Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010625\
Data File : BN035893.D
Acq On : 06 Jan 2025 12:28
Operator : RC/JU
Sample : PB165947BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB165947BS

Quant Time: Jan 06 12:51:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN010225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 02 15:39:17 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.832	152	2068	0.400	ng	0.00
7) Naphthalene-d8	10.622	136	4038	0.400	ng	0.00
13) Acenaphthene-d10	14.463	164	1913	0.400	ng	0.00
19) Phenanthrene-d10	17.199	188	3390	0.400	ng	#-0.01
29) Chrysene-d12	21.385	240	2688	0.400	ng	# 0.00
35) Perylene-d12	23.689	264	3023	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.405	112	1668	0.329	ng	0.00
5) Phenol-d6	6.987	99	1988	0.316	ng	0.00
8) Nitrobenzene-d5	8.977	82	1287	0.403	ng	0.00
11) 2-Methylnaphthalene-d10	12.218	152	2124	0.393	ng	0.00
14) 2,4,6-Tribromophenol	15.945	330	210	0.229	ng	-0.01
15) 2-Fluorobiphenyl	13.094	172	3301	0.393	ng	0.00
27) Fluoranthene-d10	19.234	212	3199	0.380	ng	0.00
31) Terphenyl-d14	19.834	244	2250	0.420	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.318	88	683	0.333	ng	# 78
3) n-Nitrosodimethylamine	3.621	42	1353	0.378	ng	94
6) bis(2-Chloroethyl)ether	7.254	93	1946	0.405	ng	98
9) Naphthalene	10.675	128	4641	0.409	ng	97
10) Hexachlorobutadiene	10.974	225	1283	0.349	ng	# 99
12) 2-Methylnaphthalene	12.289	142	2793	0.398	ng	99
16) Acenaphthylene	14.185	152	3763	0.418	ng	99
17) Acenaphthene	14.527	154	2349	0.398	ng	99
18) Fluorene	15.511	166	2387	0.367	ng	99
20) 4,6-Dinitro-2-methylph...	15.573	198	219	0.372	ng	87
21) 4-Bromophenyl-phenylether	16.404	248	873	0.376	ng	# 85
22) Hexachlorobenzene	16.516	284	1205	0.380	ng	99
23) Atrazine	16.665	200	570	0.366	ng	# 88
24) Pentachlorophenol	16.851	266	354	0.316	ng	98
25) Phenanthrene	17.248	178	4031	0.408	ng	99
26) Anthracene	17.335	178	3704	0.411	ng	99
28) Fluoranthene	19.262	202	4195	0.364	ng	99
30) Pyrene	19.625	202	4324	0.396	ng	100
32) Benzo(a)anthracene	21.367	228	3804	0.402	ng	99
33) Chrysene	21.421	228	4030	0.407	ng	99
34) Bis(2-ethylhexyl)phtha...	21.322	149	1546	0.401	ng	98
36) Indeno(1,2,3-cd)pyrene	26.043	276	5007	0.420	ng	98
37) Benzo(b)fluoranthene	22.993	252	4020	0.387	ng	98
38) Benzo(k)fluoranthene	23.040	252	4085	0.397	ng	99
39) Benzo(a)pyrene	23.587	252	3795	0.422	ng	100
40) Dibenzo(a,h)anthracene	26.060	278	3863	0.407	ng	99
41) Benzo(g,h,i)perylene	26.756	276	3998	0.377	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010625\
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Instrument :
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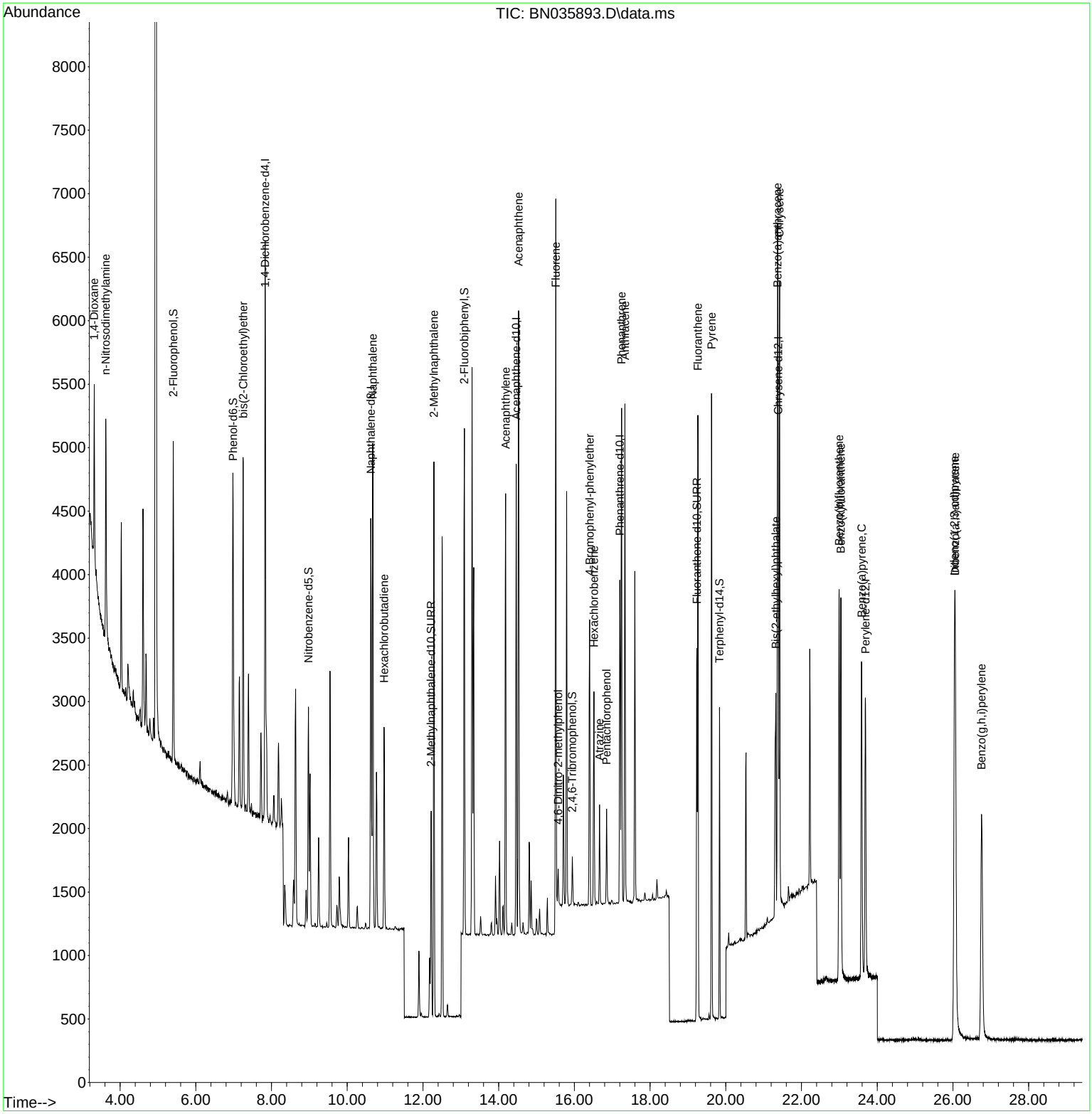
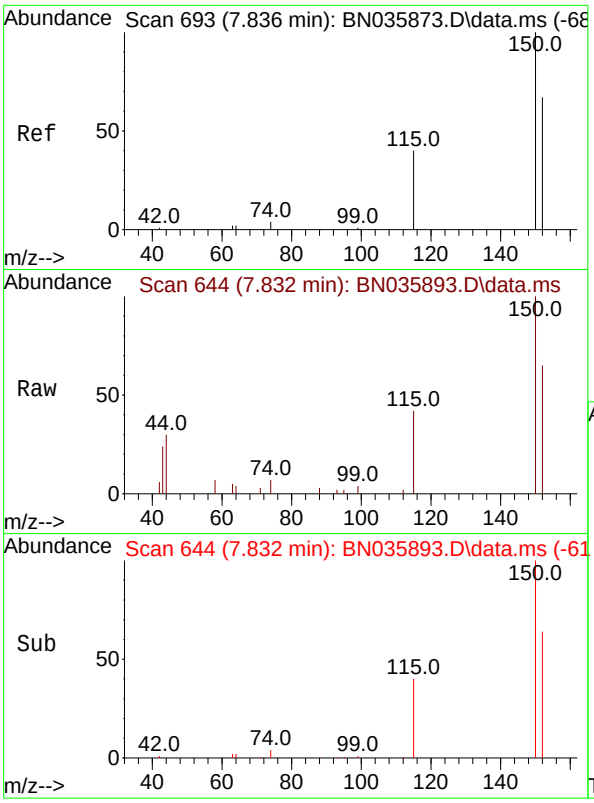
Quant Time: Jan 06 12:51:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN010225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 02 15:39:17 2025
Response via : Initial Calibration



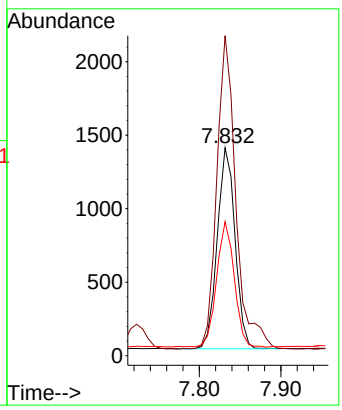


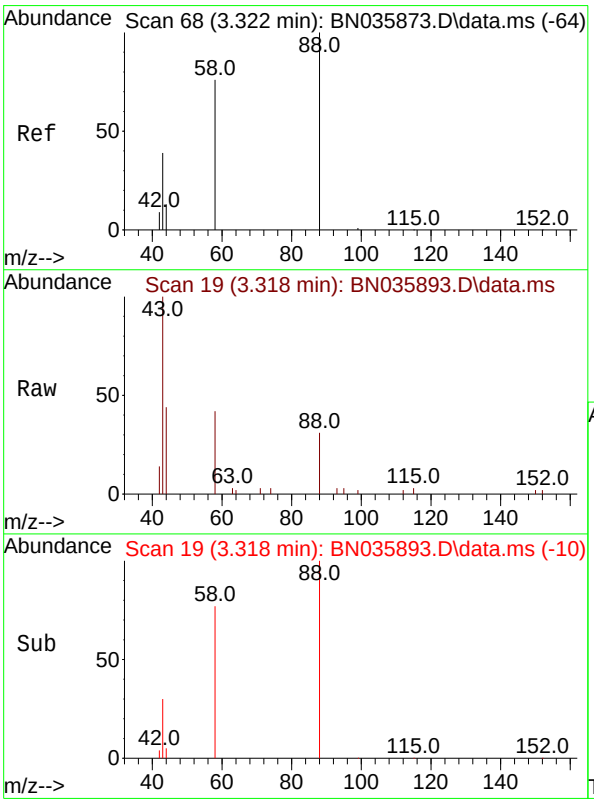
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.832 min Scan# 64
Delta R.T. -0.004 min
Lab File: BN035893.D
Acq: 06 Jan 2025 12:28

Instrument :
BNA_N
ClientSampleId :
PB165947BS

Tgt Ion:152 Resp: 2068

Ion	Ratio	Lower	Upper
152	100		
150	154.0	117.8	176.6
115	64.4	51.0	76.4

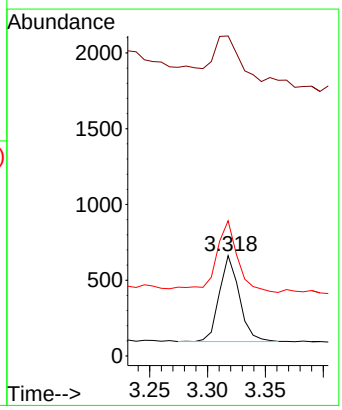


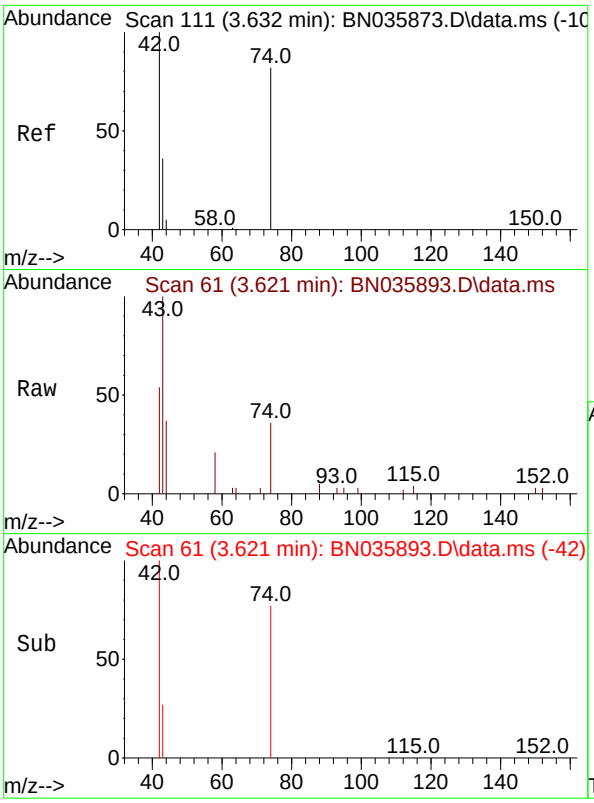


#2
1,4-Dioxane
Concen: 0.333 ng
RT: 3.318 min Scan# 19
Delta R.T. -0.004 min
Lab File: BN035893.D
Acq: 06 Jan 2025 12:28

Tgt Ion: 88 Resp: 683

Ion	Ratio	Lower	Upper
88	100		
43	62.7	32.7	49.1#
58	92.1	63.0	94.4



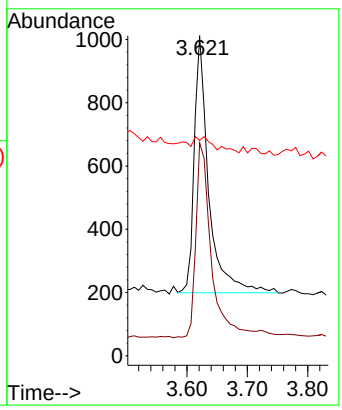


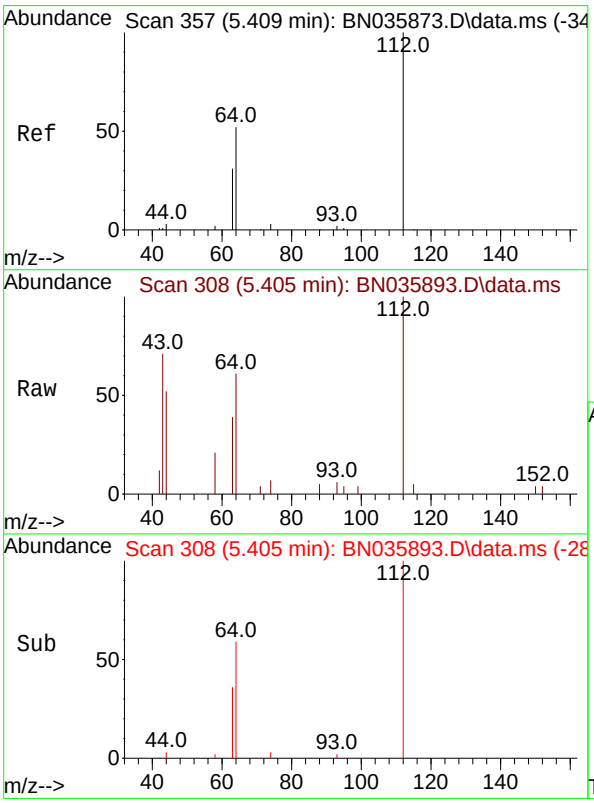
#3
n-Nitrosodimethylamine
Concen: 0.378 ng
RT: 3.621 min Scan# 61
Delta R.T. -0.011 min
Lab File: BN035893.D
Acq: 06 Jan 2025 12:28

Instrument :
BNA_N
ClientSampleId :
PB165947BS

Tgt Ion: 42 Resp: 1353

Ion	Ratio	Lower	Upper
42	100		
74	83.1	62.2	93.2
44	8.4	7.1	10.7

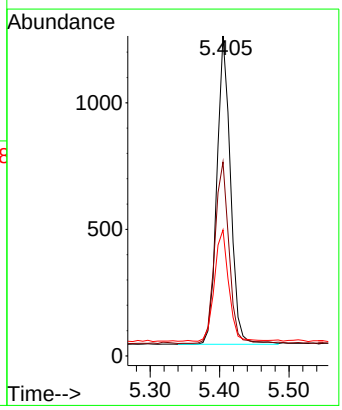


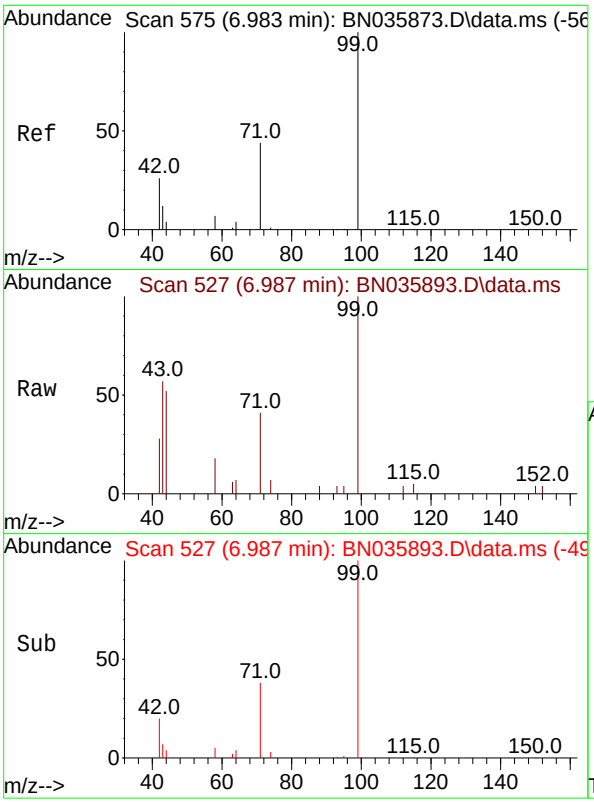


#4
2-Fluorophenol
Concen: 0.329 ng
RT: 5.405 min Scan# 308
Delta R.T. -0.004 min
Lab File: BN035893.D
Acq: 06 Jan 2025 12:28

Tgt Ion:112 Resp: 1668

Ion	Ratio	Lower	Upper
112	100		
64	61.2	48.2	72.2
63	37.8	30.0	45.0



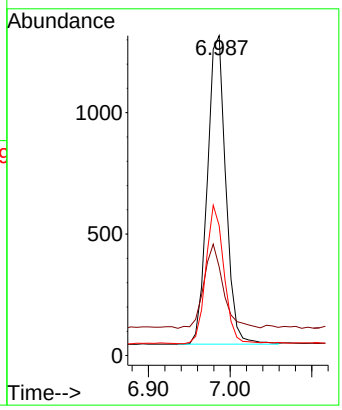


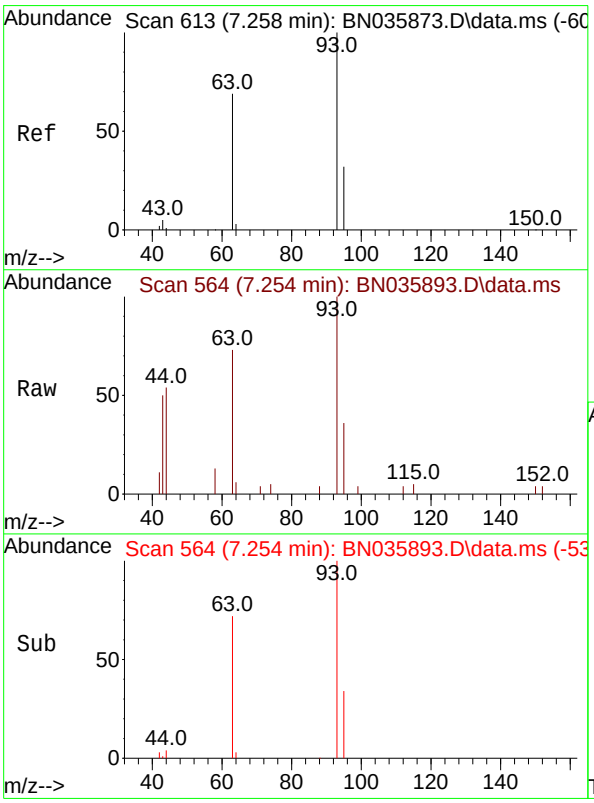
#5
Phenol-d6
Concen: 0.316 ng
RT: 6.987 min Scan# 5
Delta R.T. 0.003 min
Lab File: BN035893.D
Acq: 06 Jan 2025 12:28

Instrument :
BNA_N
ClientSampleId :
PB165947BS

Tgt Ion: 99 Resp: 1988

Ion	Ratio	Lower	Upper
99	100		
42	28.7	23.5	35.3
71	44.4	35.5	53.3

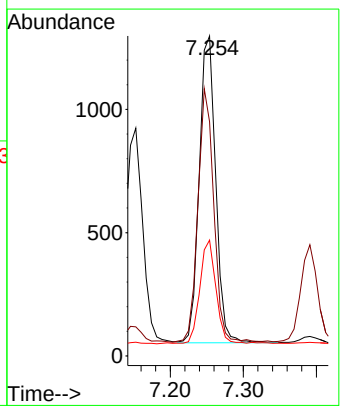


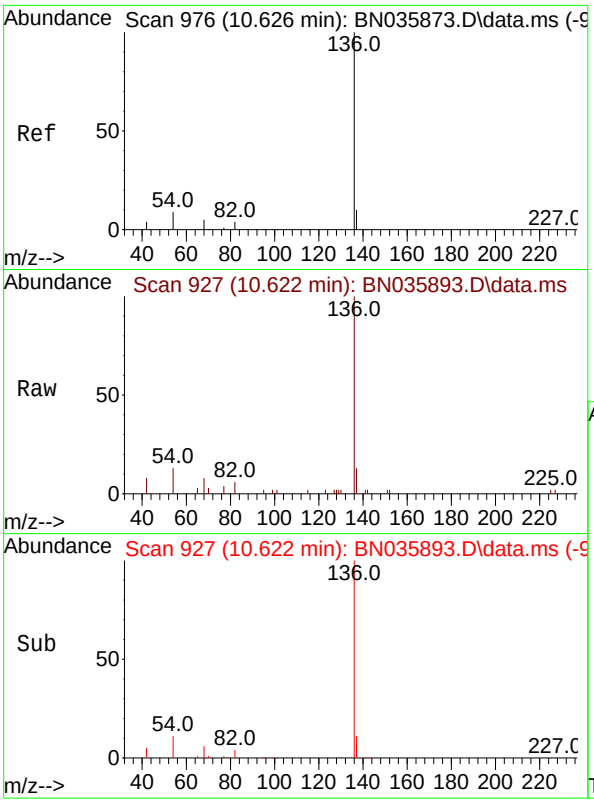


#6
bis(2-Chloroethyl)ether
Concen: 0.405 ng
RT: 7.254 min Scan# 564
Delta R.T. -0.004 min
Lab File: BN035893.D
Acq: 06 Jan 2025 12:28

Tgt Ion: 93 Resp: 1946

Ion	Ratio	Lower	Upper
93	100		
63	79.4	62.0	93.0
95	32.8	25.5	38.3



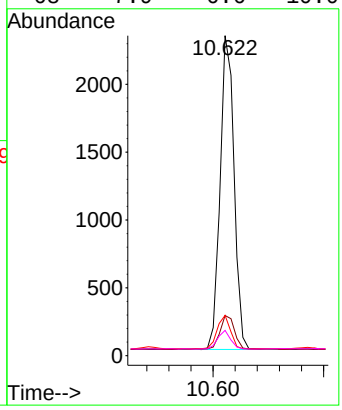


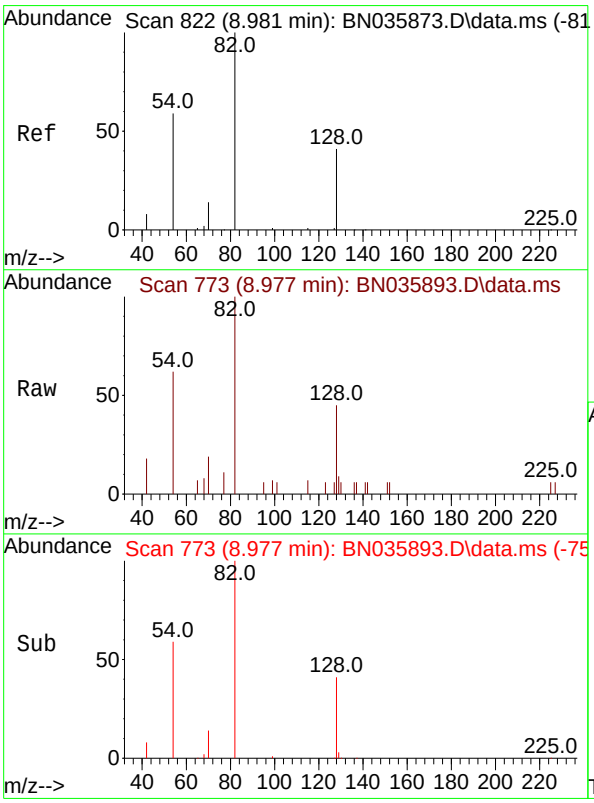
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.622 min Scan# 9
Delta R.T. -0.004 min
Lab File: BN035893.D
Acq: 06 Jan 2025 12:28

Instrument :
BNA_N
ClientSampleId :
PB165947BS

Tgt Ion:136 Resp: 4038

Ion	Ratio	Lower	Upper
136	100		
137	12.5	10.6	15.8
54	12.6	9.8	14.6
68	7.9	6.6	10.0

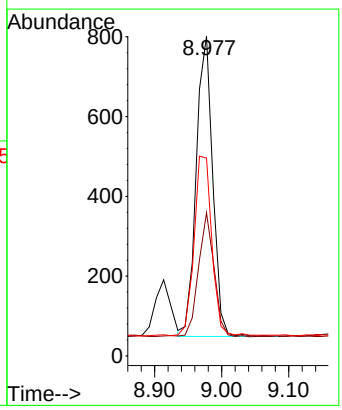


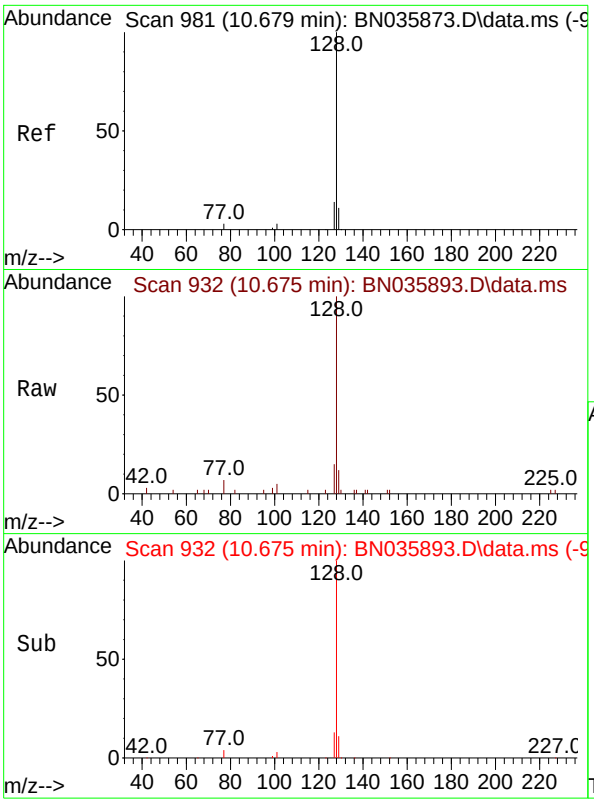


#8
Nitrobenzene-d5
Concen: 0.403 ng
RT: 8.977 min Scan# 773
Delta R.T. -0.004 min
Lab File: BN035893.D
Acq: 06 Jan 2025 12:28

Tgt Ion: 82 Resp: 1287

Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.9	55.3
54	61.8	50.4	75.6



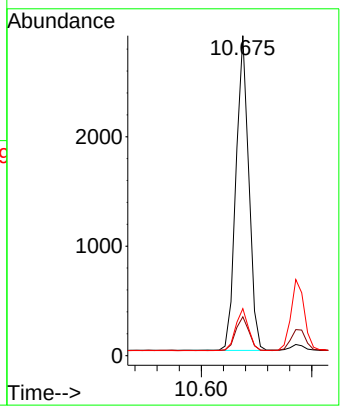


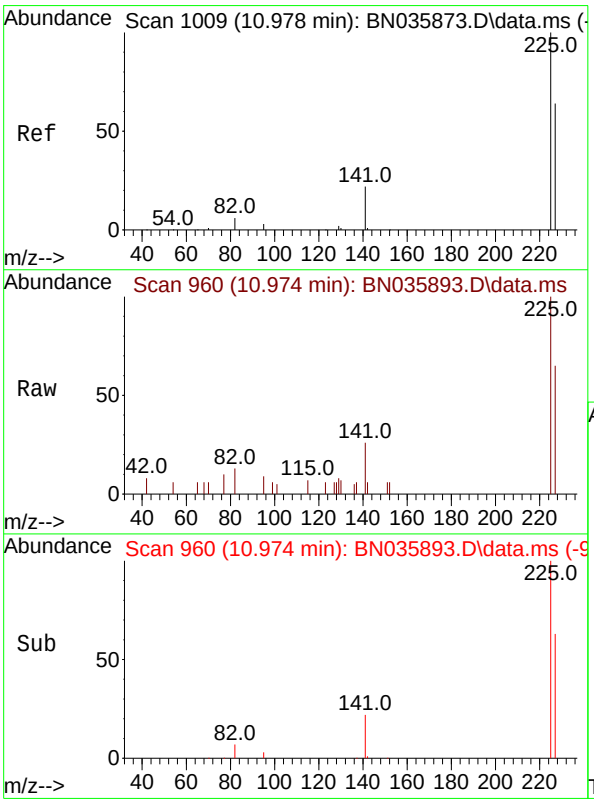
#9
Naphthalene
Concen: 0.409 ng
RT: 10.675 min Scan# 9
Delta R.T. -0.004 min
Lab File: BN035893.D
Acq: 06 Jan 2025 12:28

Instrument :
BNA_N
ClientSampleId :
PB165947BS

Tgt Ion:128 Resp: 4641

Ion	Ratio	Lower	Upper
128	100		
129	12.1	10.6	16.0
127	14.7	12.8	19.2

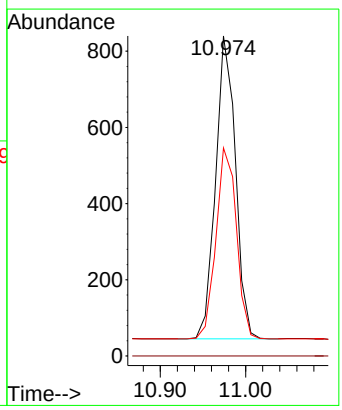


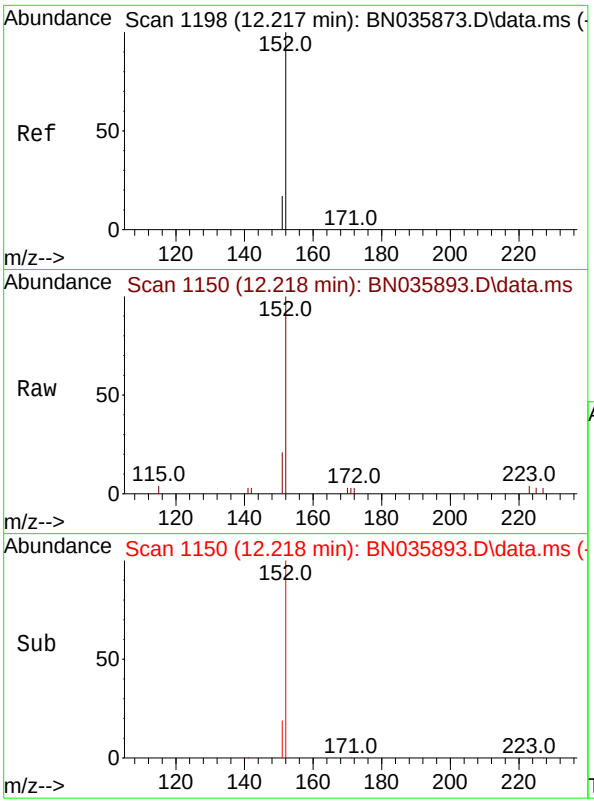


#10
Hexachlorobutadiene
Concen: 0.349 ng
RT: 10.974 min Scan# 960
Delta R.T. -0.004 min
Lab File: BN035893.D
Acq: 06 Jan 2025 12:28

Tgt Ion:225 Resp: 1283

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	65.0	51.5	77.3



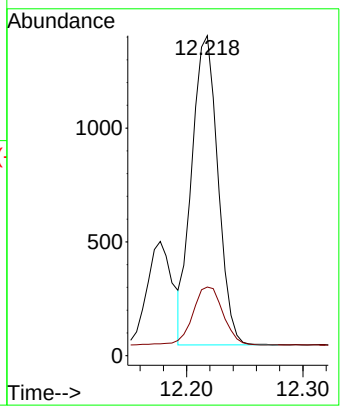


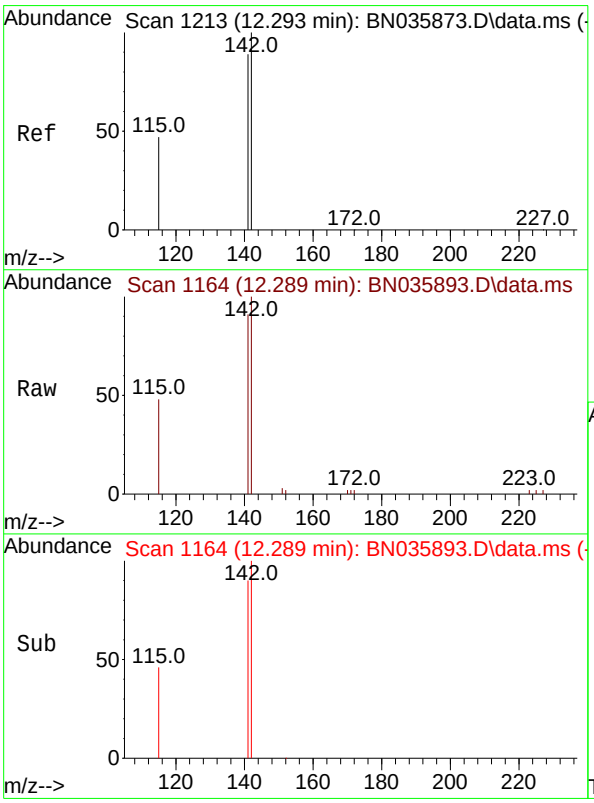
#11
2-Methylnaphthalene-d10
Concen: 0.393 ng
RT: 12.218 min Scan# 11
Delta R.T. 0.001 min
Lab File: BN035893.D
Acq: 06 Jan 2025 12:28

Instrument :
BNA_N
ClientSampleId :
PB165947BS

Tgt Ion:152 Resp: 2124

Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.0	25.6

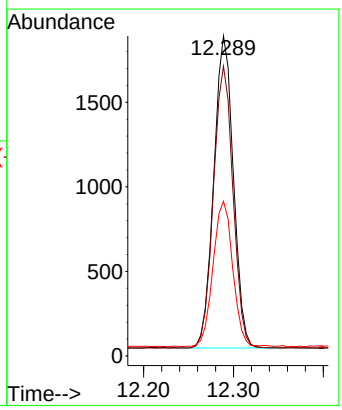


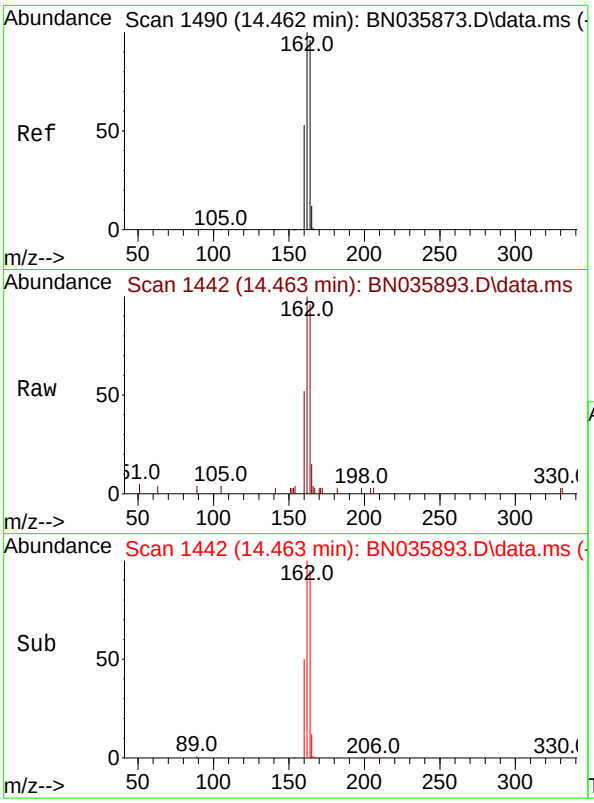


#12
2-Methylnaphthalene
Concen: 0.398 ng
RT: 12.289 min Scan# 1164
Delta R.T. -0.004 min
Lab File: BN035893.D
Acq: 06 Jan 2025 12:28

Tgt Ion:142 Resp: 2793

Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.9	107.9
115	48.3	39.6	59.4



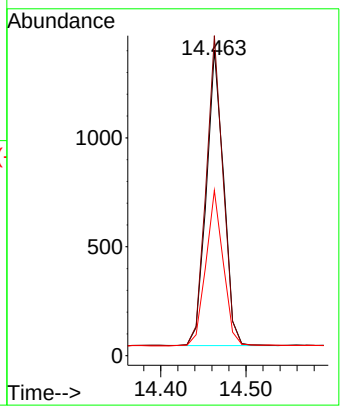


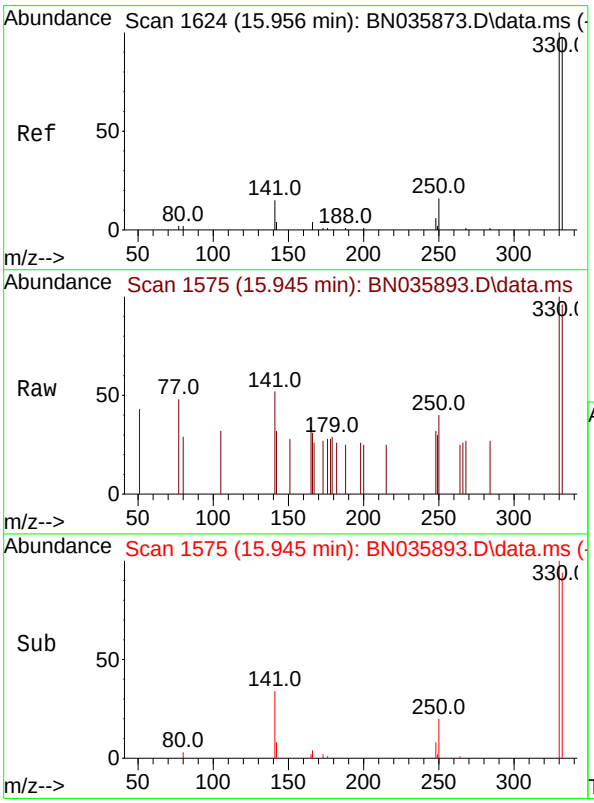
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.463 min Scan# 14
Delta R.T. 0.001 min
Lab File: BN035893.D
Acq: 06 Jan 2025 12:28

Instrument :
BNA_N
ClientSampleId :
PB165947BS

Tgt Ion:164 Resp: 1913

Ion	Ratio	Lower	Upper
164	100		
162	104.7	83.1	124.7
160	54.1	46.0	69.0

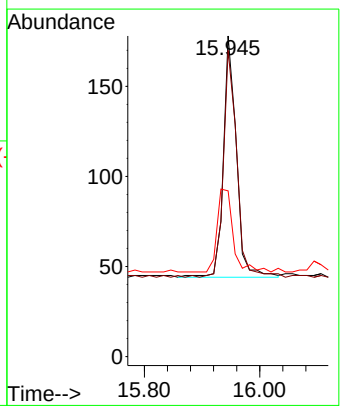


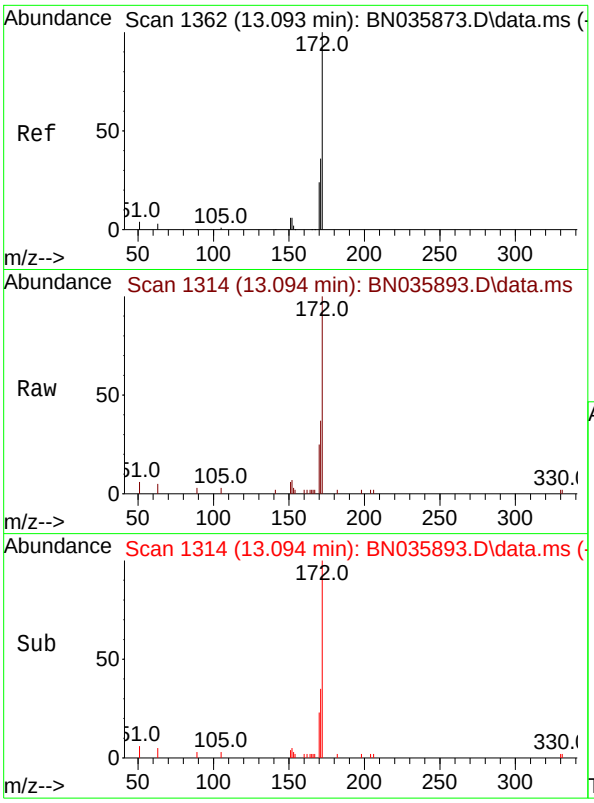


#14
2,4,6-Tribromophenol
Concen: 0.229 ng
RT: 15.945 min Scan# 1575
Delta R.T. -0.011 min
Lab File: BN035893.D
Acq: 06 Jan 2025 12:28

Tgt Ion:330 Resp: 210

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.2	115.8
141	42.4	31.6	47.4



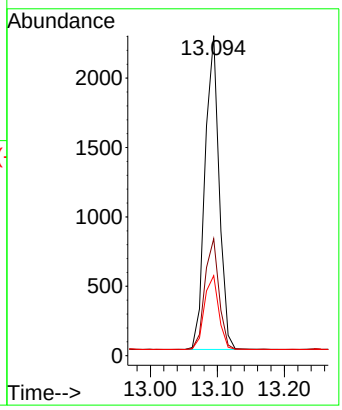


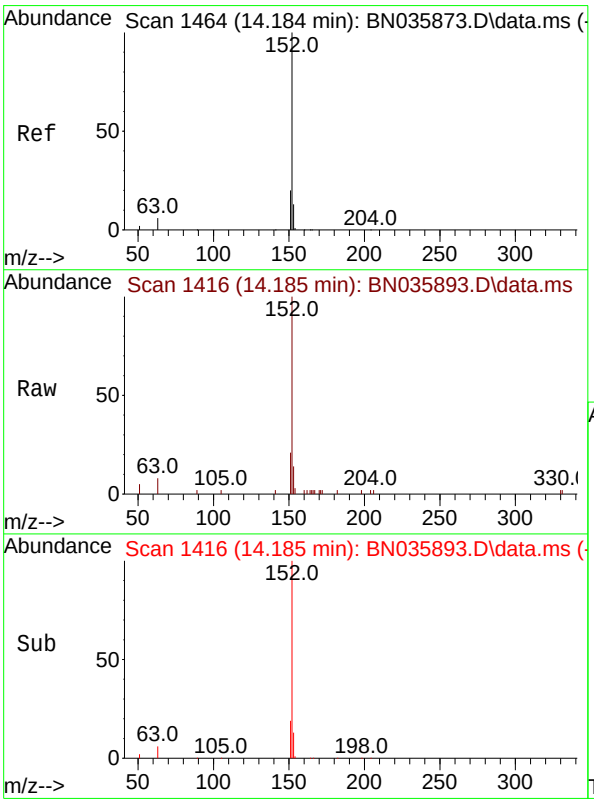
#15
2-Fluorobiphenyl
Concen: 0.393 ng
RT: 13.094 min Scan# 1
Delta R.T. 0.001 min
Lab File: BN035893.D
Acq: 06 Jan 2025 12:28

Instrument :
BNA_N
ClientSampleId :
PB165947BS

Tgt Ion:172 Resp: 3301

Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.5	45.7
170	25.0	20.8	31.2

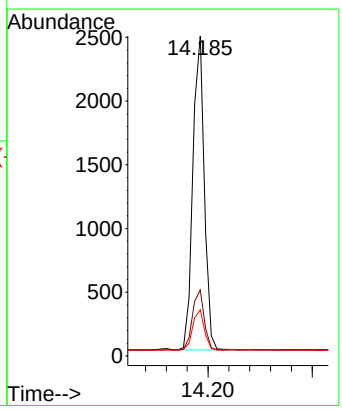


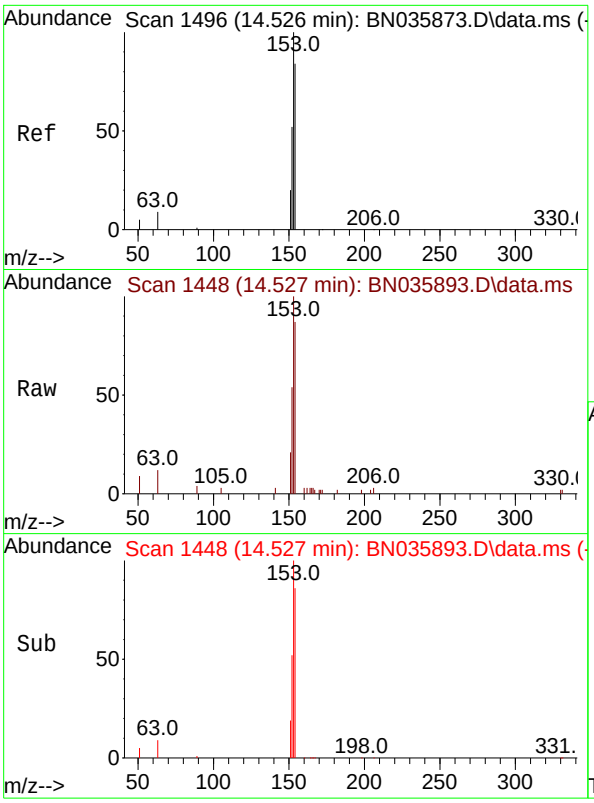


#16
Acenaphthylene
Concen: 0.418 ng
RT: 14.185 min Scan# 1416
Delta R.T. 0.001 min
Lab File: BN035893.D
Acq: 06 Jan 2025 12:28

Tgt Ion:152 Resp: 3763

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.3	24.5
153	13.0	10.6	15.8



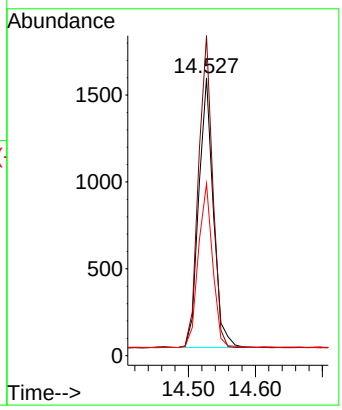


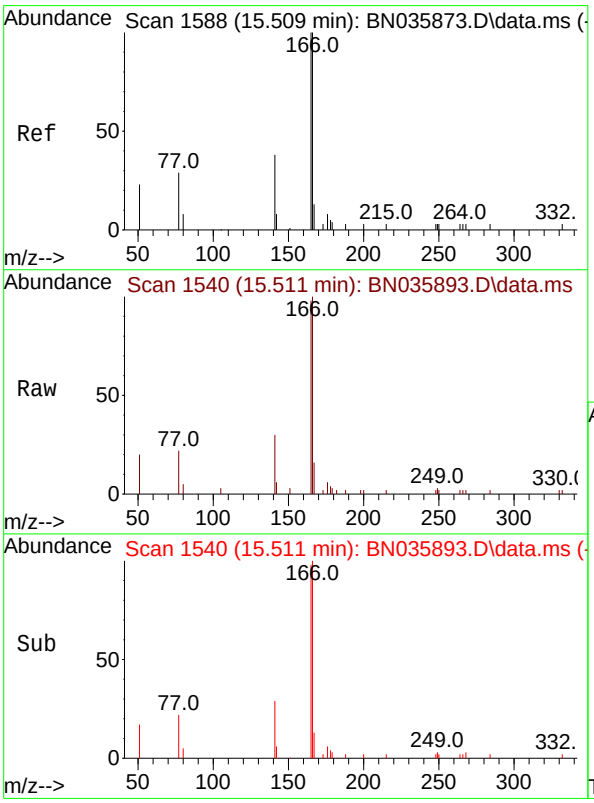
#17
Acenaphthene
Concen: 0.398 ng
RT: 14.527 min Scan# 14
Delta R.T. 0.001 min
Lab File: BN035893.D
Acq: 06 Jan 2025 12:28

Instrument :
BNA_N
ClientSampleId :
PB165947BS

Tgt Ion:154 Resp: 2349

Ion	Ratio	Lower	Upper
154	100		
153	111.9	90.5	135.7
152	59.8	48.6	73.0

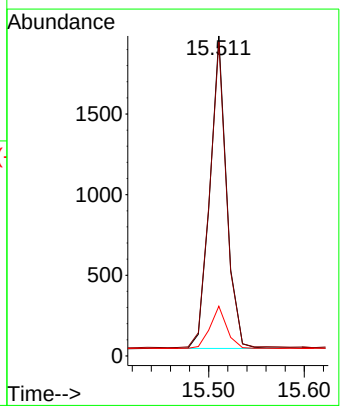


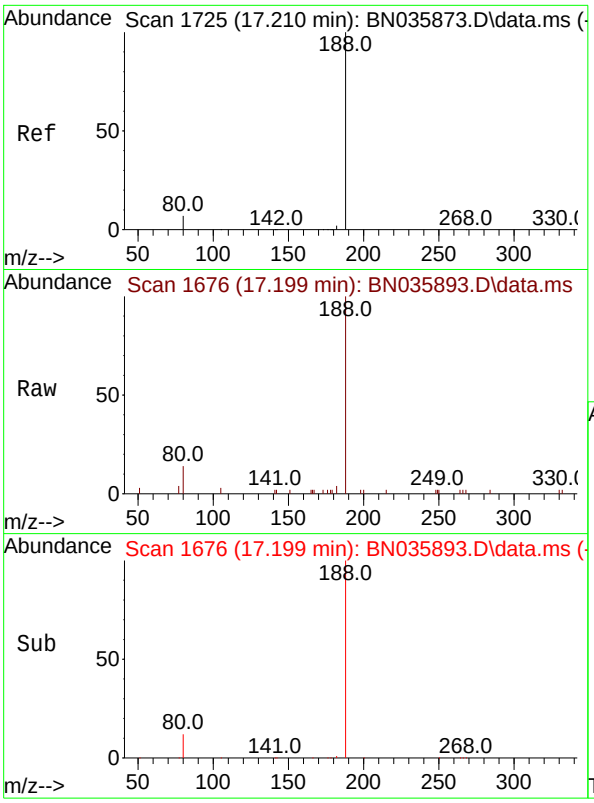


#18
Fluorene
Concen: 0.367 ng
RT: 15.511 min Scan# 1540
Delta R.T. 0.001 min
Lab File: BN035893.D
Acq: 06 Jan 2025 12:28

Tgt Ion:166 Resp: 2387

Ion	Ratio	Lower	Upper
166	100		
165	99.7	80.6	120.8
167	13.6	11.4	17.0



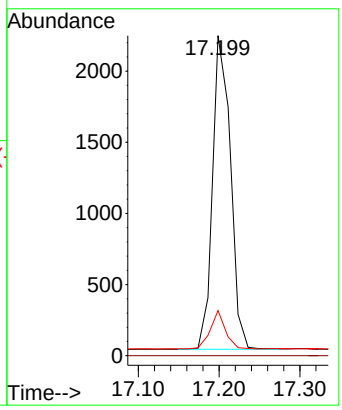


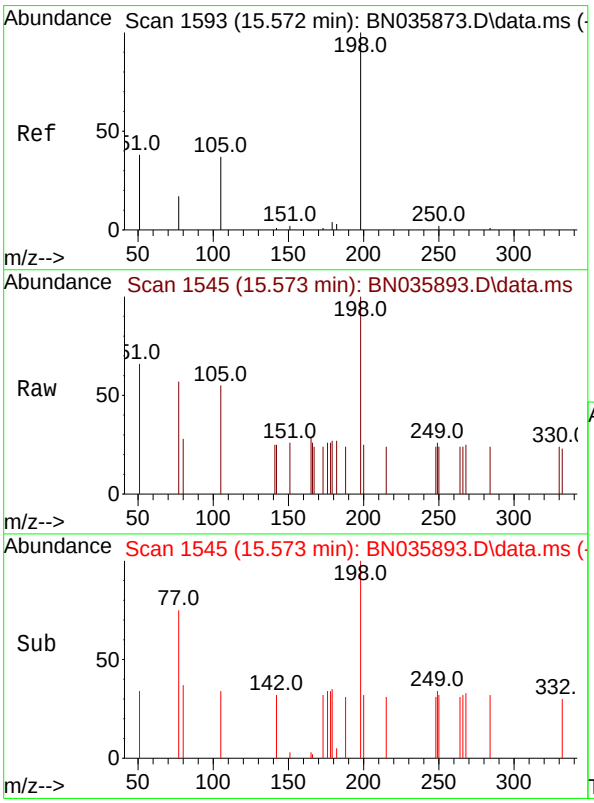
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.199 min Scan# 1(
Delta R.T. -0.011 min
Lab File: BN035893.D
Acq: 06 Jan 2025 12:28

Instrument :
BNA_N
ClientSampleId :
PB165947BS

Tgt Ion:188 Resp: 3390

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.1	7.3	10.9#

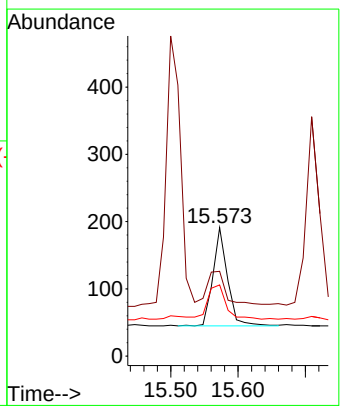


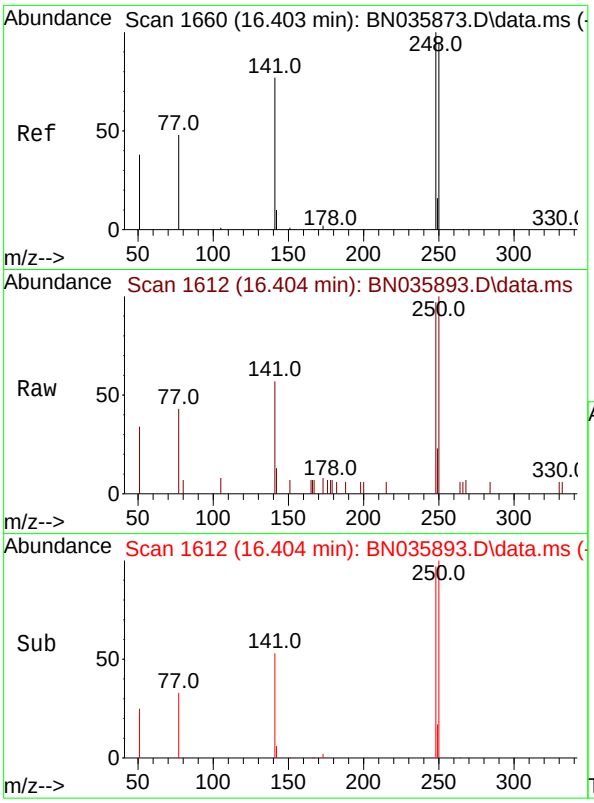


#20
4,6-Dinitro-2-methylphenol
Concen: 0.372 ng
RT: 15.573 min Scan# 1545
Delta R.T. 0.001 min
Lab File: BN035893.D
Acq: 06 Jan 2025 12:28

Tgt Ion:198 Resp: 219

Ion	Ratio	Lower	Upper
198	100		
51	66.0	64.3	96.5
105	55.5	50.0	75.0



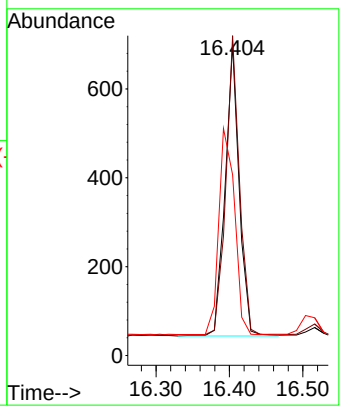


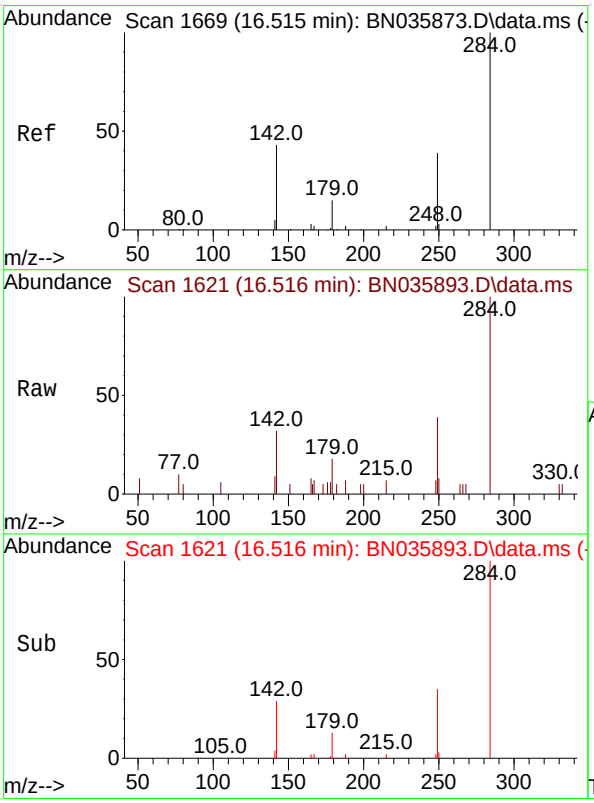
#21
4-Bromophenyl-phenylether
Concen: 0.376 ng
RT: 16.404 min Scan# 1(
Delta R.T. 0.001 min
Lab File: BN035893.D
Acq: 06 Jan 2025 12:28

Instrument :
BNA_N
ClientSampleId :
PB165947BS

Tgt Ion:248 Resp: 873

Ion	Ratio	Lower	Upper
248	100		
250	102.7	76.8	115.2
141	58.1	63.6	95.4#

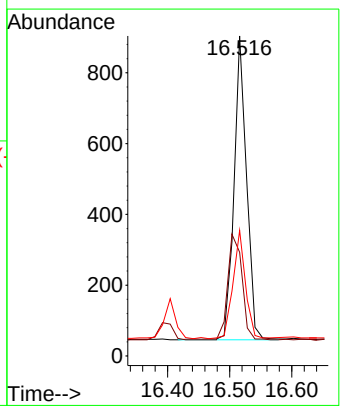


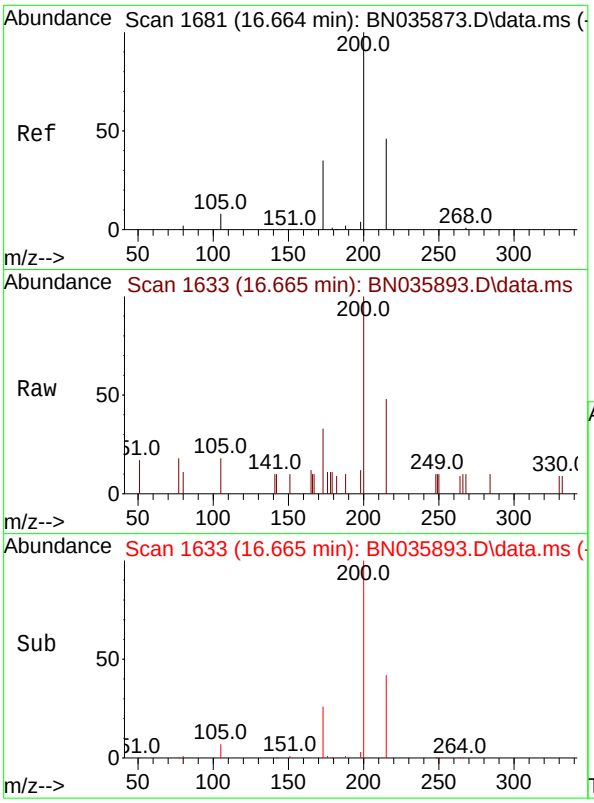


#22
Hexachlorobenzene
Concen: 0.380 ng
RT: 16.516 min Scan# 1621
Delta R.T. 0.001 min
Lab File: BN035893.D
Acq: 06 Jan 2025 12:28

Tgt Ion:284 Resp: 1205

Ion	Ratio	Lower	Upper
284	100		
142	39.1	31.4	47.0
249	35.4	27.8	41.8



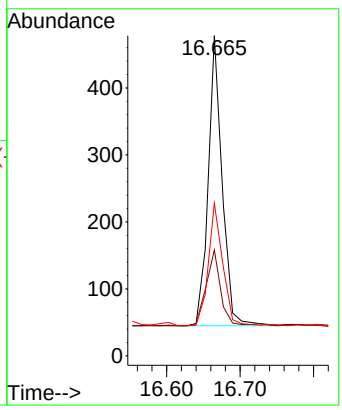


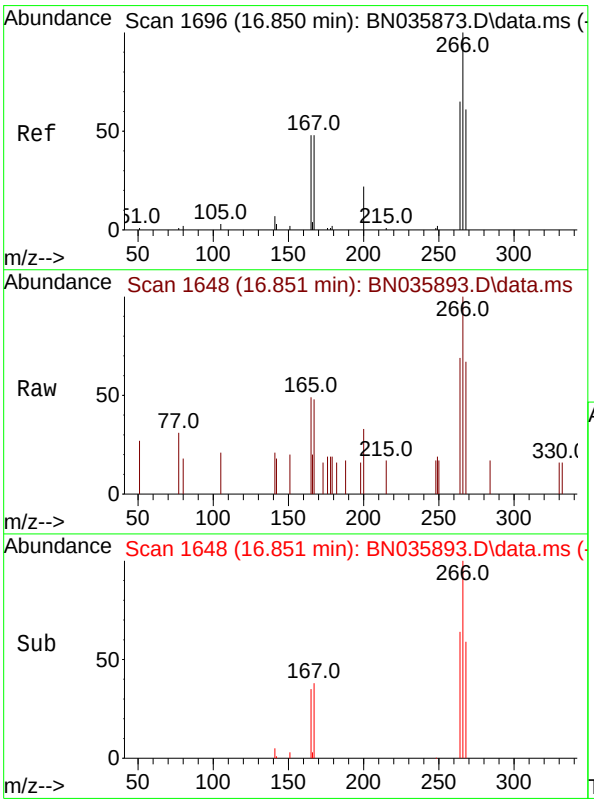
#23
Atrazine
Concen: 0.366 ng
RT: 16.665 min Scan# 1
Delta R.T. 0.001 min
Lab File: BN035893.D
Acq: 06 Jan 2025 12:28

Instrument :
BNA_N
ClientSampleId :
PB165947BS

Tgt Ion:200 Resp: 570

Ion	Ratio	Lower	Upper
200	100		
173	33.1	35.4	53.0#
215	47.7	42.4	63.6

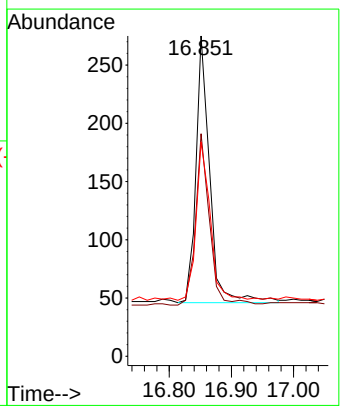


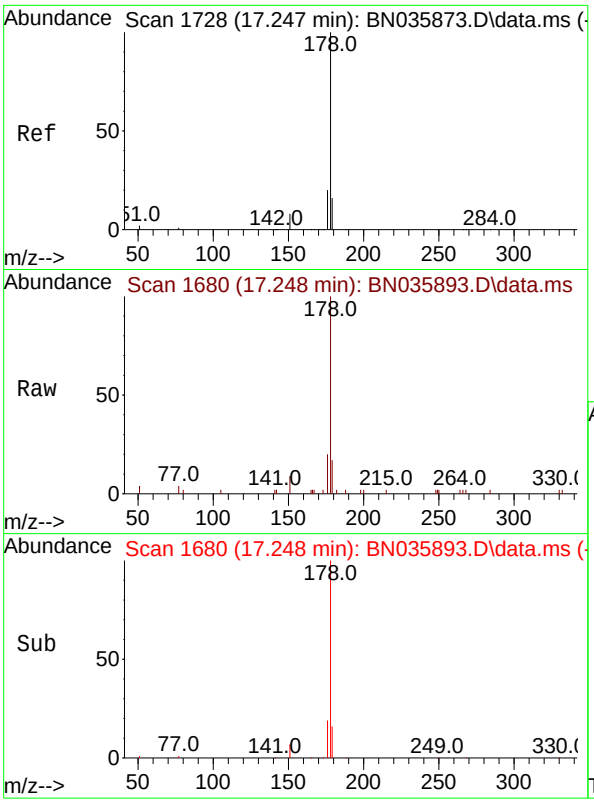


#24
Pentachlorophenol
Concen: 0.316 ng
RT: 16.851 min Scan# 1648
Delta R.T. 0.001 min
Lab File: BN035893.D
Acq: 06 Jan 2025 12:28

Tgt Ion:266 Resp: 354

Ion	Ratio	Lower	Upper
266	100		
264	64.4	49.9	74.9
268	61.6	50.2	75.2



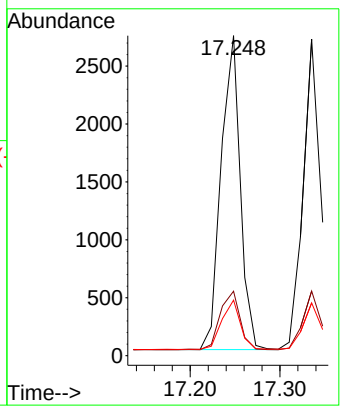


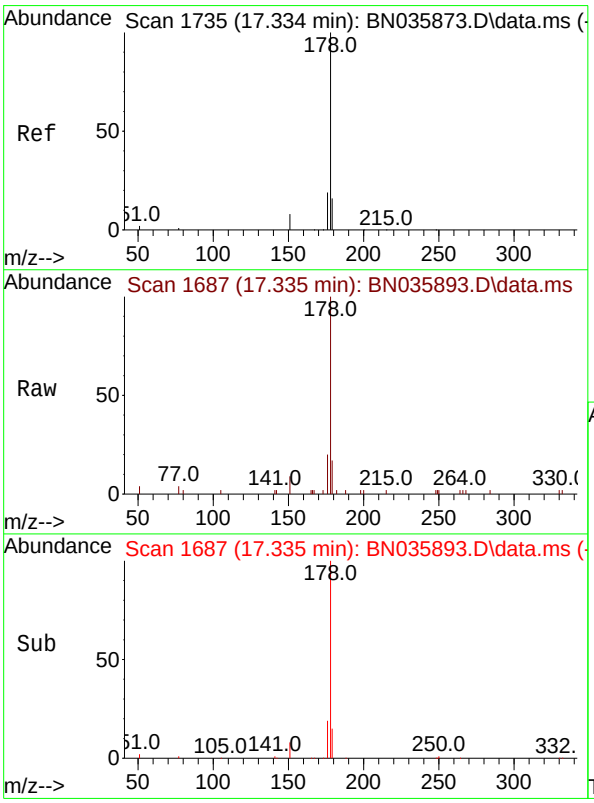
#25
Phenanthrene
Concen: 0.408 ng
RT: 17.248 min Scan# 1(
Delta R.T. 0.001 min
Lab File: BN035893.D
Acq: 06 Jan 2025 12:28

Instrument :
BNA_N
ClientSampleId :
PB165947BS

Tgt Ion:178 Resp: 4031

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.9	23.9
179	15.5	12.9	19.3

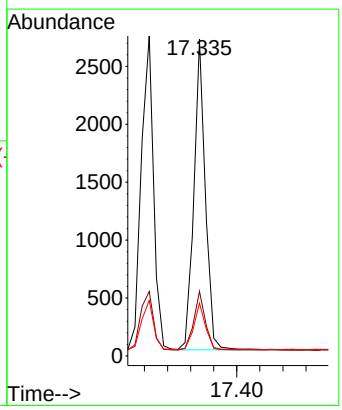


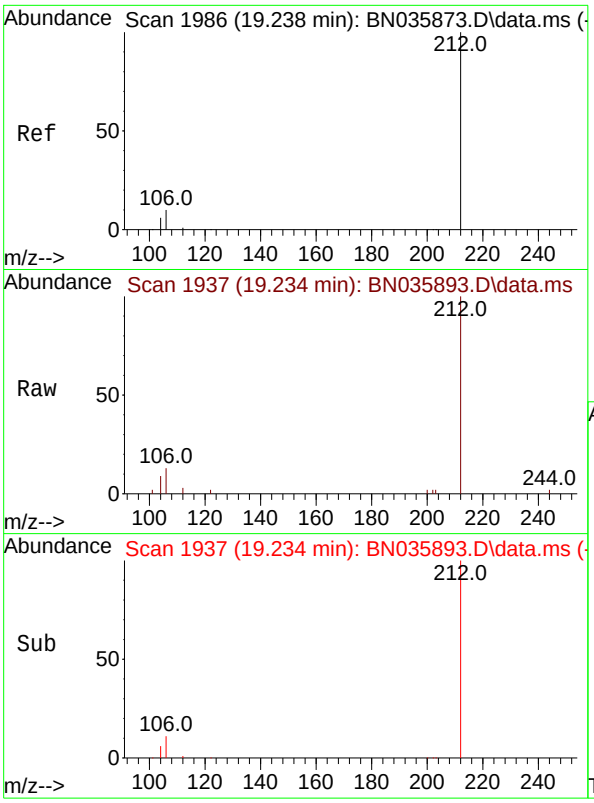


#26
Anthracene
Concen: 0.411 ng
RT: 17.335 min Scan# 1687
Delta R.T. 0.001 min
Lab File: BN035893.D
Acq: 06 Jan 2025 12:28

Tgt Ion:178 Resp: 3704

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.0	22.6
179	15.5	13.0	19.6



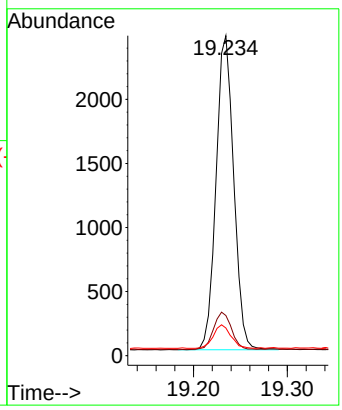


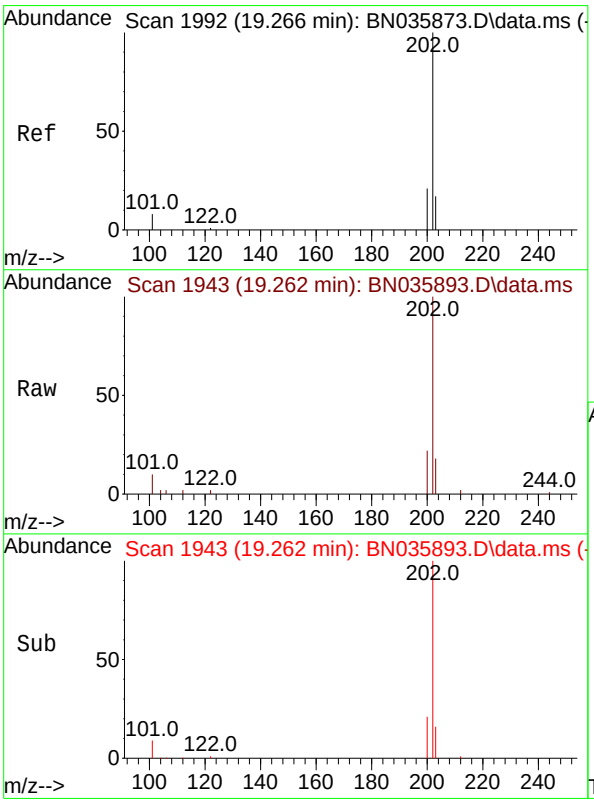
#27
Fluoranthene-d10
Concen: 0.380 ng
RT: 19.234 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN035893.D
Acq: 06 Jan 2025 12:28

Instrument :
BNA_N
ClientSampleId :
PB165947BS

Tgt Ion:212 Resp: 3199

Ion	Ratio	Lower	Upper
212	100		
106	12.0	9.0	13.6
104	7.4	5.4	8.2

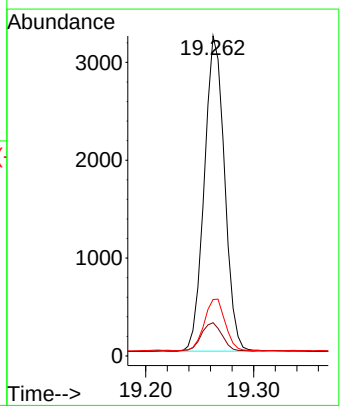


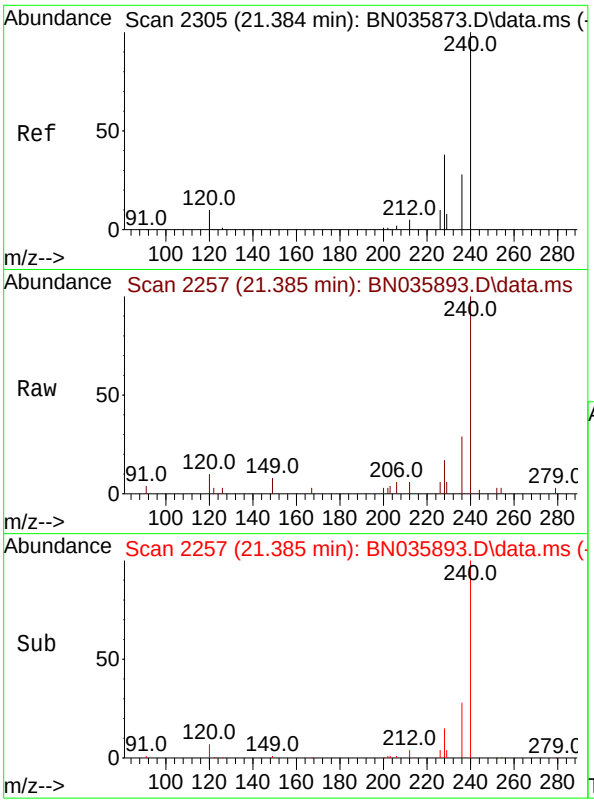


#28
Fluoranthene
Concen: 0.364 ng
RT: 19.262 min Scan# 1943
Delta R.T. -0.004 min
Lab File: BN035893.D
Acq: 06 Jan 2025 12:28

Tgt Ion:202 Resp: 4195

Ion	Ratio	Lower	Upper
202	100		
101	9.6	7.2	10.8
203	16.9	13.9	20.9



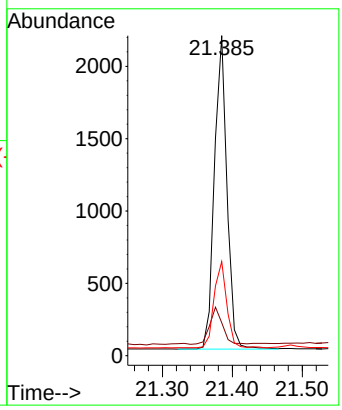


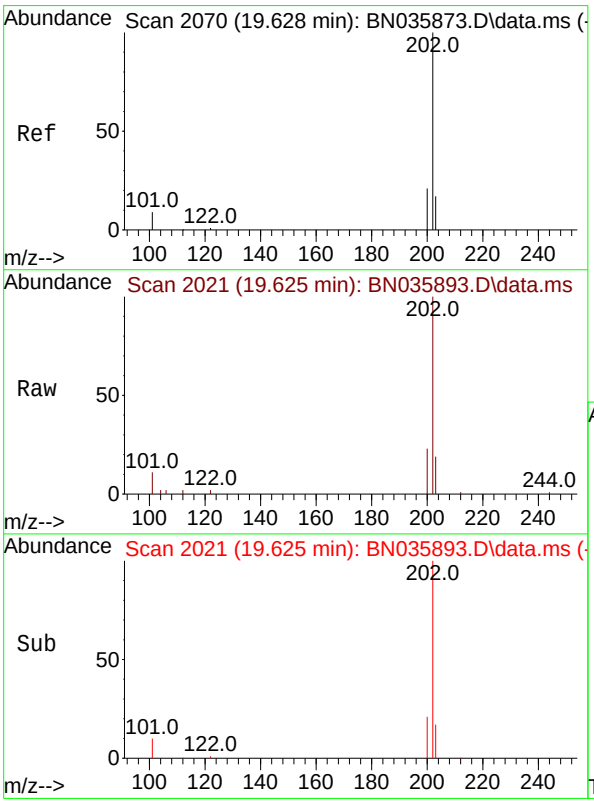
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.385 min Scan# 2
Delta R.T. 0.001 min
Lab File: BN035893.D
Acq: 06 Jan 2025 12:28

Instrument :
BNA_N
ClientSampleId :
PB165947BS

Tgt Ion:240 Resp: 2688

Ion	Ratio	Lower	Upper
240	100		
120	10.3	11.1	16.7#
236	29.4	24.6	36.8

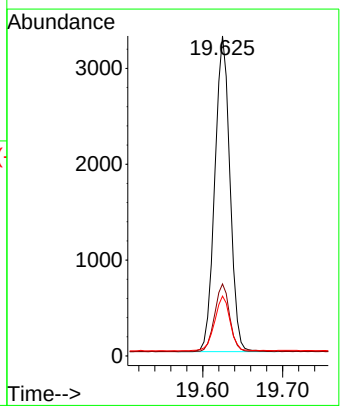


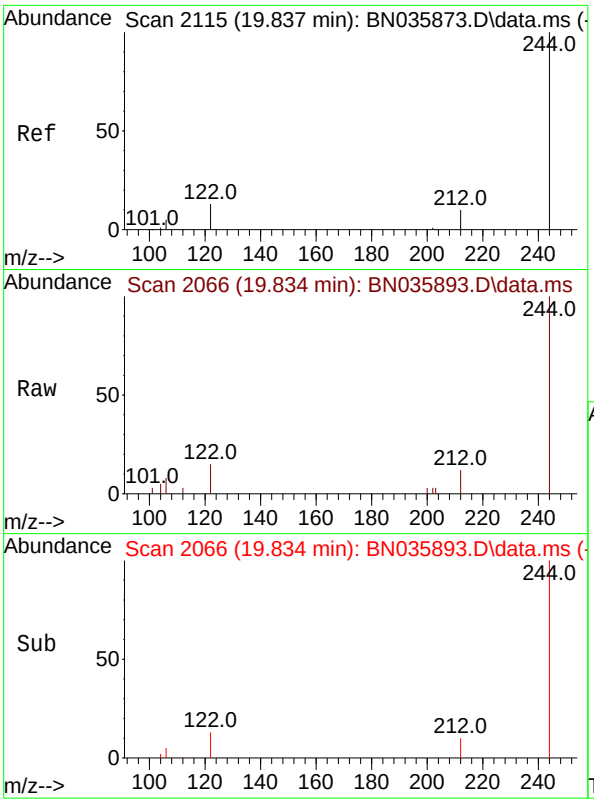


#30
Pyrene
Concen: 0.396 ng
RT: 19.625 min Scan# 2021
Delta R.T. -0.004 min
Lab File: BN035893.D
Acq: 06 Jan 2025 12:28

Tgt Ion:202 Resp: 4324

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.0	25.6
203	18.0	14.6	22.0



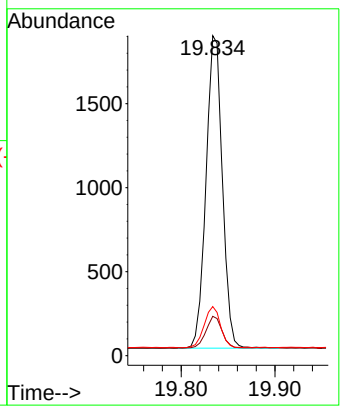


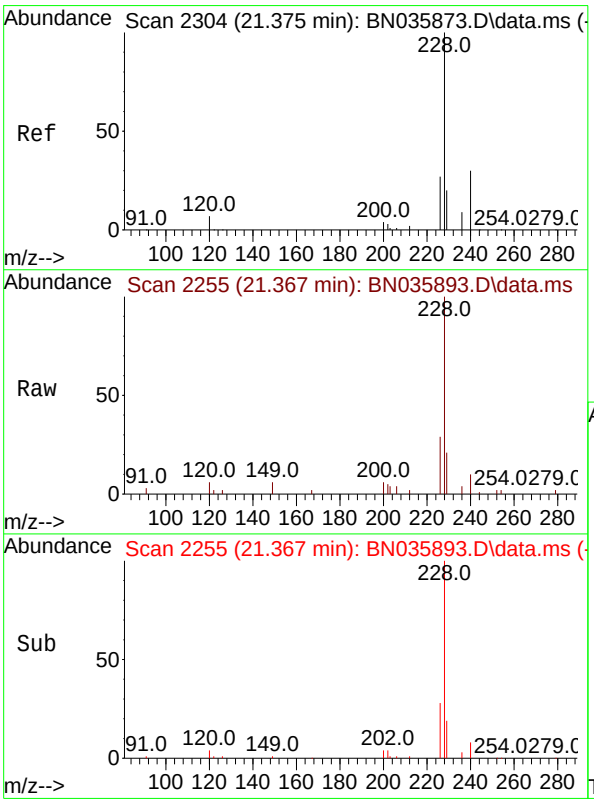
#31
Terphenyl-d14
Concen: 0.420 ng
RT: 19.834 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN035893.D
Acq: 06 Jan 2025 12:28

Instrument :
BNA_N
ClientSampleId :
PB165947BS

Tgt Ion:244 Resp: 2250

Ion	Ratio	Lower	Upper
244	100		
212	12.3	10.1	15.1
122	15.4	12.2	18.4

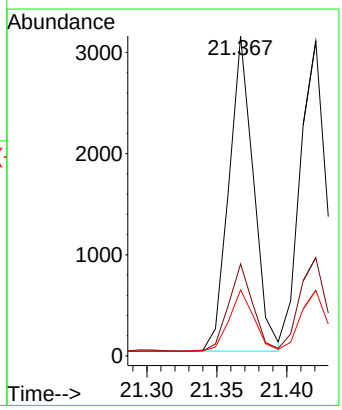


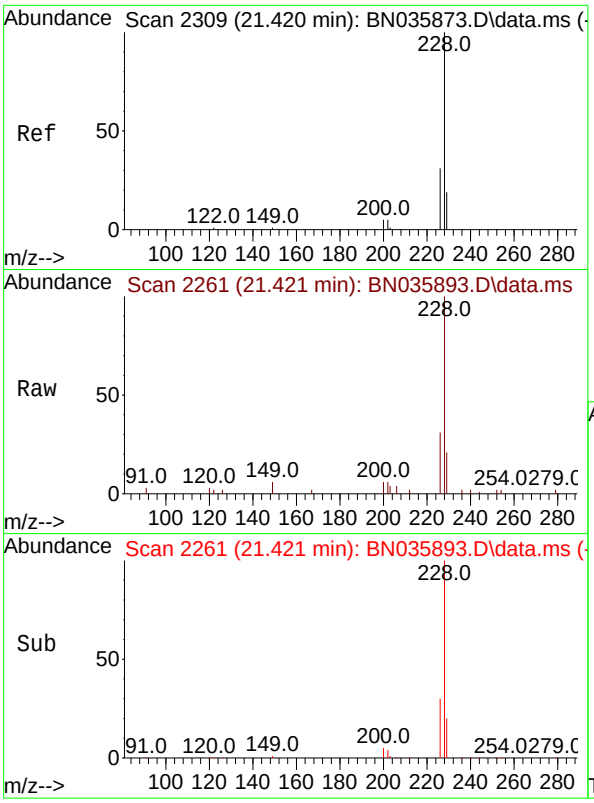


#32
Benzo(a)anthracene
Concen: 0.402 ng
RT: 21.367 min Scan# 2255
Delta R.T. -0.008 min
Lab File: BN035893.D
Acq: 06 Jan 2025 12:28

Tgt Ion:228 Resp: 3804

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.7	34.1
229	20.6	17.1	25.7



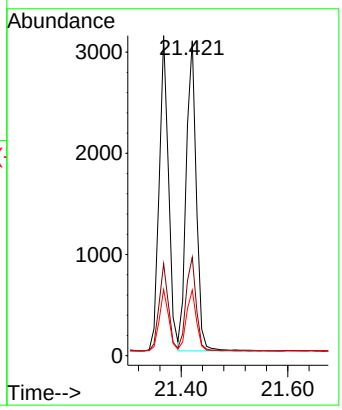


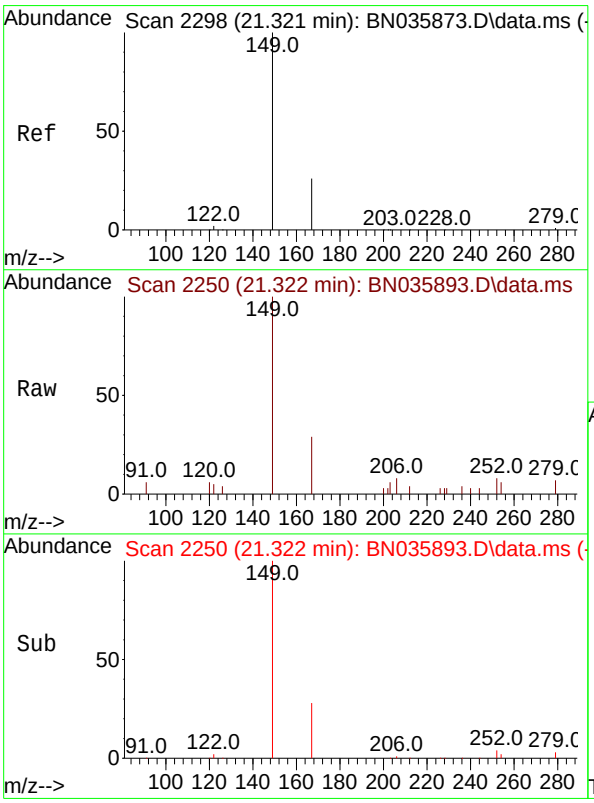
#33
Chrysene
Concen: 0.407 ng
RT: 21.421 min Scan# 2
Delta R.T. 0.001 min
Lab File: BN035893.D
Acq: 06 Jan 2025 12:28

Instrument :
BNA_N
ClientSampleId :
PB165947BS

Tgt Ion:228 Resp: 4030

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.2	37.8
229	20.8	16.0	24.0

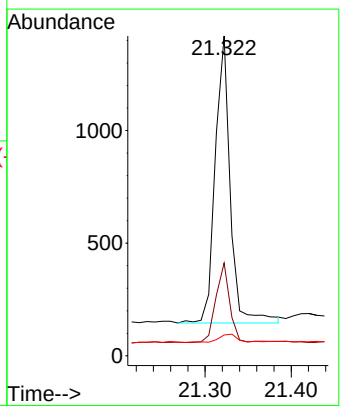


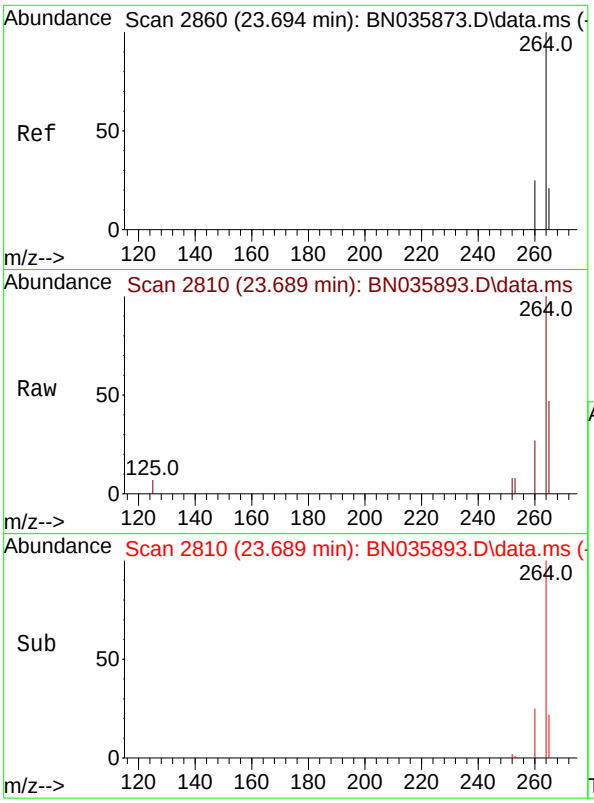


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.401 ng
RT: 21.322 min Scan# 2250
Delta R.T. 0.001 min
Lab File: BN035893.D
Acq: 06 Jan 2025 12:28

Tgt Ion:149 Resp: 1546

Ion	Ratio	Lower	Upper
149	100		
167	25.4	21.4	32.0
279	3.6	3.0	4.6



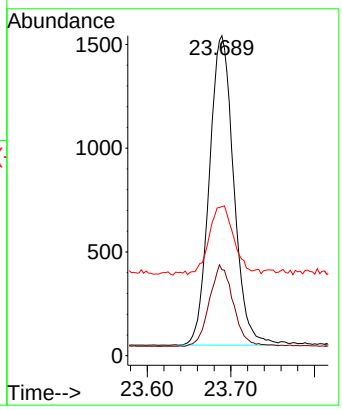


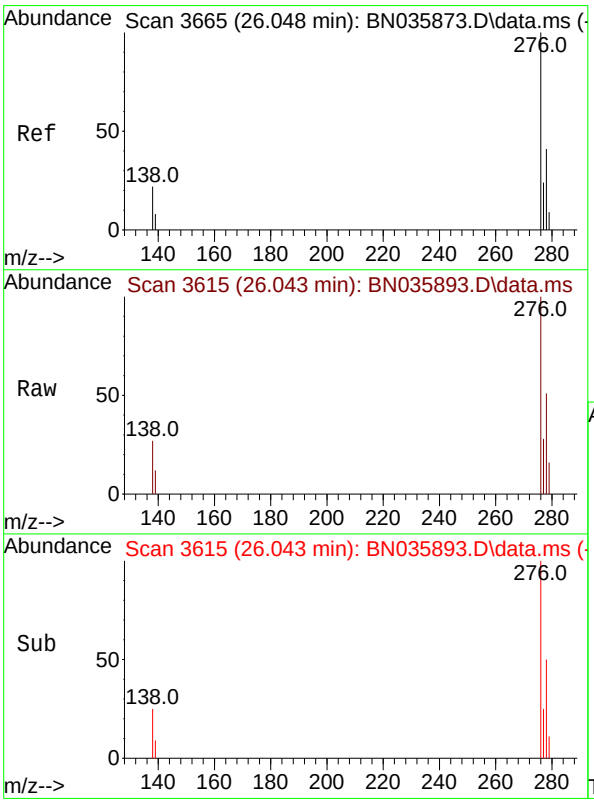
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.689 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN035893.D
Acq: 06 Jan 2025 12:28

Instrument :
BNA_N
ClientSampleId :
PB165947BS

Tgt Ion:264 Resp: 3023

Ion	Ratio	Lower	Upper
264	100		
260	26.8	21.7	32.5
265	46.6	33.9	50.9

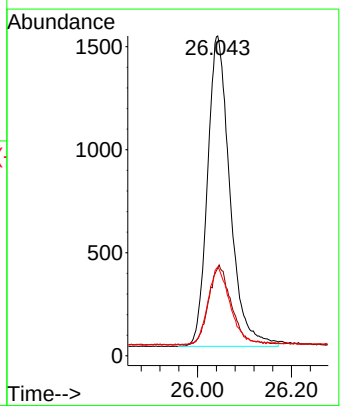


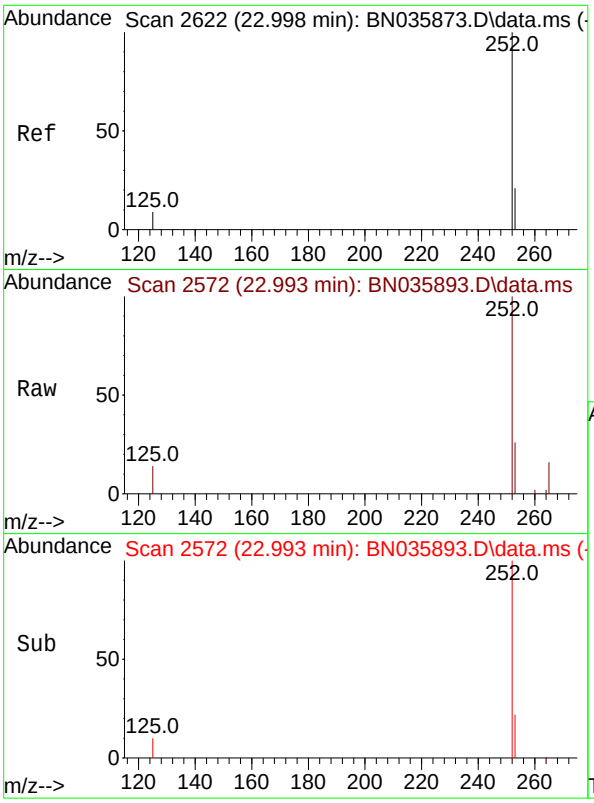


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.420 ng
RT: 26.043 min Scan# 3615
Delta R.T. -0.005 min
Lab File: BN035893.D
Acq: 06 Jan 2025 12:28

Tgt Ion:276 Resp: 5007

Ion	Ratio	Lower	Upper
276	100		
138	25.2	18.9	28.3
277	24.7	19.5	29.3



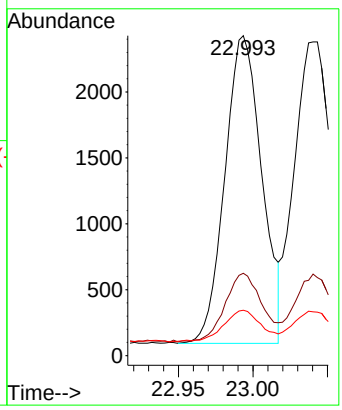


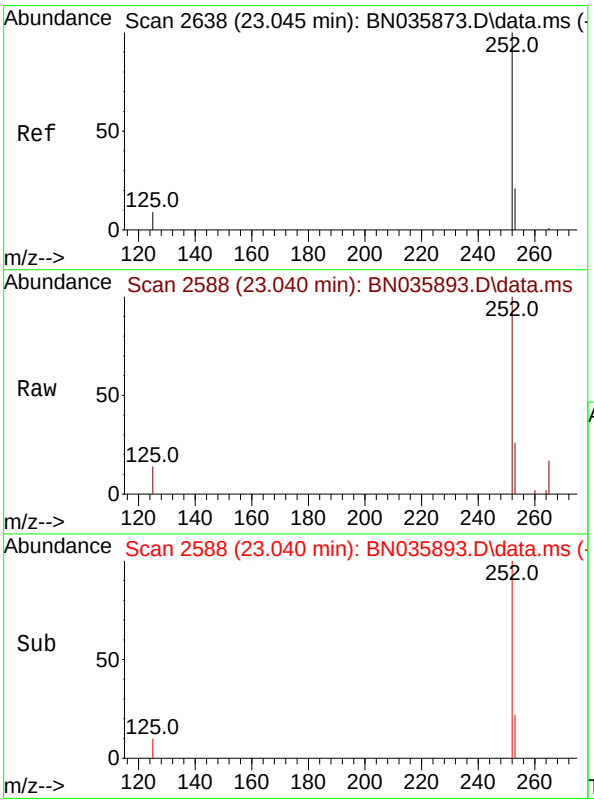
#37
Benzo(b)fluoranthene
Concen: 0.387 ng
RT: 22.993 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN035893.D
Acq: 06 Jan 2025 12:28

Instrument :
BNA_N
ClientSampleId :
PB165947BS

Tgt Ion:252 Resp: 4020

Ion	Ratio	Lower	Upper
252	100		
253	25.8	20.1	30.1
125	14.2	9.9	14.9

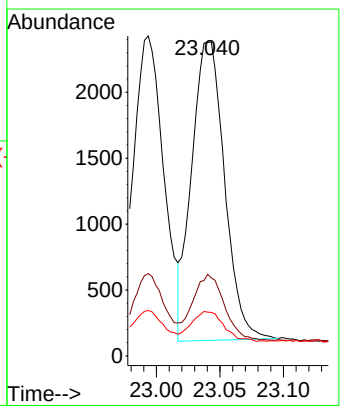


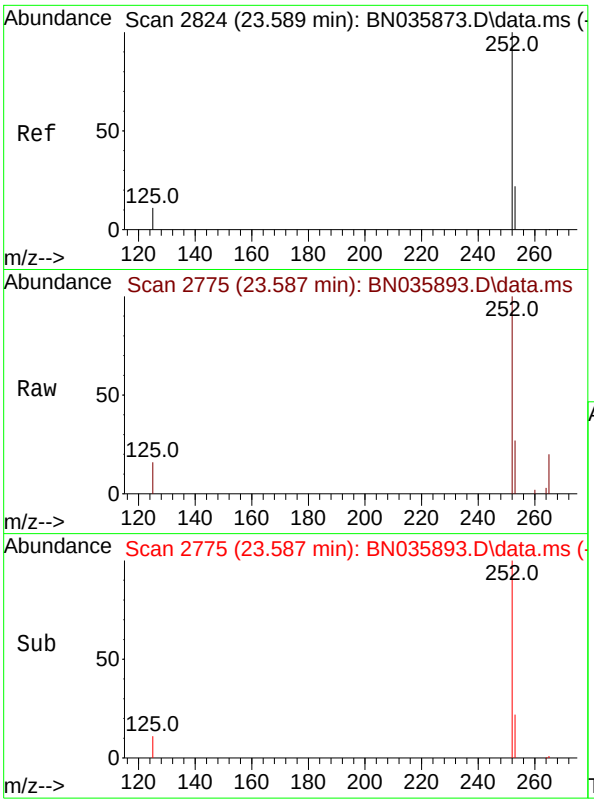


#38
Benzo(k)fluoranthene
Concen: 0.397 ng
RT: 23.040 min Scan# 2588
Delta R.T. -0.005 min
Lab File: BN035893.D
Acq: 06 Jan 2025 12:28

Tgt Ion:252 Resp: 4085

Ion	Ratio	Lower	Upper
252	100		
253	26.0	20.5	30.7
125	13.9	10.6	16.0



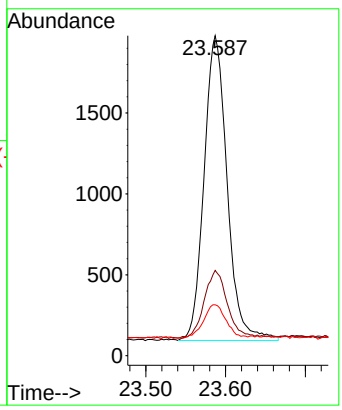


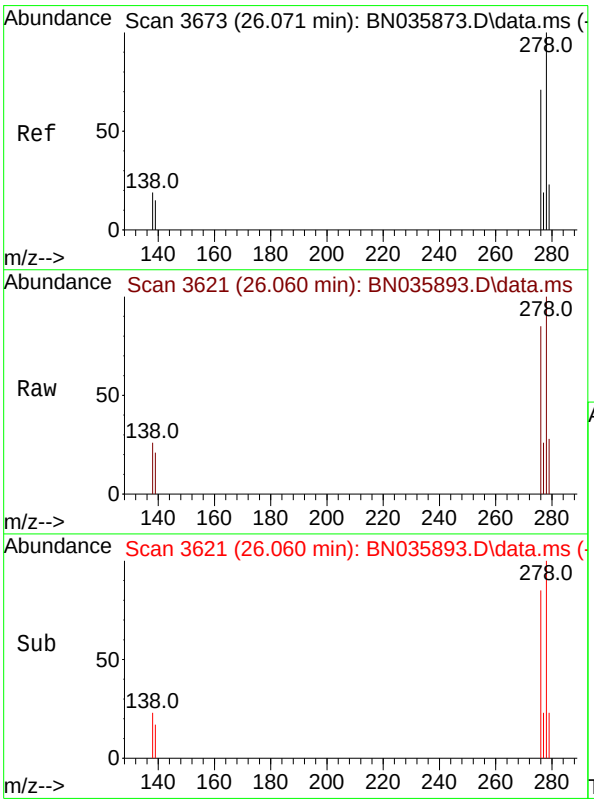
#39
Benzo(a)pyrene
Concen: 0.422 ng
RT: 23.587 min Scan# 2
Delta R.T. -0.002 min
Lab File: BN035893.D
Acq: 06 Jan 2025 12:28

Instrument :
BNA_N
ClientSampleId :
PB165947BS

Tgt Ion:252 Resp: 3795

Ion	Ratio	Lower	Upper
252	100		
253	26.6	21.5	32.3
125	15.9	12.6	19.0

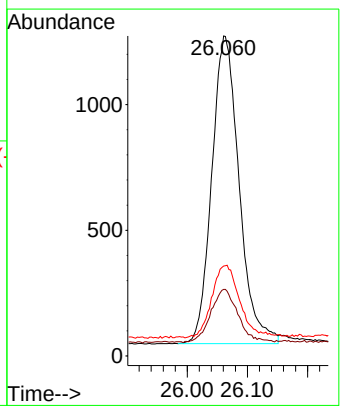


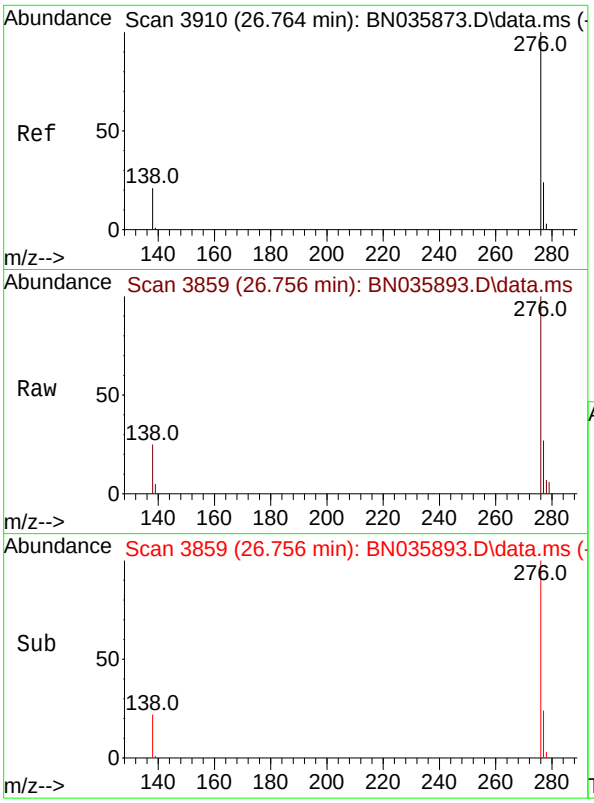


#40
Dibenzo(a,h)anthracene
Concen: 0.407 ng
RT: 26.060 min Scan# 3621
Delta R.T. -0.011 min
Lab File: BN035893.D
Acq: 06 Jan 2025 12:28

Tgt Ion:278 Resp: 3863

Ion	Ratio	Lower	Upper
278	100		
139	20.8	15.9	23.9
279	28.1	23.0	34.4





#41
Benzo(g,h,i)perylene
Concen: 0.377 ng
RT: 26.756 min Scan# 3
Delta R.T. -0.008 min
Lab File: BN035893.D
Acq: 06 Jan 2025 12:28

Instrument :
BNA_N
ClientSampleId :
PB165947BS

Tgt Ion:276 Resp: 3998

Ion	Ratio	Lower	Upper
276	100		
277	27.5	22.8	34.2
138	25.5	20.1	30.1