Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091125\
Data File : BN037691.D
Acq On : 11 Sep 2025 09:56
Operator : RC/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Sep 11 14:05:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:02:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.840	152	5271	0.400	ng		0.00
7) Naphthalene-d8	10.647	136	14013	0.400	ng		0.00
13) Acenaphthene-d10	14.494	164	6484	0.400	ng		0.00
19) Phenanthrene-d10	17.235	188	11736	0.400	ng		0.00
29) Chrysene-d12	21.420	240	9323	0.400	ng		0.00
35) Perylene-d12	23.753	264	9603	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.399	112	1224	0.101	ng		0.00
5) Phenol-d6	6.987	99	1570	0.100	ng		0.00
8) Nitrobenzene-d5	8.992	82	1006	0.098	ng		0.00
11) 2-Methylnaphthalene-d10	12.242	152	1740	0.094	ng		0.00
14) 2,4,6-Tribromophenol	15.982	330	142	0.084	ng		0.00
15) 2-Fluorobiphenyl	13.115	172	2696	0.099	ng		0.00
27) Fluoranthene-d10	19.271	212	2677	0.091	ng		0.00
31) Terphenyl-d14	19.870	244	1879	0.099	ng		0.00
Target Compounds							Qvalue
6) bis(2-Chloroethyl)ether	7.255	93	1418	0.101	ng		98
9) Naphthalene	10.690	128	3822	0.100	ng		95
10) Hexachlorobutadiene	11.000	225	697	0.101	ng	#	99
12) 2-Methylnaphthalene	12.313	142	2253	0.095	ng		97
16) Acenaphthylene	14.216	152	2843	0.096	ng		99
17) Acenaphthene	14.558	154	1889	0.094	ng		94
18) Fluorene	15.535	166	2276	0.093	ng		99
21) 4-Bromophenyl-phenylether	16.441	248	733	0.096	ng	#	95
22) Hexachlorobenzene	16.552	284	883	0.100	ng		99
23) Atrazine	16.701	200	426	0.088	ng	#	89
25) Phenanthrene	17.285	178	3604	0.098	ng		98
26) Anthracene	17.372	178	3046	0.093	ng		99
28) Fluoranthene	19.299	202	3689	0.091	ng		99
30) Pyrene	19.661	202	3679	0.101	ng		99
32) Benzo(a)anthracene	21.402	228	3231	0.099	ng		99
33) Chrysene	21.456	228	3549	0.102	ng		97
36) Indeno(1,2,3-cd)pyrene	26.142	276	3642	0.090	ng		97
37) Benzo(b)fluoranthene	23.048	252	3513	0.093	ng	#	82
38) Benzo(k)fluoranthene	23.092	252	3640	0.094	ng	#	73
39) Benzo(a)pyrene	23.651	252	2774	0.092	ng	#	76
40) Dibenzo(a,h)anthracene	26.159	278	2778	0.086	ng	#	79
41) Benzo(g,h,i)perylene	26.870	276	3393	0.094	ng	#	91

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

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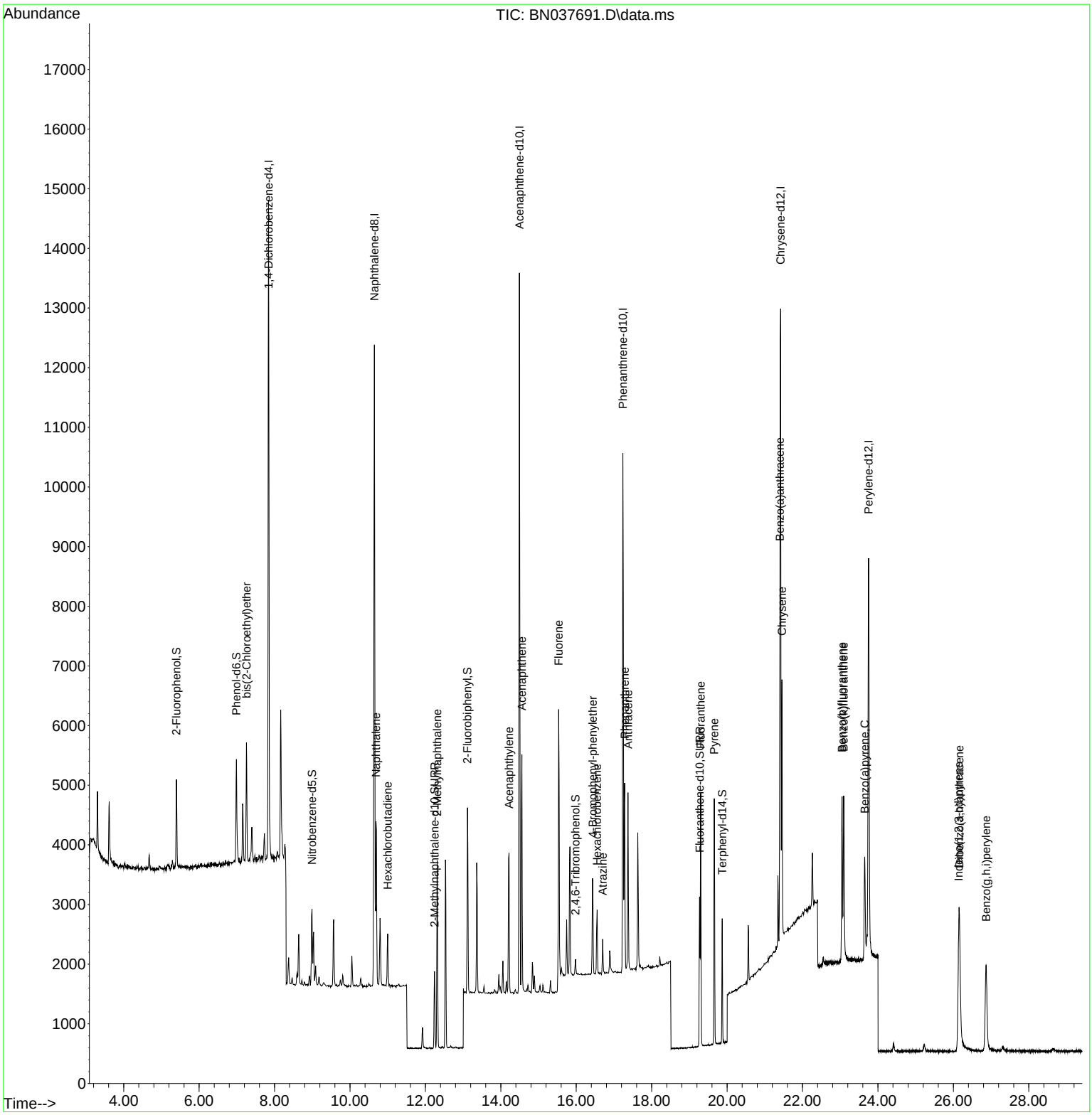
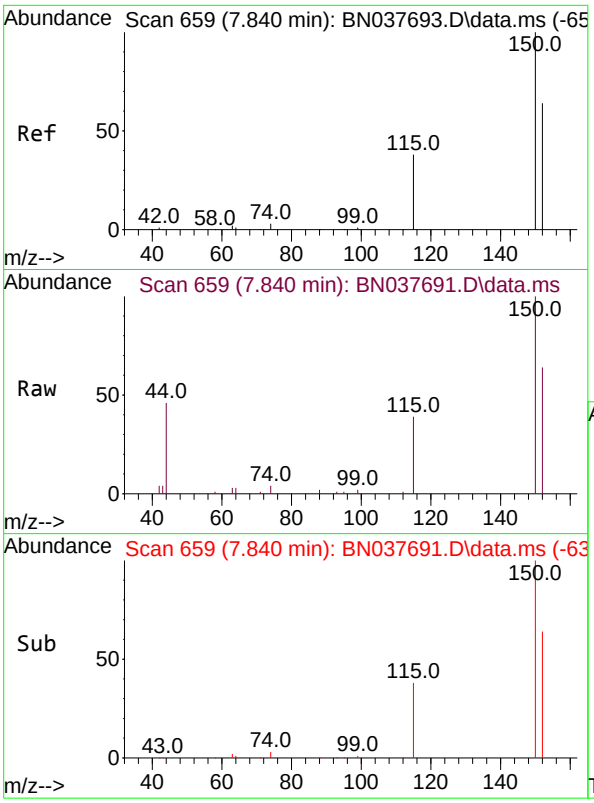
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Sep 11 14:05:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:02:44 2025
Response via : Initial Calibration



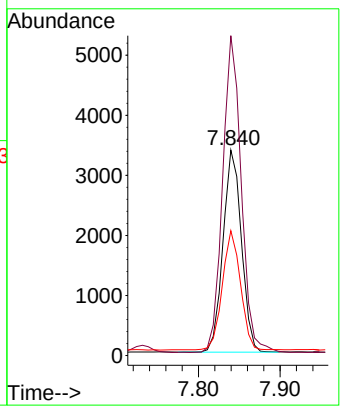


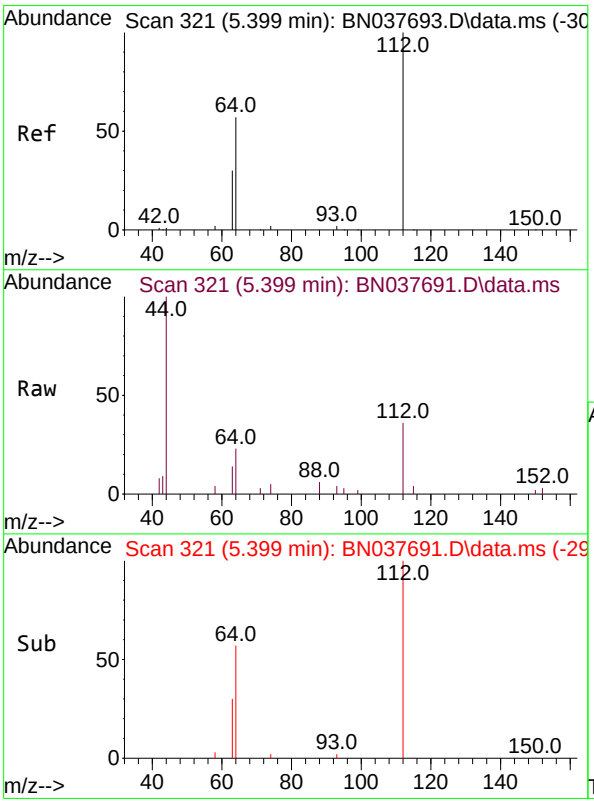
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.840 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN037691.D
Acq: 11 Sep 2025 09:56

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 5271

Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.5	186.7
115	60.8	49.2	73.8

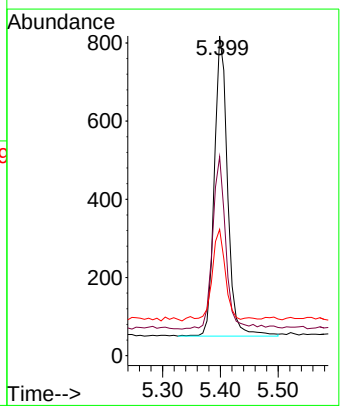


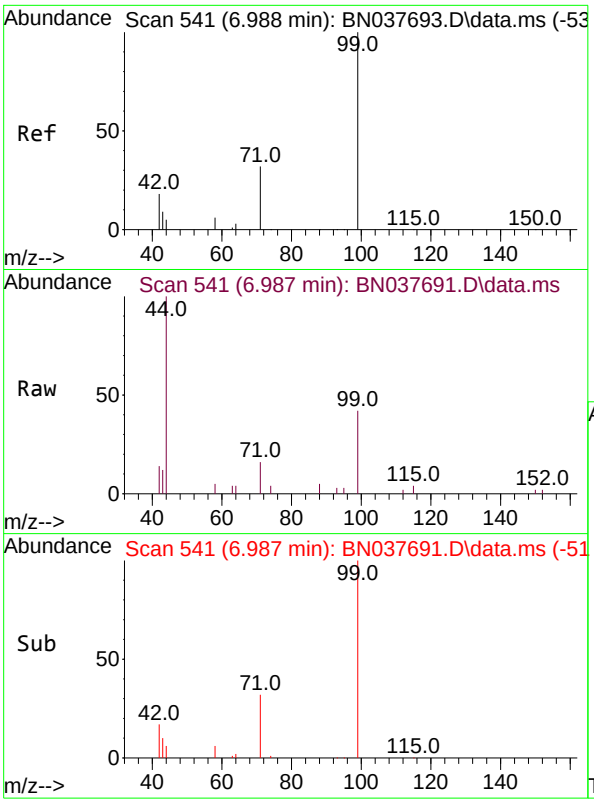


#4
2-Fluorophenol
Concen: 0.101 ng
RT: 5.399 min Scan# 321
Delta R.T. -0.000 min
Lab File: BN037691.D
Acq: 11 Sep 2025 09:56

Tgt Ion:112 Resp: 1224

Ion	Ratio	Lower	Upper
112	100		
64	58.5	44.9	67.3
63	28.8	24.7	37.1



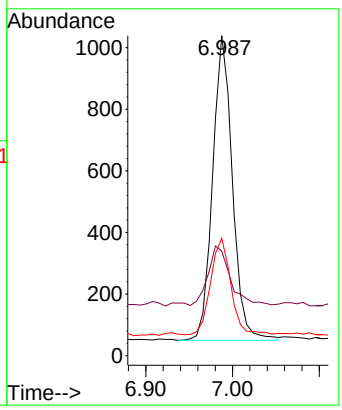


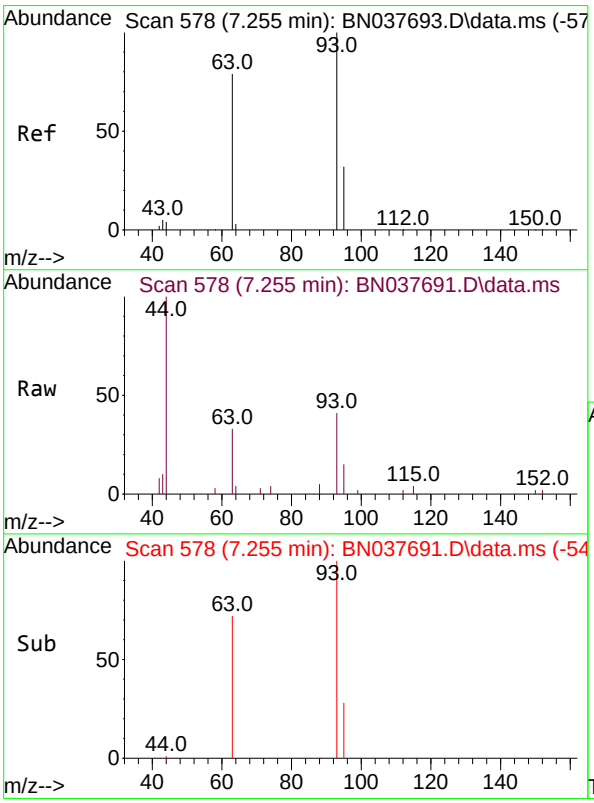
#5
Phenol-d6
Concen: 0.100 ng
RT: 6.987 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN037691.D
Acq: 11 Sep 2025 09:56

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 1570

Ion	Ratio	Lower	Upper
99	100		
42	21.8	16.6	24.8
71	32.4	26.7	40.1

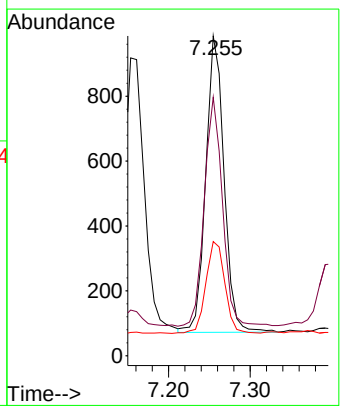


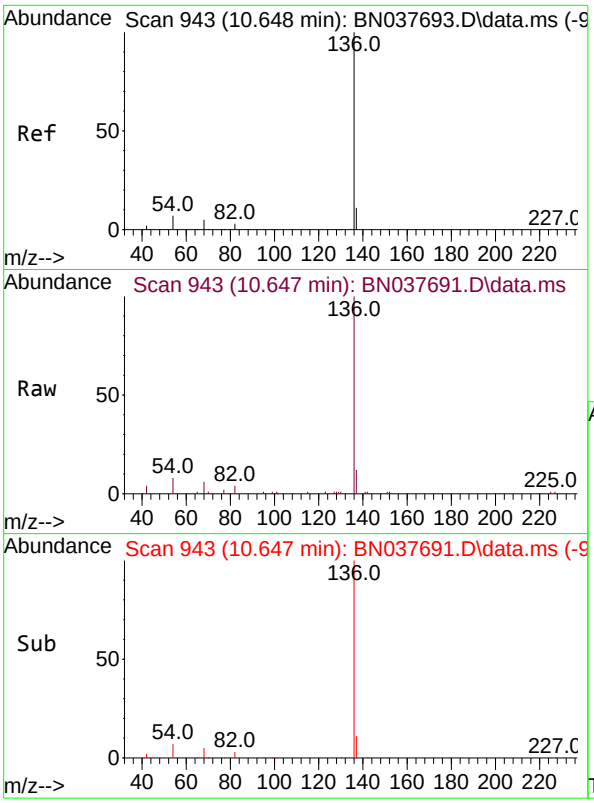


#6
bis(2-Chloroethyl)ether
Concen: 0.101 ng
RT: 7.255 min Scan# 578
Delta R.T. -0.000 min
Lab File: BN037691.D
Acq: 11 Sep 2025 09:56

Tgt Ion: 93 Resp: 1418

Ion	Ratio	Lower	Upper
93	100		
63	77.9	60.6	90.8
95	32.2	26.0	39.0



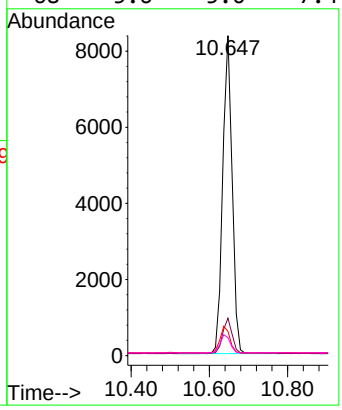


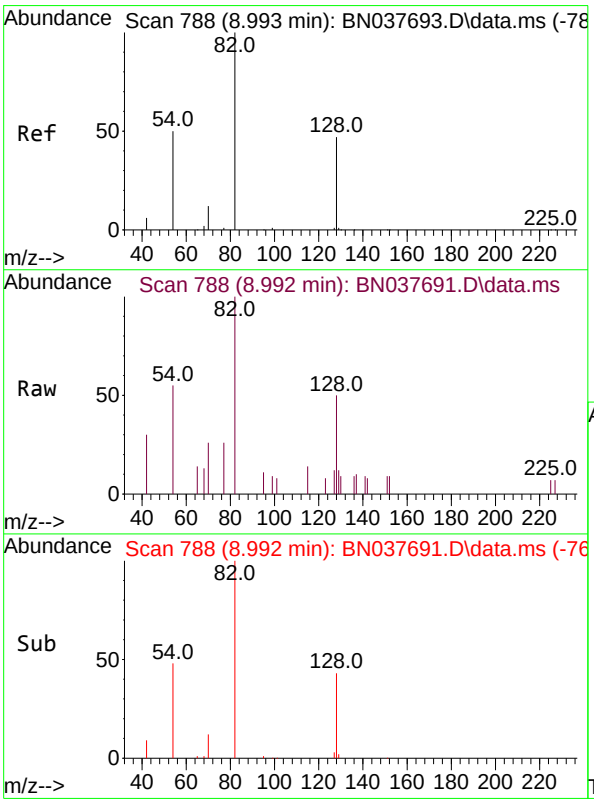
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.647 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN037691.D
Acq: 11 Sep 2025 09:56

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 14013

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	7.6	6.3	9.5
68	5.6	5.0	7.4

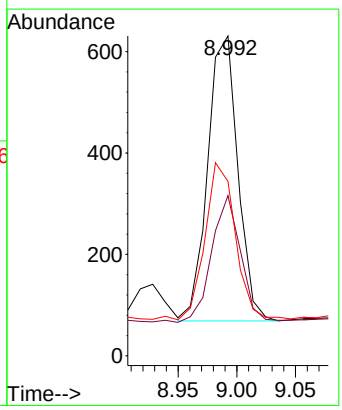


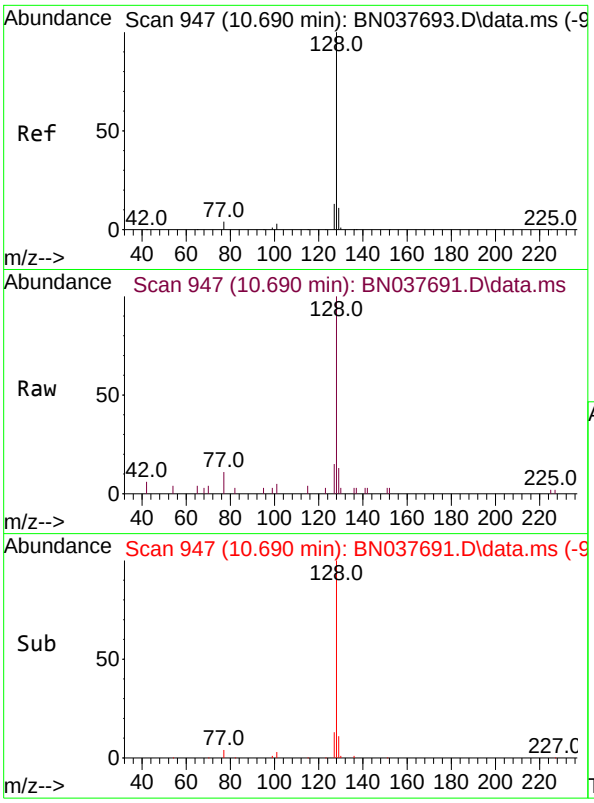


#8
Nitrobenzene-d5
Concen: 0.098 ng
RT: 8.992 min Scan# 788
Delta R.T. -0.000 min
Lab File: BN037691.D
Acq: 11 Sep 2025 09:56

Tgt Ion: 82 Resp: 1006

Ion	Ratio	Lower	Upper
82	100		
128	50.1	38.3	57.5
54	54.5	41.4	62.2



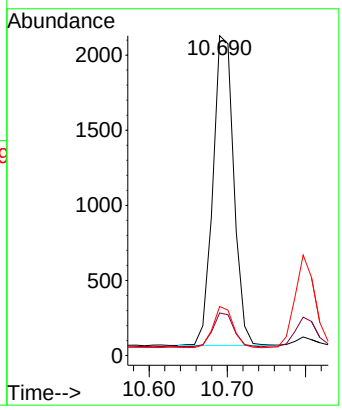


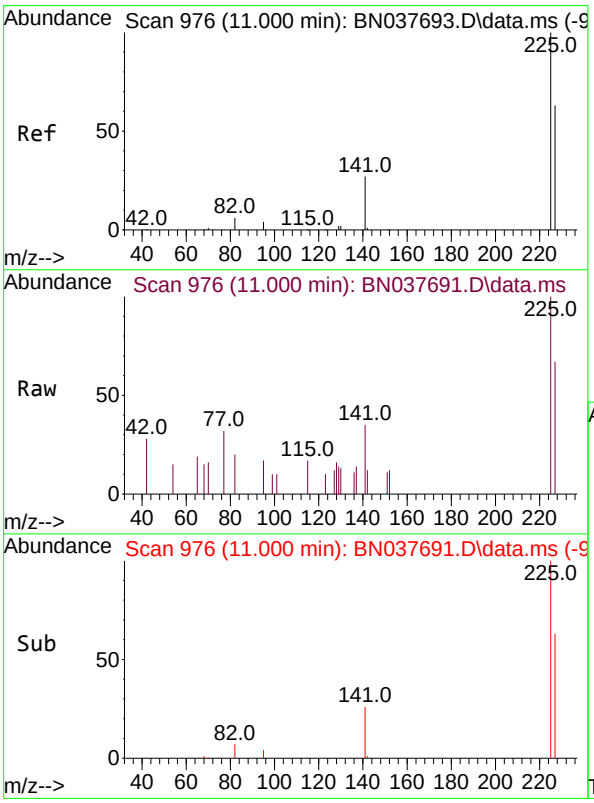
#9
Naphthalene
Concen: 0.100 ng
RT: 10.690 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN037691.D
Acq: 11 Sep 2025 09:56

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 3822

Ion	Ratio	Lower	Upper
128	100		
129	13.3	9.1	13.7
127	15.3	10.9	16.3

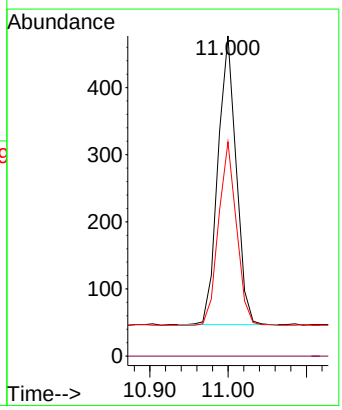


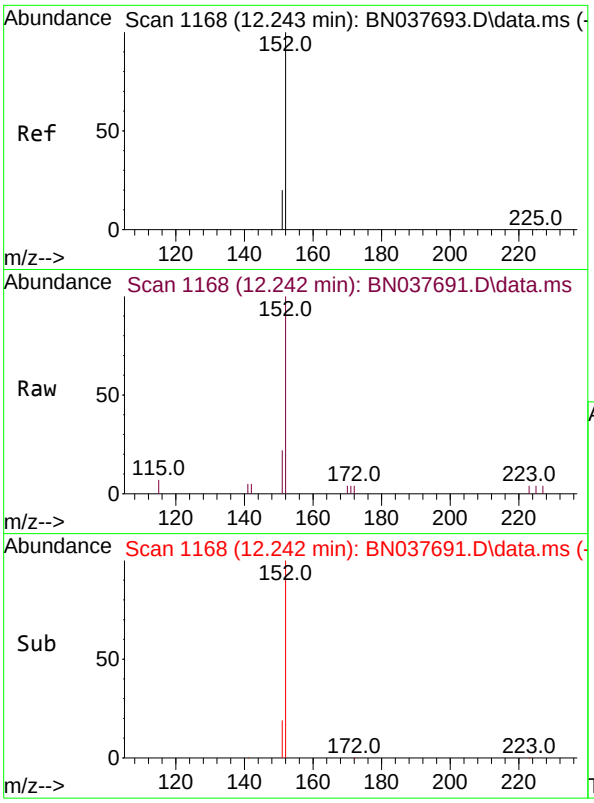


#10
Hexachlorobutadiene
Concen: 0.101 ng
RT: 11.000 min Scan# 976
Delta R.T. -0.000 min
Lab File: BN037691.D
Acq: 11 Sep 2025 09:56

Tgt Ion:225 Resp: 697

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.6	50.9	76.3



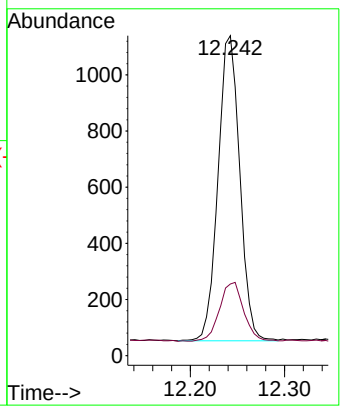


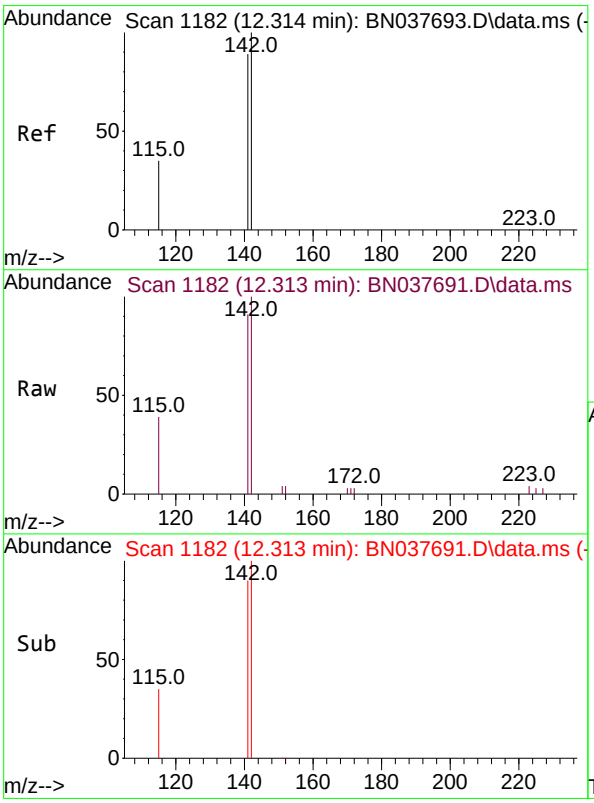
#11
2-Methylnaphthalene-d10
Concen: 0.094 ng
RT: 12.242 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN037691.D
Acq: 11 Sep 2025 09:56

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 1740

Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.0	25.6

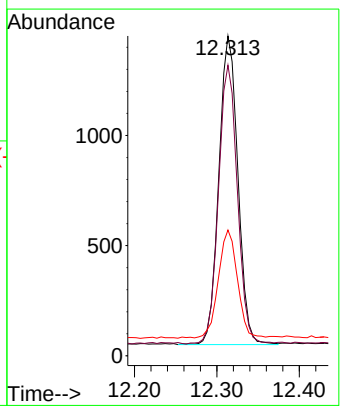


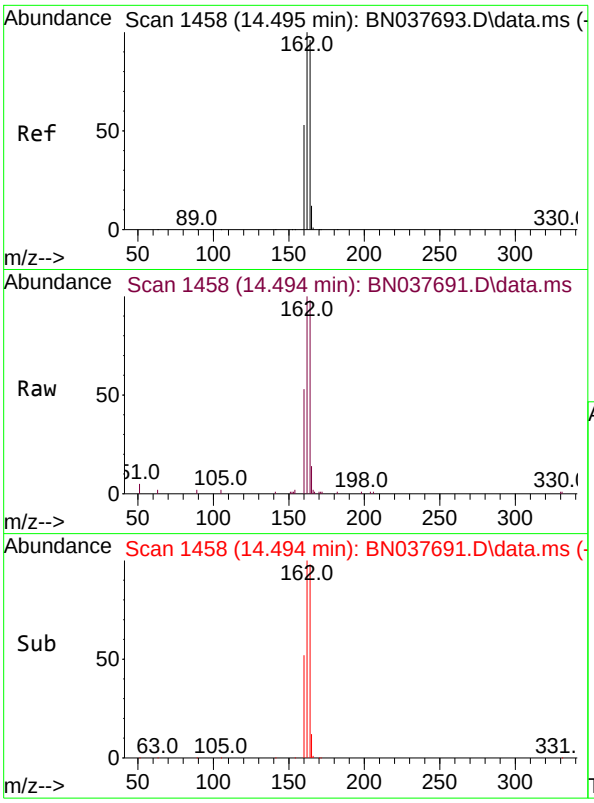


#12
2-Methylnaphthalene
Concen: 0.095 ng
RT: 12.313 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BN037691.D
Acq: 11 Sep 2025 09:56

Tgt Ion:142 Resp: 2253

Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.6	107.4
115	39.3	28.6	43.0



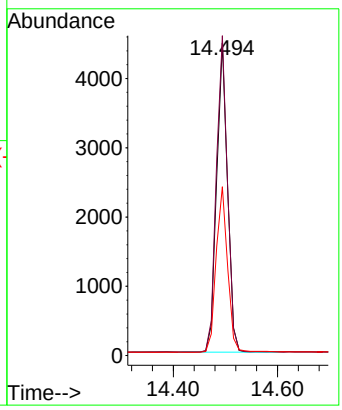


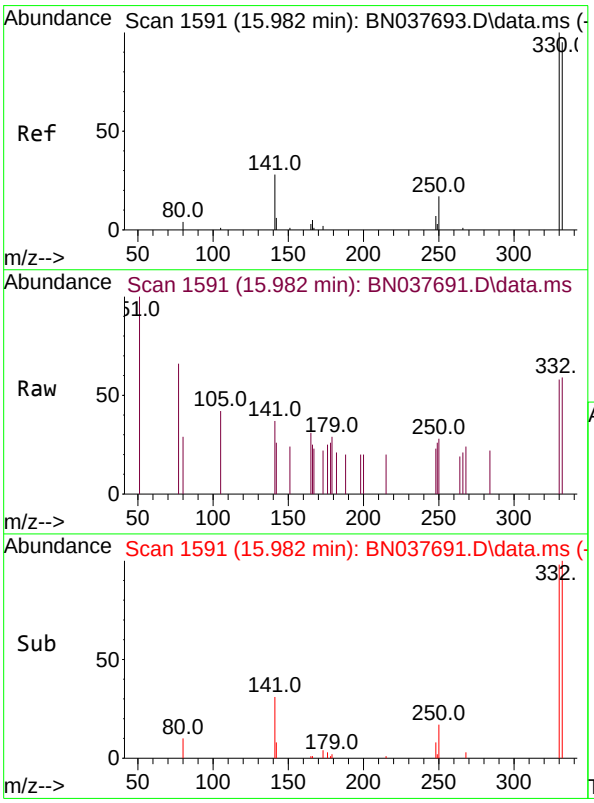
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.494 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN037691.D
Acq: 11 Sep 2025 09:56

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:164 Resp: 6484

Ion	Ratio	Lower	Upper
164	100		
162	102.4	83.1	124.7
160	54.0	44.3	66.5

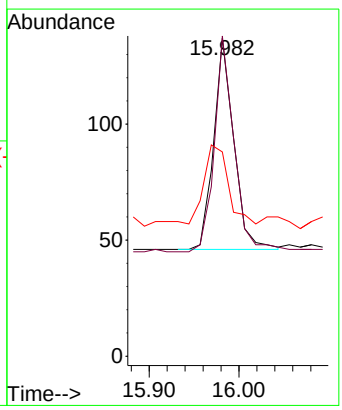


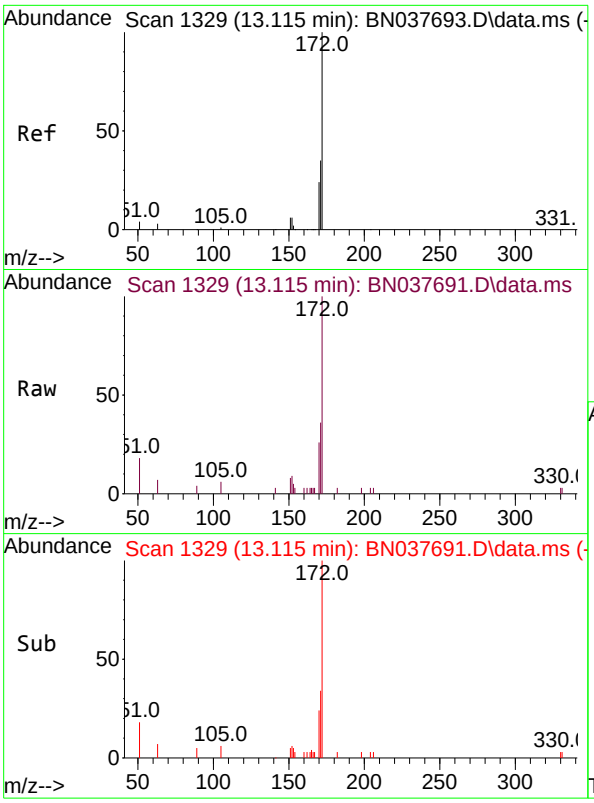


#14
2,4,6-Tribromophenol
Concen: 0.084 ng
RT: 15.982 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BN037691.D
Acq: 11 Sep 2025 09:56

Tgt Ion:330 Resp: 142

Ion	Ratio	Lower	Upper
330	100		
332	101.4	75.3	112.9
141	44.4	35.0	52.4



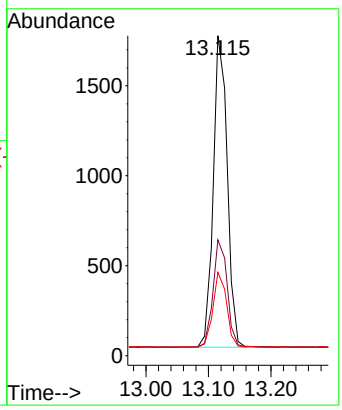


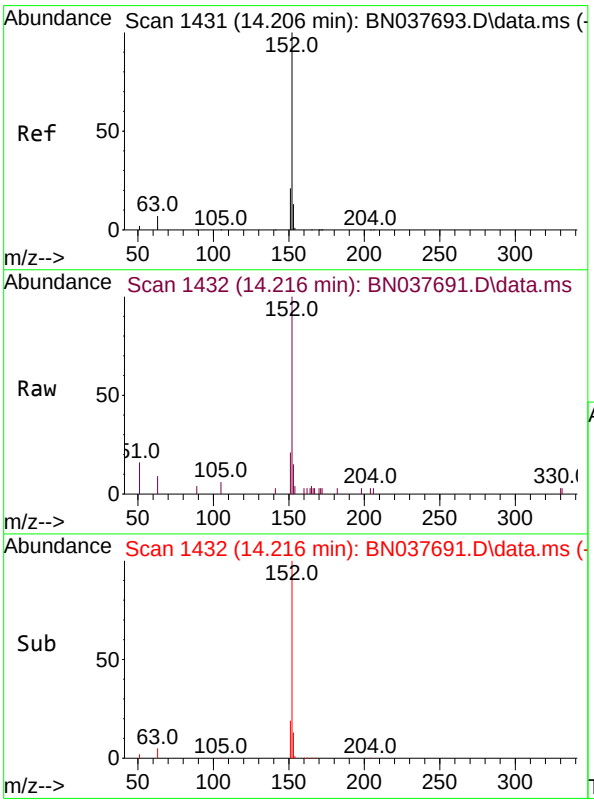
#15
2-Fluorobiphenyl
Concen: 0.099 ng
RT: 13.115 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037691.D
Acq: 11 Sep 2025 09:56

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 2696

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	26.0	19.8	29.8

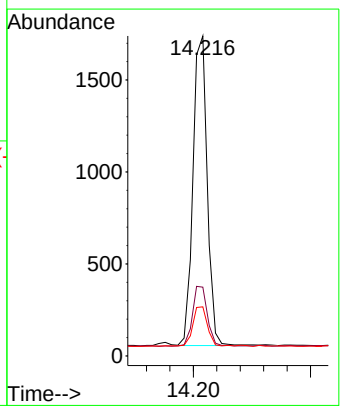


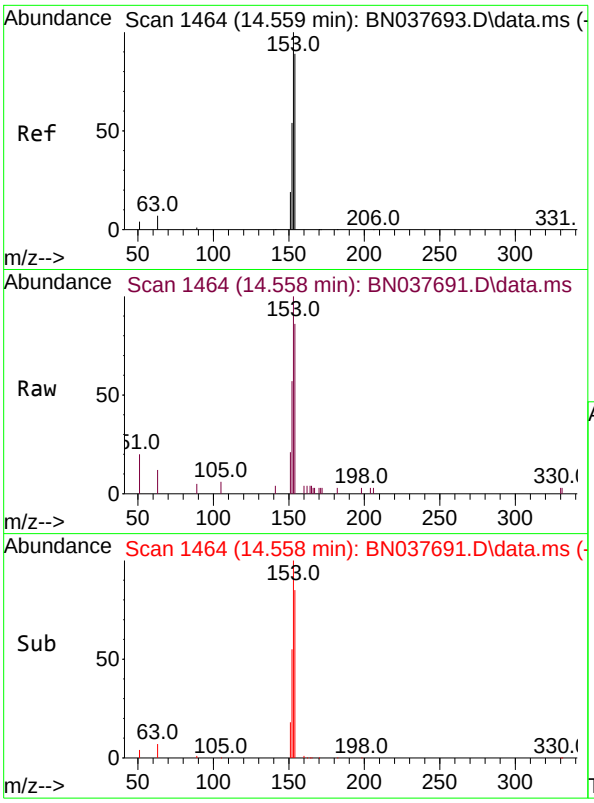


#16
Acenaphthylene
Concen: 0.096 ng
RT: 14.216 min Scan# 1432
Delta R.T. 0.010 min
Lab File: BN037691.D
Acq: 11 Sep 2025 09:56

Tgt Ion:152 Resp: 2843

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.2
153	13.5	10.4	15.6



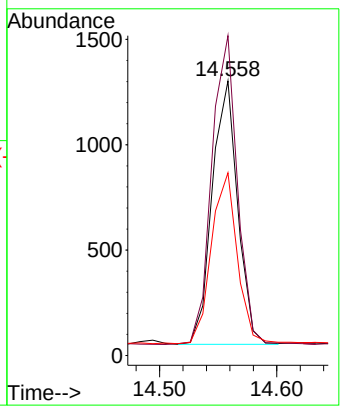


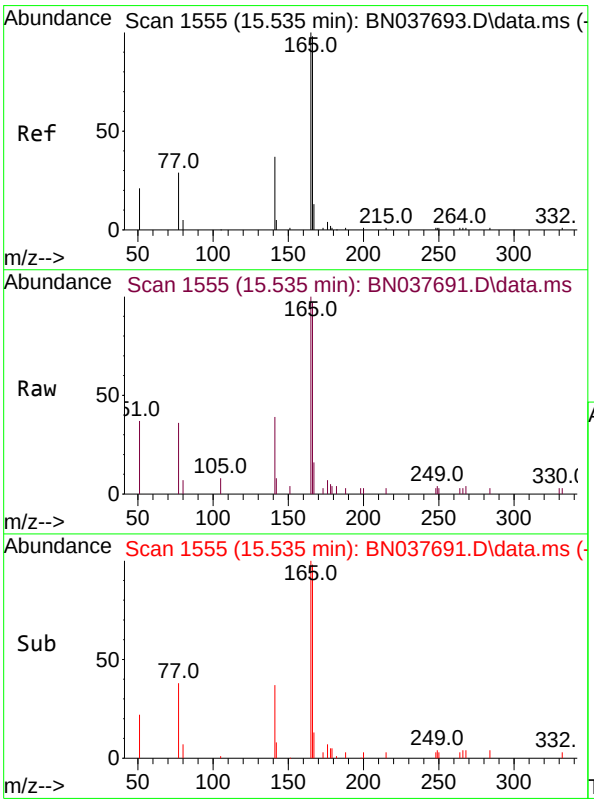
#17
Acenaphthene
Concen: 0.094 ng
RT: 14.558 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN037691.D
Acq: 11 Sep 2025 09:56

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:154 Resp: 1889

Ion	Ratio	Lower	Upper
154	100		
153	118.1	89.8	134.8
152	67.5	50.2	75.2

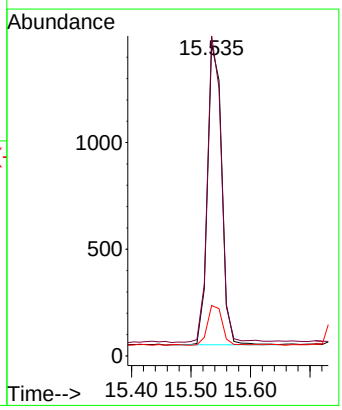


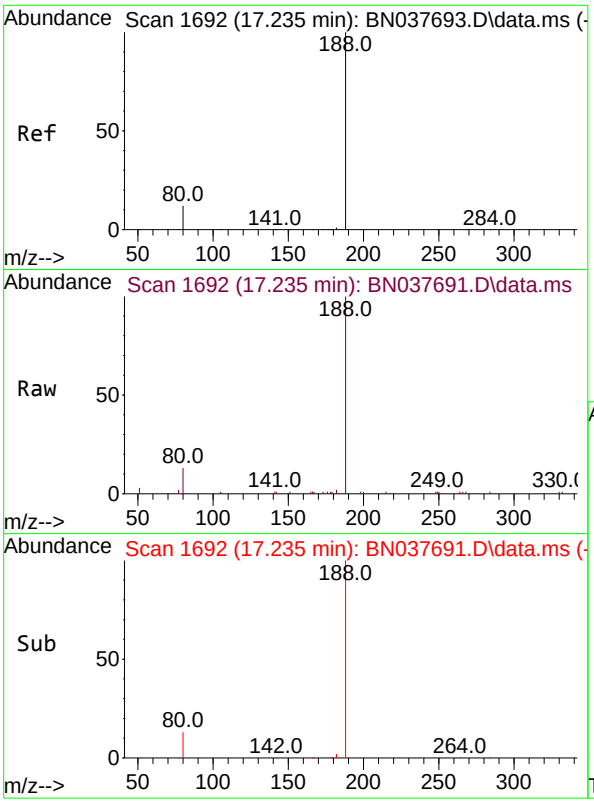


#18
Fluorene
Concen: 0.093 ng
RT: 15.535 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BN037691.D
Acq: 11 Sep 2025 09:56

Tgt Ion:166 Resp: 2276

Ion	Ratio	Lower	Upper
166	100		
165	100.0	79.6	119.4
167	14.0	10.6	16.0



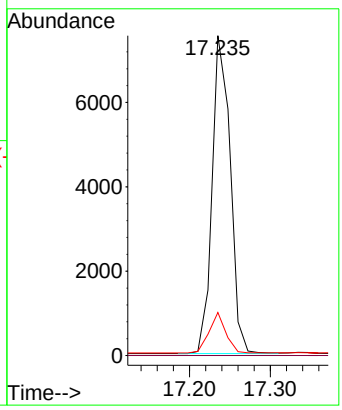


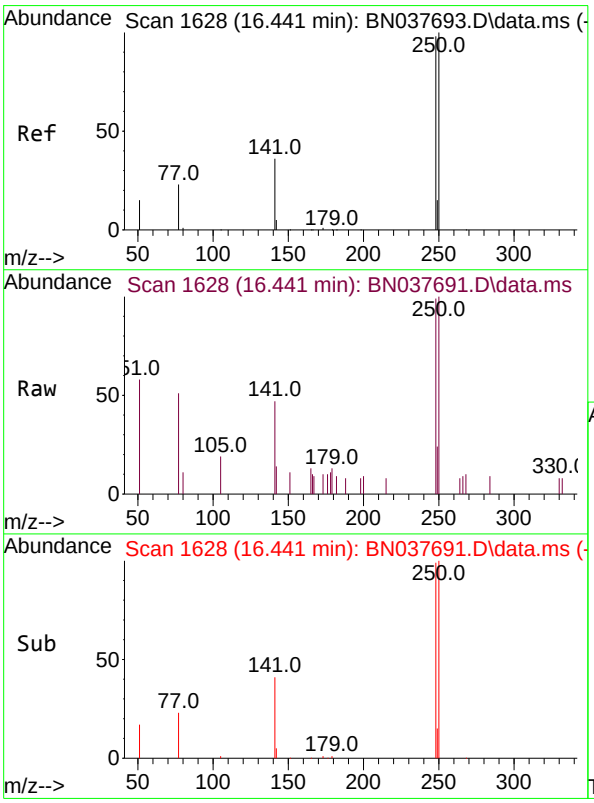
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.235 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037691.D
Acq: 11 Sep 2025 09:56

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:188 Resp: 11736

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.5	10.6	15.8

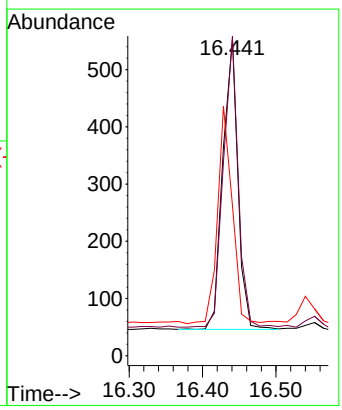


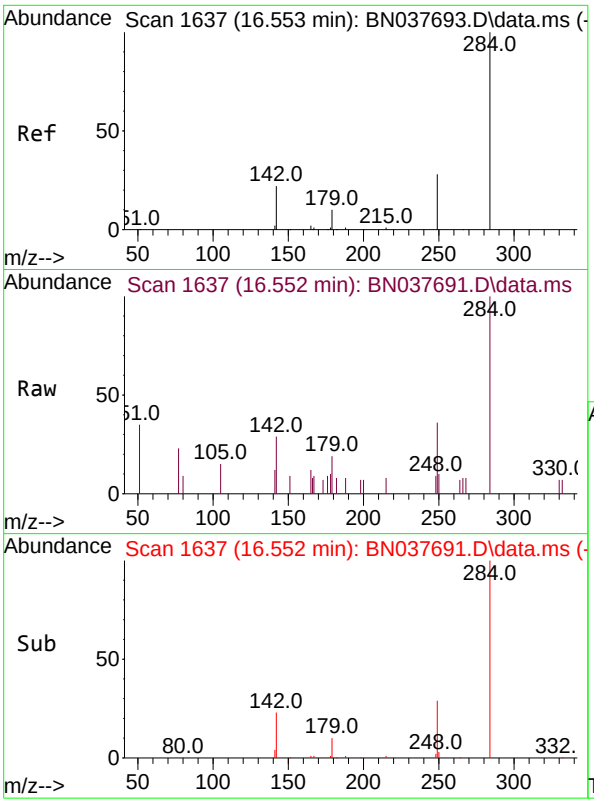


#21
4-Bromophenyl-phenylether
Concen: 0.096 ng
RT: 16.441 min Scan# 1628
Delta R.T. -0.000 min
Lab File: BN037691.D
Acq: 11 Sep 2025 09:56

Tgt Ion:248 Resp: 733

Ion	Ratio	Lower	Upper
248	100		
250	101.1	81.5	122.3
141	47.6	30.8	46.2#



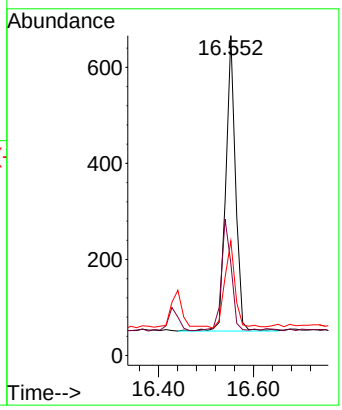


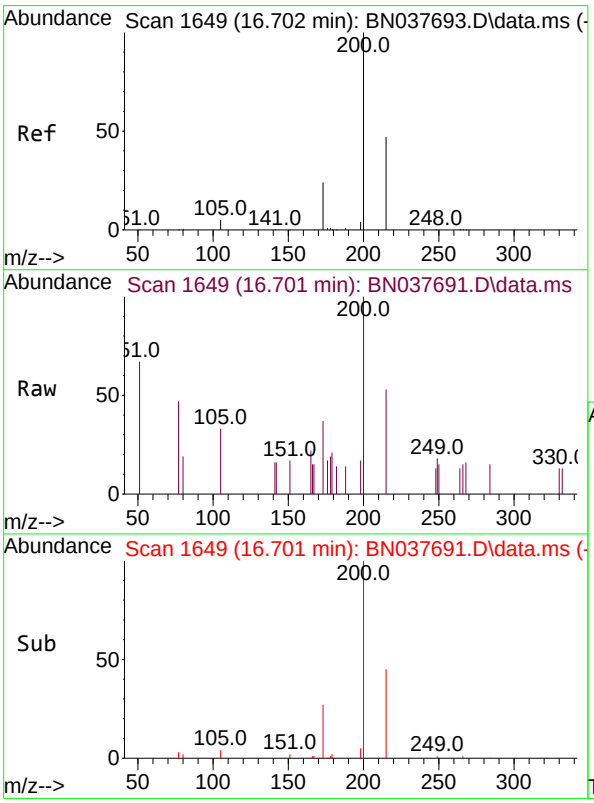
#22
Hexachlorobenzene
Concen: 0.100 ng
RT: 16.552 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037691.D
Acq: 11 Sep 2025 09:56

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:284 Resp: 883

Ion	Ratio	Lower	Upper
284	100		
142	38.1	30.9	46.3
249	29.9	24.8	37.2

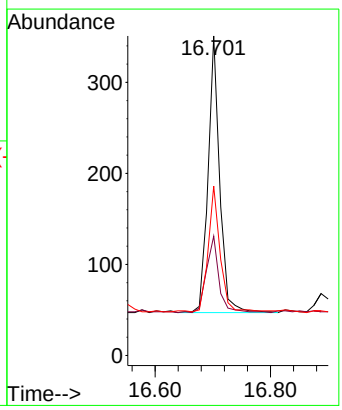


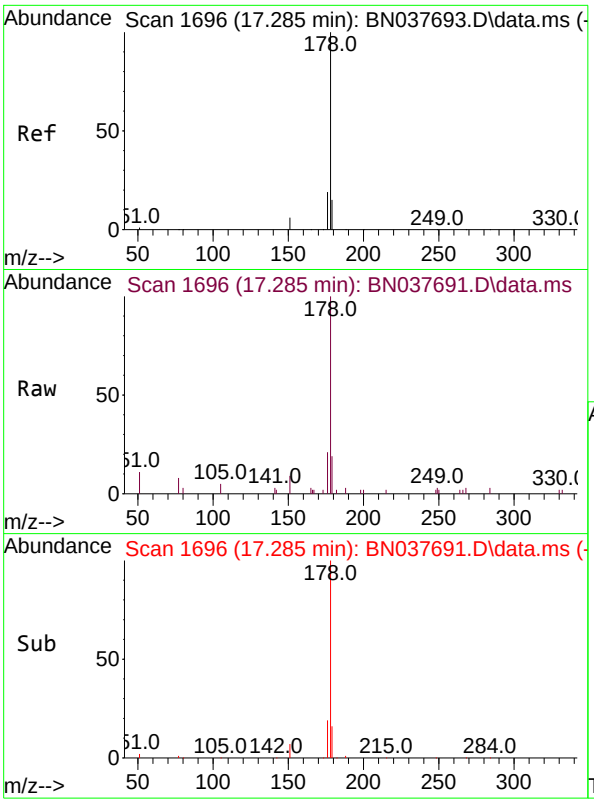


#23
Atrazine
Concen: 0.088 ng
RT: 16.701 min Scan# 1649
Delta R.T. -0.000 min
Lab File: BN037691.D
Acq: 11 Sep 2025 09:56

Tgt Ion:200 Resp: 426

Ion	Ratio	Lower	Upper
200	100		
173	37.3	21.4	32.2#
215	53.0	39.2	58.8



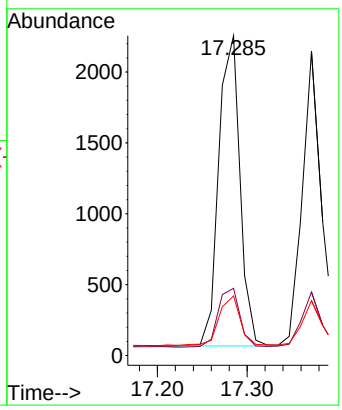


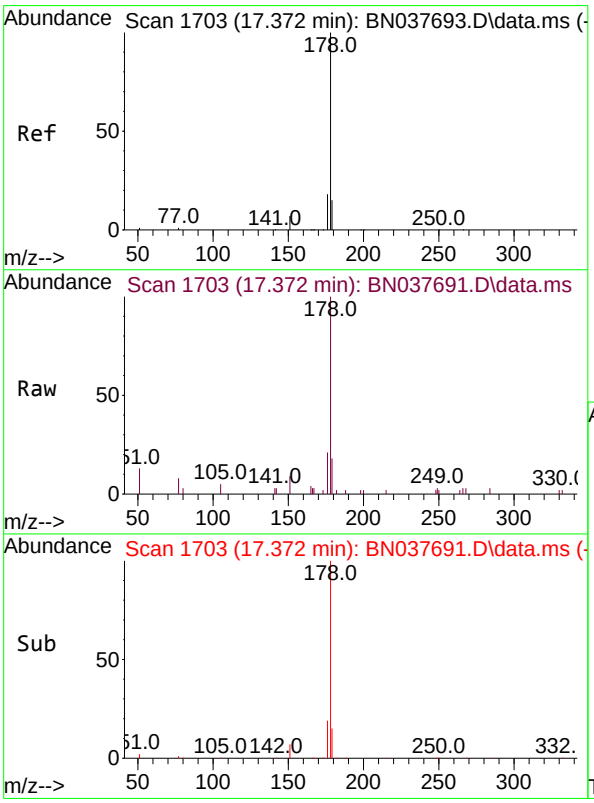
#25
Phenanthrene
Concen: 0.098 ng
RT: 17.285 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037691.D
Acq: 11 Sep 2025 09:56

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 3604

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.3	22.9
179	16.6	12.2	18.2

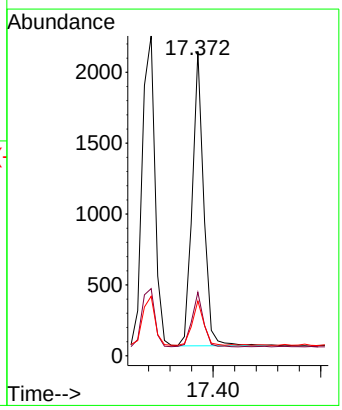


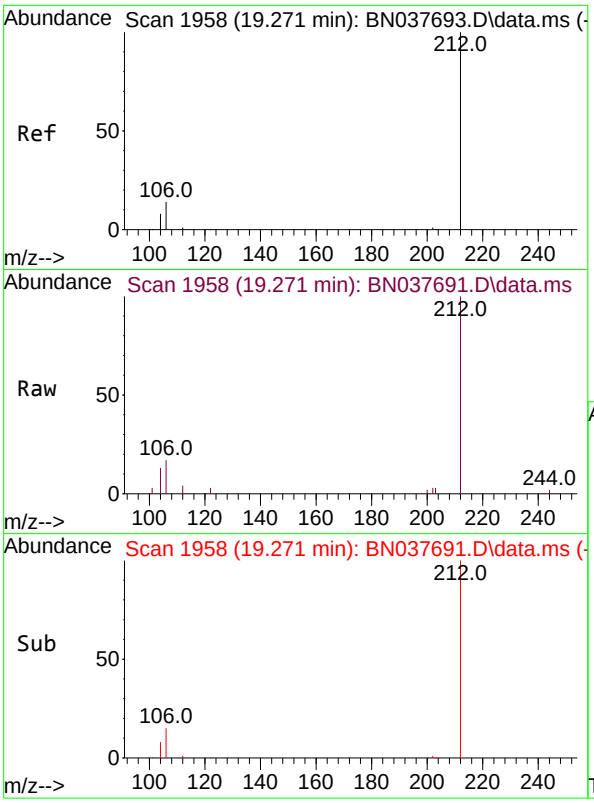


#26
Anthracene
Concen: 0.093 ng
RT: 17.372 min Scan# 1703
Delta R.T. -0.000 min
Lab File: BN037691.D
Acq: 11 Sep 2025 09:56

Tgt Ion:178 Resp: 3046

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.6	22.0
179	15.1	12.2	18.4



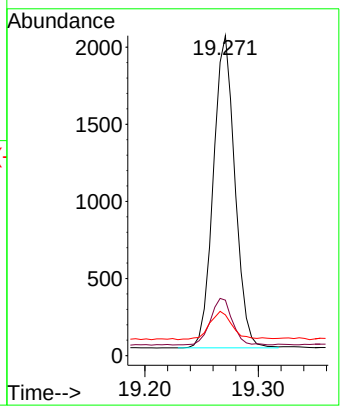


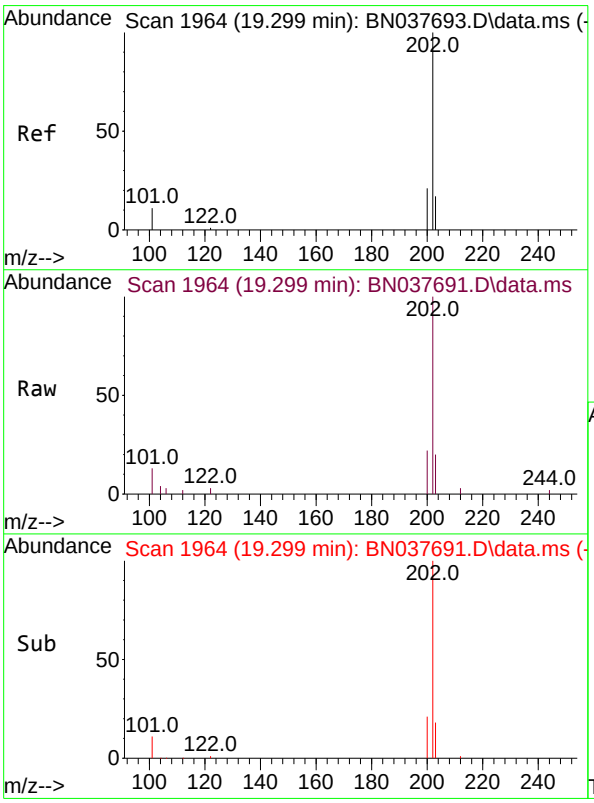
#27
Fluoranthene-d10
Concen: 0.091 ng
RT: 19.271 min Scan# 19
Delta R.T. -0.000 min
Lab File: BN037691.D
Acq: 11 Sep 2025 09:56

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:212 Resp: 2677

Ion	Ratio	Lower	Upper
212	100		
106	14.9	12.2	18.2
104	9.4	6.9	10.3

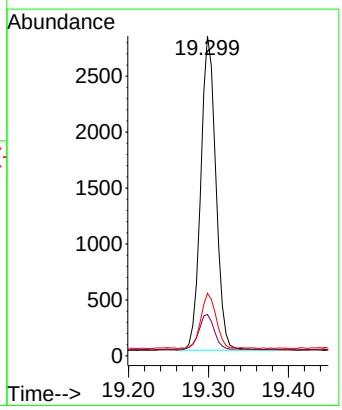


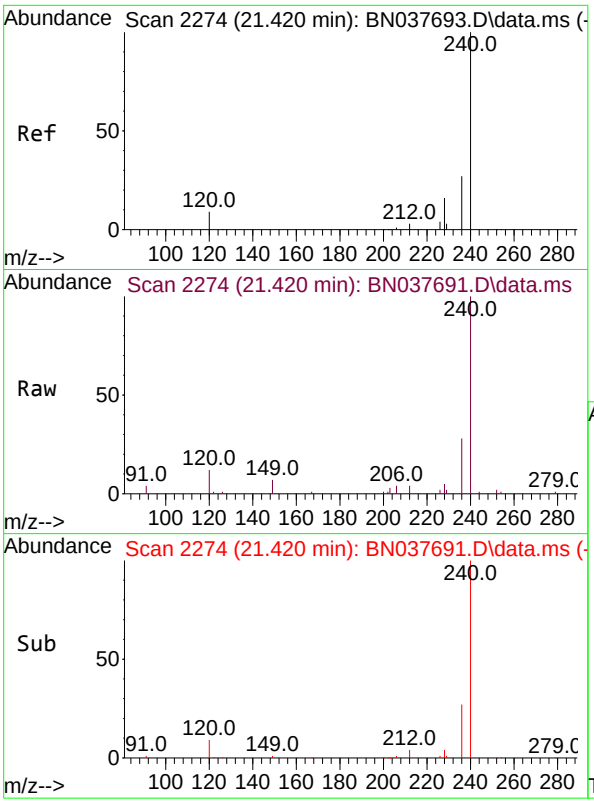


#28
Fluoranthene
Concen: 0.091 ng
RT: 19.299 min Scan# 1964
Delta R.T. -0.000 min
Lab File: BN037691.D
Acq: 11 Sep 2025 09:56

Tgt Ion:202 Resp: 3689

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.3	13.9
203	17.5	13.7	20.5



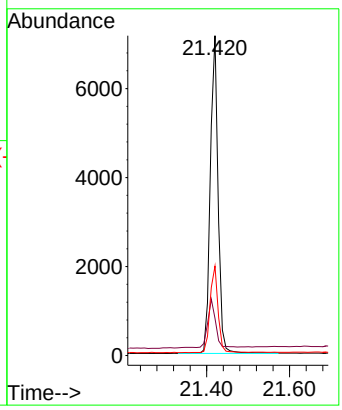


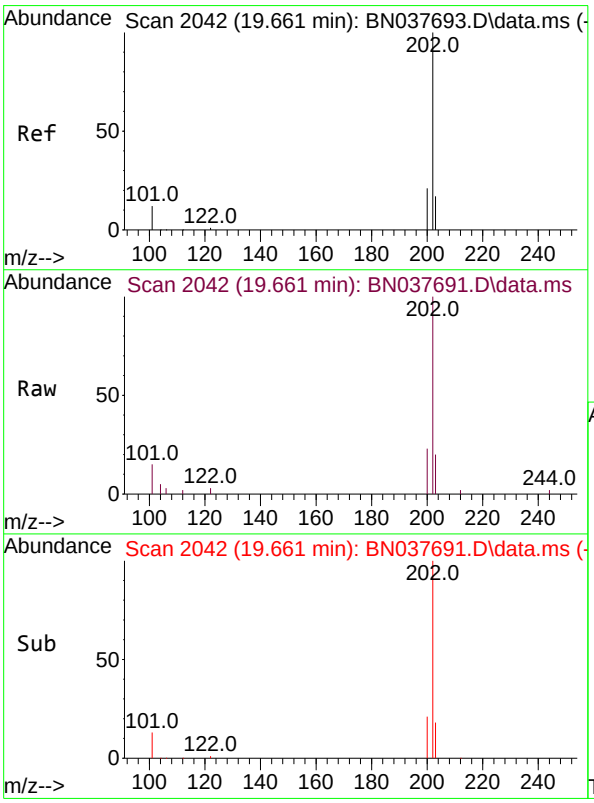
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.420 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037691.D
Acq: 11 Sep 2025 09:56

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 9323

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.2	13.8
236	28.0	22.6	33.8

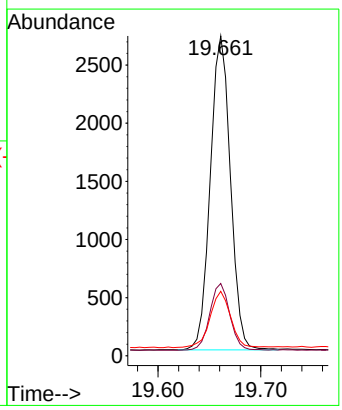


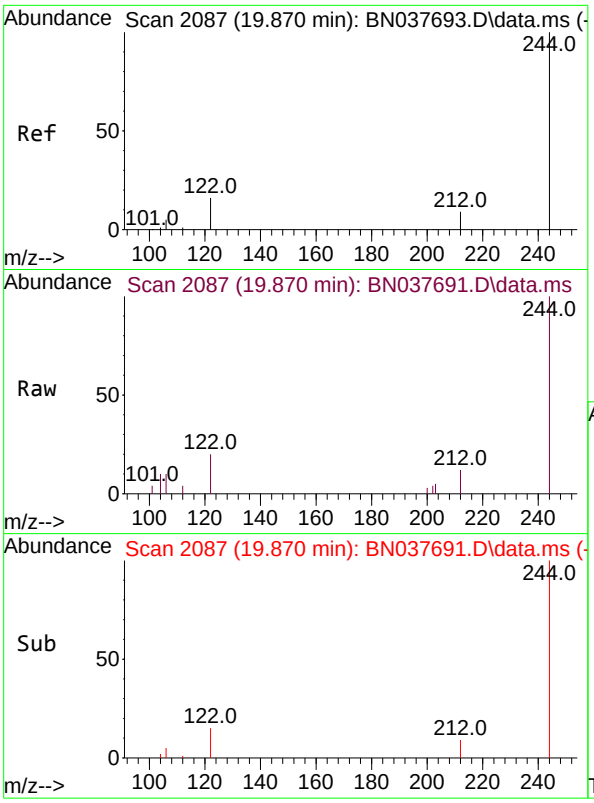


#30
Pyrene
Concen: 0.101 ng
RT: 19.661 min Scan# 2042
Delta R.T. -0.000 min
Lab File: BN037691.D
Acq: 11 Sep 2025 09:56

Tgt Ion:202 Resp: 3679

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.8	25.2
203	18.4	14.3	21.5



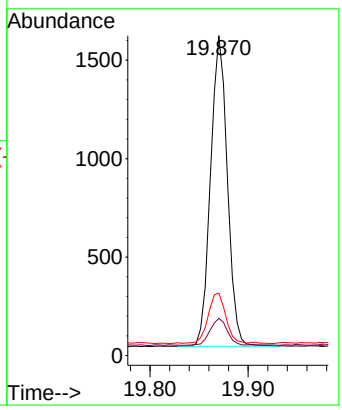


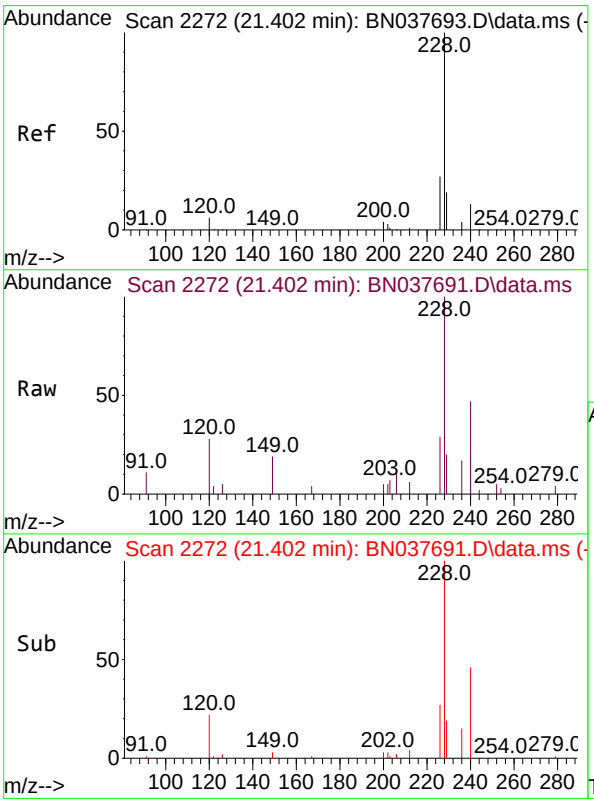
#31
Terphenyl-d14
Concen: 0.099 ng
RT: 19.870 min Scan# 20
Delta R.T. -0.000 min
Lab File: BN037691.D
Acq: 11 Sep 2025 09:56

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 1879

Ion	Ratio	Lower	Upper
244	100		
212	11.6	7.5	11.3#
122	19.5	13.2	19.8

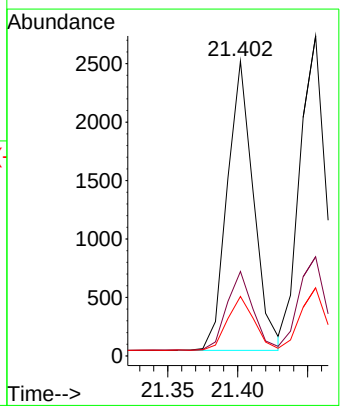


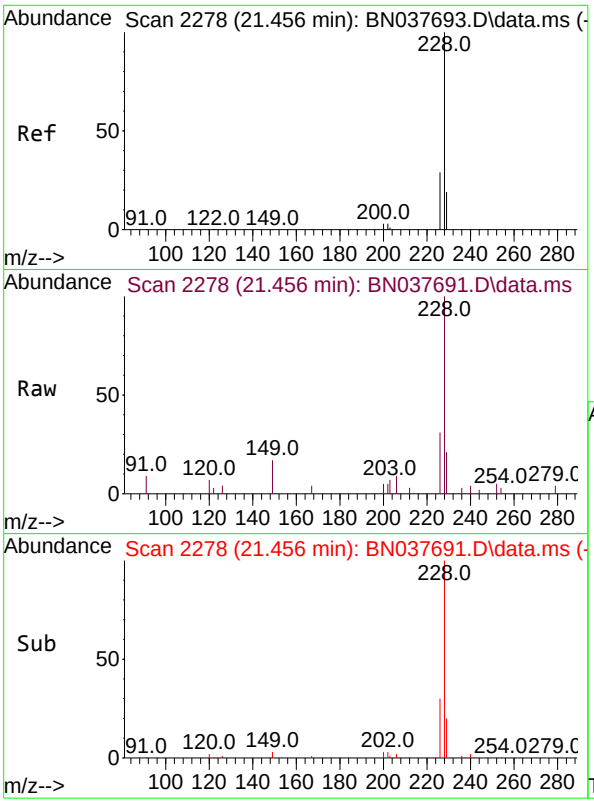


#32
Benzo(a)anthracene
Concen: 0.099 ng
RT: 21.402 min Scan# 2272
Delta R.T. -0.000 min
Lab File: BN037691.D
Acq: 11 Sep 2025 09:56

Tgt Ion:228 Resp: 3231

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.2	33.2
229	20.2	15.8	23.6



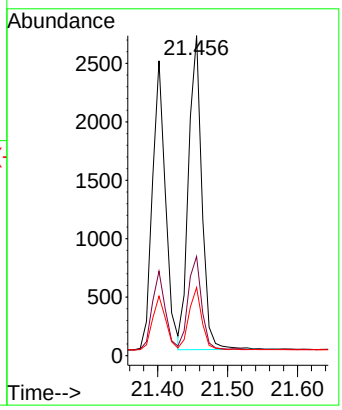


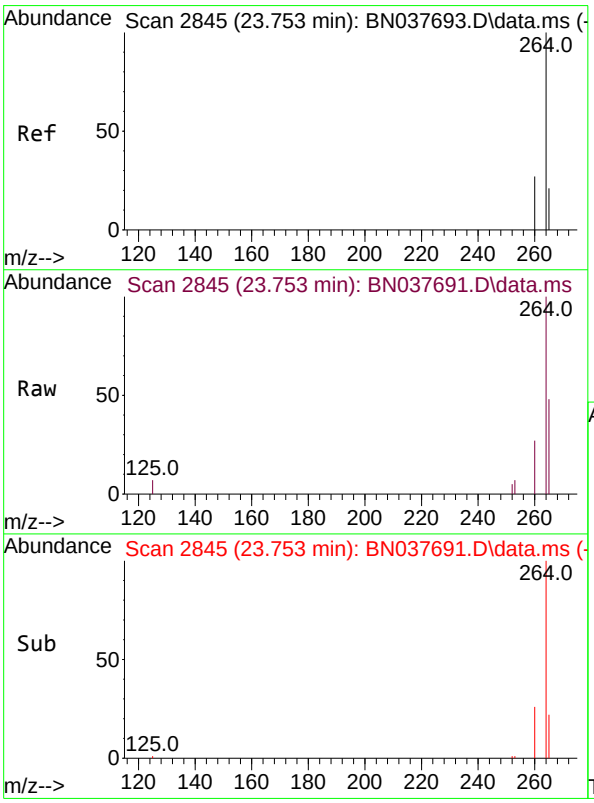
#33
Chrysene
Concen: 0.102 ng
RT: 21.456 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037691.D
Acq: 11 Sep 2025 09:56

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 3549

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.5	35.3
229	21.3	15.9	23.9

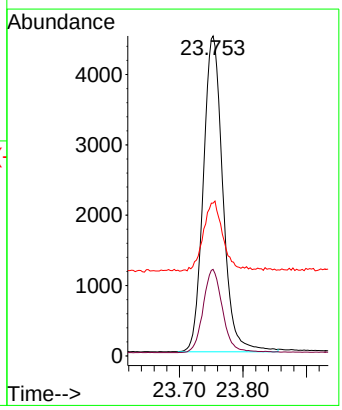


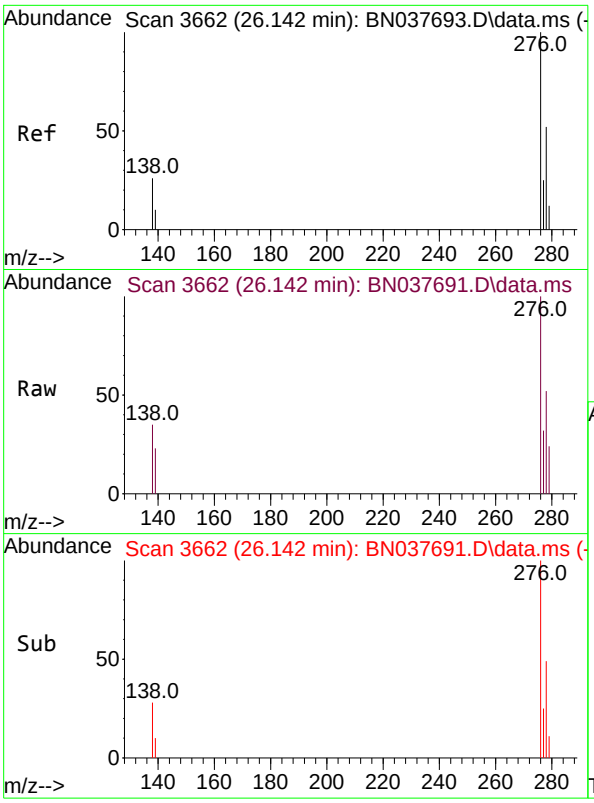


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.753 min Scan# 2845
Delta R.T. -0.000 min
Lab File: BN037691.D
Acq: 11 Sep 2025 09:56

Tgt Ion:264 Resp: 9603

Ion	Ratio	Lower	Upper
264	100		
260	27.0	21.8	32.8
265	47.7	39.4	59.2



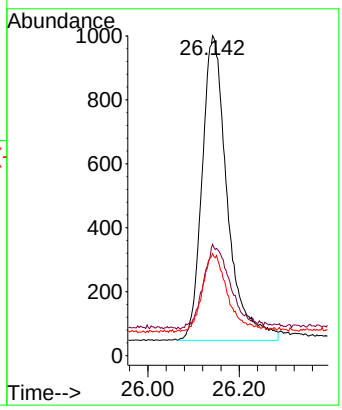


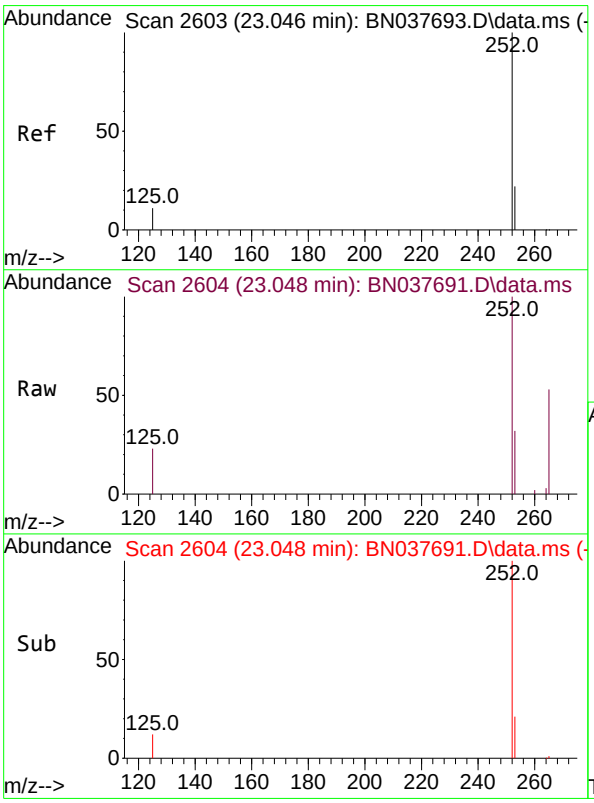
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.090 ng
RT: 26.142 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN037691.D
Acq: 11 Sep 2025 09:56

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 3642

Ion	Ratio	Lower	Upper
276	100		
138	29.4	21.9	32.9
277	23.8	20.1	30.1

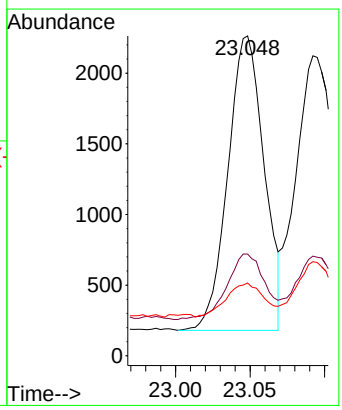


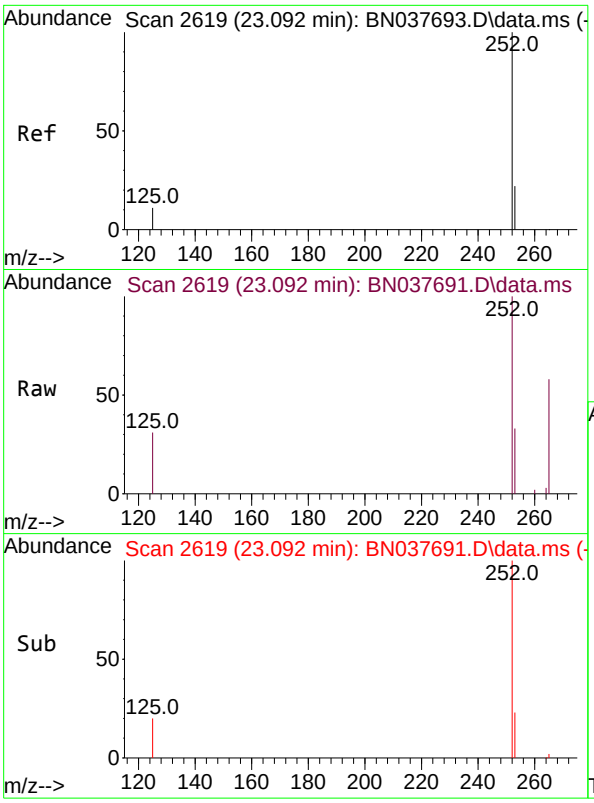


#37
Benzo(b)fluoranthene
Concen: 0.093 ng
RT: 23.048 min Scan# 2604
Delta R.T. 0.003 min
Lab File: BN037691.D
Acq: 11 Sep 2025 09:56

Tgt Ion:252 Resp: 3513

Ion	Ratio	Lower	Upper
252	100		
253	31.8	19.4	29.2#
125	22.8	11.2	16.8#



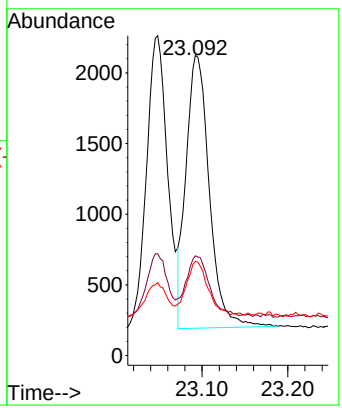


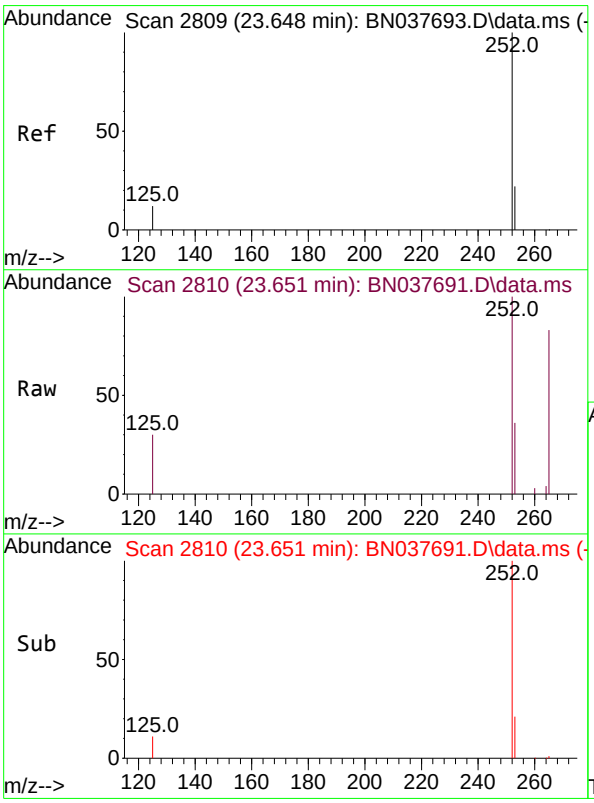
#38
Benzo(k)fluoranthene
Concen: 0.094 ng
RT: 23.092 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037691.D
Acq: 11 Sep 2025 09:56

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 3640

Ion	Ratio	Lower	Upper
252	100		
253	33.3	19.4	29.0#
125	31.4	11.6	17.4#

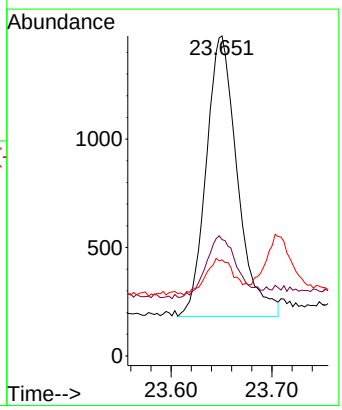


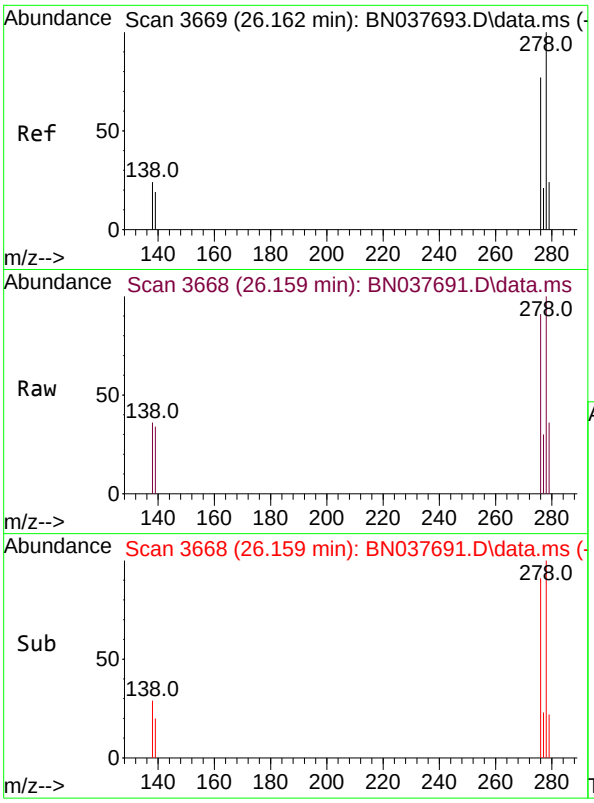


#39
Benzo(a)pyrene
Concen: 0.092 ng
RT: 23.651 min Scan# 2810
Delta R.T. 0.003 min
Lab File: BN037691.D
Acq: 11 Sep 2025 09:56

Tgt Ion:252 Resp: 2774

Ion	Ratio	Lower	Upper
252	100		
253	36.3	20.8	31.2#
125	30.0	13.9	20.9#



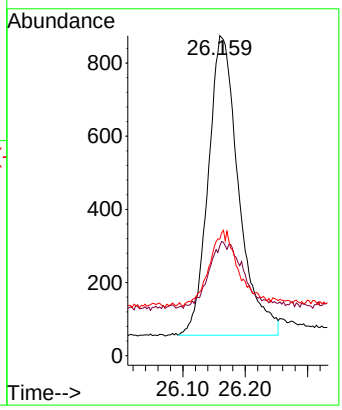


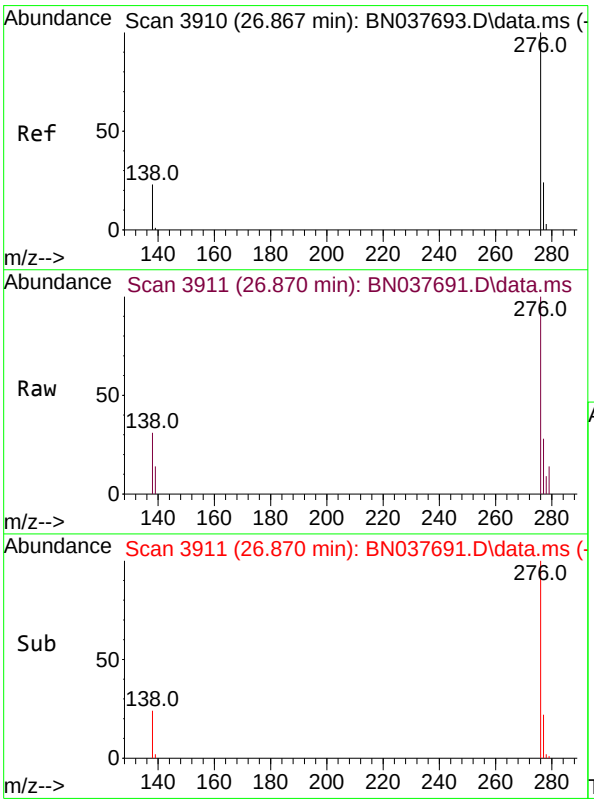
#40
Dibenzo(a,h)anthracene
Concen: 0.086 ng
RT: 26.159 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN037691.D
Acq: 11 Sep 2025 09:56

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:278 Resp: 2778

Ion	Ratio	Lower	Upper
278	100		
139	34.3	17.8	26.6#
279	36.5	22.0	33.0#





#41
Benzo(g,h,i)perylene
Concen: 0.094 ng
RT: 26.870 min Scan# 3911
Delta R.T. 0.003 min
Lab File: BN037691.D
Acq: 11 Sep 2025 09:56

Tgt Ion:276 Resp: 3393

Ion	Ratio	Lower	Upper
276	100		
277	28.3	20.6	31.0
138	31.4	20.2	30.2#