Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091825\
Data File : BN037793.D
Acq On : 19 Sep 2025 00:52
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 19 04:13:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.833	152	7441	0.400	ng		0.00
7) Naphthalene-d8	10.637	136	19492	0.400	ng		-0.01
13) Acenaphthene-d10	14.484	164	9091	0.400	ng		-0.01
19) Phenanthrene-d10	17.235	188	16806	0.400	ng		# 0.00
29) Chrysene-d12	21.411	240	15128	0.400	ng		0.00
35) Perylene-d12	23.739	264	15864	0.400	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.392	112	6868	0.402	ng		0.00
5) Phenol-d6	6.981	99	8539	0.386	ng		0.00
8) Nitrobenzene-d5	8.982	82	5756	0.404	ng		-0.01
11) 2-Methylnaphthalene-d10	12.233	152	9662	0.374	ng		-0.01
14) 2,4,6-Tribromophenol	15.969	330	1156	0.488	ng		-0.01
15) 2-Fluorobiphenyl	13.105	172	14833	0.390	ng		-0.01
27) Fluoranthene-d10	19.262	212	16028	0.380	ng		0.00
31) Terphenyl-d14	19.861	244	11883	0.387	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.304	88	3241	0.418	ng		98
3) n-Nitrosodimethylamine	3.608	42	3766	0.372	ng		88
6) bis(2-Chloroethyl)ether	7.248	93	7648	0.386	ng		100
9) Naphthalene	10.680	128	20919	0.393	ng		100
10) Hexachlorobutadiene	10.989	225	3750	0.389	ng	#	100
12) 2-Methylnaphthalene	12.304	142	12695	0.385	ng		99
16) Acenaphthylene	14.206	152	15704	0.377	ng		99
17) Acenaphthene	14.548	154	10816	0.384	ng		98
18) Fluorene	15.535	166	13166	0.386	ng		98
20) 4,6-Dinitro-2-methylph...	15.597	198	563	0.362	ng	#	81
21) 4-Bromophenyl-phenylether	16.429	248	4194	0.383	ng	#	94
22) Hexachlorobenzene	16.540	284	5004	0.397	ng		98
23) Atrazine	16.689	200	2701	0.387	ng		95
24) Pentachlorophenol	16.888	266	1719	0.470	ng		99
25) Phenanthrene	17.273	178	20559	0.389	ng		100
26) Anthracene	17.360	178	17722	0.378	ng		100
28) Fluoranthene	19.294	202	22839	0.394	ng		100
30) Pyrene	19.652	202	22743	0.384	ng		100
32) Benzo(a)anthracene	21.393	228	20290	0.385	ng		100
33) Chrysene	21.447	228	22567	0.399	ng		100
34) Bis(2-ethylhexyl)phtha...	21.331	149	8520	0.545	ng		99
36) Indeno(1,2,3-cd)pyrene	26.124	276	31159	0.467	ng		99
37) Benzo(b)fluoranthene	23.034	252	24537	0.393	ng		99
38) Benzo(k)fluoranthene	23.078	252	26227	0.412	ng		99
39) Benzo(a)pyrene	23.636	252	19199	0.384	ng		98
40) Dibenzo(a,h)anthracene	26.139	278	24445	0.459	ng		98
41) Benzo(g,h,i)perylene	26.846	276	24646	0.413	ng		97

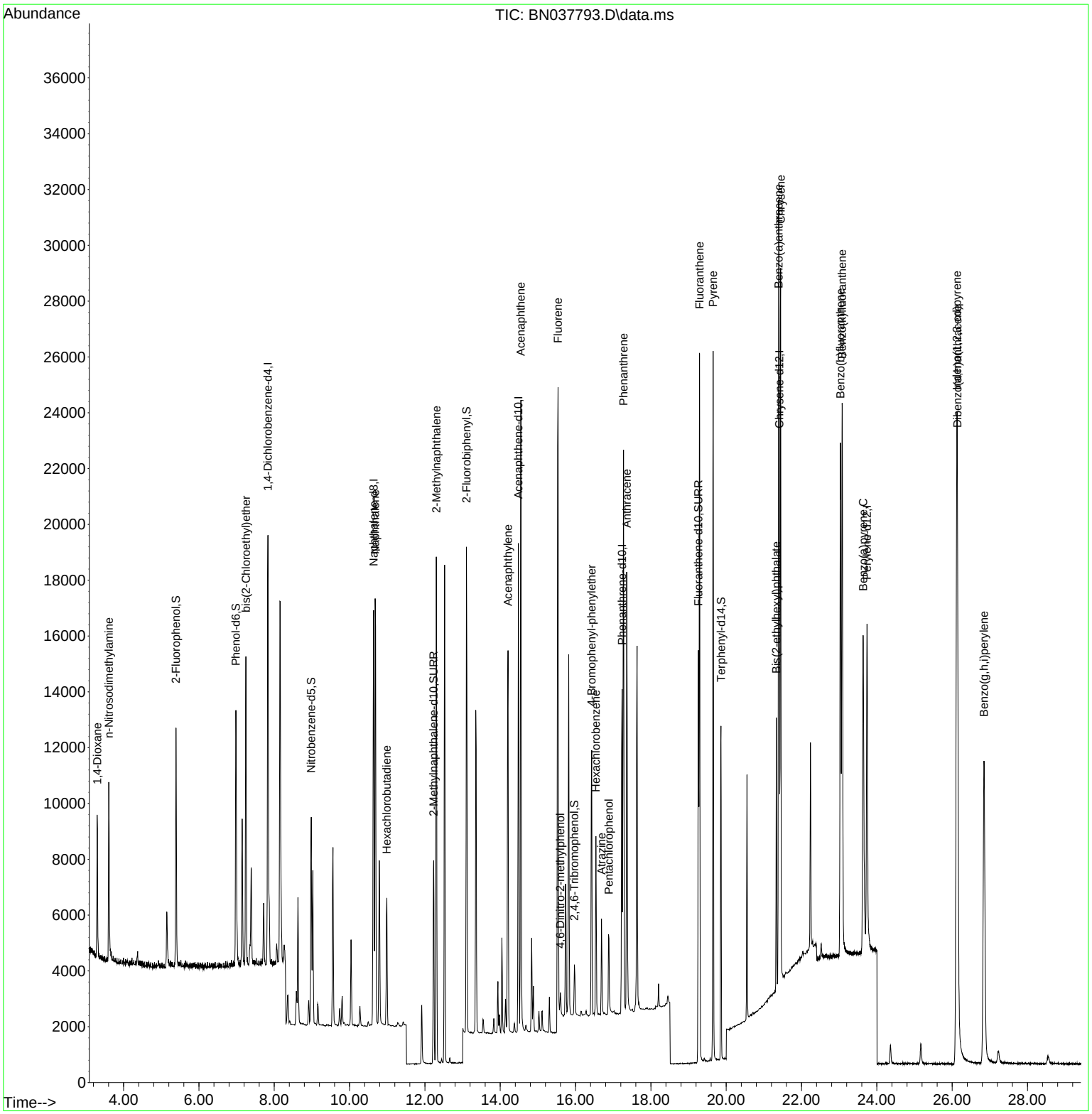
(#) = qualifier out of range (m) = manual integration (+) = signals summed

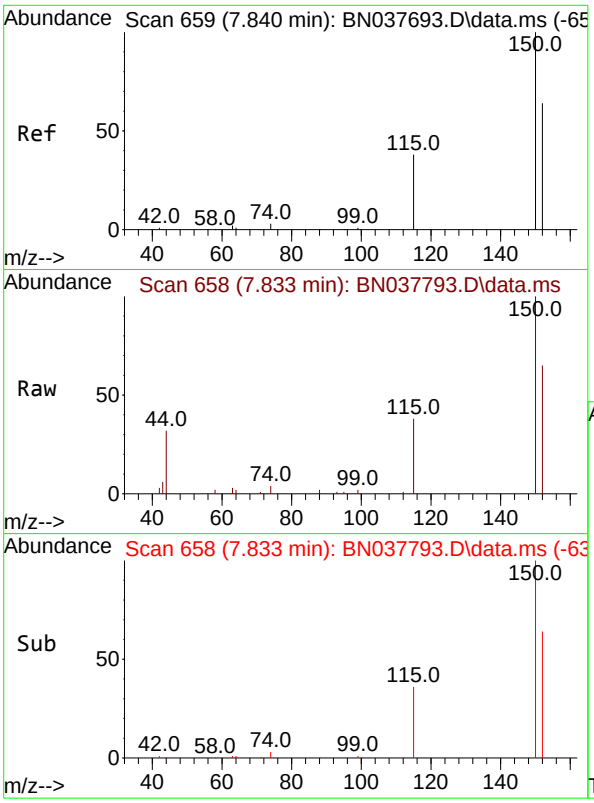
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091825\
Data File : BN037793.D
Acq On : 19 Sep 2025 00:52
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 19 04:13:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



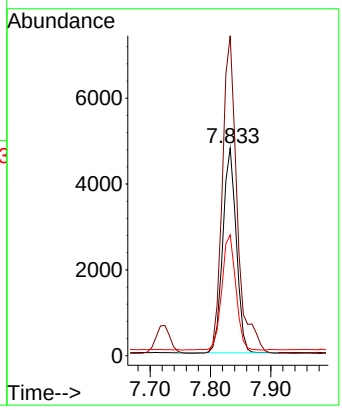


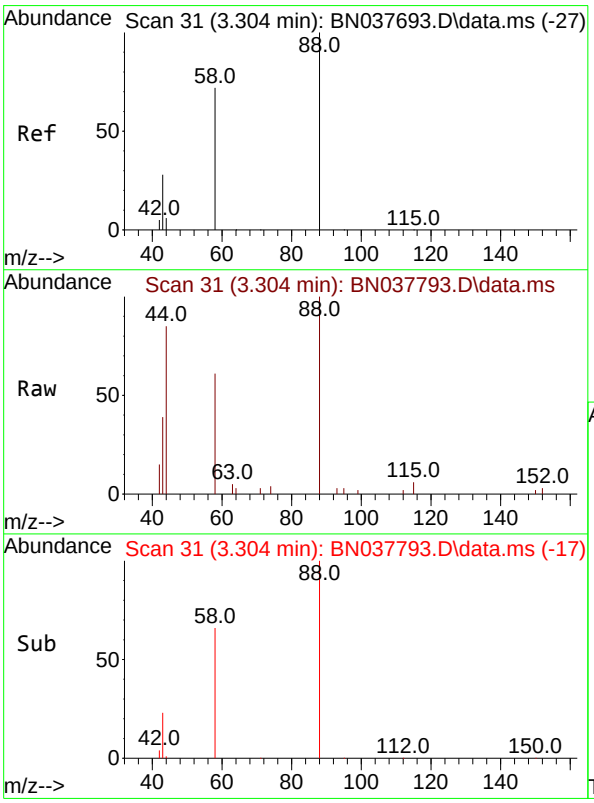
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.833 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN037793.D
Acq: 19 Sep 2025 00:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 7441

Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.5	186.7
115	58.3	49.2	73.8

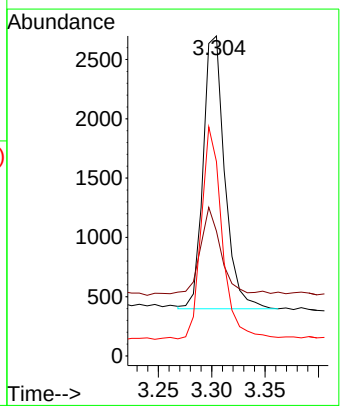


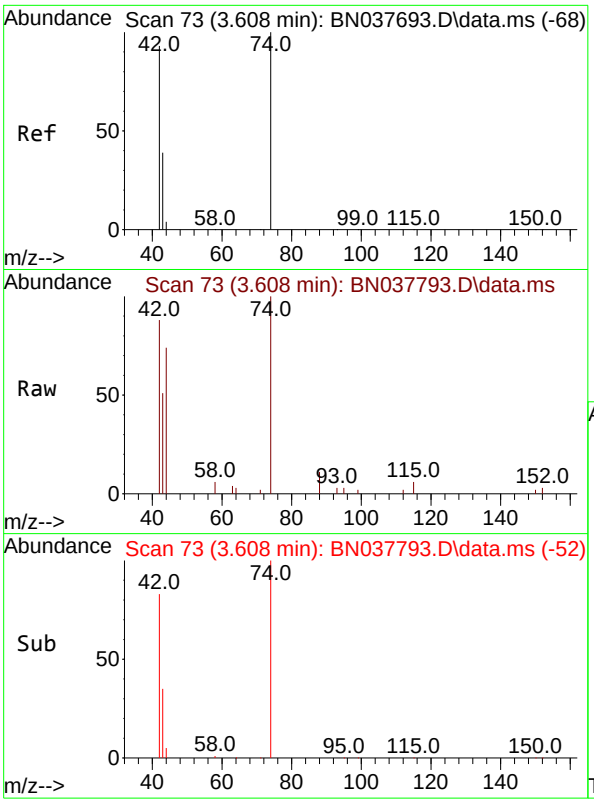


#2
1,4-Dioxane
Concen: 0.418 ng
RT: 3.304 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN037793.D
Acq: 19 Sep 2025 00:52

Tgt Ion: 88 Resp: 3241

Ion	Ratio	Lower	Upper
88	100		
43	31.9	26.8	40.2
58	76.1	61.9	92.9



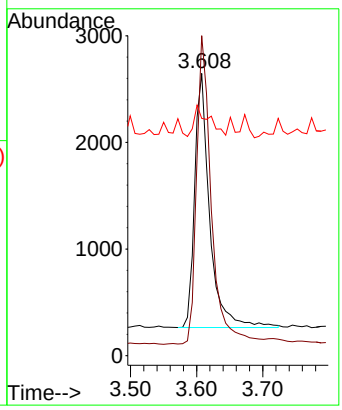


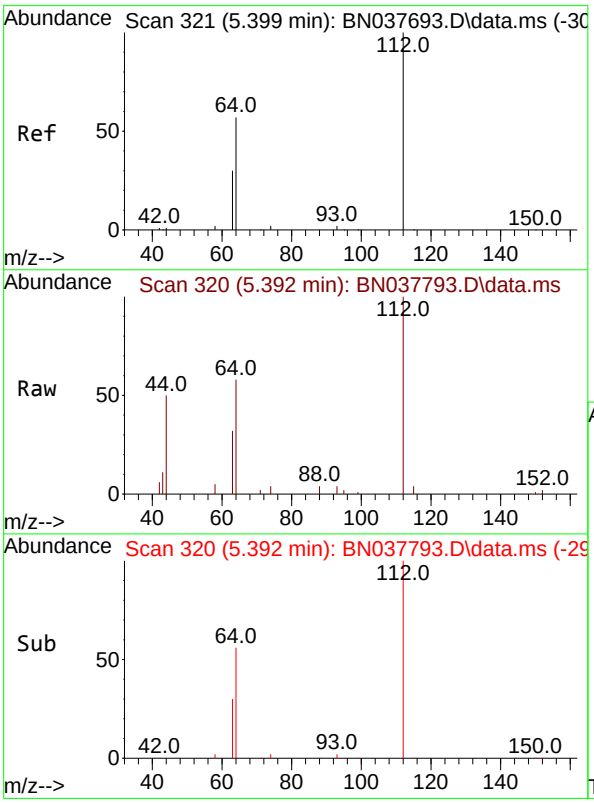
#3
n-Nitrosodimethylamine
Concen: 0.372 ng
RT: 3.608 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN037793.D
Acq: 19 Sep 2025 00:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 3766

Ion	Ratio	Lower	Upper
42	100		
74	120.8	86.0	129.0
44	12.6	8.4	12.6

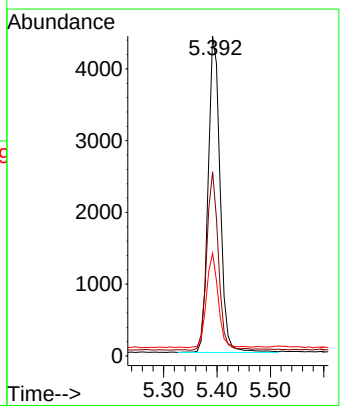


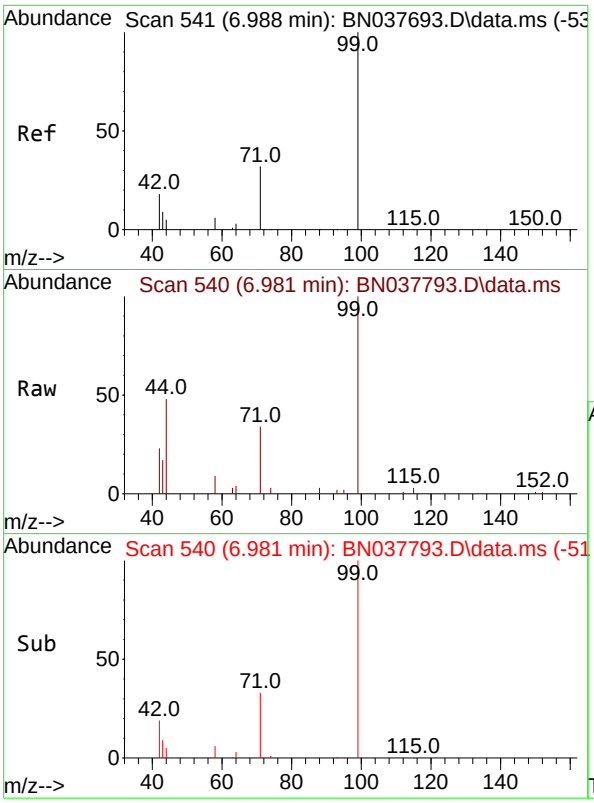


#4
2-Fluorophenol
Concen: 0.402 ng
RT: 5.392 min Scan# 320
Delta R.T. -0.007 min
Lab File: BN037793.D
Acq: 19 Sep 2025 00:52

Tgt Ion:112 Resp: 6868

Ion	Ratio	Lower	Upper
112	100		
64	55.9	44.9	67.3
63	29.2	24.7	37.1



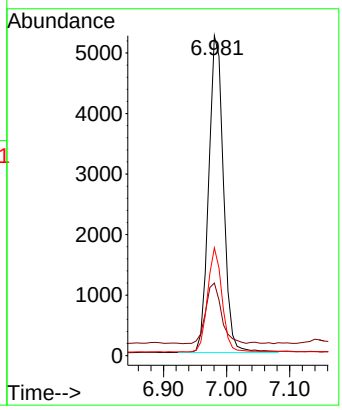


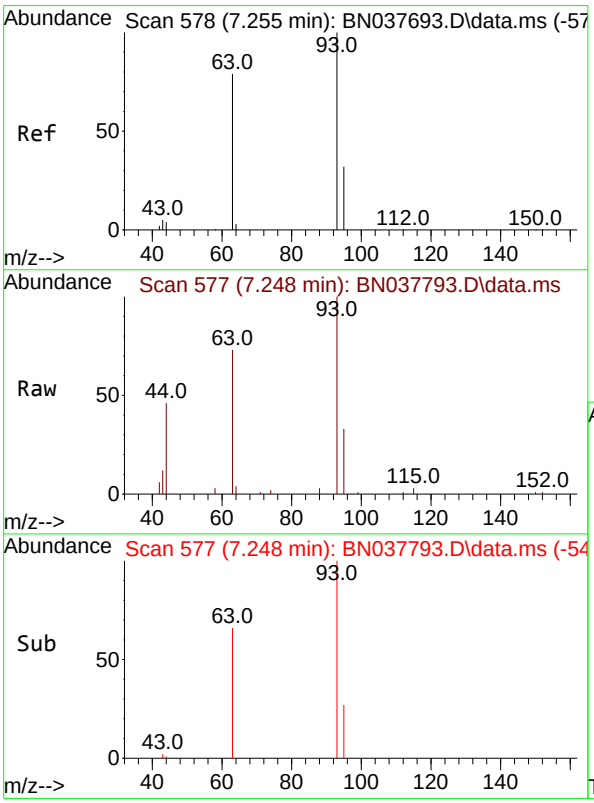
#5
Phenol-d6
Concen: 0.386 ng
RT: 6.981 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN037793.D
Acq: 19 Sep 2025 00:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 8539

Ion	Ratio	Lower	Upper
99	100		
42	20.3	16.6	24.8
71	32.6	26.7	40.1

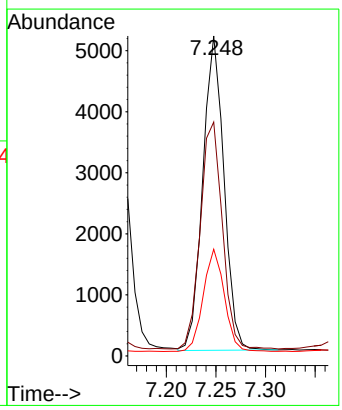


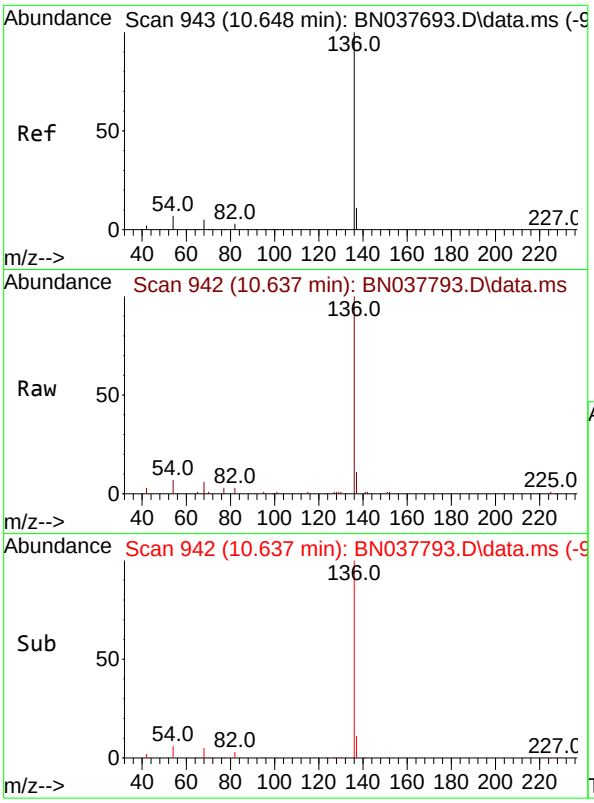


#6
bis(2-Chloroethyl)ether
Concen: 0.386 ng
RT: 7.248 min Scan# 577
Delta R.T. -0.007 min
Lab File: BN037793.D
Acq: 19 Sep 2025 00:52

Tgt Ion: 93 Resp: 7648

Ion	Ratio	Lower	Upper
93	100		
63	75.3	60.6	90.8
95	32.6	26.0	39.0



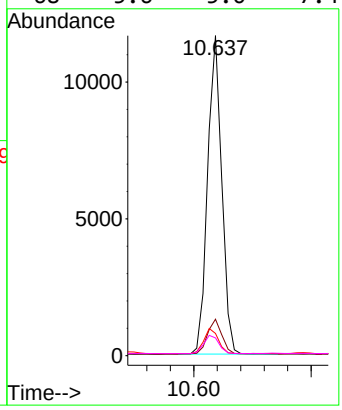


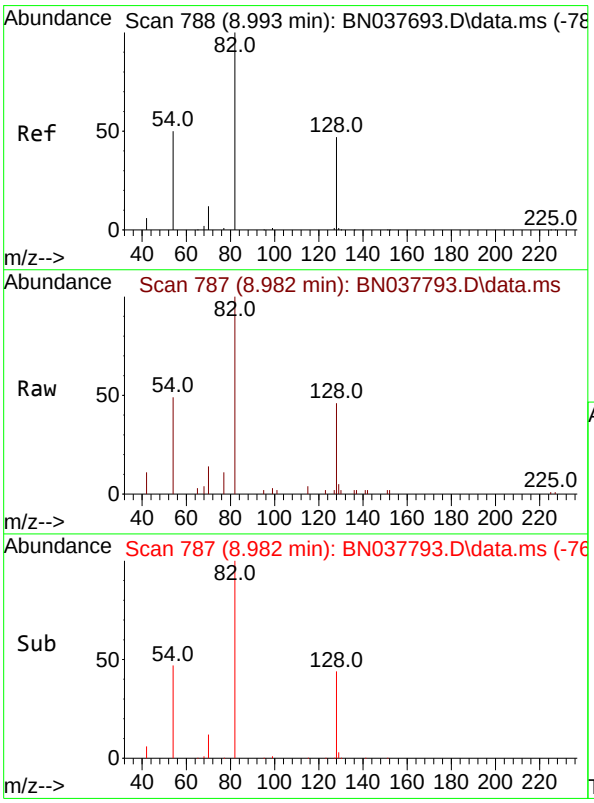
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037793.D
Acq: 19 Sep 2025 00:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 19492

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	6.9	6.3	9.5
68	5.6	5.0	7.4

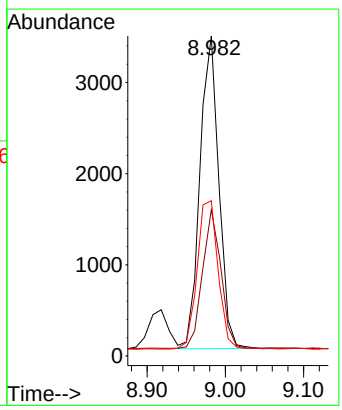


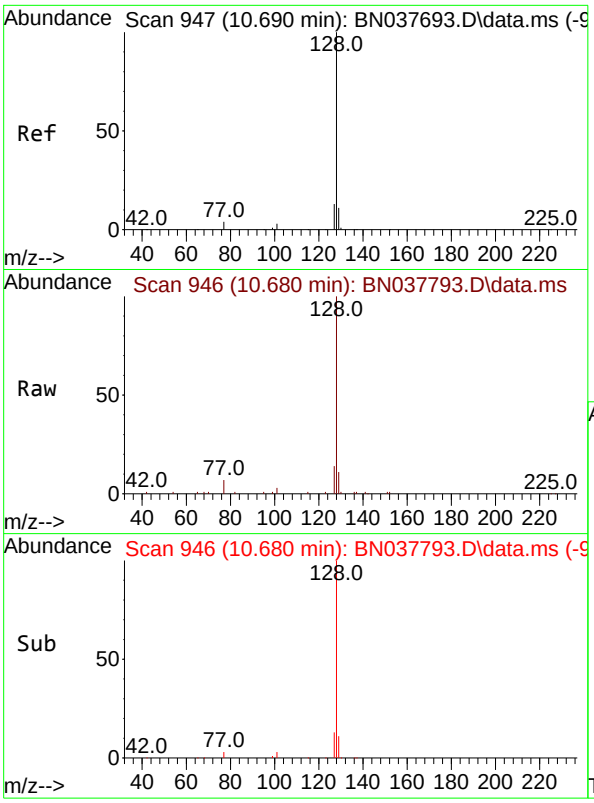


#8
Nitrobenzene-d5
Concen: 0.404 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN037793.D
Acq: 19 Sep 2025 00:52

Tgt Ion: 82 Resp: 5756

Ion	Ratio	Lower	Upper
82	100		
128	45.7	38.3	57.5
54	48.5	41.4	62.2



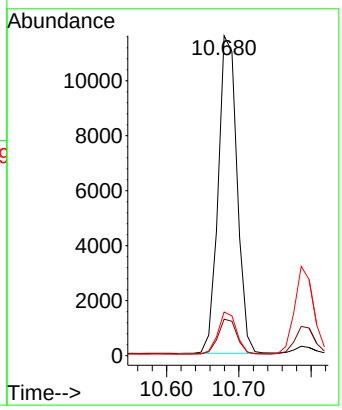


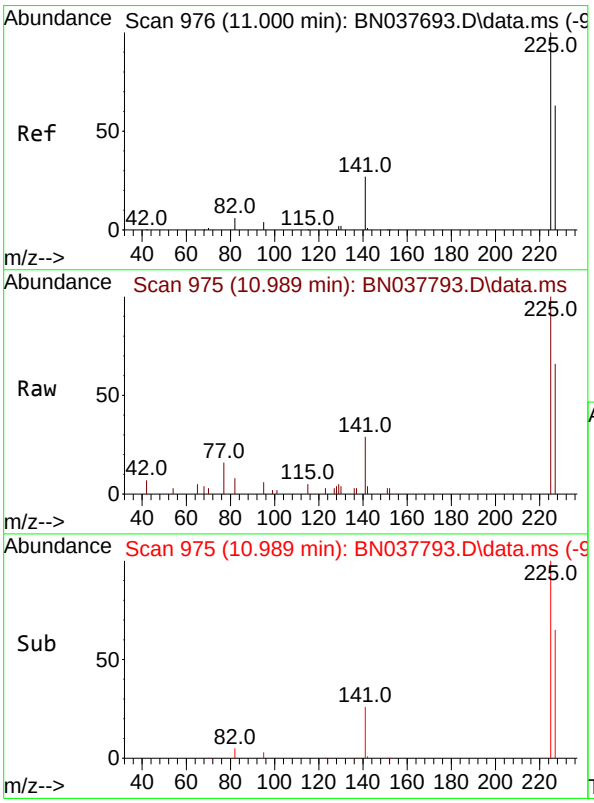
#9
Naphthalene
Concen: 0.393 ng
RT: 10.680 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037793.D
Acq: 19 Sep 2025 00:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 20919

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.1	13.7
127	13.7	10.9	16.3

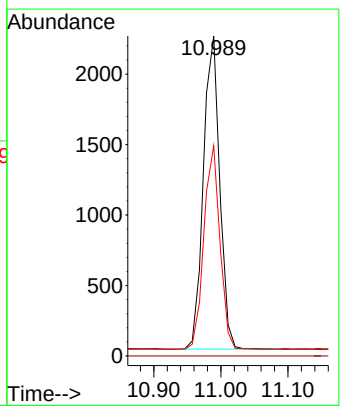


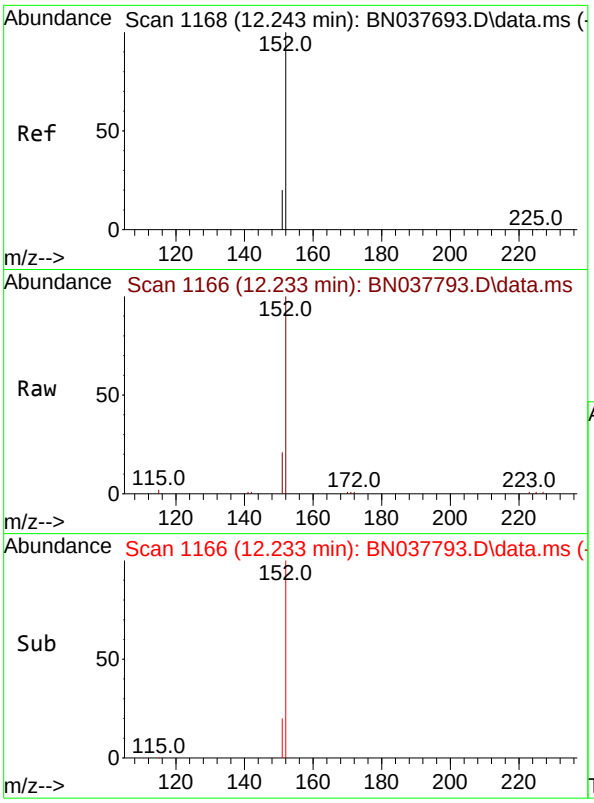


#10
Hexachlorobutadiene
Concen: 0.389 ng
RT: 10.989 min Scan# 975
Delta R.T. -0.011 min
Lab File: BN037793.D
Acq: 19 Sep 2025 00:52

Tgt Ion:225 Resp: 3750

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	50.9	76.3



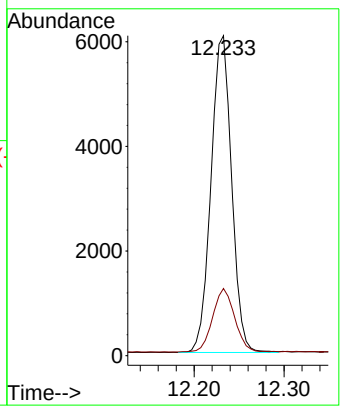


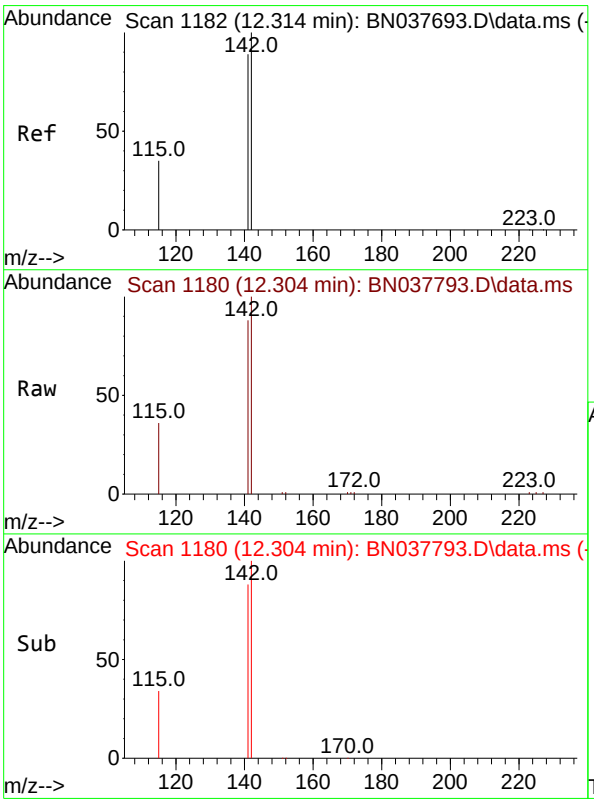
#11
2-Methylnaphthalene-d10
Concen: 0.374 ng
RT: 12.233 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN037793.D
Acq: 19 Sep 2025 00:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 9662

Ion	Ratio	Lower	Upper
152	100		
151	21.4	17.0	25.6

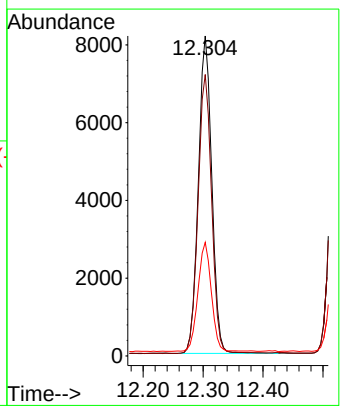


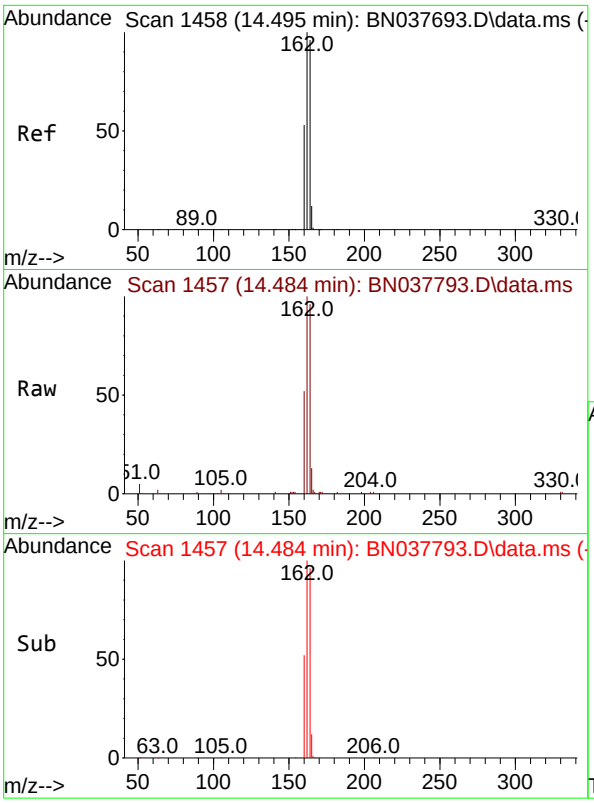


#12
2-Methylnaphthalene
Concen: 0.385 ng
RT: 12.304 min Scan# 1180
Delta R.T. -0.010 min
Lab File: BN037793.D
Acq: 19 Sep 2025 00:52

Tgt Ion:142 Resp: 12695

Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.6	107.4
115	35.5	28.6	43.0



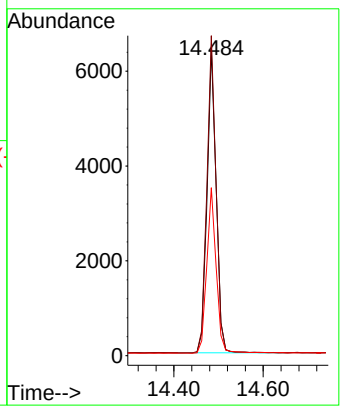


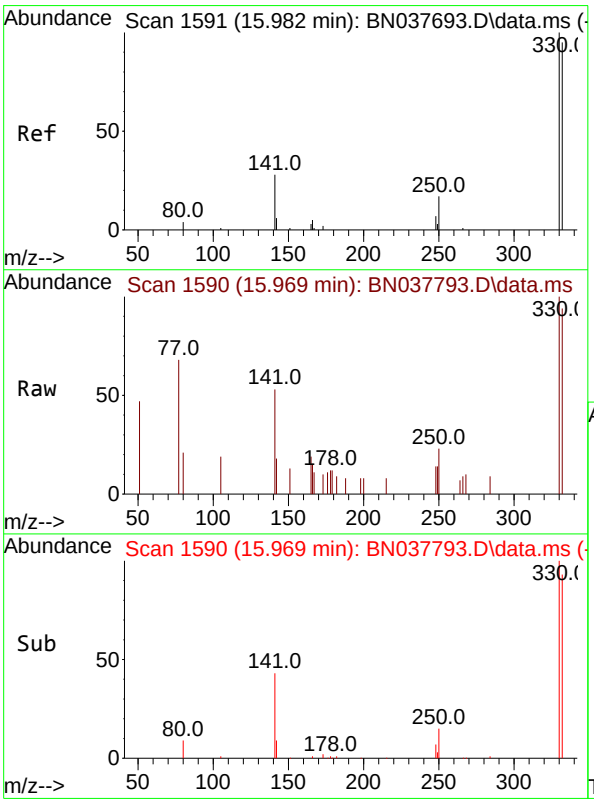
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN037793.D
Acq: 19 Sep 2025 00:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 9091

Ion	Ratio	Lower	Upper
164	100		
162	104.3	83.1	124.7
160	54.7	44.3	66.5

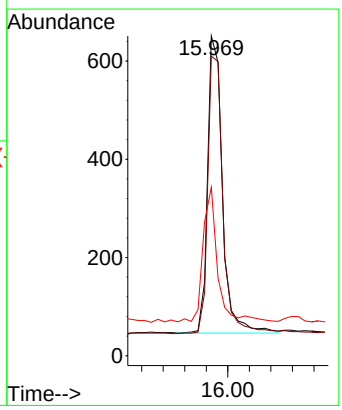


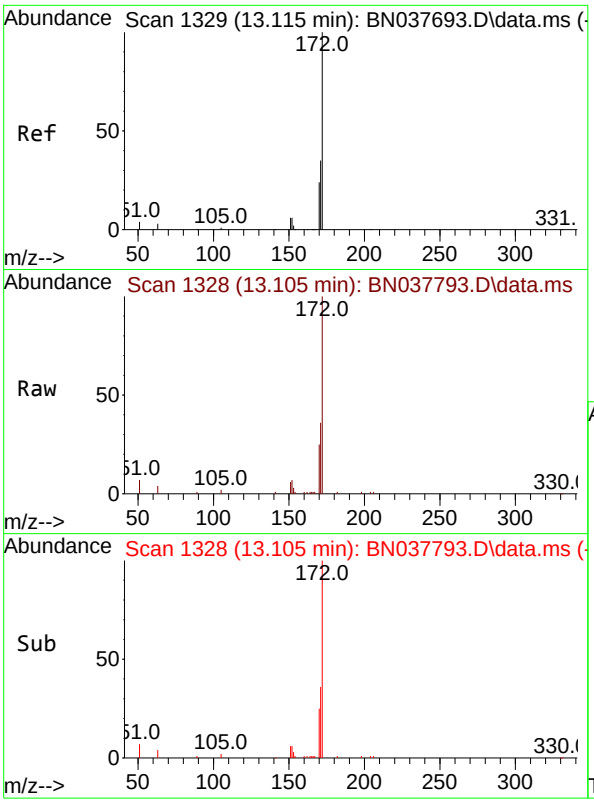


#14
2,4,6-Tribromophenol
Concen: 0.488 ng
RT: 15.969 min Scan# 1590
Delta R.T. -0.013 min
Lab File: BN037793.D
Acq: 19 Sep 2025 00:52

Tgt Ion:330 Resp: 1156

Ion	Ratio	Lower	Upper
330	100		
332	96.0	75.3	112.9
141	44.0	35.0	52.4



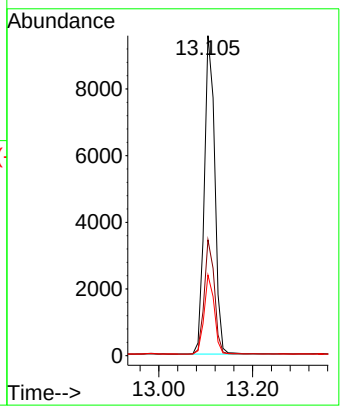


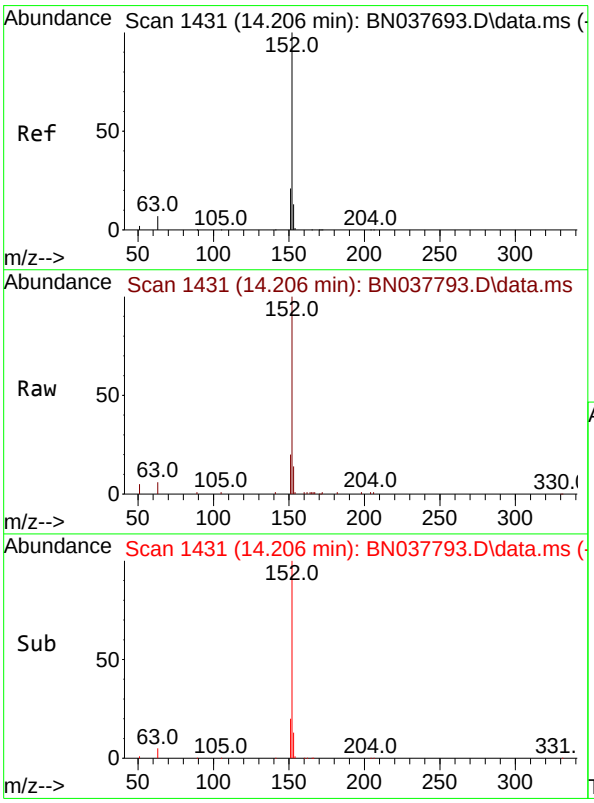
#15
2-Fluorobiphenyl
Concen: 0.390 ng
RT: 13.105 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN037793.D
Acq: 19 Sep 2025 00:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 14833

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	25.2	19.8	29.8

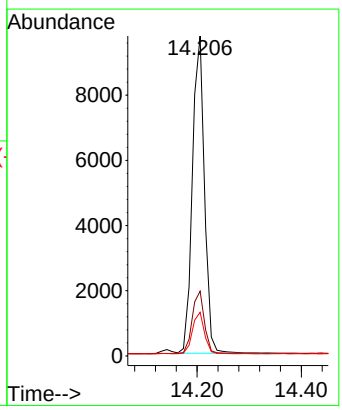


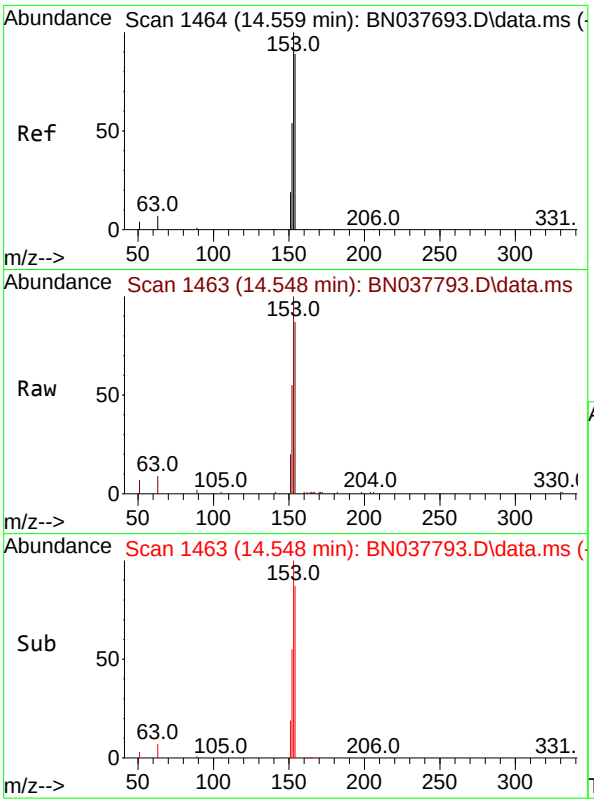


#16
Acenaphthylene
Concen: 0.377 ng
RT: 14.206 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BN037793.D
Acq: 19 Sep 2025 00:52

Tgt Ion:152 Resp: 15704

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.2	24.2
153	13.2	10.4	15.6



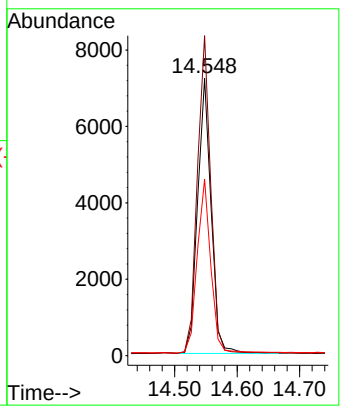


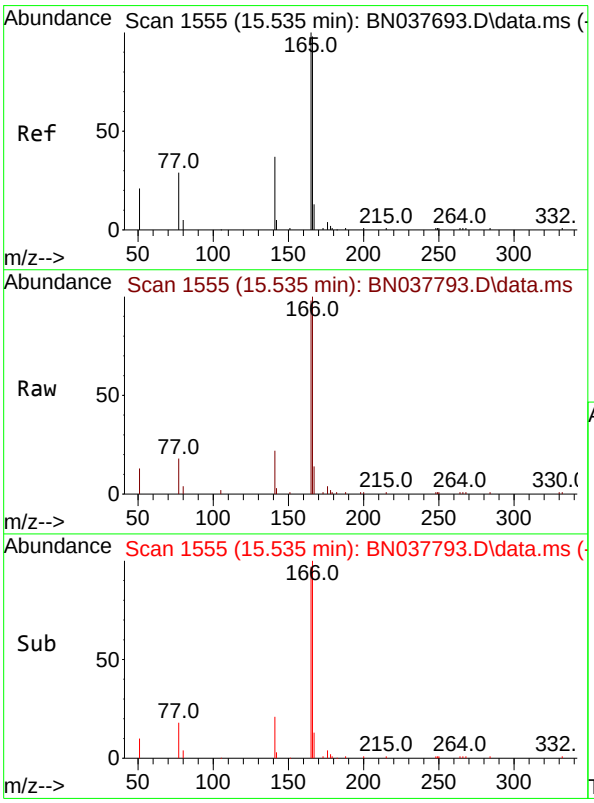
#17
Acenaphthene
Concen: 0.384 ng
RT: 14.548 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN037793.D
Acq: 19 Sep 2025 00:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 10816

Ion	Ratio	Lower	Upper
154	100		
153	114.7	89.8	134.8
152	63.7	50.2	75.2

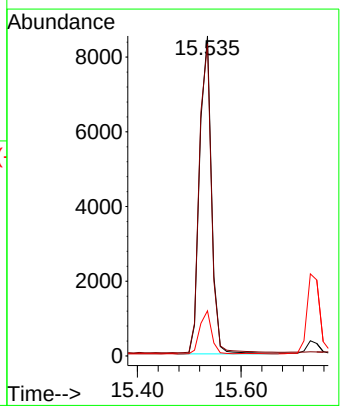


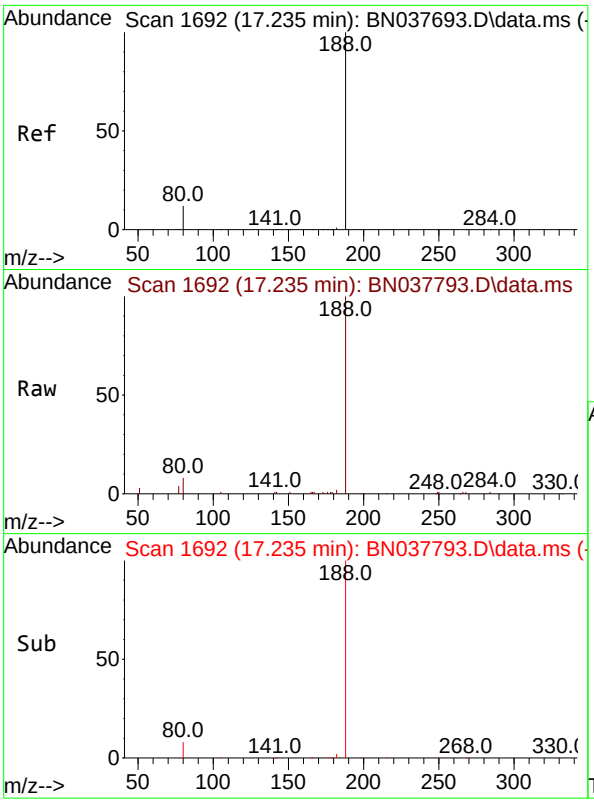


#18
Fluorene
Concen: 0.386 ng
RT: 15.535 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BN037793.D
Acq: 19 Sep 2025 00:52

Tgt Ion:166 Resp: 13166

Ion	Ratio	Lower	Upper
166	100		
165	97.1	79.6	119.4
167	13.2	10.6	16.0



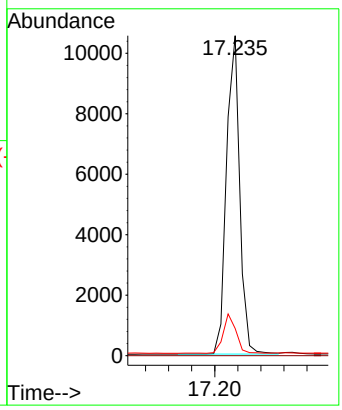


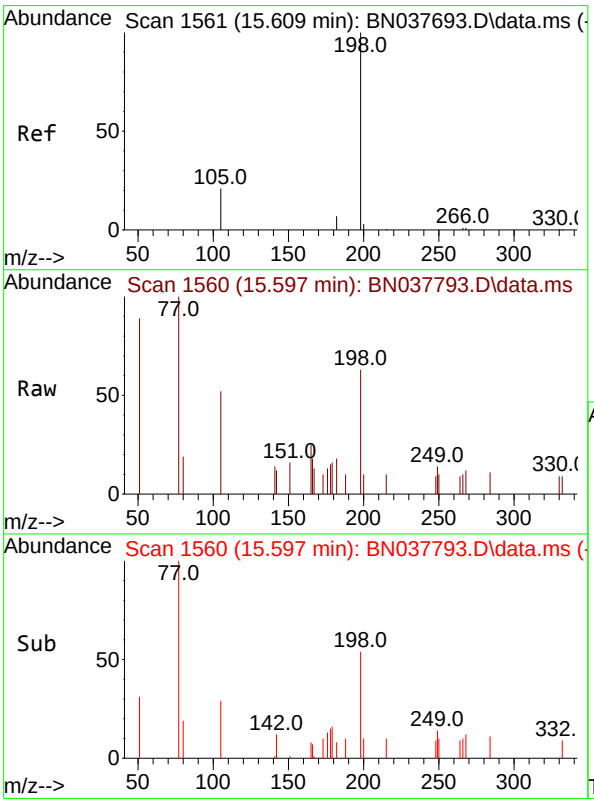
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.235 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037793.D
Acq: 19 Sep 2025 00:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 16806

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.5	10.6	15.8#

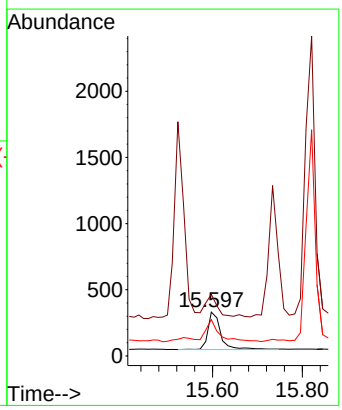


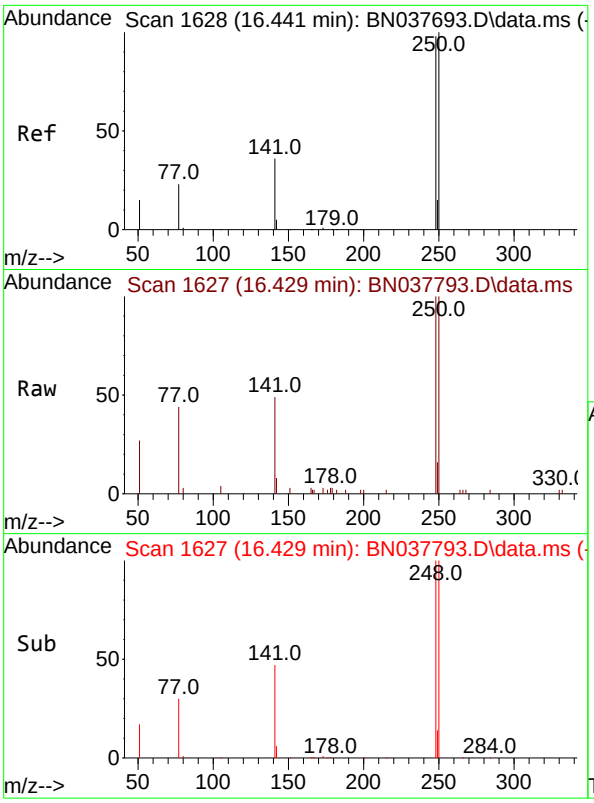


#20
4,6-Dinitro-2-methylphenol
Concen: 0.362 ng
RT: 15.597 min Scan# 1560
Delta R.T. -0.012 min
Lab File: BN037793.D
Acq: 19 Sep 2025 00:52

Tgt Ion:198 Resp: 563

Ion	Ratio	Lower	Upper
198	100		
51	140.5	95.1	142.7
105	82.8	53.8	80.6#



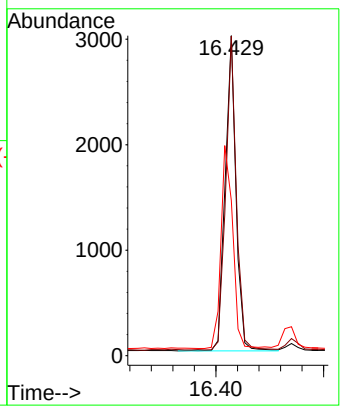


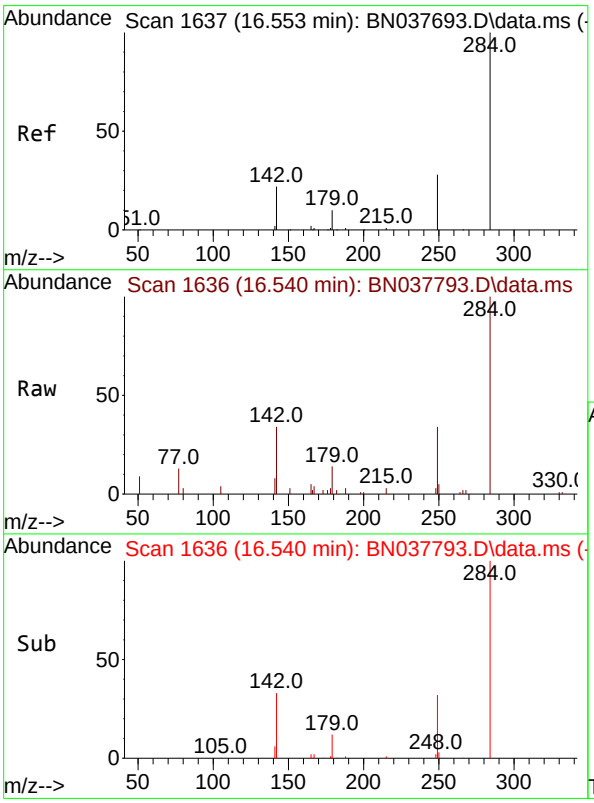
#21
4-Bromophenyl-phenylether
Concen: 0.383 ng
RT: 16.429 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037793.D
Acq: 19 Sep 2025 00:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 4194

Ion	Ratio	Lower	Upper
248	100		
250	99.9	81.5	122.3
141	48.5	30.8	46.2#

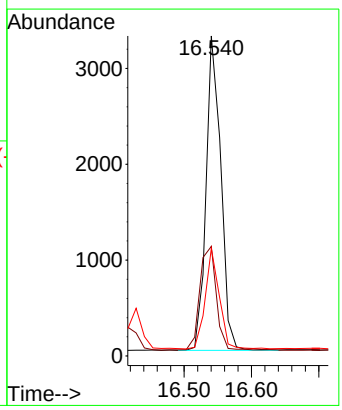


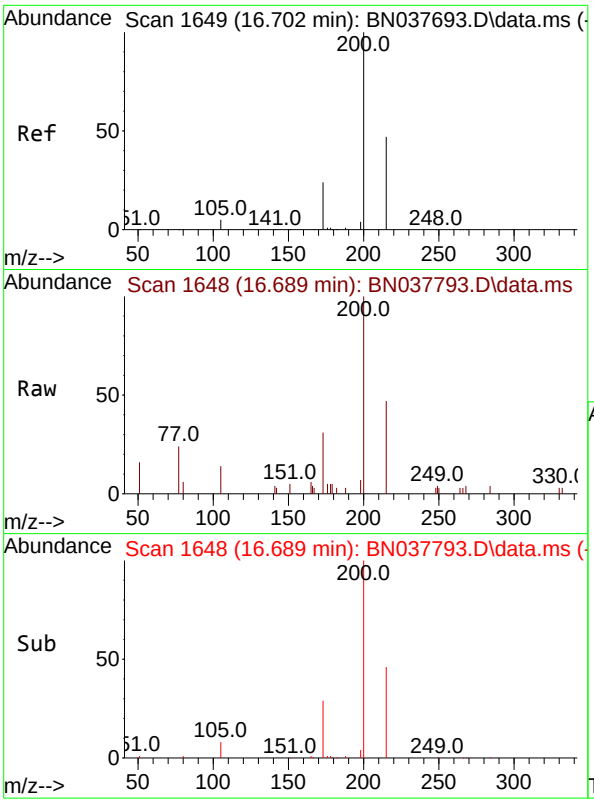


#22
Hexachlorobenzene
Concen: 0.397 ng
RT: 16.540 min Scan# 1636
Delta R.T. -0.012 min
Lab File: BN037793.D
Acq: 19 Sep 2025 00:52

Tgt Ion:284 Resp: 5004

Ion	Ratio	Lower	Upper
284	100		
142	37.2	30.9	46.3
249	30.4	24.8	37.2



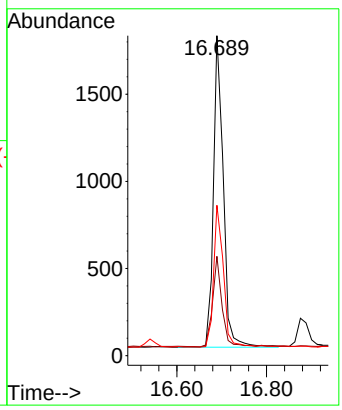


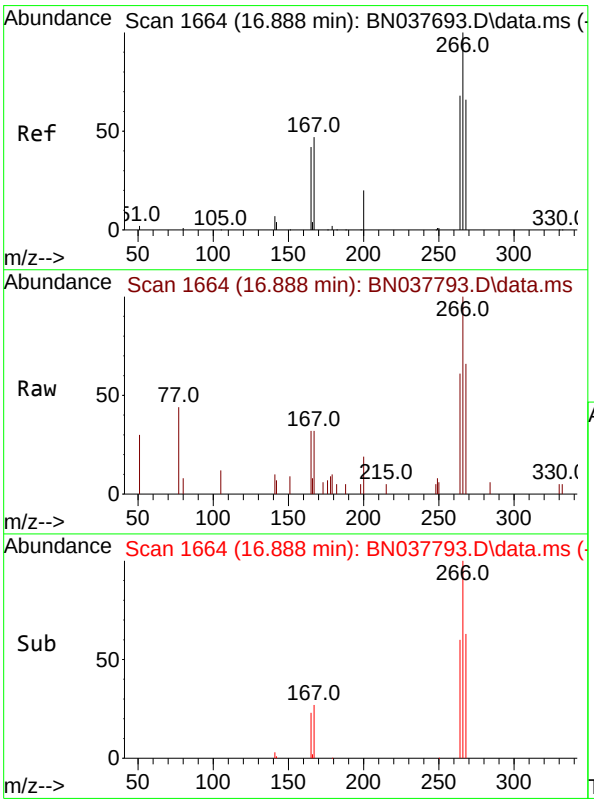
#23
Atrazine
Concen: 0.387 ng
RT: 16.689 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037793.D
Acq: 19 Sep 2025 00:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 2701

Ion	Ratio	Lower	Upper
200	100		
173	31.0	21.4	32.2
215	47.0	39.2	58.8

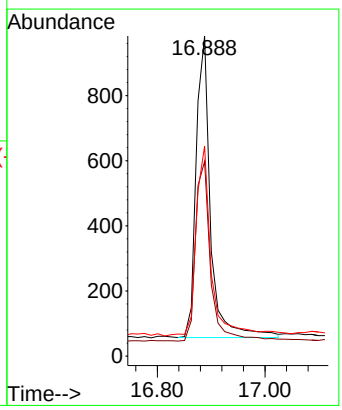


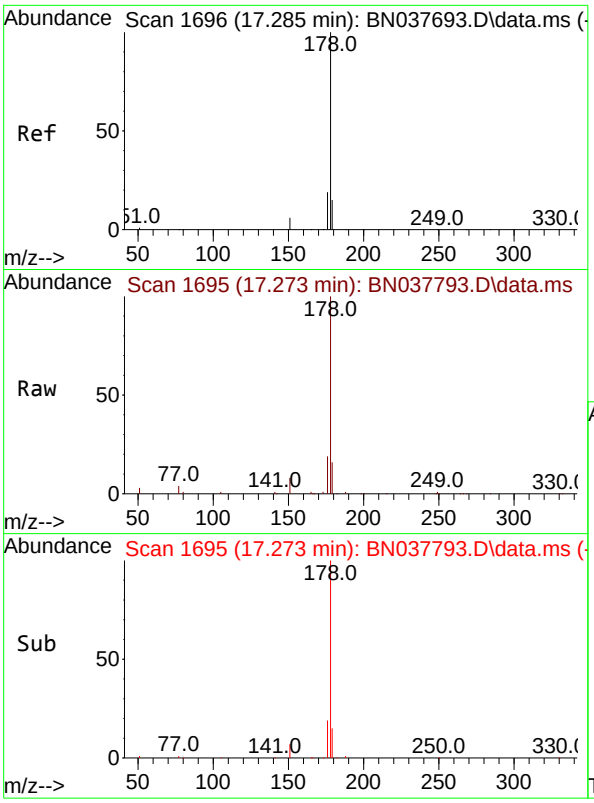


#24
Pentachlorophenol
Concen: 0.470 ng
RT: 16.888 min Scan# 1664
Delta R.T. -0.000 min
Lab File: BN037793.D
Acq: 19 Sep 2025 00:52

Tgt Ion:266 Resp: 1719

Ion	Ratio	Lower	Upper
266	100		
264	62.7	51.6	77.4
268	67.0	53.2	79.8



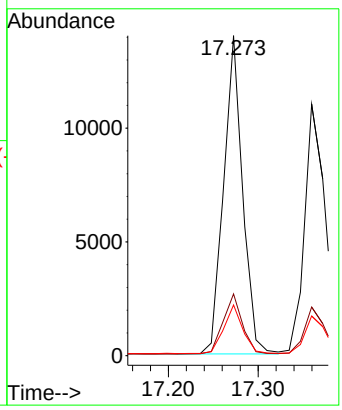


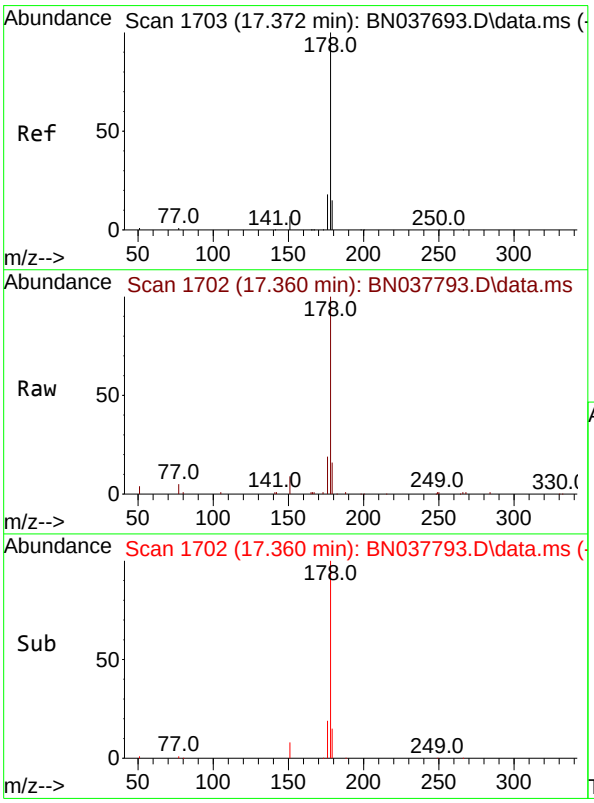
#25
Phenanthrene
Concen: 0.389 ng
RT: 17.273 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037793.D
Acq: 19 Sep 2025 00:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 20559

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.4	12.2	18.2

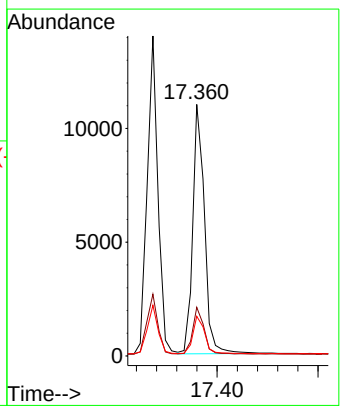


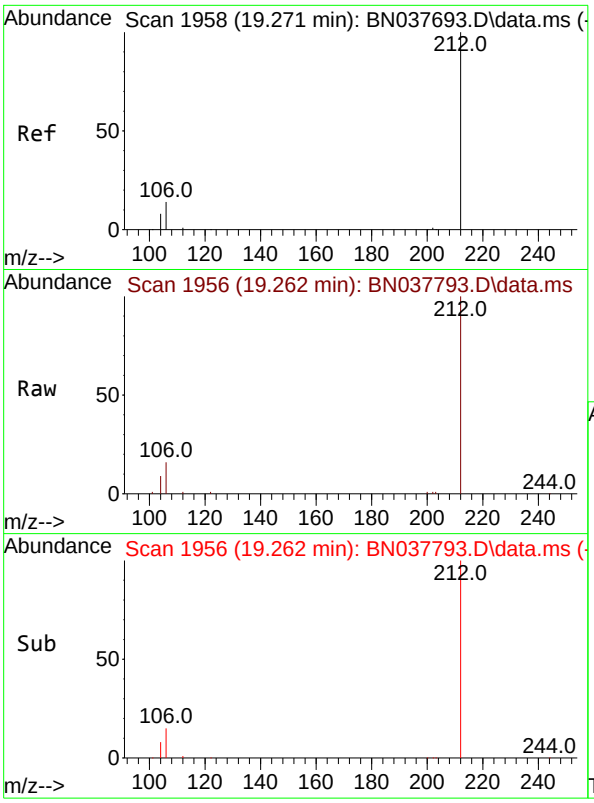


#26
Anthracene
Concen: 0.378 ng
RT: 17.360 min Scan# 1702
Delta R.T. -0.012 min
Lab File: BN037793.D
Acq: 19 Sep 2025 00:52

Tgt Ion:178 Resp: 17722

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	22.0
179	15.2	12.2	18.4



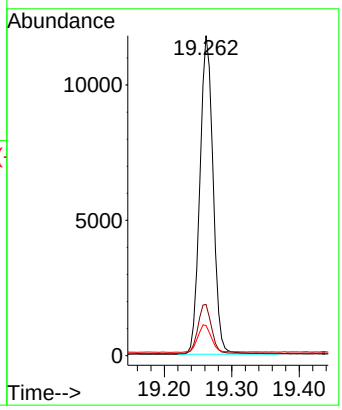


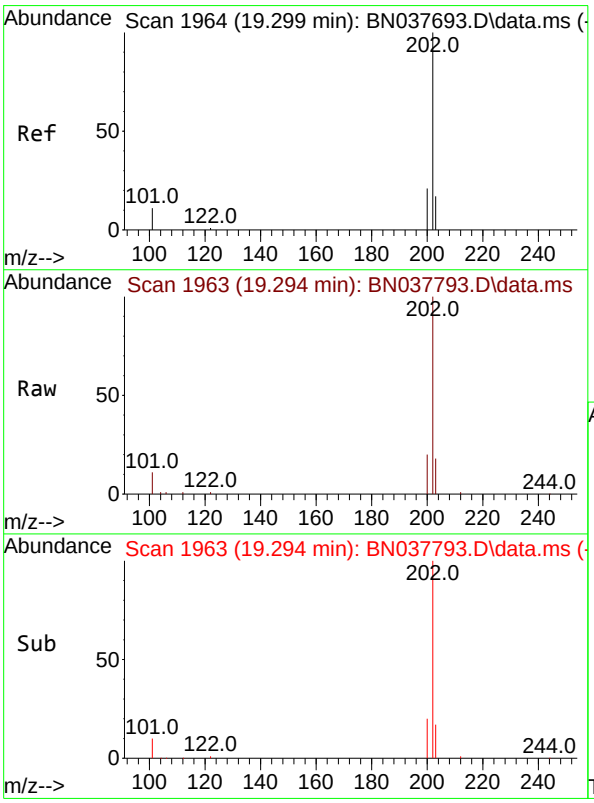
#27
Fluoranthene-d10
Concen: 0.380 ng
RT: 19.262 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN037793.D
Acq: 19 Sep 2025 00:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 16028

Ion	Ratio	Lower	Upper
212	100		
106	15.6	12.2	18.2
104	9.0	6.9	10.3

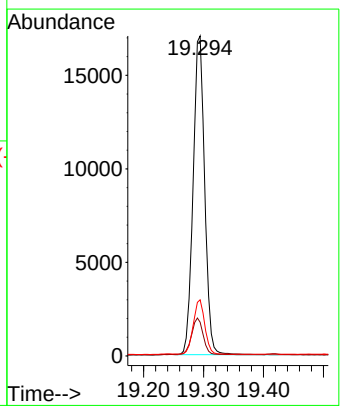


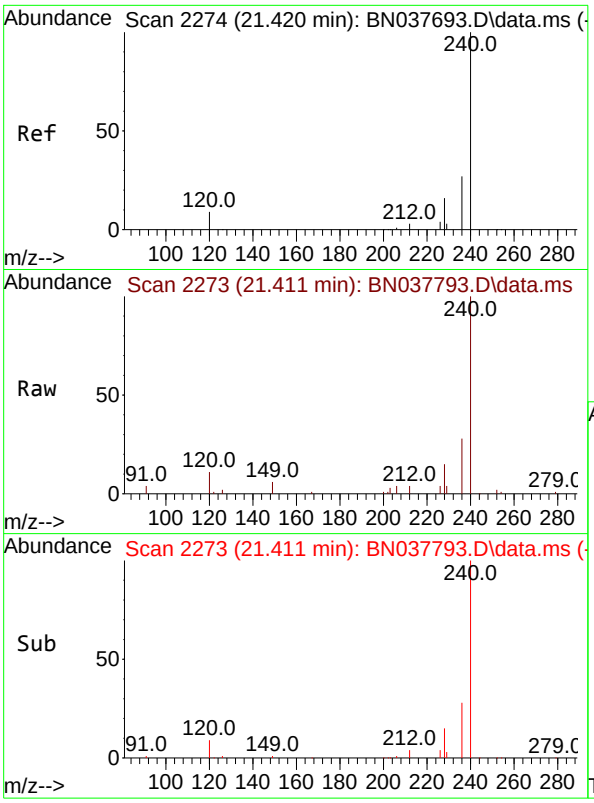


#28
Fluoranthene
Concen: 0.394 ng
RT: 19.294 min Scan# 1963
Delta R.T. -0.005 min
Lab File: BN037793.D
Acq: 19 Sep 2025 00:52

Tgt Ion:202 Resp: 22839

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.3	13.9
203	16.9	13.7	20.5



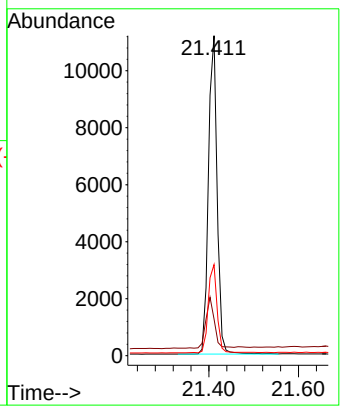


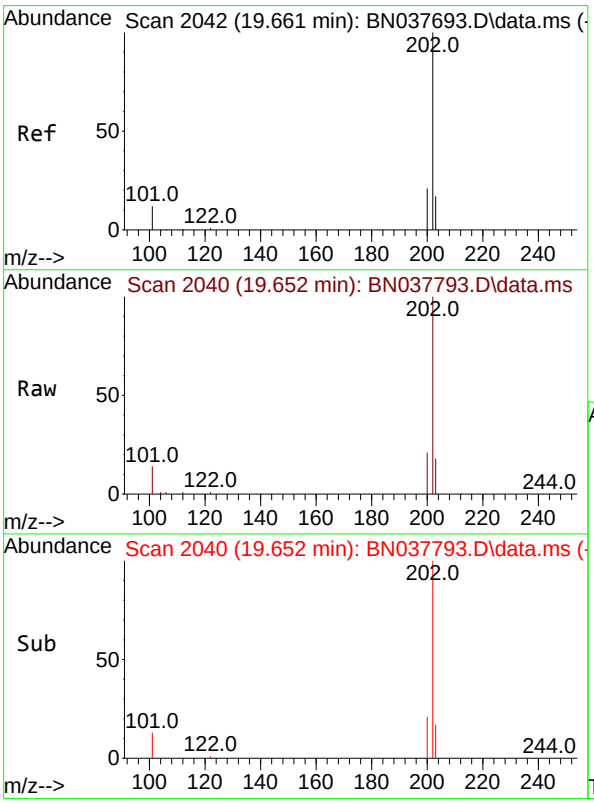
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037793.D
Acq: 19 Sep 2025 00:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 15128

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.2	13.8
236	28.5	22.6	33.8

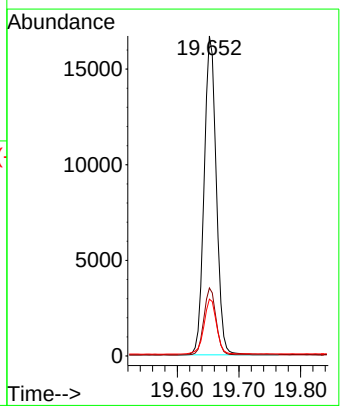


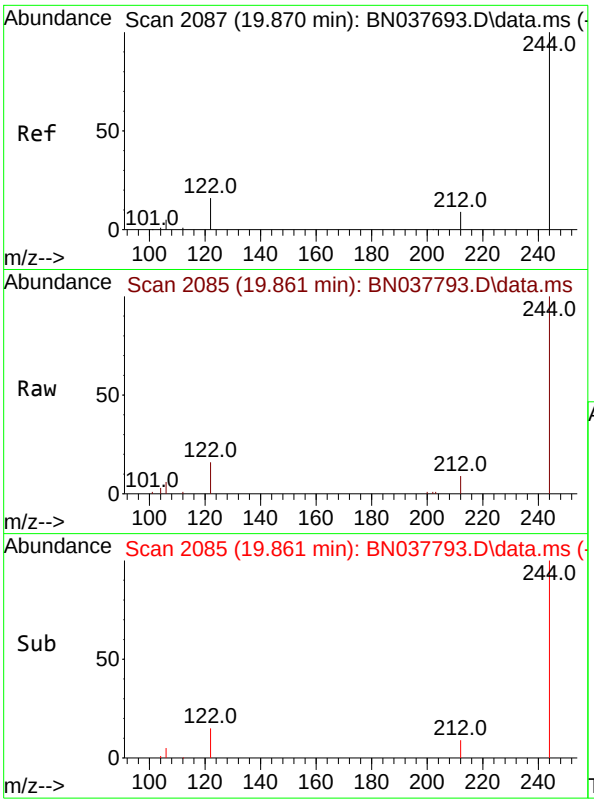


#30
Pyrene
Concen: 0.384 ng
RT: 19.652 min Scan# 2040
Delta R.T. -0.009 min
Lab File: BN037793.D
Acq: 19 Sep 2025 00:52

Tgt Ion:202 Resp: 22743

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.8	25.2
203	18.0	14.3	21.5



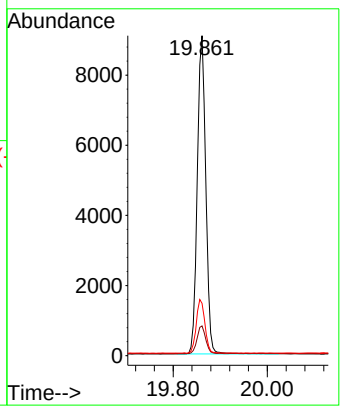


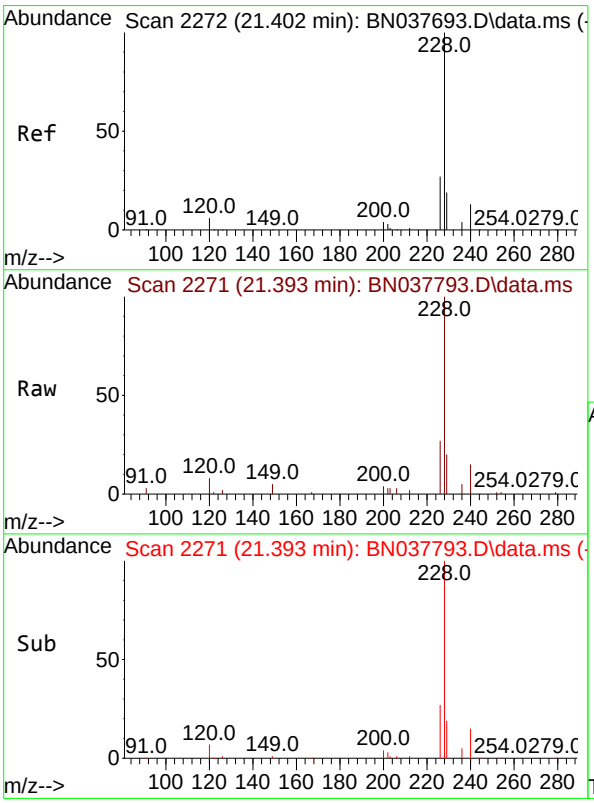
#31
Terphenyl-d14
Concen: 0.387 ng
RT: 19.861 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037793.D
Acq: 19 Sep 2025 00:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 11883

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.5	11.3
122	16.4	13.2	19.8

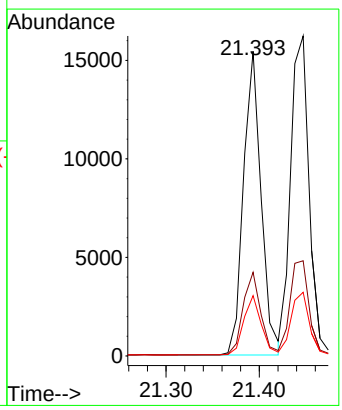


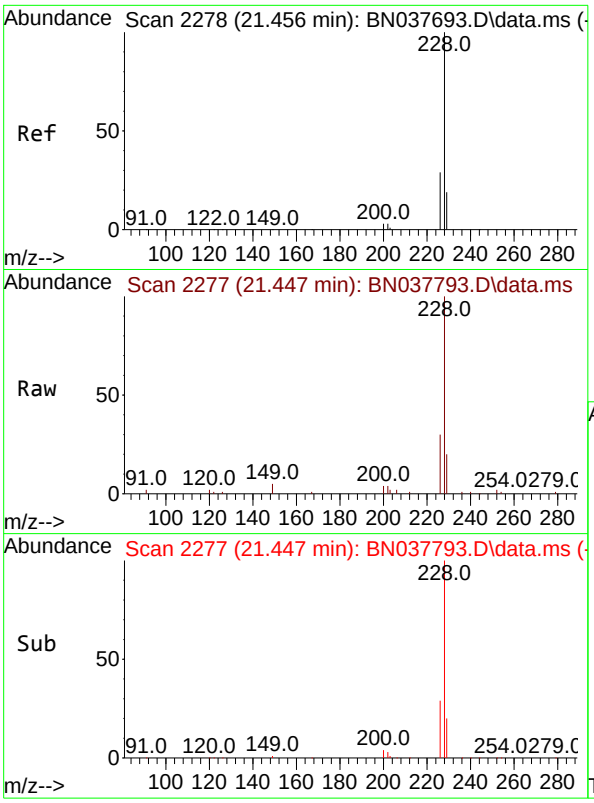


#32
Benzo(a)anthracene
Concen: 0.385 ng
RT: 21.393 min Scan# 2271
Delta R.T. -0.009 min
Lab File: BN037793.D
Acq: 19 Sep 2025 00:52

Tgt Ion:228 Resp: 20290

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.2	33.2
229	19.8	15.8	23.6



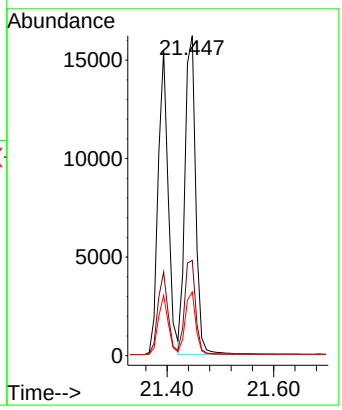


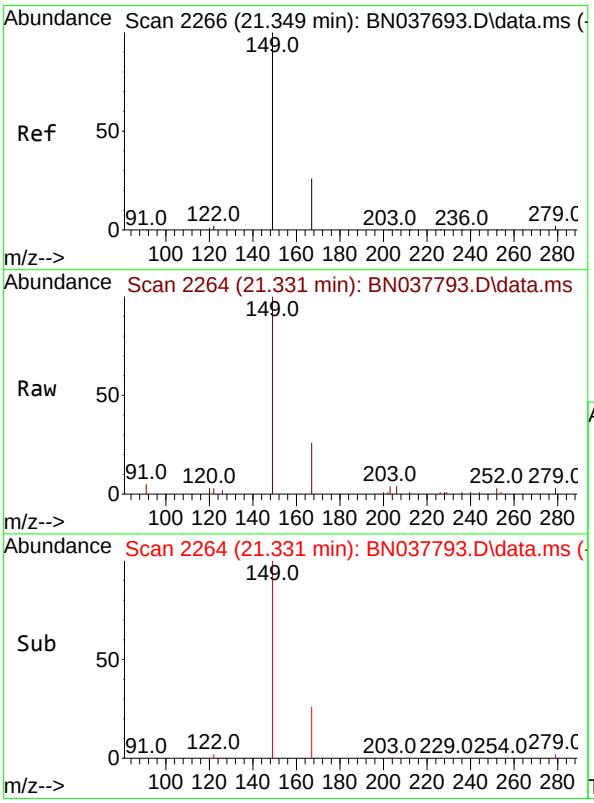
#33
Chrysene
Concen: 0.399 ng
RT: 21.447 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037793.D
Acq: 19 Sep 2025 00:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 22567

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.5	35.3
229	19.9	15.9	23.9

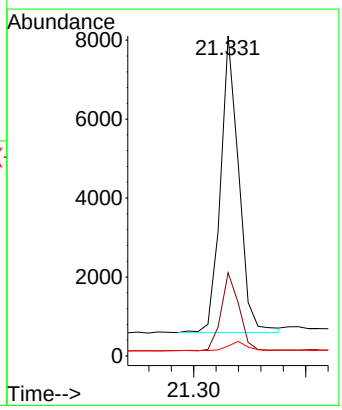


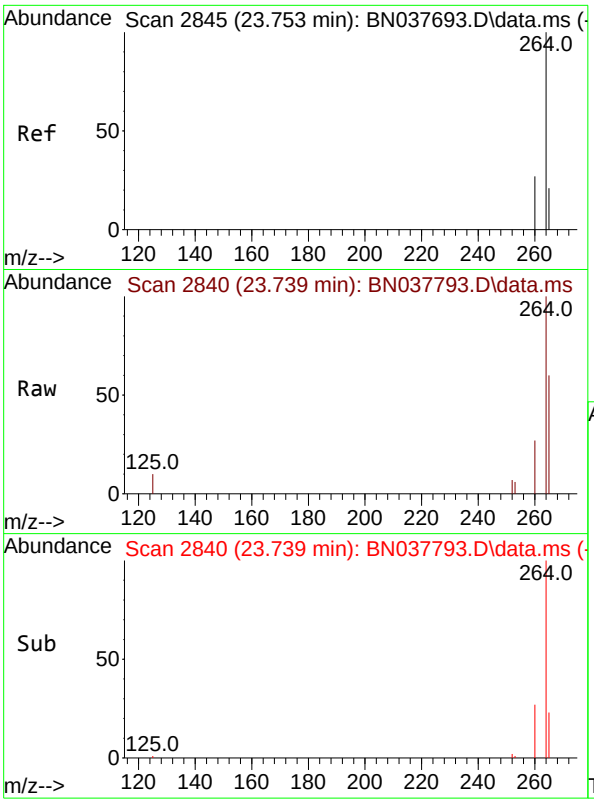


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.545 ng
RT: 21.331 min Scan# 2264
Delta R.T. -0.018 min
Lab File: BN037793.D
Acq: 19 Sep 2025 00:52

Tgt Ion:149 Resp: 8520

Ion	Ratio	Lower	Upper
149	100		
167	25.7	20.8	31.2
279	3.3	3.3	4.9



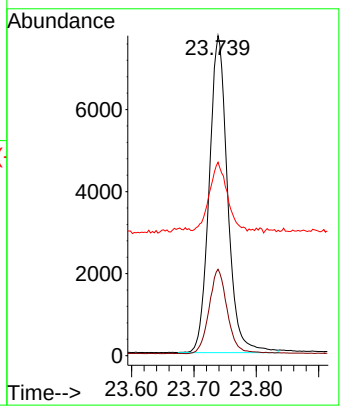


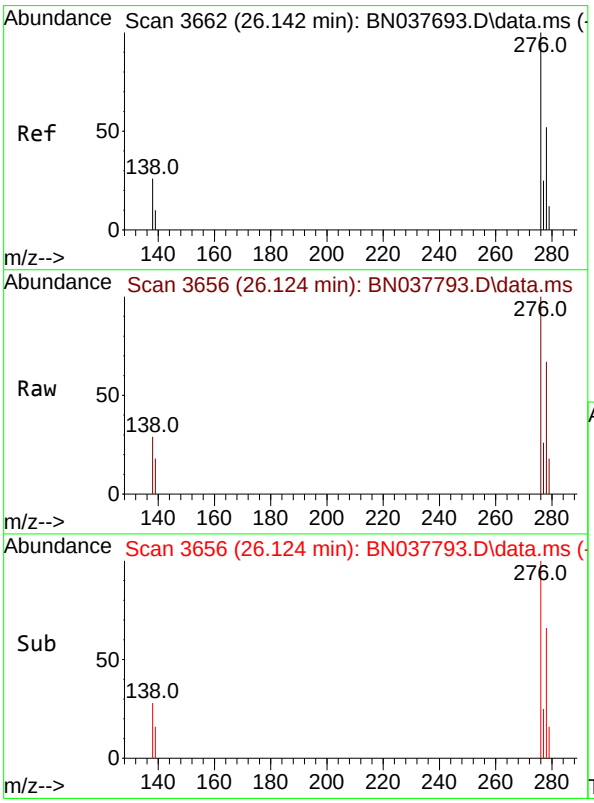
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.739 min Scan# 2
Delta R.T. -0.015 min
Lab File: BN037793.D
Acq: 19 Sep 2025 00:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 15864

Ion	Ratio	Lower	Upper
264	100		
260	27.0	21.8	32.8
265	60.5	39.4	59.2#

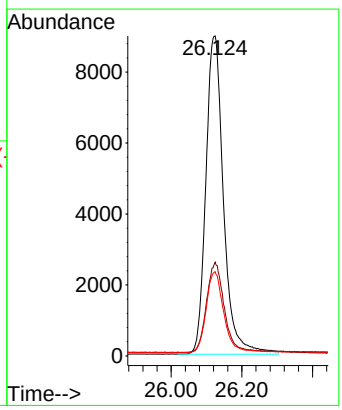


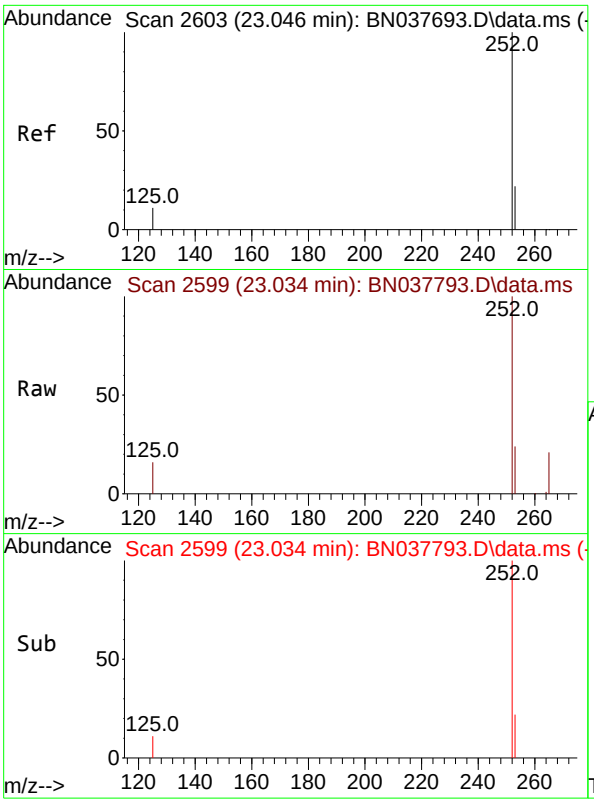


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.467 ng
RT: 26.124 min Scan# 3656
Delta R.T. -0.018 min
Lab File: BN037793.D
Acq: 19 Sep 2025 00:52

Tgt Ion:276 Resp: 31159

Ion	Ratio	Lower	Upper
276	100		
138	28.2	21.9	32.9
277	25.3	20.1	30.1



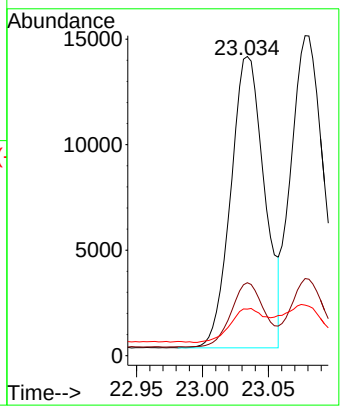


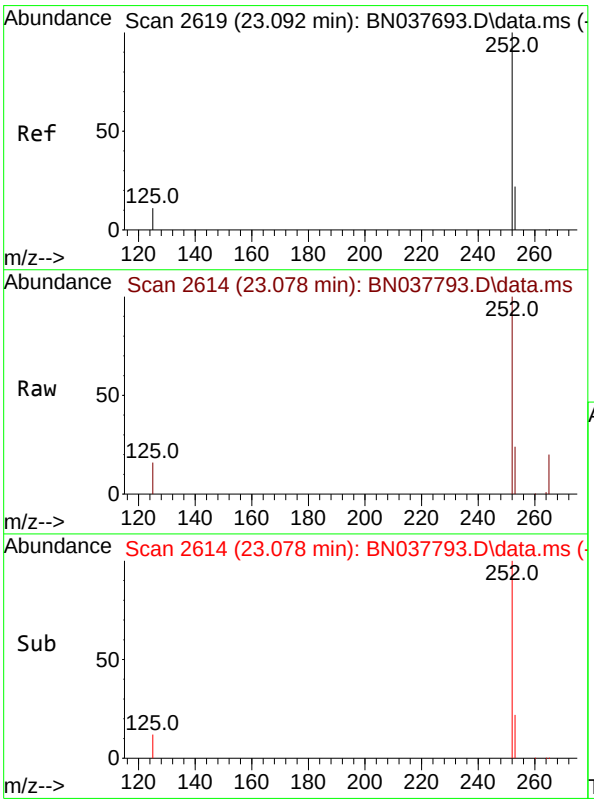
#37
Benzo(b)fluoranthene
Concen: 0.393 ng
RT: 23.034 min Scan# 2
Delta R.T. -0.012 min
Lab File: BN037793.D
Acq: 19 Sep 2025 00:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 24537

Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.4	29.2
125	15.6	11.2	16.8

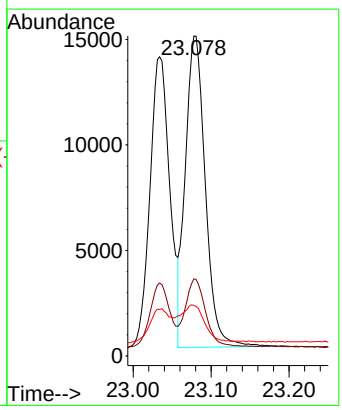


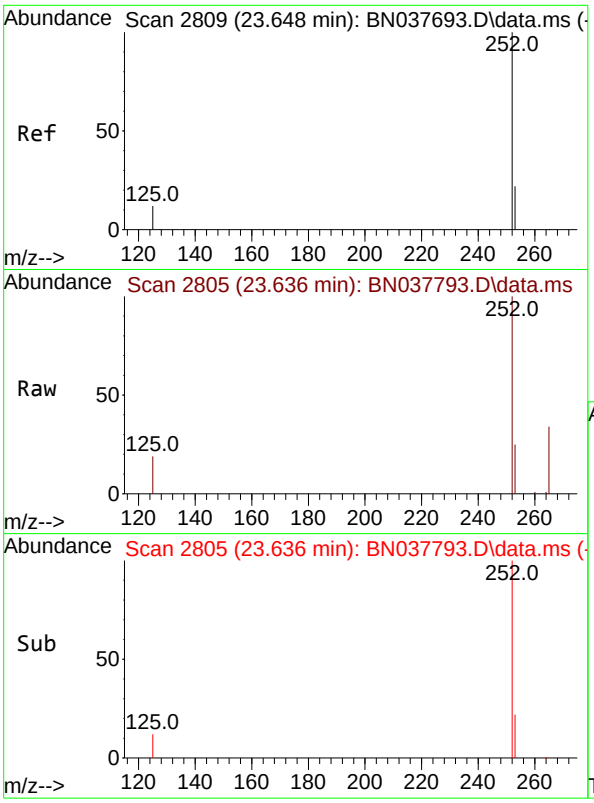


#38
Benzo(k)fluoranthene
Concen: 0.412 ng
RT: 23.078 min Scan# 2614
Delta R.T. -0.015 min
Lab File: BN037793.D
Acq: 19 Sep 2025 00:52

Tgt Ion:252 Resp: 26227

Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.4	29.0
125	15.8	11.6	17.4



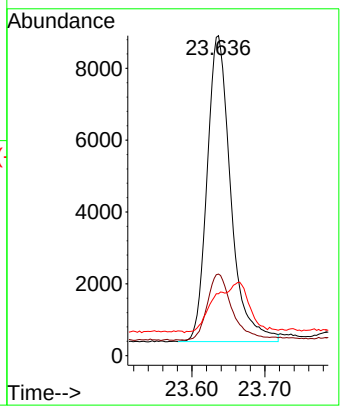


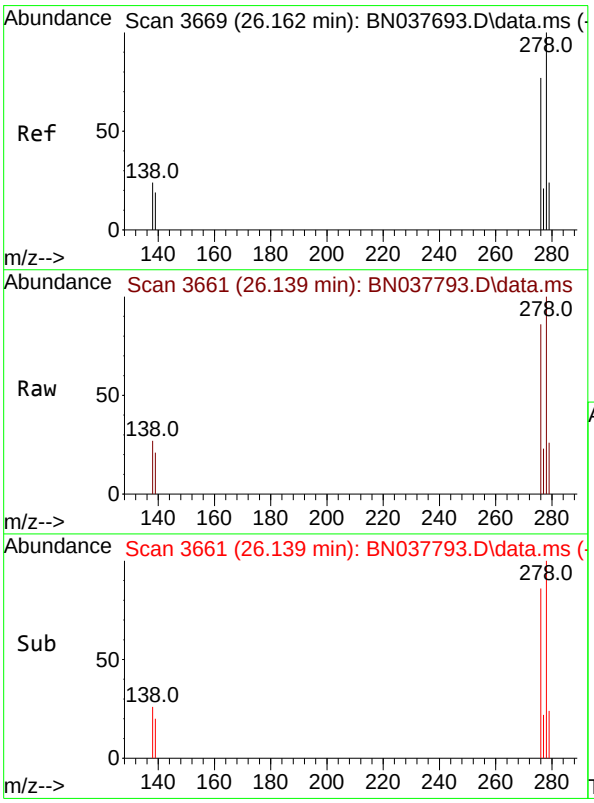
#39
Benzo(a)pyrene
Concen: 0.384 ng
RT: 23.636 min Scan# 2
Delta R.T. -0.012 min
Lab File: BN037793.D
Acq: 19 Sep 2025 00:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 19199

Ion	Ratio	Lower	Upper
252	100		
253	25.5	20.8	31.2
125	19.4	13.9	20.9

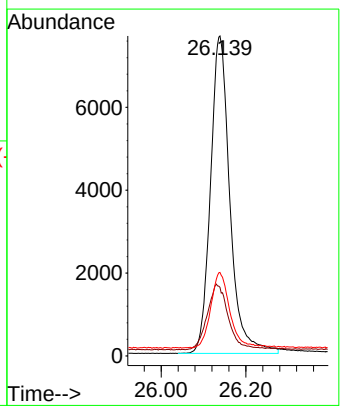


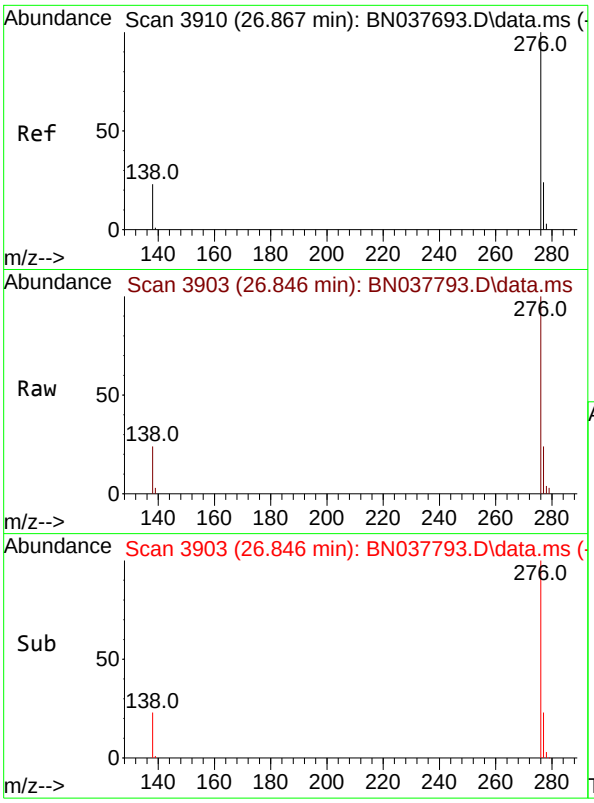


#40
Dibenzo(a,h)anthracene
Concen: 0.459 ng
RT: 26.139 min Scan# 3661
Delta R.T. -0.023 min
Lab File: BN037793.D
Acq: 19 Sep 2025 00:52

Tgt Ion:278 Resp: 24445

Ion	Ratio	Lower	Upper
278	100		
139	21.4	17.8	26.6
279	26.1	22.0	33.0





#41
Benzo(g,h,i)perylene
Concen: 0.413 ng
RT: 26.846 min Scan# 3
Delta R.T. -0.021 min
Lab File: BN037793.D
Acq: 19 Sep 2025 00:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 24646

Ion	Ratio	Lower	Upper
276	100		
277	24.1	20.6	31.0
138	24.2	20.2	30.2