Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043025\
Data File : BN036941.D
Acq On : 30 Apr 2025 10:59
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Apr 30 11:41:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 15:35:03 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.625	152	2089	0.400	ng	0.00
7) Naphthalene-d8	10.404	136	5327	0.400	ng	#-0.01
13) Acenaphthene-d10	14.277	164	3019	0.400	ng	0.00
19) Phenanthrene-d10	17.021	188	6059	0.400	ng	0.00
29) Chrysene-d12	21.215	240	4788	0.400	ng	0.00
35) Perylene-d12	23.427	264	4103	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.220	112	2170	0.406	ng	0.00
5) Phenol-d6	6.802	99	2665	0.405	ng	0.00
8) Nitrobenzene-d5	8.781	82	2193	0.393	ng	0.00
11) 2-Methylnaphthalene-d10	12.006	152	2946	0.395	ng	0.00
14) 2,4,6-Tribromophenol	15.767	330	516	0.383	ng	0.00
15) 2-Fluorobiphenyl	12.893	172	6043	0.414	ng	0.00
27) Fluoranthene-d10	19.059	212	6203	0.395	ng	0.00
31) Terphenyl-d14	19.663	244	4357	0.386	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.148	88	1108	0.426	ng	94
3) n-Nitrosodimethylamine	3.465	42	2073	0.410	ng	# 94
6) bis(2-Chloroethyl)ether	7.062	93	2393	0.393	ng	100
9) Naphthalene	10.458	128	6195	0.400	ng	99
10) Hexachlorobutadiene	10.746	225	1363	0.406	ng	# 95
12) 2-Methylnaphthalene	12.082	142	3959	0.395	ng	98
16) Acenaphthylene	13.989	152	5724	0.388	ng	100
17) Acenaphthene	14.341	154	3781	0.390	ng	99
18) Fluorene	15.325	166	4951	0.390	ng	100
20) 4,6-Dinitro-2-methylph...	15.410	198	533	0.332	ng	85
21) 4-Bromophenyl-phenylether	16.227	248	1557	0.385	ng	98
22) Hexachlorobenzene	16.338	284	1740	0.393	ng	98
23) Atrazine	16.500	200	1270	0.389	ng	99
24) Pentachlorophenol	16.673	266	828	0.349	ng	98
25) Phenanthrene	17.058	178	7786	0.389	ng	100
26) Anthracene	17.157	178	6822	0.377	ng	100
28) Fluoranthene	19.091	202	8782	0.392	ng	99
30) Pyrene	19.453	202	8781	0.381	ng	100
32) Benzo(a)anthracene	21.197	228	6761	0.383	ng	97
33) Chrysene	21.251	228	7941	0.418	ng	99
34) Bis(2-ethylhexyl)phtha...	21.144	149	3907	0.390	ng	100
36) Indeno(1,2,3-cd)pyrene	25.646	276	6159	0.368	ng	99
37) Benzo(b)fluoranthene	22.766	252	6735	0.390	ng	98
38) Benzo(k)fluoranthene	22.810	252	6709	0.387	ng	99
39) Benzo(a)pyrene	23.330	252	5522	0.389	ng	97
40) Dibenzo(a,h)anthracene	25.661	278	4805	0.364	ng	99
41) Benzo(g,h,i)perylene	26.321	276	5438	0.372	ng	99

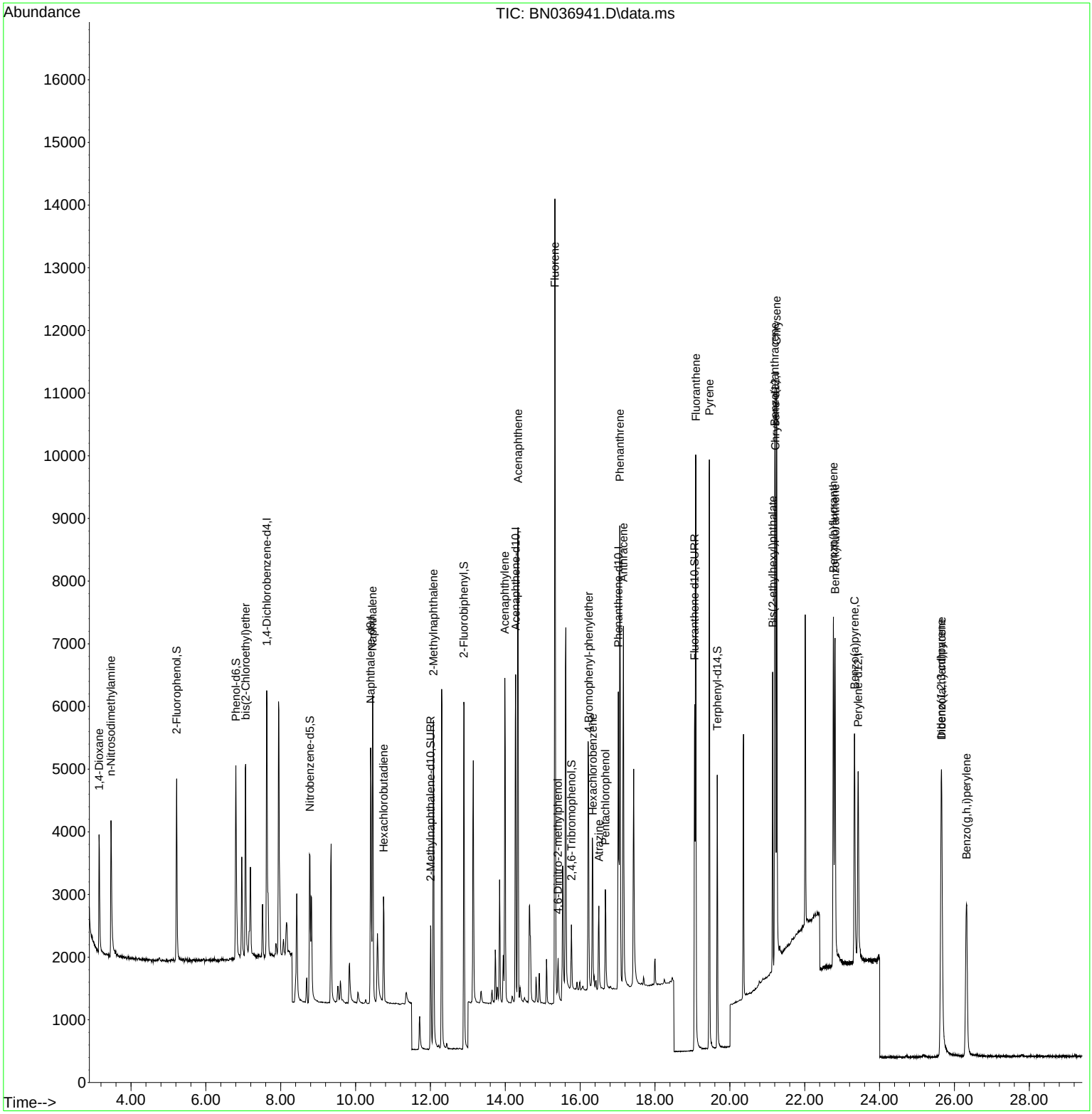
(#) = qualifier out of range (m) = manual integration (+) = signals summed

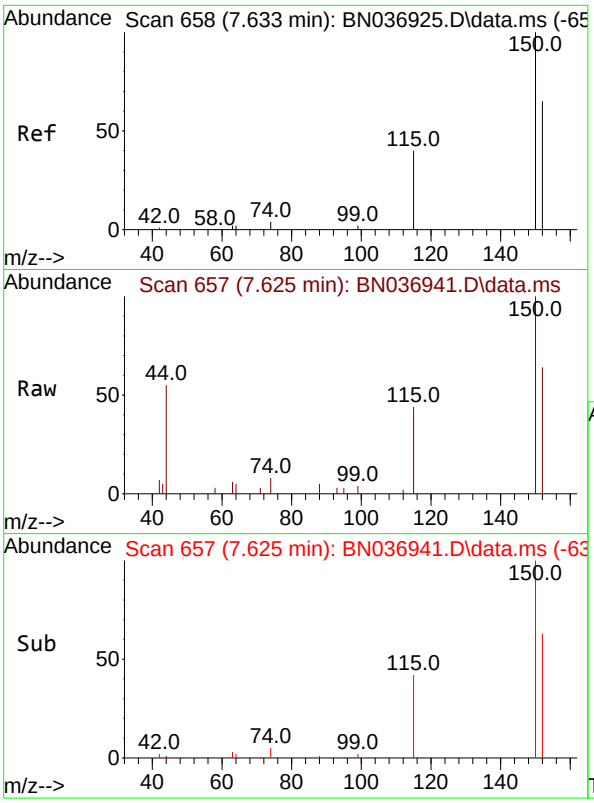
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043025\
Data File : BN036941.D
Acq On : 30 Apr 2025 10:59
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Apr 30 11:41:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 15:35:03 2025
Response via : Initial Calibration



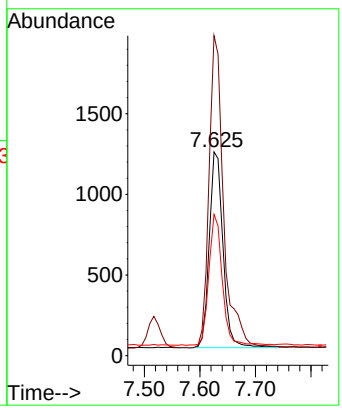


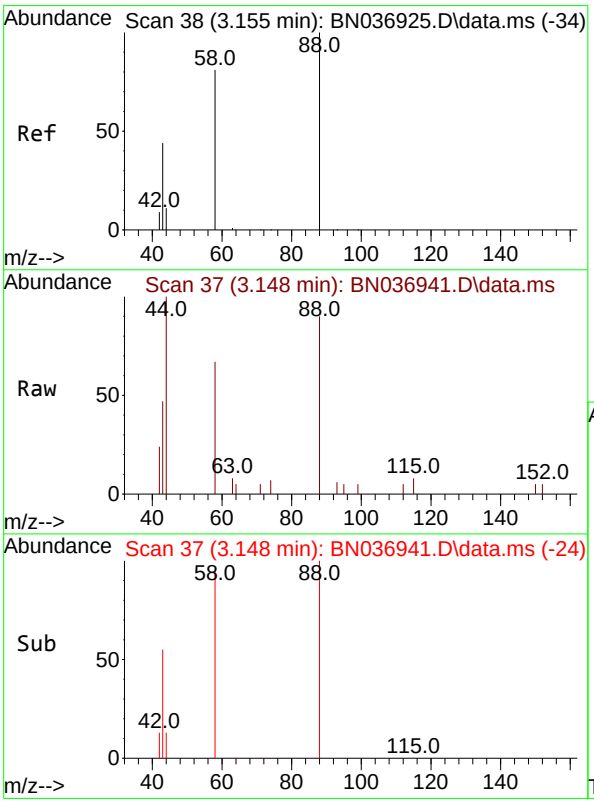
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.625 min Scan# 6
Delta R.T. -0.008 min
Lab File: BN036941.D
Acq: 30 Apr 2025 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 2089

Ion	Ratio	Lower	Upper
152	100		
150	157.0	121.1	181.7
115	69.3	51.8	77.6

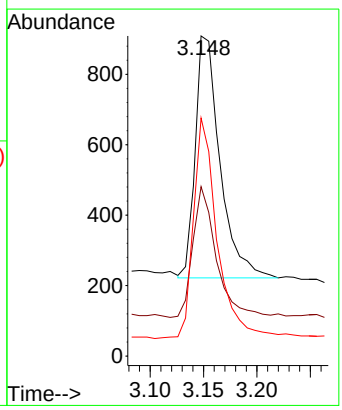


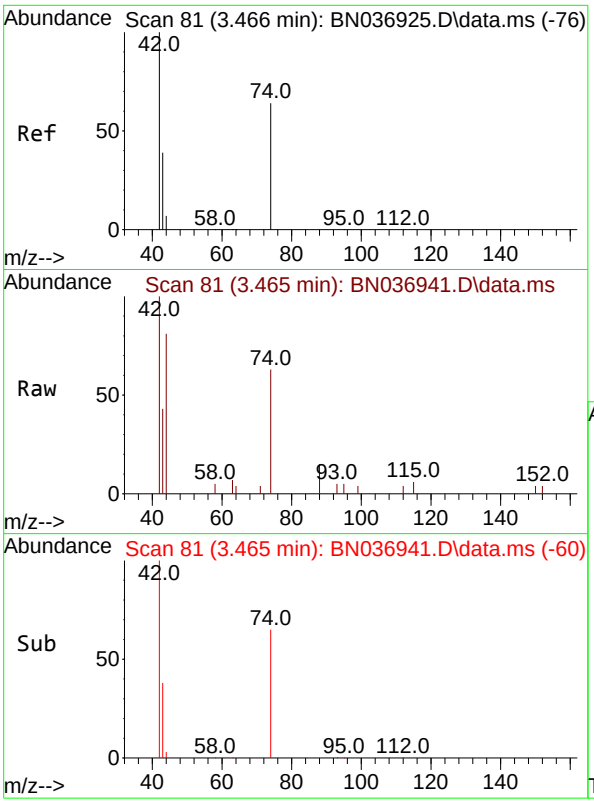


#2
1,4-Dioxane
Concen: 0.426 ng
RT: 3.148 min Scan# 37
Delta R.T. -0.007 min
Lab File: BN036941.D
Acq: 30 Apr 2025 10:59

Tgt Ion: 88 Resp: 1108

Ion	Ratio	Lower	Upper
88	100		
43	51.3	37.9	56.9
58	87.6	65.8	98.6



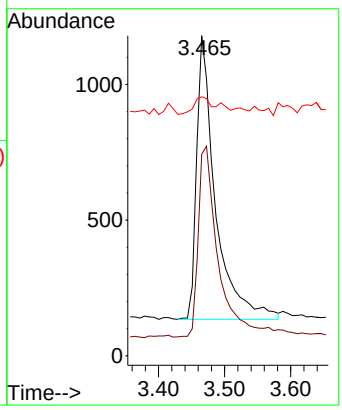


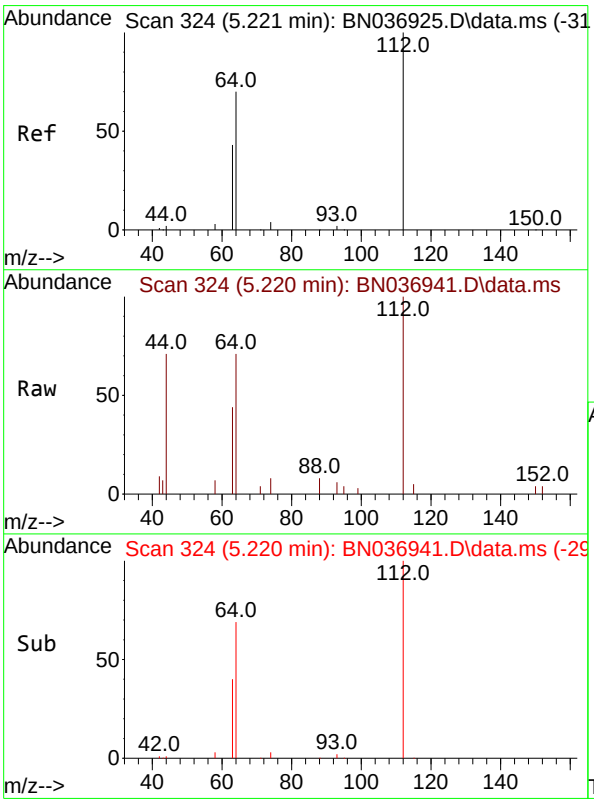
#3
n-Nitrosodimethylamine
Concen: 0.410 ng
RT: 3.465 min Scan# 8
Delta R.T. -0.000 min
Lab File: BN036941.D
Acq: 30 Apr 2025 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 2073

Ion	Ratio	Lower	Upper
42	100		
74	70.8	59.9	89.9
44	5.1	7.5	11.3#

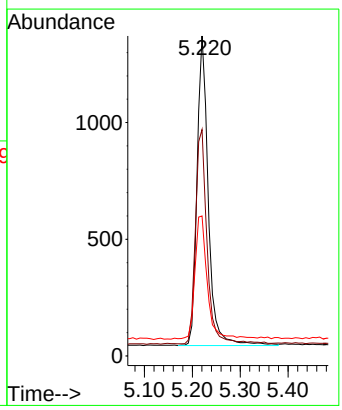


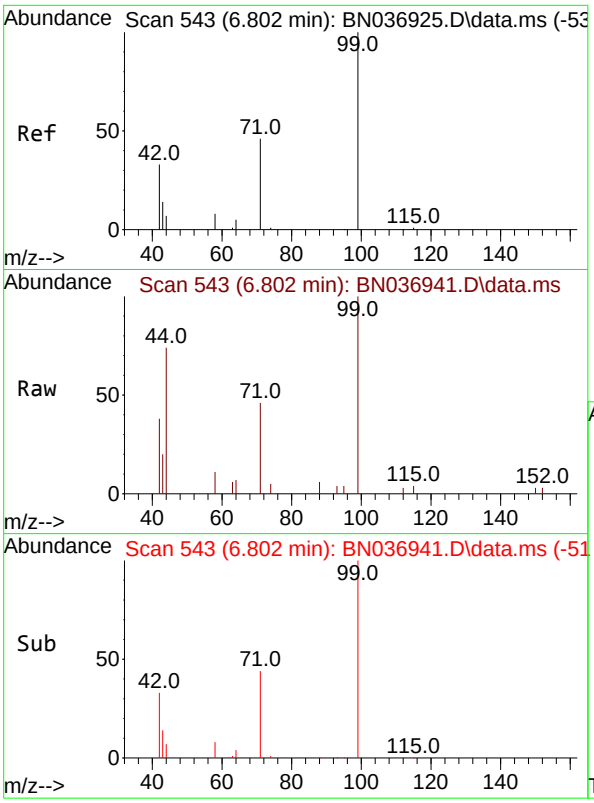


#4
2-Fluorophenol
Concen: 0.406 ng
RT: 5.220 min Scan# 324
Delta R.T. -0.000 min
Lab File: BN036941.D
Acq: 30 Apr 2025 10:59

Tgt Ion:112 Resp: 2170

Ion	Ratio	Lower	Upper
112	100		
64	71.3	55.7	83.5
63	44.0	33.9	50.9



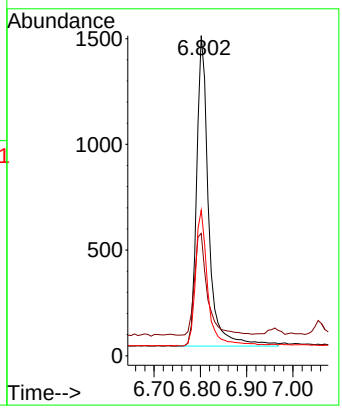


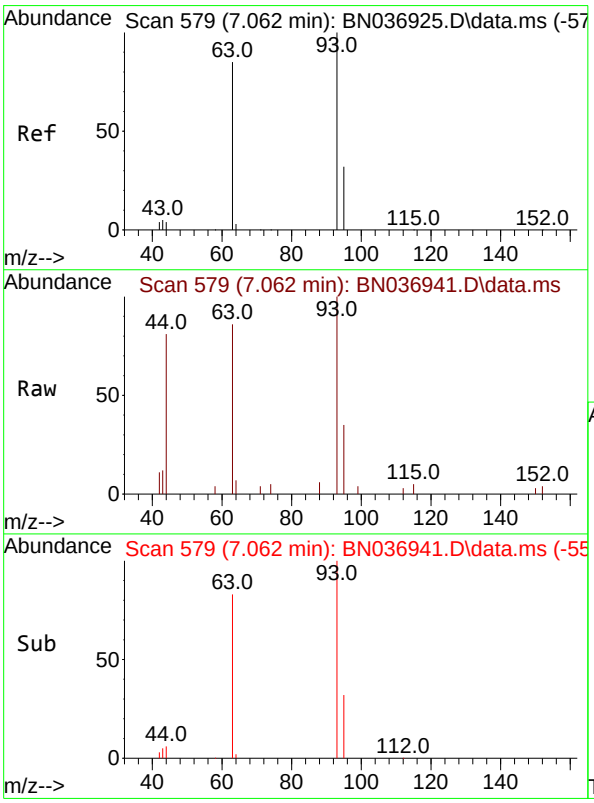
#5
Phenol-d6
Concen: 0.405 ng
RT: 6.802 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN036941.D
Acq: 30 Apr 2025 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 2665

Ion	Ratio	Lower	Upper
99	100		
42	35.4	29.6	44.4
71	44.7	36.0	54.0

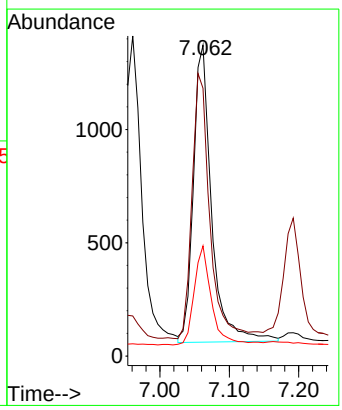


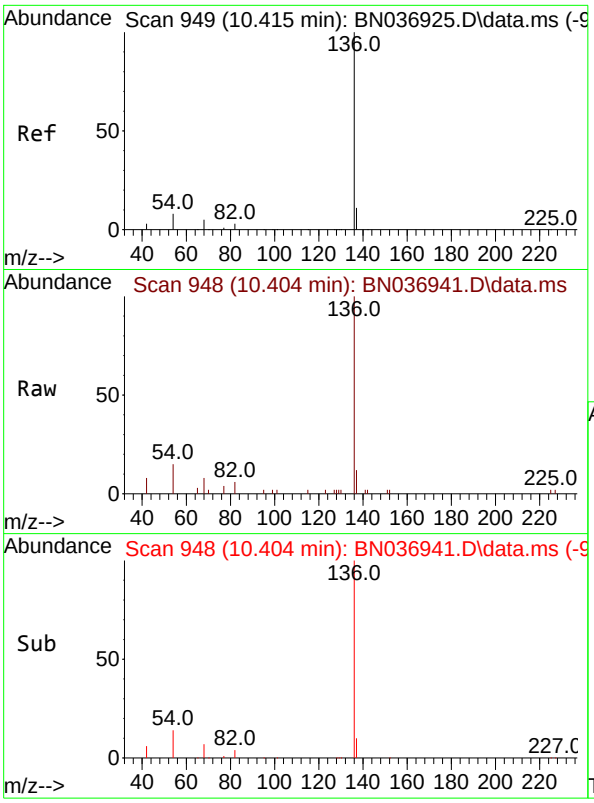


#6
bis(2-Chloroethyl)ether
Concen: 0.393 ng
RT: 7.062 min Scan# 579
Delta R.T. -0.000 min
Lab File: BN036941.D
Acq: 30 Apr 2025 10:59

Tgt Ion: 93 Resp: 2393

Ion	Ratio	Lower	Upper
93	100		
63	86.4	69.0	103.6
95	31.9	25.4	38.0



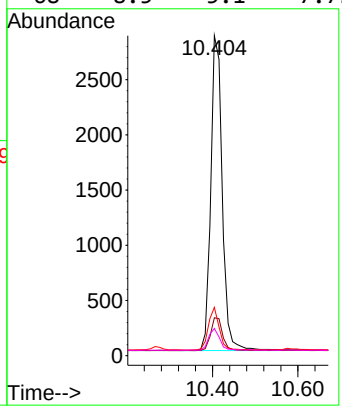


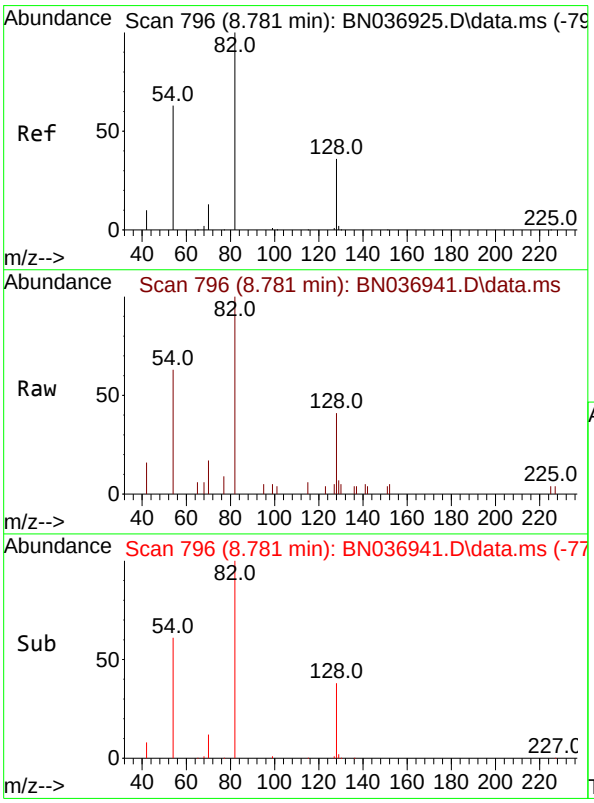
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.404 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN036941.D
Acq: 30 Apr 2025 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 5327

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.7	14.5
54	15.1	8.0	12.0#
68	8.5	5.1	7.7#

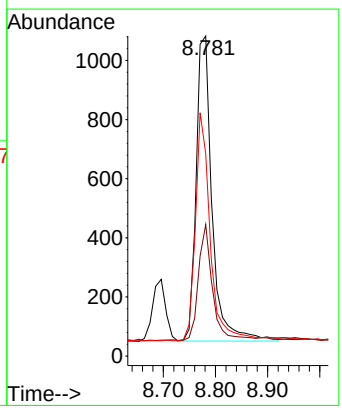


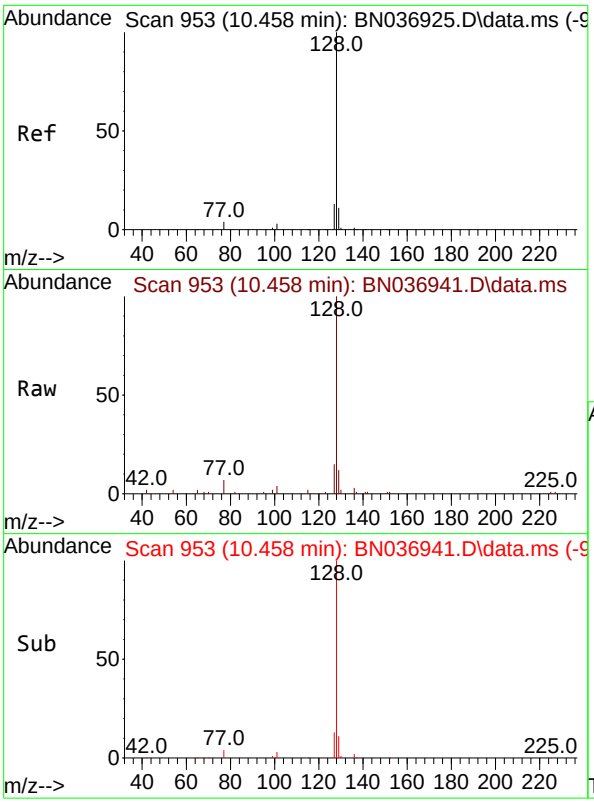


#8
Nitrobenzene-d5
Concen: 0.393 ng
RT: 8.781 min Scan# 796
Delta R.T. -0.000 min
Lab File: BN036941.D
Acq: 30 Apr 2025 10:59

Tgt Ion: 82 Resp: 2193

Ion	Ratio	Lower	Upper
82	100		
128	41.1	30.7	46.1
54	63.3	52.1	78.1



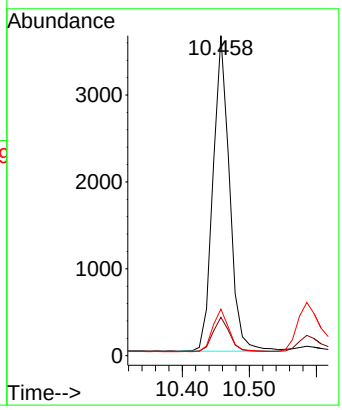


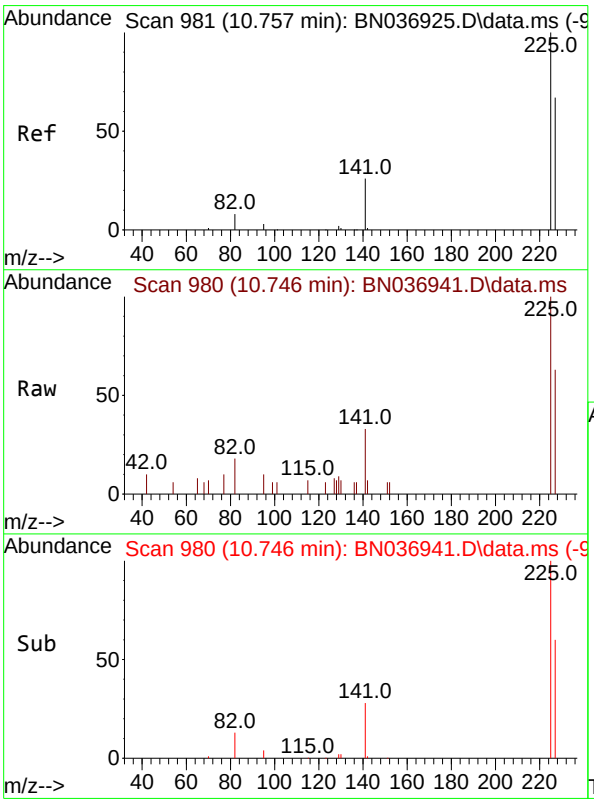
#9
Naphthalene
Concen: 0.400 ng
RT: 10.458 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN036941.D
Acq: 30 Apr 2025 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 6195

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.8	14.6
127	14.6	11.4	17.2

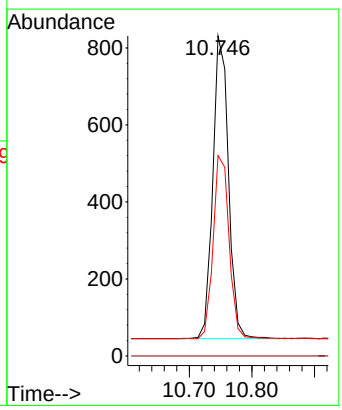


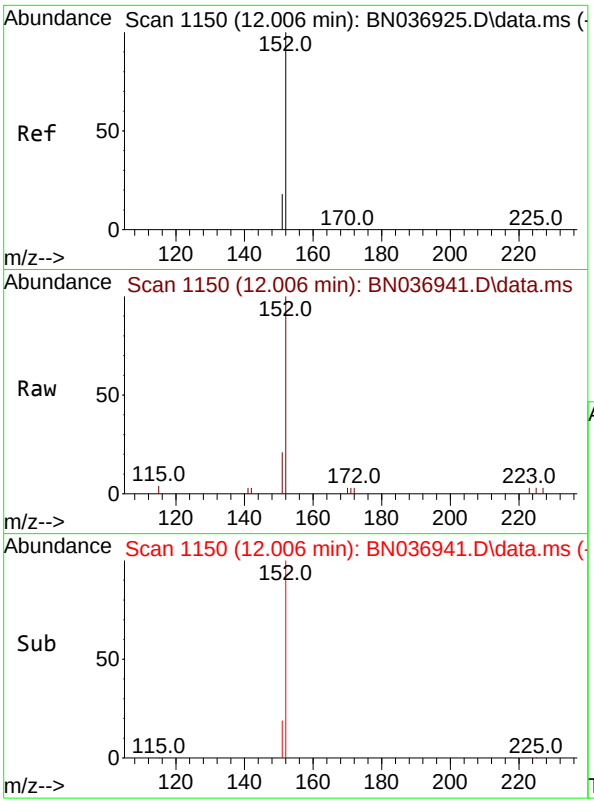


#10
Hexachlorobutadiene
Concen: 0.406 ng
RT: 10.746 min Scan# 980
Delta R.T. -0.011 min
Lab File: BN036941.D
Acq: 30 Apr 2025 10:59

Tgt Ion:225 Resp: 1363

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	61.6	52.2	78.4



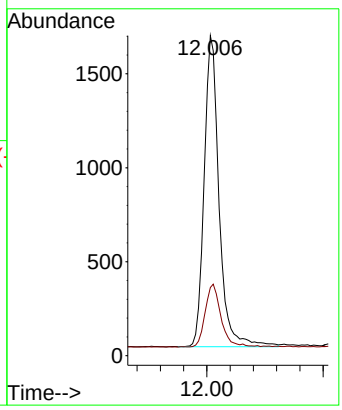


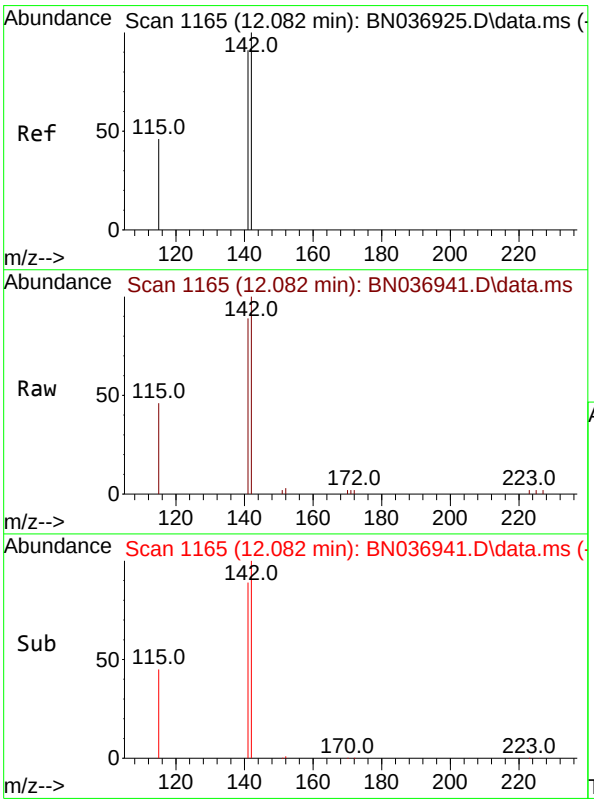
#11
2-Methylnaphthalene-d10
Concen: 0.395 ng
RT: 12.006 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN036941.D
Acq: 30 Apr 2025 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 2946

Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.9	25.3

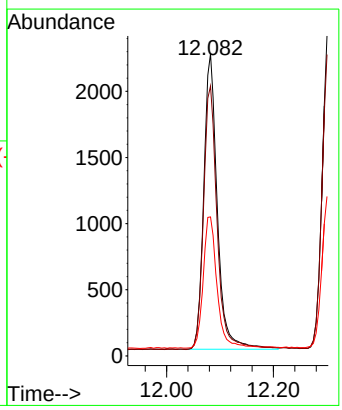


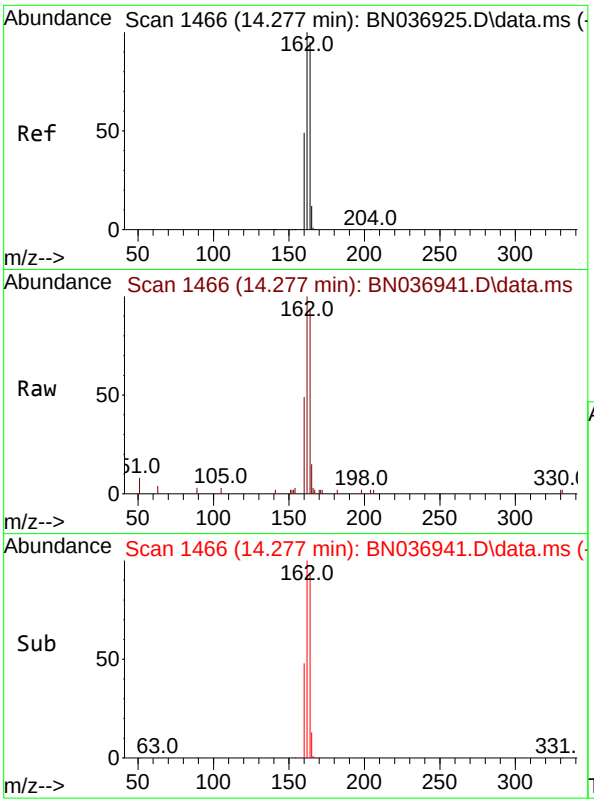


#12
2-Methylnaphthalene
Concen: 0.395 ng
RT: 12.082 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BN036941.D
Acq: 30 Apr 2025 10:59

Tgt Ion:142 Resp: 3959

Ion	Ratio	Lower	Upper
142	100		
141	89.3	72.8	109.2
115	46.0	38.2	57.4



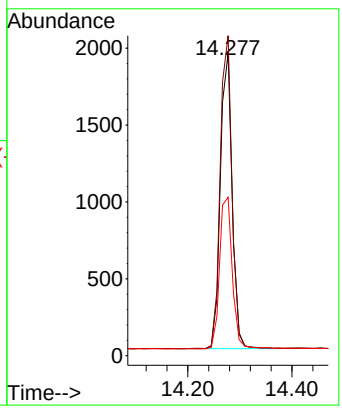


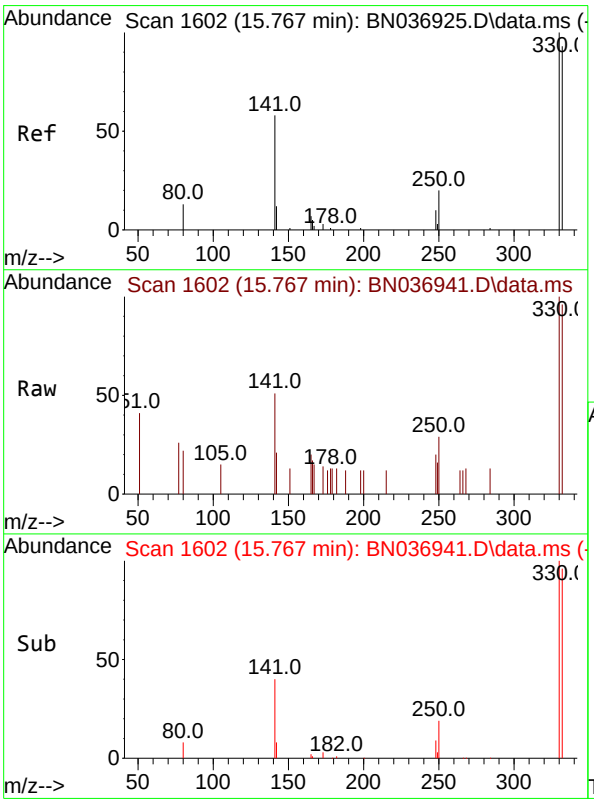
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.277 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN036941.D
Acq: 30 Apr 2025 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 3019

Ion	Ratio	Lower	Upper
164	100		
162	105.8	83.8	125.8
160	52.4	42.0	63.0

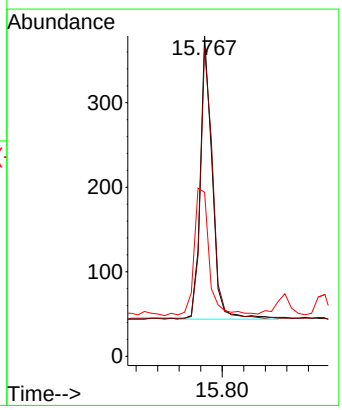


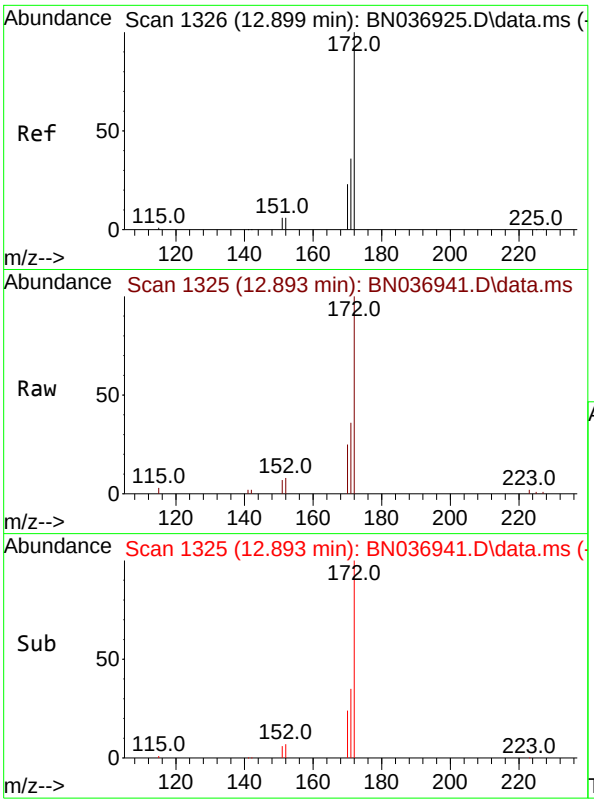


#14
2,4,6-Tribromophenol
Concen: 0.383 ng
RT: 15.767 min Scan# 1602
Delta R.T. -0.000 min
Lab File: BN036941.D
Acq: 30 Apr 2025 10:59

Tgt Ion:330 Resp: 516

Ion	Ratio	Lower	Upper
330	100		
332	99.2	76.3	114.5
141	57.8	45.4	68.2



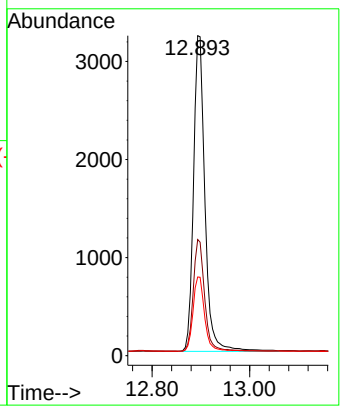


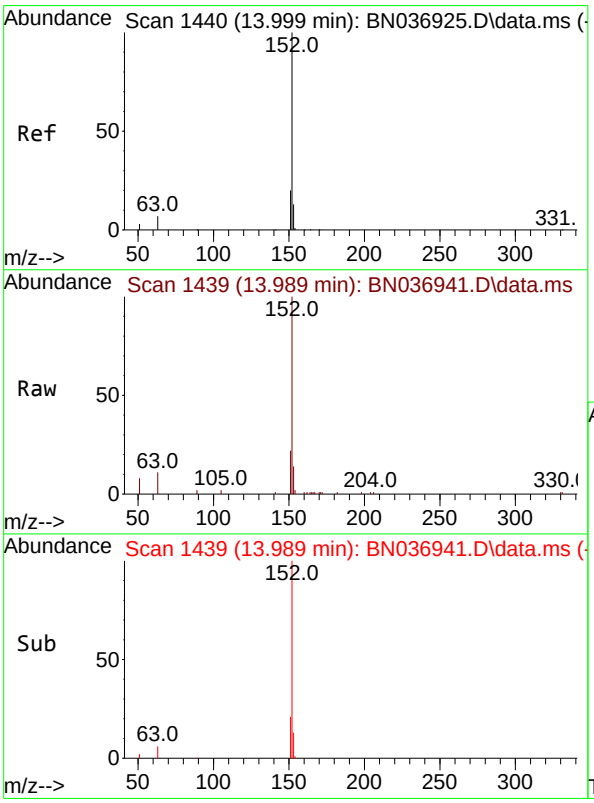
#15
2-Fluorobiphenyl
Concen: 0.414 ng
RT: 12.893 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN036941.D
Acq: 30 Apr 2025 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 6043

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.6	19.4	29.0

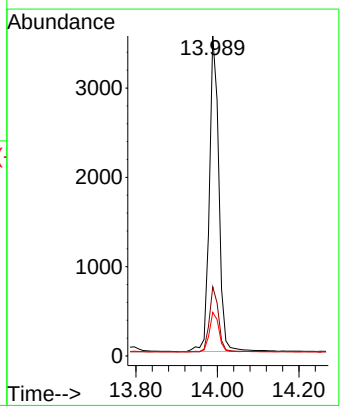


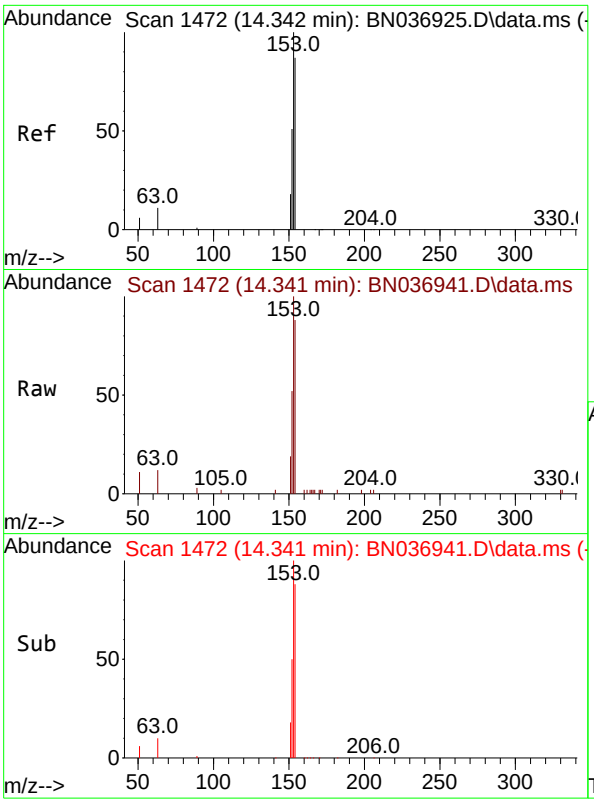


#16
Acenaphthylene
Concen: 0.388 ng
RT: 13.989 min Scan# 1439
Delta R.T. -0.011 min
Lab File: BN036941.D
Acq: 30 Apr 2025 10:59

Tgt Ion:152 Resp: 5724

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.0	24.0
153	13.0	10.2	15.2



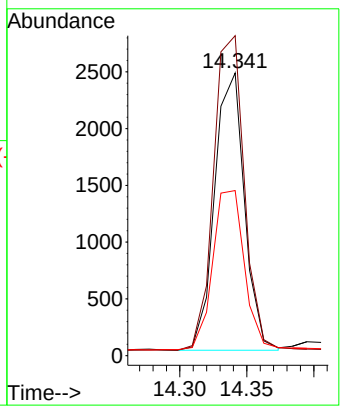


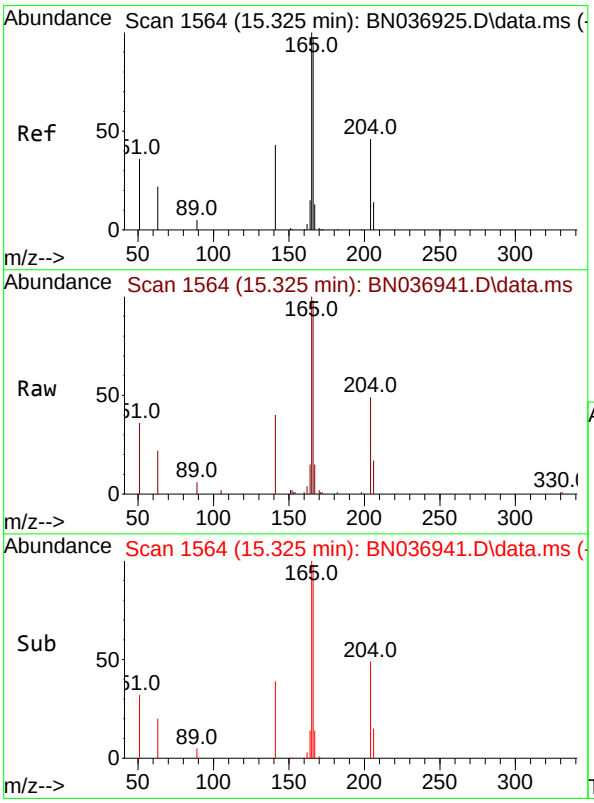
#17
Acenaphthene
Concen: 0.390 ng
RT: 14.341 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN036941.D
Acq: 30 Apr 2025 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 3781

Ion	Ratio	Lower	Upper
154	100		
153	117.6	93.4	140.2
152	62.9	49.5	74.3

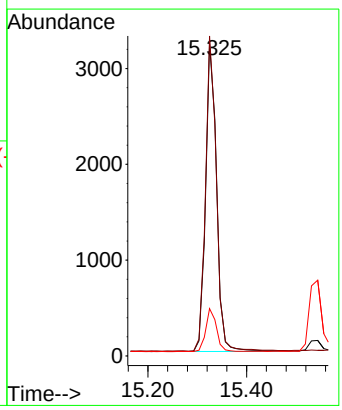


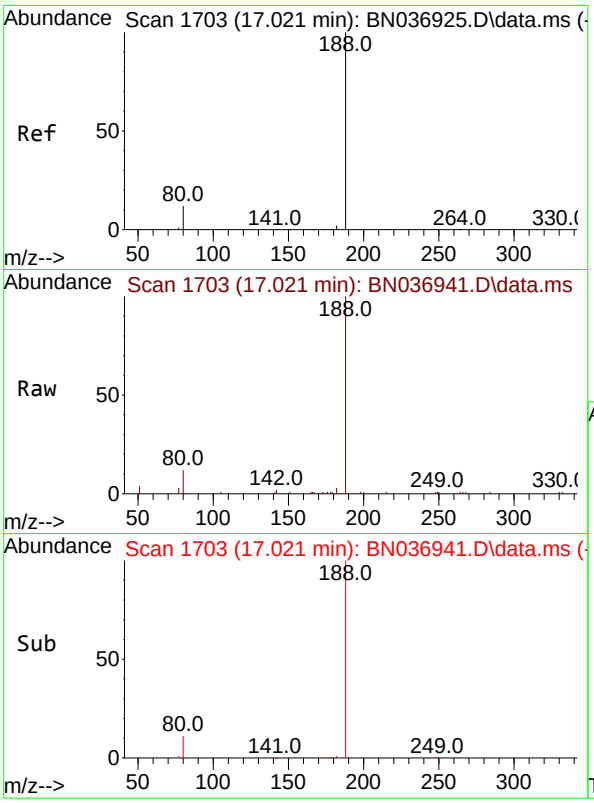


#18
Fluorene
Concen: 0.390 ng
RT: 15.325 min Scan# 1564
Delta R.T. -0.000 min
Lab File: BN036941.D
Acq: 30 Apr 2025 10:59

Tgt Ion:166 Resp: 4951

Ion	Ratio	Lower	Upper
166	100		
165	101.2	80.8	121.2
167	13.7	10.8	16.2



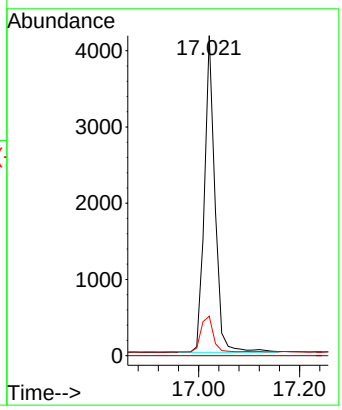


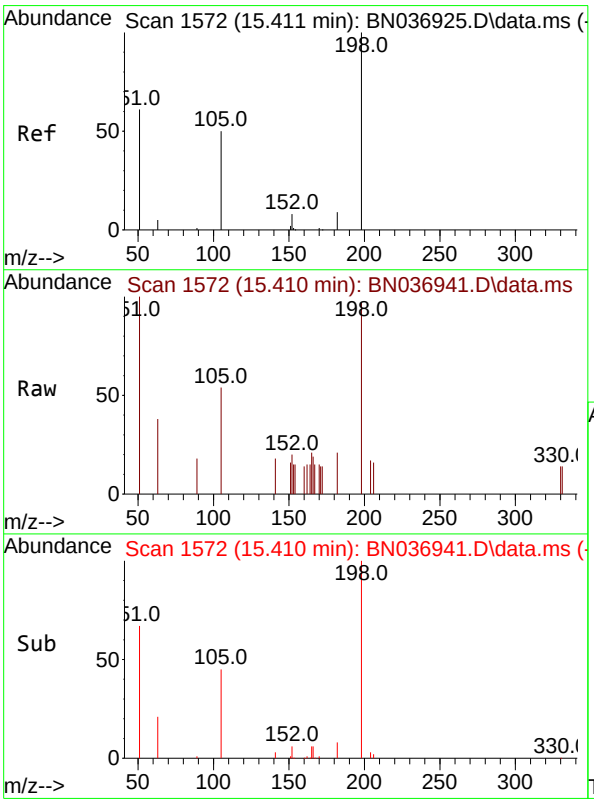
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.021 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN036941.D
Acq: 30 Apr 2025 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 6059

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.3	10.7	16.1

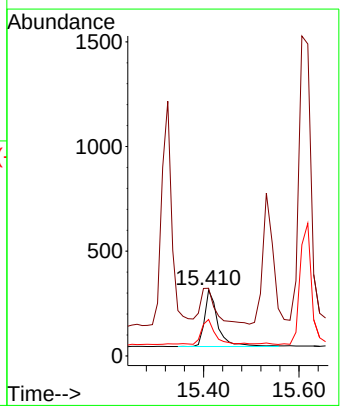


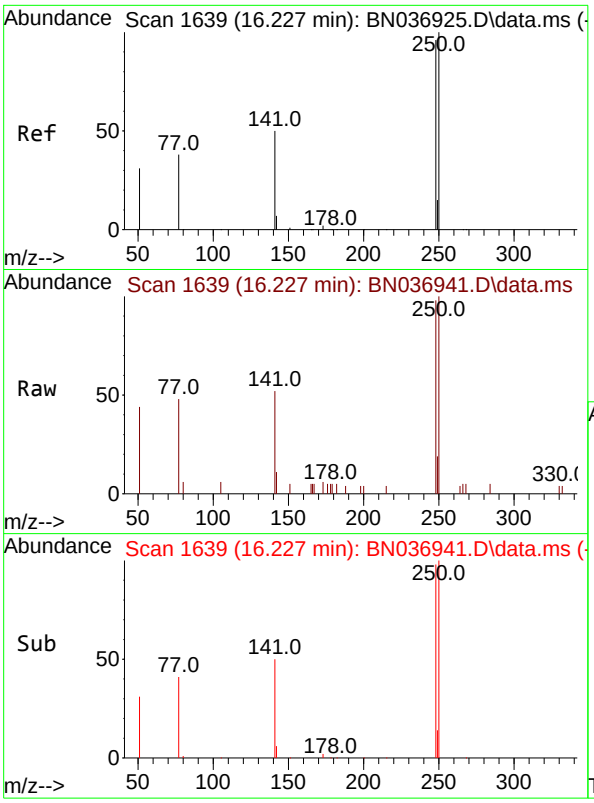


#20
4,6-Dinitro-2-methylphenol
Concen: 0.332 ng
RT: 15.410 min Scan# 1572
Delta R.T. -0.001 min
Lab File: BN036941.D
Acq: 30 Apr 2025 10:59

Tgt Ion:198 Resp: 533

Ion	Ratio	Lower	Upper
198	100		
51	102.9	97.9	146.9
105	55.4	50.0	75.0



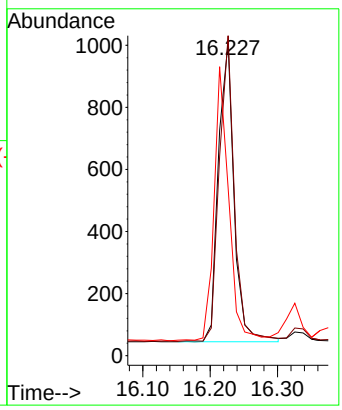


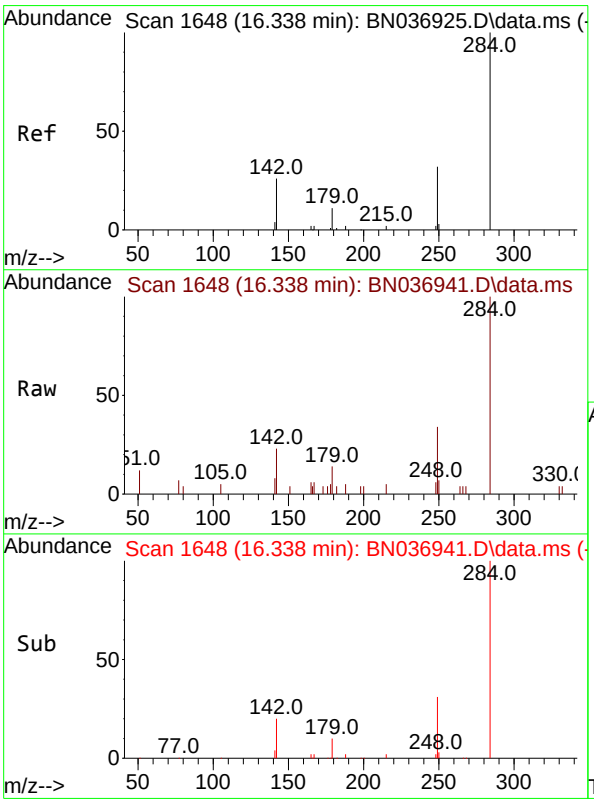
#21
4-Bromophenyl-phenylether
Concen: 0.385 ng
RT: 16.227 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN036941.D
Acq: 30 Apr 2025 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:248 Resp: 1557

Ion	Ratio	Lower	Upper
248	100		
250	101.9	83.7	125.5
141	53.5	43.8	65.8

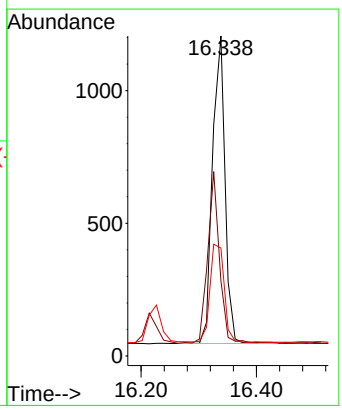


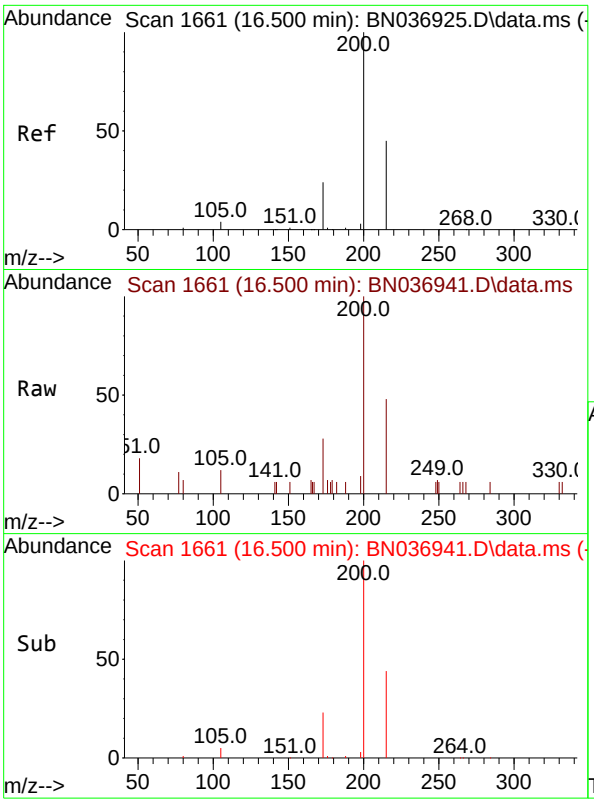


#22
Hexachlorobenzene
Concen: 0.393 ng
RT: 16.338 min Scan# 1648
Delta R.T. -0.000 min
Lab File: BN036941.D
Acq: 30 Apr 2025 10:59

Tgt Ion:284 Resp: 1740

Ion	Ratio	Lower	Upper
284	100		
142	52.2	40.0	60.0
249	36.0	28.2	42.2



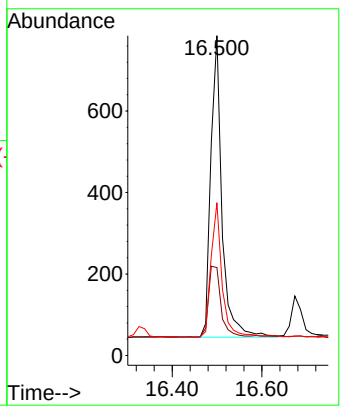


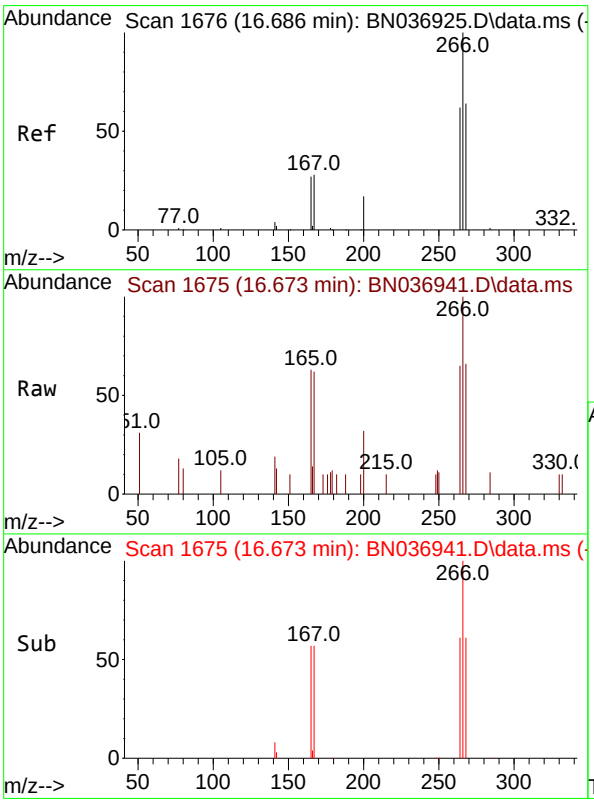
#23
Atrazine
Concen: 0.389 ng
RT: 16.500 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN036941.D
Acq: 30 Apr 2025 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:200 Resp: 1270

Ion	Ratio	Lower	Upper
200	100		
173	27.5	22.4	33.6
215	47.8	38.6	57.8

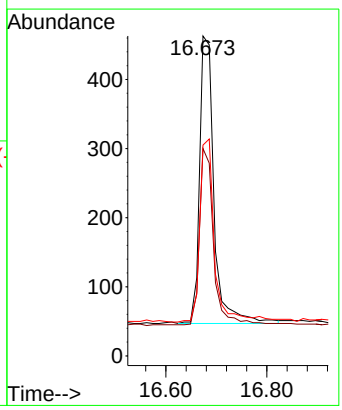


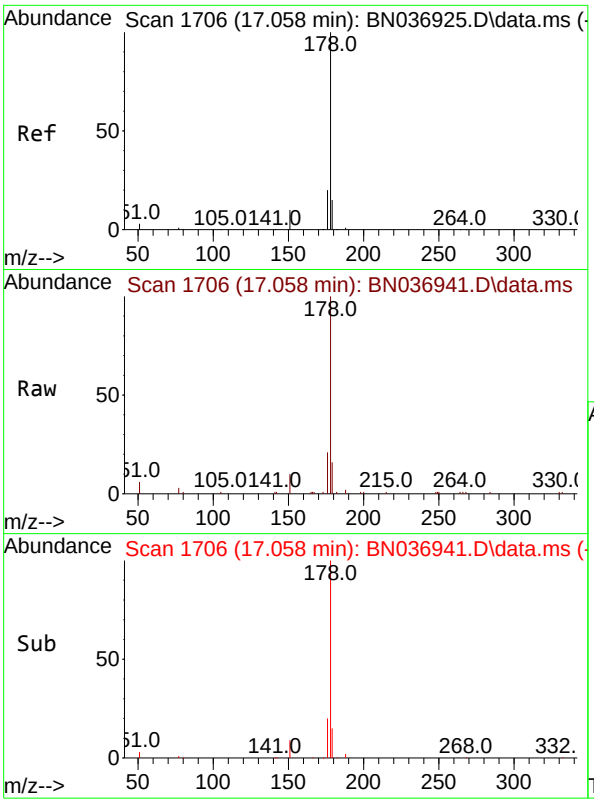


#24
Pentachlorophenol
Concen: 0.349 ng
RT: 16.673 min Scan# 1675
Delta R.T. -0.013 min
Lab File: BN036941.D
Acq: 30 Apr 2025 10:59

Tgt Ion:266 Resp: 828

Ion	Ratio	Lower	Upper
266	100		
264	59.4	49.9	74.9
268	65.3	52.2	78.4



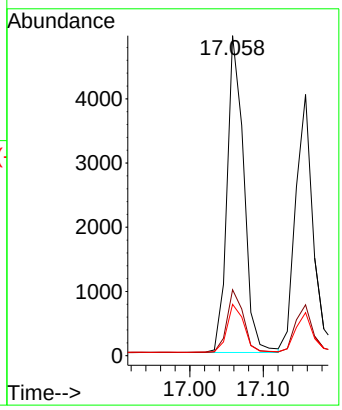


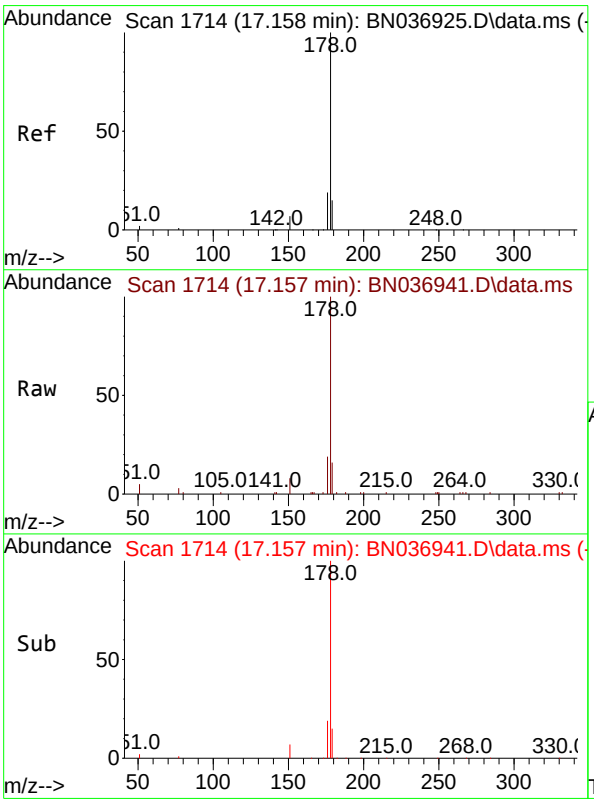
#25
Phenanthrene
Concen: 0.389 ng
RT: 17.058 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN036941.D
Acq: 30 Apr 2025 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 7786

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.7	23.5
179	15.5	12.4	18.6

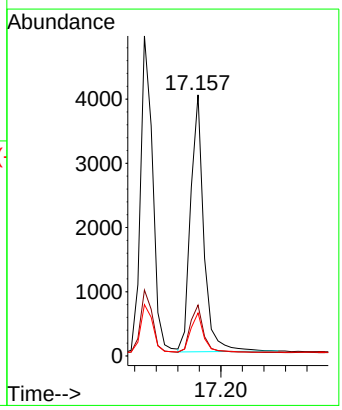


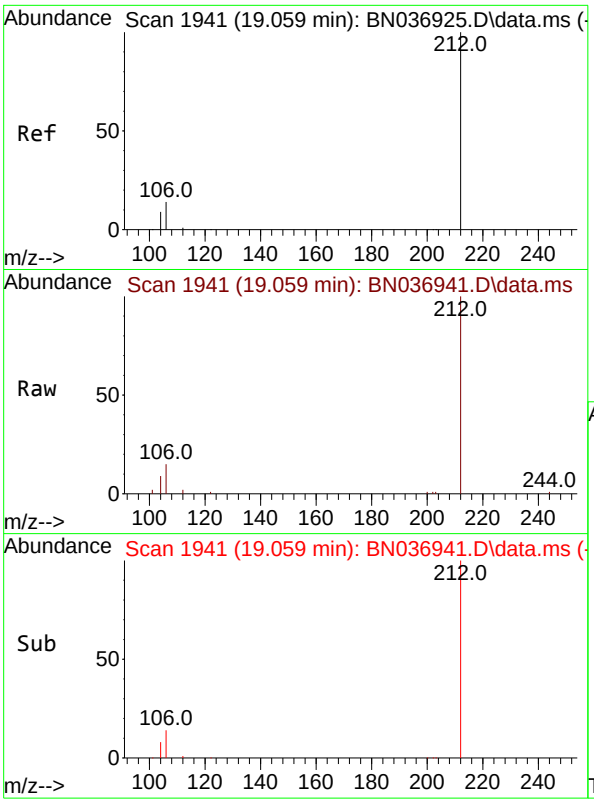


#26
Anthracene
Concen: 0.377 ng
RT: 17.157 min Scan# 1714
Delta R.T. -0.000 min
Lab File: BN036941.D
Acq: 30 Apr 2025 10:59

Tgt Ion:178 Resp: 6822

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.3	22.9
179	15.1	12.1	18.1



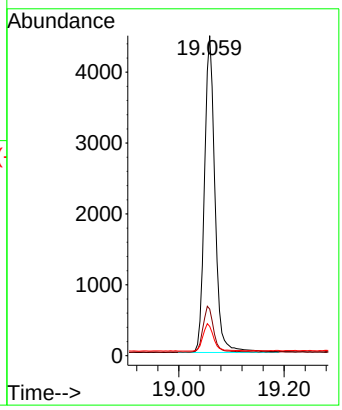


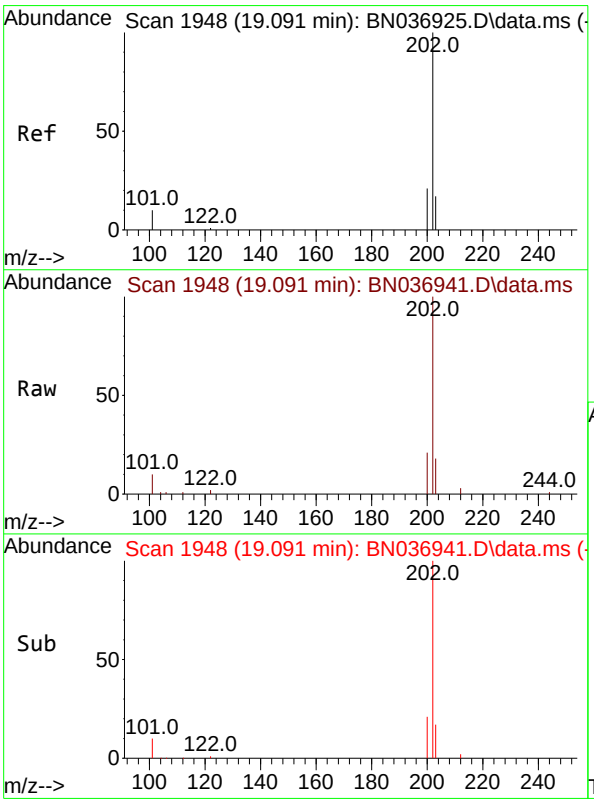
#27
Fluoranthene-d10
Concen: 0.395 ng
RT: 19.059 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN036941.D
Acq: 30 Apr 2025 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 6203

Ion	Ratio	Lower	Upper
212	100		
106	14.6	11.6	17.4
104	8.9	7.0	10.4

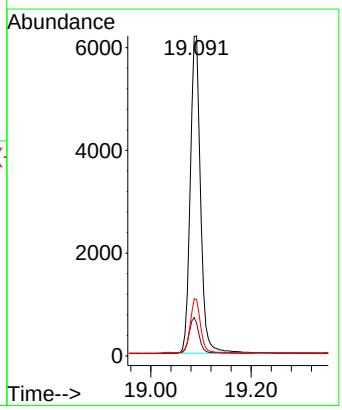


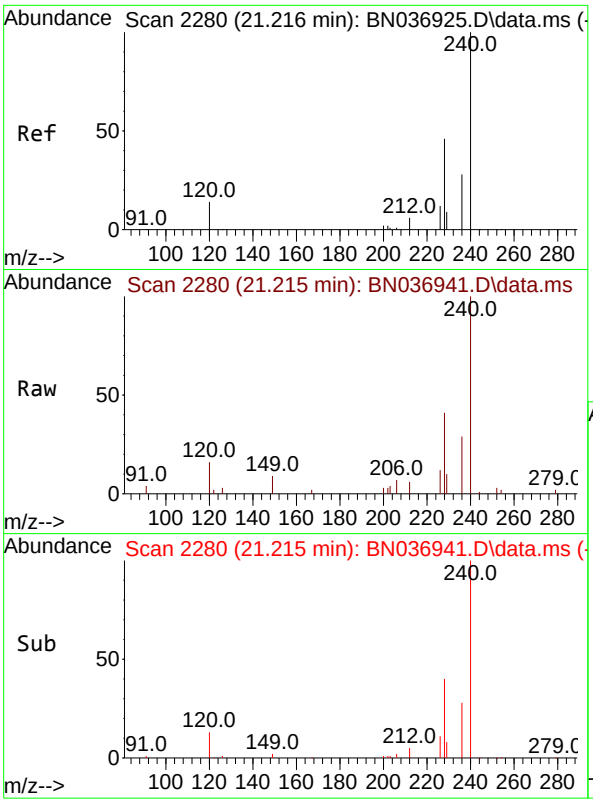


#28
Fluoranthene
Concen: 0.392 ng
RT: 19.091 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BN036941.D
Acq: 30 Apr 2025 10:59

Tgt Ion:202 Resp: 8782

Ion	Ratio	Lower	Upper
202	100		
101	11.4	8.5	12.7
203	17.0	13.7	20.5



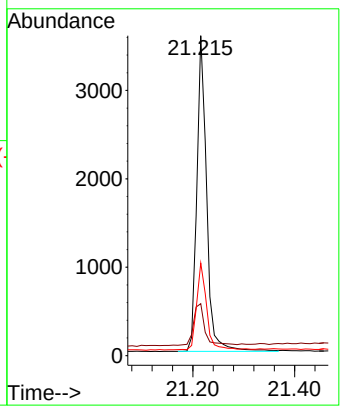


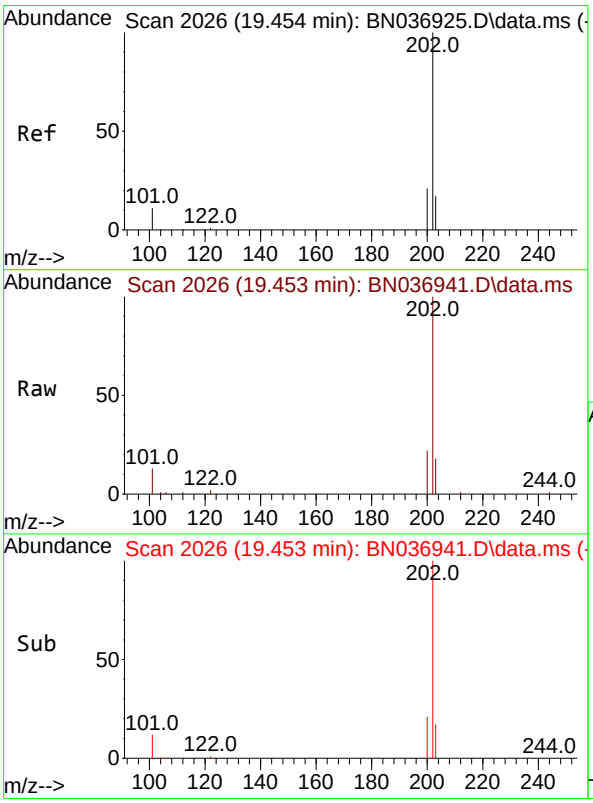
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.215 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN036941.D
Acq: 30 Apr 2025 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 4788

Ion	Ratio	Lower	Upper
240	100		
120	16.2	14.1	21.1
236	29.0	23.8	35.8

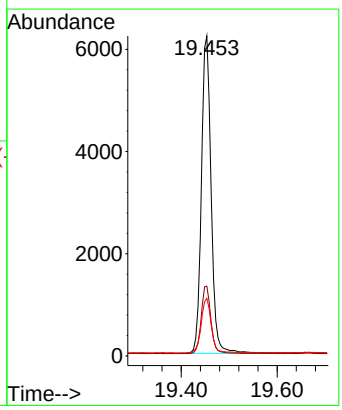


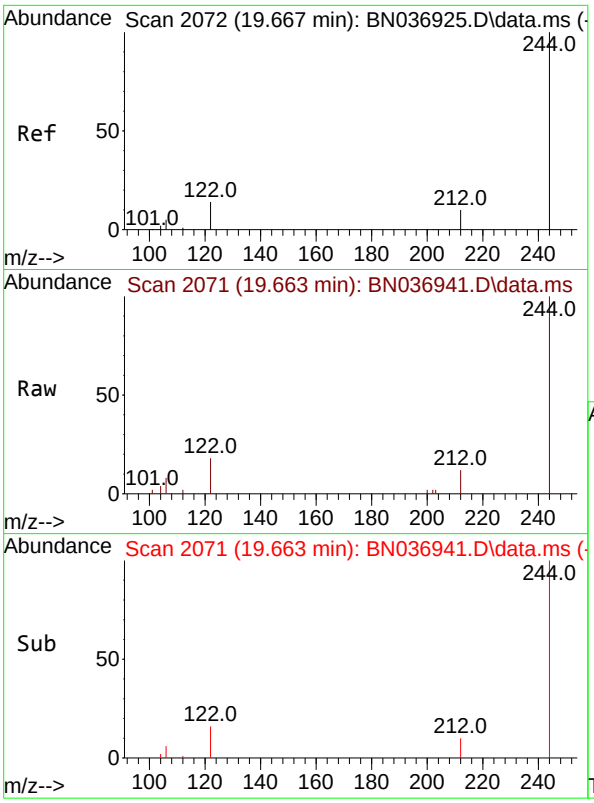


#30
Pyrene
Concen: 0.381 ng
RT: 19.453 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BN036941.D
Acq: 30 Apr 2025 10:59

Tgt Ion:202 Resp: 8781

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.6
203	17.9	14.0	21.0



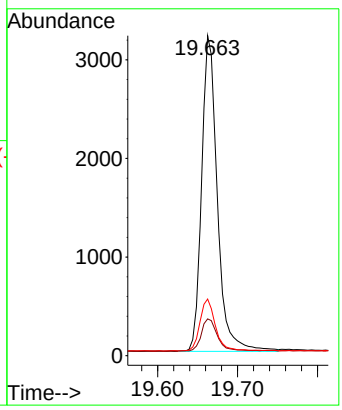


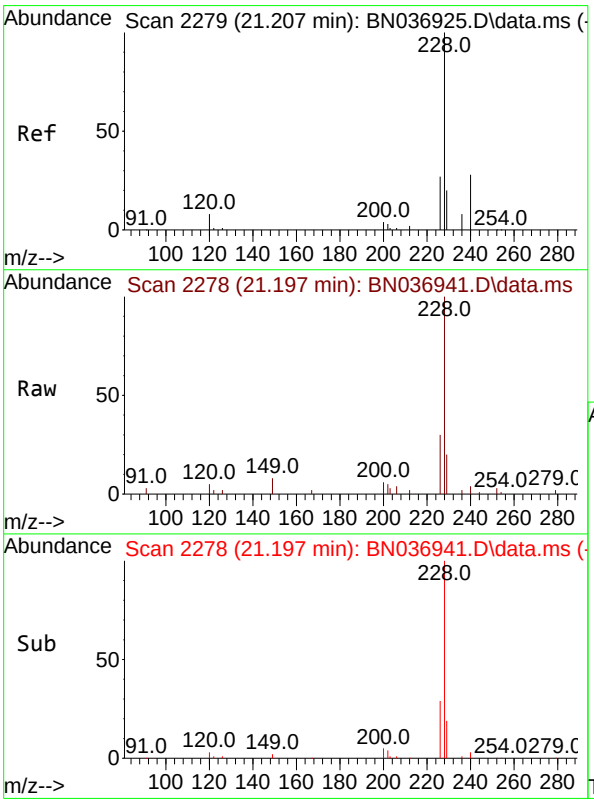
#31
Terphenyl-d14
Concen: 0.386 ng
RT: 19.663 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN036941.D
Acq: 30 Apr 2025 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 4357

Ion	Ratio	Lower	Upper
244	100		
212	11.5	9.6	14.4
122	17.7	12.7	19.1

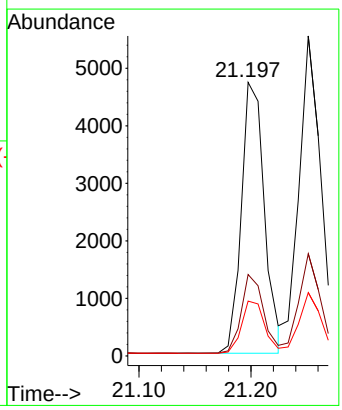


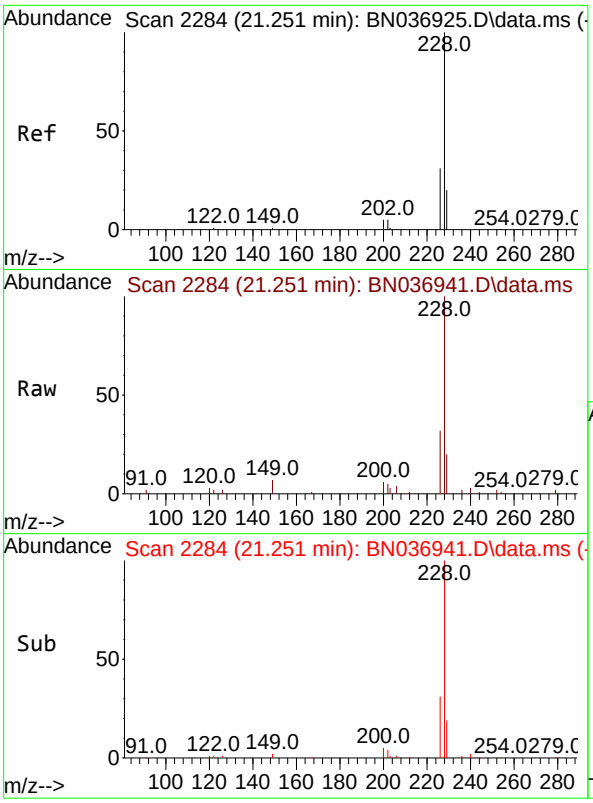


#32
Benzo(a)anthracene
Concen: 0.383 ng
RT: 21.197 min Scan# 2278
Delta R.T. -0.009 min
Lab File: BN036941.D
Acq: 30 Apr 2025 10:59

Tgt Ion:228 Resp: 6761

Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.2	33.4
229	20.1	16.4	24.6



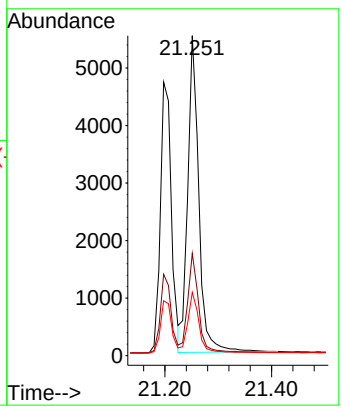


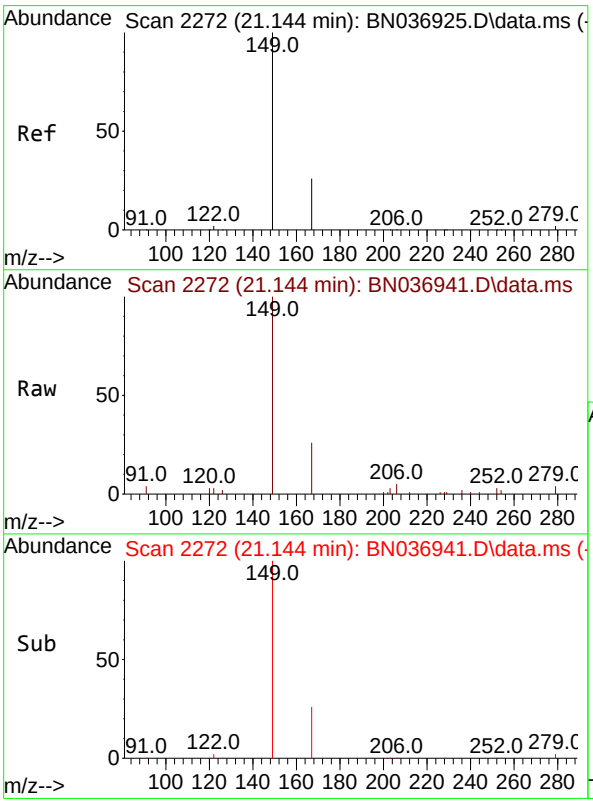
#33
Chrysene
Concen: 0.418 ng
RT: 21.251 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN036941.D
Acq: 30 Apr 2025 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 7941

Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.5	38.3
229	19.8	16.5	24.7

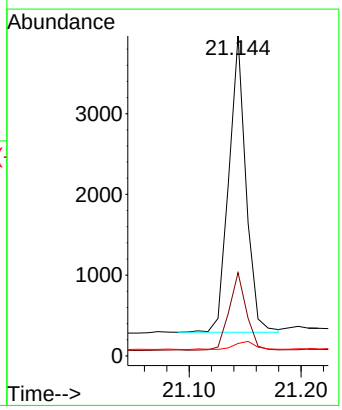


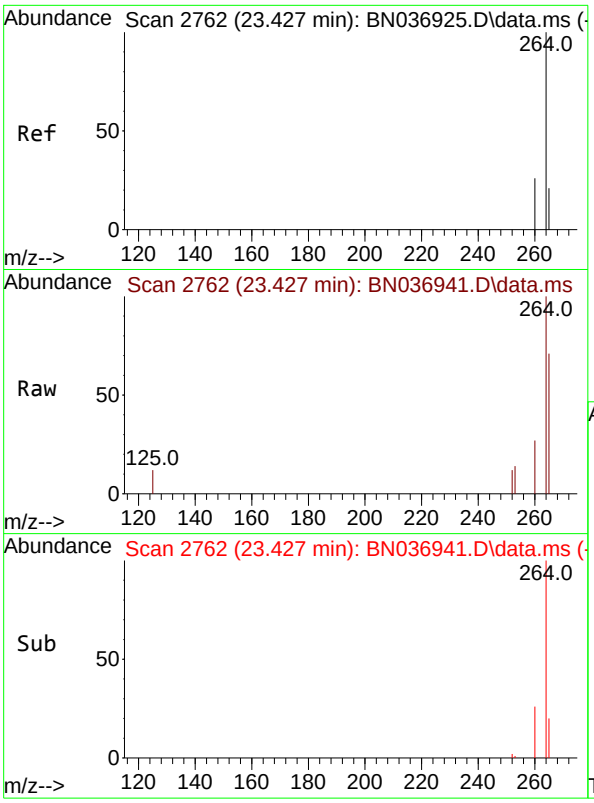


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.390 ng
RT: 21.144 min Scan# 2272
Delta R.T. -0.000 min
Lab File: BN036941.D
Acq: 30 Apr 2025 10:59

Tgt Ion:149 Resp: 3907

Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.0	31.6
279	3.5	2.7	4.1



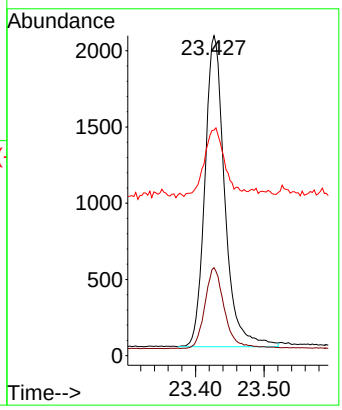


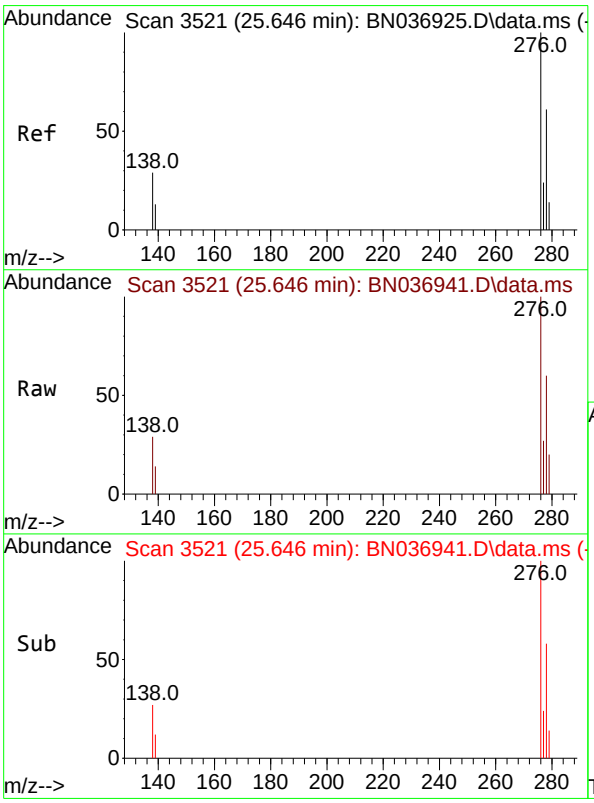
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.427 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN036941.D
Acq: 30 Apr 2025 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 4103

Ion	Ratio	Lower	Upper
264	100		
260	27.5	22.2	33.2
265	70.5	65.8	98.6

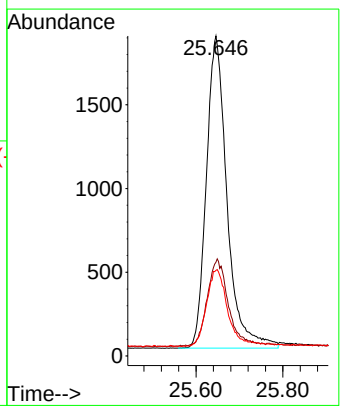


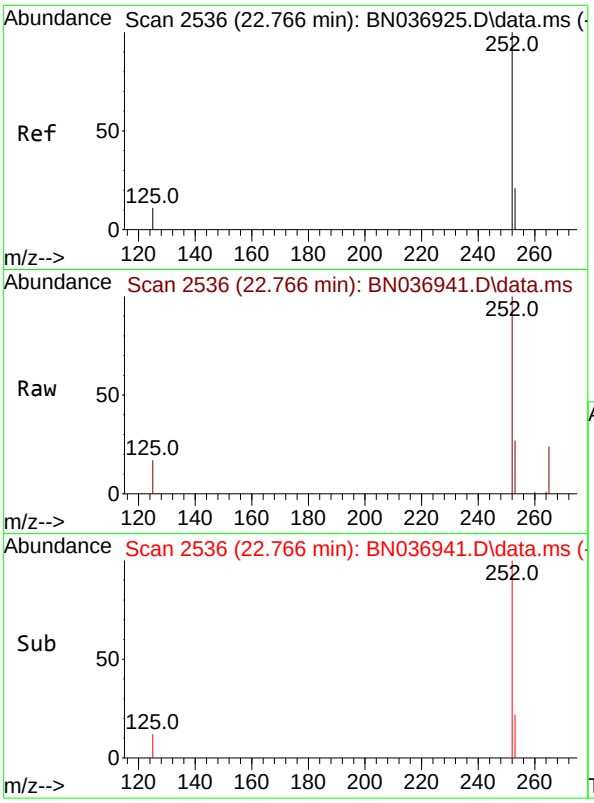


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.368 ng
RT: 25.646 min Scan# 3521
Delta R.T. -0.000 min
Lab File: BN036941.D
Acq: 30 Apr 2025 10:59

Tgt Ion:276 Resp: 6159

Ion	Ratio	Lower	Upper
276	100		
138	27.8	23.0	34.6
277	24.6	20.0	30.0



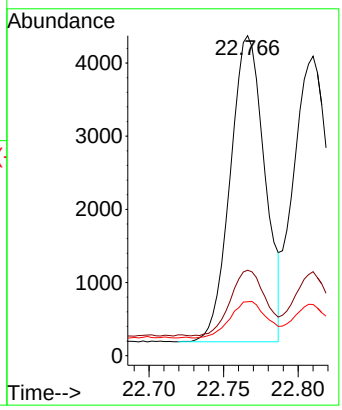


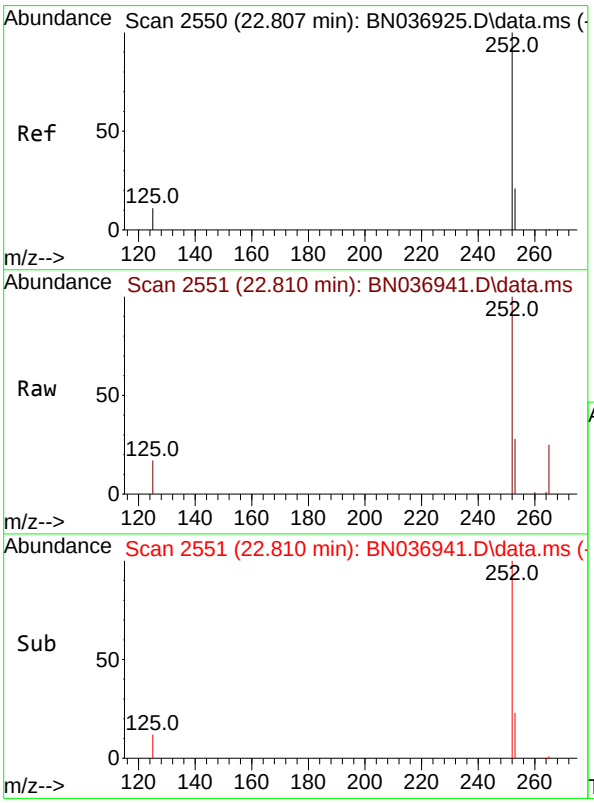
#37
Benzo(b)fluoranthene
Concen: 0.390 ng
RT: 22.766 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN036941.D
Acq: 30 Apr 2025 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 6735

Ion	Ratio	Lower	Upper
252	100		
253	26.7	22.1	33.1
125	16.9	14.2	21.2

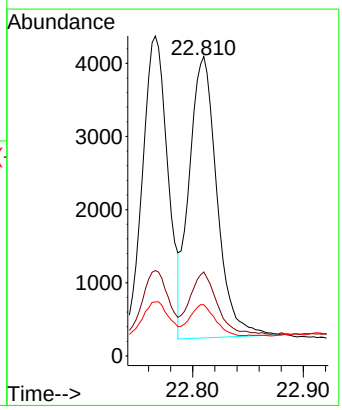


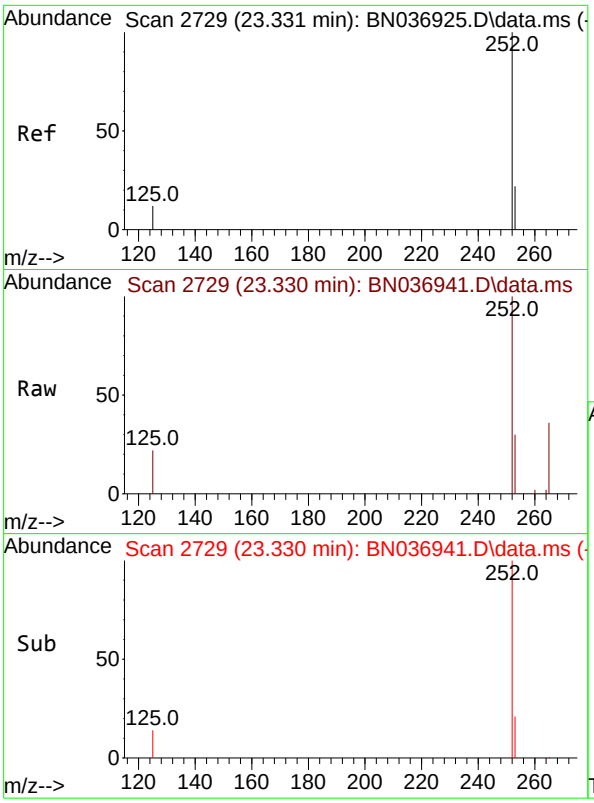


#38
Benzo(k)fluoranthene
Concen: 0.387 ng
RT: 22.810 min Scan# 2551
Delta R.T. 0.003 min
Lab File: BN036941.D
Acq: 30 Apr 2025 10:59

Tgt Ion:252 Resp: 6709

Ion	Ratio	Lower	Upper
252	100		
253	28.0	22.8	34.2
125	17.1	14.2	21.2



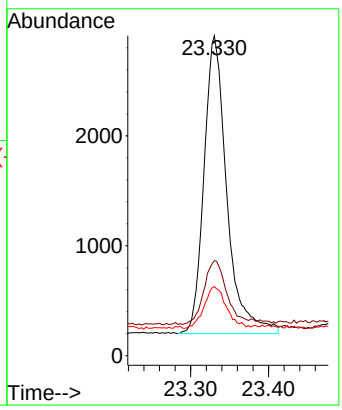


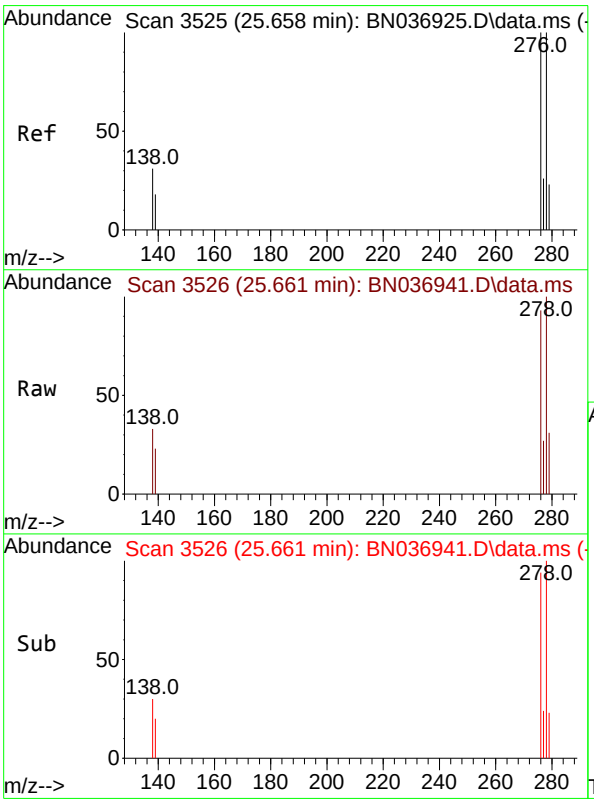
#39
Benzo(a)pyrene
Concen: 0.389 ng
RT: 23.330 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN036941.D
Acq: 30 Apr 2025 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 5522

Ion	Ratio	Lower	Upper
252	100		
253	29.7	25.9	38.9
125	21.6	17.4	26.0

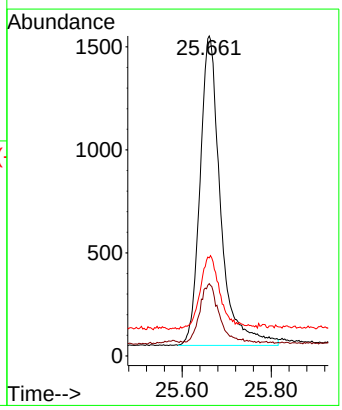


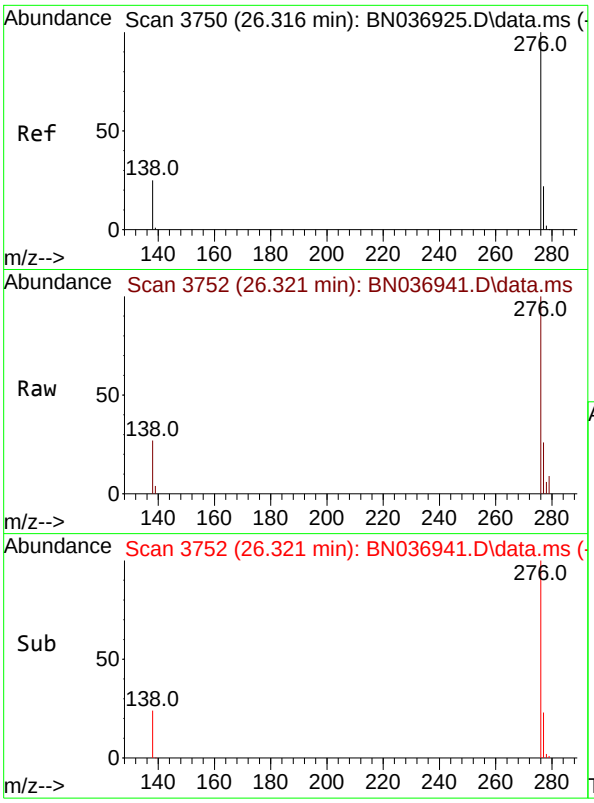


#40
Dibenzo(a,h)anthracene
Concen: 0.364 ng
RT: 25.661 min Scan# 3526
Delta R.T. 0.003 min
Lab File: BN036941.D
Acq: 30 Apr 2025 10:59

Tgt Ion:278 Resp: 4805

Ion	Ratio	Lower	Upper
278	100		
139	22.6	17.4	26.2
279	30.7	24.9	37.3





#41
Benzo(g,h,i)perylene
Concen: 0.372 ng
RT: 26.321 min Scan# 3
Delta R.T. 0.006 min
Lab File: BN036941.D
Acq: 30 Apr 2025 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 5438

Ion	Ratio	Lower	Upper
276	100		
277	25.9	20.2	30.2
138	27.2	21.9	32.9