Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010625\
Data File : BN035895.D
Acq On : 06 Jan 2025 13:43
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jan 06 14:33:20 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

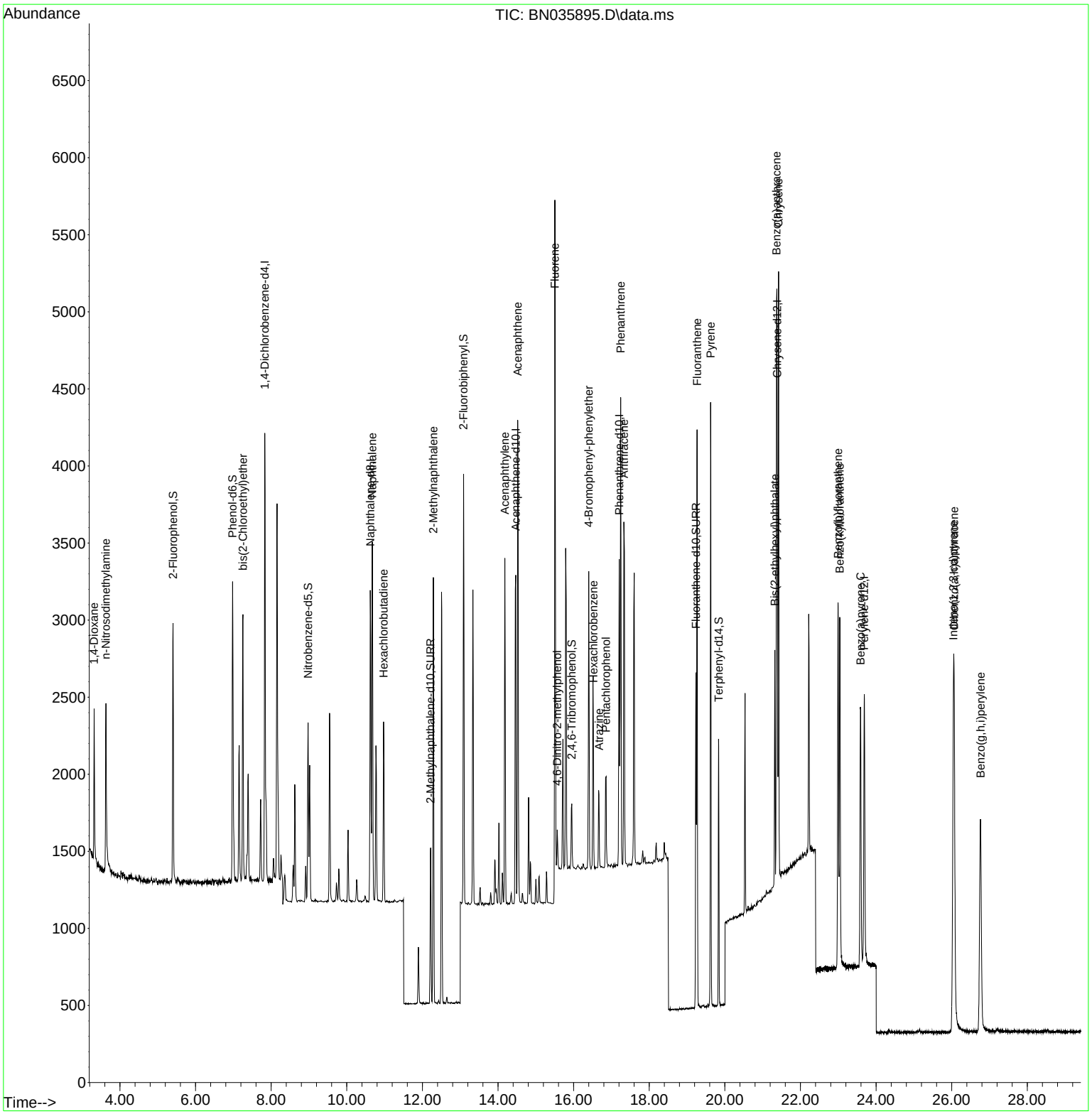
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.832	152	1334	0.400	ng		0.00
7) Naphthalene-d8	10.622	136	2578	0.400	ng		0.00
13) Acenaphthene-d10	14.469	164	1280	0.400	ng		0.00
19) Phenanthrene-d10	17.206	188	2550	0.400	ng		0.00
29) Chrysene-d12	21.384	240	2112	0.400	ng		0.00
35) Perylene-d12	23.689	264	2327	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.405	112	1252	0.383	ng		0.00
5) Phenol-d6	6.979	99	1507	0.371	ng		0.00
8) Nitrobenzene-d5	8.977	82	834	0.409	ng		0.00
11) 2-Methylnaphthalene-d10	12.218	152	1321	0.383	ng		0.00
14) 2,4,6-Tribromophenol	15.952	330	284	0.462	ng		0.00
15) 2-Fluorobiphenyl	13.089	172	2272	0.405	ng		0.00
27) Fluoranthene-d10	19.234	212	2419	0.382	ng		0.00
31) Terphenyl-d14	19.838	244	1607	0.382	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.318	88	518	0.391	ng		97
3) n-Nitrosodimethylamine	3.628	42	944	0.408	ng		100
6) bis(2-Chloroethyl)ether	7.254	93	1218	0.393	ng		98
9) Naphthalene	10.675	128	2879	0.398	ng		99
10) Hexachlorobutadiene	10.974	225	947	0.403	ng	#	99
12) 2-Methylnaphthalene	12.289	142	1744	0.389	ng		99
16) Acenaphthylene	14.180	152	2359	0.391	ng		99
17) Acenaphthene	14.522	154	1600	0.405	ng		98
18) Fluorene	15.506	166	1737	0.399	ng		98
20) 4,6-Dinitro-2-methylph...	15.568	198	196	0.443	ng		96
21) 4-Bromophenyl-phenylether	16.399	248	702	0.402	ng		93
22) Hexachlorobenzene	16.523	284	941	0.395	ng		98
23) Atrazine	16.672	200	459	0.391	ng	#	90
24) Pentachlorophenol	16.858	266	346	0.410	ng		97
25) Phenanthrene	17.243	178	2887	0.388	ng		99
26) Anthracene	17.330	178	2567	0.379	ng		98
28) Fluoranthene	19.267	202	3336	0.385	ng		99
30) Pyrene	19.624	202	3420	0.399	ng		100
32) Benzo(a)anthracene	21.366	228	2897	0.389	ng		98
33) Chrysene	21.420	228	3064	0.394	ng		99
34) Bis(2-ethylhexyl)phtha...	21.322	149	1275	0.421	ng		98
36) Indeno(1,2,3-cd)pyrene	26.045	276	3430	0.374	ng		99
37) Benzo(b)fluoranthene	22.993	252	3156	0.395	ng		98
38) Benzo(k)fluoranthene	23.040	252	3025	0.382	ng		99
39) Benzo(a)pyrene	23.589	252	2610	0.377	ng		99
40) Dibenzo(a,h)anthracene	26.063	278	2689	0.368	ng		98
41) Benzo(g,h,i)perylene	26.765	276	3048	0.373	ng		98

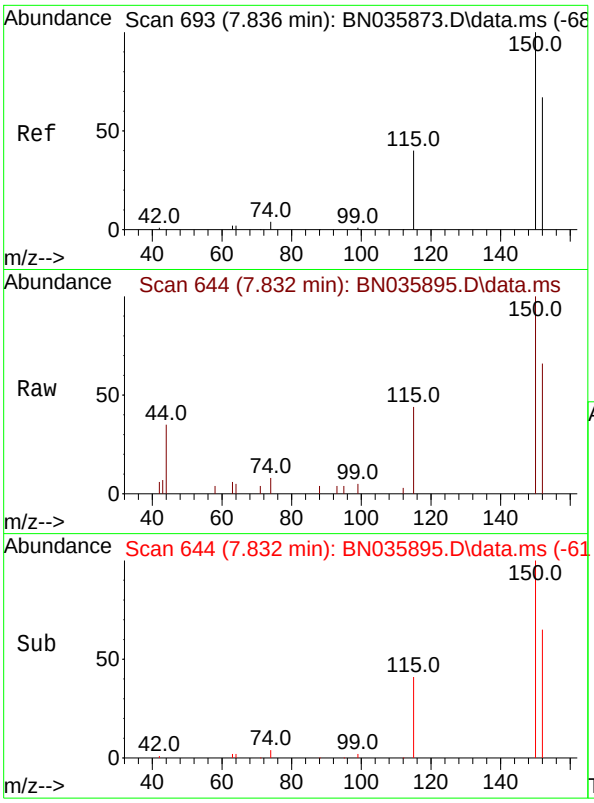
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010625\
Data File : BN035895.D
Acq On : 06 Jan 2025 13:43
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jan 06 14:33:20 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



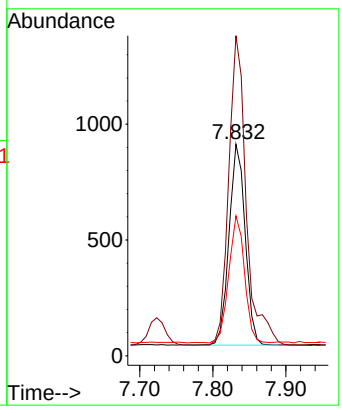


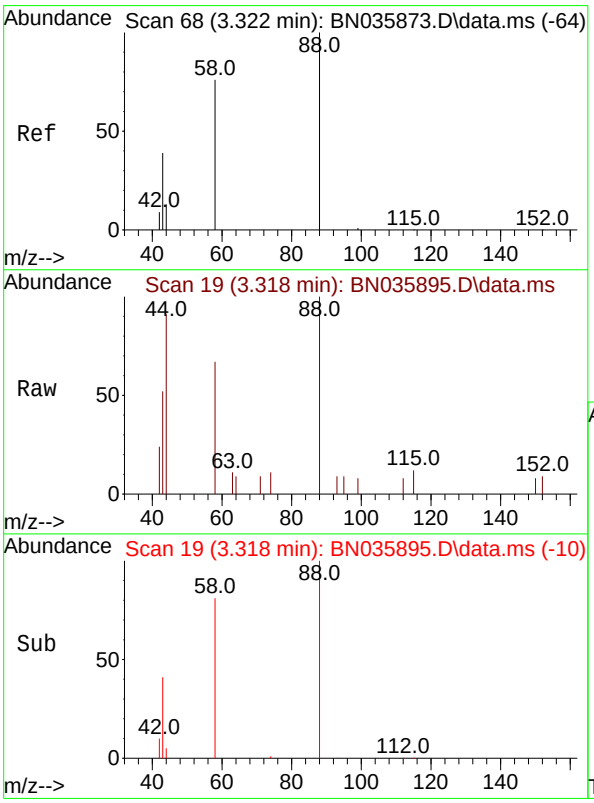
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.832 min Scan# 64
Delta R.T. -0.004 min
Lab File: BN035895.D
Acq: 06 Jan 2025 13:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 1334

Ion	Ratio	Lower	Upper
152	100		
150	151.4	117.8	176.6
115	66.2	51.0	76.4

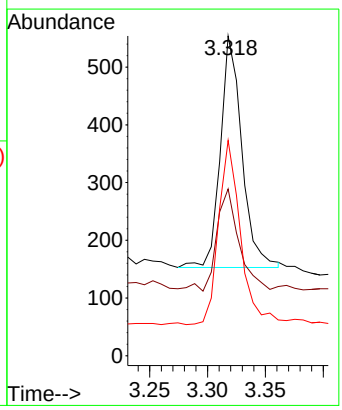


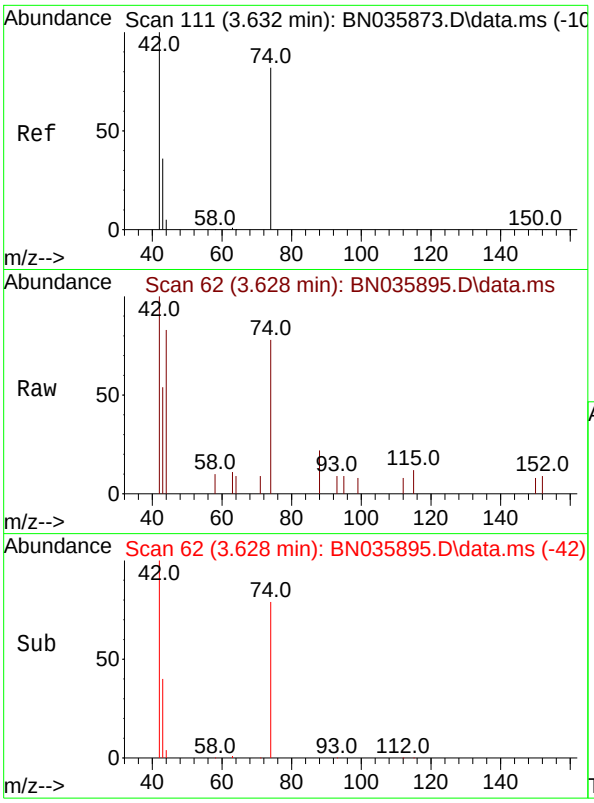


#2
1,4-Dioxane
Concen: 0.391 ng
RT: 3.318 min Scan# 19
Delta R.T. -0.004 min
Lab File: BN035895.D
Acq: 06 Jan 2025 13:43

Tgt Ion: 88 Resp: 518

Ion	Ratio	Lower	Upper
88	100		
43	44.0	32.7	49.1
58	80.9	63.0	94.4



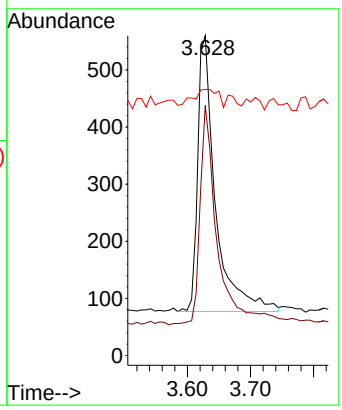


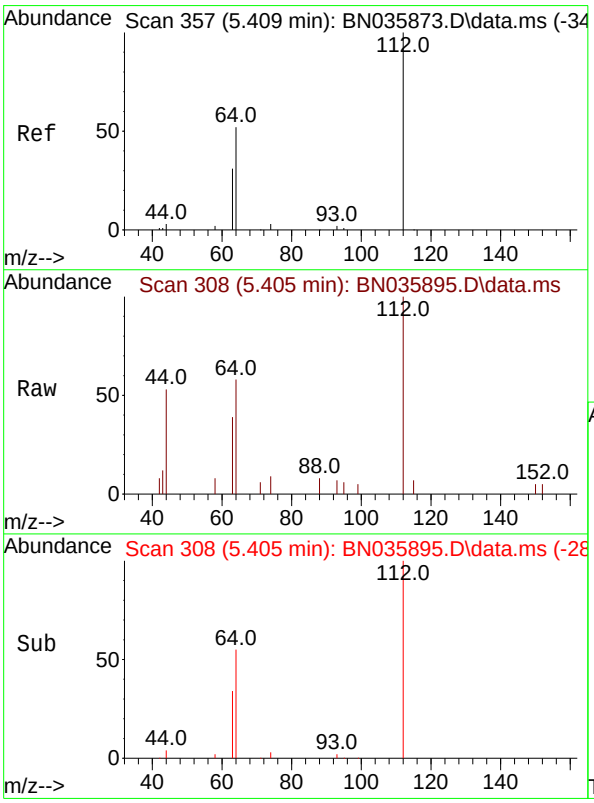
#3
n-Nitrosodimethylamine
Concen: 0.408 ng
RT: 3.628 min Scan# 6
Delta R.T. -0.004 min
Lab File: BN035895.D
Acq: 06 Jan 2025 13:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 944

Ion	Ratio	Lower	Upper
42	100		
74	77.5	62.2	93.2
44	9.3	7.1	10.7

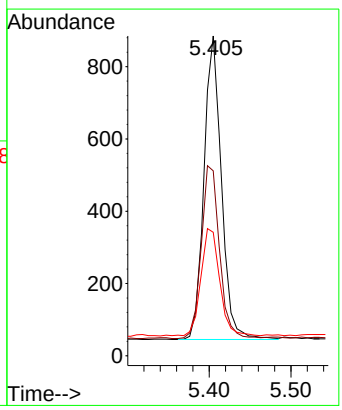


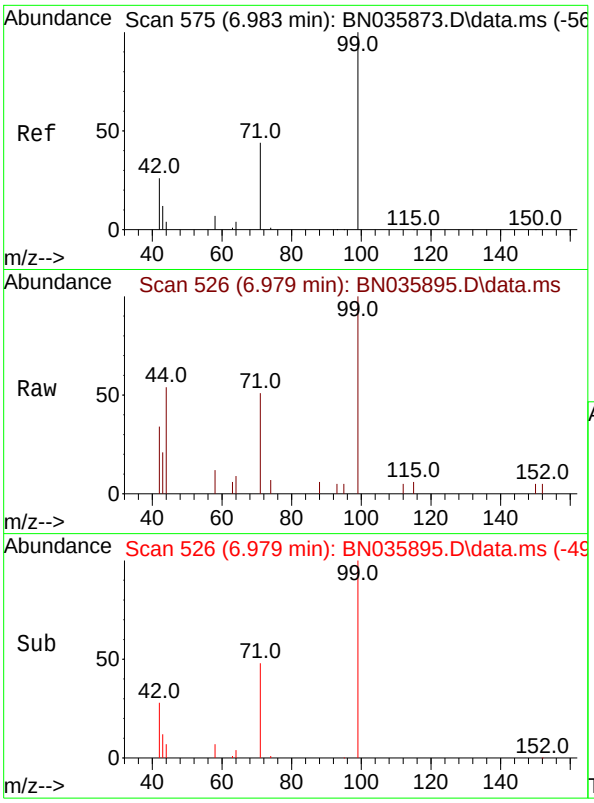


#4
2-Fluorophenol
Concen: 0.383 ng
RT: 5.405 min Scan# 308
Delta R.T. -0.004 min
Lab File: BN035895.D
Acq: 06 Jan 2025 13:43

Tgt Ion:112 Resp: 1252

Ion	Ratio	Lower	Upper
112	100		
64	59.3	48.2	72.2
63	38.1	30.0	45.0



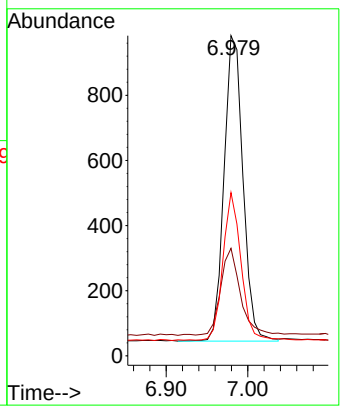


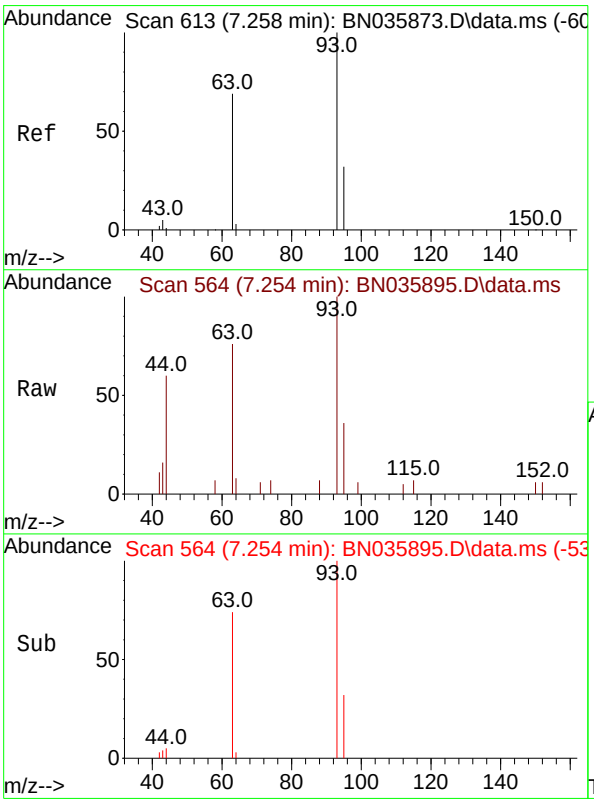
#5
Phenol-d6
Concen: 0.371 ng
RT: 6.979 min Scan# 5
Delta R.T. -0.004 min
Lab File: BN035895.D
Acq: 06 Jan 2025 13:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 1507

Ion	Ratio	Lower	Upper
99	100		
42	29.9	23.5	35.3
71	46.7	35.5	53.3

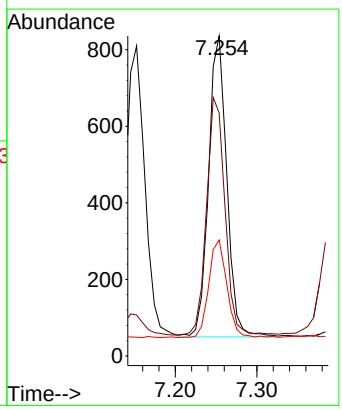


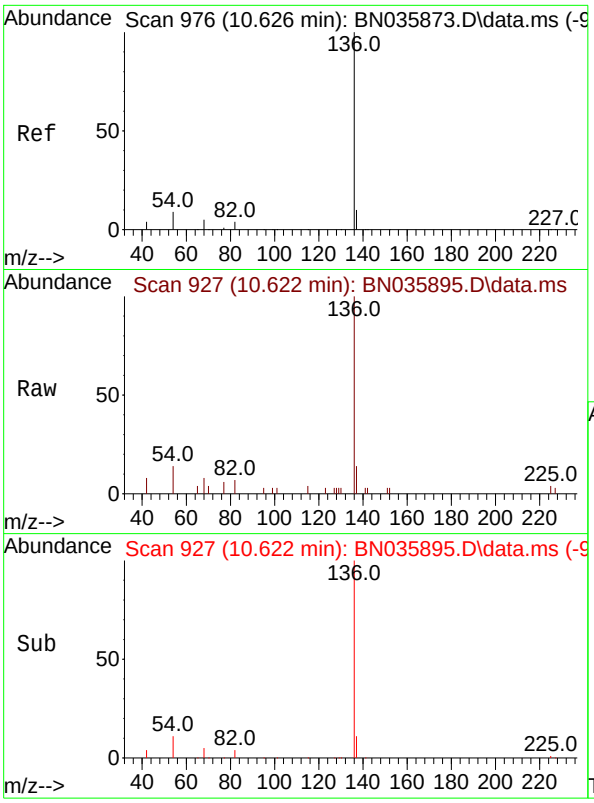


#6
bis(2-Chloroethyl)ether
Concen: 0.393 ng
RT: 7.254 min Scan# 564
Delta R.T. -0.004 min
Lab File: BN035895.D
Acq: 06 Jan 2025 13:43

Tgt Ion: 93 Resp: 1218

Ion	Ratio	Lower	Upper
93	100		
63	79.6	62.0	93.0
95	32.6	25.5	38.3



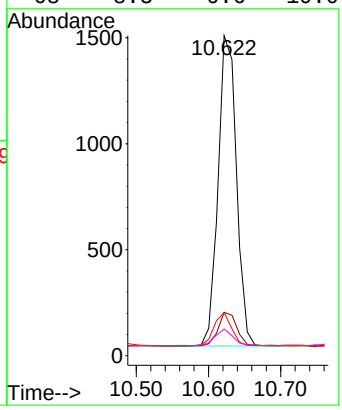


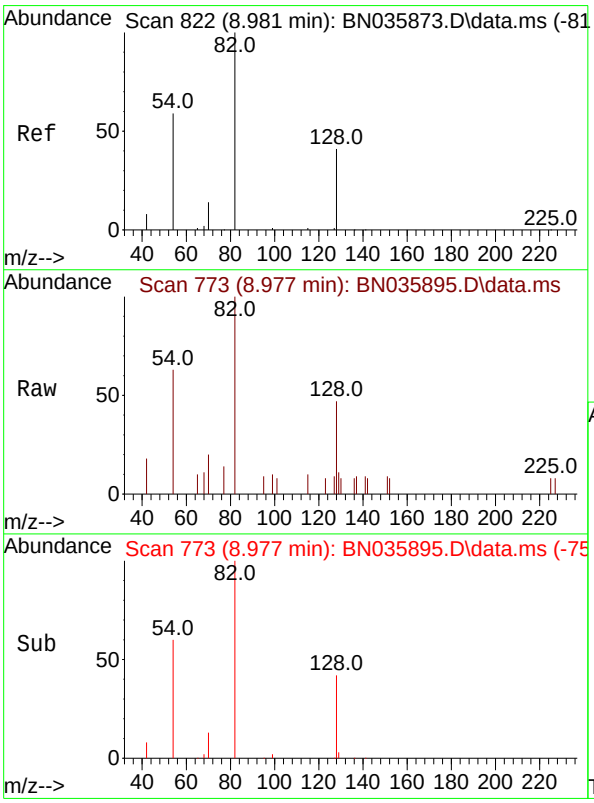
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.622 min Scan# 9
Delta R.T. -0.004 min
Lab File: BN035895.D
Acq: 06 Jan 2025 13:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 2578

Ion	Ratio	Lower	Upper
136	100		
137	13.6	10.6	15.8
54	13.5	9.8	14.6
68	8.3	6.6	10.0

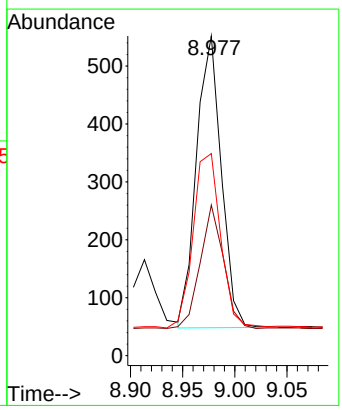


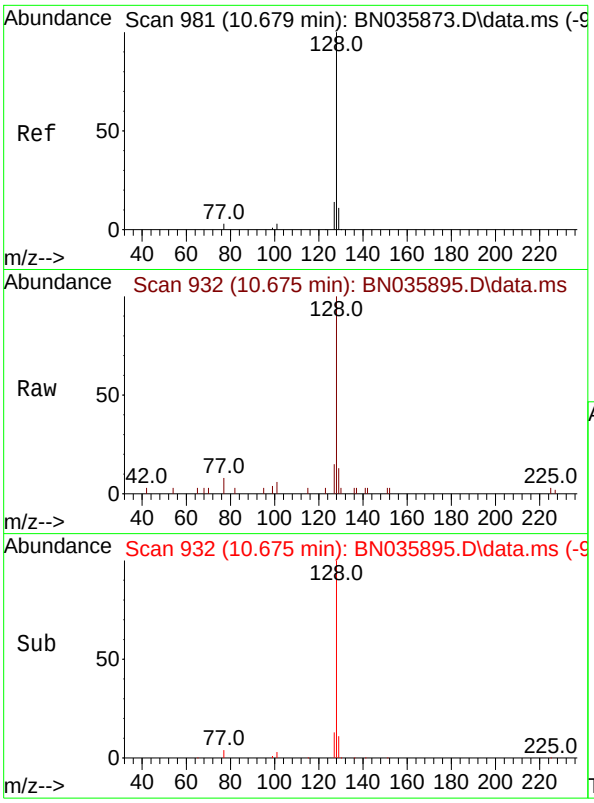


#8
Nitrobenzene-d5
Concen: 0.409 ng
RT: 8.977 min Scan# 773
Delta R.T. -0.004 min
Lab File: BN035895.D
Acq: 06 Jan 2025 13:43

Tgt Ion: 82 Resp: 834

Ion	Ratio	Lower	Upper
82	100		
128	47.1	36.9	55.3
54	63.2	50.4	75.6



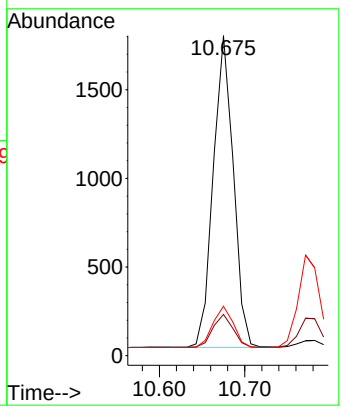


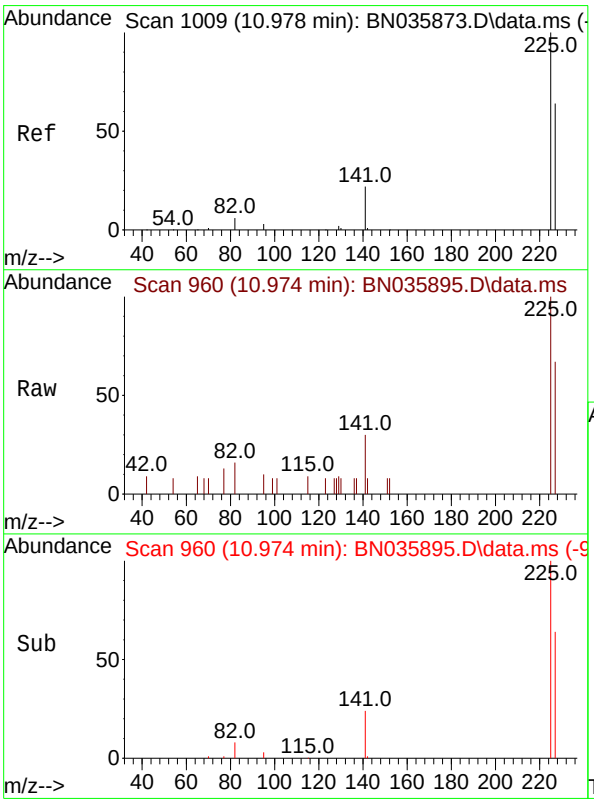
#9
Naphthalene
Concen: 0.398 ng
RT: 10.675 min Scan# 9
Delta R.T. -0.004 min
Lab File: BN035895.D
Acq: 06 Jan 2025 13:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 2879

Ion	Ratio	Lower	Upper
128	100		
129	12.9	10.6	16.0
127	15.5	12.8	19.2

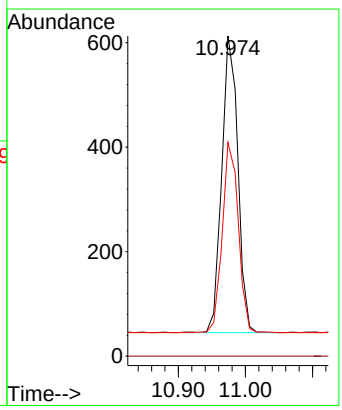


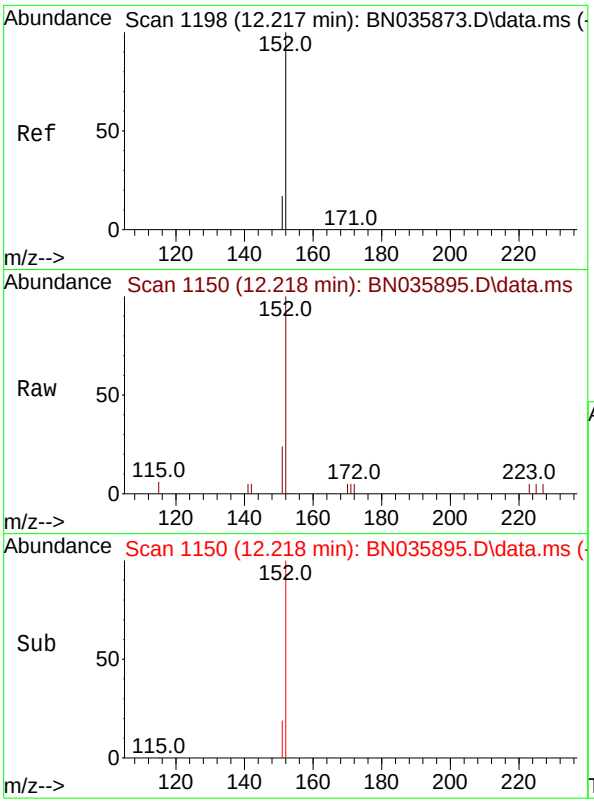


#10
Hexachlorobutadiene
Concen: 0.403 ng
RT: 10.974 min Scan# 960
Delta R.T. -0.004 min
Lab File: BN035895.D
Acq: 06 Jan 2025 13:43

Tgt Ion:225 Resp: 947

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	51.5	77.3



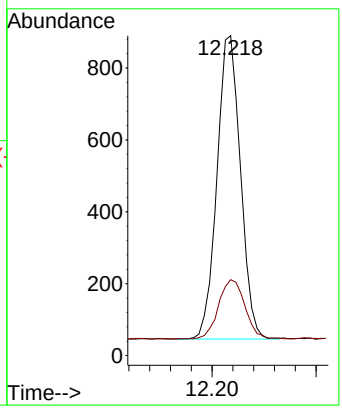


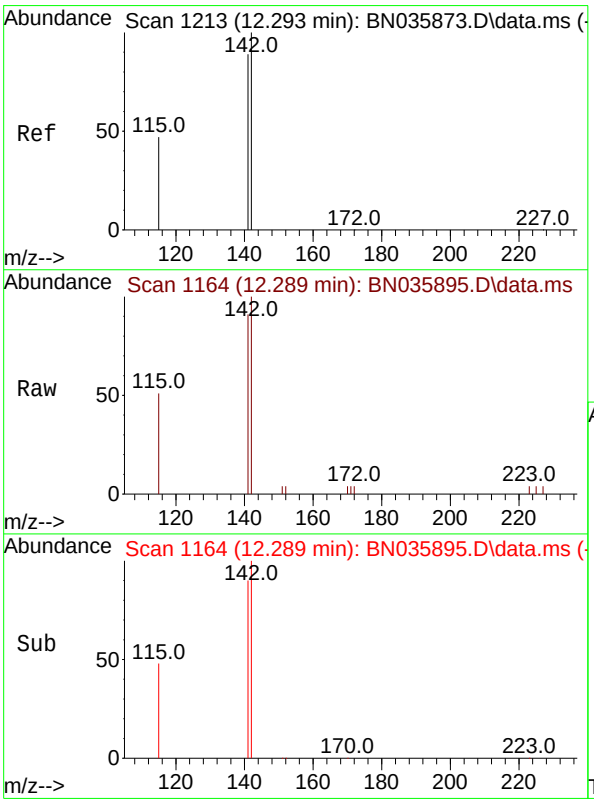
#11
2-Methylnaphthalene-d10
Concen: 0.383 ng
RT: 12.218 min Scan# 11
Delta R.T. 0.001 min
Lab File: BN035895.D
Acq: 06 Jan 2025 13:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 1321

Ion	Ratio	Lower	Upper
152	100		
151	22.3	17.0	25.6

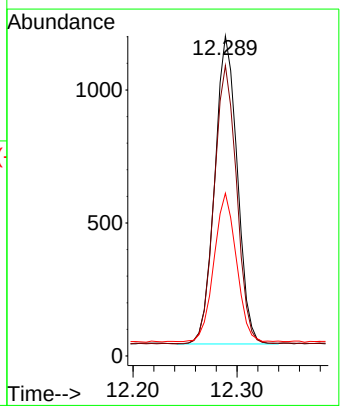


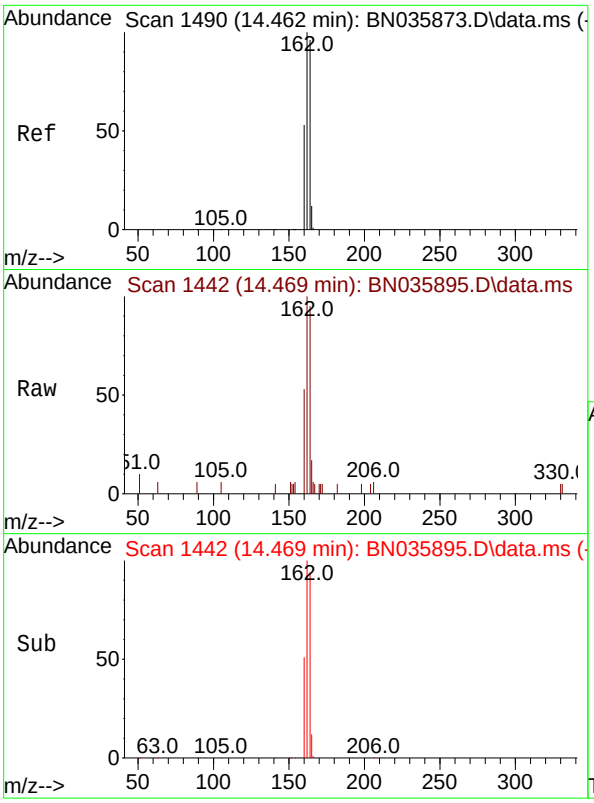


#12
2-Methylnaphthalene
Concen: 0.389 ng
RT: 12.289 min Scan# 1164
Delta R.T. -0.004 min
Lab File: BN035895.D
Acq: 06 Jan 2025 13:43

Tgt Ion:142 Resp: 1744

Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.9	107.9
115	50.9	39.6	59.4



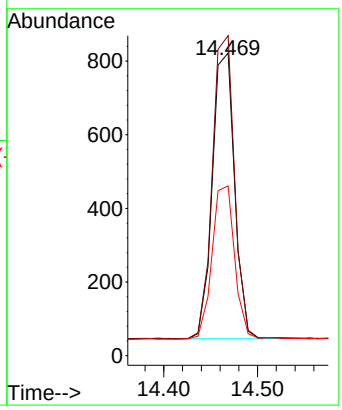


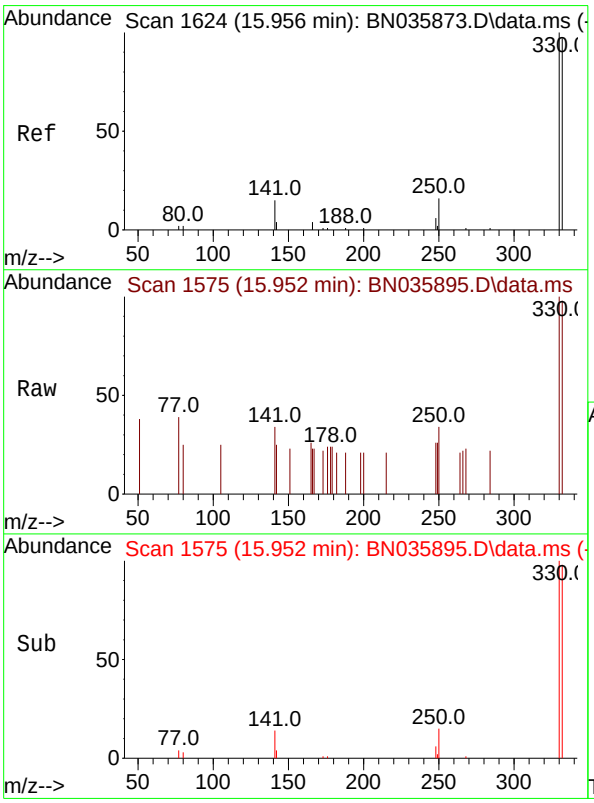
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.469 min Scan# 14
Delta R.T. 0.007 min
Lab File: BN035895.D
Acq: 06 Jan 2025 13:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 1280

Ion	Ratio	Lower	Upper
164	100		
162	105.7	83.1	124.7
160	56.1	46.0	69.0

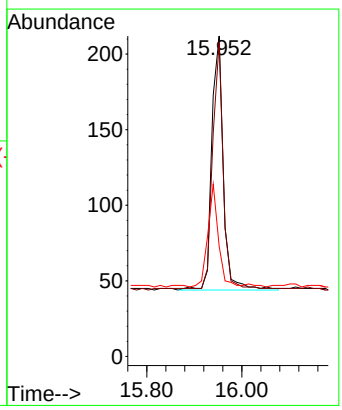


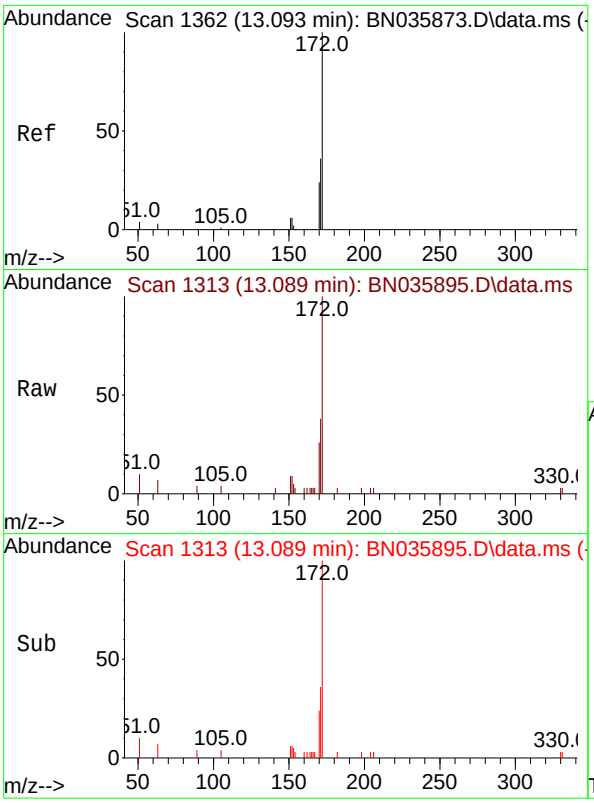


#14
2,4,6-Tribromophenol
Concen: 0.462 ng
RT: 15.952 min Scan# 1575
Delta R.T. -0.004 min
Lab File: BN035895.D
Acq: 06 Jan 2025 13:43

Tgt Ion:330 Resp: 284

Ion	Ratio	Lower	Upper
330	100		
332	86.6	77.2	115.8
141	37.3	31.6	47.4



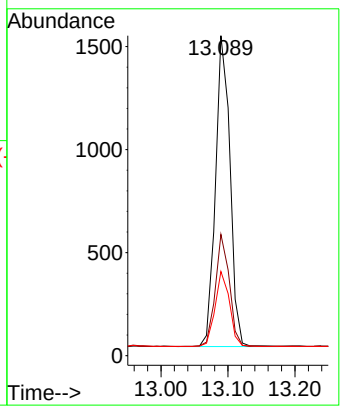


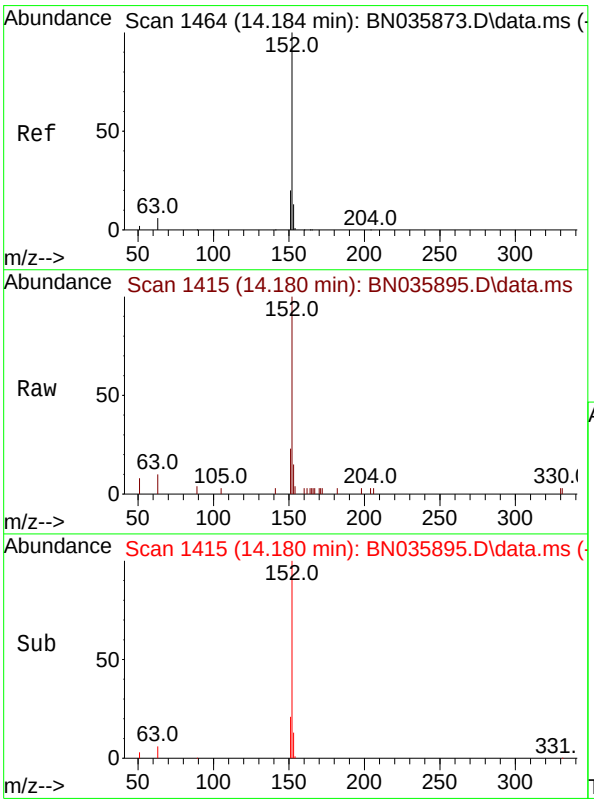
#15
2-Fluorobiphenyl
Concen: 0.405 ng
RT: 13.089 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN035895.D
Acq: 06 Jan 2025 13:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 2272

Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.5	45.7
170	26.3	20.8	31.2

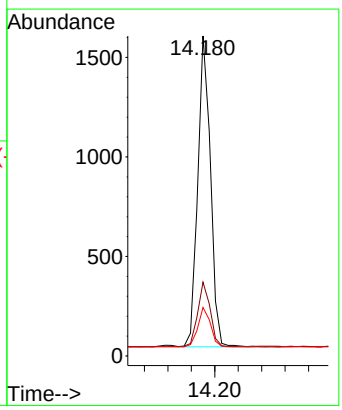


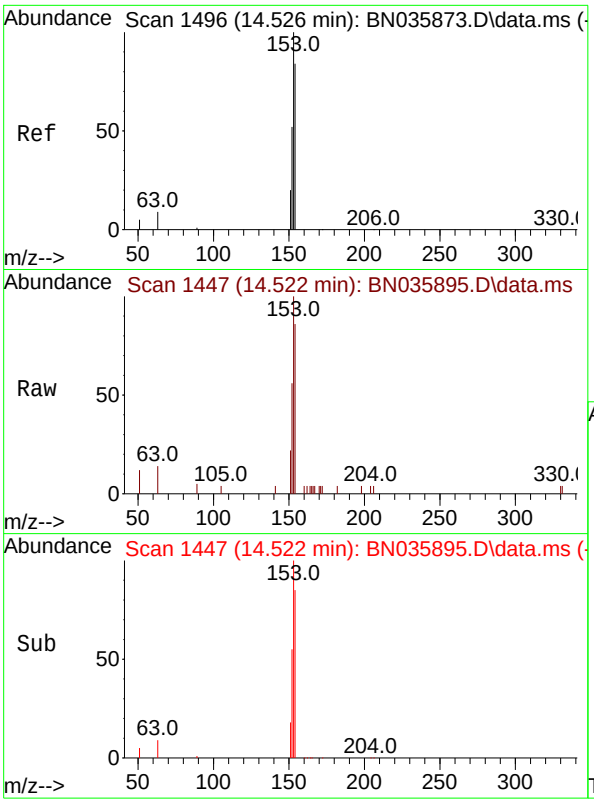


#16
Acenaphthylene
Concen: 0.391 ng
RT: 14.180 min Scan# 1415
Delta R.T. -0.004 min
Lab File: BN035895.D
Acq: 06 Jan 2025 13:43

Tgt Ion:152 Resp: 2359

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	12.6	10.6	15.8



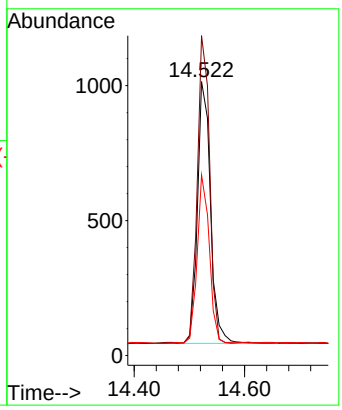


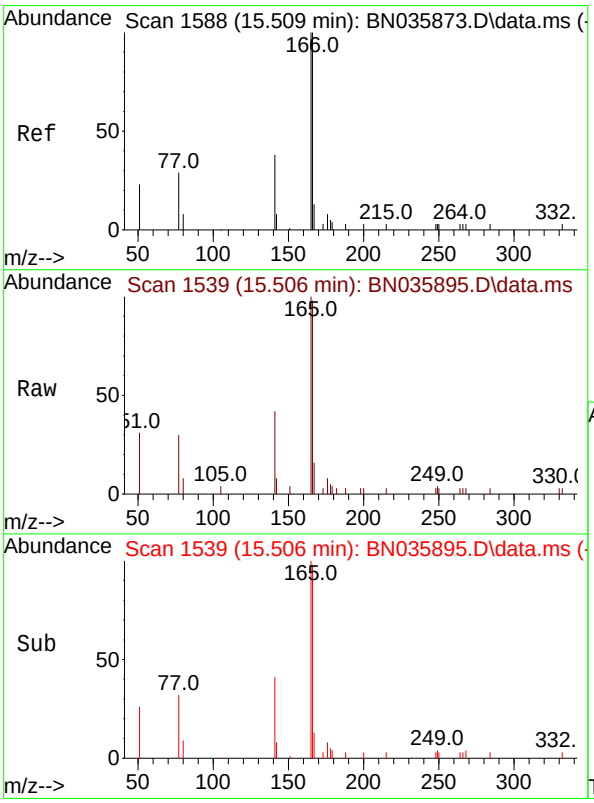
#17
Acenaphthene
Concen: 0.405 ng
RT: 14.522 min Scan# 14
Delta R.T. -0.004 min
Lab File: BN035895.D
Acq: 06 Jan 2025 13:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 1600

Ion	Ratio	Lower	Upper
154	100		
153	110.6	90.5	135.7
152	60.0	48.6	73.0

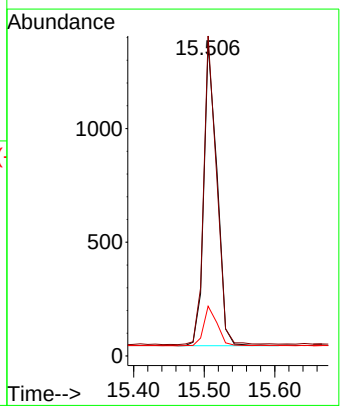


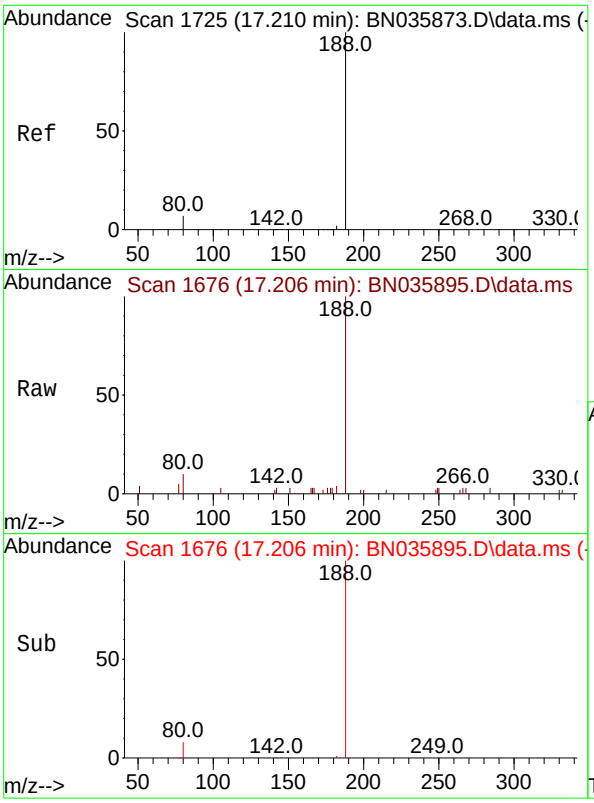


#18
Fluorene
Concen: 0.399 ng
RT: 15.506 min Scan# 1539
Delta R.T. -0.004 min
Lab File: BN035895.D
Acq: 06 Jan 2025 13:43

Tgt Ion:166 Resp: 1737

Ion	Ratio	Lower	Upper
166	100		
165	98.8	80.6	120.8
167	13.8	11.4	17.0



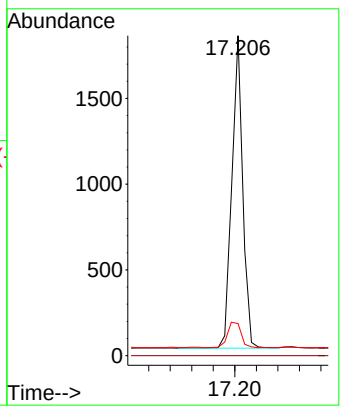


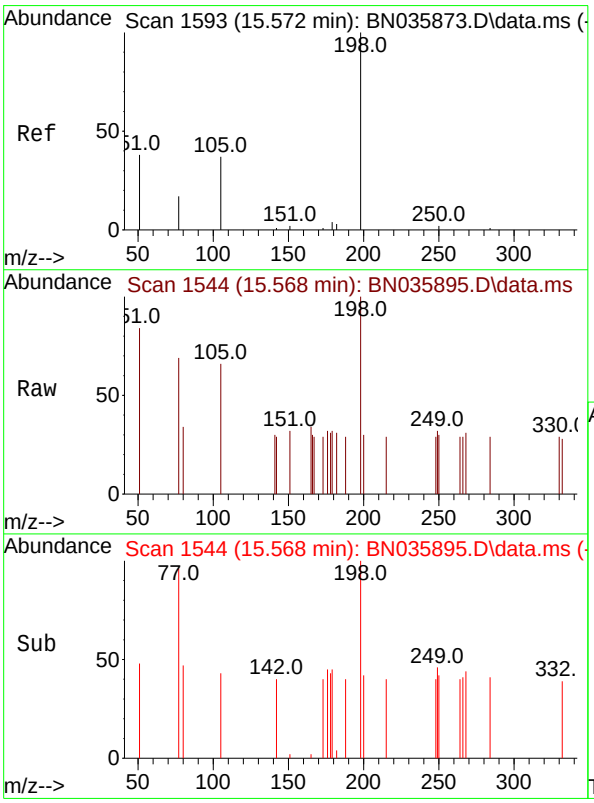
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.206 min Scan# 1(
Delta R.T. -0.004 min
Lab File: BN035895.D
Acq: 06 Jan 2025 13:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 2550

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.1	7.3	10.9

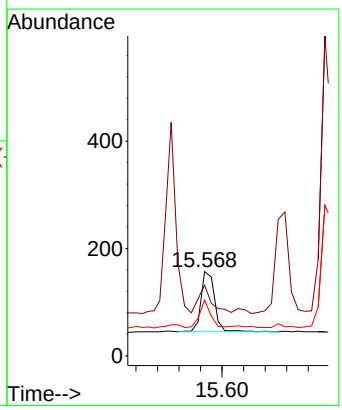


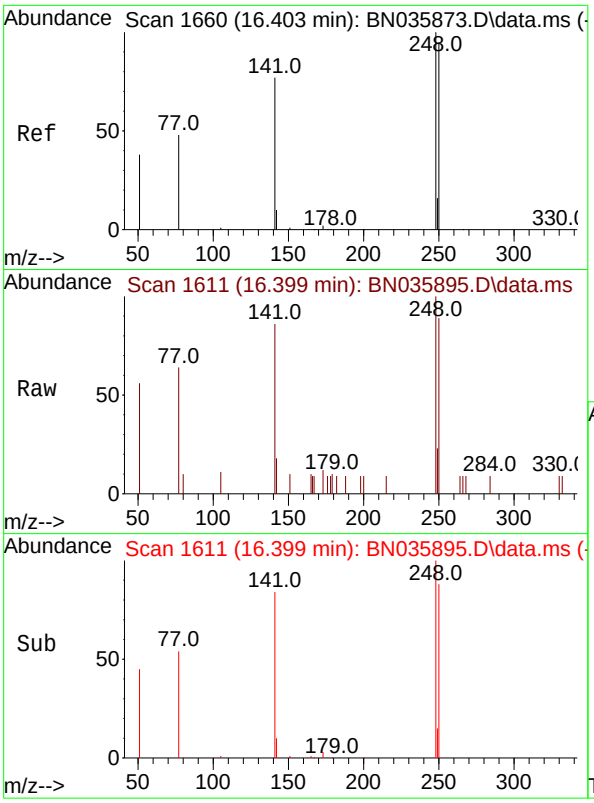


#20
4,6-Dinitro-2-methylphenol
Concen: 0.443 ng
RT: 15.568 min Scan# 1544
Delta R.T. -0.004 min
Lab File: BN035895.D
Acq: 06 Jan 2025 13:43

Tgt Ion:198 Resp: 196

Ion	Ratio	Lower	Upper
198	100		
51	84.1	64.3	96.5
105	66.2	50.0	75.0



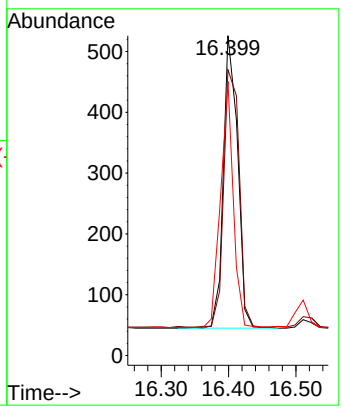


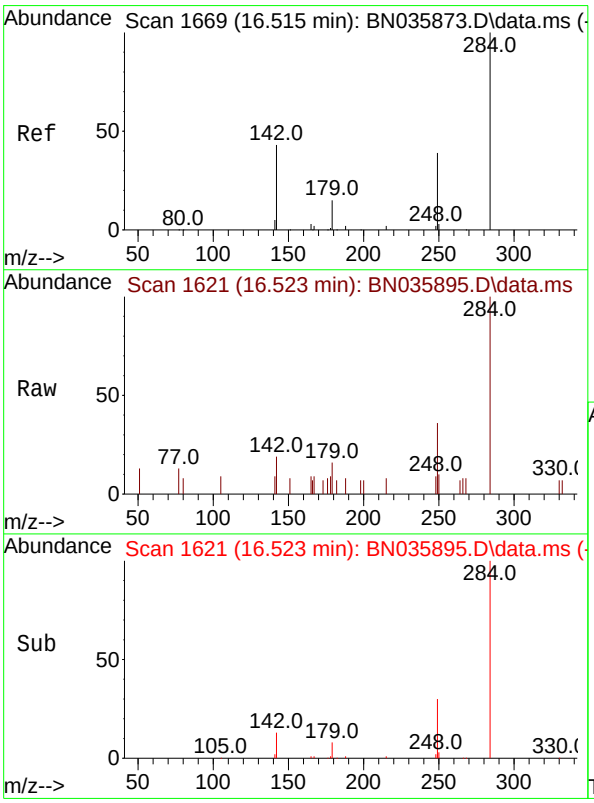
#21
4-Bromophenyl-phenylether
Concen: 0.402 ng
RT: 16.399 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN035895.D
Acq: 06 Jan 2025 13:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:248 Resp: 702

Ion	Ratio	Lower	Upper
248	100		
250	89.4	76.8	115.2
141	85.7	63.6	95.4

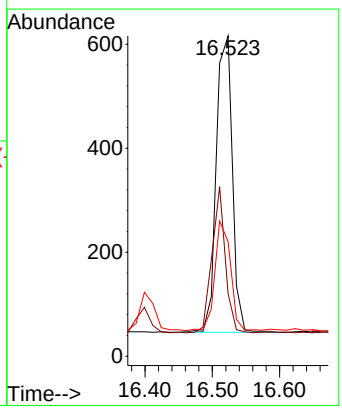


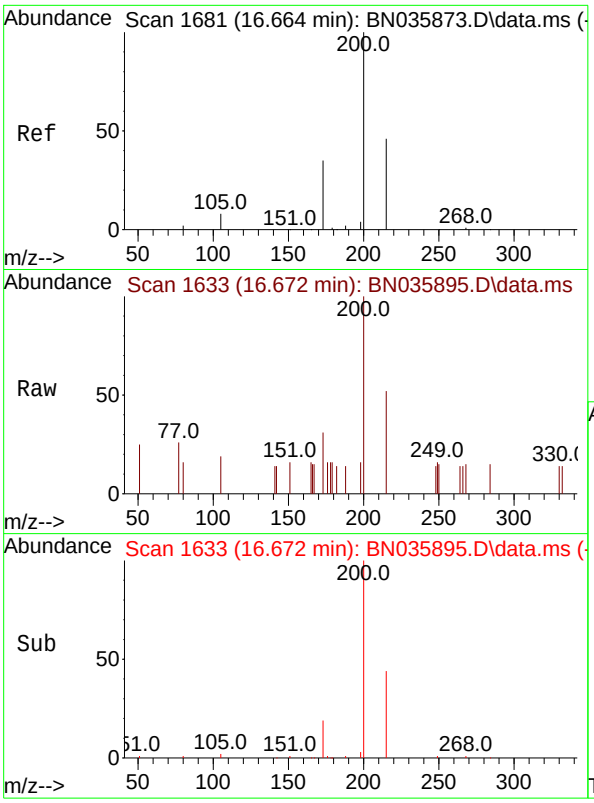


#22
Hexachlorobenzene
Concen: 0.395 ng
RT: 16.523 min Scan# 1621
Delta R.T. 0.008 min
Lab File: BN035895.D
Acq: 06 Jan 2025 13:43

Tgt Ion:284 Resp: 941

Ion	Ratio	Lower	Upper
284	100		
142	40.8	31.4	47.0
249	36.0	27.8	41.8



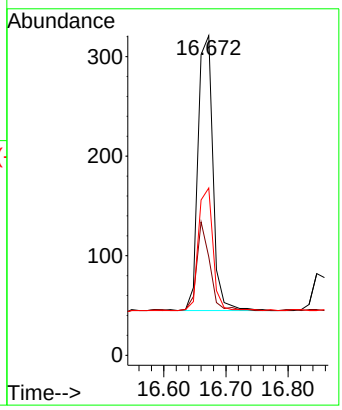


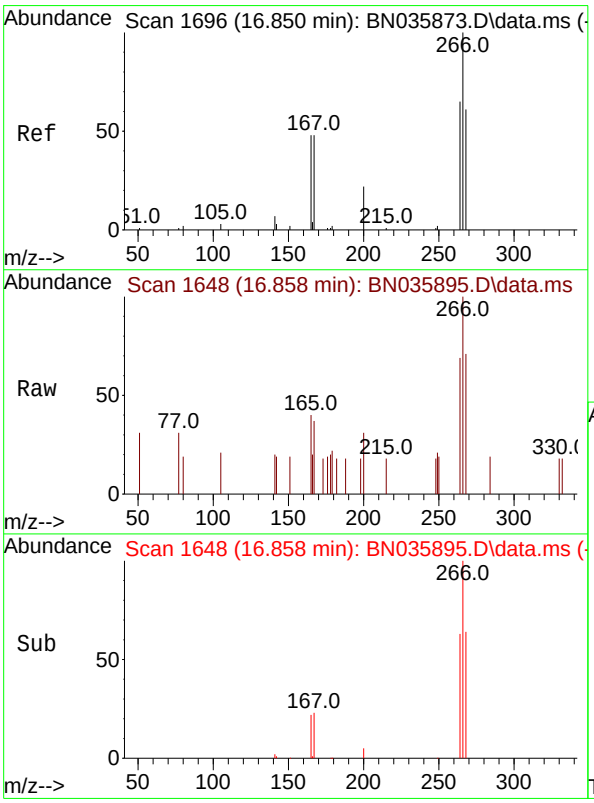
#23
Atrazine
Concen: 0.391 ng
RT: 16.672 min Scan# 1(
Delta R.T. 0.008 min
Lab File: BN035895.D
Acq: 06 Jan 2025 13:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:200 Resp: 459

Ion	Ratio	Lower	Upper
200	100		
173	30.8	35.4	53.0#
215	52.3	42.4	63.6

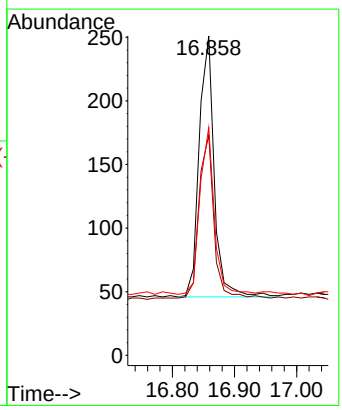


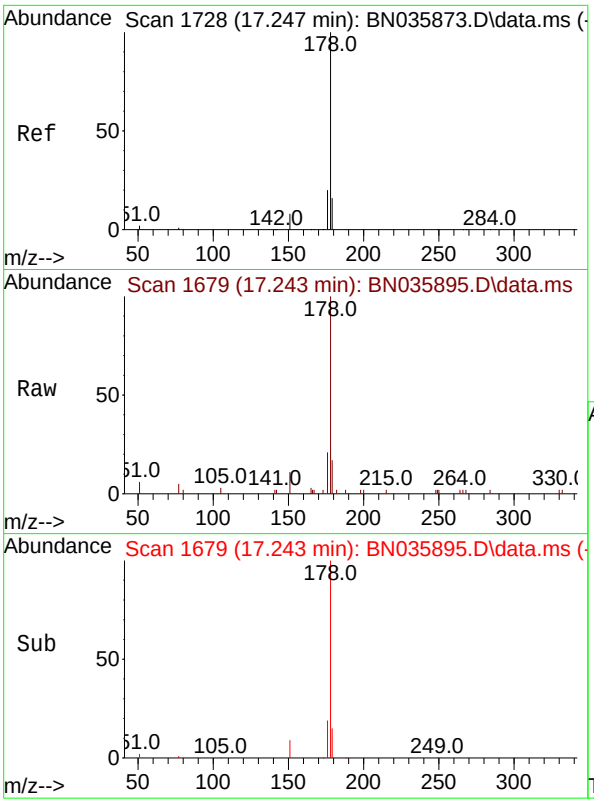


#24
Pentachlorophenol
Concen: 0.410 ng
RT: 16.858 min Scan# 1648
Delta R.T. 0.008 min
Lab File: BN035895.D
Acq: 06 Jan 2025 13:43

Tgt Ion:266 Resp: 346

Ion	Ratio	Lower	Upper
266	100		
264	64.7	49.9	74.9
268	61.0	50.2	75.2



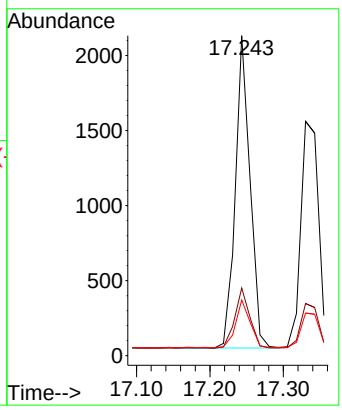


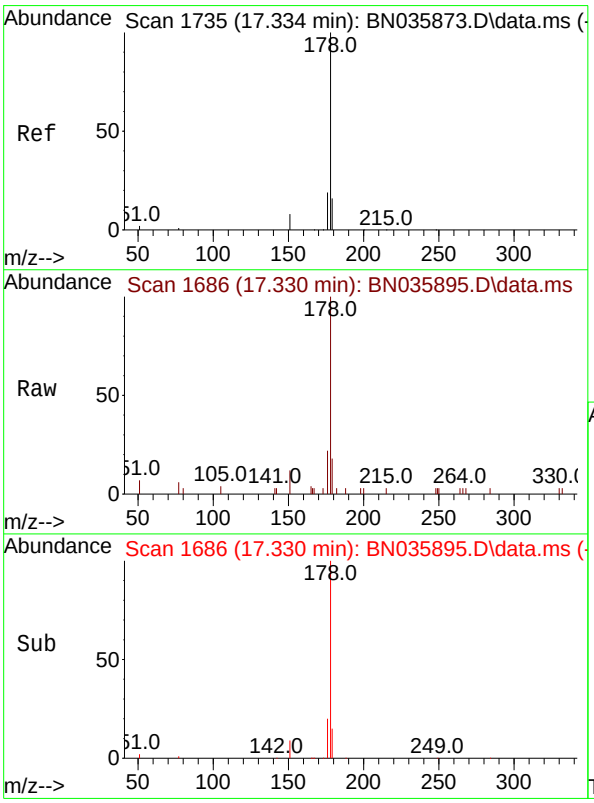
#25
Phenanthrene
Concen: 0.388 ng
RT: 17.243 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN035895.D
Acq: 06 Jan 2025 13:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 2887

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.9	23.9
179	15.0	12.9	19.3

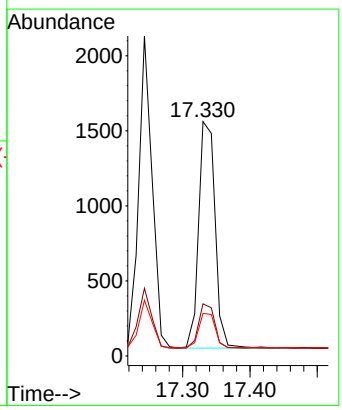


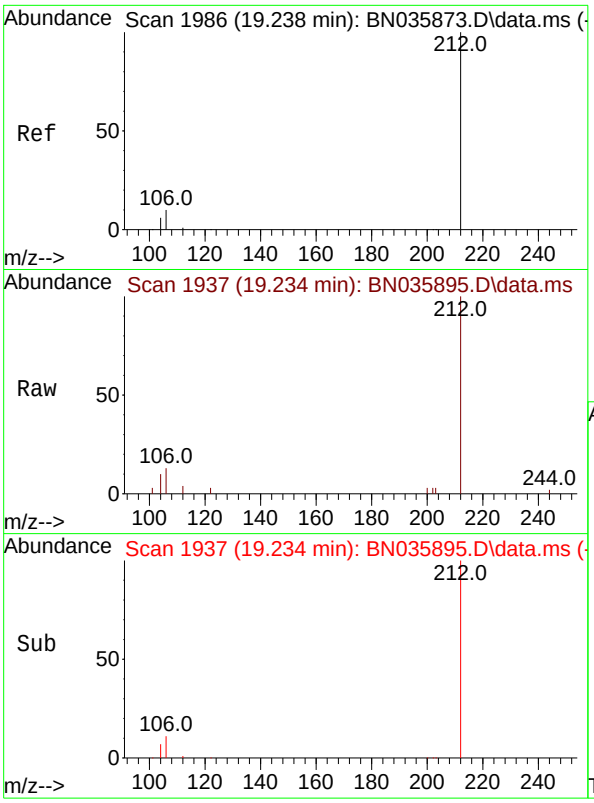


#26
Anthracene
Concen: 0.379 ng
RT: 17.330 min Scan# 1686
Delta R.T. -0.004 min
Lab File: BN035895.D
Acq: 06 Jan 2025 13:43

Tgt Ion:178 Resp: 2567

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.0	22.6
179	15.1	13.0	19.6



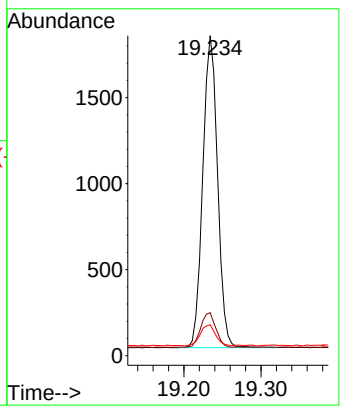


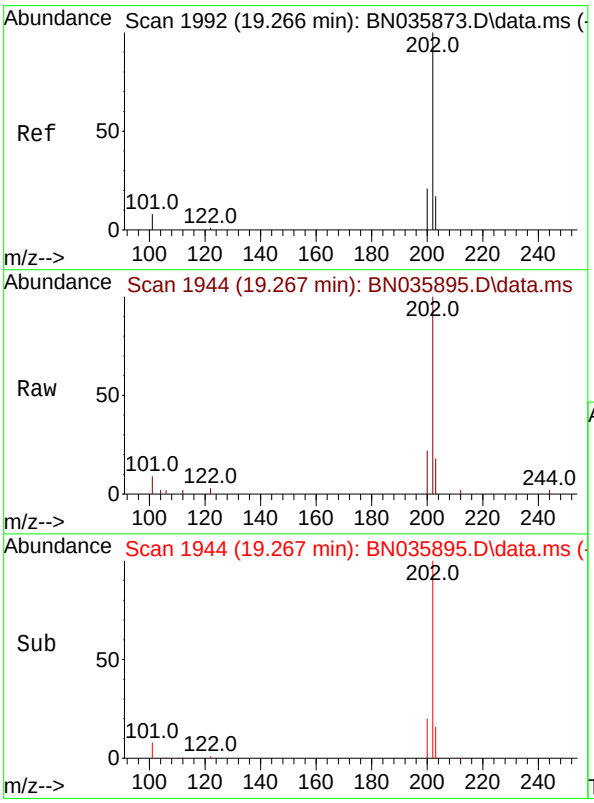
#27
Fluoranthene-d10
Concen: 0.382 ng
RT: 19.234 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN035895.D
Acq: 06 Jan 2025 13:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 2419

Ion	Ratio	Lower	Upper
212	100		
106	11.4	9.0	13.6
104	7.0	5.4	8.2

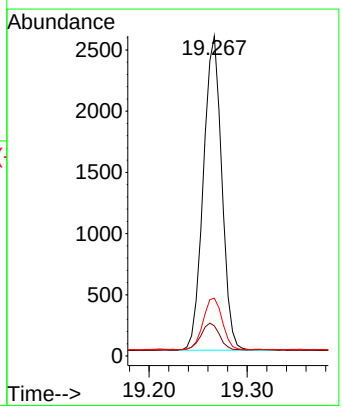


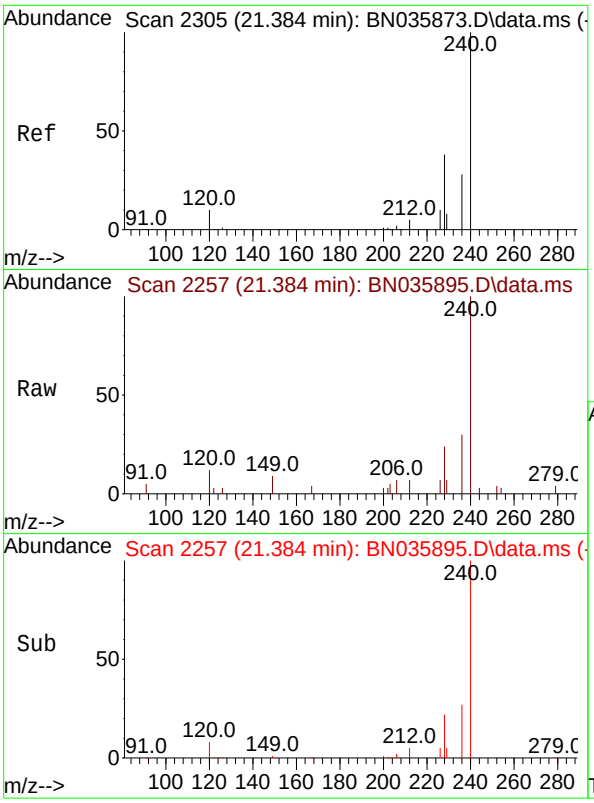


#28
Fluoranthene
Concen: 0.385 ng
RT: 19.267 min Scan# 1944
Delta R.T. 0.001 min
Lab File: BN035895.D
Acq: 06 Jan 2025 13:43

Tgt Ion:202 Resp: 3336

Ion	Ratio	Lower	Upper
202	100		
101	9.1	7.2	10.8
203	17.1	13.9	20.9



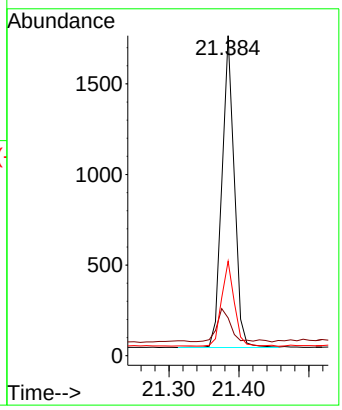


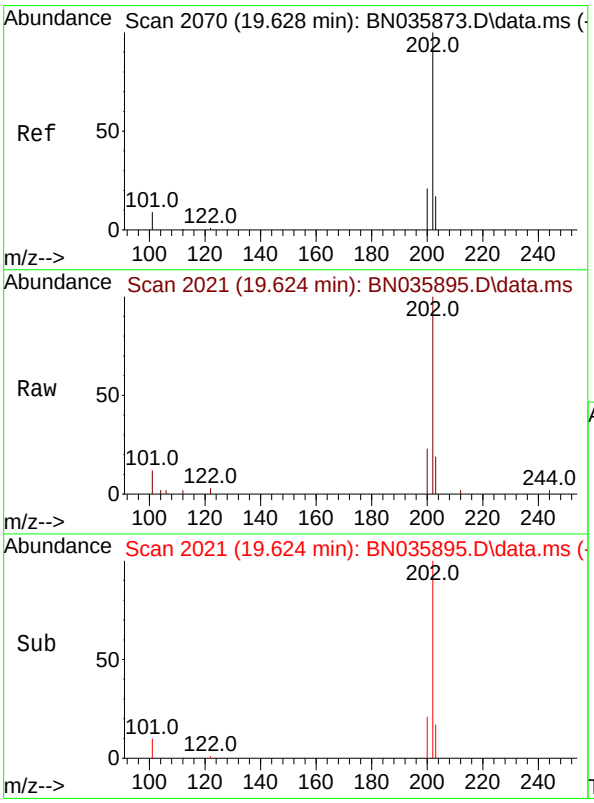
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.384 min Scan# 2
Delta R.T. 0.001 min
Lab File: BN035895.D
Acq: 06 Jan 2025 13:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 2112

Ion	Ratio	Lower	Upper
240	100		
120	11.8	11.1	16.7
236	29.5	24.6	36.8

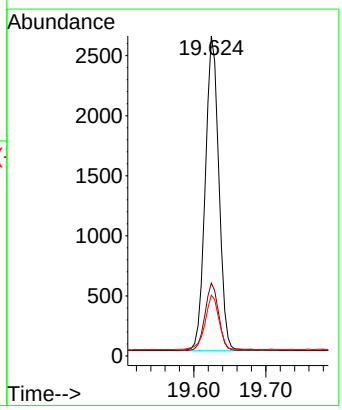


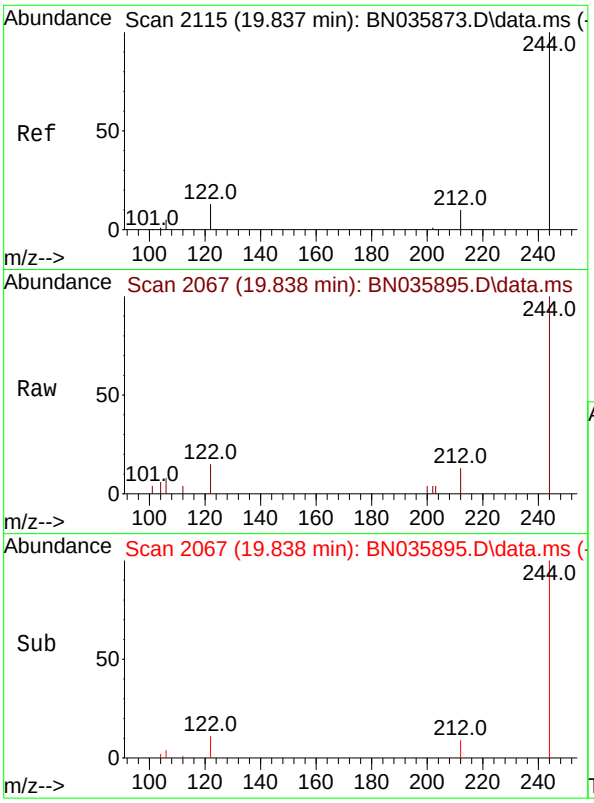


#30
Pyrene
Concen: 0.399 ng
RT: 19.624 min Scan# 2021
Delta R.T. -0.004 min
Lab File: BN035895.D
Acq: 06 Jan 2025 13:43

Tgt Ion:202 Resp: 3420

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.0	25.6
203	17.8	14.6	22.0



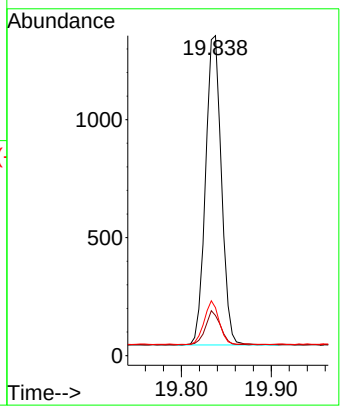


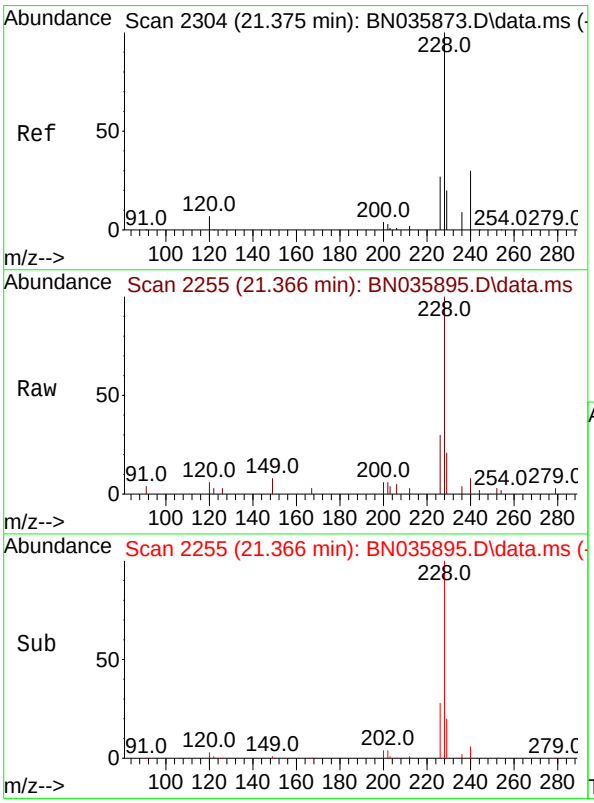
#31
Terphenyl-d14
Concen: 0.382 ng
RT: 19.838 min Scan# 2
Delta R.T. 0.001 min
Lab File: BN035895.D
Acq: 06 Jan 2025 13:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 1607

Ion	Ratio	Lower	Upper
244	100		
212	12.5	10.1	15.1
122	15.0	12.2	18.4

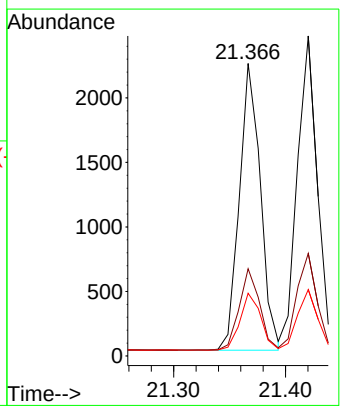


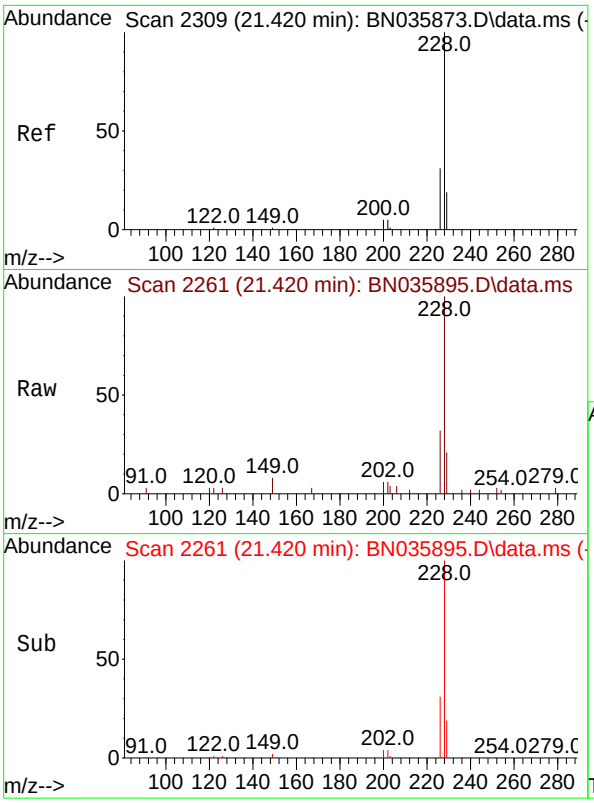


#32
Benzo(a)anthracene
Concen: 0.389 ng
RT: 21.366 min Scan# 2255
Delta R.T. -0.008 min
Lab File: BN035895.D
Acq: 06 Jan 2025 13:43

Tgt Ion:228 Resp: 2897

Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.7	34.1
229	21.4	17.1	25.7



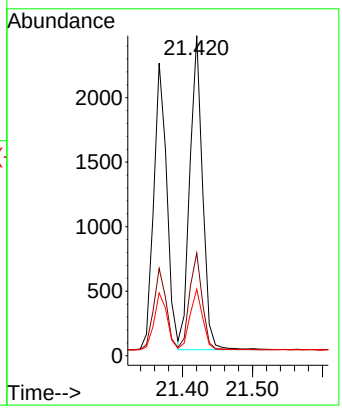


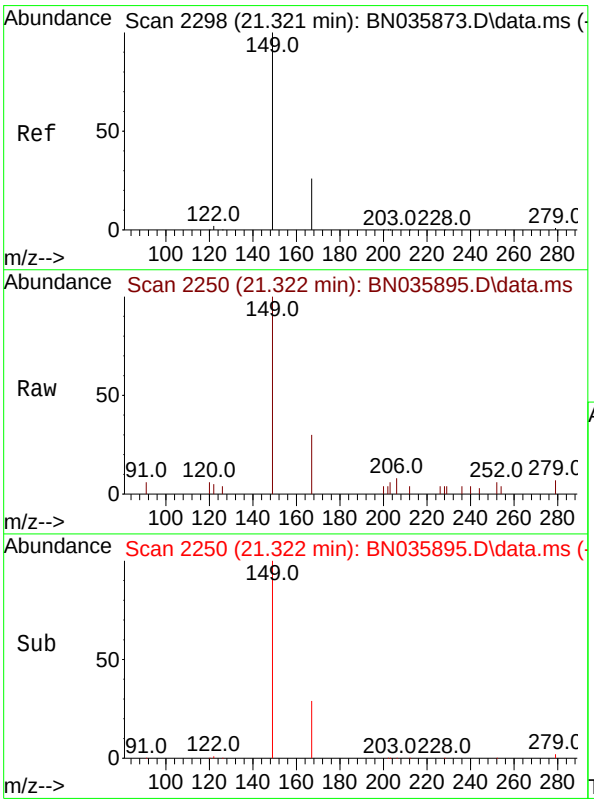
#33
Chrysene
Concen: 0.394 ng
RT: 21.420 min Scan# 2
Delta R.T. 0.001 min
Lab File: BN035895.D
Acq: 06 Jan 2025 13:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 3064

Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.2	37.8
229	20.8	16.0	24.0

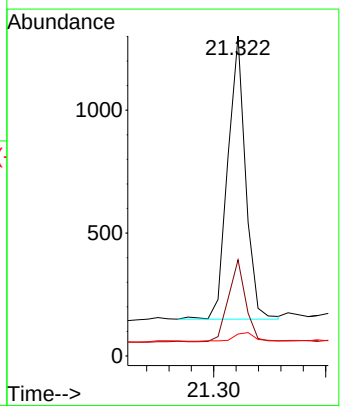


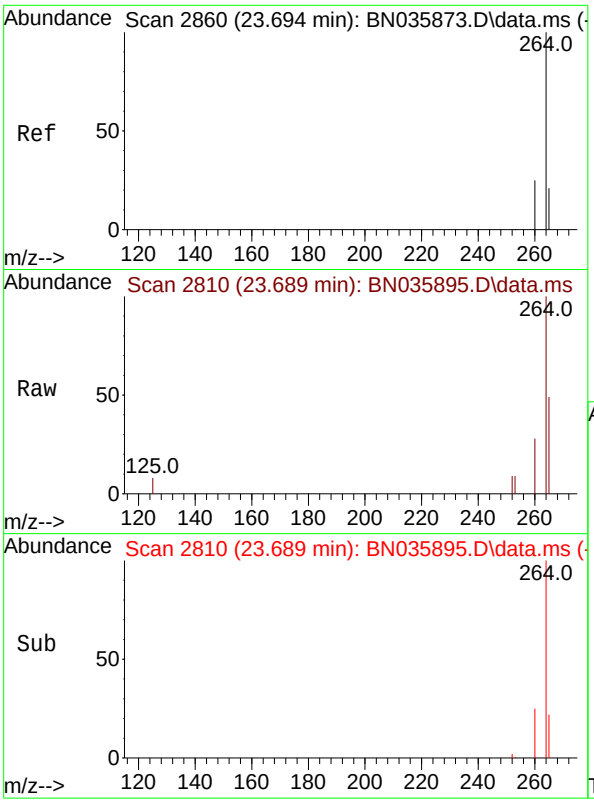


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.421 ng
RT: 21.322 min Scan# 2250
Delta R.T. 0.001 min
Lab File: BN035895.D
Acq: 06 Jan 2025 13:43

Tgt Ion:149 Resp: 1275

Ion	Ratio	Lower	Upper
149	100		
167	28.1	21.4	32.0
279	3.7	3.0	4.6



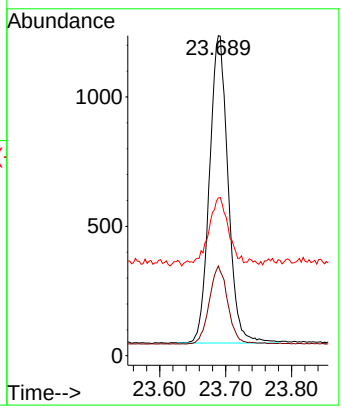


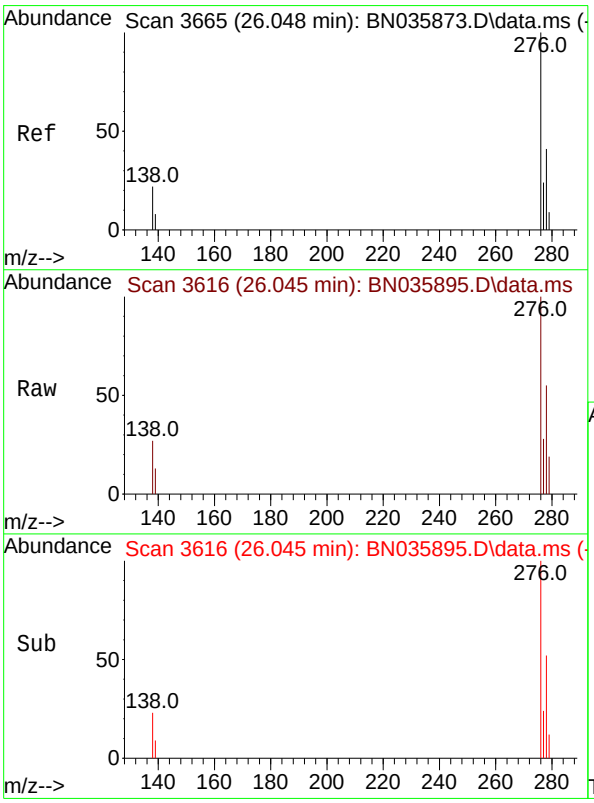
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.689 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN035895.D
Acq: 06 Jan 2025 13:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:264 Resp: 2327

Ion	Ratio	Lower	Upper
264	100		
260	28.1	21.7	32.5
265	49.3	33.9	50.9

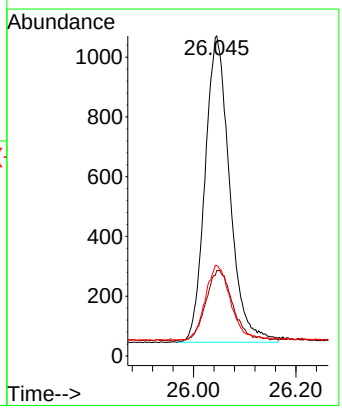


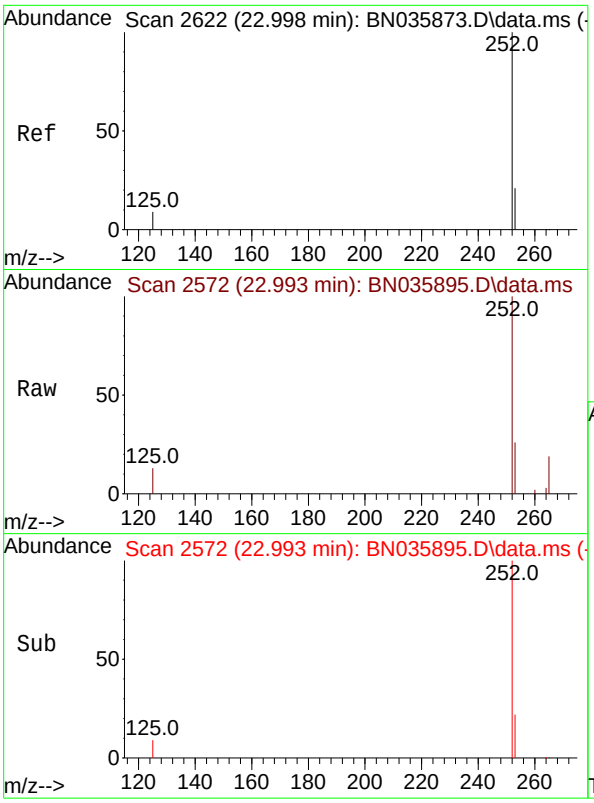


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.374 ng
RT: 26.045 min Scan# 3616
Delta R.T. -0.002 min
Lab File: BN035895.D
Acq: 06 Jan 2025 13:43

Tgt Ion:276 Resp: 3430

Ion	Ratio	Lower	Upper
276	100		
138	25.0	18.9	28.3
277	24.4	19.5	29.3



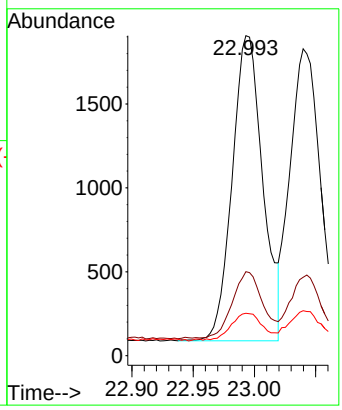


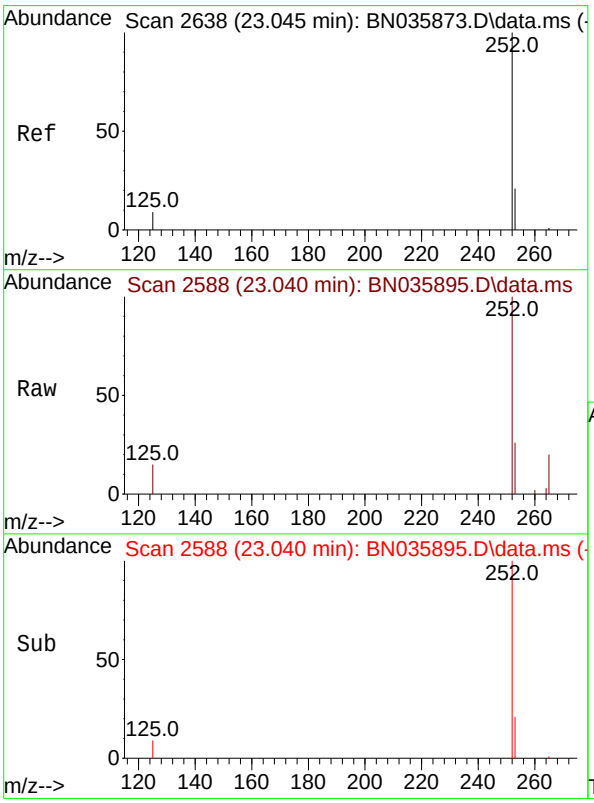
#37
Benzo(b)fluoranthene
Concen: 0.395 ng
RT: 22.993 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN035895.D
Acq: 06 Jan 2025 13:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 3156

Ion	Ratio	Lower	Upper
252	100		
253	26.3	20.1	30.1
125	13.3	9.9	14.9

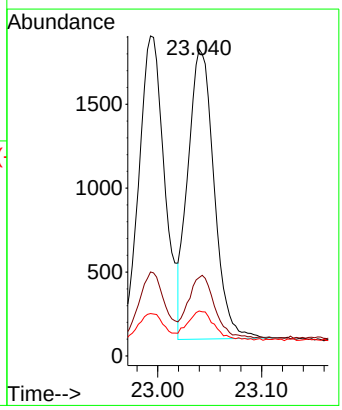


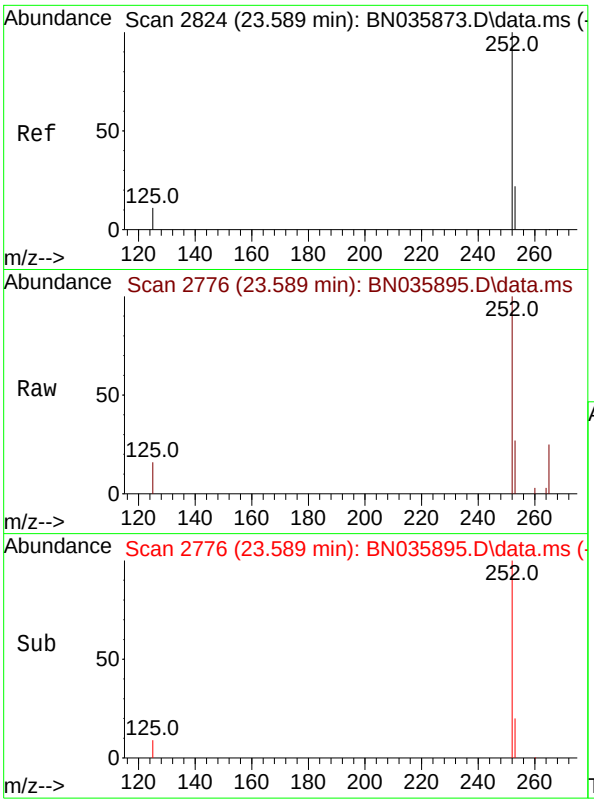


#38
Benzo(k)fluoranthene
Concen: 0.382 ng
RT: 23.040 min Scan# 2588
Delta R.T. -0.005 min
Lab File: BN035895.D
Acq: 06 Jan 2025 13:43

Tgt Ion:252 Resp: 3025

Ion	Ratio	Lower	Upper
252	100		
253	25.5	20.5	30.7
125	14.7	10.6	16.0



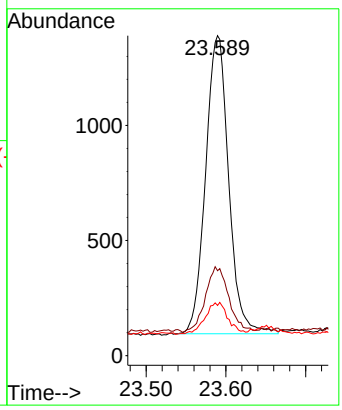


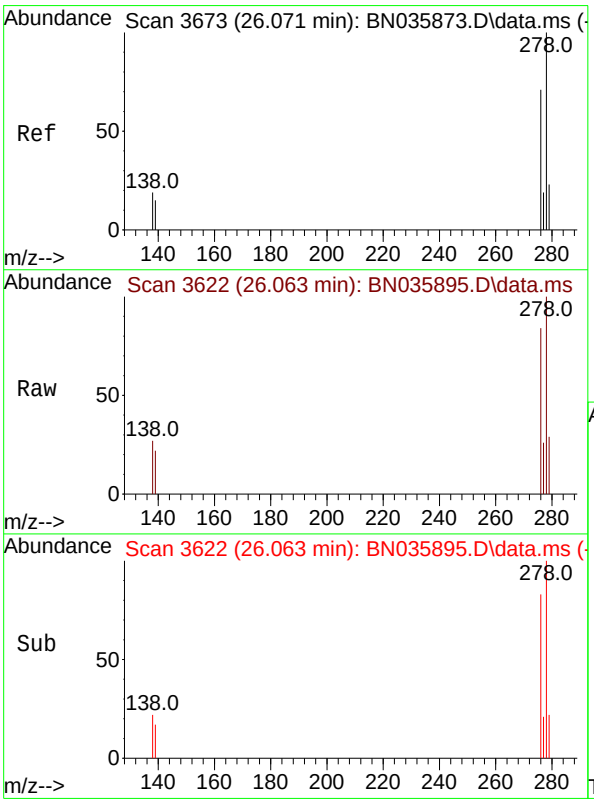
#39
Benzo(a)pyrene
Concen: 0.377 ng
RT: 23.589 min Scan# 2
Delta R.T. 0.001 min
Lab File: BN035895.D
Acq: 06 Jan 2025 13:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 2610

Ion	Ratio	Lower	Upper
252	100		
253	26.5	21.5	32.3
125	15.7	12.6	19.0

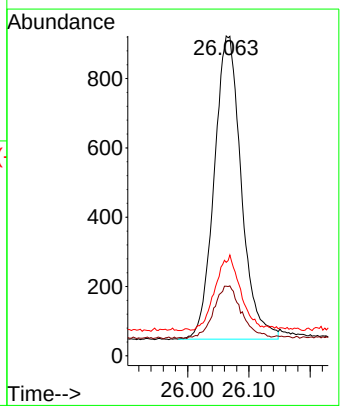


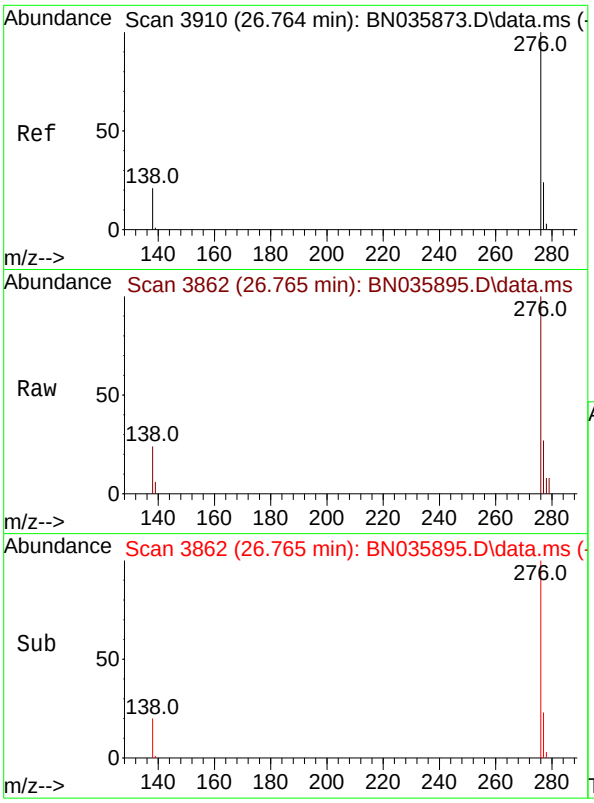


#40
Dibenzo(a,h)anthracene
Concen: 0.368 ng
RT: 26.063 min Scan# 3622
Delta R.T. -0.008 min
Lab File: BN035895.D
Acq: 06 Jan 2025 13:43

Tgt Ion:278 Resp: 2689

Ion	Ratio	Lower	Upper
278	100		
139	21.8	15.9	23.9
279	29.3	23.0	34.4





#41
Benzo(g,h,i)perylene
Concen: 0.373 ng
RT: 26.765 min Scan# 3
Delta R.T. 0.001 min
Lab File: BN035895.D
Acq: 06 Jan 2025 13:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 3048

Ion	Ratio	Lower	Upper
276	100		
277	27.4	22.8	34.2
138	24.0	20.1	30.1