BN037532.D
Acq: 22 Jul 2025 10:51

Tgt Ion:166 Resp: 5599

Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.1	117.1
167	13.2	11.0	16.6



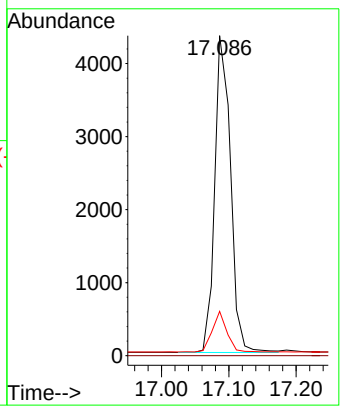


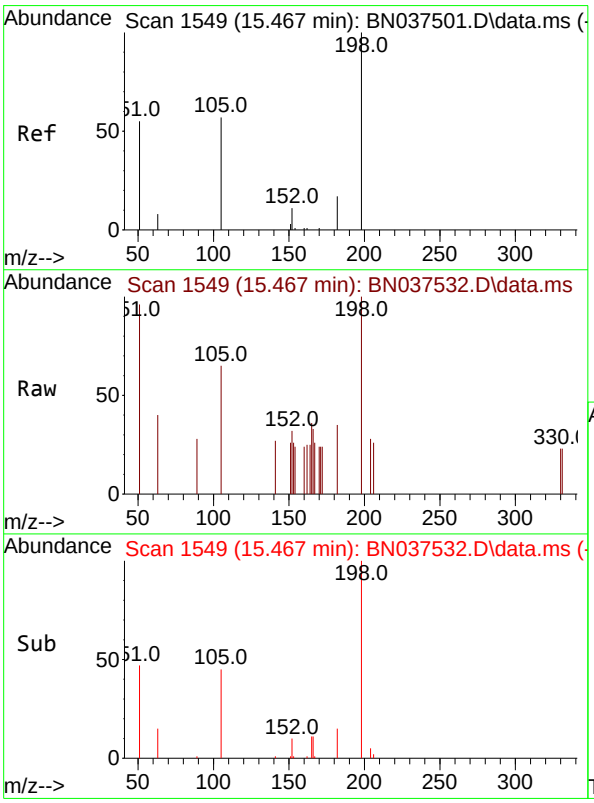
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN037532.D
Acq: 22 Jul 2025 10:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 7043

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.9	6.0	9.0#

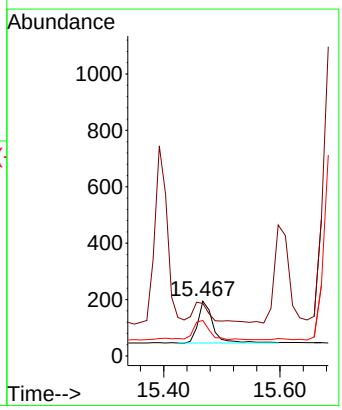


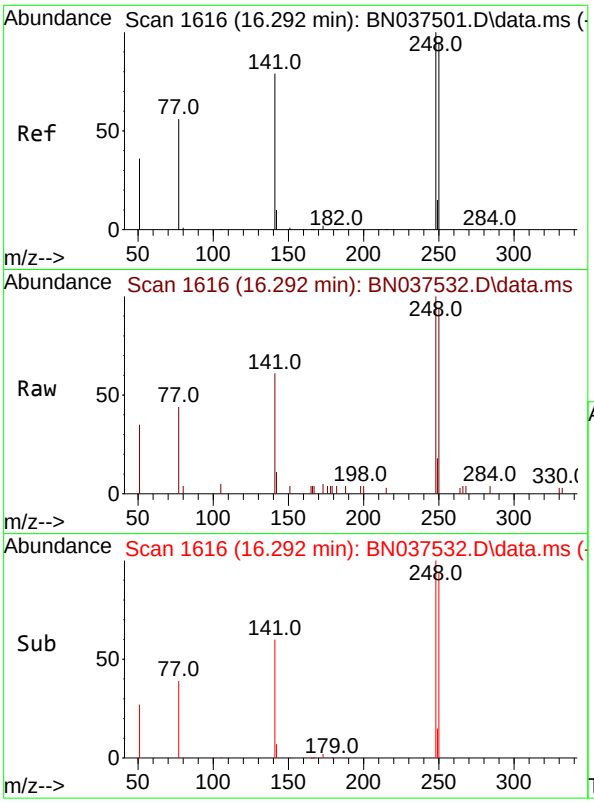


#20
4,6-Dinitro-2-methylphenol
Concen: 0.385 ng
RT: 15.467 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BN037532.D
Acq: 22 Jul 2025 10:51

Tgt Ion:198 Resp: 281

Ion	Ratio	Lower	Upper
198	100		
51	95.9	88.5	132.7
105	64.9	61.2	91.8



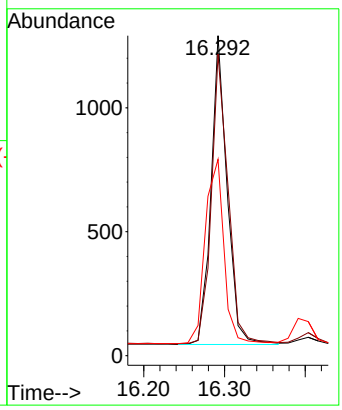


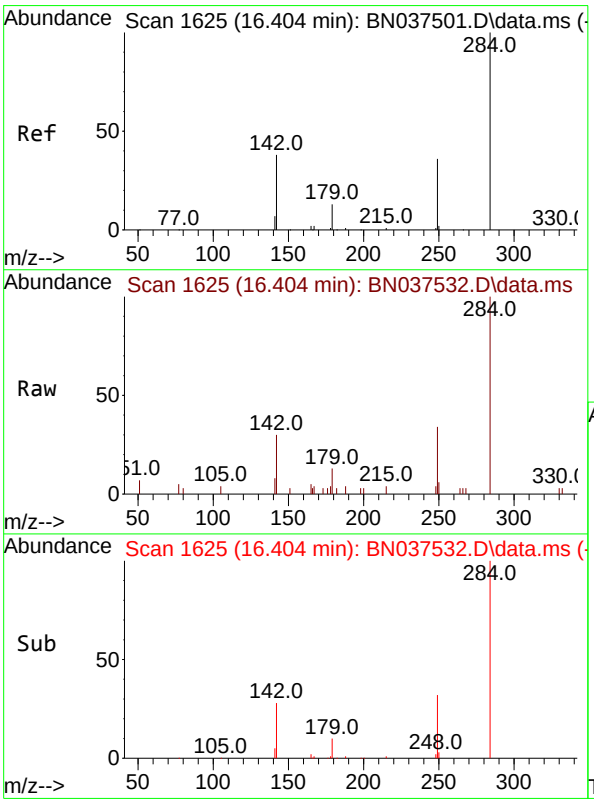
#21
4-Bromophenyl-phenylether
Concen: 0.382 ng
RT: 16.292 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037532.D
Acq: 22 Jul 2025 10:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 1722

Ion	Ratio	Lower	Upper
248	100		
250	94.3	76.2	114.2
141	61.3	63.9	95.9#

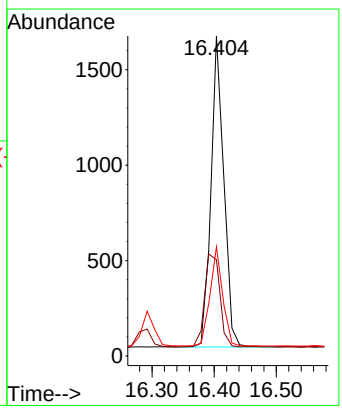


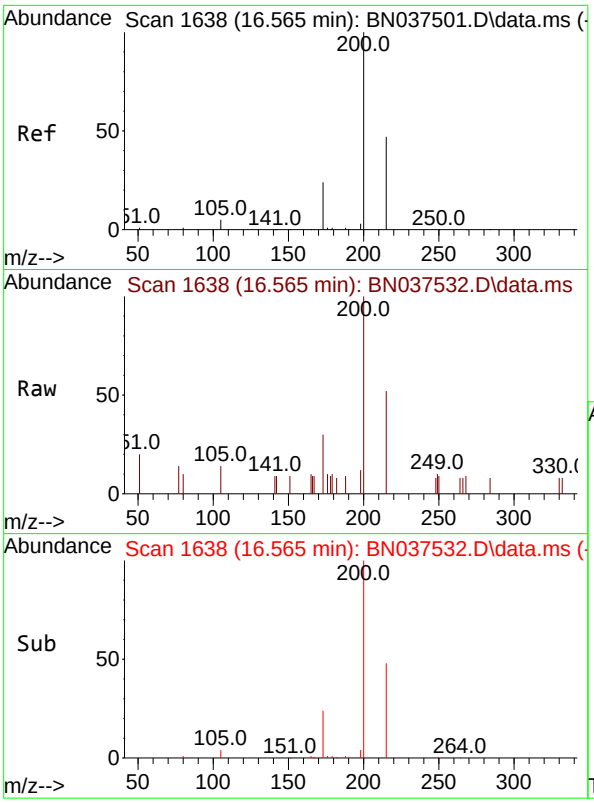


#22
Hexachlorobenzene
Concen: 0.402 ng
RT: 16.404 min Scan# 1625
Delta R.T. -0.000 min
Lab File: BN037532.D
Acq: 22 Jul 2025 10:51

Tgt Ion:284 Resp: 2345

Ion	Ratio	Lower	Upper
284	100		
142	35.7	28.9	43.3
249	31.6	25.8	38.6



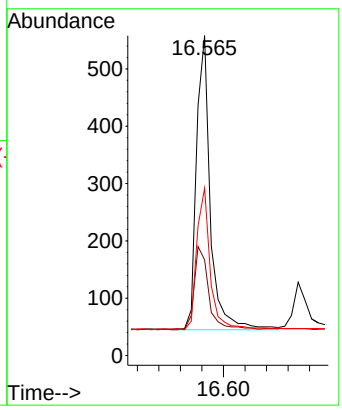


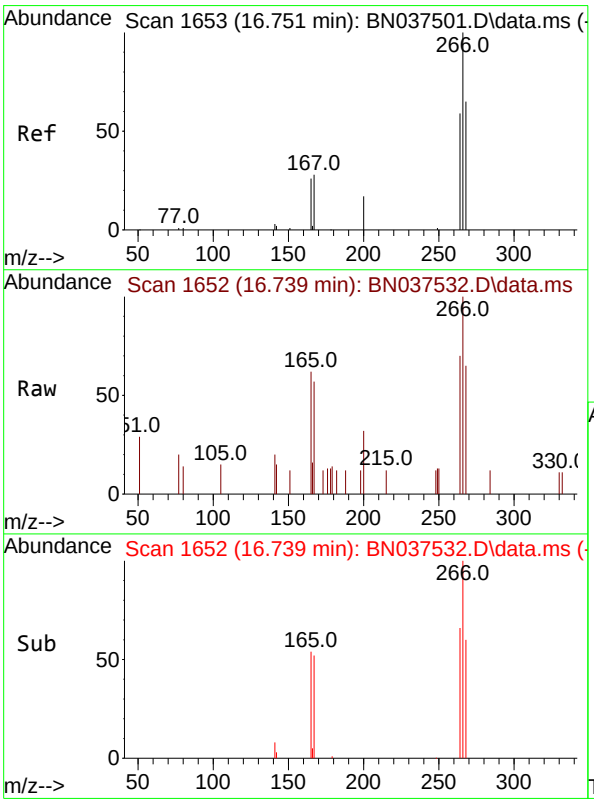
#23
Atrazine
Concen: 0.292 ng
RT: 16.565 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037532.D
Acq: 22 Jul 2025 10:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 919

Ion	Ratio	Lower	Upper
200	100		
173	29.9	23.2	34.8
215	52.3	40.2	60.4

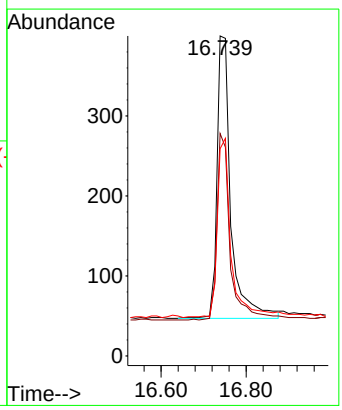


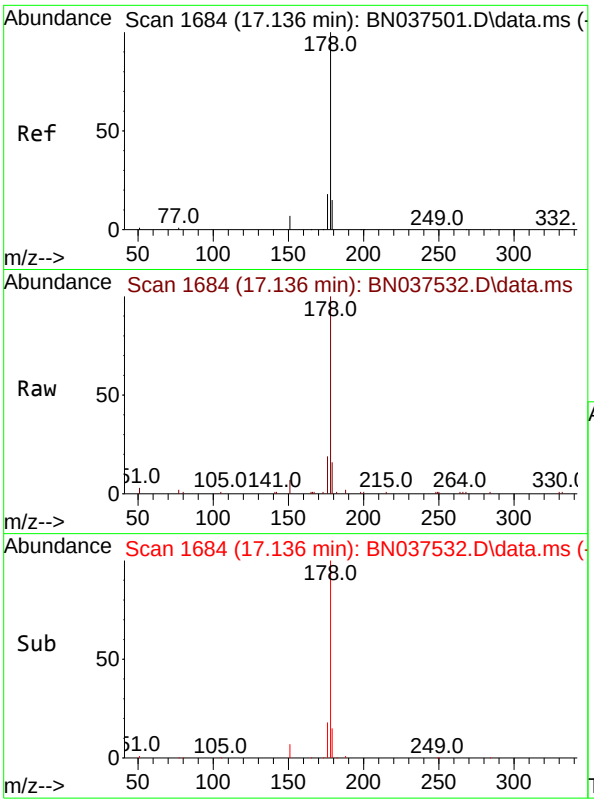


#24
Pentachlorophenol
Concen: 0.304 ng
RT: 16.739 min Scan# 1652
Delta R.T. -0.013 min
Lab File: BN037532.D
Acq: 22 Jul 2025 10:51

Tgt Ion:266 Resp: 796

Ion	Ratio	Lower	Upper
266	100		
264	63.2	49.3	73.9
268	61.9	51.6	77.4



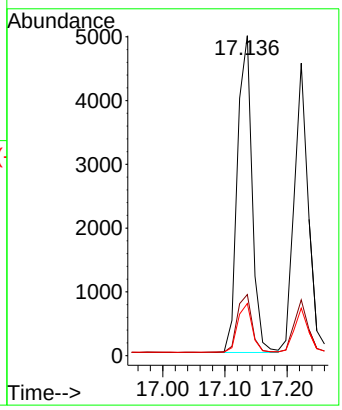


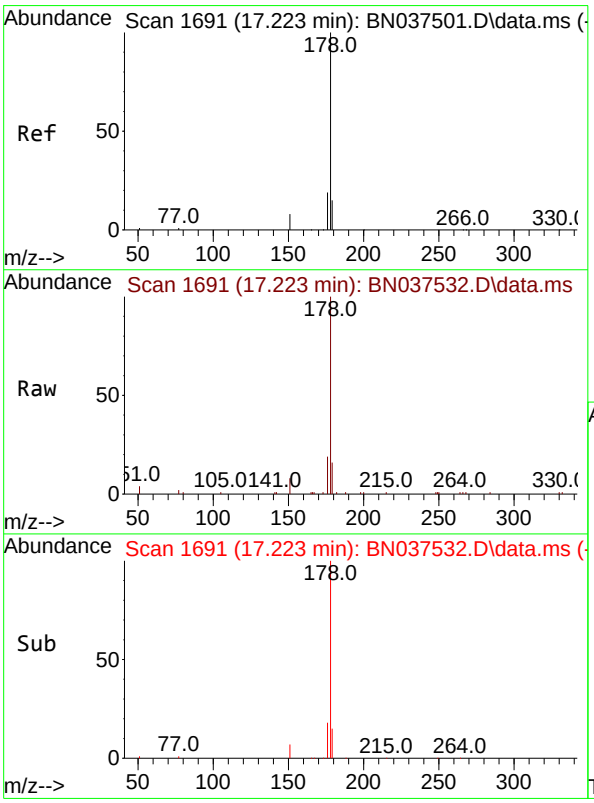
#25
Phenanthrene
Concen: 0.386 ng
RT: 17.136 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037532.D
Acq: 22 Jul 2025 10:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 8137

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.6
179	15.3	12.2	18.2

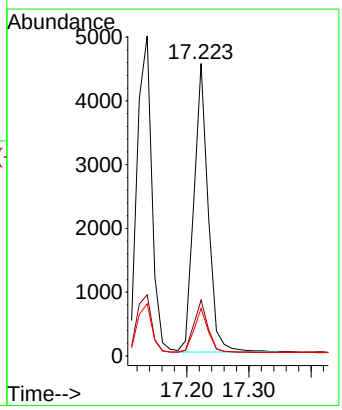


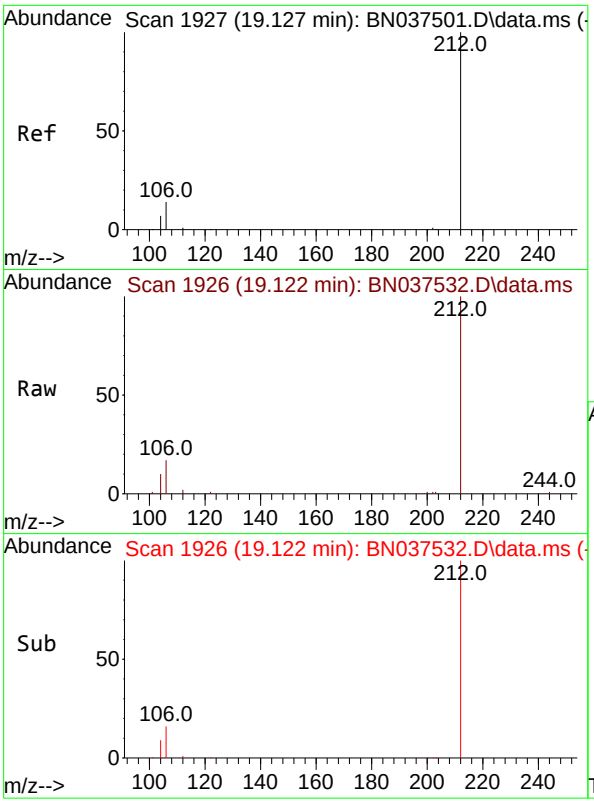


#26
Anthracene
Concen: 0.373 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BN037532.D
Acq: 22 Jul 2025 10:51

Tgt Ion:178 Resp: 7179

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.7	22.1
179	15.3	12.3	18.5



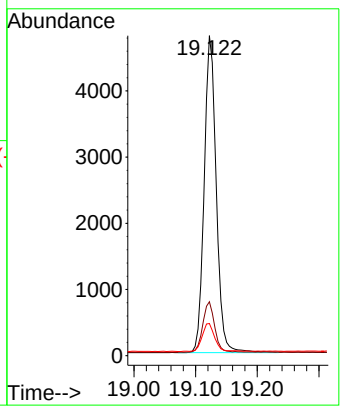


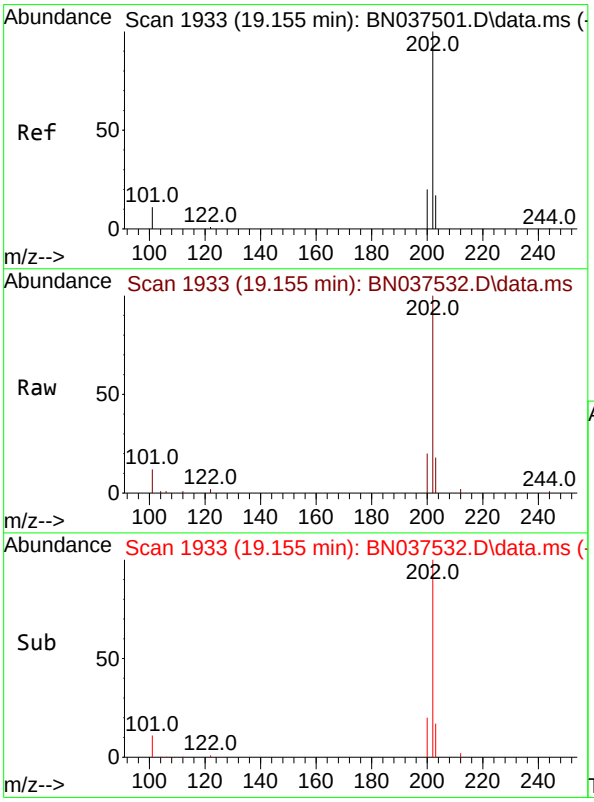
#27
Fluoranthene-d10
Concen: 0.348 ng
RT: 19.122 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN037532.D
Acq: 22 Jul 2025 10:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 6491

Ion	Ratio	Lower	Upper
212	100		
106	15.7	12.2	18.4
104	9.4	6.7	10.1

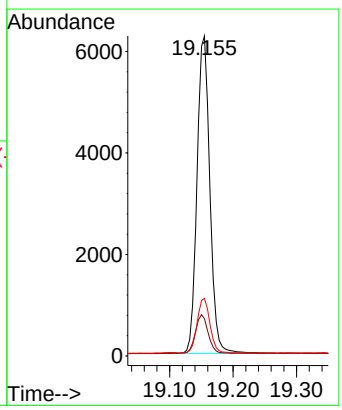


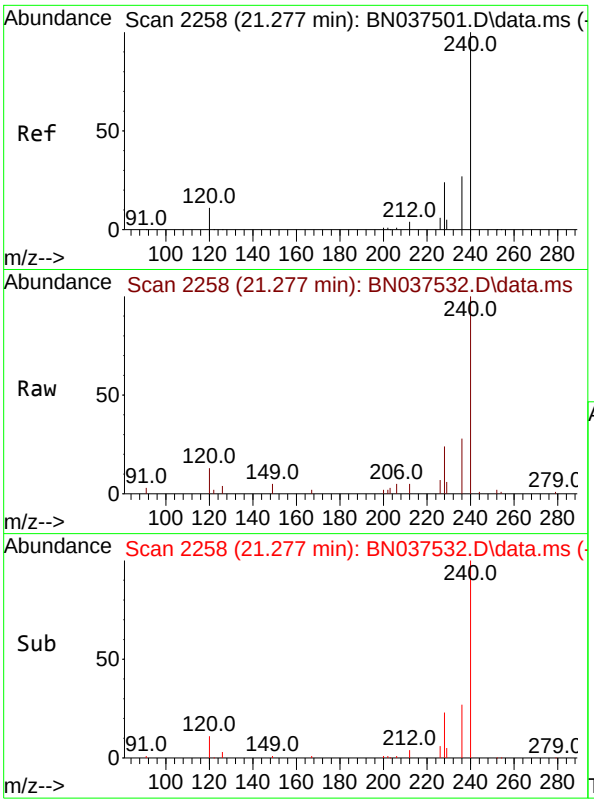


#28
Fluoranthene
Concen: 0.360 ng
RT: 19.155 min Scan# 1933
Delta R.T. -0.000 min
Lab File: BN037532.D
Acq: 22 Jul 2025 10:51

Tgt Ion:202 Resp: 8766

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.8	14.6
203	17.1	13.6	20.4



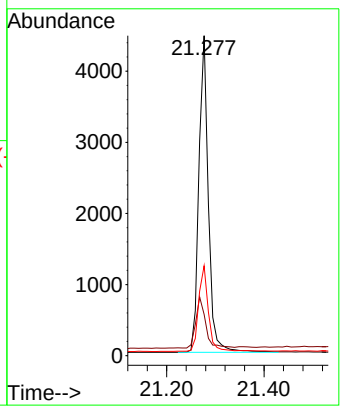


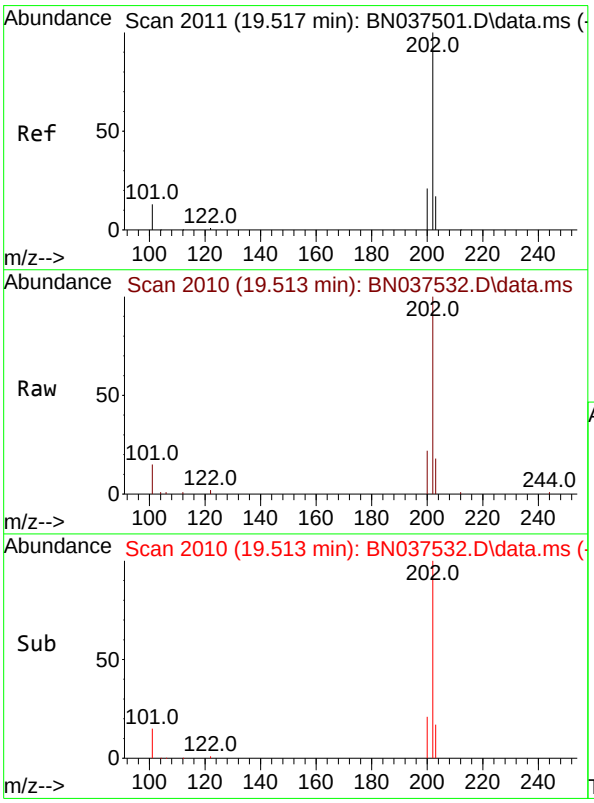
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037532.D
Acq: 22 Jul 2025 10:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 6014

Ion	Ratio	Lower	Upper
240	100		
120	12.9	10.7	16.1
236	28.1	22.6	33.8

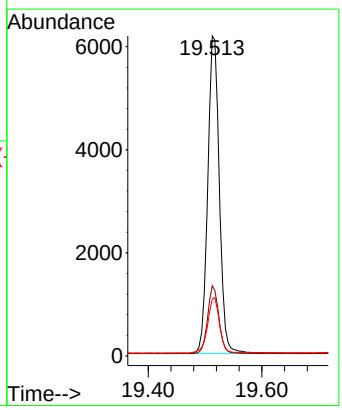


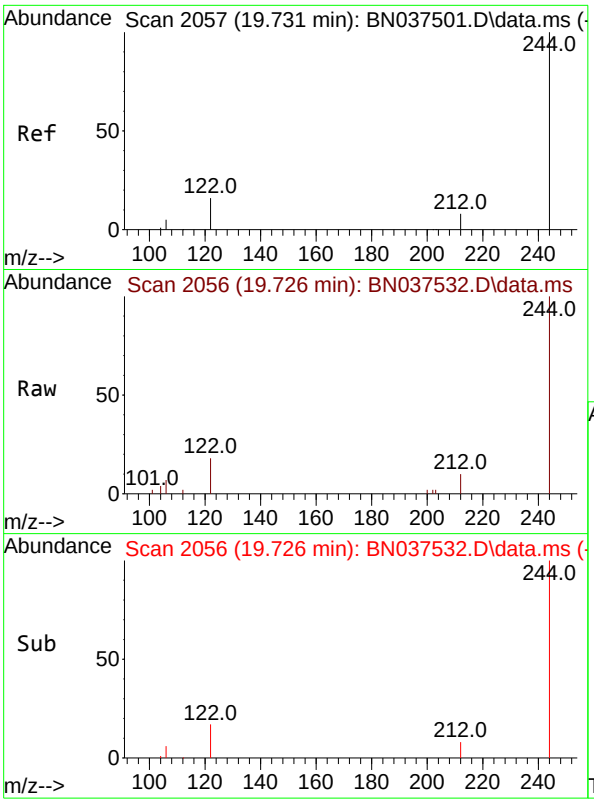


#30
Pyrene
Concen: 0.360 ng
RT: 19.513 min Scan# 2010
Delta R.T. -0.005 min
Lab File: BN037532.D
Acq: 22 Jul 2025 10:51

Tgt Ion:202 Resp: 8728

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.5	24.7
203	17.7	14.3	21.5



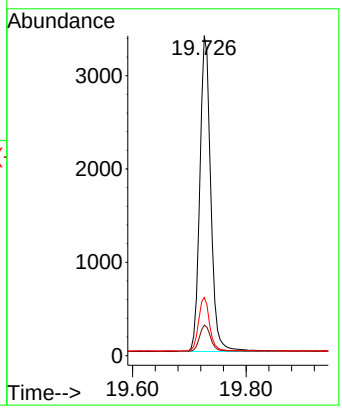


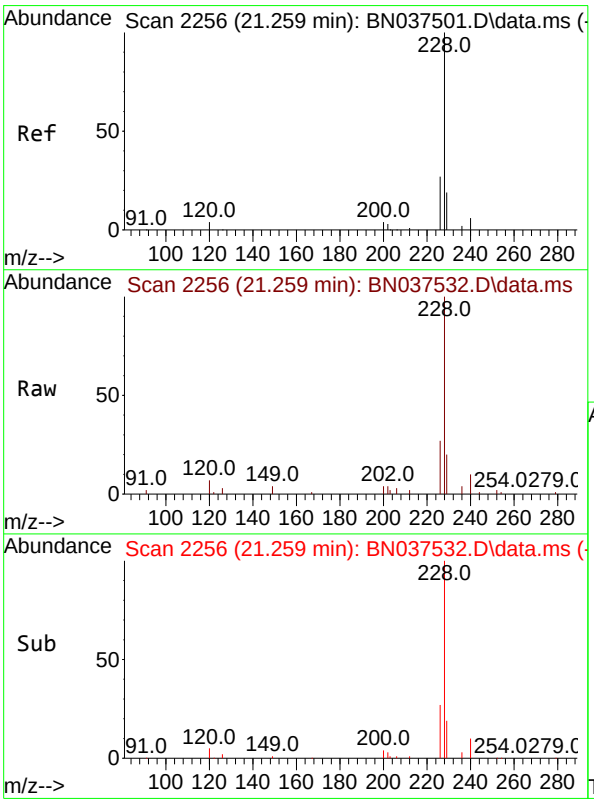
#31
Terphenyl-d14
Concen: 0.349 ng
RT: 19.726 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN037532.D
Acq: 22 Jul 2025 10:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 4509

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.4	11.2
122	18.2	13.6	20.4

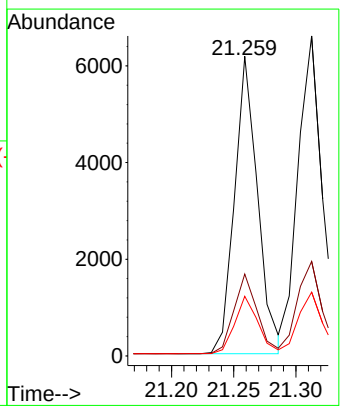


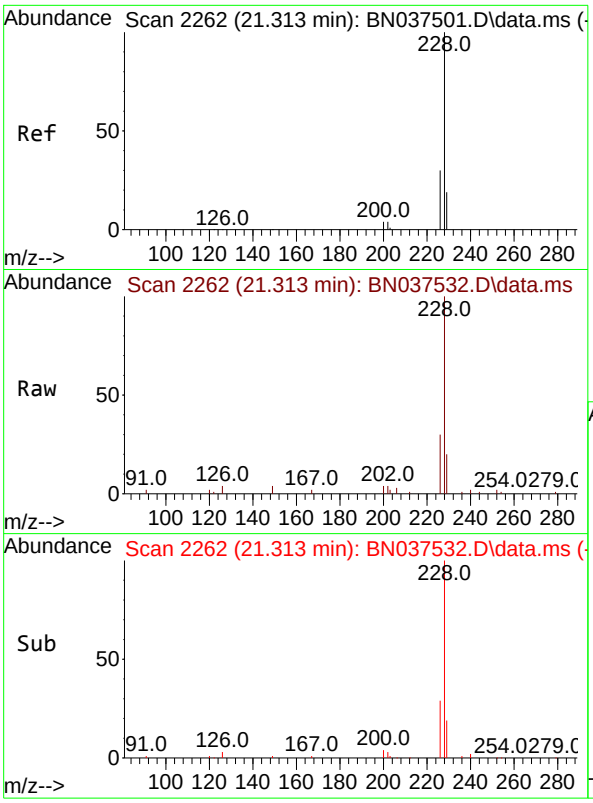


#32
Benzo(a)anthracene
Concen: 0.377 ng
RT: 21.259 min Scan# 2256
Delta R.T. -0.000 min
Lab File: BN037532.D
Acq: 22 Jul 2025 10:51

Tgt Ion:228 Resp: 7938

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.9	32.9
229	19.9	15.8	23.8



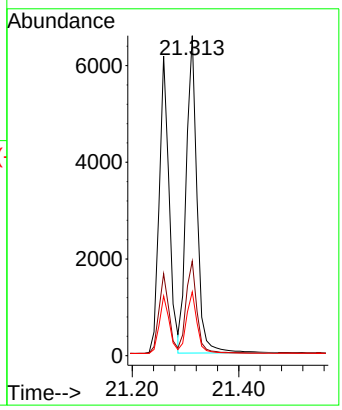


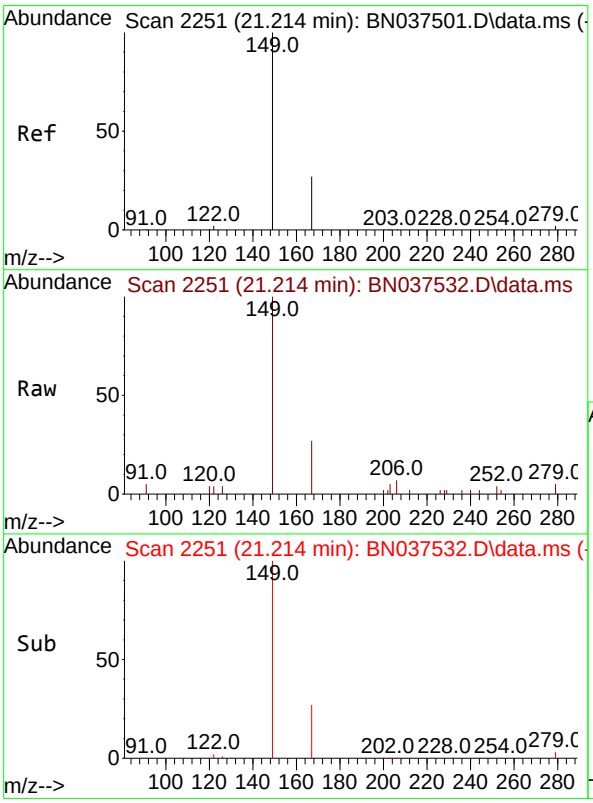
#33
Chrysene
Concen: 0.420 ng
RT: 21.313 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037532.D
Acq: 22 Jul 2025 10:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 9201

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.2	36.4
229	20.0	16.1	24.1

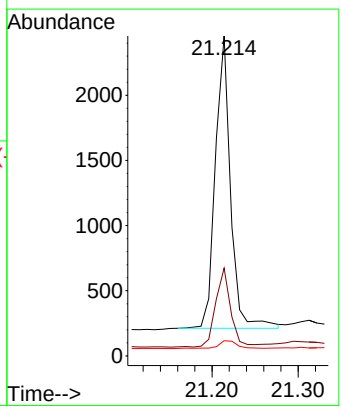


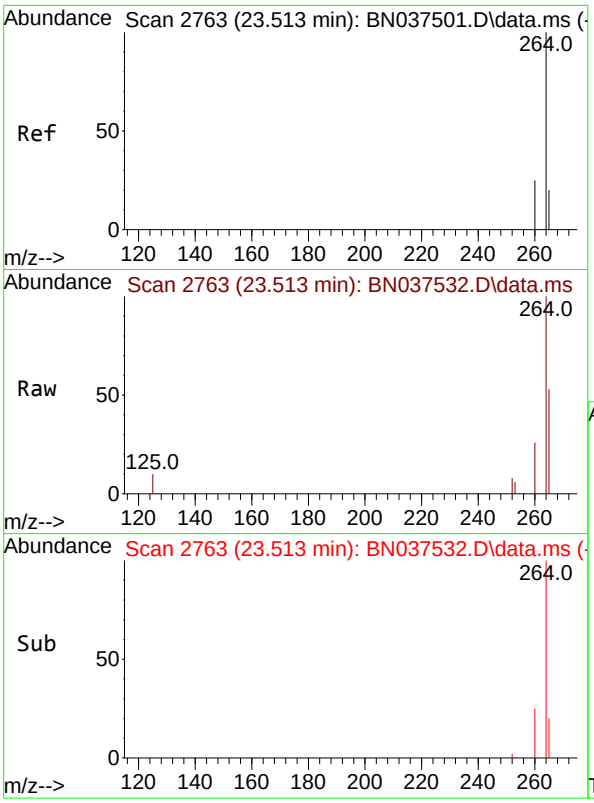


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.290 ng
RT: 21.214 min Scan# 2251
Delta R.T. -0.000 min
Lab File: BN037532.D
Acq: 22 Jul 2025 10:51

Tgt Ion:149 Resp: 2745

Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.8	32.8
279	3.3	3.0	4.4



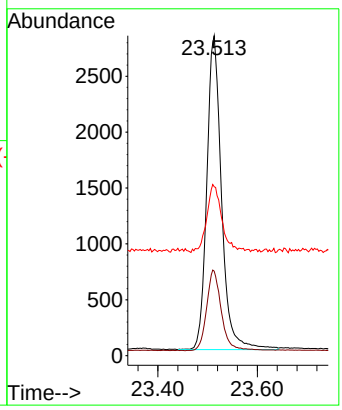


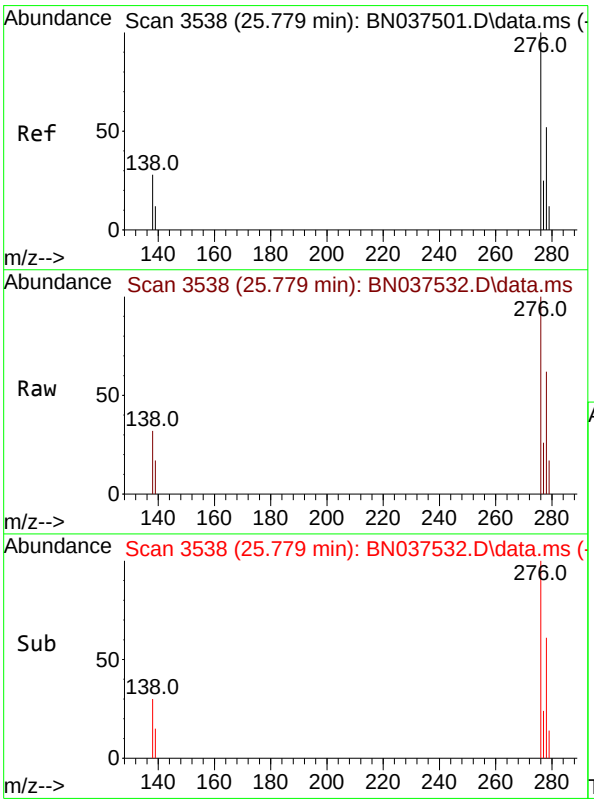
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.513 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037532.D
Acq: 22 Jul 2025 10:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 5778

Ion	Ratio	Lower	Upper
264	100		
260	26.4	21.2	31.8
265	52.8	40.4	60.6

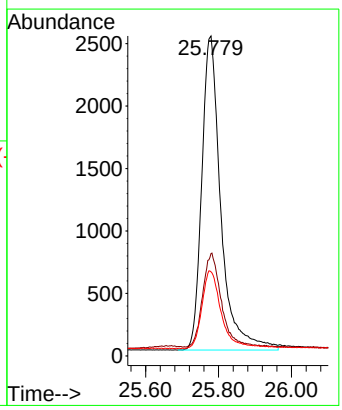


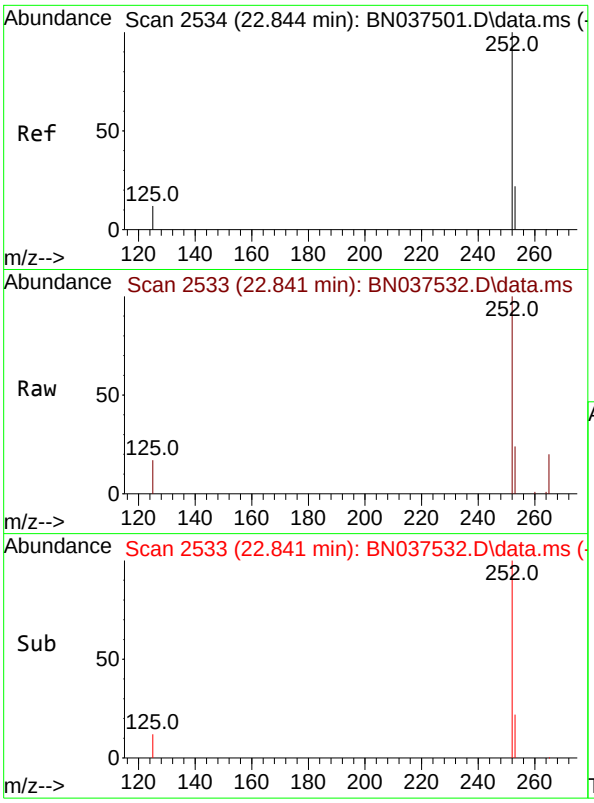


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.380 ng
RT: 25.779 min Scan# 3538
Delta R.T. -0.000 min
Lab File: BN037532.D
Acq: 22 Jul 2025 10:51

Tgt Ion:276 Resp: 9143

Ion	Ratio	Lower	Upper
276	100		
138	29.0	24.0	36.0
277	25.1	20.5	30.7



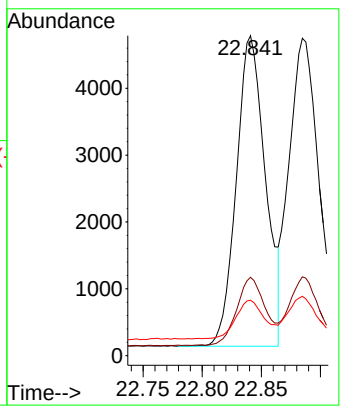


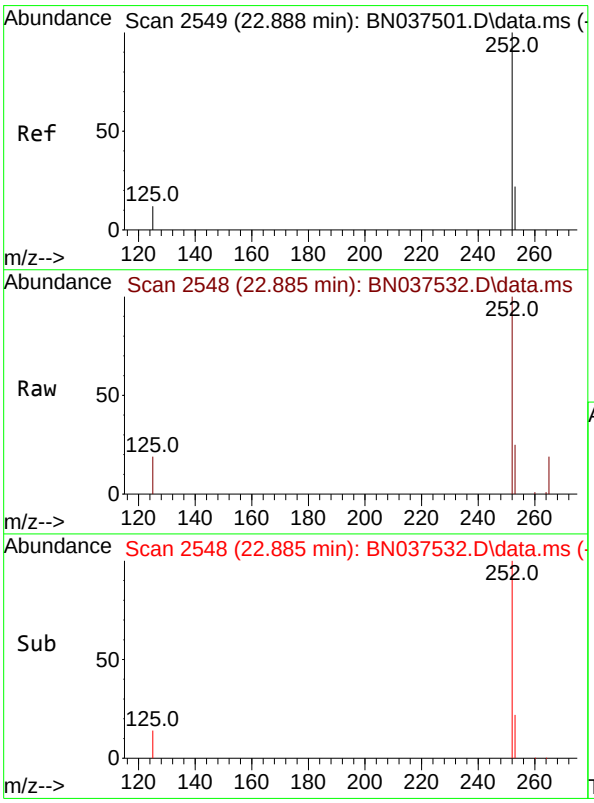
#37
Benzo(b)fluoranthene
Concen: 0.363 ng
RT: 22.841 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN037532.D
Acq: 22 Jul 2025 10:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 7956

Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.5	29.3
125	17.3	13.0	19.6

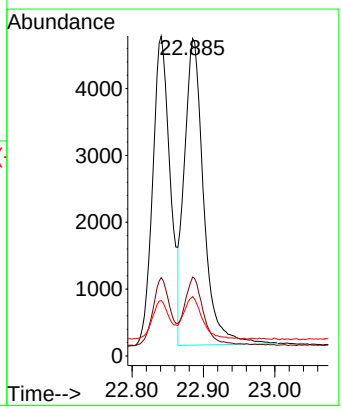


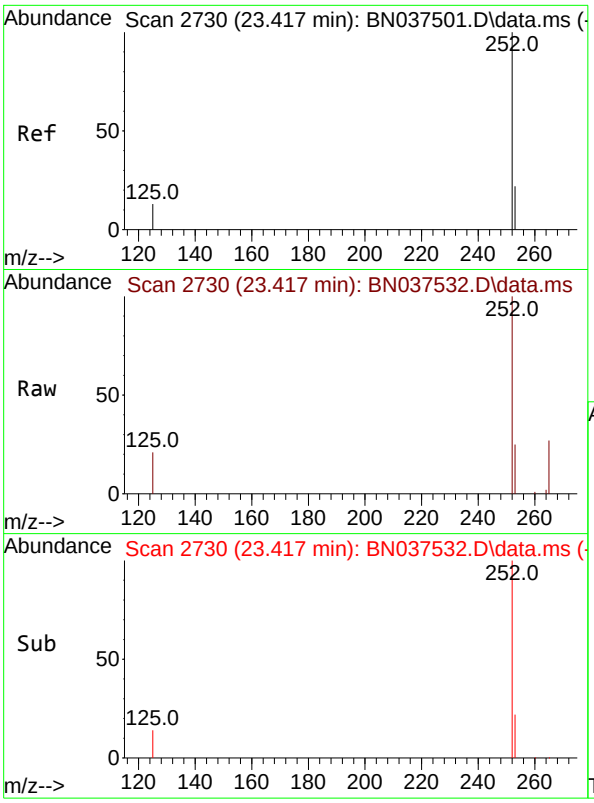


#38
Benzo(k)fluoranthene
Concen: 0.380 ng
RT: 22.885 min Scan# 2548
Delta R.T. -0.003 min
Lab File: BN037532.D
Acq: 22 Jul 2025 10:51

Tgt Ion:252 Resp: 8593

Ion	Ratio	Lower	Upper
252	100		
253	24.8	19.5	29.3
125	18.7	13.1	19.7



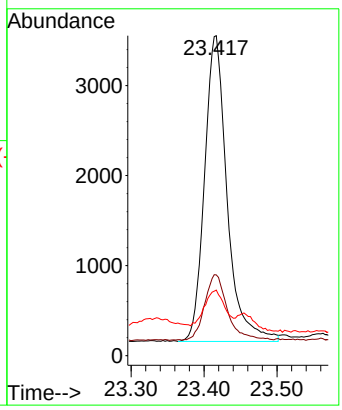


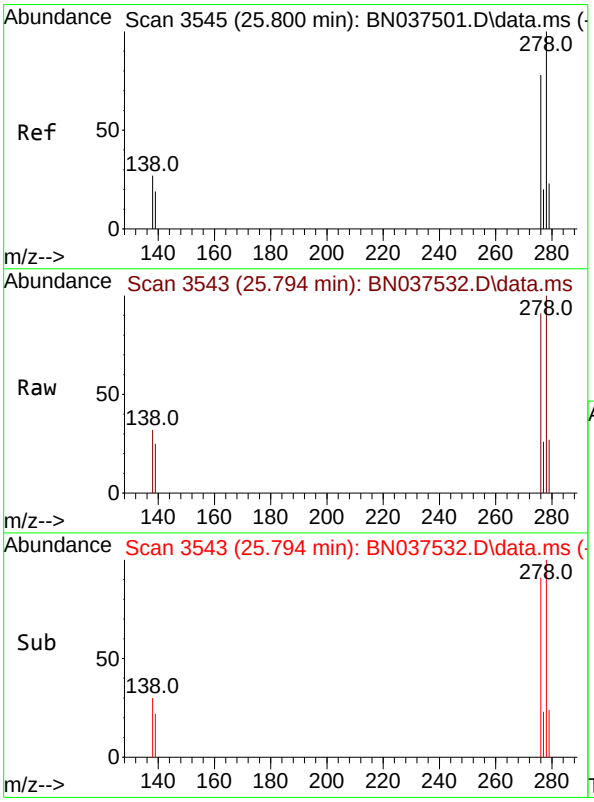
#39
Benzo(a)pyrene
Concen: 0.399 ng
RT: 23.417 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037532.D
Acq: 22 Jul 2025 10:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 7309

Ion	Ratio	Lower	Upper
252	100		
253	25.3	19.9	29.9
125	20.5	15.2	22.8

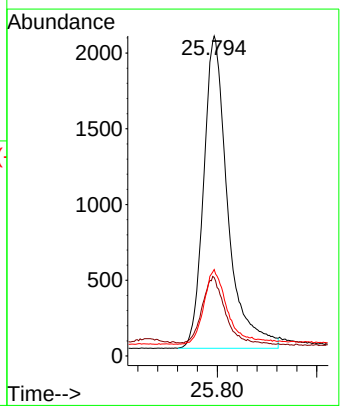


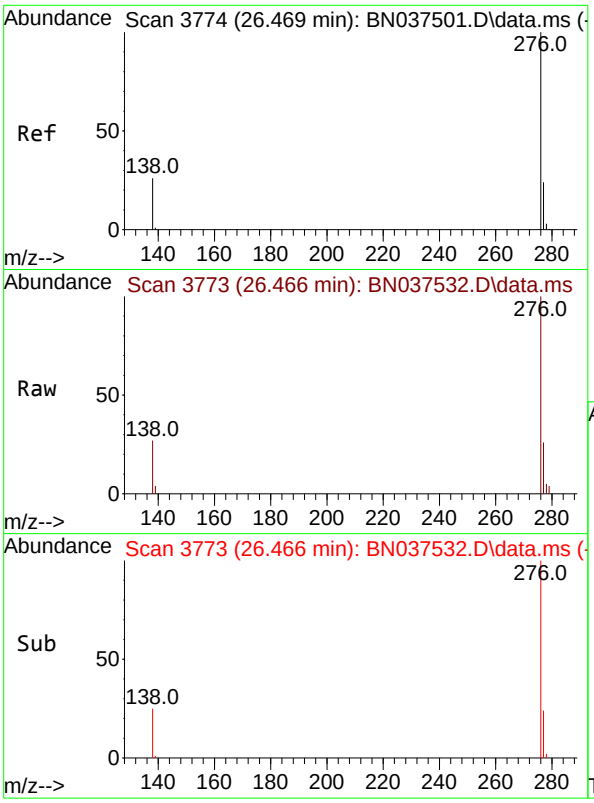


#40
Dibenzo(a,h)anthracene
Concen: 0.357 ng
RT: 25.794 min Scan# 3543
Delta R.T. -0.006 min
Lab File: BN037532.D
Acq: 22 Jul 2025 10:51

Tgt Ion:278 Resp: 6954

Ion	Ratio	Lower	Upper
278	100		
139	24.5	17.5	26.3
279	27.0	21.3	31.9





#41
Benzo(g,h,i)perylene
Concen: 0.361 ng
RT: 26.466 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN037532.D
Acq: 22 Jul 2025 10:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 7290

Ion	Ratio	Lower	Upper
276	100		
277	25.9	20.9	31.3
138	27.4	22.6	33.8