Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050725\
Data File : BN036962.D
Acq On : 07 May 2025 14:34
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: May 07 15:36:45 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	1758	0.400	ng	0.00
7) Naphthalene-d8	10.404	136	4540	0.400	ng	#-0.01
13) Acenaphthene-d10	14.277	164	2519	0.400	ng	0.00
19) Phenanthrene-d10	17.021	188	5025	0.400	ng	0.00
29) Chrysene-d12	21.215	240	4291	0.400	ng	# 0.00
35) Perylene-d12	23.421	264	4049	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.220	112	1867	0.415	ng	0.00
5) Phenol-d6	6.802	99	2287	0.413	ng	0.00
8) Nitrobenzene-d5	8.781	82	1854	0.390	ng	0.00
11) 2-Methylnaphthalene-d10	12.006	152	2485	0.391	ng	0.00
14) 2,4,6-Tribromophenol	15.767	330	448	0.399	ng	0.00
15) 2-Fluorobiphenyl	12.893	172	4874	0.400	ng	0.00
27) Fluoranthene-d10	19.059	212	5220	0.401	ng	0.00
31) Terphenyl-d14	19.663	244	3709	0.366	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.148	88	921	0.420	ng	92
3) n-Nitrosodimethylamine	3.465	42	1834	0.431	ng	92
6) bis(2-Chloroethyl)ether	7.062	93	2028	0.395	ng	98
9) Naphthalene	10.458	128	5306	0.402	ng	98
10) Hexachlorobutadiene	10.746	225	1138	0.398	ng	# 95
12) 2-Methylnaphthalene	12.082	142	3368	0.394	ng	99
16) Acenaphthylene	13.989	152	4783	0.389	ng	99
17) Acenaphthene	14.331	154	3125	0.386	ng	98
18) Fluorene	15.325	166	4106	0.388	ng	99
20) 4,6-Dinitro-2-methylph...	15.410	198	462	0.347	ng	# 81
21) 4-Bromophenyl-phenylether	16.227	248	1253	0.374	ng	99
22) Hexachlorobenzene	16.338	284	1421	0.387	ng	97
23) Atrazine	16.500	200	1028	0.380	ng	99
24) Pentachlorophenol	16.673	266	722	0.366	ng	99
25) Phenanthrene	17.058	178	6468	0.390	ng	100
26) Anthracene	17.157	178	5656	0.377	ng	99
28) Fluoranthene	19.086	202	7441	0.400	ng	99
30) Pyrene	19.449	202	7469	0.361	ng	99
32) Benzo(a)anthracene	21.197	228	6249	0.395	ng	98
33) Chrysene	21.251	228	7096	0.416	ng	99
34) Bis(2-ethylhexyl)phtha...	21.144	149	3725	0.414	ng	99
36) Indeno(1,2,3-cd)pyrene	25.643	276	6293	0.381	ng	99
37) Benzo(b)fluoranthene	22.760	252	6509	0.382	ng	99
38) Benzo(k)fluoranthene	22.804	252	6468	0.378	ng	98
39) Benzo(a)pyrene	23.327	252	5458	0.390	ng	96
40) Dibenzo(a,h)anthracene	25.655	278	4893	0.376	ng	99
41) Benzo(g,h,i)perylene	26.313	276	5553	0.384	ng	100

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

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Quant Time: May 07 15:36:45 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 15:35:03 2025
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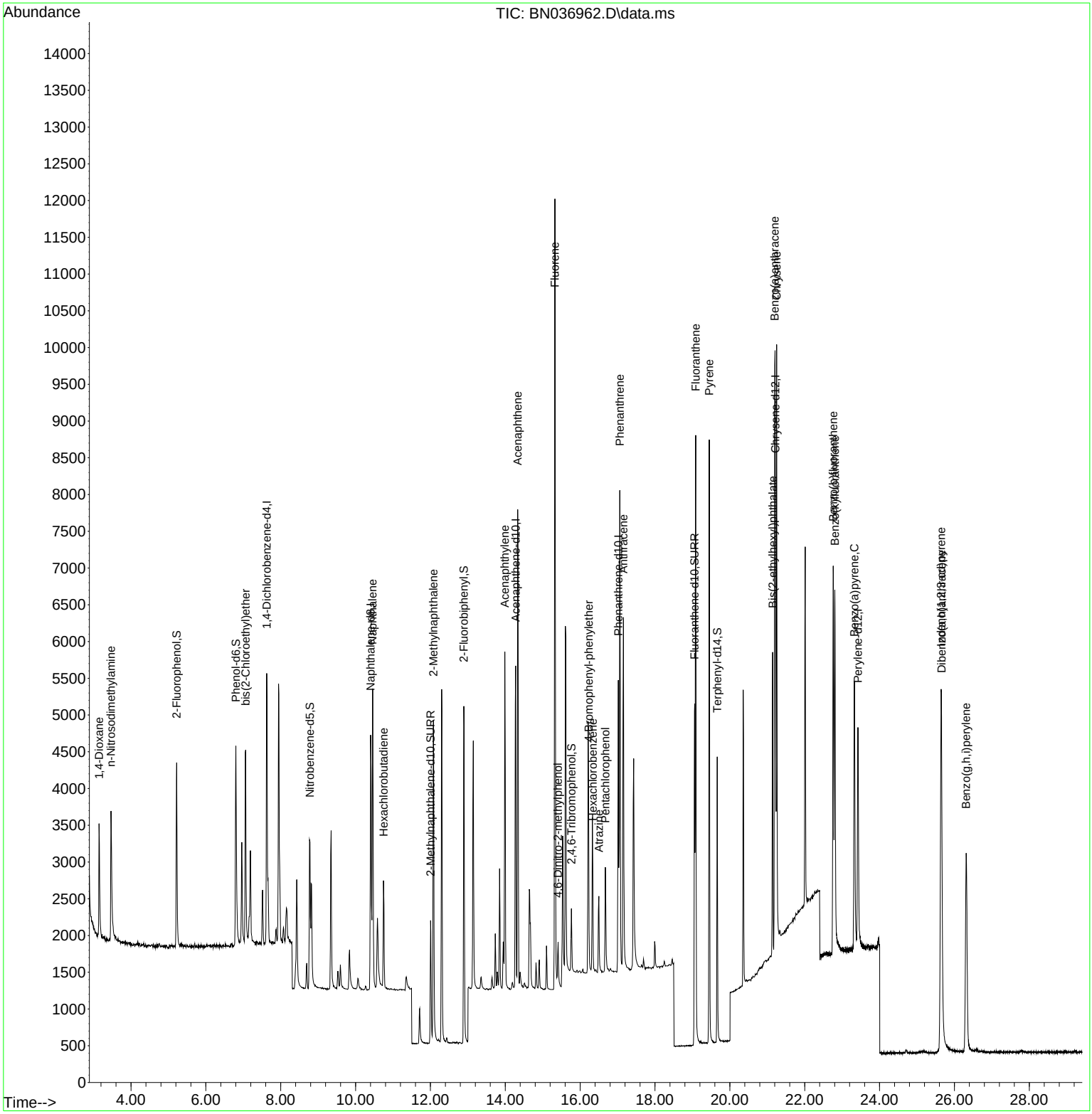
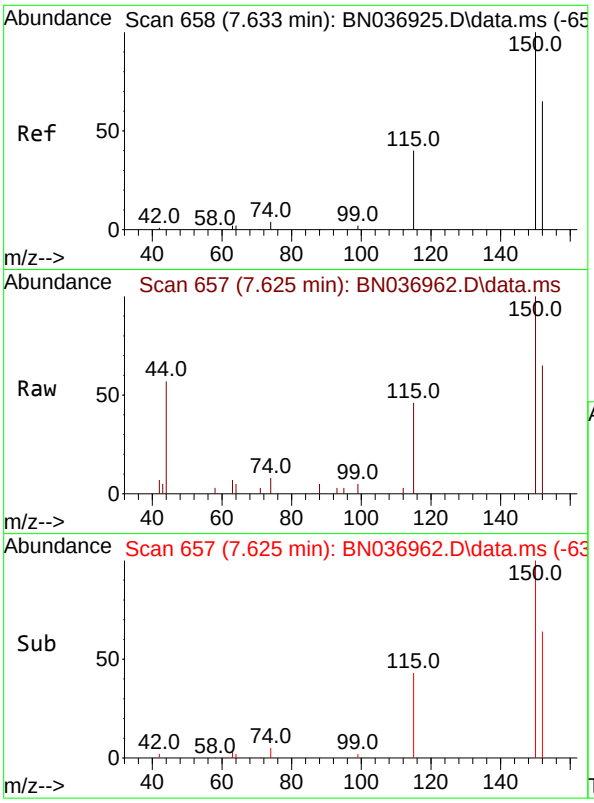


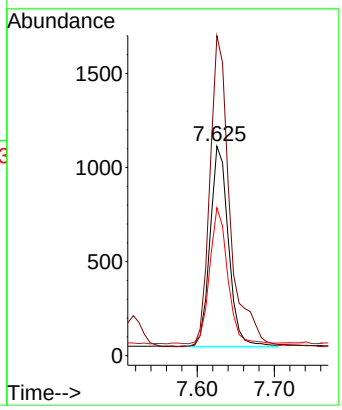


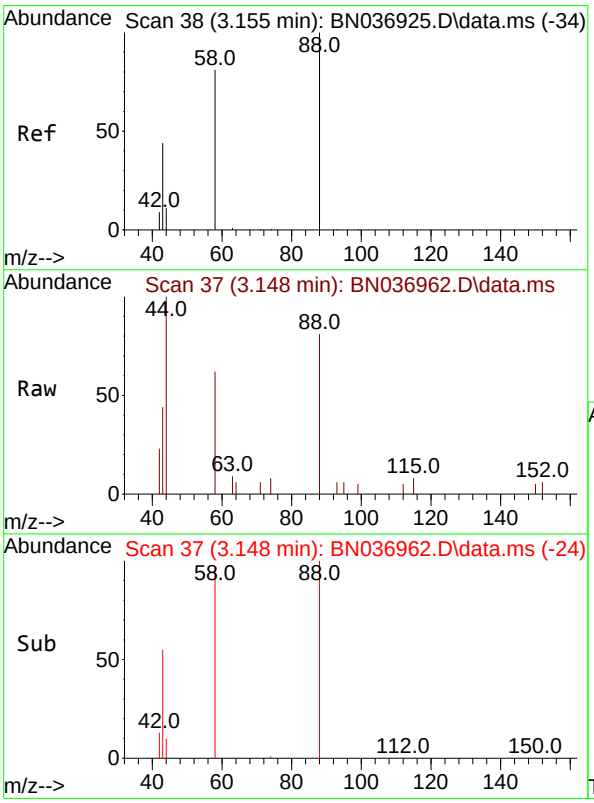
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.625 min Scan# 6
Delta R.T. -0.008 min
Lab File: BN036962.D
Acq: 07 May 2025 14:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 1758

Ion	Ratio	Lower	Upper
152	100		
150	152.8	121.1	181.7
115	70.7	51.8	77.6

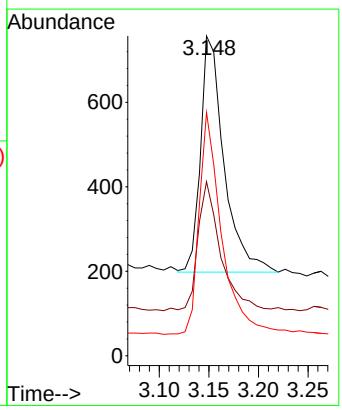


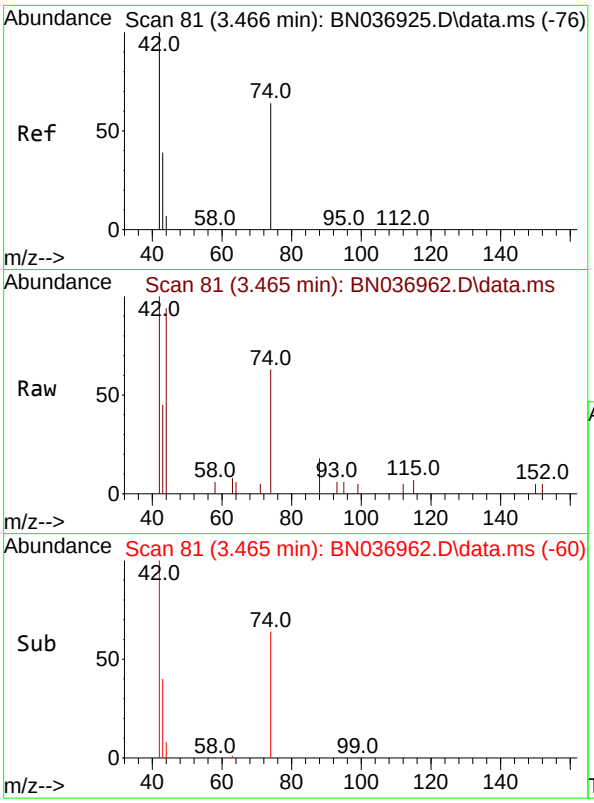


#2
1,4-Dioxane
Concen: 0.420 ng
RT: 3.148 min Scan# 37
Delta R.T. -0.007 min
Lab File: BN036962.D
Acq: 07 May 2025 14:34

Tgt Ion: 88 Resp: 921

Ion	Ratio	Lower	Upper
88	100		
43	52.9	37.9	56.9
58	89.9	65.8	98.6



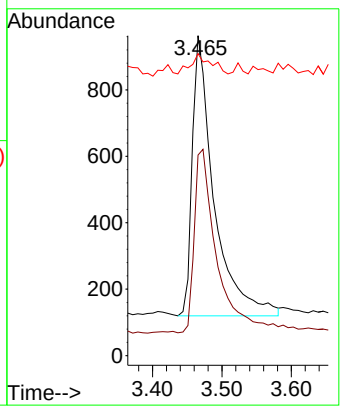


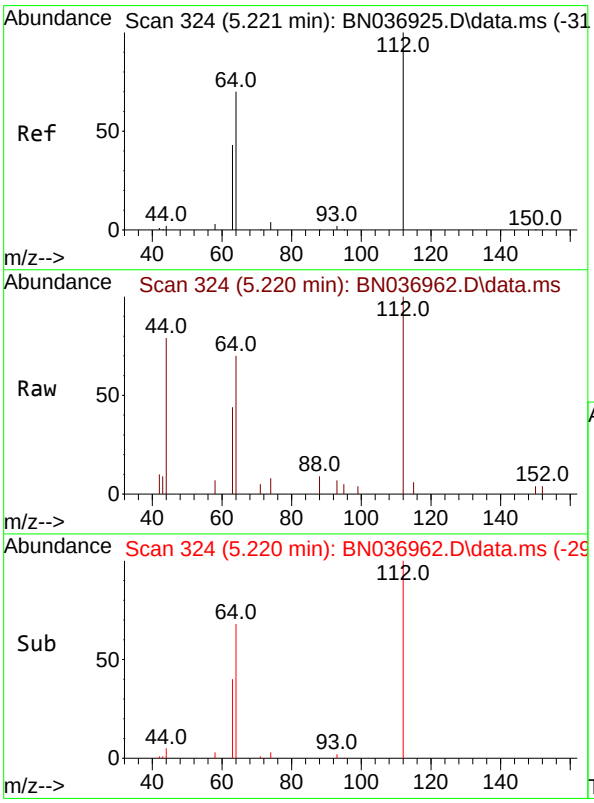
#3
n-Nitrosodimethylamine
Concen: 0.431 ng
RT: 3.465 min Scan# 8
Delta R.T. -0.000 min
Lab File: BN036962.D
Acq: 07 May 2025 14:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 1834

Ion	Ratio	Lower	Upper
42	100		
74	67.9	59.9	89.9
44	8.0	7.5	11.3

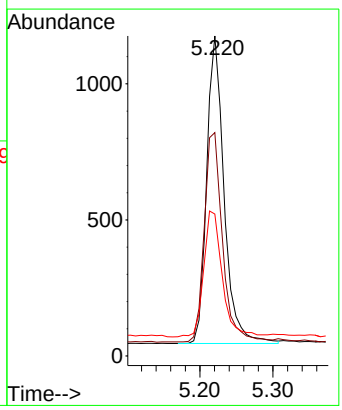


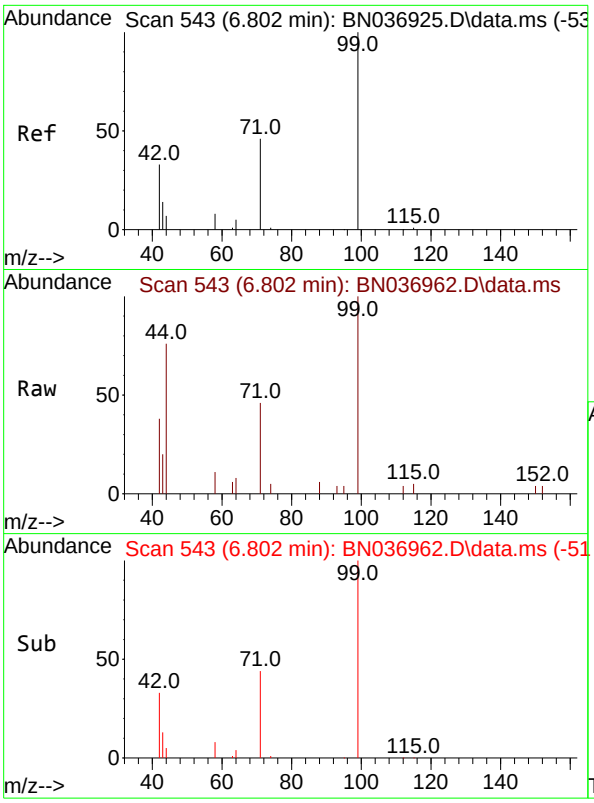


#4
2-Fluorophenol
Concen: 0.415 ng
RT: 5.220 min Scan# 324
Delta R.T. -0.000 min
Lab File: BN036962.D
Acq: 07 May 2025 14:34

Tgt Ion:112 Resp: 1867

Ion	Ratio	Lower	Upper
112	100		
64	71.3	55.7	83.5
63	43.7	33.9	50.9



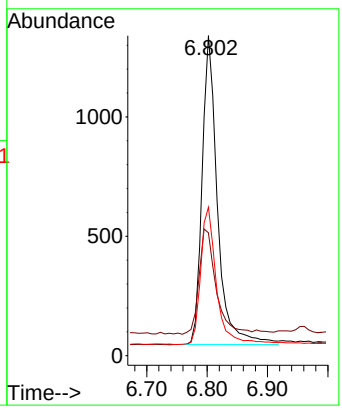


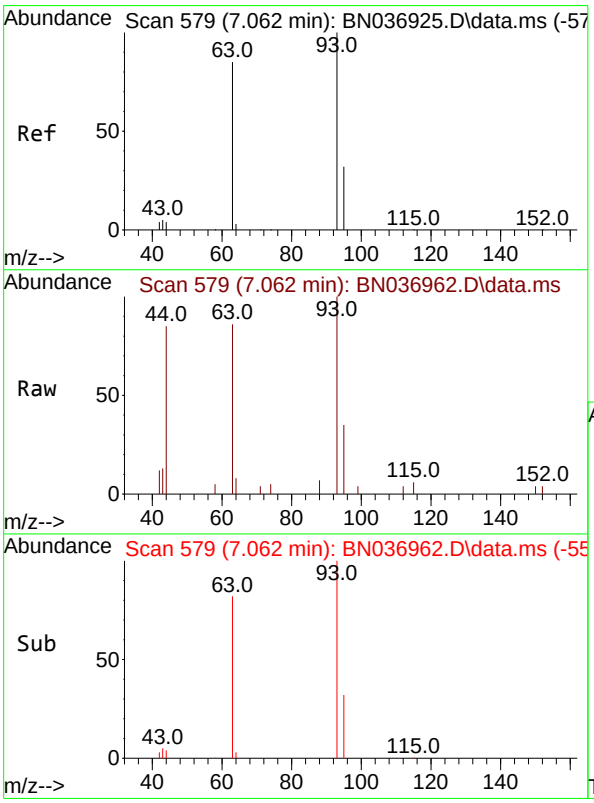
#5
Phenol-d6
Concen: 0.413 ng
RT: 6.802 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN036962.D
Acq: 07 May 2025 14:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 2287

Ion	Ratio	Lower	Upper
99	100		
42	37.3	29.6	44.4
71	46.7	36.0	54.0

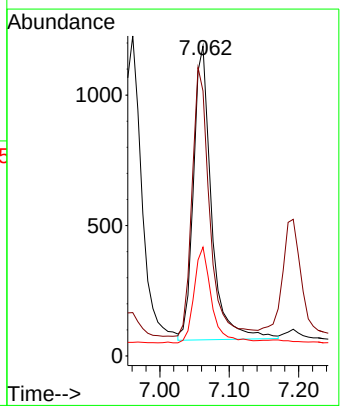


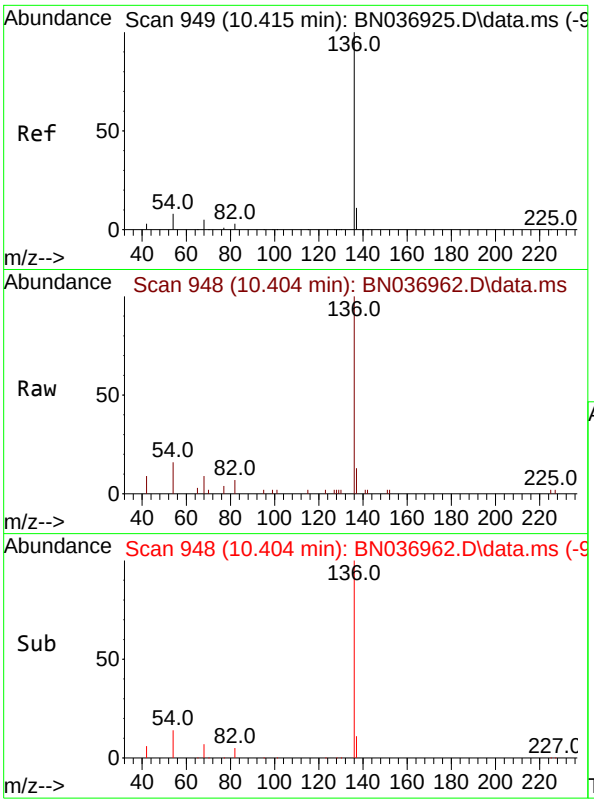


#6
bis(2-Chloroethyl)ether
Concen: 0.395 ng
RT: 7.062 min Scan# 579
Delta R.T. -0.000 min
Lab File: BN036962.D
Acq: 07 May 2025 14:34

Tgt Ion: 93 Resp: 2028

Ion	Ratio	Lower	Upper
93	100		
63	89.3	69.0	103.6
95	31.7	25.4	38.0



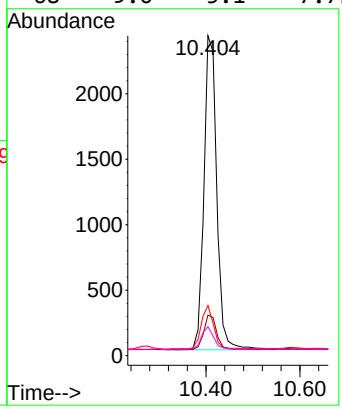


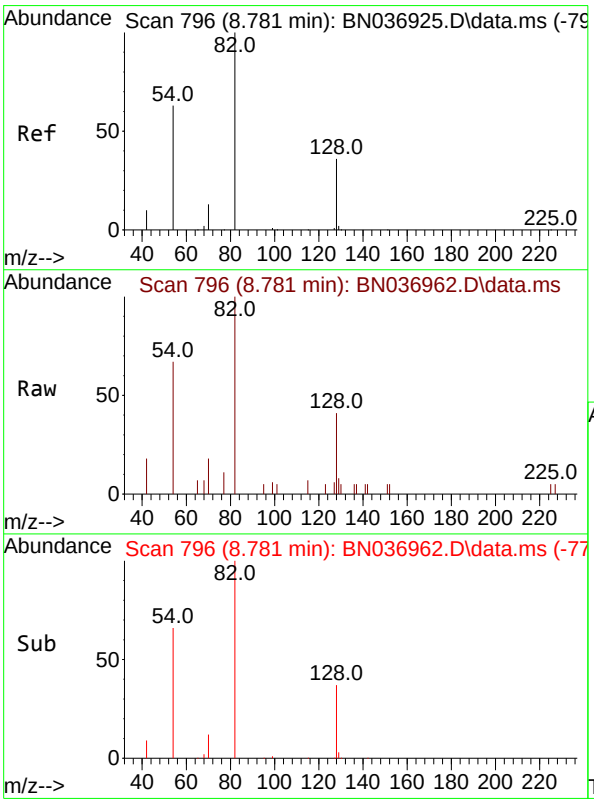
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.404 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN036962.D
Acq: 07 May 2025 14:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 4540

Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.7	14.5
54	15.6	8.0	12.0#
68	9.0	5.1	7.7#

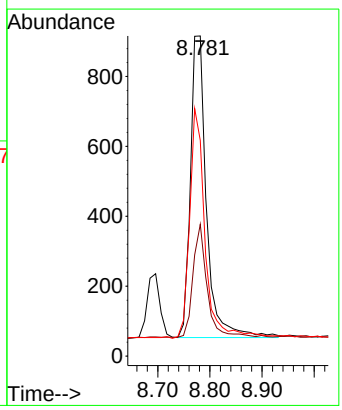


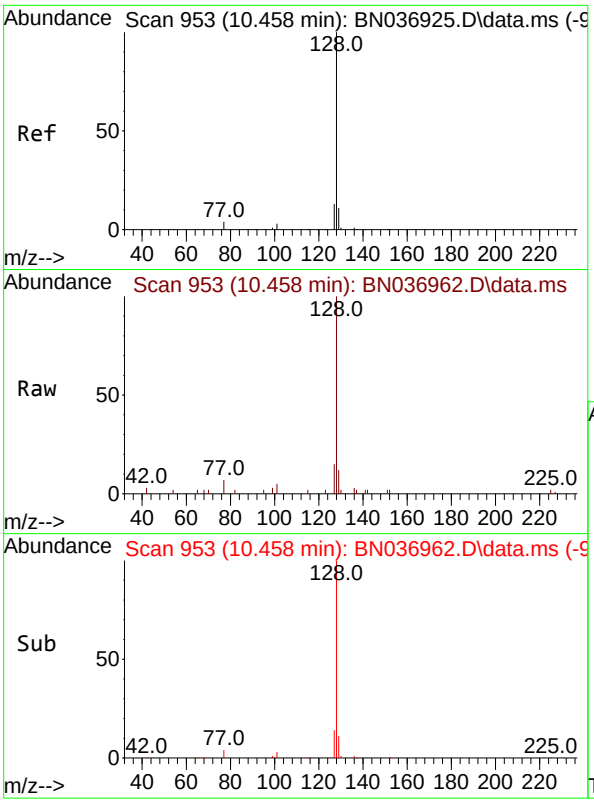


#8
Nitrobenzene-d5
Concen: 0.390 ng
RT: 8.781 min Scan# 796
Delta R.T. -0.000 min
Lab File: BN036962.D
Acq: 07 May 2025 14:34

Tgt Ion: 82 Resp: 1854

Ion	Ratio	Lower	Upper
82	100		
128	41.2	30.7	46.1
54	67.4	52.1	78.1



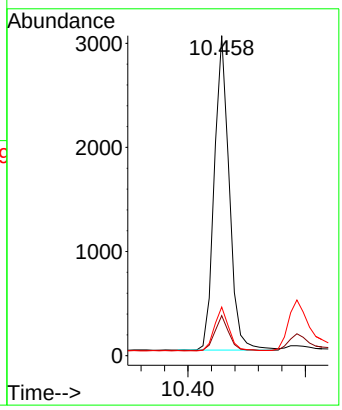


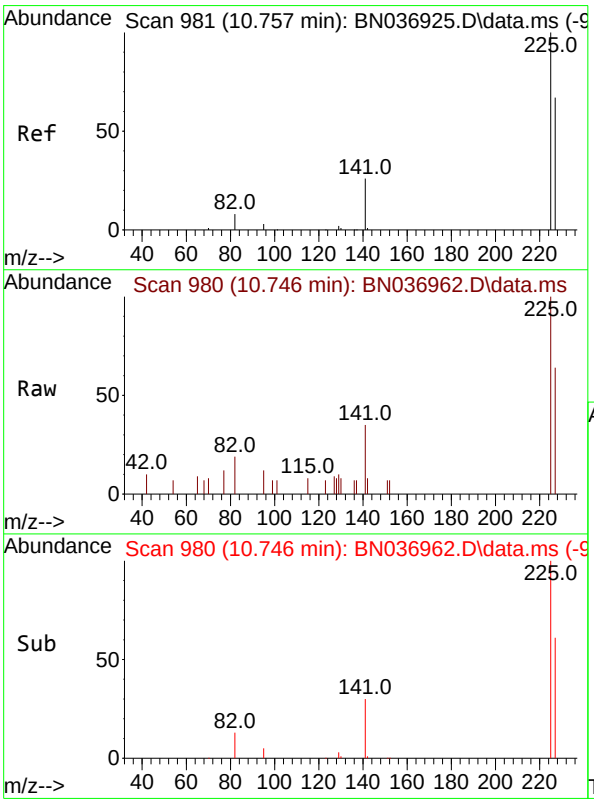
#9
Naphthalene
Concen: 0.402 ng
RT: 10.458 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN036962.D
Acq: 07 May 2025 14:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 5306

Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.8	14.6
127	15.2	11.4	17.2

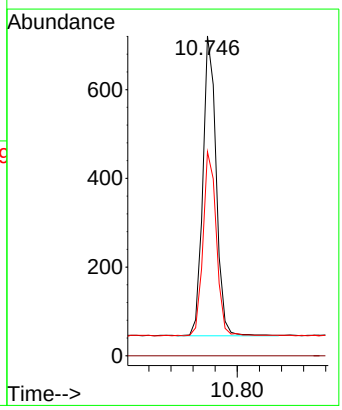


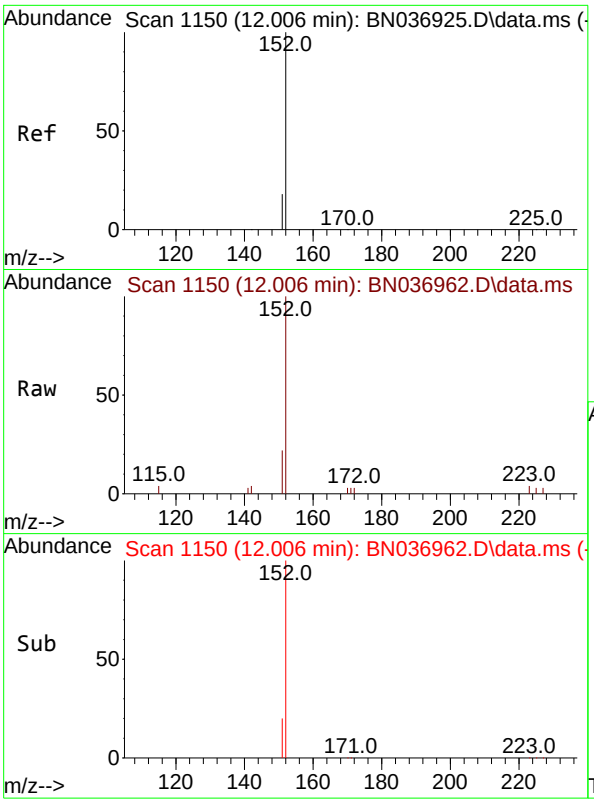


#10
Hexachlorobutadiene
Concen: 0.398 ng
RT: 10.746 min Scan# 980
Delta R.T. -0.011 min
Lab File: BN036962.D
Acq: 07 May 2025 14:34

Tgt Ion:225 Resp: 1138

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



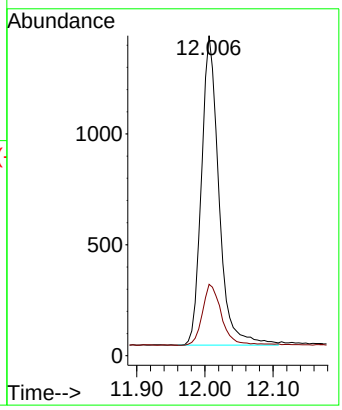


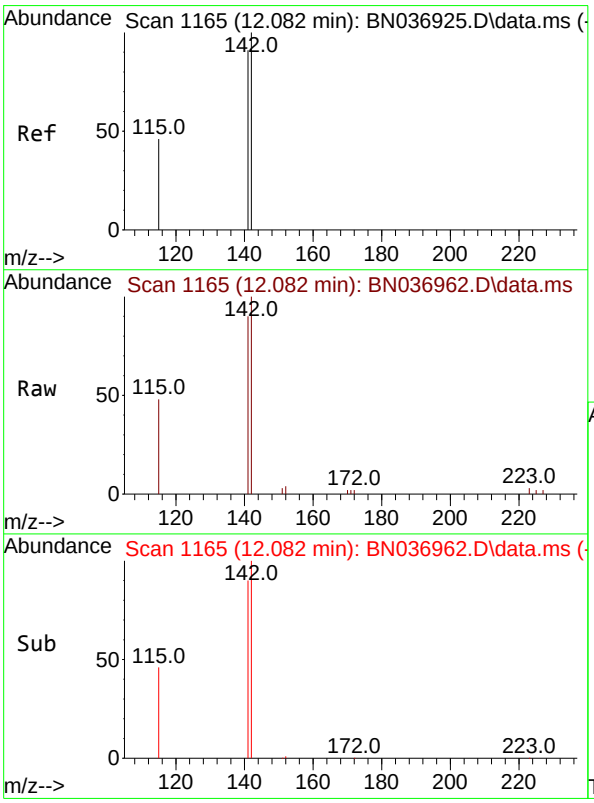
#11
2-Methylnaphthalene-d10
Concen: 0.391 ng
RT: 12.006 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN036962.D
Acq: 07 May 2025 14:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 2485

Ion	Ratio	Lower	Upper
152	100		
151	22.1	16.9	25.3

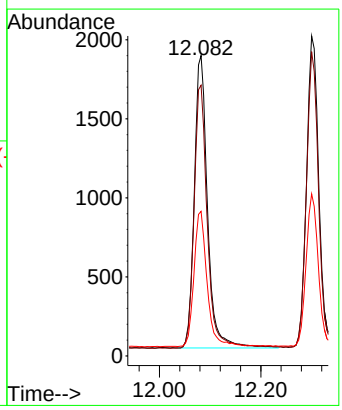


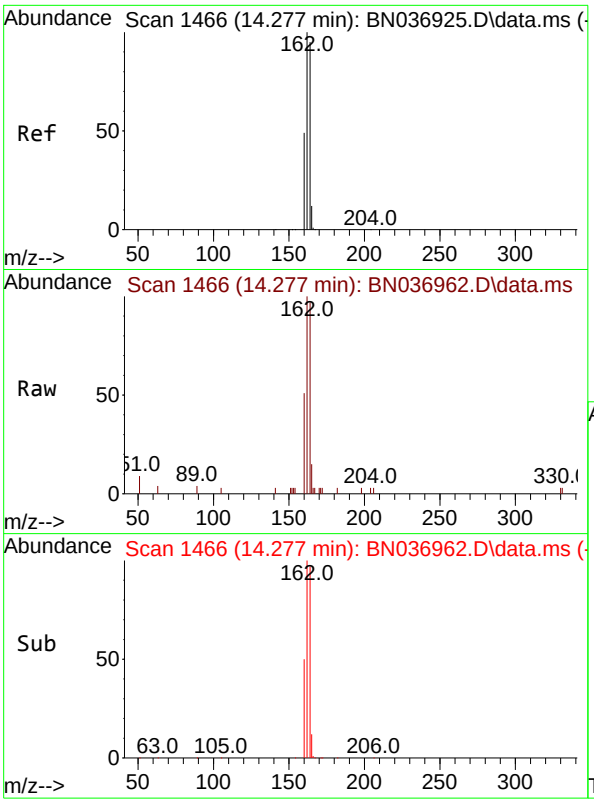


#12
2-Methylnaphthalene
Concen: 0.394 ng
RT: 12.082 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BN036962.D
Acq: 07 May 2025 14:34

Tgt Ion:142 Resp: 3368

Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.8	109.2
115	48.1	38.2	57.4



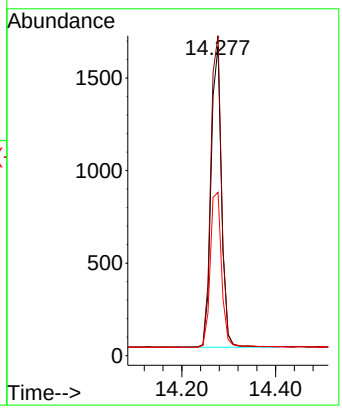


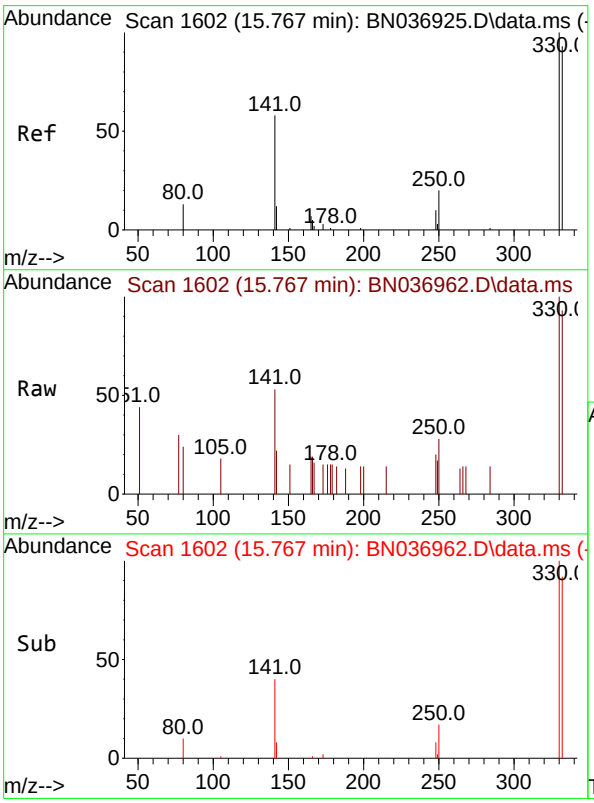
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.277 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN036962.D
Acq: 07 May 2025 14:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 2519

Ion	Ratio	Lower	Upper
164	100		
162	103.5	83.8	125.8
160	52.8	42.0	63.0

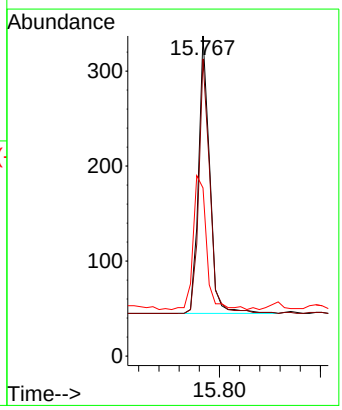


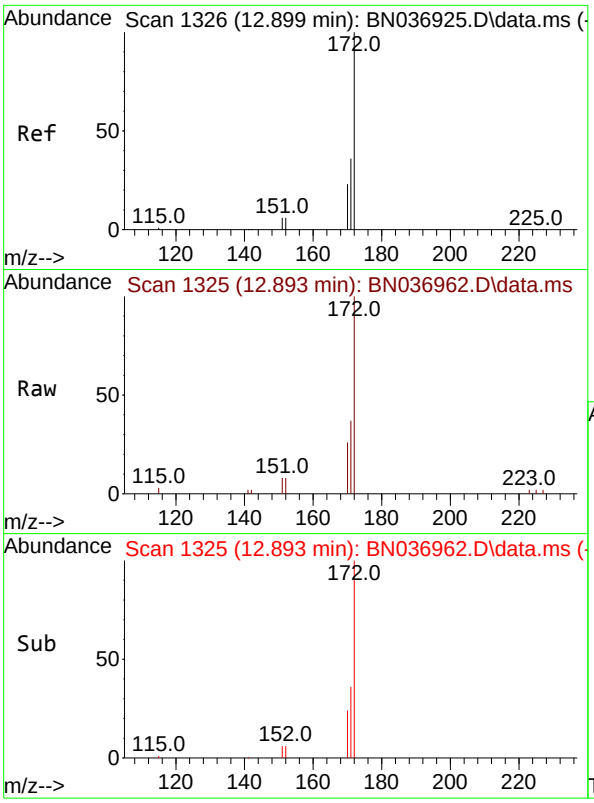


#14
2,4,6-Tribromophenol
Concen: 0.399 ng
RT: 15.767 min Scan# 1602
Delta R.T. -0.000 min
Lab File: BN036962.D
Acq: 07 May 2025 14:34

Tgt Ion:330 Resp: 448

Ion	Ratio	Lower	Upper
330	100		
332	91.7	76.3	114.5
141	57.6	45.4	68.2



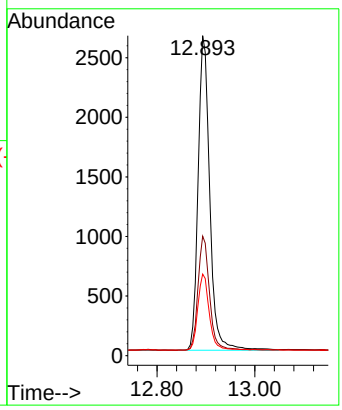


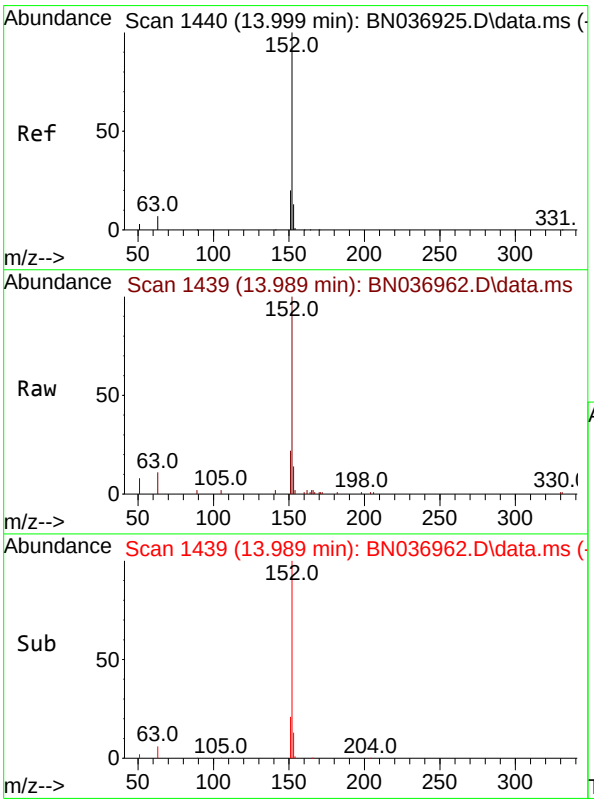
#15
2-Fluorobiphenyl
Concen: 0.400 ng
RT: 12.893 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN036962.D
Acq: 07 May 2025 14:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 4874

Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.4	44.0
170	25.5	19.4	29.0

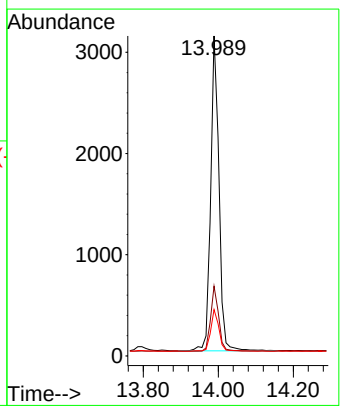


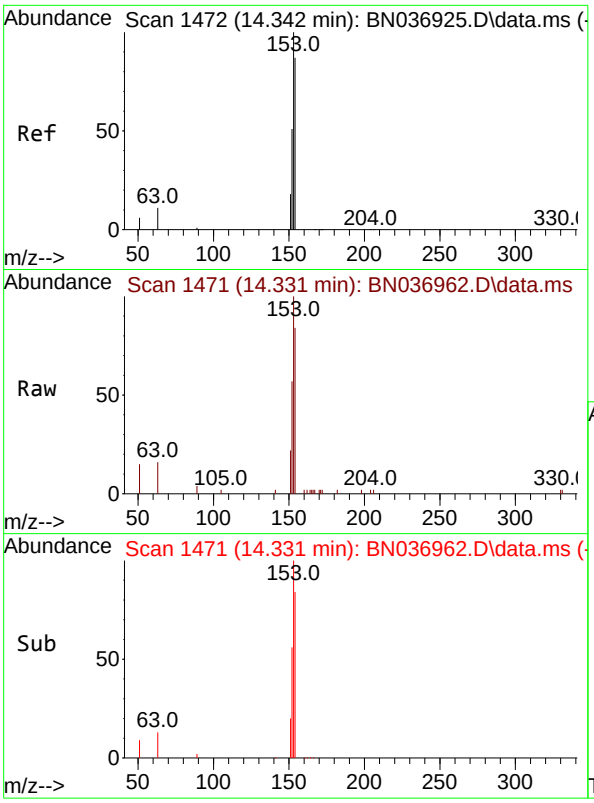


#16
Acenaphthylene
Concen: 0.389 ng
RT: 13.989 min Scan# 1439
Delta R.T. -0.011 min
Lab File: BN036962.D
Acq: 07 May 2025 14:34

Tgt Ion:152 Resp: 4783

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.0	24.0
153	13.2	10.2	15.2



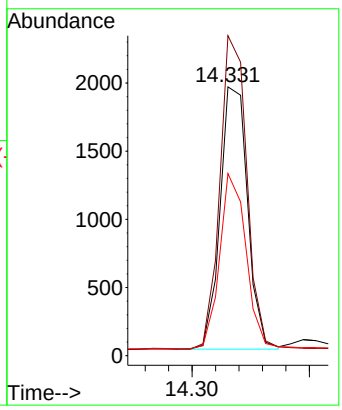


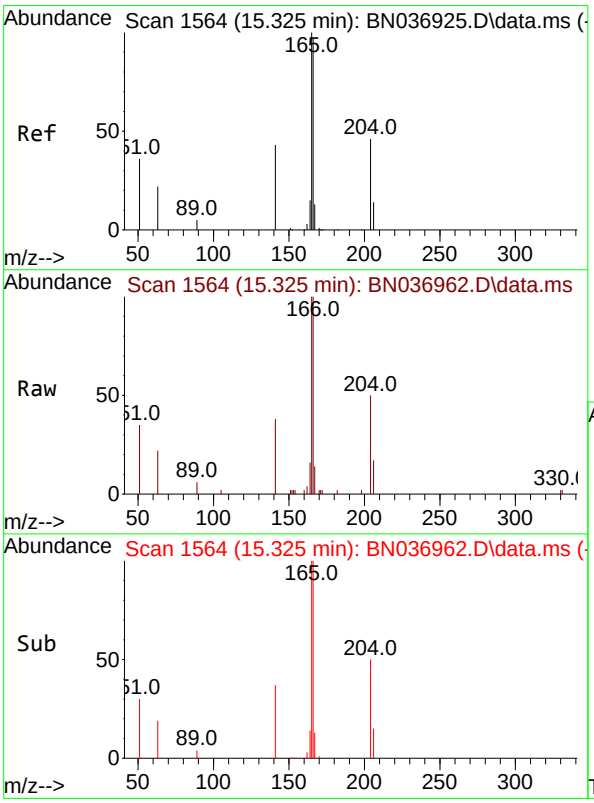
#17
Acenaphthene
Concen: 0.386 ng
RT: 14.331 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN036962.D
Acq: 07 May 2025 14:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 3125

Ion	Ratio	Lower	Upper
154	100		
153	117.9	93.4	140.2
152	65.7	49.5	74.3

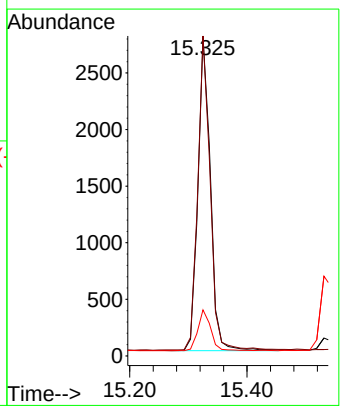


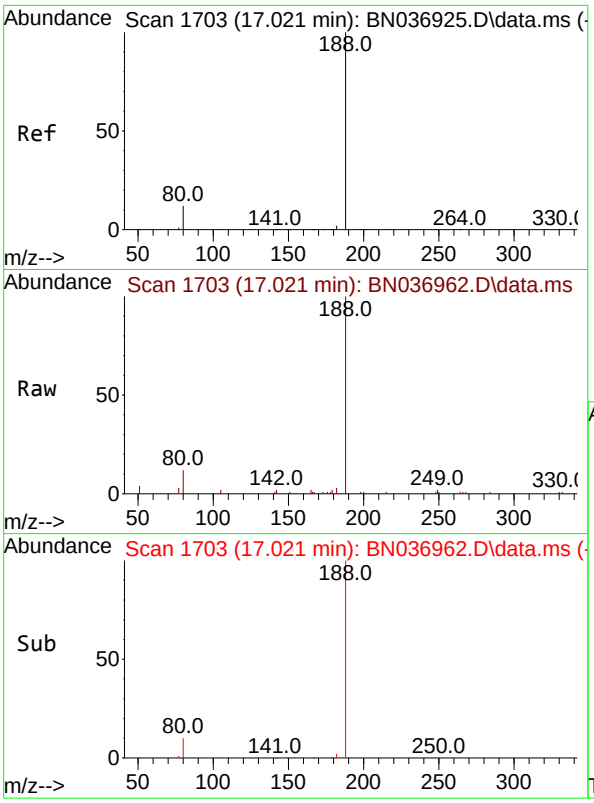


#18
Fluorene
Concen: 0.388 ng
RT: 15.325 min Scan# 1564
Delta R.T. -0.000 min
Lab File: BN036962.D
Acq: 07 May 2025 14:34

Tgt Ion:166 Resp: 4106

Ion	Ratio	Lower	Upper
166	100		
165	99.6	80.8	121.2
167	13.4	10.8	16.2



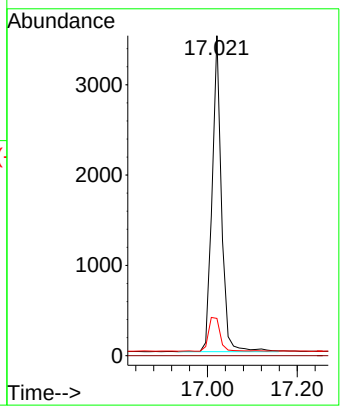


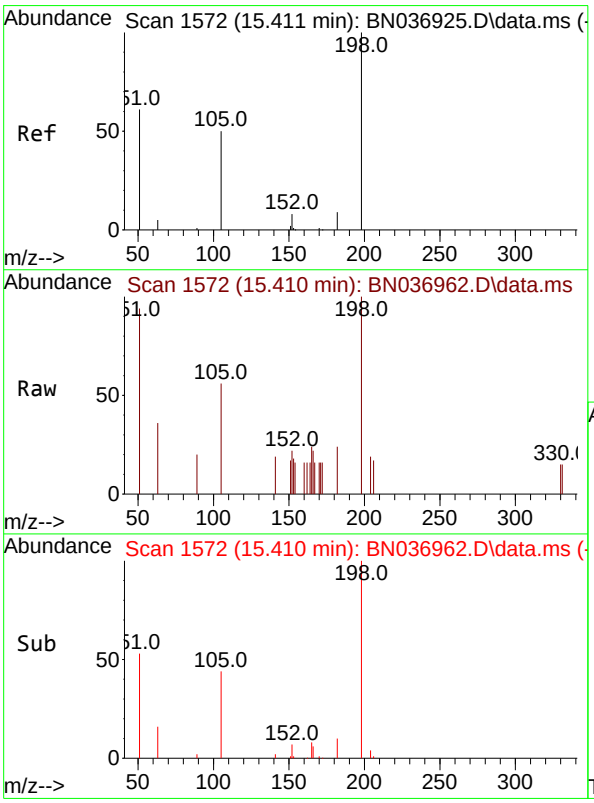
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.021 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN036962.D
Acq: 07 May 2025 14:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 5025

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.7	10.7	16.1

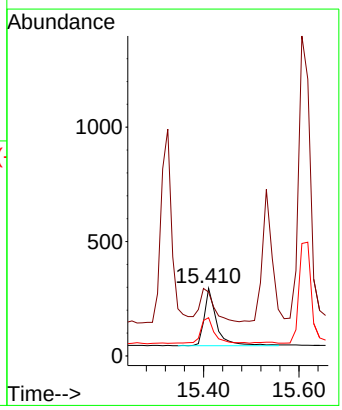


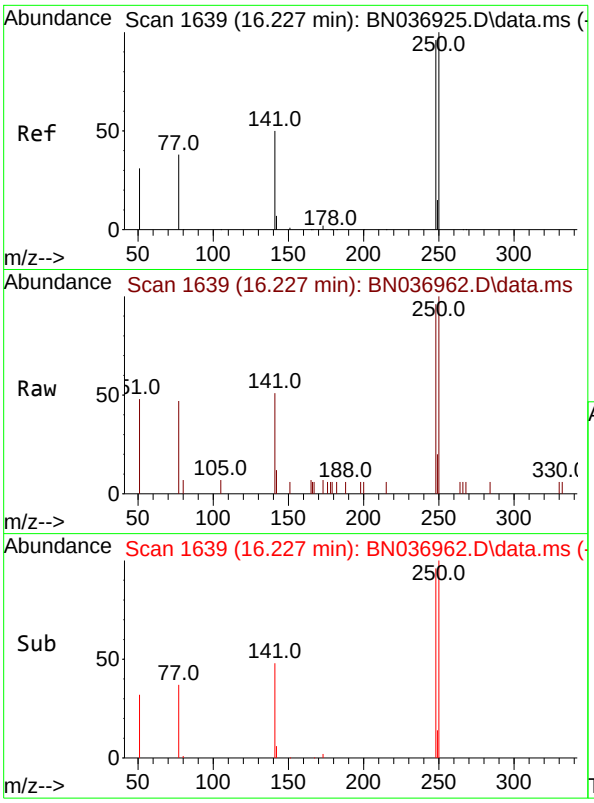


#20
4,6-Dinitro-2-methylphenol
Concen: 0.347 ng
RT: 15.410 min Scan# 1572
Delta R.T. -0.001 min
Lab File: BN036962.D
Acq: 07 May 2025 14:34

Tgt Ion:198 Resp: 462

Ion	Ratio	Lower	Upper
198	100		
51	94.3	97.9	146.9#
105	56.4	50.0	75.0



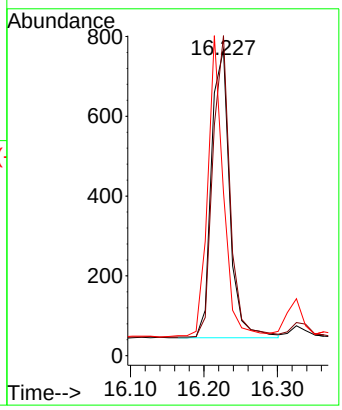


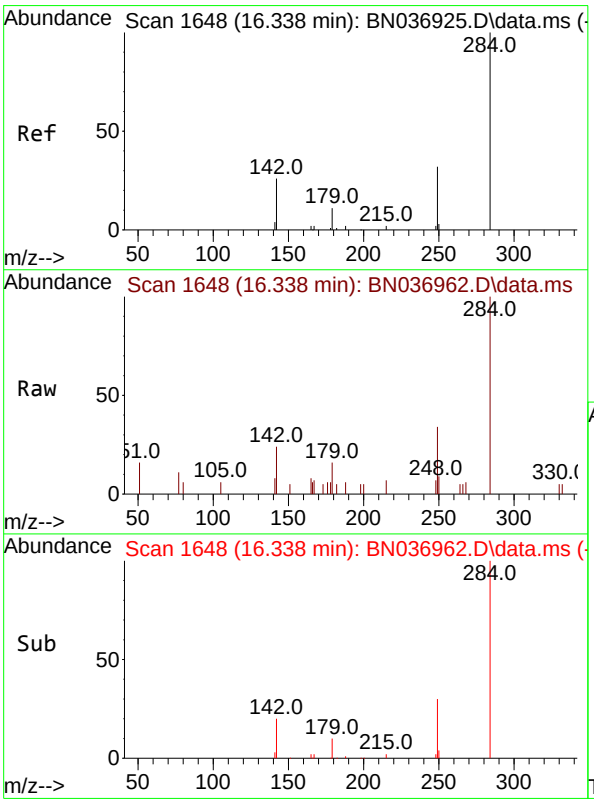
#21
4-Bromophenyl-phenylether
Concen: 0.374 ng
RT: 16.227 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN036962.D
Acq: 07 May 2025 14:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:248 Resp: 1253

Ion	Ratio	Lower	Upper
248	100		
250	104.6	83.7	125.5
141	53.5	43.8	65.8

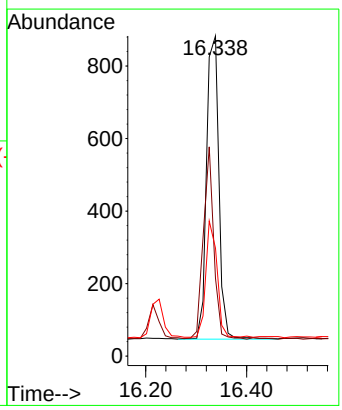


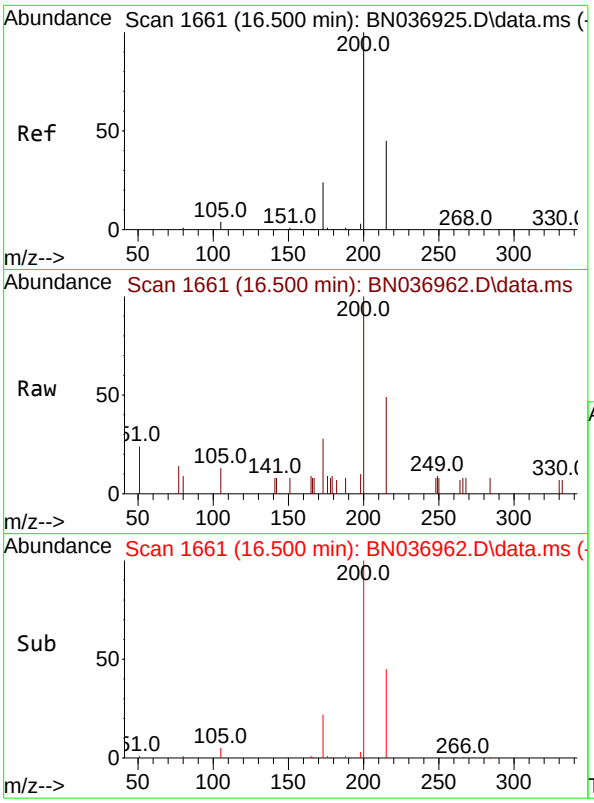


#22
Hexachlorobenzene
Concen: 0.387 ng
RT: 16.338 min Scan# 1648
Delta R.T. -0.000 min
Lab File: BN036962.D
Acq: 07 May 2025 14:34

Tgt Ion:284 Resp: 1421

Ion	Ratio	Lower	Upper
284	100		
142	53.8	40.0	60.0
249	35.0	28.2	42.2



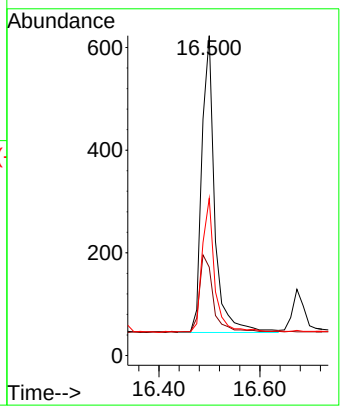


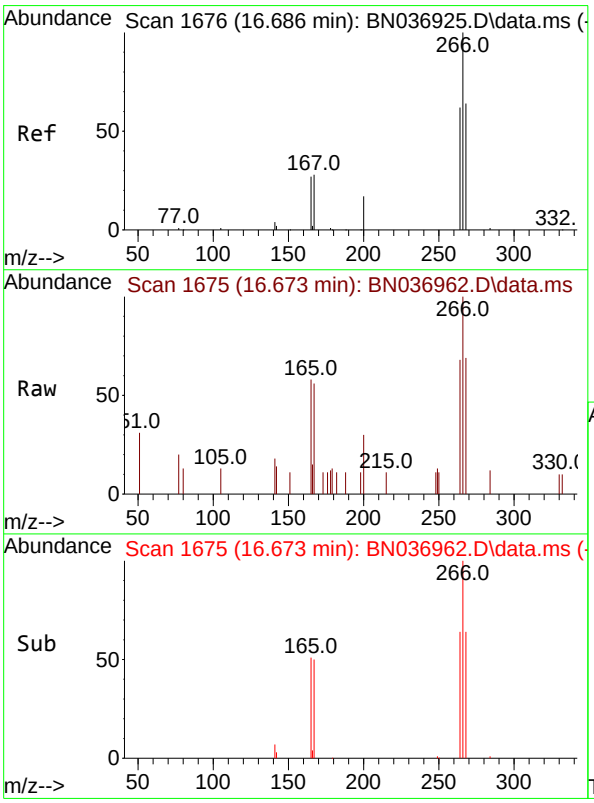
#23
Atrazine
Concen: 0.380 ng
RT: 16.500 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN036962.D
Acq: 07 May 2025 14:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:200 Resp: 1028

Ion	Ratio	Lower	Upper
200	100		
173	27.6	22.4	33.6
215	49.1	38.6	57.8

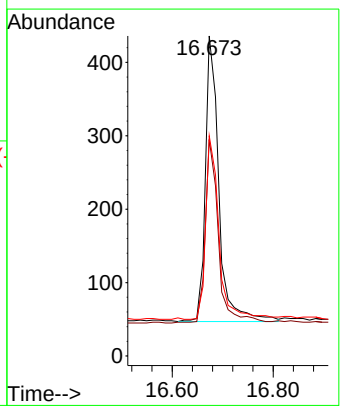


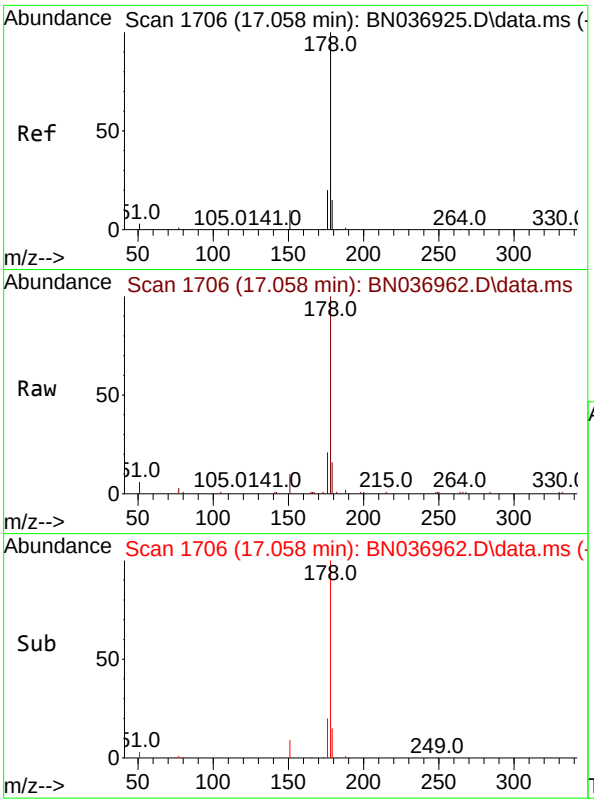


#24
Pentachlorophenol
Concen: 0.366 ng
RT: 16.673 min Scan# 1675
Delta R.T. -0.013 min
Lab File: BN036962.D
Acq: 07 May 2025 14:34

Tgt Ion:266 Resp: 722

Ion	Ratio	Lower	Upper
266	100		
264	62.5	49.9	74.9
268	63.7	52.2	78.4



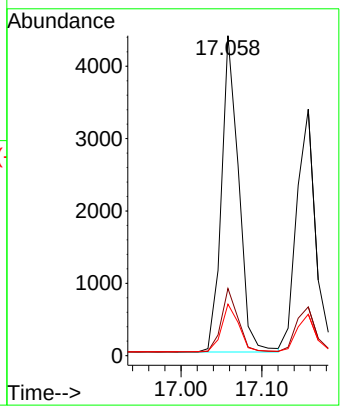


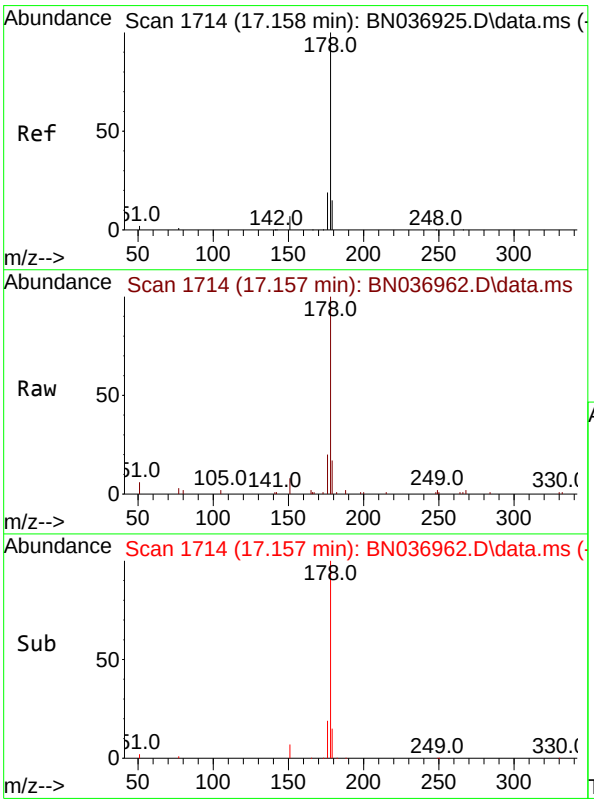
#25
Phenanthrene
Concen: 0.390 ng
RT: 17.058 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN036962.D
Acq: 07 May 2025 14:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 6468

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.7	23.5
179	15.7	12.4	18.6

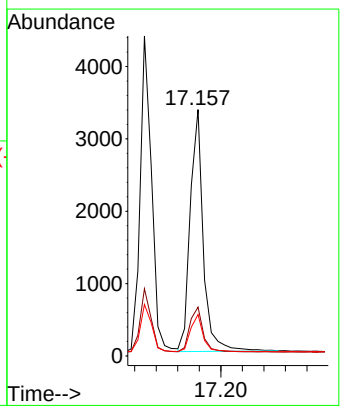


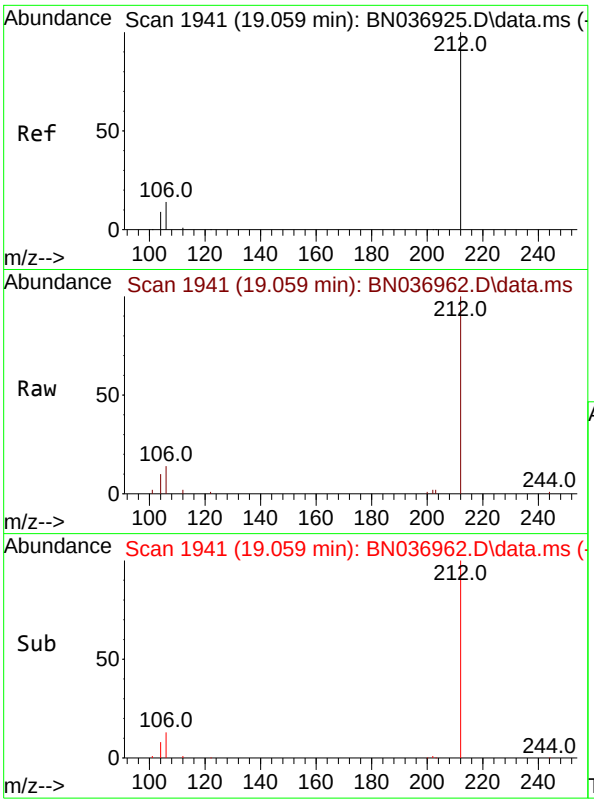


#26
Anthracene
Concen: 0.377 ng
RT: 17.157 min Scan# 1714
Delta R.T. -0.000 min
Lab File: BN036962.D
Acq: 07 May 2025 14:34

Tgt Ion:178 Resp: 5656

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	14.6	12.1	18.1



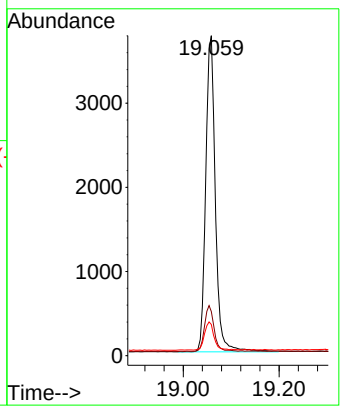


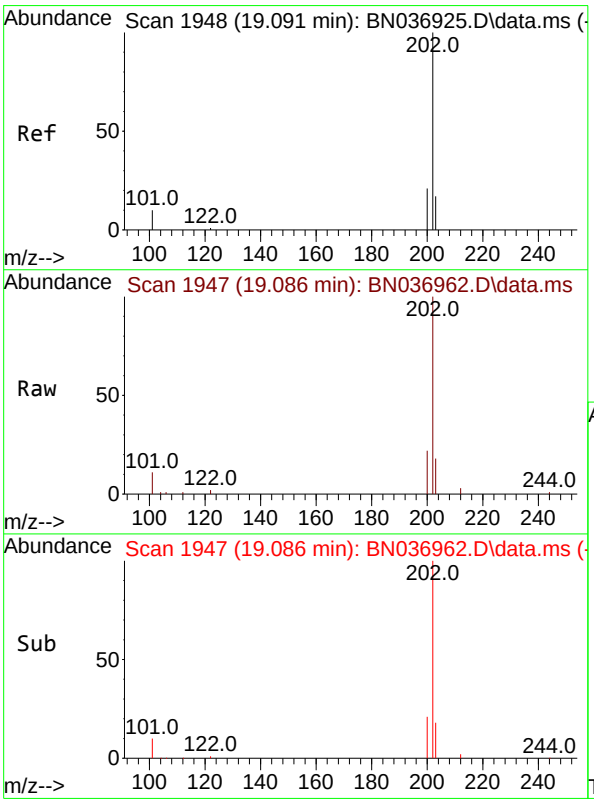
#27
Fluoranthene-d10
Concen: 0.401 ng
RT: 19.059 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN036962.D
Acq: 07 May 2025 14:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 5220

Ion	Ratio	Lower	Upper
212	100		
106	14.3	11.6	17.4
104	8.7	7.0	10.4

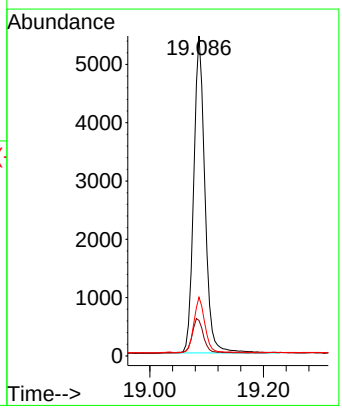


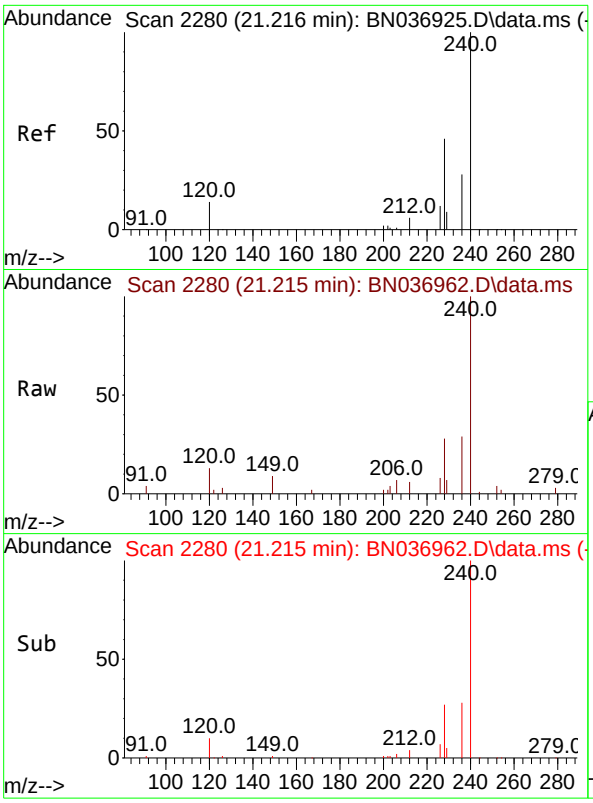


#28
Fluoranthene
Concen: 0.400 ng
RT: 19.086 min Scan# 1947
Delta R.T. -0.005 min
Lab File: BN036962.D
Acq: 07 May 2025 14:34

Tgt Ion:202 Resp: 7441

Ion	Ratio	Lower	Upper
202	100		
101	11.2	8.5	12.7
203	17.3	13.7	20.5



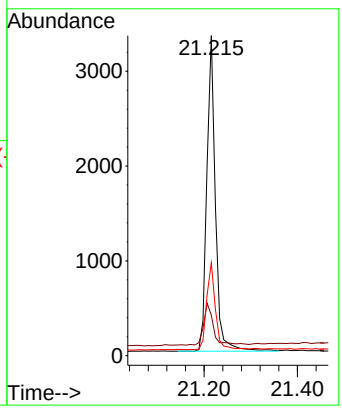


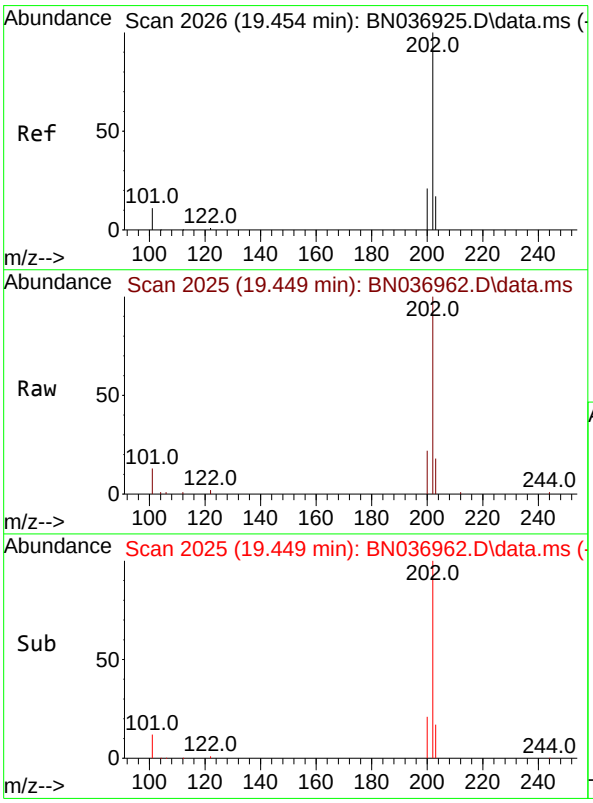
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.215 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN036962.D
Acq: 07 May 2025 14:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 4291

Ion	Ratio	Lower	Upper
240	100		
120	12.7	14.1	21.1#
236	29.0	23.8	35.8

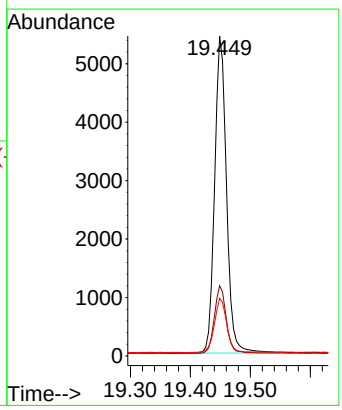


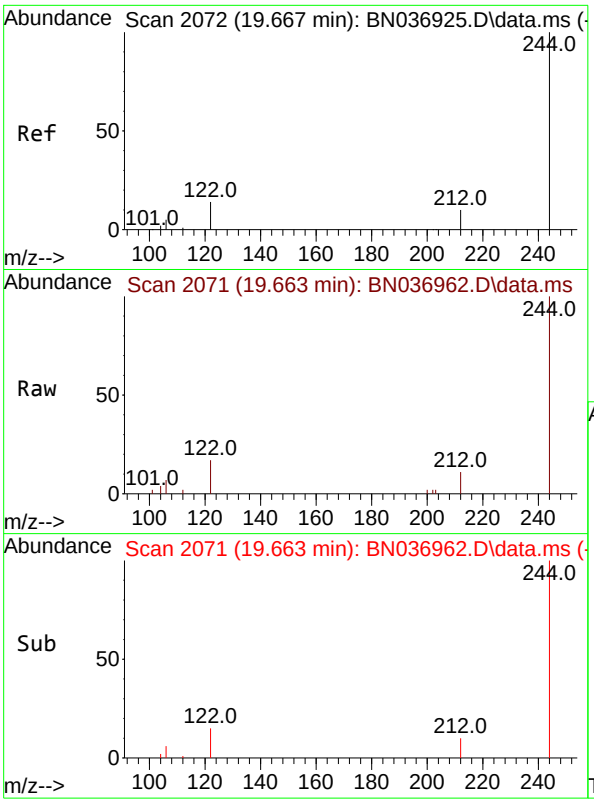


#30
Pyrene
Concen: 0.361 ng
RT: 19.449 min Scan# 2025
Delta R.T. -0.005 min
Lab File: BN036962.D
Acq: 07 May 2025 14:34

Tgt Ion:202 Resp: 7469

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.6
203	17.9	14.0	21.0



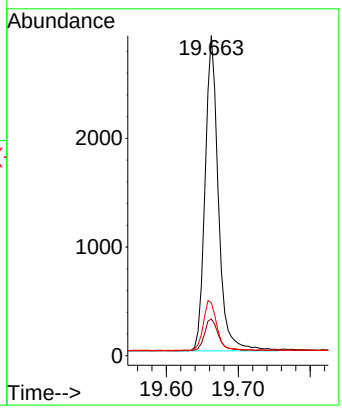


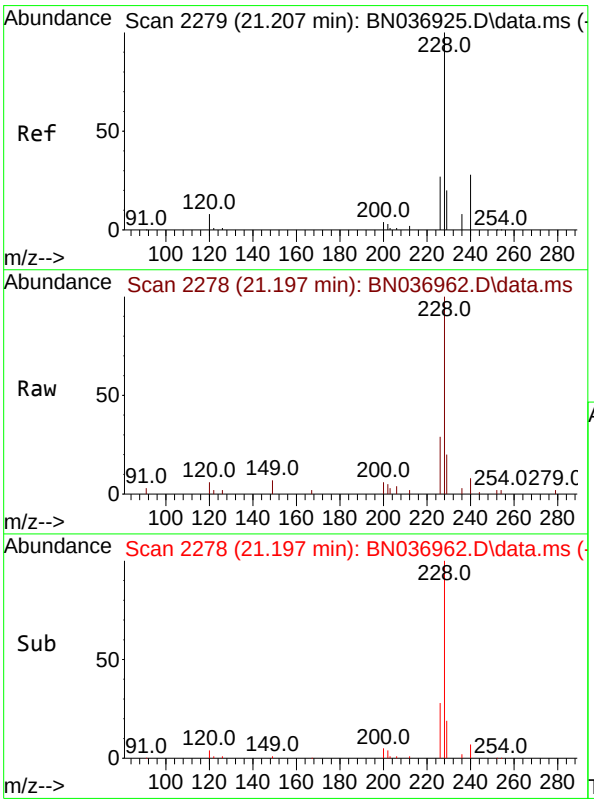
#31
Terphenyl-d14
Concen: 0.366 ng
RT: 19.663 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN036962.D
Acq: 07 May 2025 14:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 3709

Ion	Ratio	Lower	Upper
244	100		
212	11.5	9.6	14.4
122	16.6	12.7	19.1

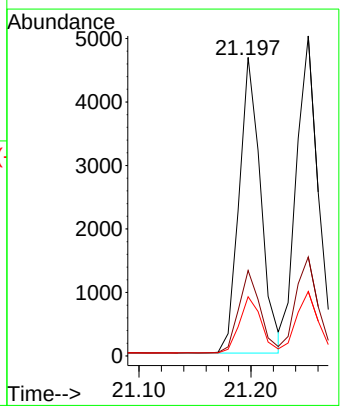


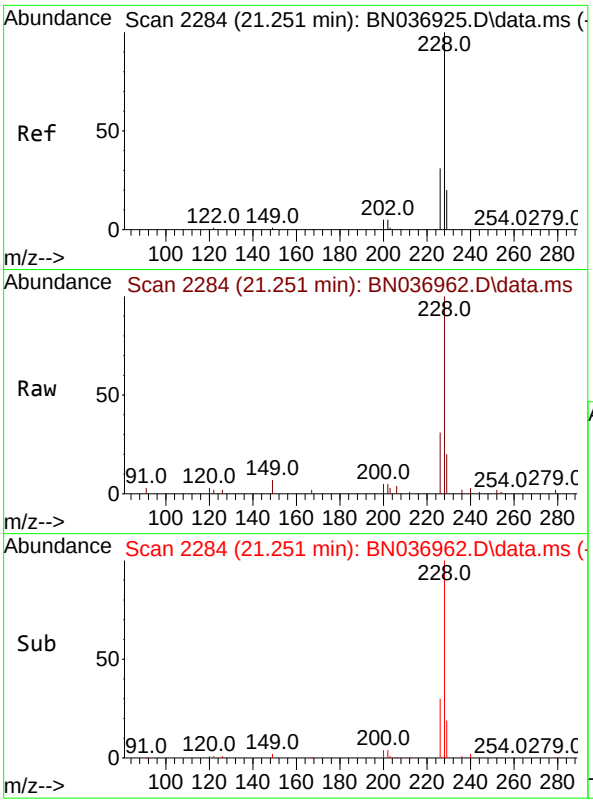


#32
Benzo(a)anthracene
Concen: 0.395 ng
RT: 21.197 min Scan# 2278
Delta R.T. -0.009 min
Lab File: BN036962.D
Acq: 07 May 2025 14:34

Tgt Ion:228 Resp: 6249

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.2	33.4
229	19.8	16.4	24.6



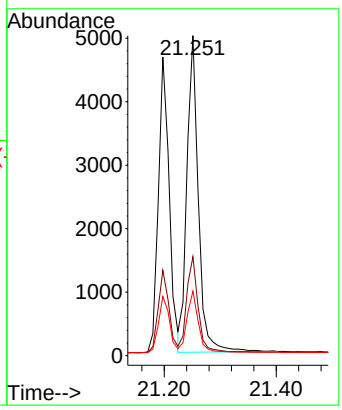


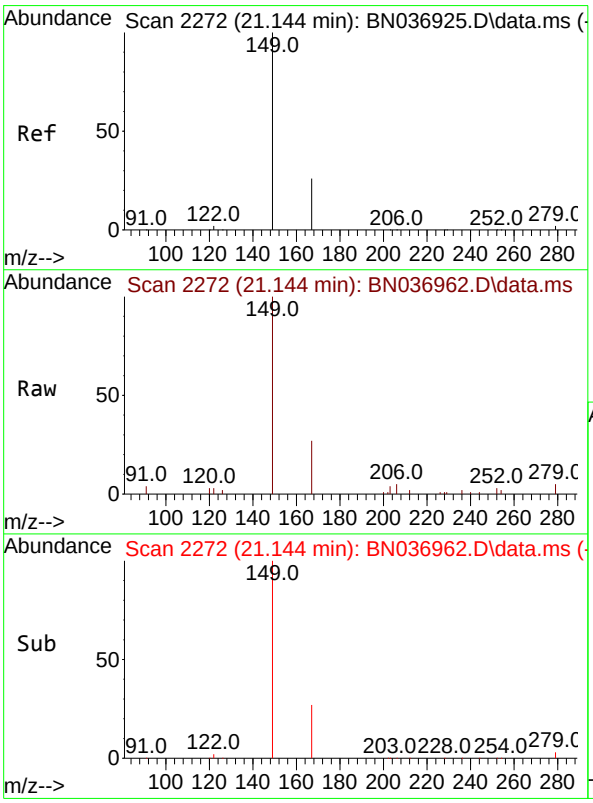
#33
Chrysene
Concen: 0.416 ng
RT: 21.251 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN036962.D
Acq: 07 May 2025 14:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 7096

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.5	38.3
229	20.1	16.5	24.7

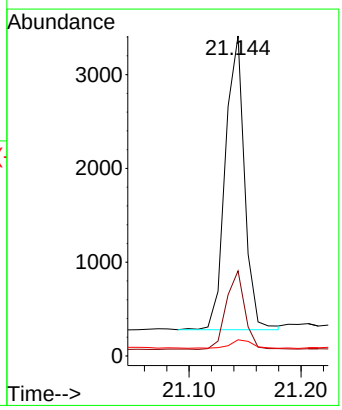


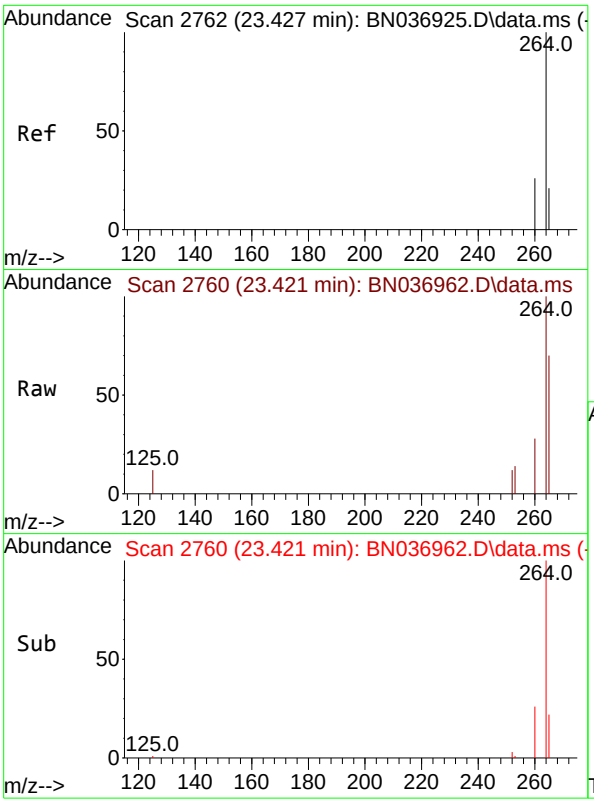


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.414 ng
RT: 21.144 min Scan# 2272
Delta R.T. -0.000 min
Lab File: BN036962.D
Acq: 07 May 2025 14:34

Tgt Ion:149 Resp: 3725

Ion	Ratio	Lower	Upper
149	100		
167	25.7	21.0	31.6
279	3.6	2.7	4.1



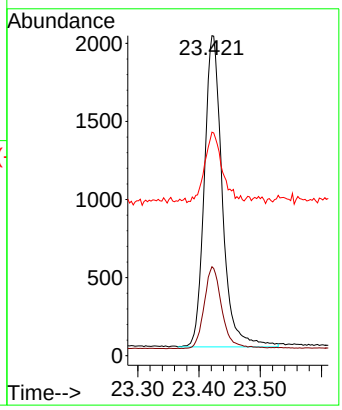


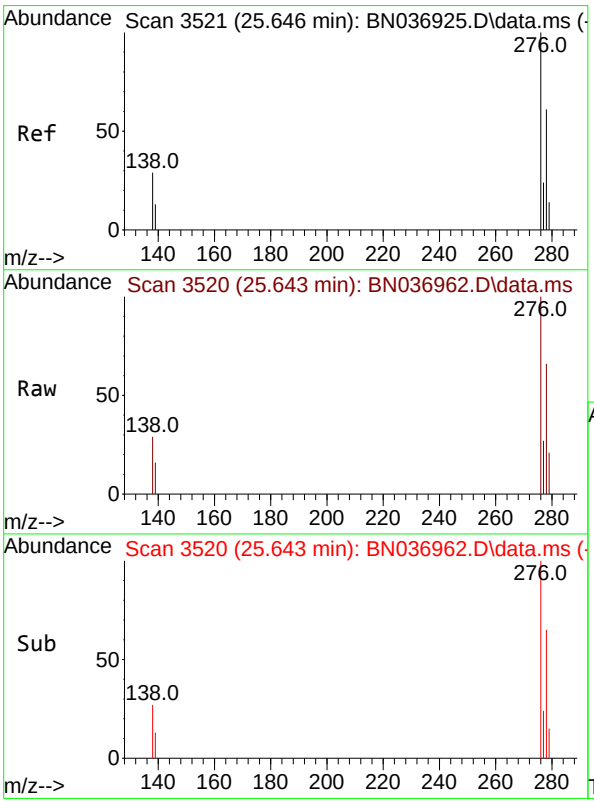
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.421 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN036962.D
Acq: 07 May 2025 14:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 4049

Ion	Ratio	Lower	Upper
264	100		
260	27.8	22.2	33.2
265	69.8	65.8	98.6

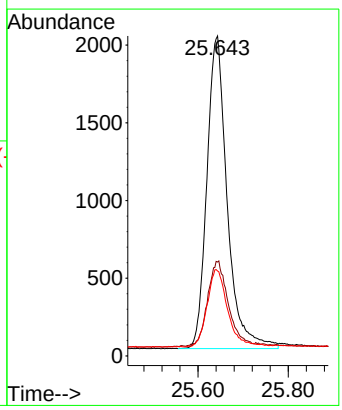


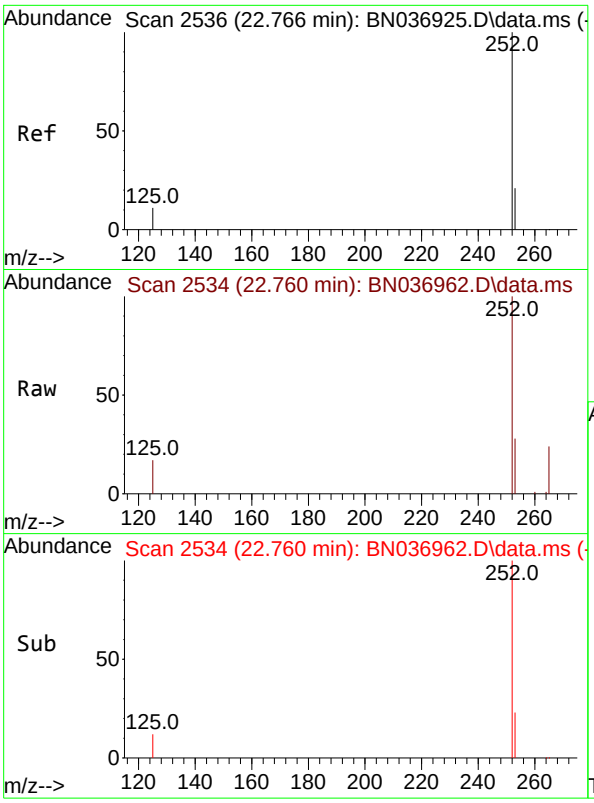


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.381 ng
RT: 25.643 min Scan# 3520
Delta R.T. -0.003 min
Lab File: BN036962.D
Acq: 07 May 2025 14:34

Tgt Ion:276 Resp: 6293

Ion	Ratio	Lower	Upper
276	100		
138	27.5	23.0	34.6
277	24.9	20.0	30.0



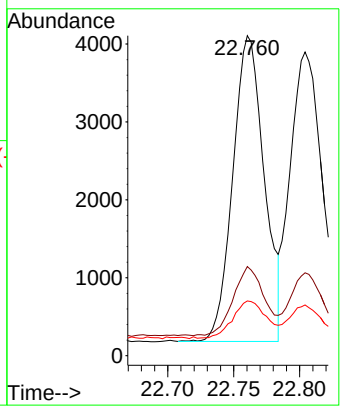


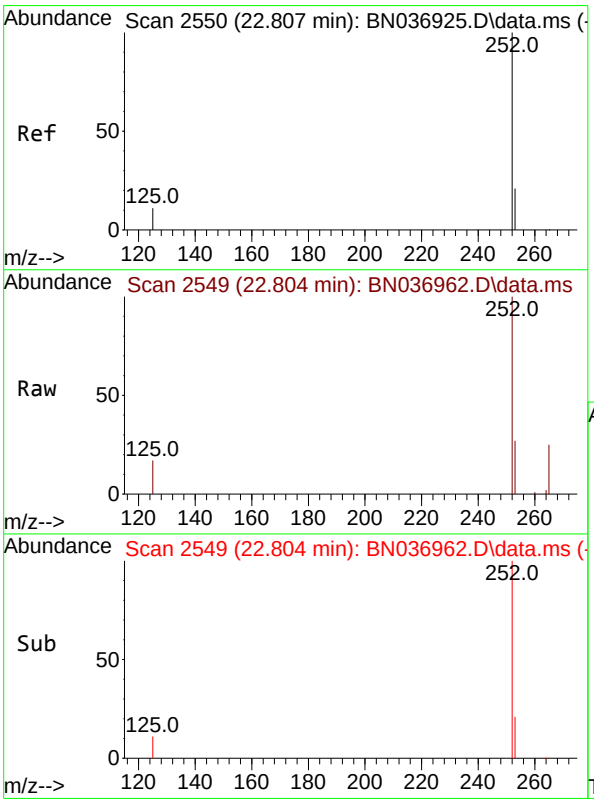
#37
Benzo(b)fluoranthene
Concen: 0.382 ng
RT: 22.760 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN036962.D
Acq: 07 May 2025 14:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 6509

Ion	Ratio	Lower	Upper
252	100		
253	27.9	22.1	33.1
125	17.1	14.2	21.2

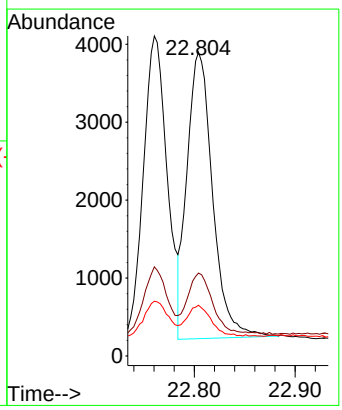


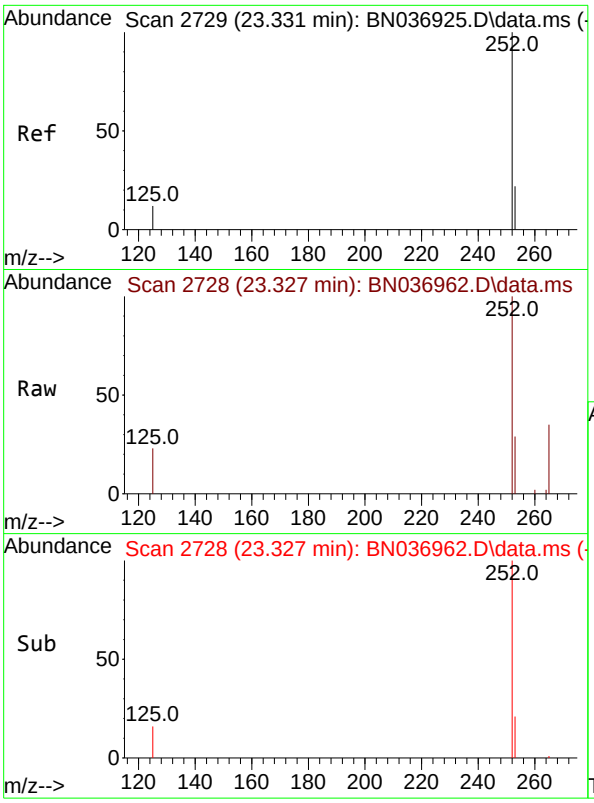


#38
Benzo(k)fluoranthene
Concen: 0.378 ng
RT: 22.804 min Scan# 2549
Delta R.T. -0.003 min
Lab File: BN036962.D
Acq: 07 May 2025 14:34

Tgt Ion:252 Resp: 6468

Ion	Ratio	Lower	Upper
252	100		
253	27.3	22.8	34.2
125	16.7	14.2	21.2



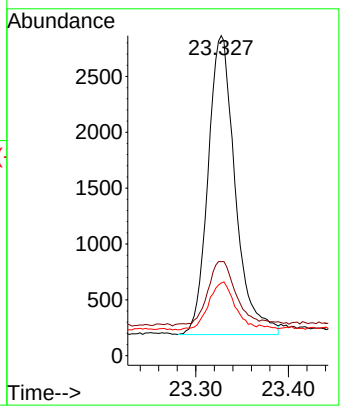


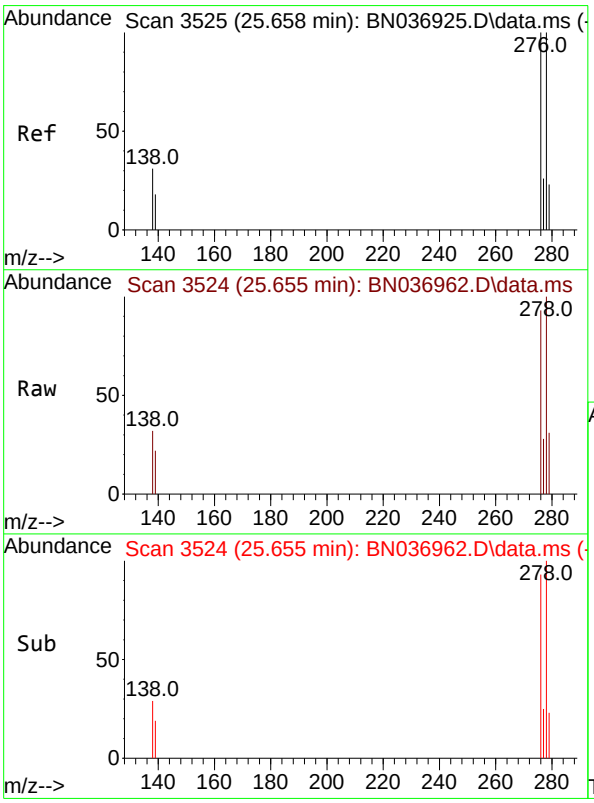
#39
Benzo(a)pyrene
Concen: 0.390 ng
RT: 23.327 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN036962.D
Acq: 07 May 2025 14:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 5458

Ion	Ratio	Lower	Upper
252	100		
253	29.4	25.9	38.9
125	22.7	17.4	26.0

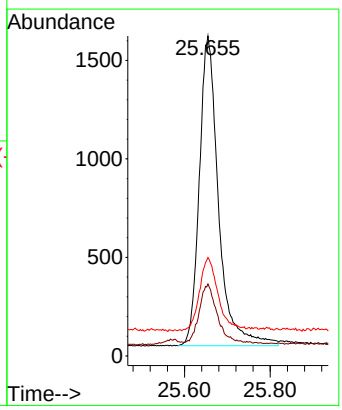


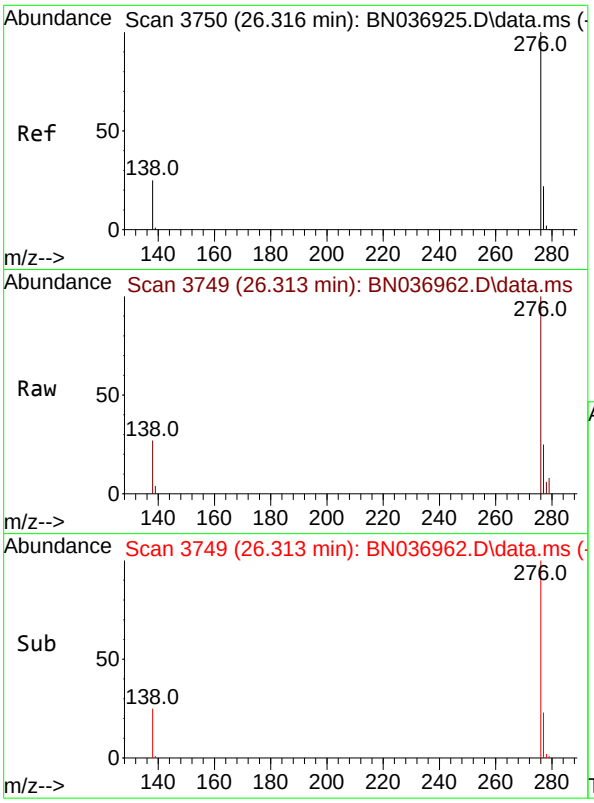


#40
Dibenzo(a,h)anthracene
Concen: 0.376 ng
RT: 25.655 min Scan# 3524
Delta R.T. -0.003 min
Lab File: BN036962.D
Acq: 07 May 2025 14:34

Tgt Ion:278 Resp: 4893

Ion	Ratio	Lower	Upper
278	100		
139	22.5	17.4	26.2
279	30.7	24.9	37.3





#41
Benzo(g,h,i)perylene
Concen: 0.384 ng
RT: 26.313 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN036962.D
Acq: 07 May 2025 14:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 5553

Ion	Ratio	Lower	Upper
276	100		
277	25.3	20.2	30.2
138	27.2	21.9	32.9