Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062125\
Data File : BN037363.D
Acq On : 20 Jun 2025 23:28
Operator : RC/JU
Sample : PB168563BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB168563BS

Quant Time: Jun 20 23:54:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 20 23:41:54 2025
Response via : Initial Calibration

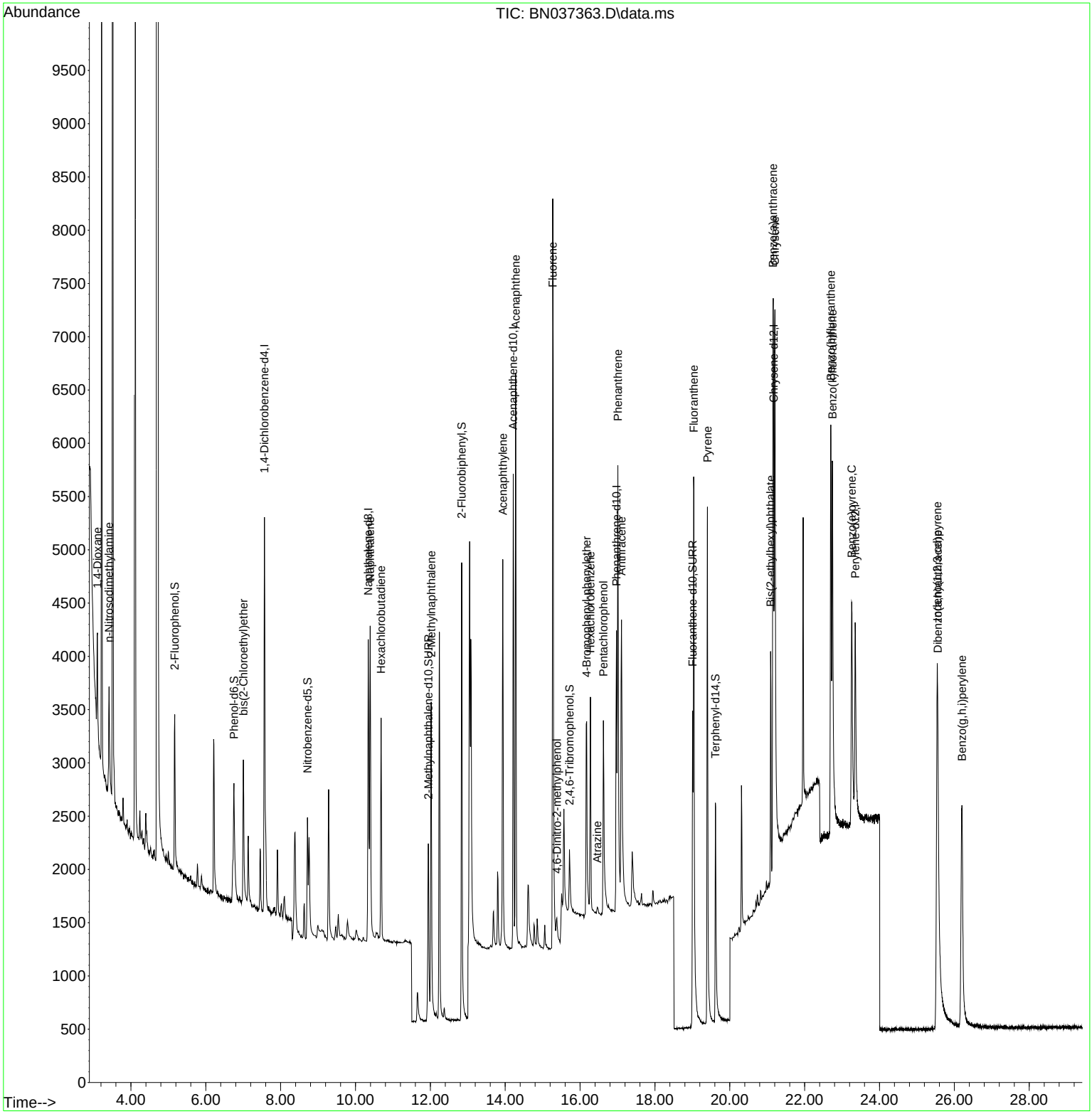
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.568	152	1960	0.400	ng		0.00
7) Naphthalene-d8	10.340	136	4204	0.400	ng		# 0.00
13) Acenaphthene-d10	14.213	164	2586	0.400	ng		0.00
19) Phenanthrene-d10	16.971	188	4830	0.400	ng		0.00
29) Chrysene-d12	21.171	240	3875	0.400	ng		0.00
35) Perylene-d12	23.351	264	2749	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.170	112	1356	0.346	ng		0.00
5) Phenol-d6	6.752	99	1369	0.339	ng		0.00
8) Nitrobenzene-d5	8.717	82	1246	0.367	ng		0.00
11) 2-Methylnaphthalene-d10	11.945	152	3338	0.490	ng		0.00
14) 2,4,6-Tribromophenol	15.718	330	509	0.336	ng		0.00
15) 2-Fluorobiphenyl	12.838	172	4401	0.387	ng		0.00
27) Fluoranthene-d10	19.007	212	4783	0.345	ng		0.00
31) Terphenyl-d14	19.616	244	3479	0.394	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.104	88	631	0.317	ng	#	32
3) n-Nitrosodimethylamine	3.415	42	717	0.392	ng	#	82
6) bis(2-Chloroethyl)ether	7.004	93	1334	0.373	ng		97
9) Naphthalene	10.394	128	4124	0.372	ng	#	90
10) Hexachlorobutadiene	10.682	225	1728	0.394	ng	#	99
12) 2-Methylnaphthalene	12.021	142	2530	0.327	ng		94
16) Acenaphthylene	13.935	152	4145	0.381	ng		98
17) Acenaphthene	14.277	154	2614	0.365	ng		99
18) Fluorene	15.271	166	3566	0.355	ng		99
20) 4,6-Dinitro-2-methylph...	15.378	198	387	0.333	ng		89
21) 4-Bromophenyl-phenylether	16.177	248	1258	0.366	ng		98
22) Hexachlorobenzene	16.276	284	1521	0.406	ng		99
23) Atrazine	16.462	200	89	0.032	ng	#	63
24) Pentachlorophenol	16.624	266	1322	0.709	ng		95
25) Phenanthrene	17.009	178	5063	0.362	ng		99
26) Anthracene	17.108	178	4541	0.352	ng		98
28) Fluoranthene	19.035	202	6071	0.343	ng	#	99
30) Pyrene	19.402	202	5679	0.361	ng		99
32) Benzo(a)anthracene	21.153	228	4660	0.366	ng		99
33) Chrysene	21.206	228	6398	0.414	ng		98
34) Bis(2-ethylhexyl)phtha...	21.090	149	1970	0.377	ng	#	98
36) Indeno(1,2,3-cd)pyrene	25.541	276	6014	0.488	ng	#	92
37) Benzo(b)fluoranthene	22.699	252	5246	0.519	ng	#	98
38) Benzo(k)fluoranthene	22.743	252	5910	0.539	ng		99
39) Benzo(a)pyrene	23.254	252	4418	0.487	ng	#	96
40) Dibenzo(a,h)anthracene	25.555	278	4975	0.537	ng		95
41) Benzo(g,h,i)perylene	26.201	276	5107	0.464	ng	#	98

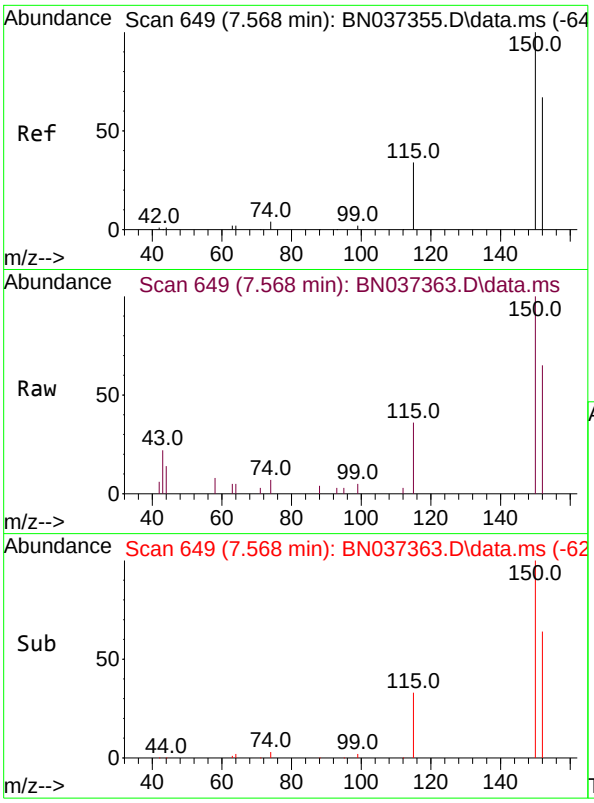
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062125\
Data File : BN037363.D
Acq On : 20 Jun 2025 23:28
Operator : RC/JU
Sample : PB168563BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB168563BS

Quant Time: Jun 20 23:54:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 20 23:41:54 2025
Response via : Initial Calibration



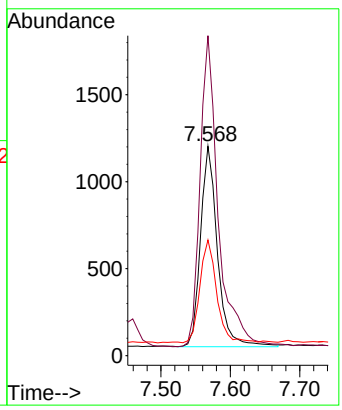


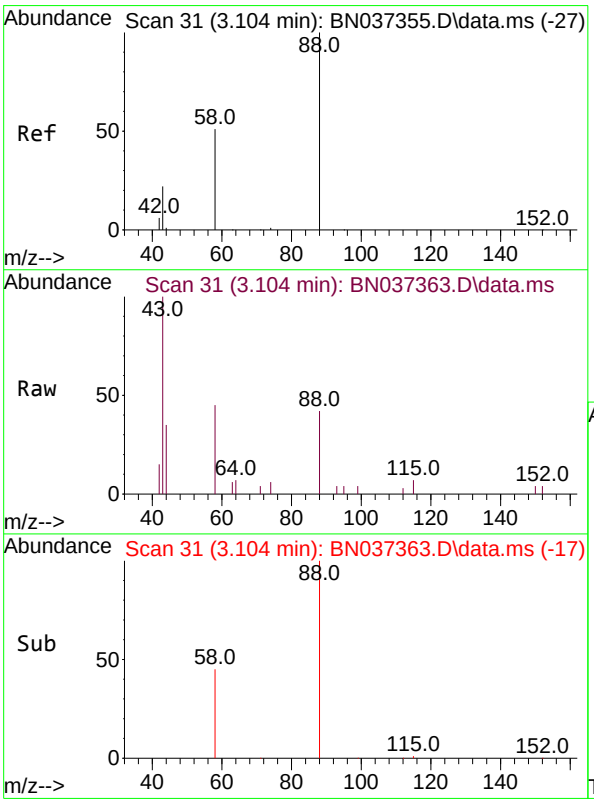
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.568 min Scan# 64
Delta R.T. -0.000 min
Lab File: BN037363.D
Acq: 20 Jun 2025 23:28

Instrument :
BNA_N
ClientSampleId :
PB168563BS

Tgt Ion:152 Resp: 1960

Ion	Ratio	Lower	Upper
152	100		
150	152.8	112.7	169.1
115	55.2	45.9	68.9

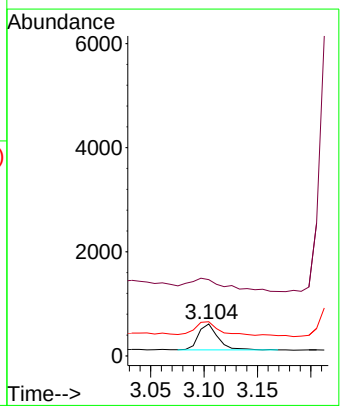


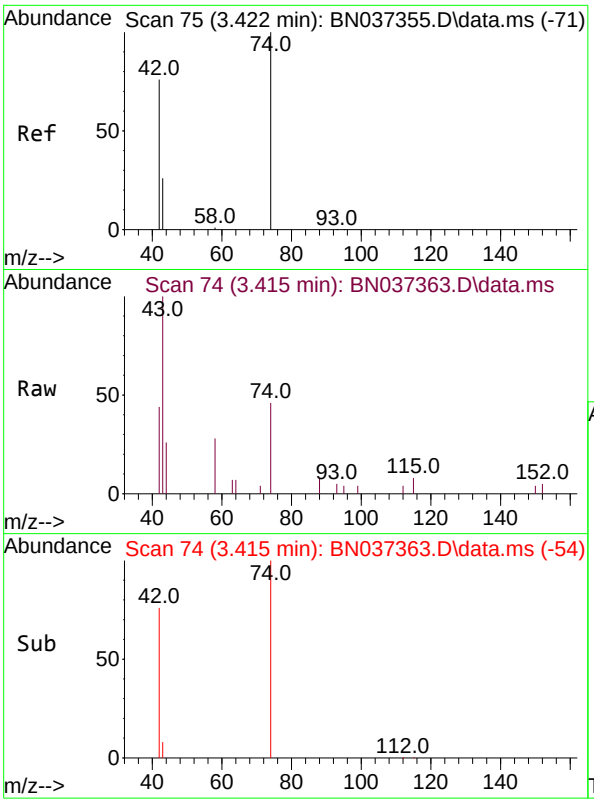


#2
1,4-Dioxane
Concen: 0.317 ng
RT: 3.104 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN037363.D
Acq: 20 Jun 2025 23:28

Tgt Ion: 88 Resp: 631

Ion	Ratio	Lower	Upper
88	100		
43	96.4	21.0	31.6#
58	68.0	38.0	57.0#



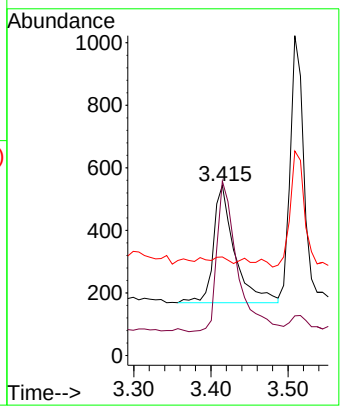


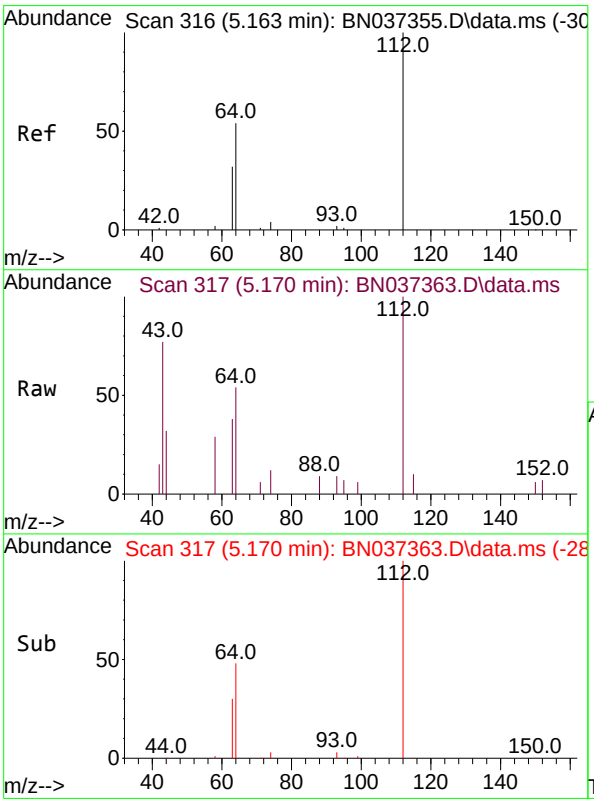
#3
n-Nitrosodimethylamine
Concen: 0.392 ng
RT: 3.415 min Scan# 74
Delta R.T. -0.007 min
Lab File: BN037363.D
Acq: 20 Jun 2025 23:28

Instrument :
BNA_N
ClientSampleId :
PB168563BS

Tgt Ion: 42 Resp: 717

Ion	Ratio	Lower	Upper
42	100		
74	124.4	84.3	126.5
44	3.2	5.0	7.4#

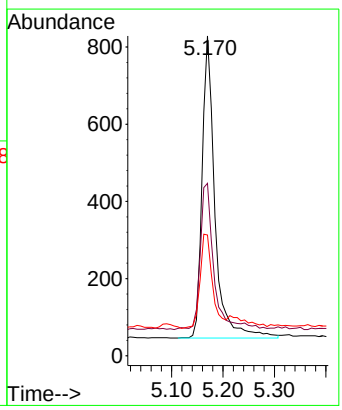


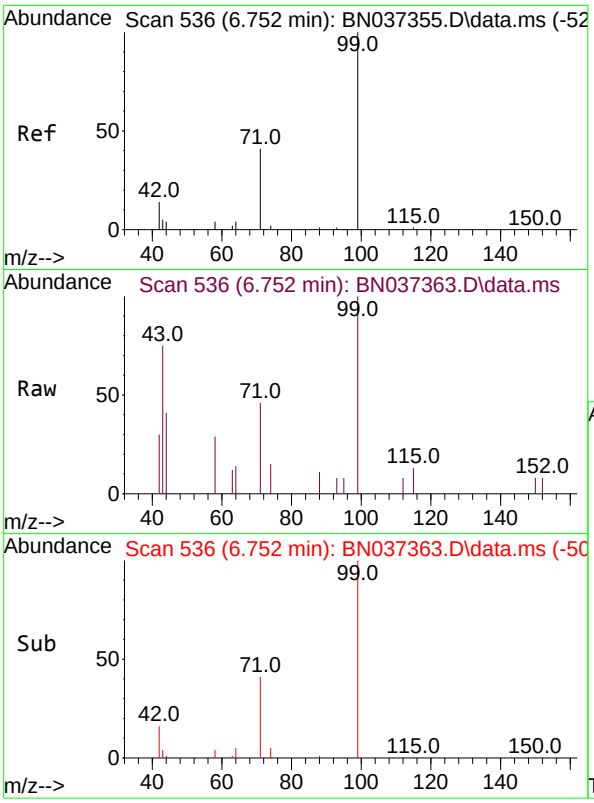


#4
2-Fluorophenol
Concen: 0.346 ng
RT: 5.170 min Scan# 317
Delta R.T. 0.007 min
Lab File: BN037363.D
Acq: 20 Jun 2025 23:28

Tgt Ion:112 Resp: 1356

Ion	Ratio	Lower	Upper
112	100		
64	51.6	38.7	58.1
63	30.4	26.4	39.6



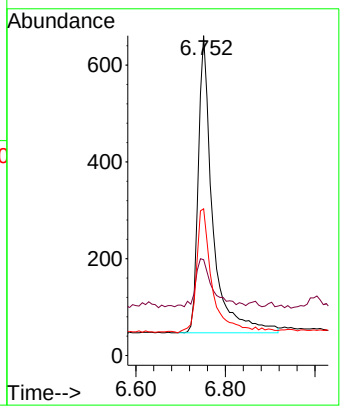


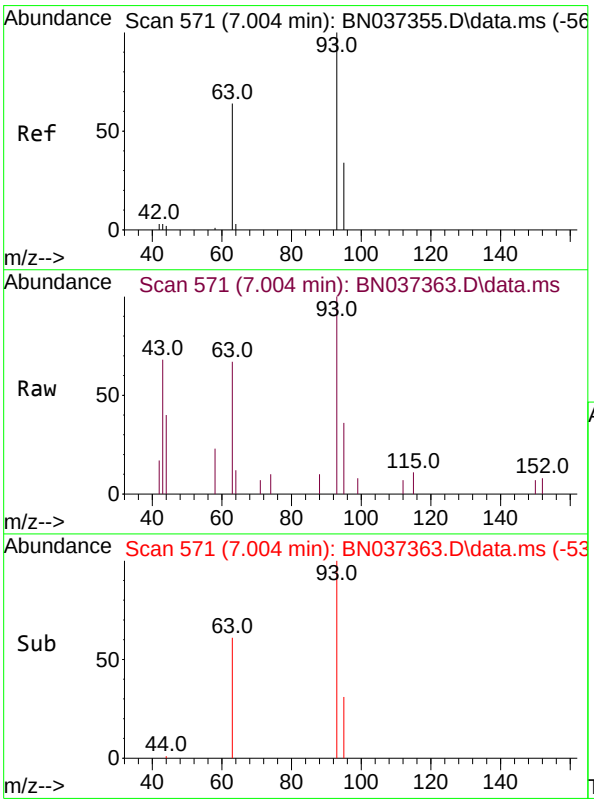
#5
Phenol-d6
Concen: 0.339 ng
RT: 6.752 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN037363.D
Acq: 20 Jun 2025 23:28

Instrument :
BNA_N
ClientSampleId :
PB168563BS

Tgt Ion: 99 Resp: 1369

Ion	Ratio	Lower	Upper
99	100		
42	19.0	19.8	29.8#
71	44.8	42.6	64.0

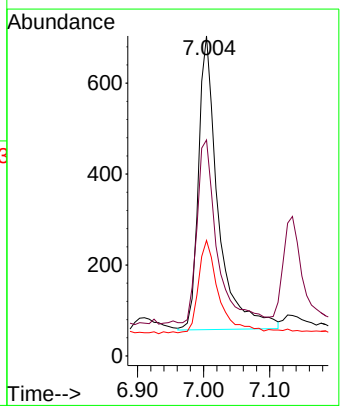


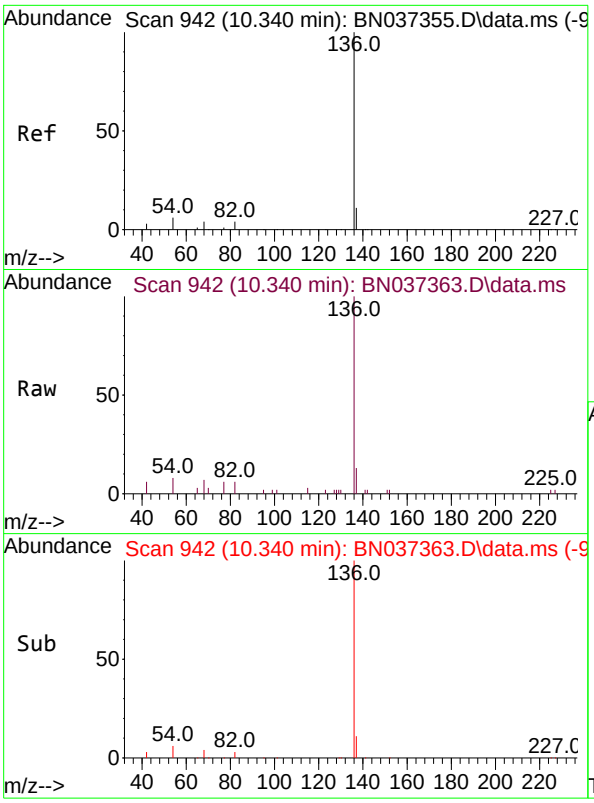


#6
bis(2-Chloroethyl)ether
Concen: 0.373 ng
RT: 7.004 min Scan# 571
Delta R.T. -0.000 min
Lab File: BN037363.D
Acq: 20 Jun 2025 23:28

Tgt Ion: 93 Resp: 1334

Ion	Ratio	Lower	Upper
93	100		
63	63.3	53.2	79.8
95	34.0	27.3	40.9



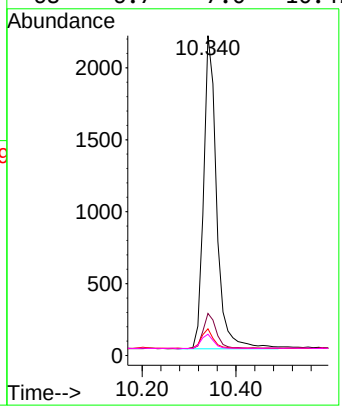


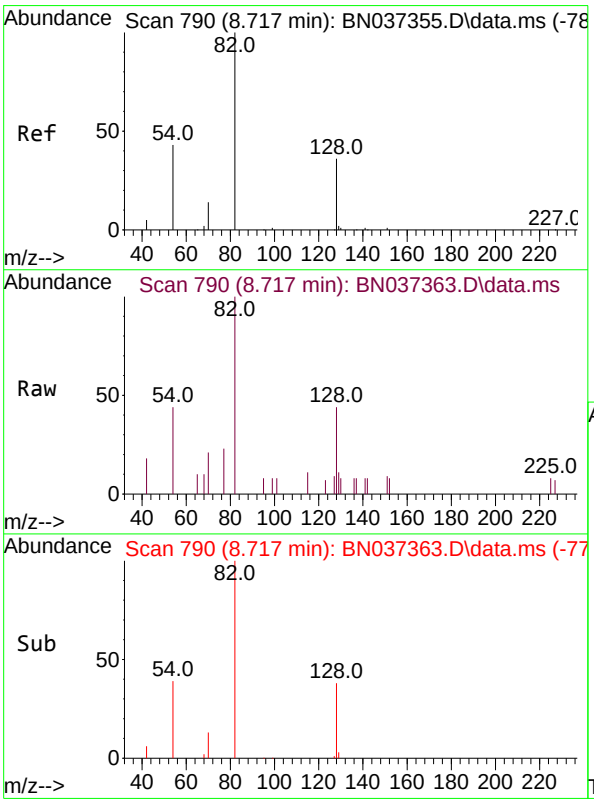
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.340 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN037363.D
Acq: 20 Jun 2025 23:28

Instrument :
BNA_N
ClientSampleId :
PB168563BS

Tgt Ion:136 Resp: 4204

Ion	Ratio	Lower	Upper
136	100		
137	13.2	12.2	18.2
54	8.4	8.8	13.2#
68	6.7	7.0	10.4#

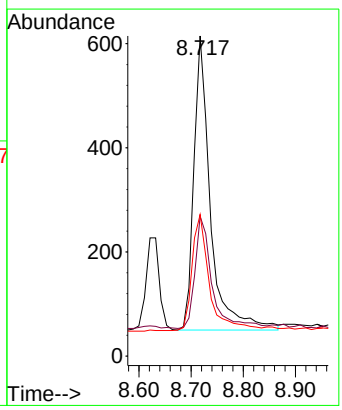


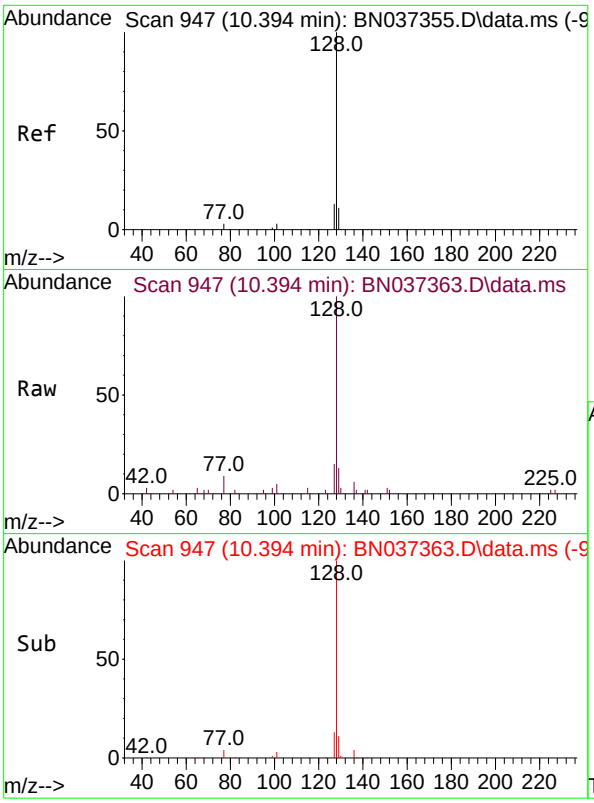


#8
Nitrobenzene-d5
Concen: 0.367 ng
RT: 8.717 min Scan# 790
Delta R.T. -0.000 min
Lab File: BN037363.D
Acq: 20 Jun 2025 23:28

Tgt Ion: 82 Resp: 1246

Ion	Ratio	Lower	Upper
82	100		
128	43.7	42.5	63.7
54	44.2	43.2	64.8



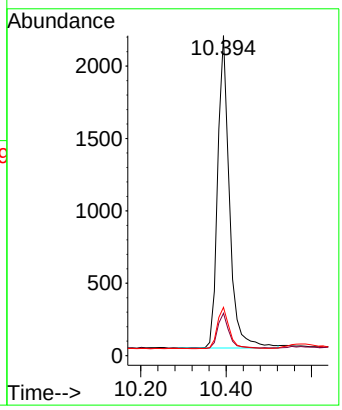


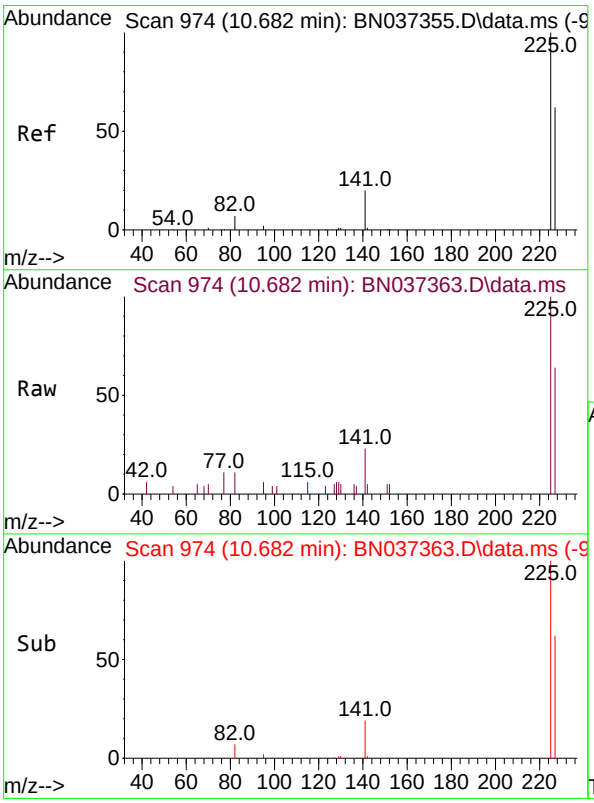
#9
Naphthalene
Concen: 0.372 ng
RT: 10.394 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN037363.D
Acq: 20 Jun 2025 23:28

Instrument :
BNA_N
ClientSampleId :
PB168563BS

Tgt Ion:128 Resp: 4124

Ion	Ratio	Lower	Upper
128	100		
129	13.3	14.0	21.0#
127	15.1	15.8	23.8#

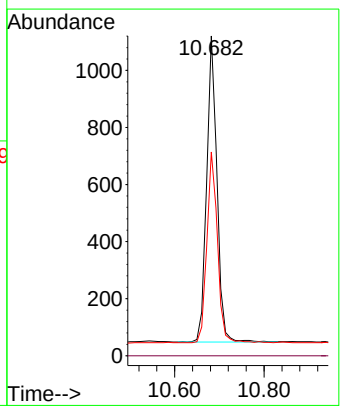


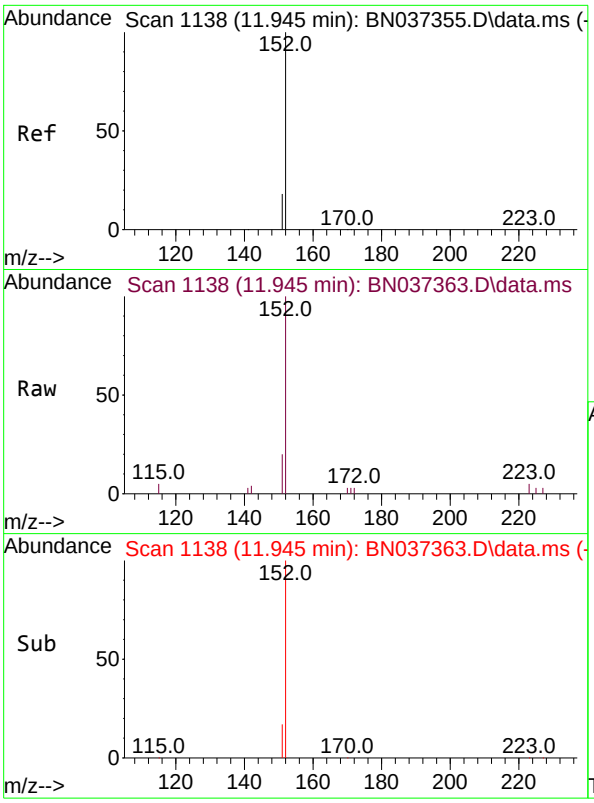


#10
Hexachlorobutadiene
Concen: 0.394 ng
RT: 10.682 min Scan# 974
Delta R.T. -0.000 min
Lab File: BN037363.D
Acq: 20 Jun 2025 23:28

Tgt Ion:225 Resp: 1728

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	50.3	75.5



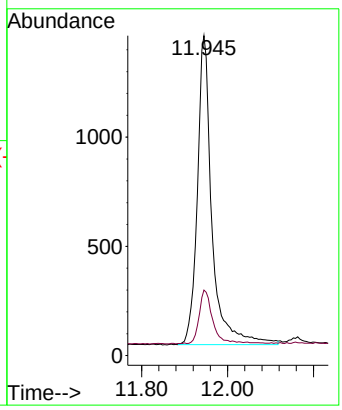


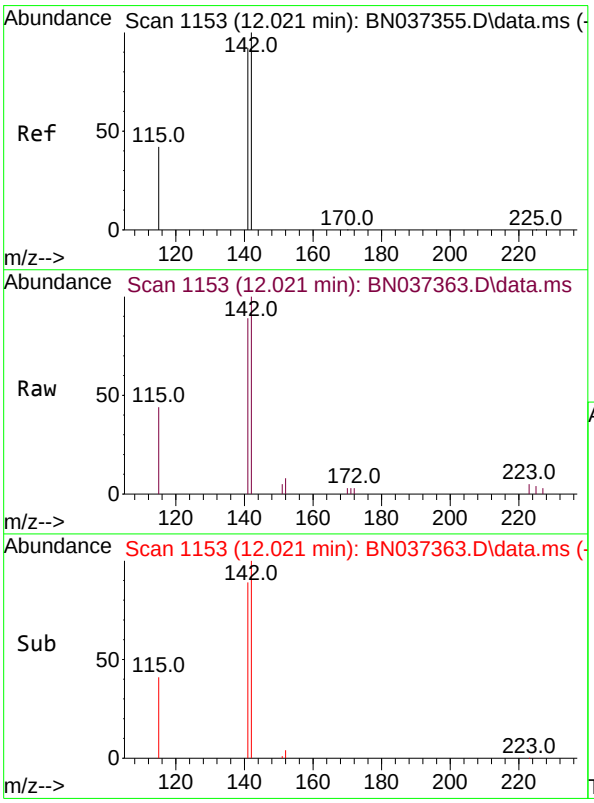
#11
2-Methylnaphthalene-d10
Concen: 0.490 ng
RT: 11.945 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN037363.D
Acq: 20 Jun 2025 23:28

Instrument :
BNA_N
ClientSampleId :
PB168563BS

Tgt Ion:152 Resp: 3338

Ion	Ratio	Lower	Upper
152	100		
151	15.7	17.4	26.0#

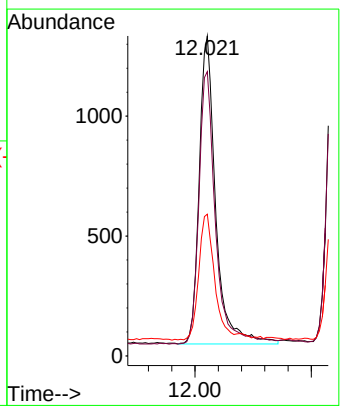


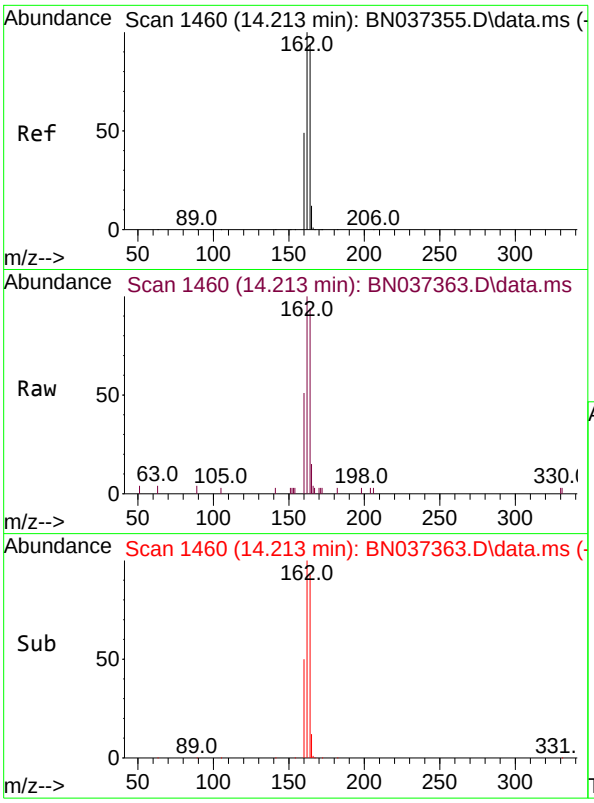


#12
2-Methylnaphthalene
Concen: 0.327 ng
RT: 12.021 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BN037363.D
Acq: 20 Jun 2025 23:28

Tgt Ion:142 Resp: 2530

Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.2	105.2
115	44.3	43.0	64.4



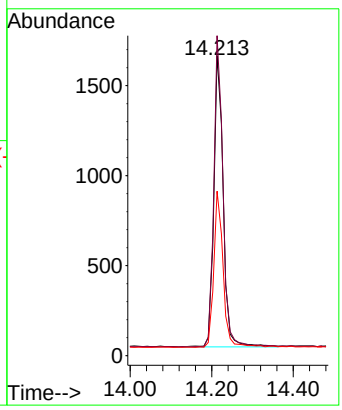


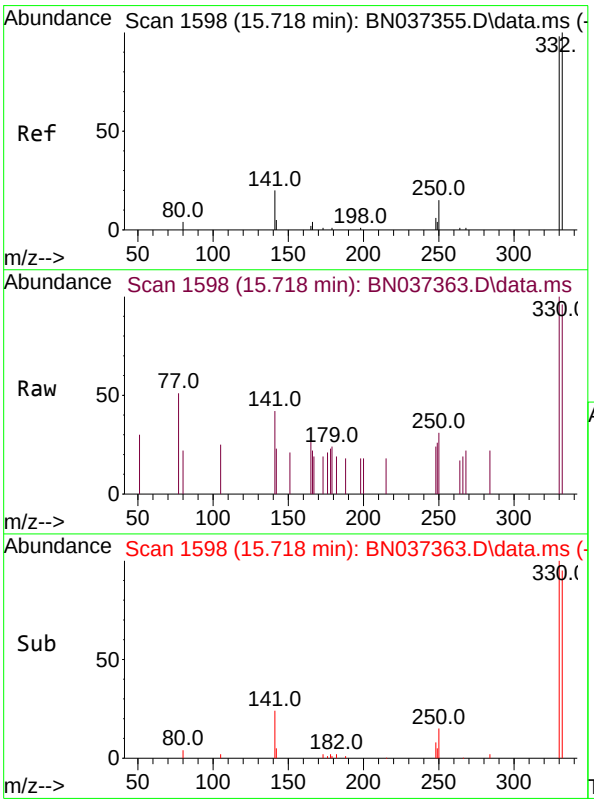
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.213 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN037363.D
Acq: 20 Jun 2025 23:28

Instrument :
BNA_N
ClientSampleId :
PB168563BS

Tgt Ion:164 Resp: 2586

Ion	Ratio	Lower	Upper
164	100		
162	106.7	81.5	122.3
160	54.8	43.0	64.4

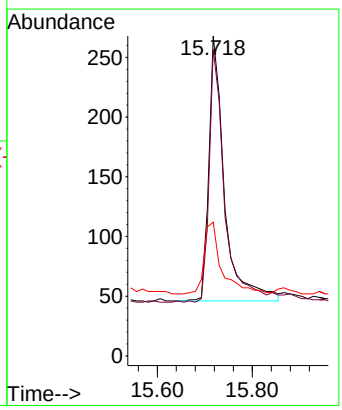


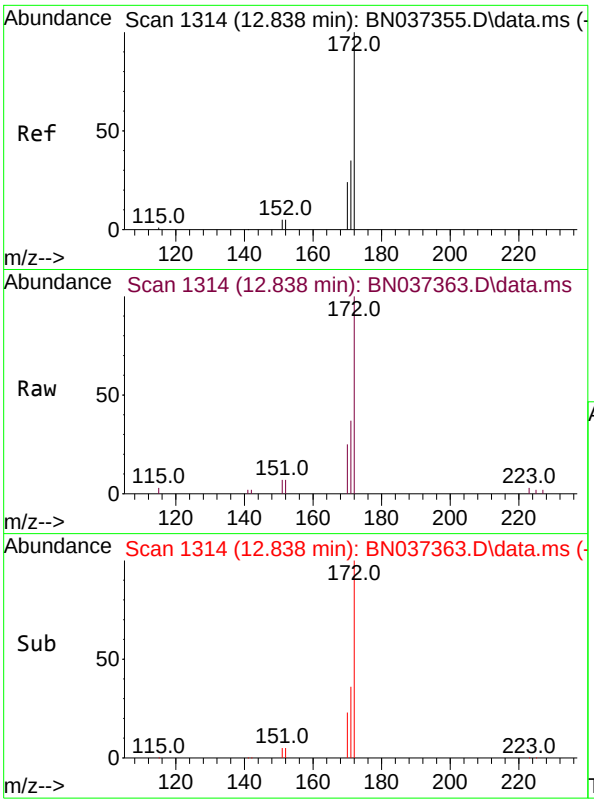


#14
2,4,6-Tribromophenol
Concen: 0.336 ng
RT: 15.718 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BN037363.D
Acq: 20 Jun 2025 23:28

Tgt Ion:330 Resp: 509

Ion	Ratio	Lower	Upper
330	100		
332	94.9	78.4	117.6
141	30.1	24.4	36.6



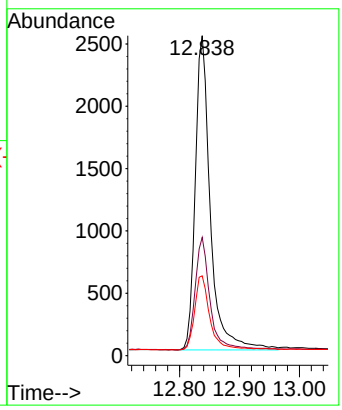


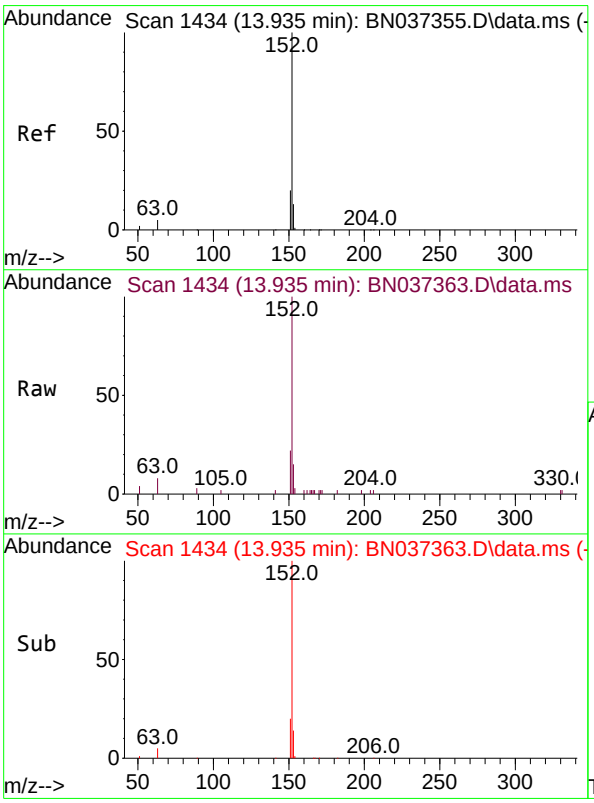
#15
2-Fluorobiphenyl
Concen: 0.387 ng
RT: 12.838 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037363.D
Acq: 20 Jun 2025 23:28

Instrument :
BNA_N
ClientSampleId :
PB168563BS

Tgt Ion:172 Resp: 4401

Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.8	46.2
170	24.9	21.9	32.9

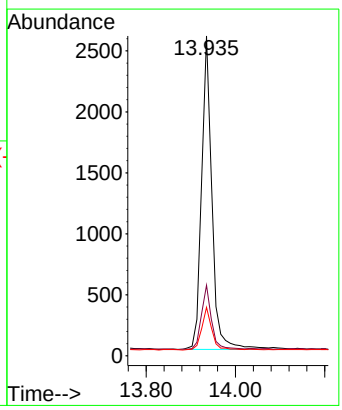


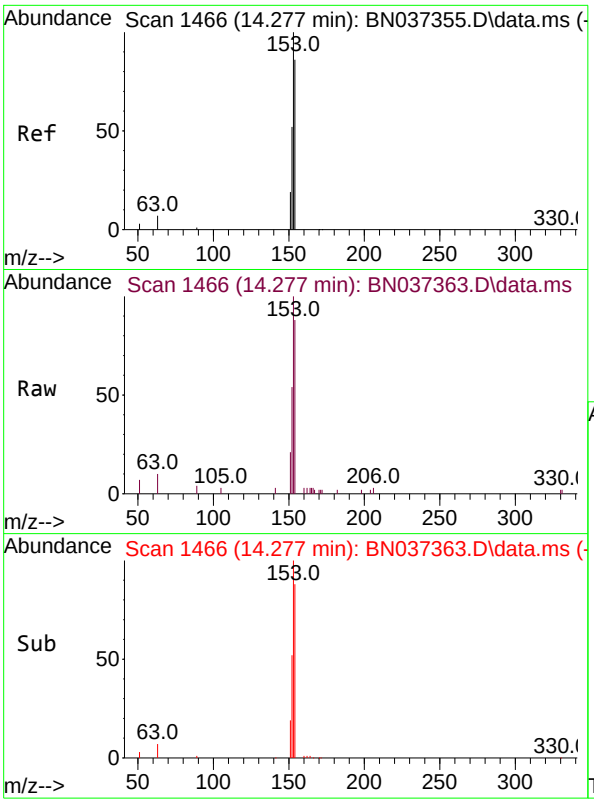


#16
Acenaphthylene
Concen: 0.381 ng
RT: 13.935 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BN037363.D
Acq: 20 Jun 2025 23:28

Tgt Ion:152 Resp: 4145

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.6	24.8
153	13.4	10.2	15.2



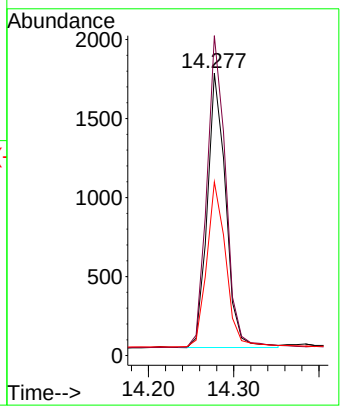


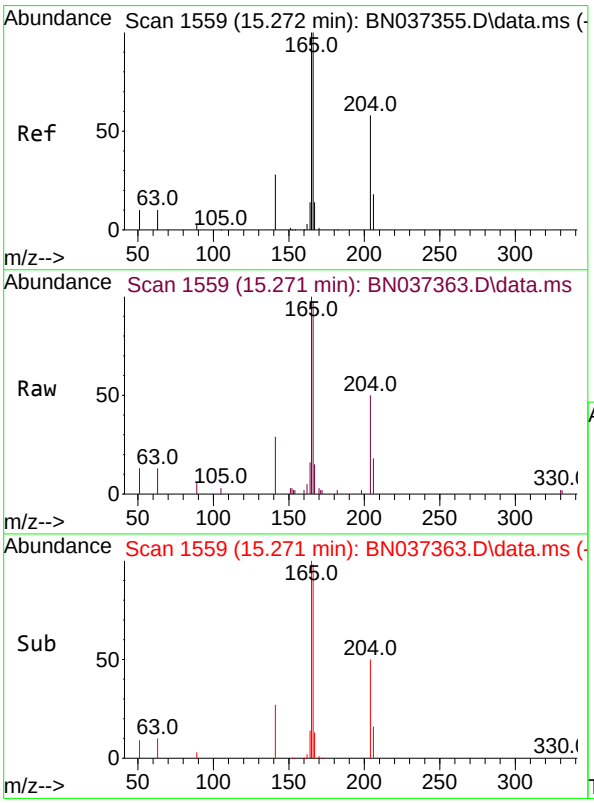
#17
Acenaphthene
Concen: 0.365 ng
RT: 14.277 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN037363.D
Acq: 20 Jun 2025 23:28

Instrument :
BNA_N
ClientSampleId :
PB168563BS

Tgt Ion:154 Resp: 2614

Ion	Ratio	Lower	Upper
154	100		
153	116.8	93.1	139.7
152	62.5	48.6	73.0

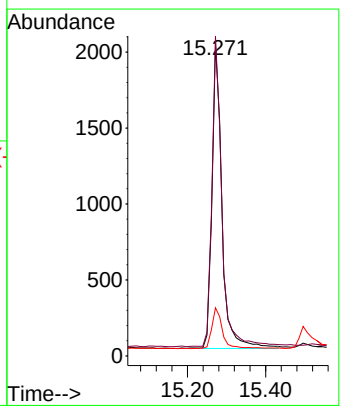


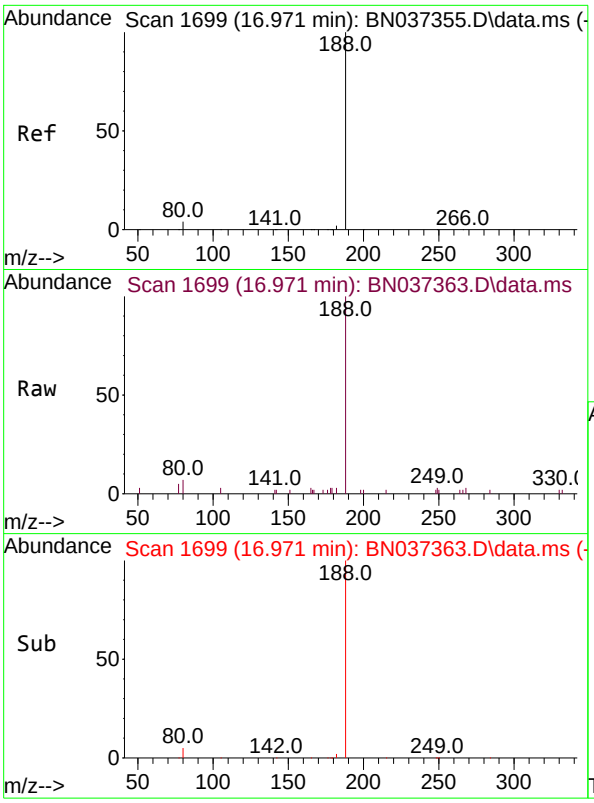


#18
Fluorene
Concen: 0.355 ng
RT: 15.271 min Scan# 1559
Delta R.T. -0.000 min
Lab File: BN037363.D
Acq: 20 Jun 2025 23:28

Tgt Ion:166 Resp: 3566

Ion	Ratio	Lower	Upper
166	100		
165	100.6	79.5	119.3
167	14.3	10.7	16.1



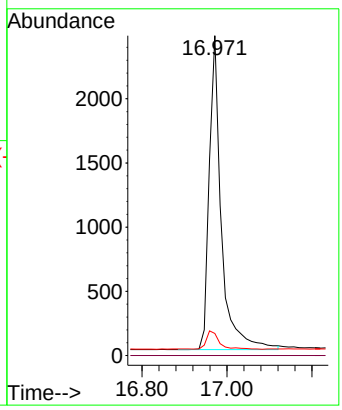


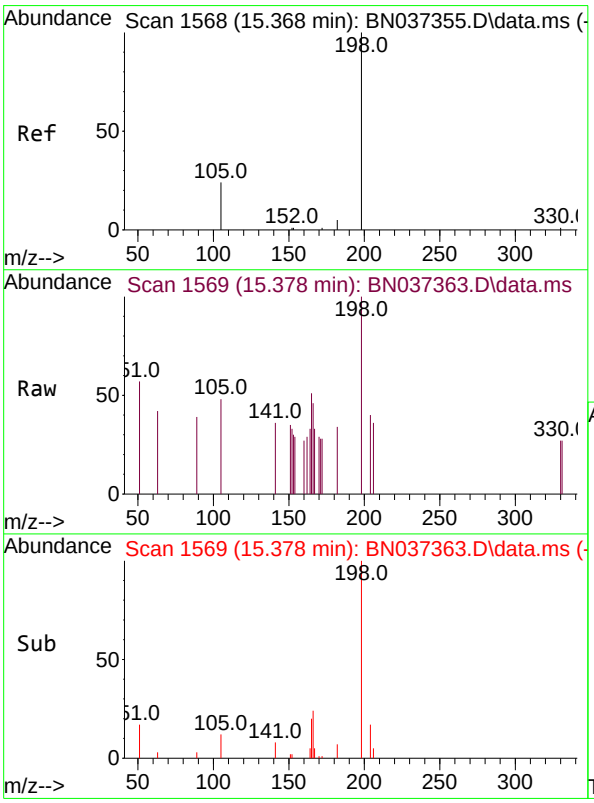
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.971 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037363.D
Acq: 20 Jun 2025 23:28

Instrument :
BNA_N
ClientSampleId :
PB168563BS

Tgt Ion:188 Resp: 4830

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.9	6.2	9.2

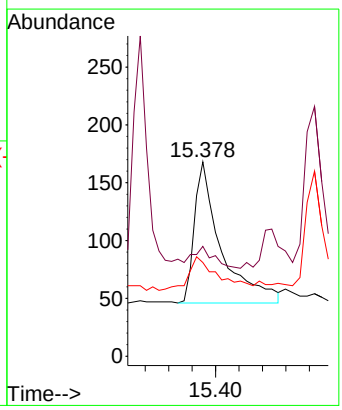


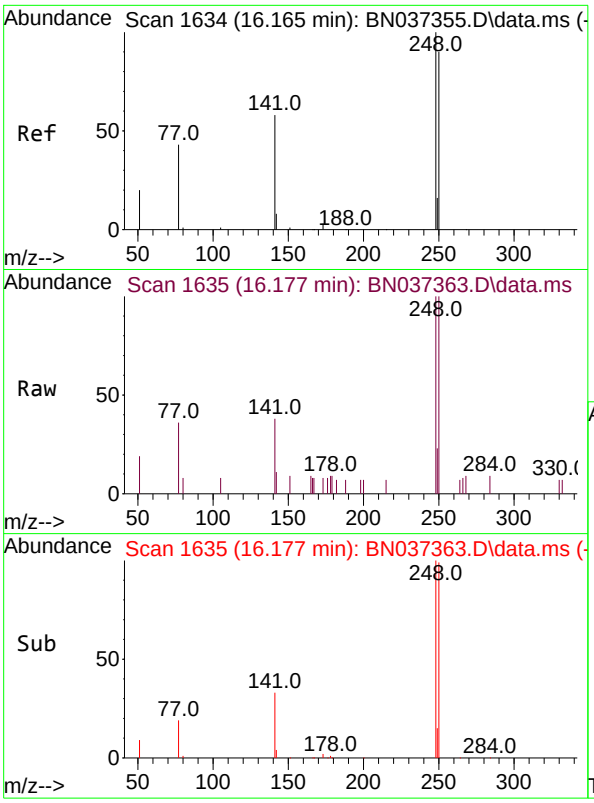


#20
4,6-Dinitro-2-methylphenol
Concen: 0.333 ng
RT: 15.378 min Scan# 1569
Delta R.T. 0.011 min
Lab File: BN037363.D
Acq: 20 Jun 2025 23:28

Tgt Ion:198 Resp: 387

Ion	Ratio	Lower	Upper
198	100		
51	56.5	51.4	77.0
105	48.2	45.5	68.3



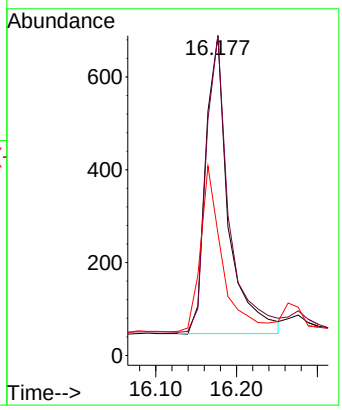


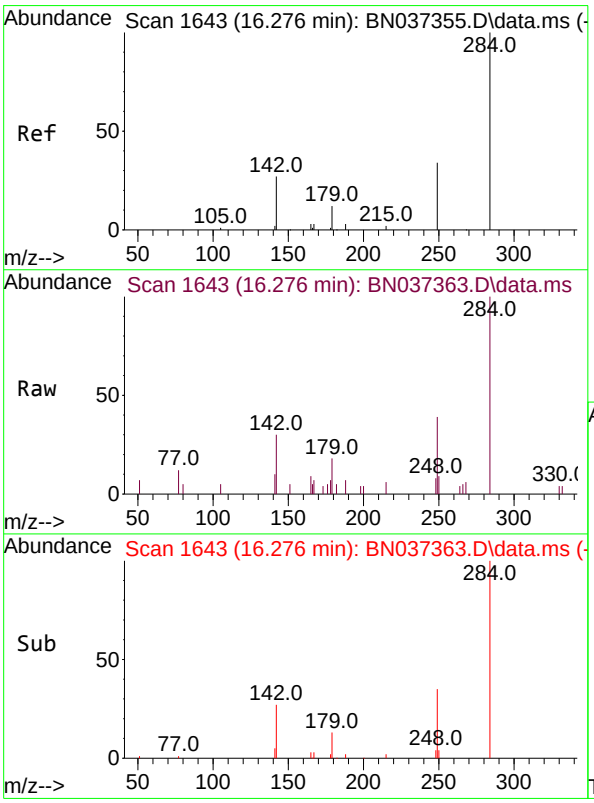
#21
4-Bromophenyl-phenylether
Concen: 0.366 ng
RT: 16.177 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN037363.D
Acq: 20 Jun 2025 23:28

Instrument :
BNA_N
ClientSampleId :
PB168563BS

Tgt Ion:248 Resp: 1258

Ion	Ratio	Lower	Upper
248	100		
250	100.0	80.4	120.6
141	38.3	33.3	49.9

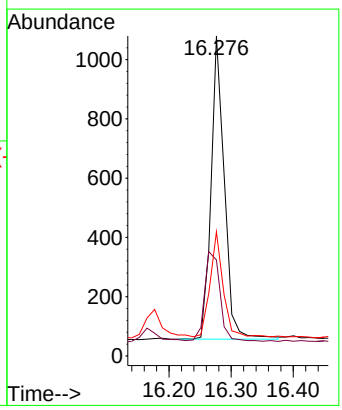


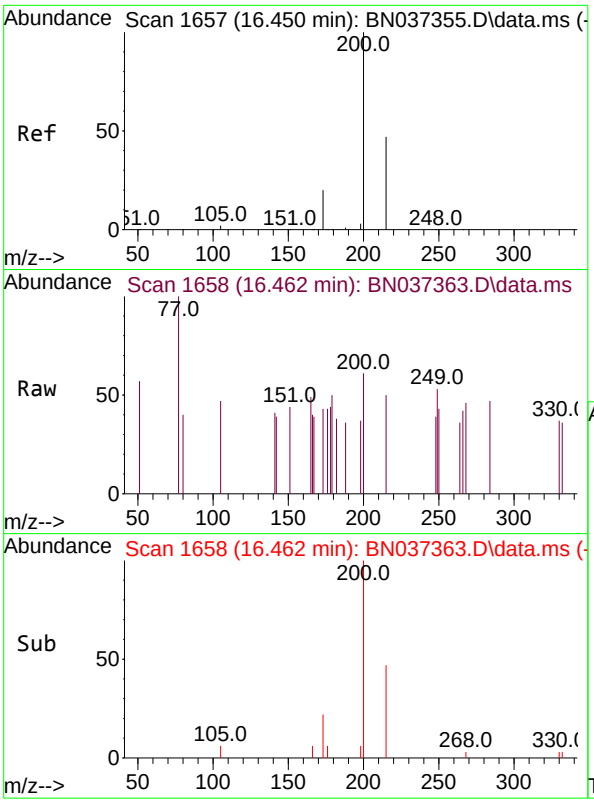


#22
Hexachlorobenzene
Concen: 0.406 ng
RT: 16.276 min Scan# 1643
Delta R.T. -0.000 min
Lab File: BN037363.D
Acq: 20 Jun 2025 23:28

Tgt Ion:284 Resp: 1521

Ion	Ratio	Lower	Upper
284	100		
142	34.2	27.0	40.6
249	34.9	28.8	43.2



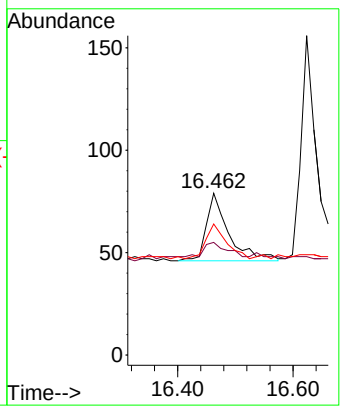


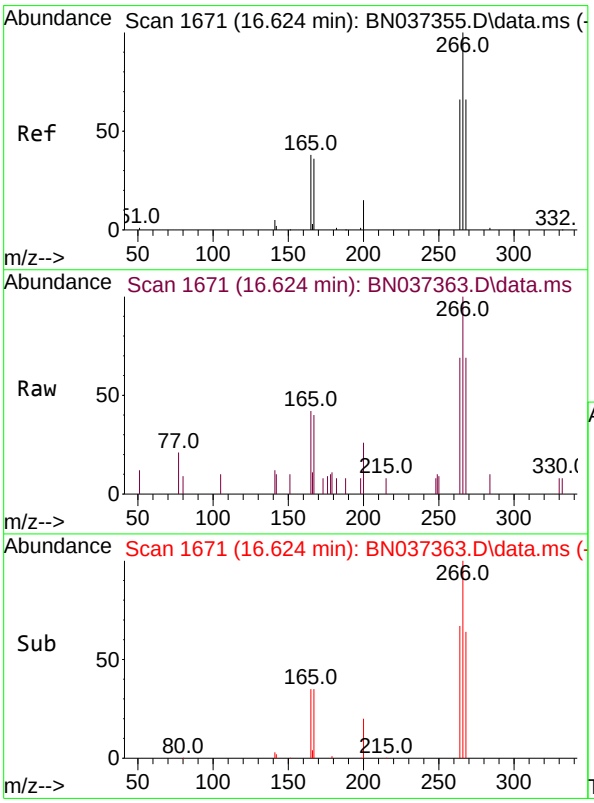
#23
Atrazine
Concen: 0.032 ng
RT: 16.462 min Scan# 1(
Delta R.T. 0.012 min
Lab File: BN037363.D
Acq: 20 Jun 2025 23:28

Instrument :
BNA_N
ClientSampleId :
PB168563BS

Tgt Ion:200 Resp: 89

Ion	Ratio	Lower	Upper
200	100		
173	69.6	29.2	43.8#
215	81.0	48.8	73.2#

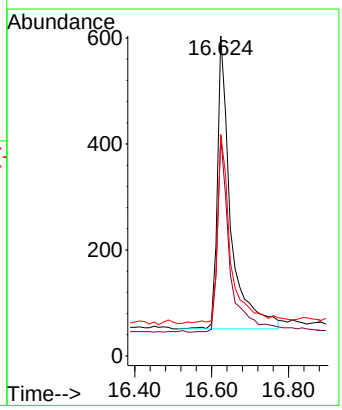


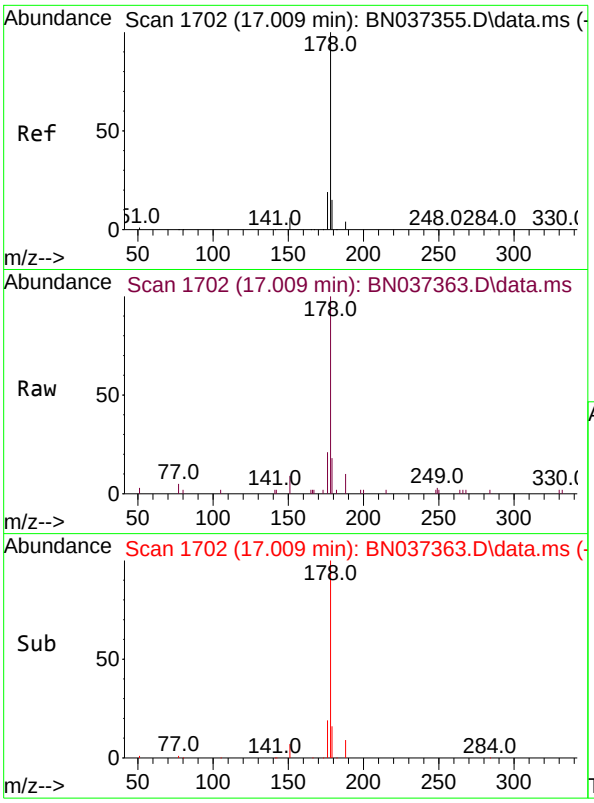


#24
Pentachlorophenol
Concen: 0.709 ng
RT: 16.624 min Scan# 1671
Delta R.T. -0.000 min
Lab File: BN037363.D
Acq: 20 Jun 2025 23:28

Tgt Ion:266 Resp: 1322

Ion	Ratio	Lower	Upper
266	100		
264	62.1	50.3	75.5
268	62.8	55.3	82.9



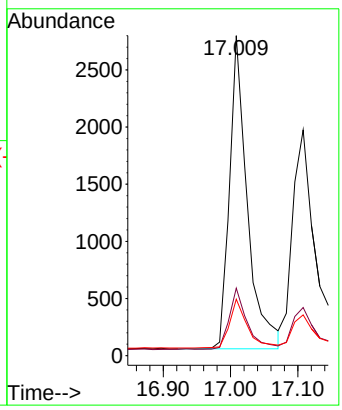


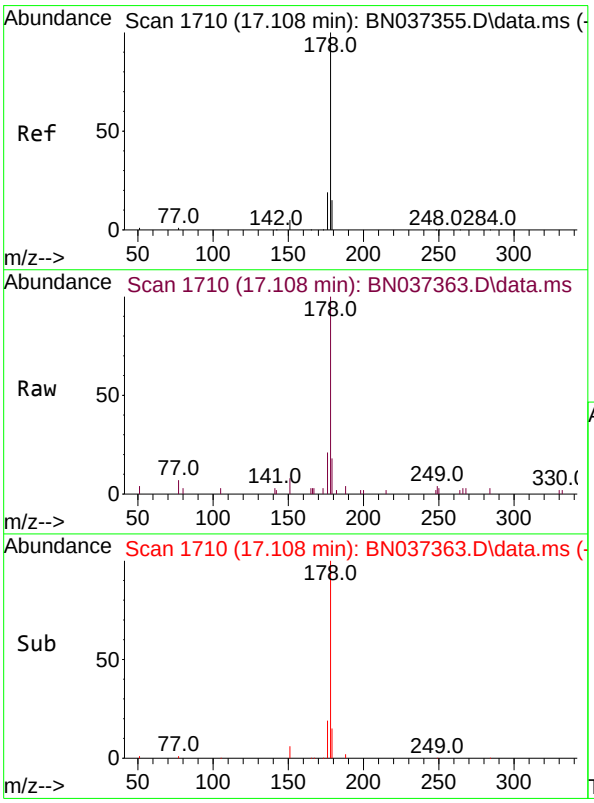
#25
Phenanthrene
Concen: 0.362 ng
RT: 17.009 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037363.D
Acq: 20 Jun 2025 23:28

Instrument :
BNA_N
ClientSampleId :
PB168563BS

Tgt Ion:178 Resp: 5063

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.2	22.8
179	15.4	12.9	19.3

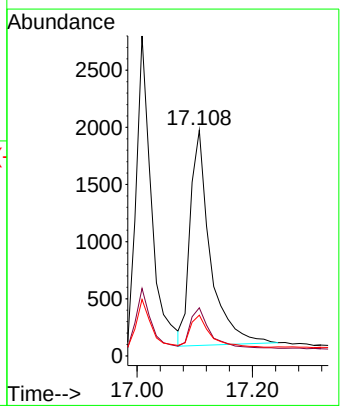


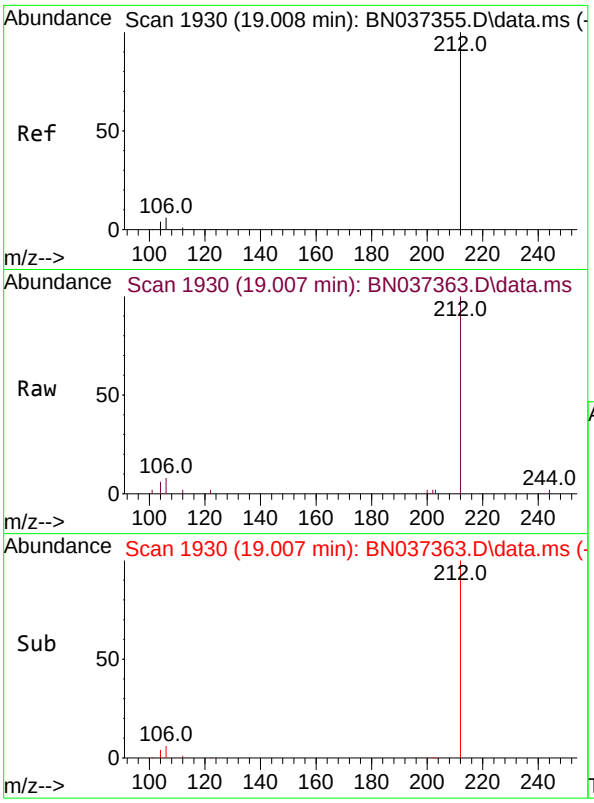


#26
Anthracene
Concen: 0.352 ng
RT: 17.108 min Scan# 1710
Delta R.T. -0.000 min
Lab File: BN037363.D
Acq: 20 Jun 2025 23:28

Tgt Ion:178 Resp: 4541

Ion	Ratio	Lower	Upper
178	100		
176	19.5	14.7	22.1
179	15.4	13.0	19.6



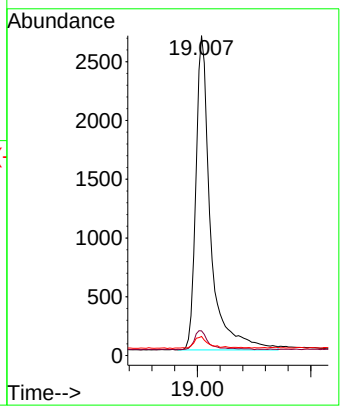


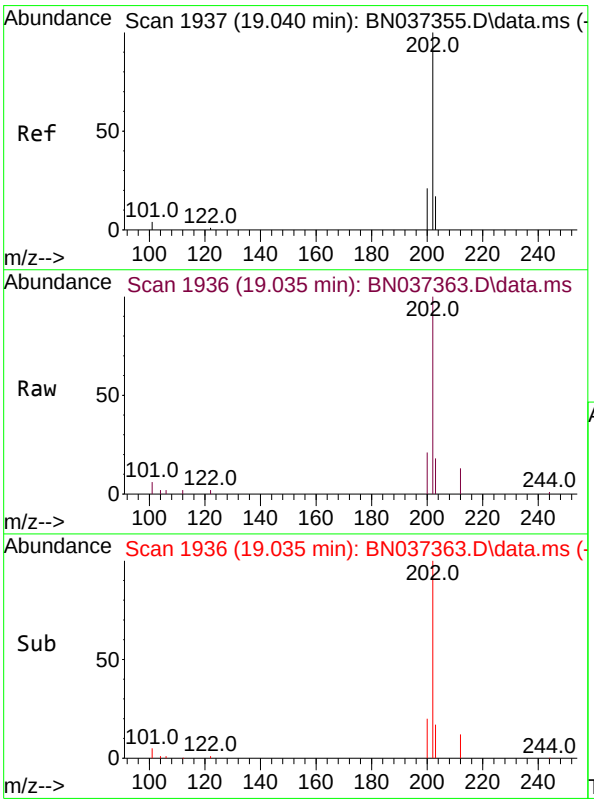
#27
Fluoranthene-d10
Concen: 0.345 ng
RT: 19.007 min Scan# 19
Delta R.T. -0.000 min
Lab File: BN037363.D
Acq: 20 Jun 2025 23:28

Instrument :
BNA_N
ClientSampleId :
PB168563BS

Tgt Ion:212 Resp: 4783

Ion	Ratio	Lower	Upper
212	100		
106	5.9	3.0	4.4#
104	3.7	2.0	3.0#

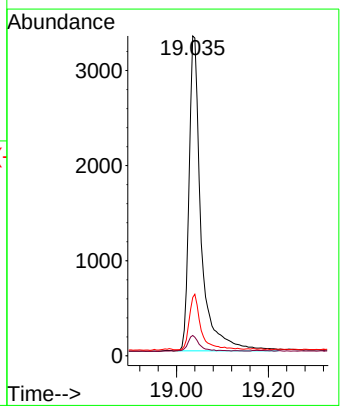


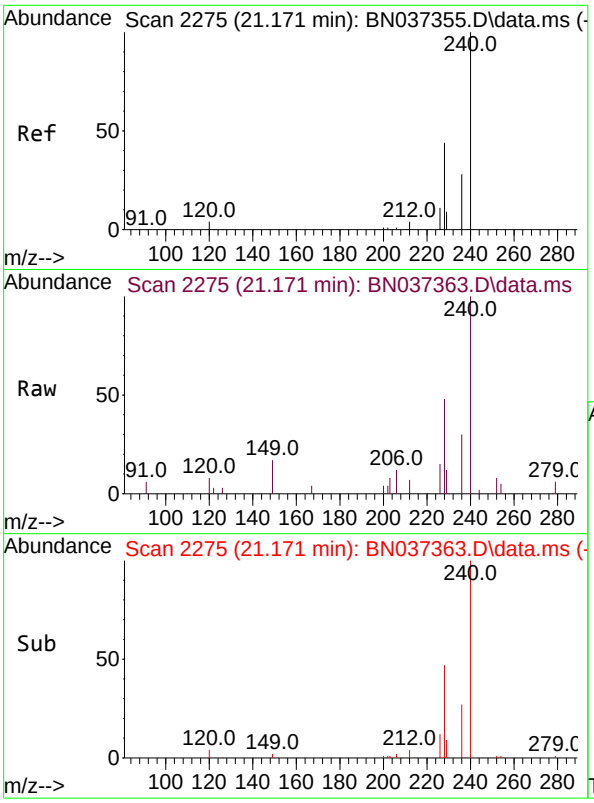


#28
Fluoranthene
Concen: 0.343 ng
RT: 19.035 min Scan# 1936
Delta R.T. -0.005 min
Lab File: BN037363.D
Acq: 20 Jun 2025 23:28

Tgt Ion:202 Resp: 6071

Ion	Ratio	Lower	Upper
202	100		
101	5.1	3.0	4.6#
203	16.9	13.7	20.5



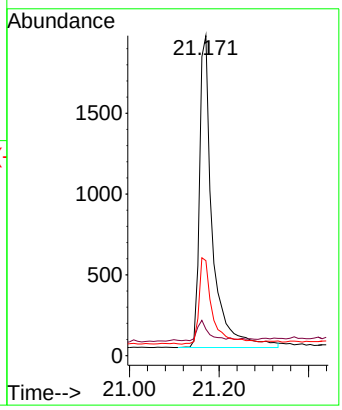


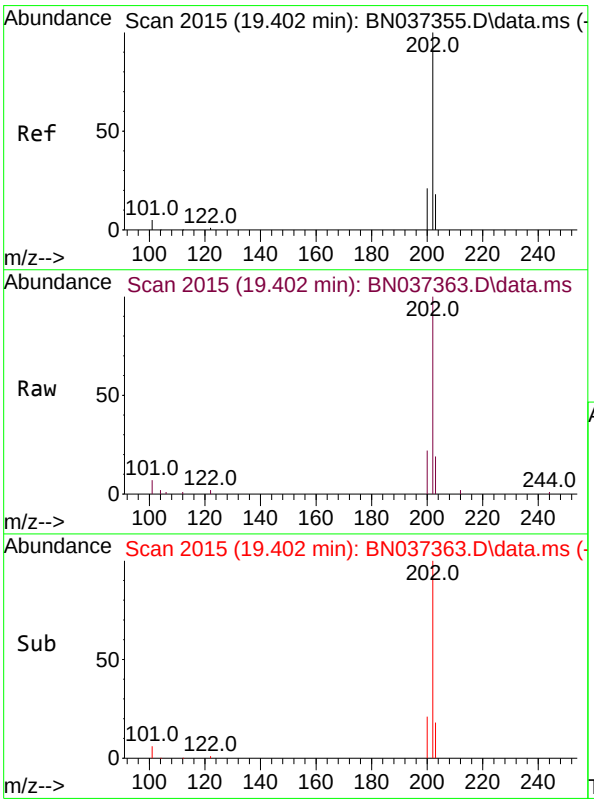
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.171 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037363.D
Acq: 20 Jun 2025 23:28

Instrument :
BNA_N
ClientSampleId :
PB168563BS

Tgt Ion:240 Resp: 3875

Ion	Ratio	Lower	Upper
240	100		
120	8.3	7.5	11.3
236	29.7	24.9	37.3

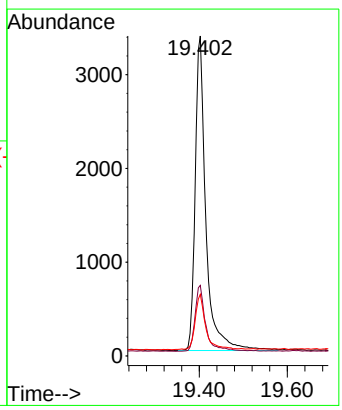


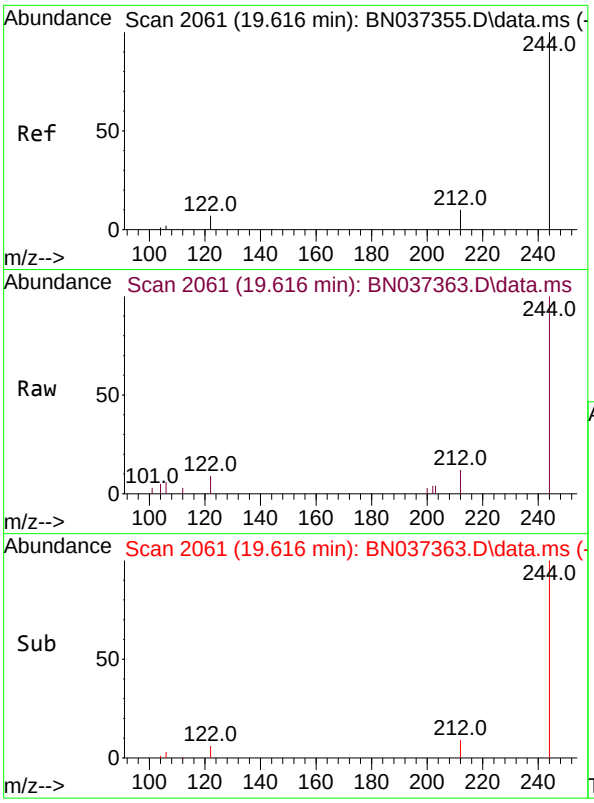


#30
Pyrene
Concen: 0.361 ng
RT: 19.402 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BN037363.D
Acq: 20 Jun 2025 23:28

Tgt Ion:202 Resp: 5679

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.8	25.2
203	17.2	14.5	21.7



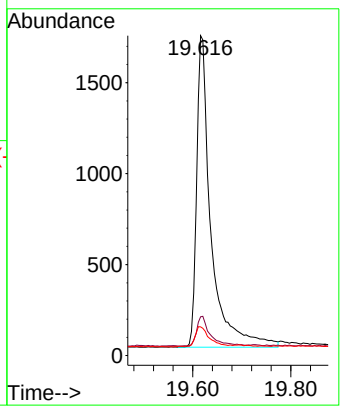


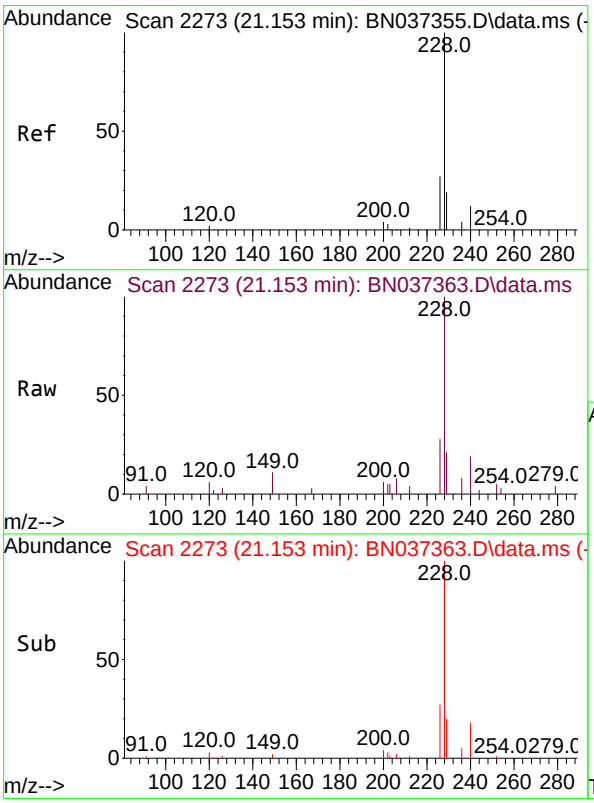
#31
Terphenyl-d14
Concen: 0.394 ng
RT: 19.616 min Scan# 20
Delta R.T. -0.000 min
Lab File: BN037363.D
Acq: 20 Jun 2025 23:28

Instrument :
BNA_N
ClientSampleId :
PB168563BS

Tgt Ion:244 Resp: 3479

Ion	Ratio	Lower	Upper
244	100		
212	12.1	11.1	16.7
122	9.0	7.2	10.8

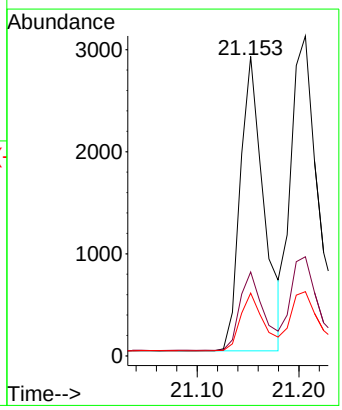


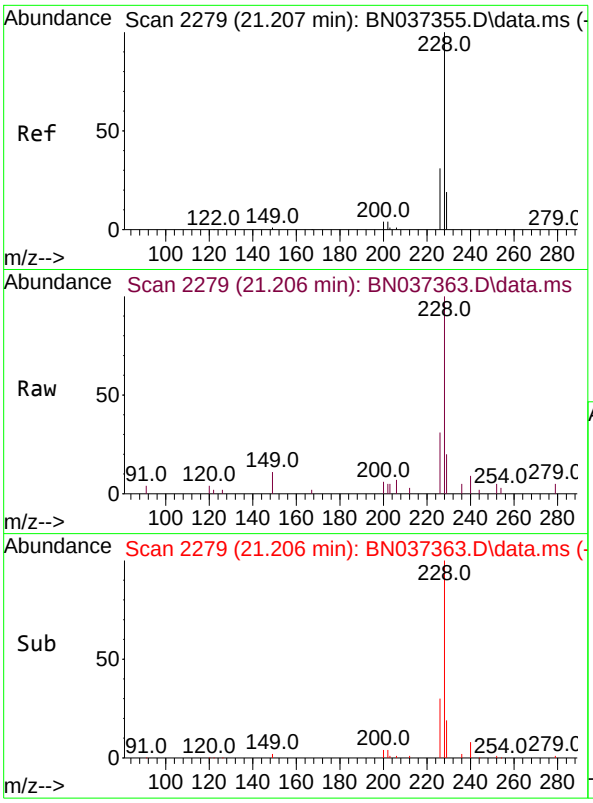


#32
Benzo(a)anthracene
Concen: 0.366 ng
RT: 21.153 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BN037363.D
Acq: 20 Jun 2025 23:28

Tgt Ion:228 Resp: 4660

Ion	Ratio	Lower	Upper
228	100		
226	28.1	23.0	34.4
229	21.0	17.4	26.0



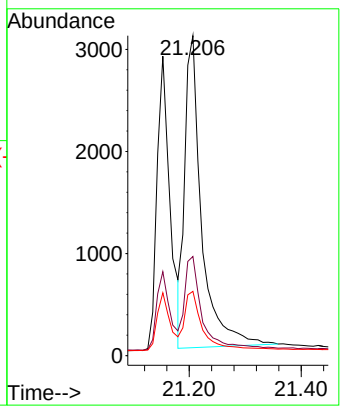


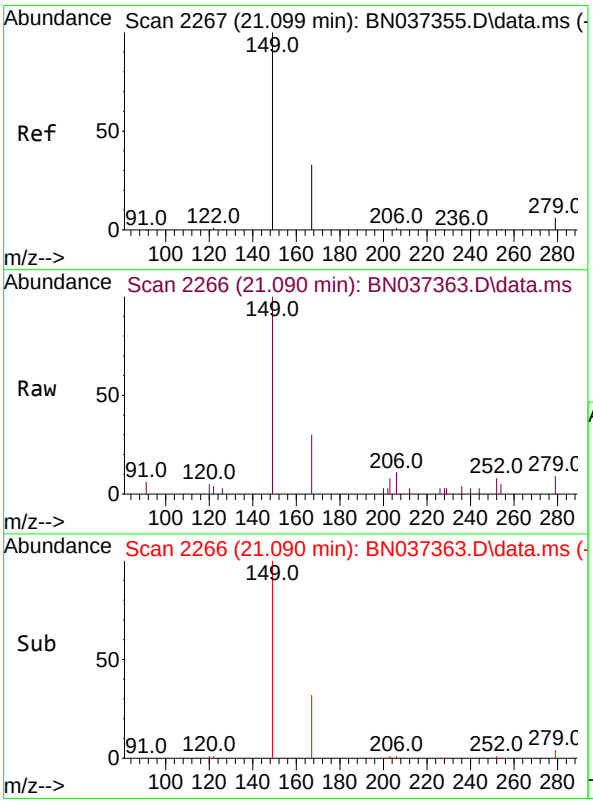
#33
Chrysene
Concen: 0.414 ng
RT: 21.206 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037363.D
Acq: 20 Jun 2025 23:28

Instrument :
BNA_N
ClientSampleId :
PB168563BS

Tgt Ion:228 Resp: 6398

Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.4	38.2
229	20.1	17.3	25.9

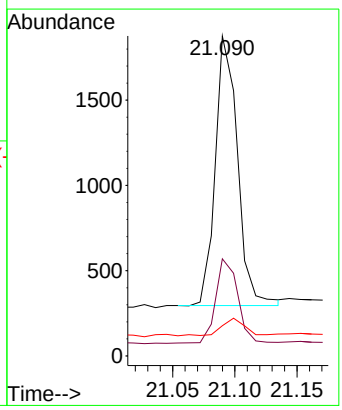


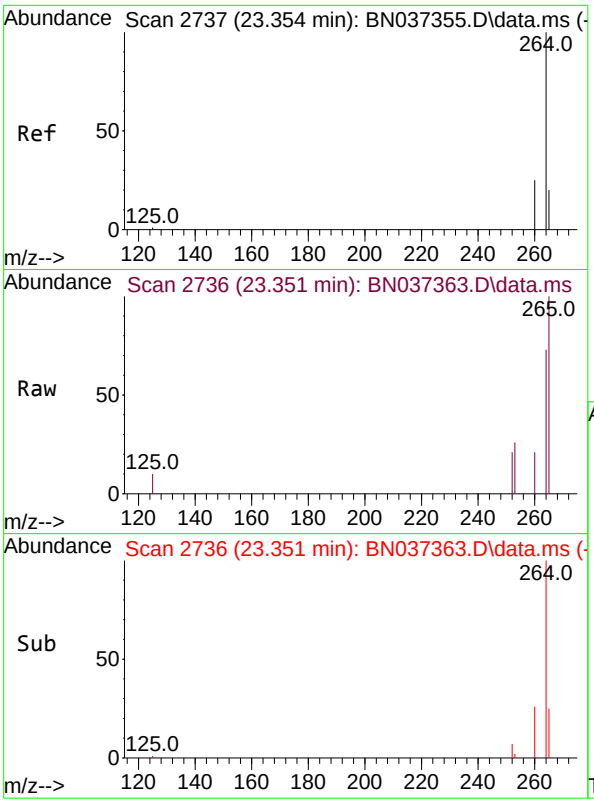


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.377 ng
RT: 21.090 min Scan# 2266
Delta R.T. -0.009 min
Lab File: BN037363.D
Acq: 20 Jun 2025 23:28

Tgt Ion:149 Resp: 1970

Ion	Ratio	Lower	Upper
149	100		
167	31.2	24.6	37.0
279	6.2	6.5	9.7#



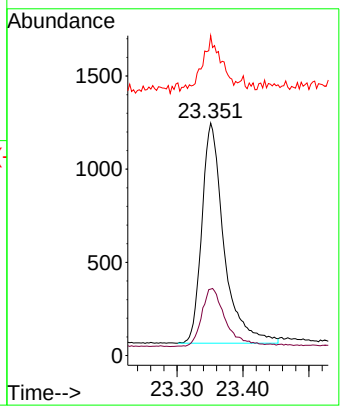


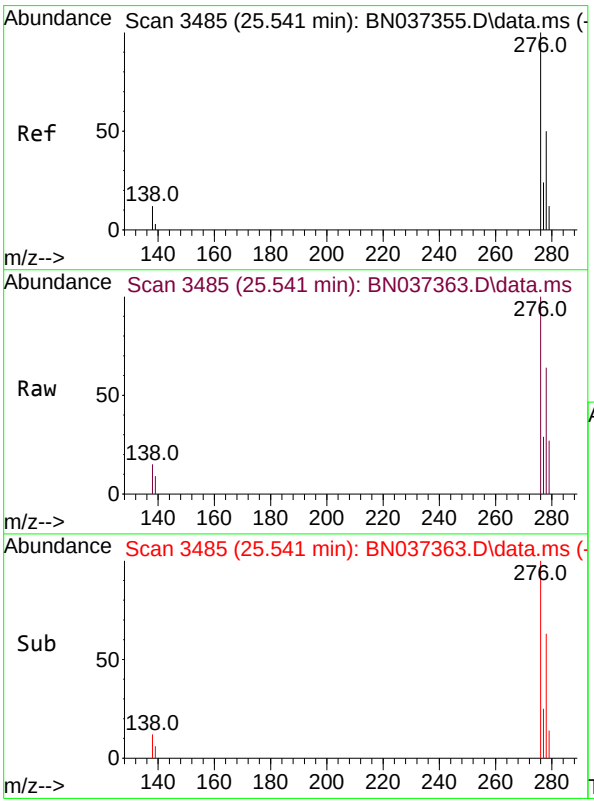
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.351 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN037363.D
Acq: 20 Jun 2025 23:28

Instrument :
BNA_N
ClientSampleId :
PB168563BS

Tgt Ion:264 Resp: 2749

Ion	Ratio	Lower	Upper
264	100		
260	28.5	21.4	32.2
265	137.6	71.4	107.0#

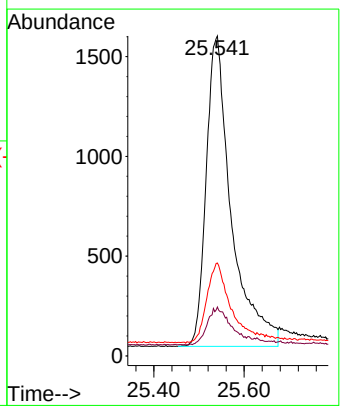


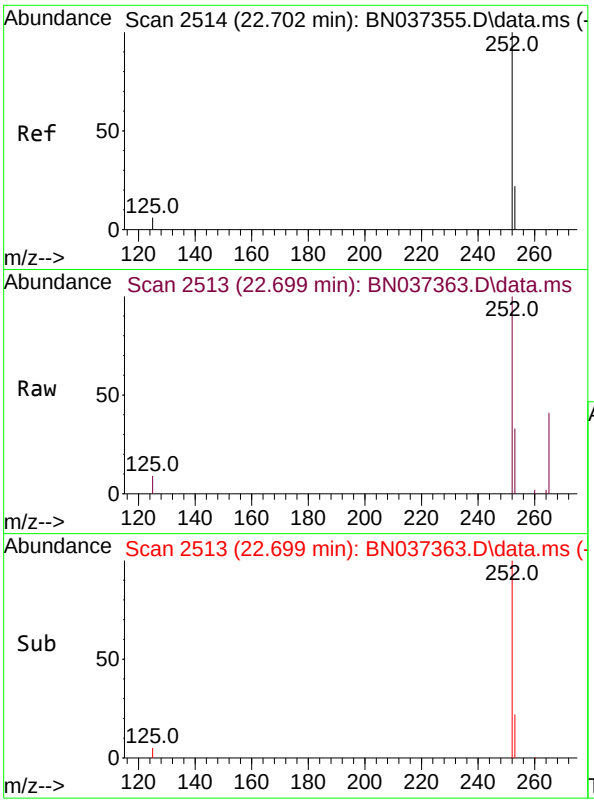


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.488 ng
RT: 25.541 min Scan# 3485
Delta R.T. -0.000 min
Lab File: BN037363.D
Acq: 20 Jun 2025 23:28

Tgt Ion:276 Resp: 6014

Ion	Ratio	Lower	Upper
276	100		
138	11.2	2.2	3.2#
277	24.2	17.1	25.7



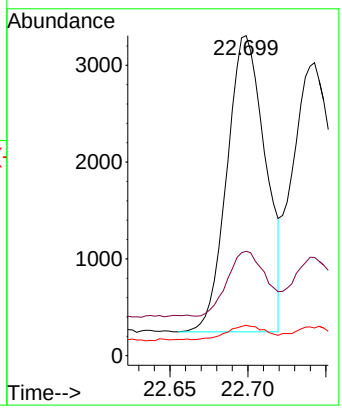


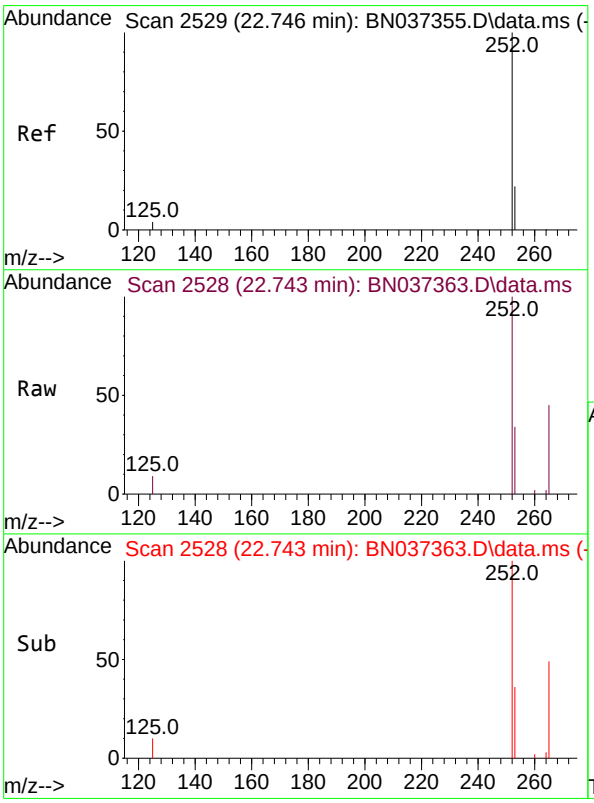
#37
Benzo(b)fluoranthene
Concen: 0.519 ng
RT: 22.699 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN037363.D
Acq: 20 Jun 2025 23:28

Instrument :
BNA_N
ClientSampleId :
PB168563BS

Tgt Ion:252 Resp: 5246

Ion	Ratio	Lower	Upper
252	100		
253	32.6	26.6	40.0
125	9.5	6.1	9.1#

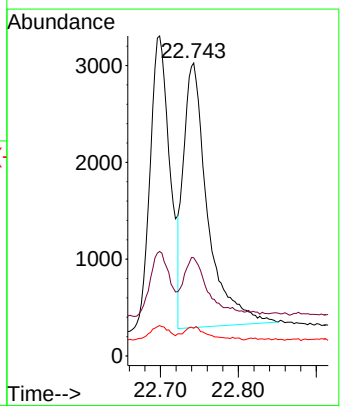


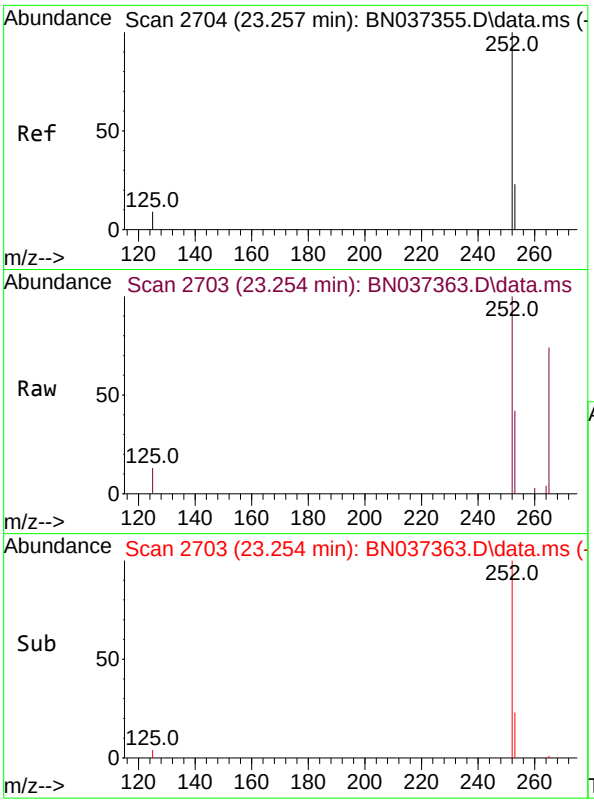


#38
Benzo(k)fluoranthene
Concen: 0.539 ng
RT: 22.743 min Scan# 2528
Delta R.T. -0.003 min
Lab File: BN037363.D
Acq: 20 Jun 2025 23:28

Tgt Ion:252 Resp: 5910

Ion	Ratio	Lower	Upper
252	100		
253	33.5	26.7	40.1
125	9.4	6.5	9.7



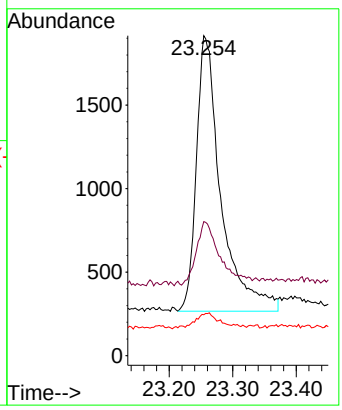


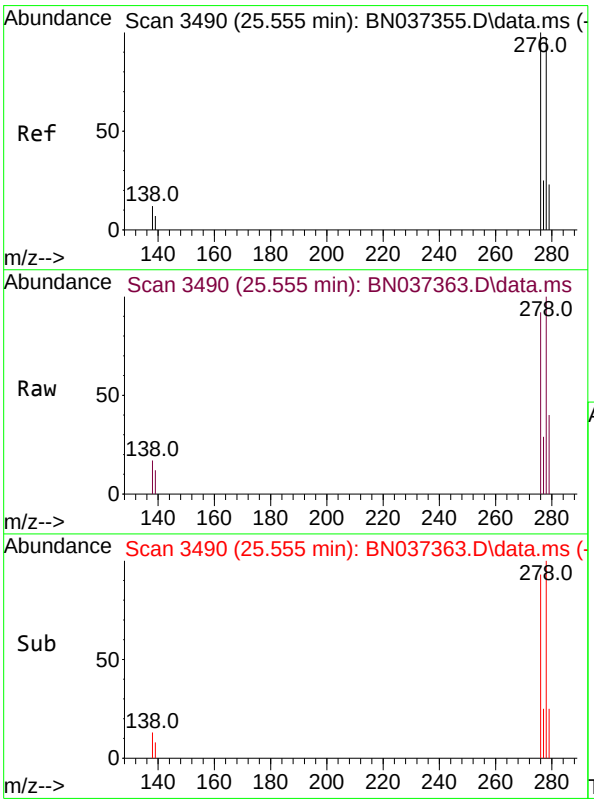
#39
Benzo(a)pyrene
Concen: 0.487 ng
RT: 23.254 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN037363.D
Acq: 20 Jun 2025 23:28

Instrument :
BNA_N
ClientSampleId :
PB168563BS

Tgt Ion:252 Resp: 4418

Ion	Ratio	Lower	Upper
252	100		
253	41.9	31.6	47.4
125	12.8	8.4	12.6#

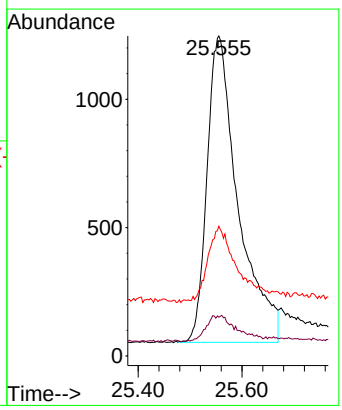


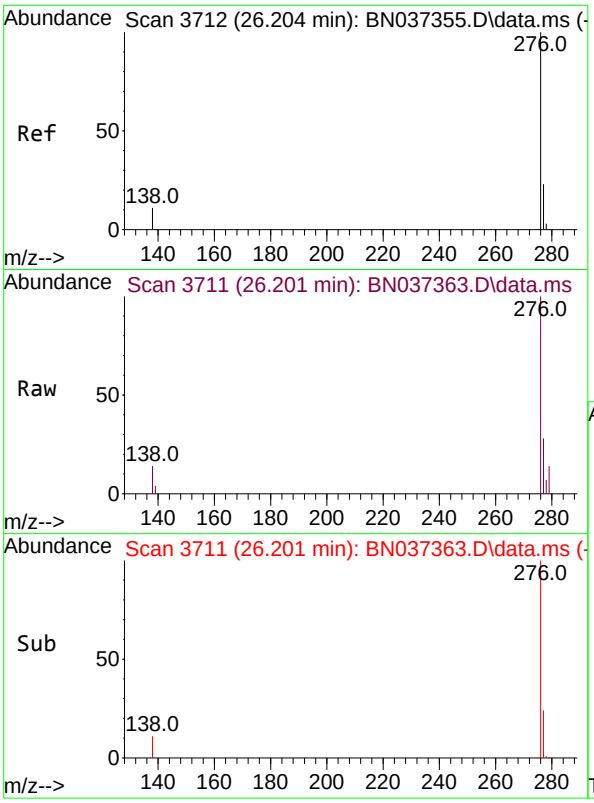


#40
Dibenzo(a,h)anthracene
Concen: 0.537 ng
RT: 25.555 min Scan# 3490
Delta R.T. -0.000 min
Lab File: BN037363.D
Acq: 20 Jun 2025 23:28

Tgt Ion:278 Resp: 4975

Ion	Ratio	Lower	Upper
278	100		
139	12.1	10.2	15.4
279	40.5	35.6	53.4





#41
Benzo(g,h,i)perylene
Concen: 0.464 ng
RT: 26.201 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN037363.D
Acq: 20 Jun 2025 23:28

Instrument :
BNA_N
ClientSampleId :
PB168563BS

Tgt Ion:276 Resp: 5107

Ion	Ratio	Lower	Upper
276	100		
277	27.9	22.7	34.1
138	14.2	9.4	14.2#