Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060325\
Data File : BN037143.D
Acq On : 03 Jun 2025 11:39
Operator : RC/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Jun 04 01:41:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:40:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.590	152	2014	0.400	ng		0.00
7) Naphthalene-d8	10.372	136	4942	0.400	ng		0.00
13) Acenaphthene-d10	14.235	164	2688	0.400	ng		0.00
19) Phenanthrene-d10	16.984	188	5431	0.400	ng		0.00
29) Chrysene-d12	21.189	240	3598	0.400	ng	#	0.00
35) Perylene-d12	23.380	264	3208	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.184	112	517	0.104	ng		0.00
5) Phenol-d6	6.766	99	582	0.096	ng		0.00
8) Nitrobenzene-d5	8.739	82	486	0.093	ng		0.00
11) 2-Methylnaphthalene-d10	11.966	152	643	0.093	ng		0.00
14) 2,4,6-Tribromophenol	15.743	330	83	0.077	ng		0.00
15) 2-Fluorobiphenyl	12.858	172	1157	0.101	ng		0.00
27) Fluoranthene-d10	19.026	212	1316	0.095	ng		0.00
31) Terphenyl-d14	19.635	244	867	0.102	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.119	88	301	0.112	ng		97
3) n-Nitrosodimethylamine	3.444	42	553	0.103	ng		95
6) bis(2-Chloroethyl)ether	7.019	93	573	0.099	ng		95
9) Naphthalene	10.415	128	1462	0.103	ng	#	93
10) Hexachlorobutadiene	10.703	225	312	0.100	ng	#	98
12) 2-Methylnaphthalene	12.042	142	870	0.095	ng		97
16) Acenaphthylene	13.957	152	1308	0.099	ng		100
17) Acenaphthene	14.299	154	867	0.101	ng		99
18) Fluorene	15.293	166	1143	0.102	ng		99
21) 4-Bromophenyl-phenylether	16.190	248	347	0.097	ng		96
22) Hexachlorobenzene	16.301	284	392	0.102	ng		99
23) Atrazine	16.463	200	264	0.090	ng	#	91
25) Phenanthrene	17.034	178	1745	0.099	ng		98
26) Anthracene	17.120	178	1491	0.093	ng		98
28) Fluoranthene	19.054	202	1818	0.094	ng		99
30) Pyrene	19.421	202	1845	0.105	ng		99
32) Benzo(a)anthracene	21.171	228	1231	0.095	ng		93
33) Chrysene	21.225	228	1579	0.109	ng		97
34) Bis(2-ethylhexyl)phtha...	21.117	149	928	0.113	ng		97
36) Indeno(1,2,3-cd)pyrene	25.576	276	1157	0.091	ng		97
37) Benzo(b)fluoranthene	22.725	252	1226	0.095	ng	#	65
38) Benzo(k)fluoranthene	22.766	252	1264	0.096	ng	#	64
39) Benzo(a)pyrene	23.284	252	1051	0.097	ng	#	52
40) Dibenzo(a,h)anthracene	25.594	278	861	0.087	ng	#	56
41) Benzo(g,h,i)perylene	26.248	276	1097	0.097	ng	#	82

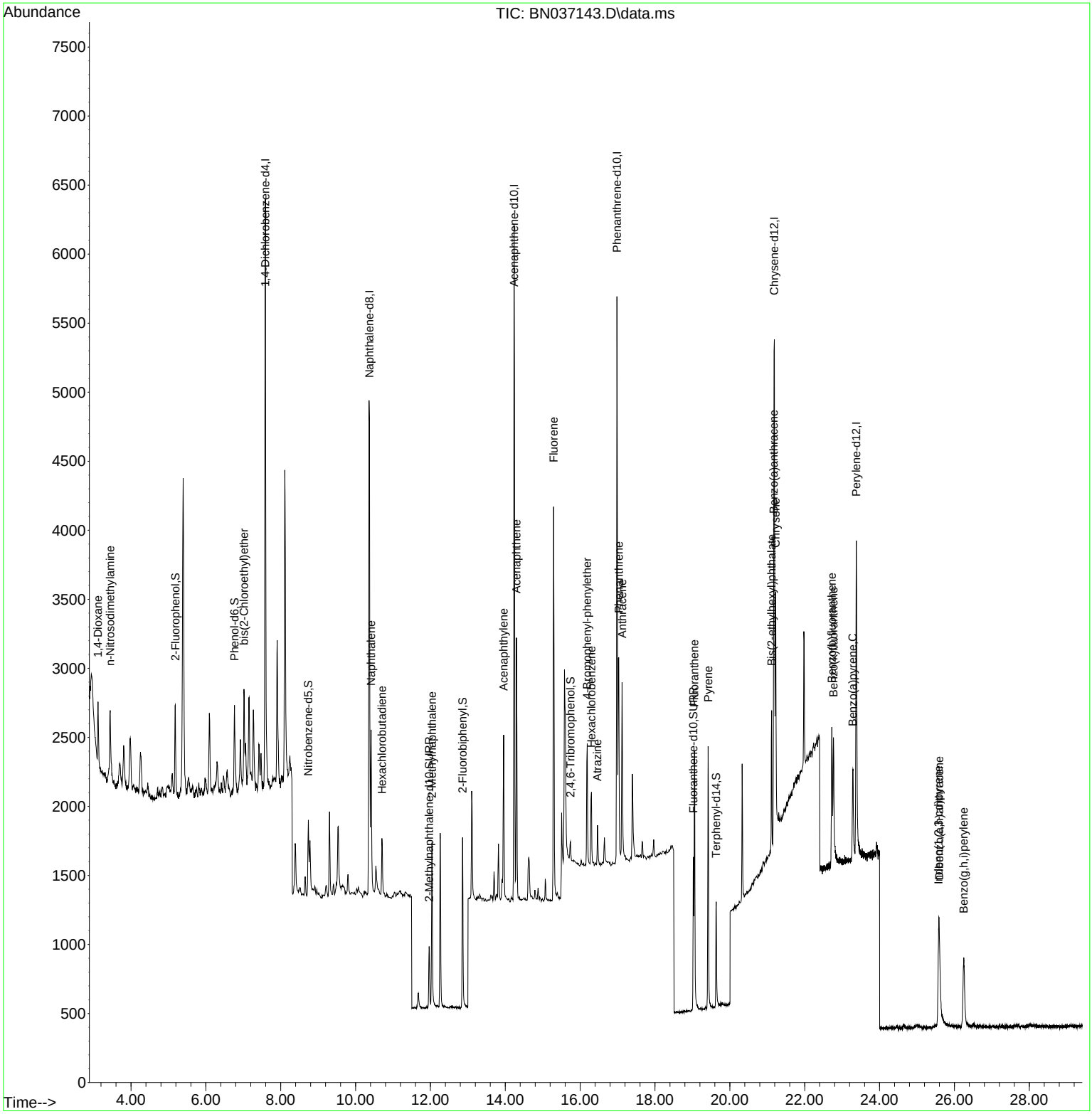
(#) = qualifier out of range (m) = manual integration (+) = signals summed

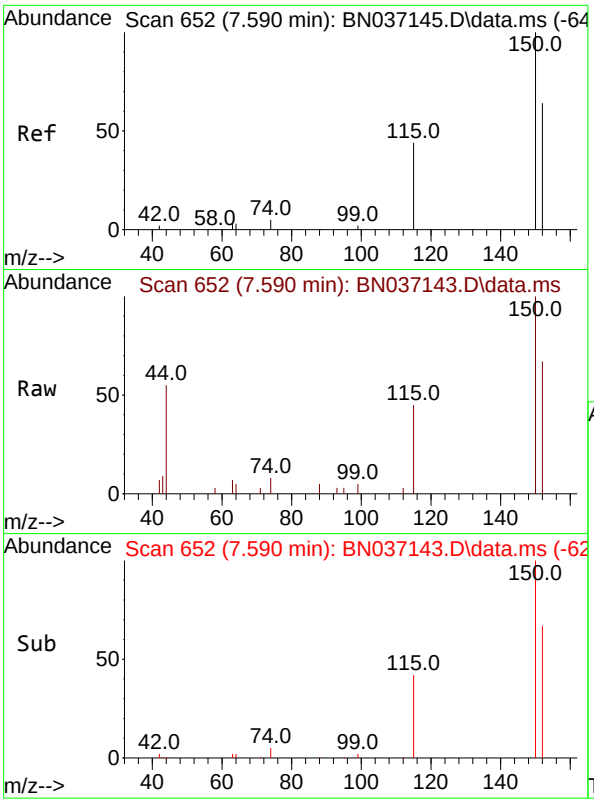
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060325\
Data File : BN037143.D
Acq On : 03 Jun 2025 11:39
Operator : RC/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Jun 04 01:41:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:40:18 2025
Response via : Initial Calibration



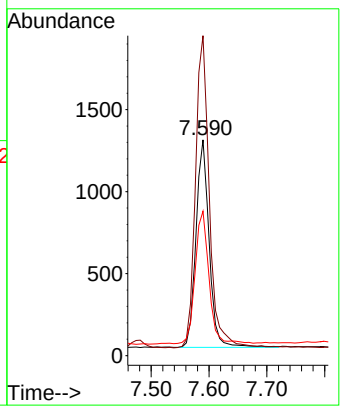


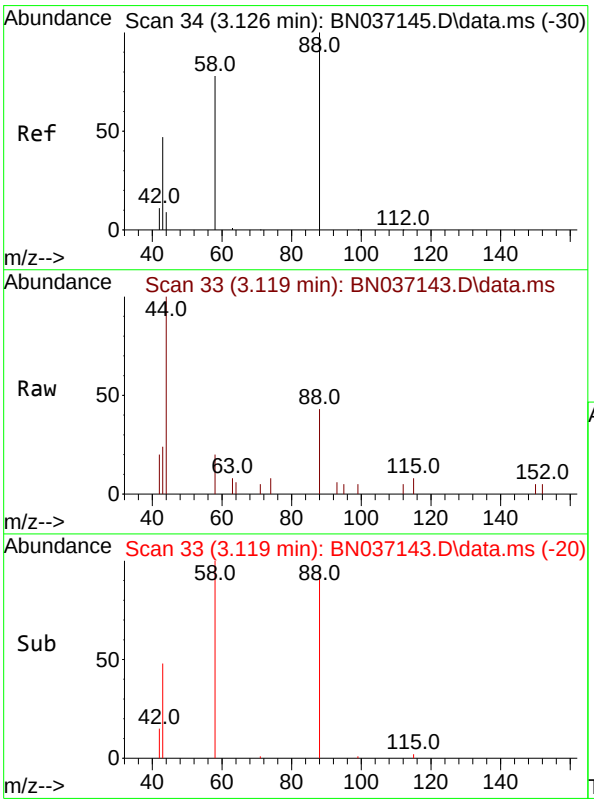
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.590 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN037143.D
Acq: 03 Jun 2025 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 2014

Ion	Ratio	Lower	Upper
152	100		
150	148.3	123.2	184.8
115	66.9	56.6	85.0

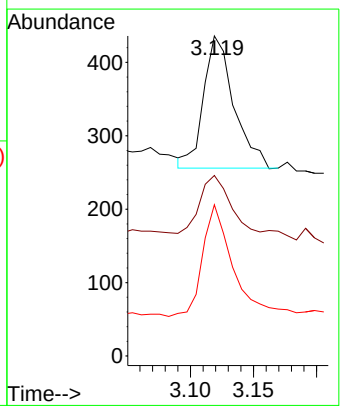


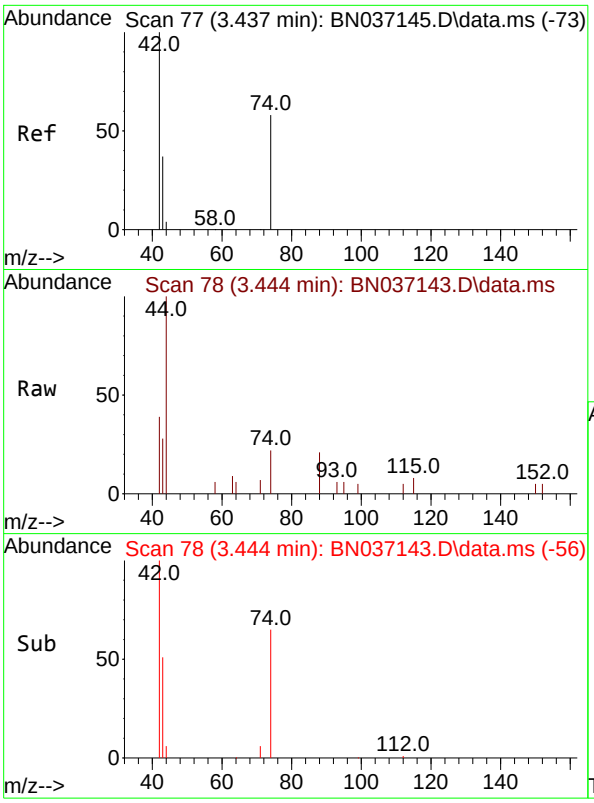


#2
1,4-Dioxane
Concen: 0.112 ng
RT: 3.119 min Scan# 33
Delta R.T. -0.007 min
Lab File: BN037143.D
Acq: 03 Jun 2025 11:39

Tgt Ion: 88 Resp: 301

Ion	Ratio	Lower	Upper
88	100		
43	58.8	43.5	65.3
58	85.4	67.7	101.5



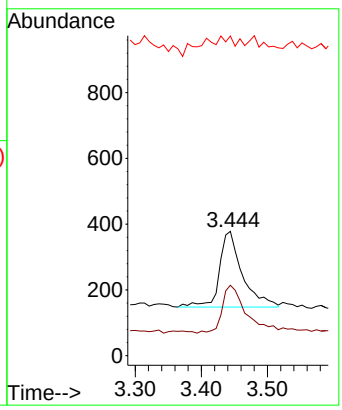


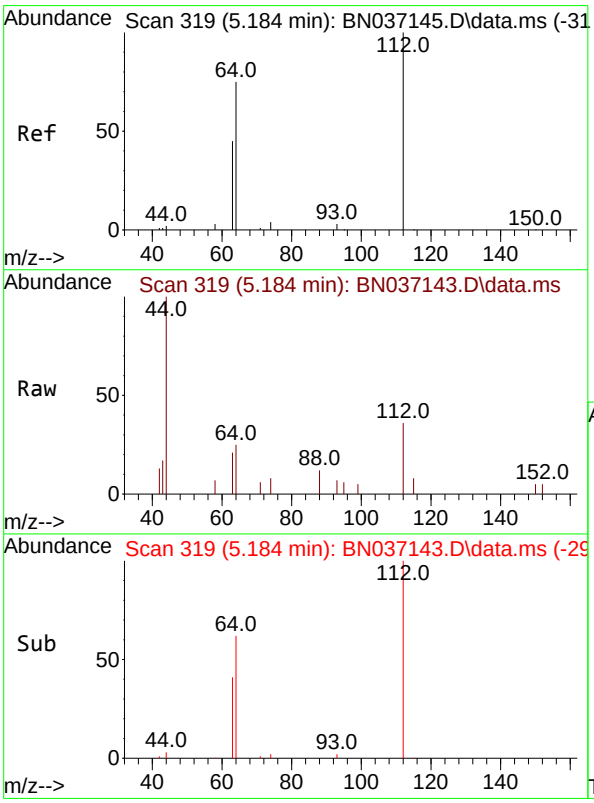
#3
n-Nitrosodimethylamine
Concen: 0.103 ng
RT: 3.444 min Scan# 7
Delta R.T. 0.007 min
Lab File: BN037143.D
Acq: 03 Jun 2025 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 42 Resp: 553

Ion	Ratio	Lower	Upper
42	100		
74	70.2	53.0	79.4
44	6.9	5.9	8.9

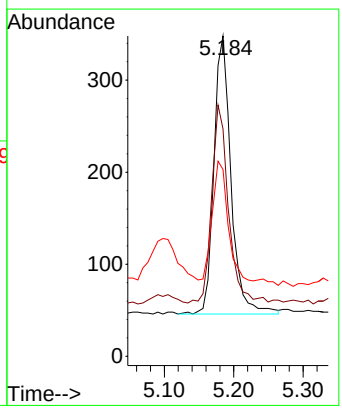


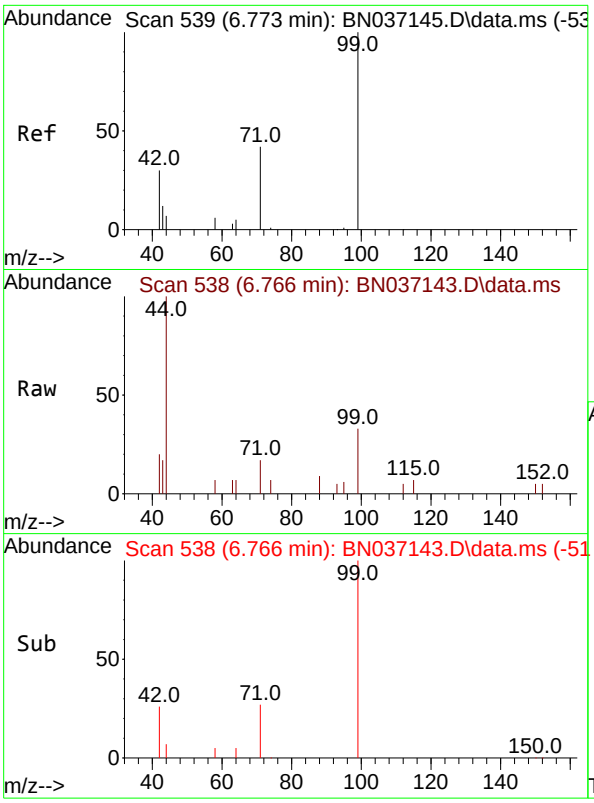


#4
2-Fluorophenol
Concen: 0.104 ng
RT: 5.184 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN037143.D
Acq: 03 Jun 2025 11:39

Tgt Ion:112 Resp: 517

Ion	Ratio	Lower	Upper
112	100		
64	70.8	56.3	84.5
63	39.7	36.2	54.4



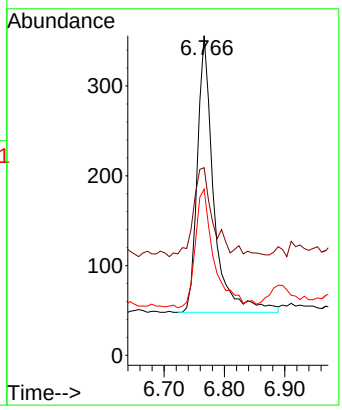


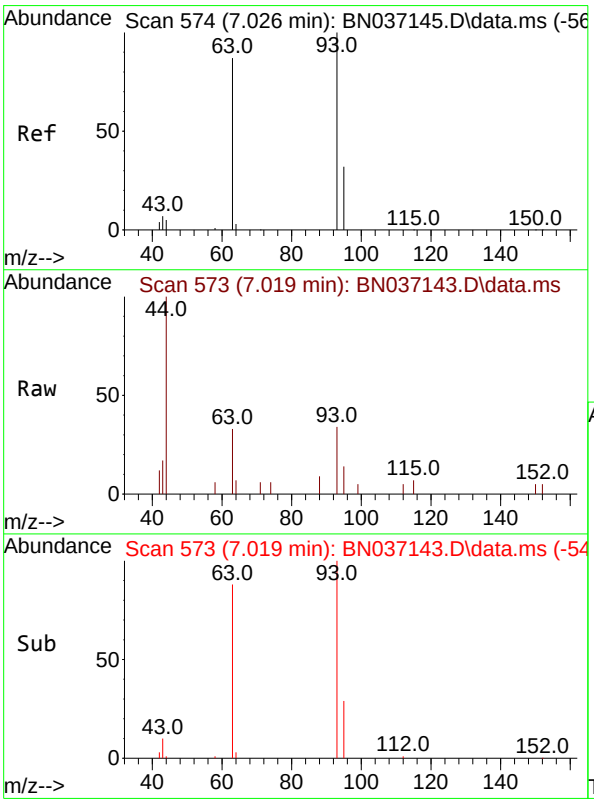
#5
Phenol-d6
Concen: 0.096 ng
RT: 6.766 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN037143.D
Acq: 03 Jun 2025 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 582

Ion	Ratio	Lower	Upper
99	100		
42	37.3	31.3	46.9
71	49.7	38.2	57.2

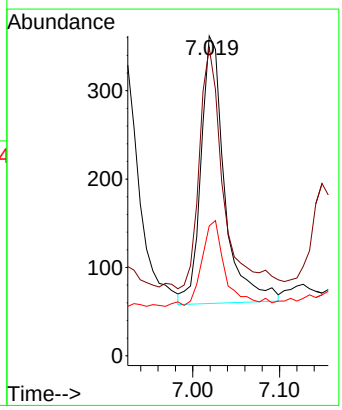


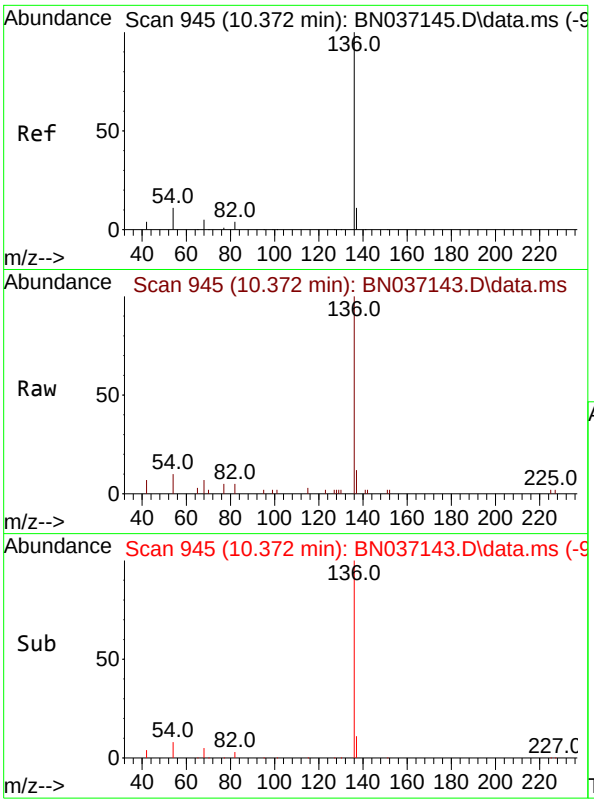


#6
bis(2-Chloroethyl)ether
Concen: 0.099 ng
RT: 7.019 min Scan# 573
Delta R.T. -0.007 min
Lab File: BN037143.D
Acq: 03 Jun 2025 11:39

Tgt Ion: 93 Resp: 573

Ion	Ratio	Lower	Upper
93	100		
63	91.4	68.6	103.0
95	31.6	24.3	36.5



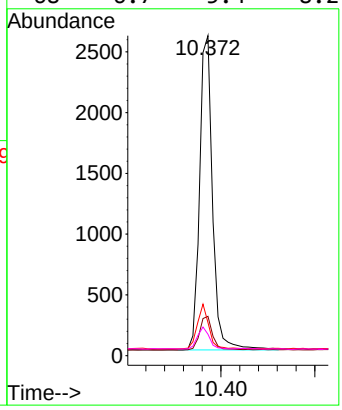


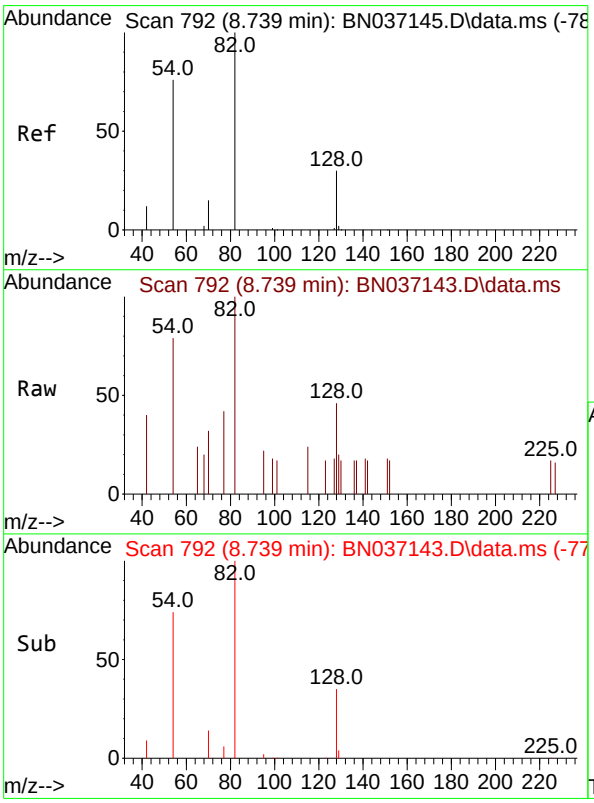
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.372 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN037143.D
Acq: 03 Jun 2025 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 4942

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.7	14.5
54	10.3	9.7	14.5
68	6.7	5.4	8.2

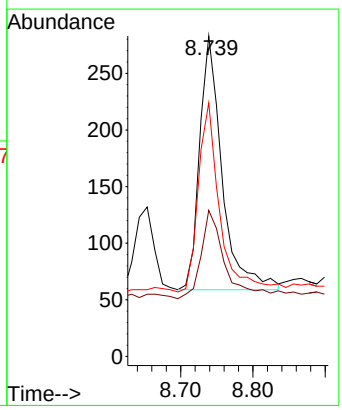


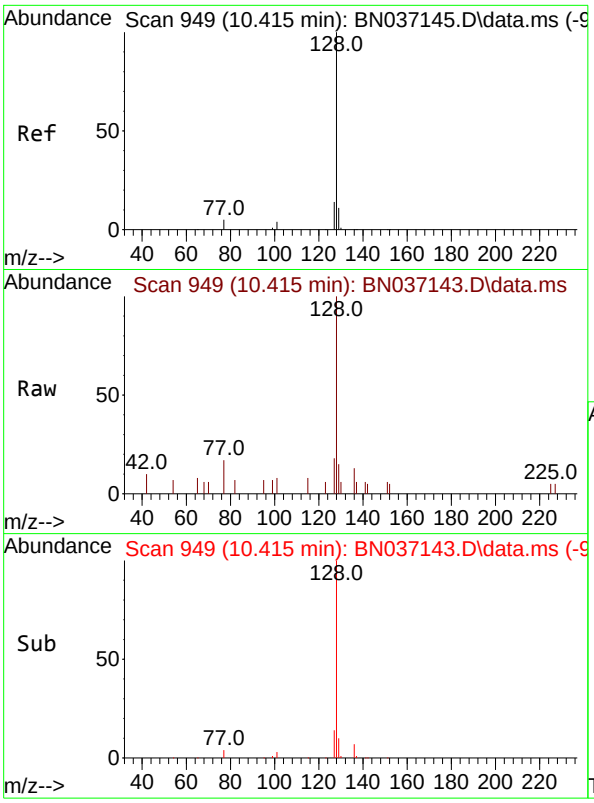


#8
Nitrobenzene-d5
Concen: 0.093 ng
RT: 8.739 min Scan# 792
Delta R.T. 0.000 min
Lab File: BN037143.D
Acq: 03 Jun 2025 11:39

Tgt Ion: 82 Resp: 486

Ion	Ratio	Lower	Upper
82	100		
128	45.6	26.9	40.3#
54	79.2	61.4	92.2



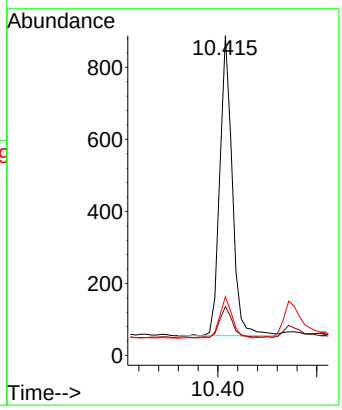


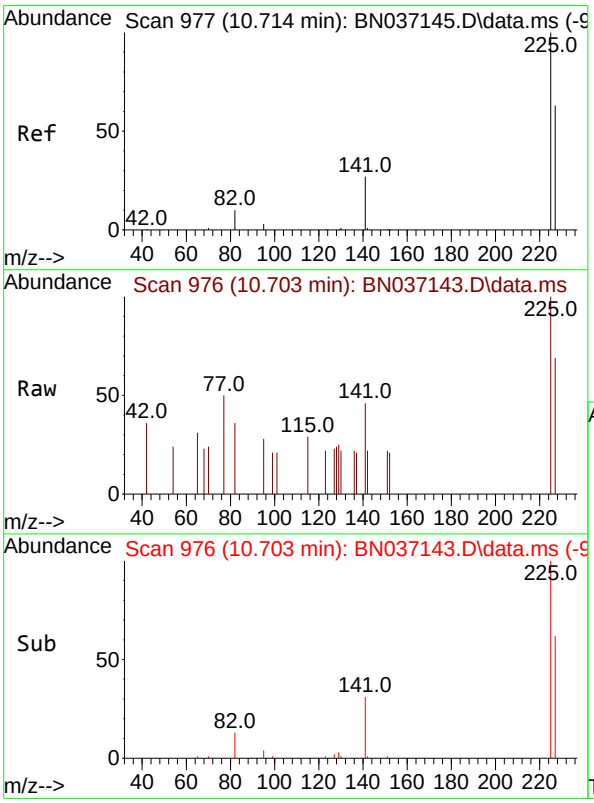
#9
Naphthalene
Concen: 0.103 ng
RT: 10.415 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN037143.D
Acq: 03 Jun 2025 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 1462

Ion	Ratio	Lower	Upper
128	100		
129	15.3	9.8	14.8#
127	18.4	12.3	18.5

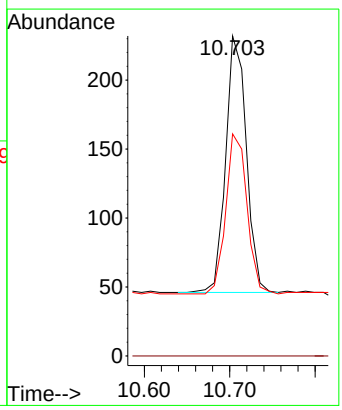


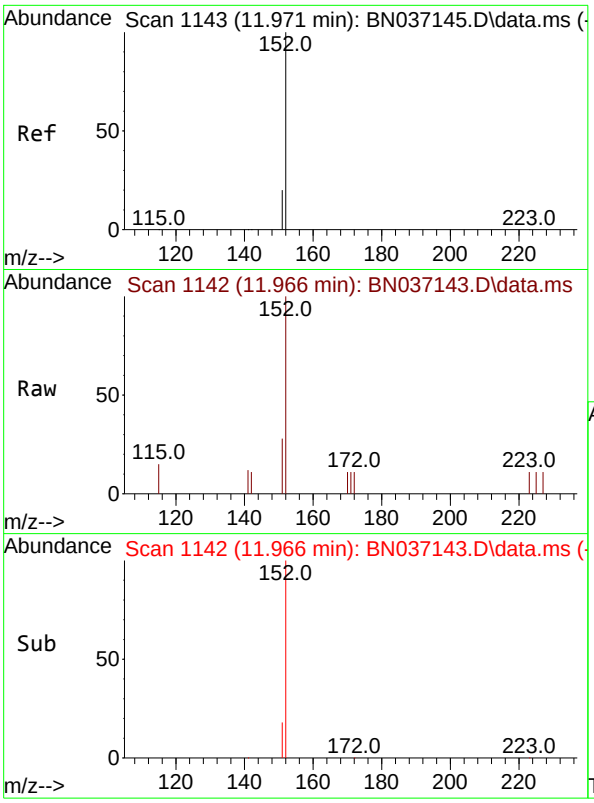


#10
Hexachlorobutadiene
Concen: 0.100 ng
RT: 10.703 min Scan# 976
Delta R.T. -0.011 min
Lab File: BN037143.D
Acq: 03 Jun 2025 11:39

Tgt Ion:225 Resp: 312

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.1	50.3	75.5



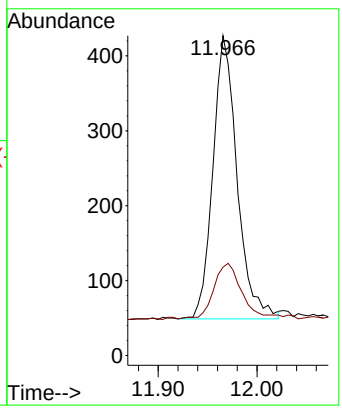


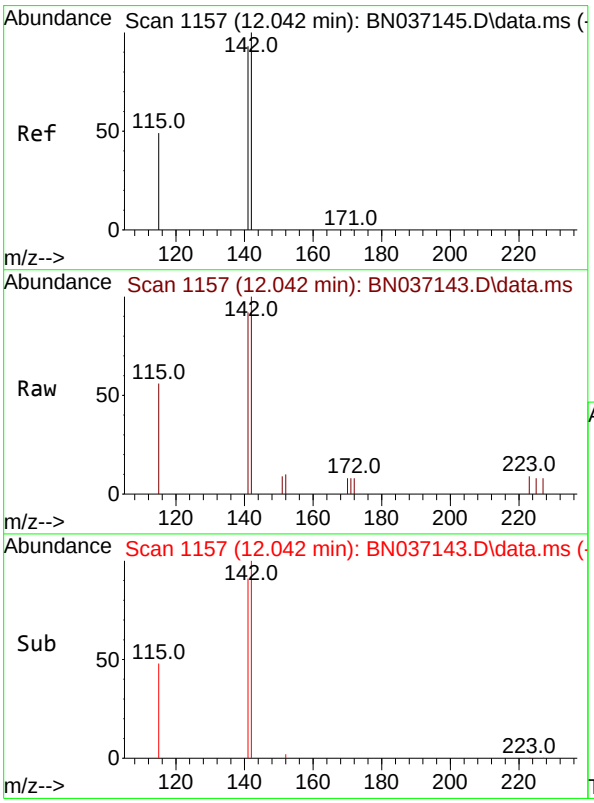
#11
2-Methylnaphthalene-d10
Concen: 0.093 ng
RT: 11.966 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037143.D
Acq: 03 Jun 2025 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 643

Ion	Ratio	Lower	Upper
152	100		
151	23.0	17.1	25.7

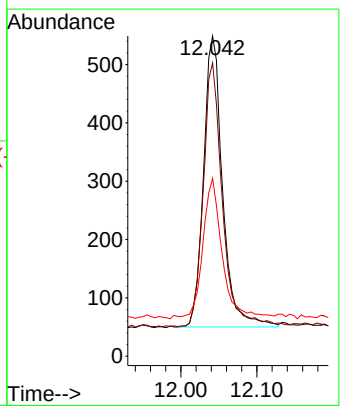


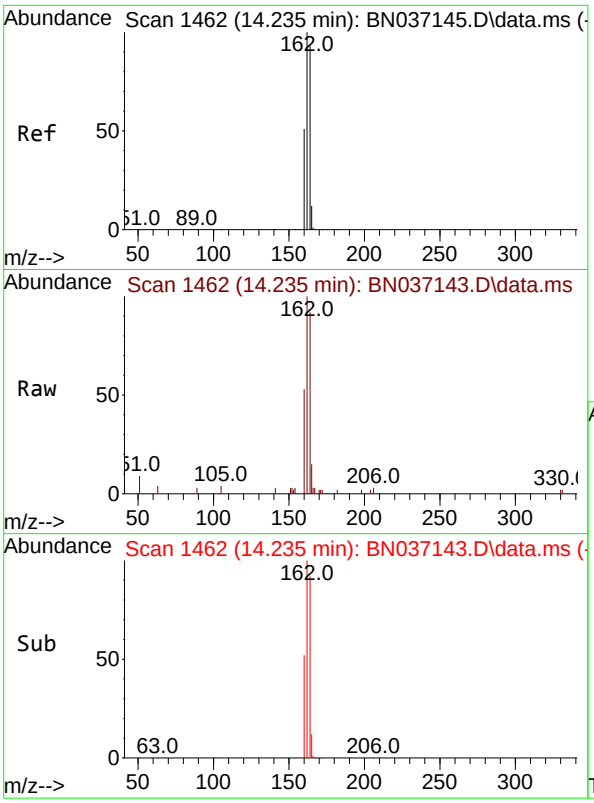


#12
2-Methylnaphthalene
Concen: 0.095 ng
RT: 12.042 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BN037143.D
Acq: 03 Jun 2025 11:39

Tgt Ion:142 Resp: 870

Ion	Ratio	Lower	Upper
142	100		
141	91.6	74.6	111.8
115	55.6	41.0	61.4



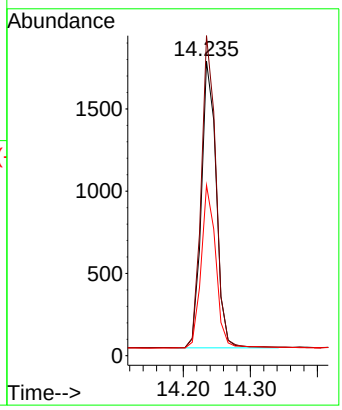


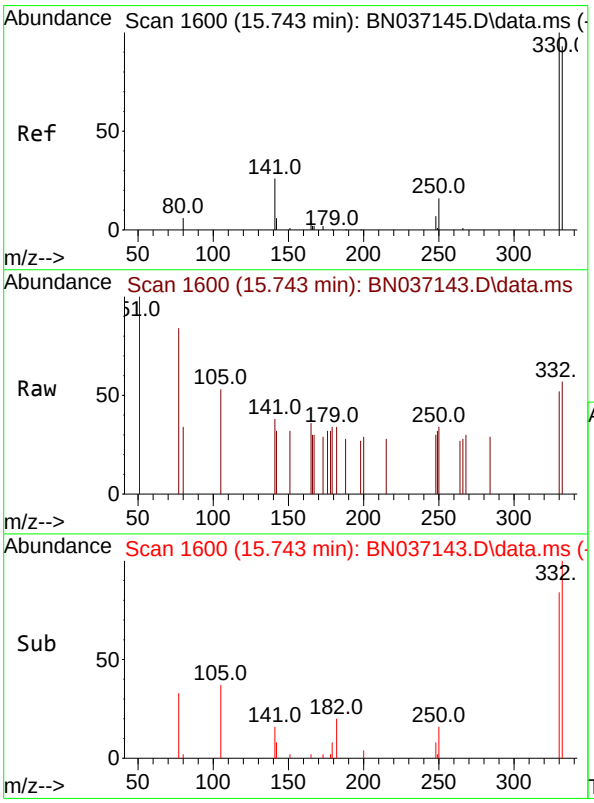
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.235 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN037143.D
Acq: 03 Jun 2025 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:164 Resp: 2688

Ion	Ratio	Lower	Upper
164	100		
162	108.7	85.5	128.3
160	57.9	44.6	67.0

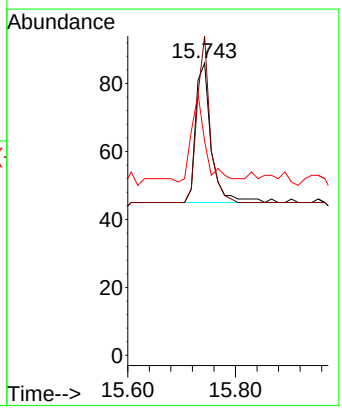


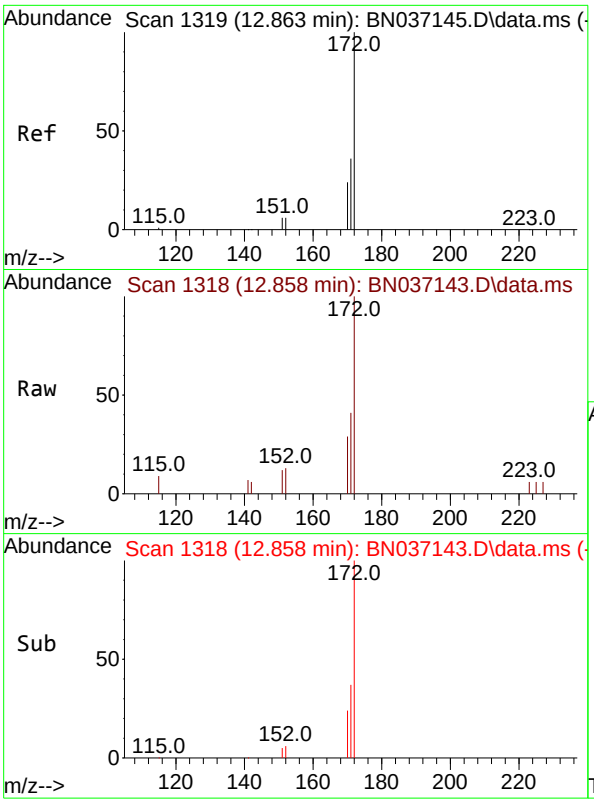


#14
2,4,6-Tribromophenol
Concen: 0.077 ng
RT: 15.743 min Scan# 1600
Delta R.T. 0.000 min
Lab File: BN037143.D
Acq: 03 Jun 2025 11:39

Tgt Ion:330 Resp: 83

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.1	115.7
141	56.6	46.4	69.6



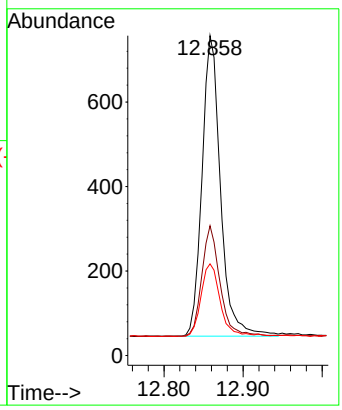


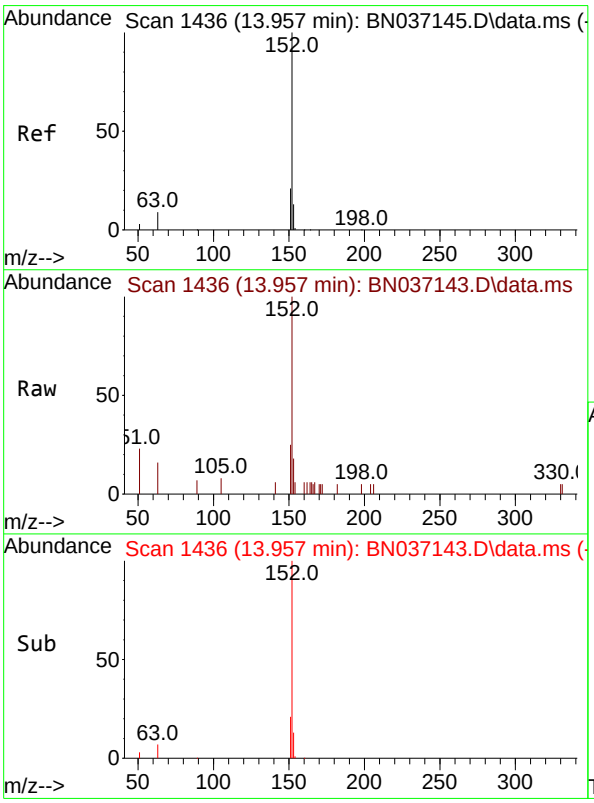
#15
2-Fluorobiphenyl
Concen: 0.101 ng
RT: 12.858 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN037143.D
Acq: 03 Jun 2025 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 1157

Ion	Ratio	Lower	Upper
172	100		
171	40.6	29.6	44.4
170	28.7	20.3	30.5

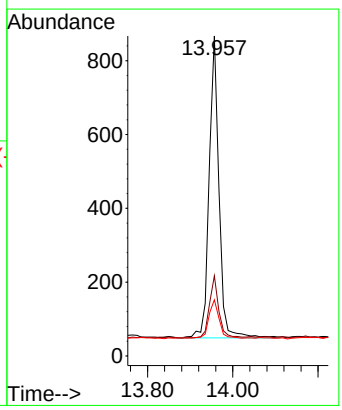


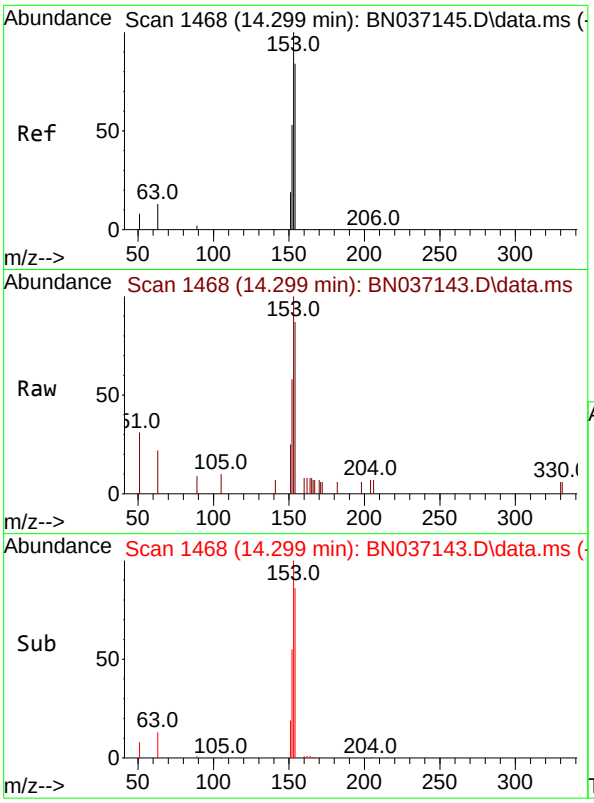


#16
Acenaphthylene
Concen: 0.099 ng
RT: 13.957 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BN037143.D
Acq: 03 Jun 2025 11:39

Tgt Ion:152 Resp: 1308

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	13.1	10.6	15.8



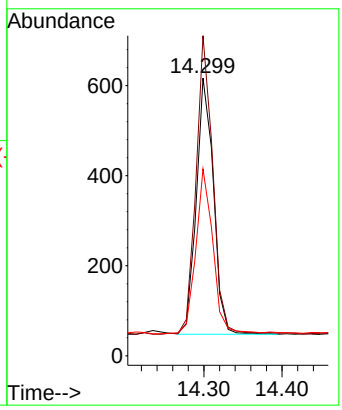


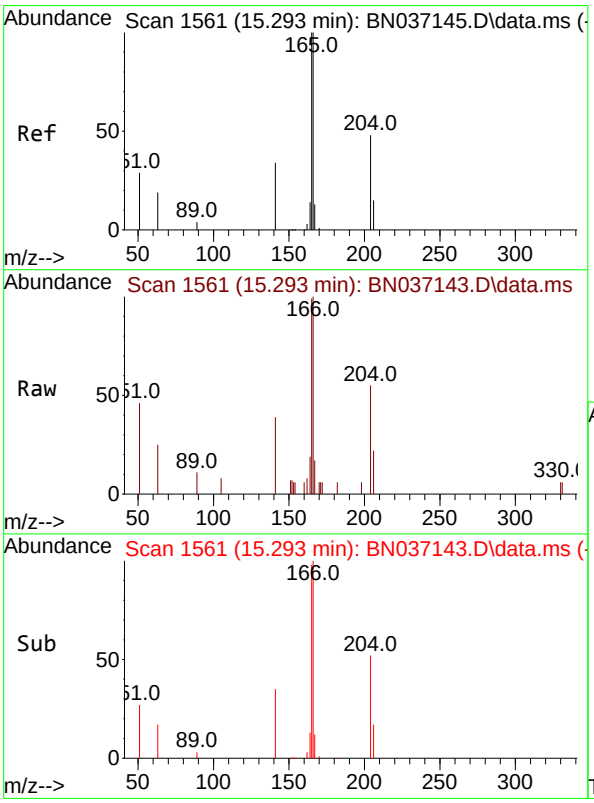
#17
Acenaphthene
Concen: 0.101 ng
RT: 14.299 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN037143.D
Acq: 03 Jun 2025 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:154 Resp: 867

Ion	Ratio	Lower	Upper
154	100		
153	115.6	93.8	140.8
152	64.1	50.5	75.7

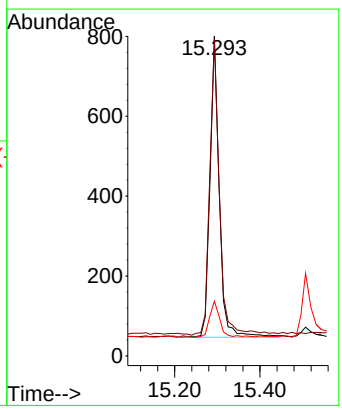


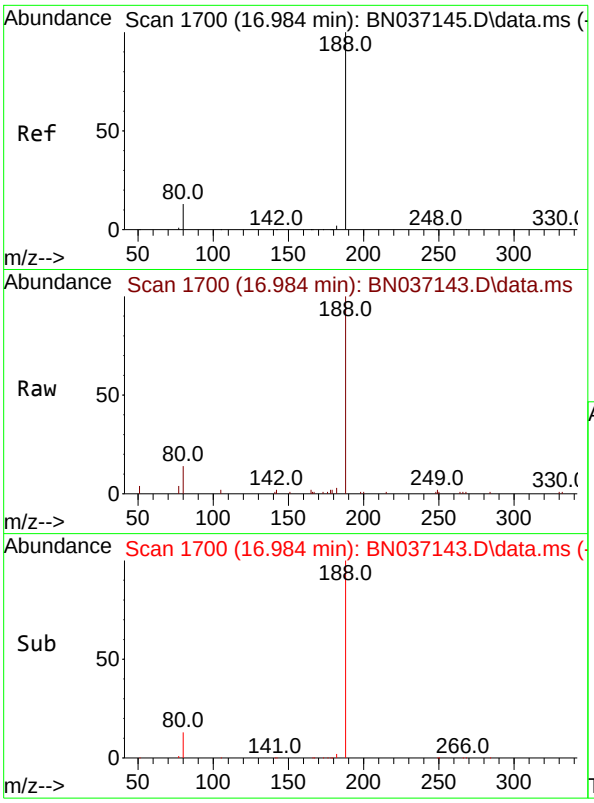


#18
Fluorene
Concen: 0.102 ng
RT: 15.293 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BN037143.D
Acq: 03 Jun 2025 11:39

Tgt Ion:166 Resp: 1143

Ion	Ratio	Lower	Upper
166	100		
165	102.8	81.1	121.7
167	13.3	10.8	16.2



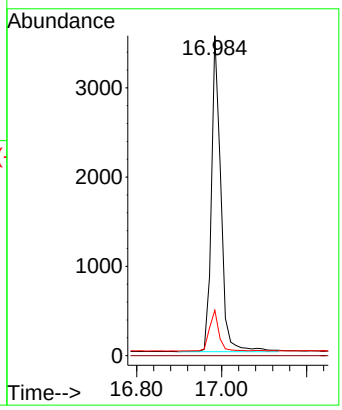


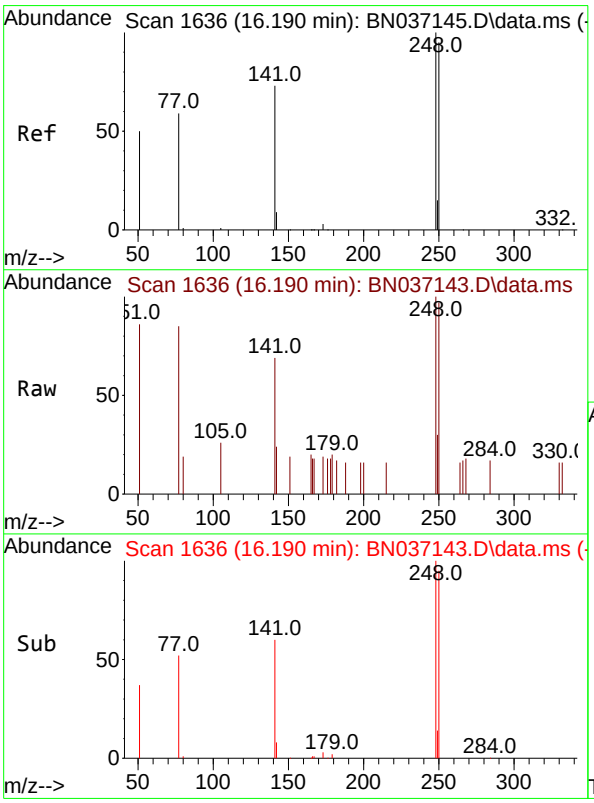
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.984 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037143.D
Acq: 03 Jun 2025 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:188 Resp: 5431

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.2	11.3	16.9

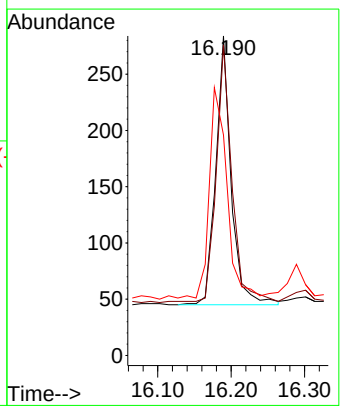


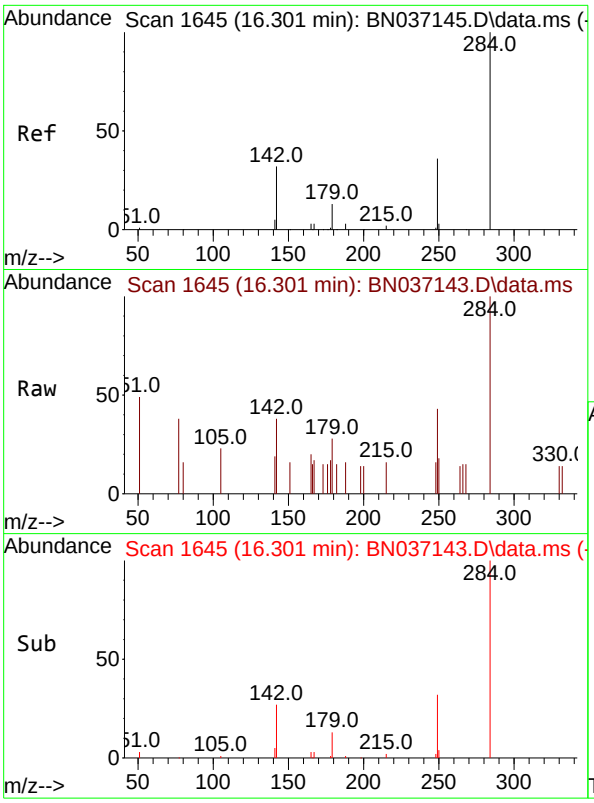


#21
4-Bromophenyl-phenylether
Concen: 0.097 ng
RT: 16.190 min Scan# 1636
Delta R.T. 0.000 min
Lab File: BN037143.D
Acq: 03 Jun 2025 11:39

Tgt Ion:248 Resp: 347

Ion	Ratio	Lower	Upper
248	100		
250	97.2	76.1	114.1
141	69.0	60.1	90.1



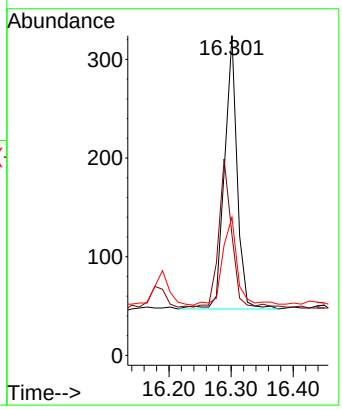


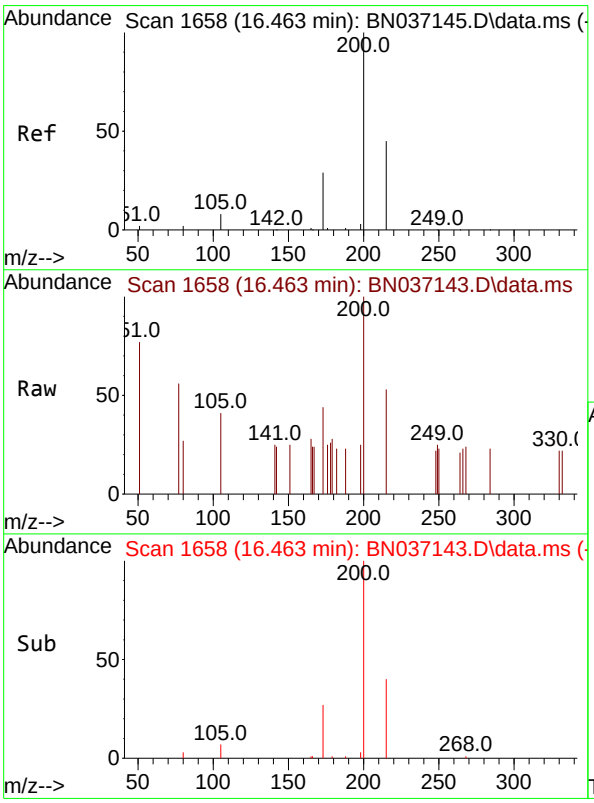
#22
Hexachlorobenzene
Concen: 0.102 ng
RT: 16.301 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN037143.D
Acq: 03 Jun 2025 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:284 Resp: 392

Ion	Ratio	Lower	Upper
284	100		
142	54.1	44.0	66.0
249	37.5	29.7	44.5

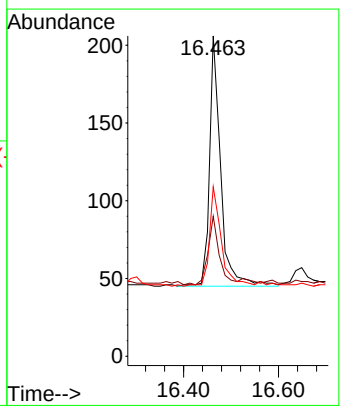


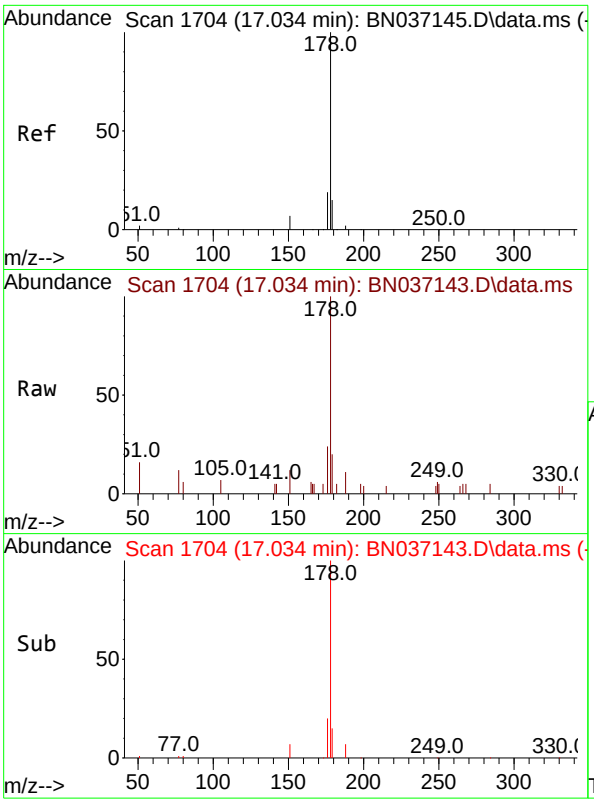


#23
Atrazine
Concen: 0.090 ng
RT: 16.463 min Scan# 1658
Delta R.T. 0.000 min
Lab File: BN037143.D
Acq: 03 Jun 2025 11:39

Tgt Ion:200 Resp: 264

Ion	Ratio	Lower	Upper
200	100		
173	43.7	28.1	42.1#
215	52.9	39.3	58.9



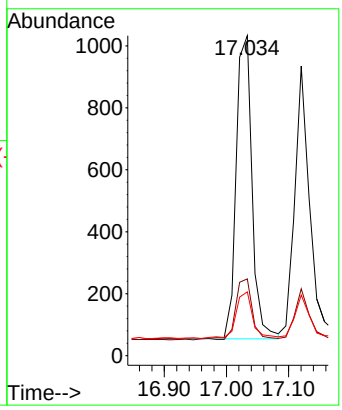


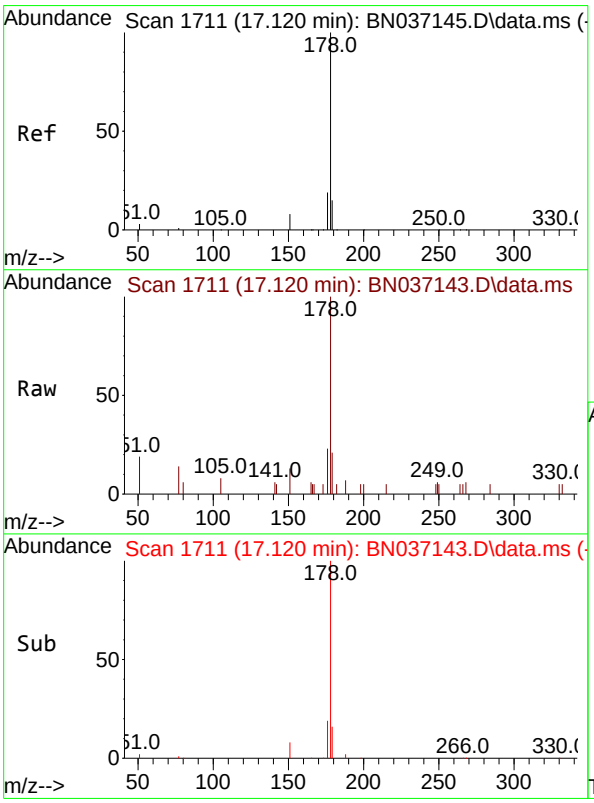
#25
Phenanthrene
Concen: 0.099 ng
RT: 17.034 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037143.D
Acq: 03 Jun 2025 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 1745

Ion	Ratio	Lower	Upper
178	100		
176	21.3	15.7	23.5
179	15.6	12.3	18.5

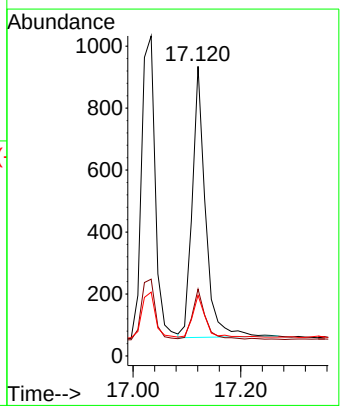


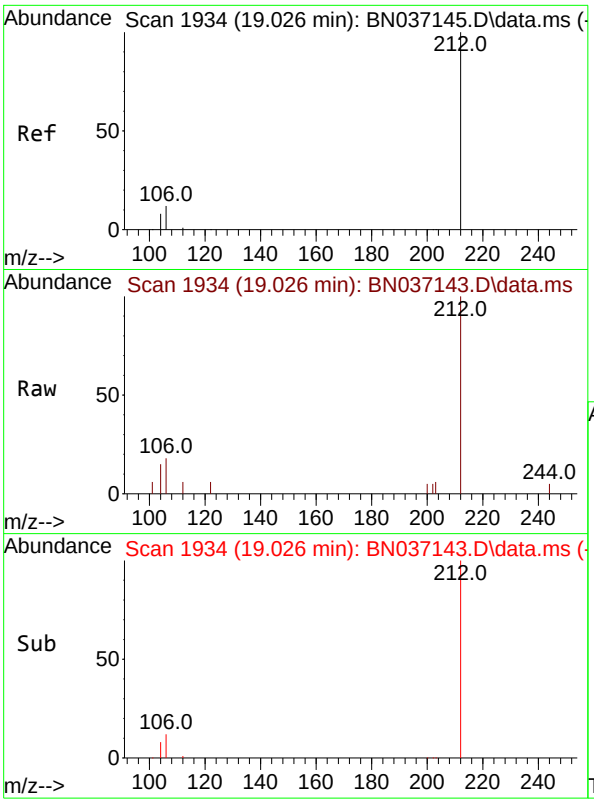


#26
Anthracene
Concen: 0.093 ng
RT: 17.120 min Scan# 1711
Delta R.T. 0.000 min
Lab File: BN037143.D
Acq: 03 Jun 2025 11:39

Tgt Ion:178 Resp: 1491

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.2	22.8
179	15.8	12.9	19.3



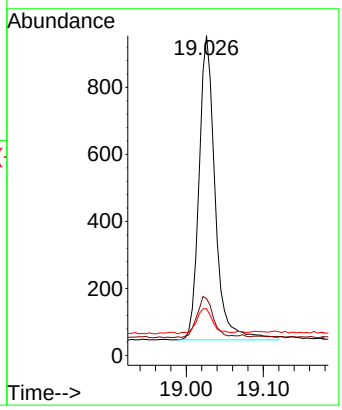


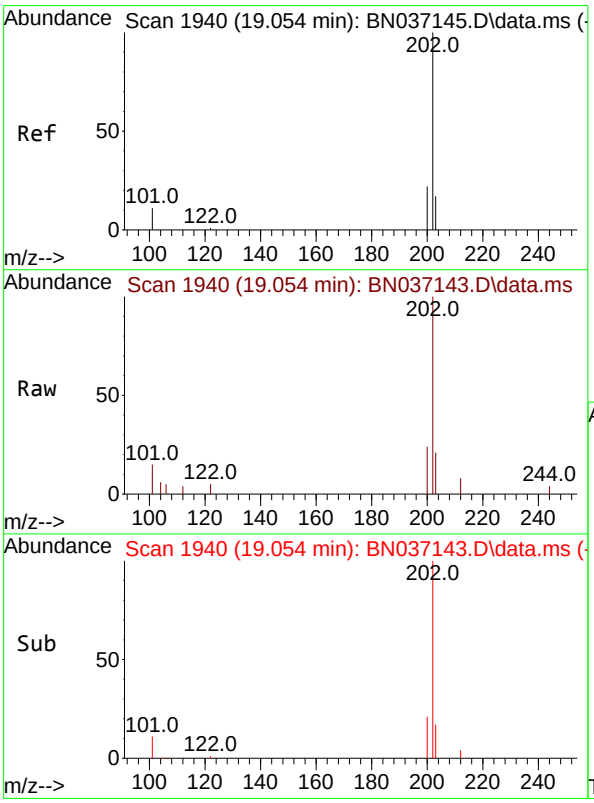
#27
Fluoranthene-d10
Concen: 0.095 ng
RT: 19.026 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037143.D
Acq: 03 Jun 2025 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:212 Resp: 1316

Ion	Ratio	Lower	Upper
212	100		
106	13.6	10.6	15.8
104	8.4	6.6	9.8

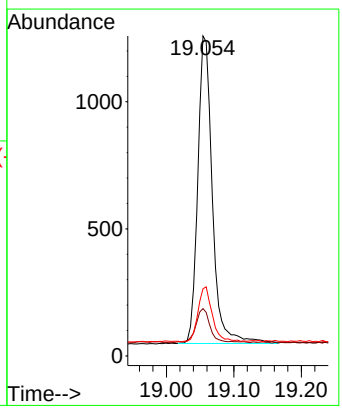


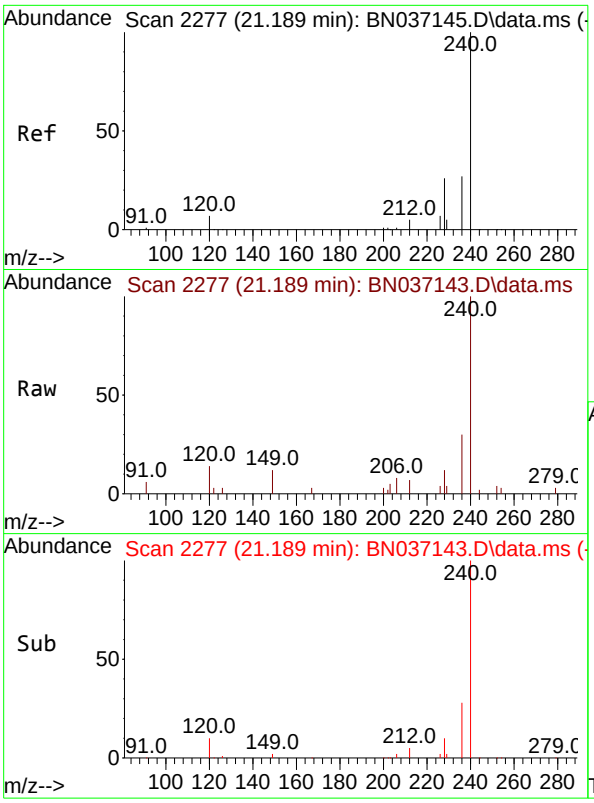


#28
Fluoranthene
Concen: 0.094 ng
RT: 19.054 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BN037143.D
Acq: 03 Jun 2025 11:39

Tgt Ion:202 Resp: 1818

Ion	Ratio	Lower	Upper
202	100		
101	11.5	8.7	13.1
203	17.4	13.5	20.3



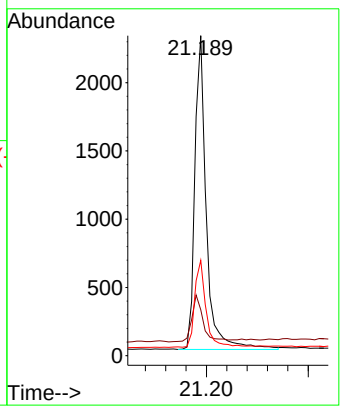


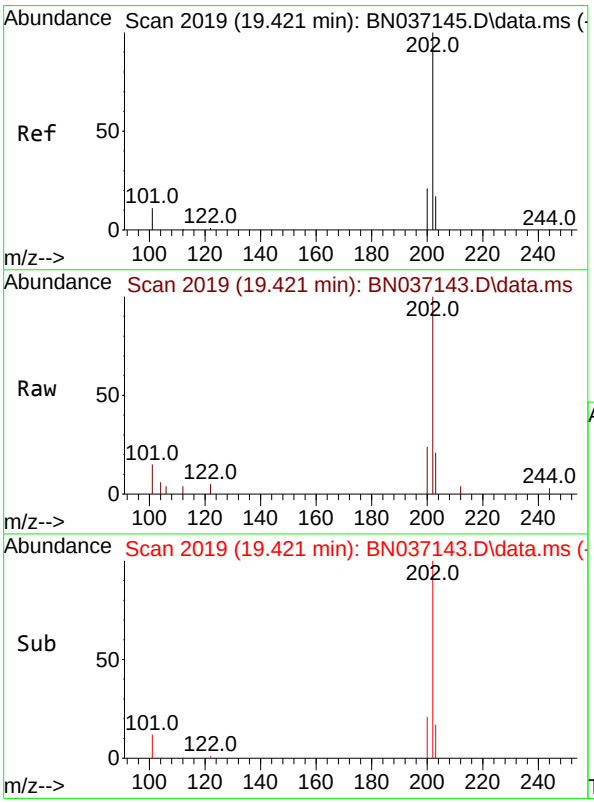
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.189 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037143.D
Acq: 03 Jun 2025 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 3598

Ion	Ratio	Lower	Upper
240	100		
120	14.4	9.0	13.4#
236	29.8	23.0	34.4

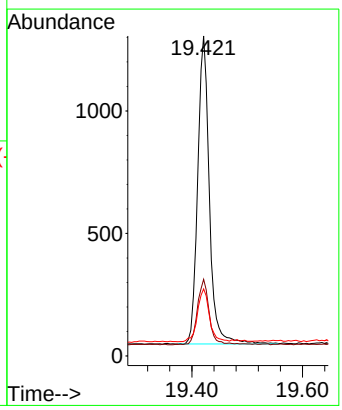


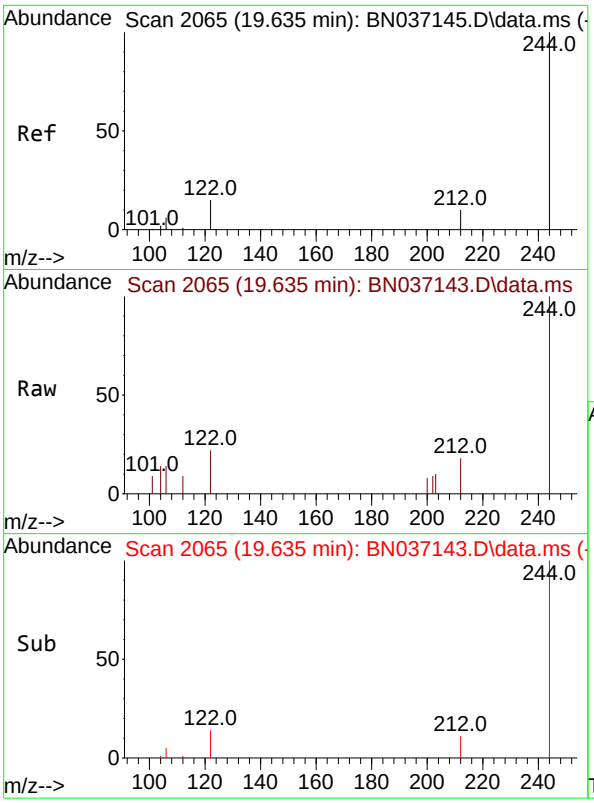


#30
Pyrene
Concen: 0.105 ng
RT: 19.421 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BN037143.D
Acq: 03 Jun 2025 11:39

Tgt Ion:202 Resp: 1845

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.0	25.6
203	17.5	14.2	21.4



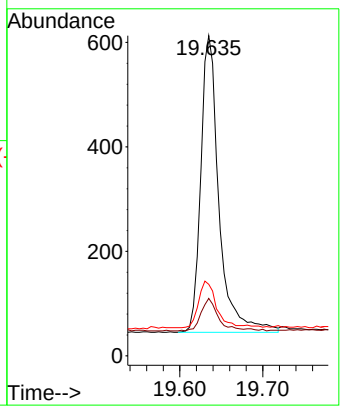


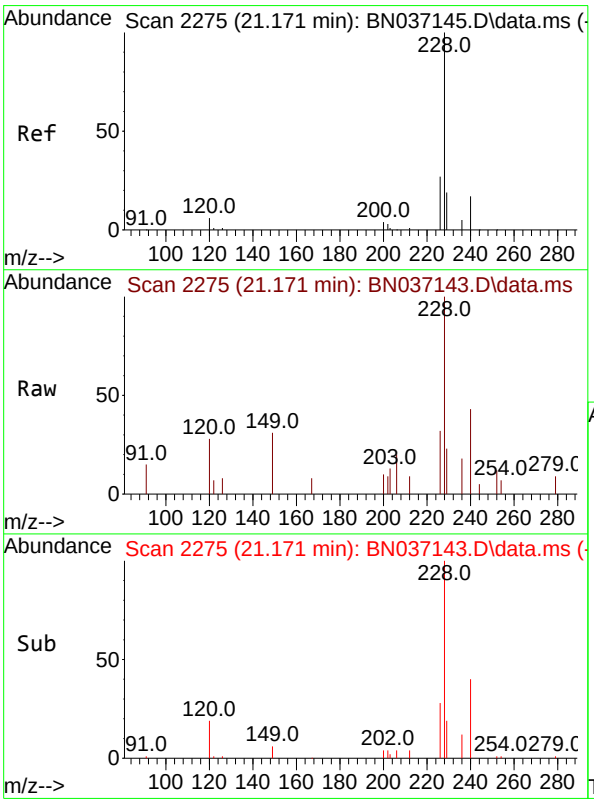
#31
Terphenyl-d14
Concen: 0.102 ng
RT: 19.635 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037143.D
Acq: 03 Jun 2025 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 867

Ion	Ratio	Lower	Upper
244	100		
212	17.9	10.0	15.0#
122	22.3	13.2	19.8#

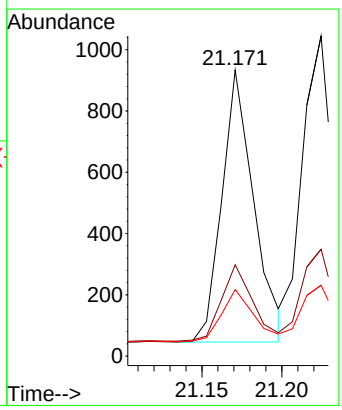


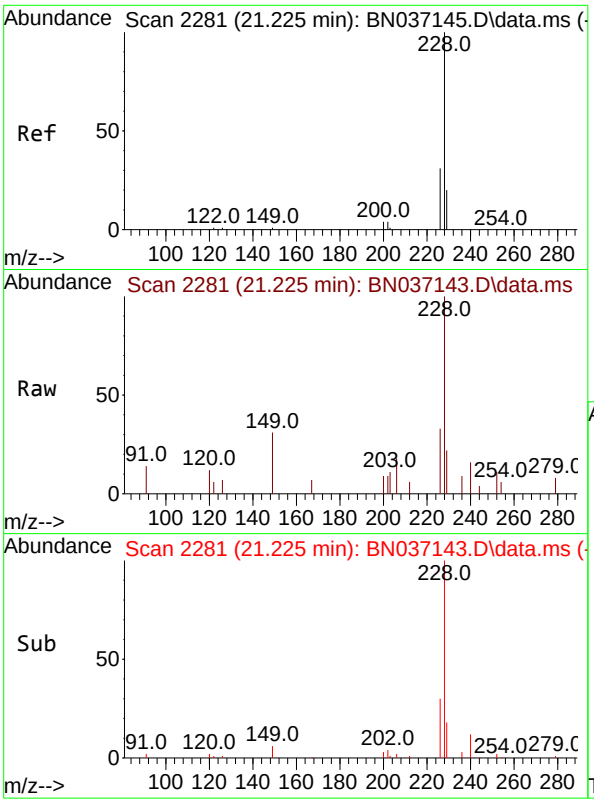


#32
Benzo(a)anthracene
Concen: 0.095 ng
RT: 21.171 min Scan# 2275
Delta R.T. 0.000 min
Lab File: BN037143.D
Acq: 03 Jun 2025 11:39

Tgt Ion:228 Resp: 1231

Ion	Ratio	Lower	Upper
228	100		
226	31.9	22.6	33.8
229	23.2	16.2	24.2



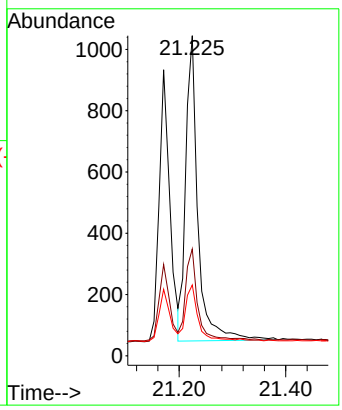


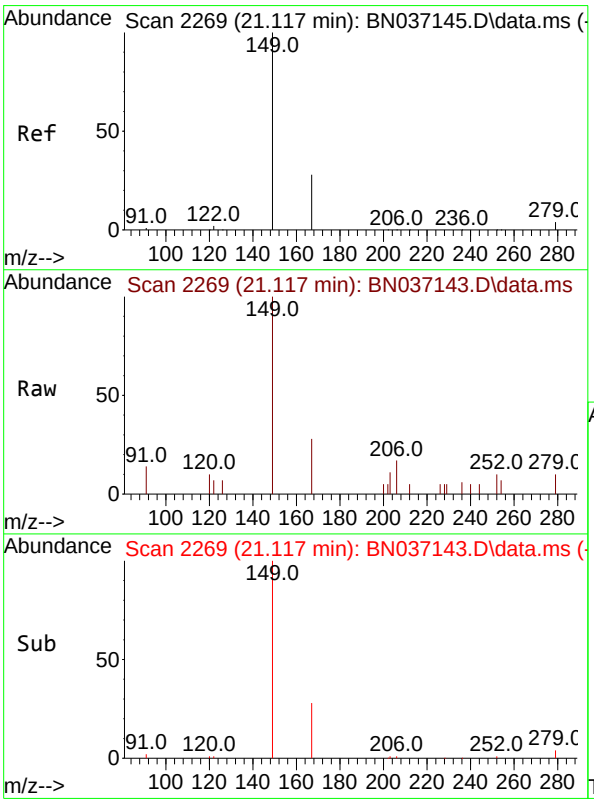
#33
Chrysene
Concen: 0.109 ng
RT: 21.225 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037143.D
Acq: 03 Jun 2025 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 1579

Ion	Ratio	Lower	Upper
228	100		
226	33.4	25.2	37.8
229	22.1	16.8	25.2

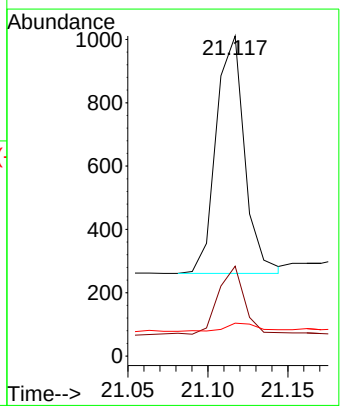


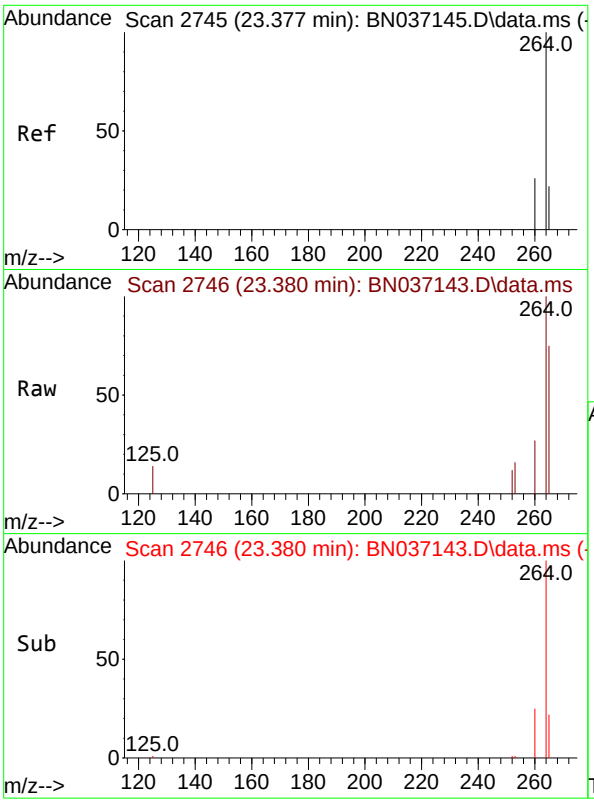


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.113 ng
RT: 21.117 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BN037143.D
Acq: 03 Jun 2025 11:39

Tgt Ion:149 Resp: 928

Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.0	31.4
279	4.0	2.9	4.3



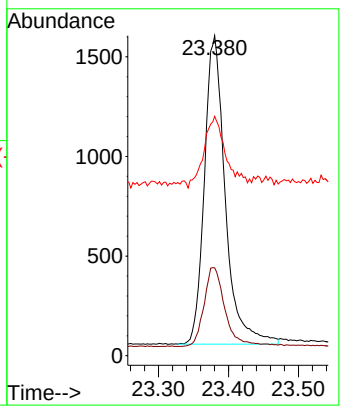


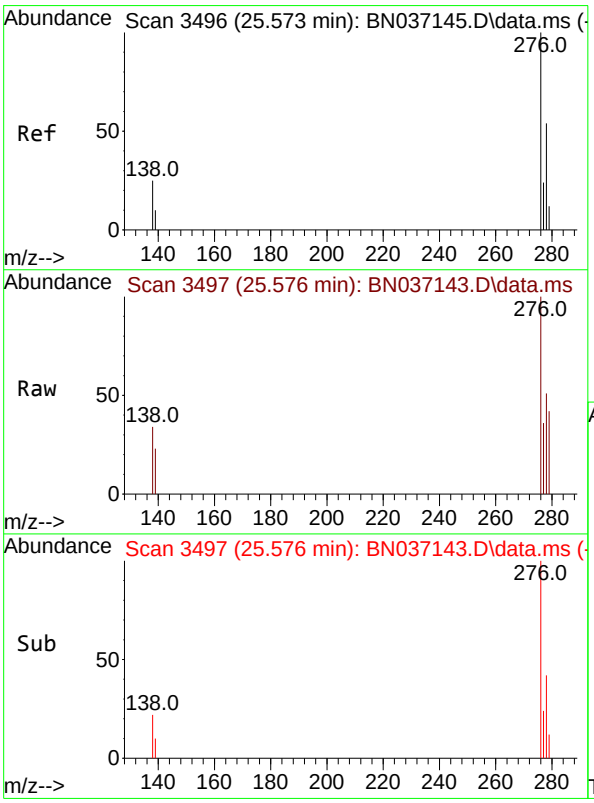
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.380 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN037143.D
Acq: 03 Jun 2025 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:264 Resp: 3208

Ion	Ratio	Lower	Upper
264	100		
260	27.5	22.1	33.1
265	74.8	55.8	83.8

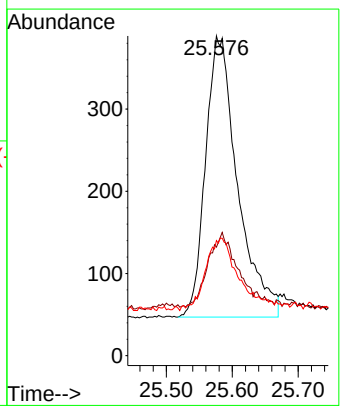


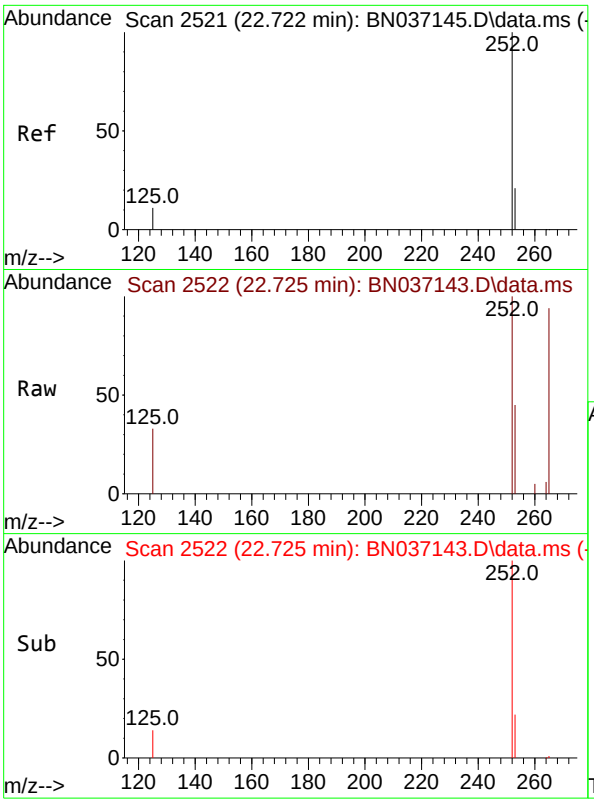


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.091 ng
RT: 25.576 min Scan# 3497
Delta R.T. 0.003 min
Lab File: BN037143.D
Acq: 03 Jun 2025 11:39

Tgt Ion:276 Resp: 1157

Ion	Ratio	Lower	Upper
276	100		
138	23.5	21.0	31.6
277	24.3	19.4	29.2



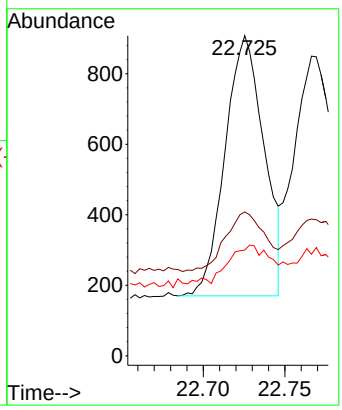


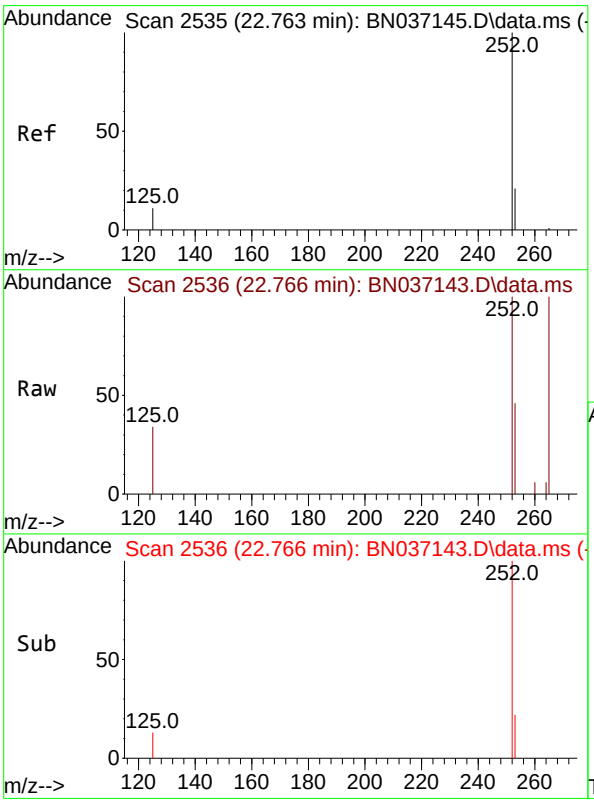
#37
Benzo(b)fluoranthene
Concen: 0.095 ng
RT: 22.725 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN037143.D
Acq: 03 Jun 2025 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 1226

Ion	Ratio	Lower	Upper
252	100		
253	44.9	22.3	33.5#
125	33.0	13.2	19.8#

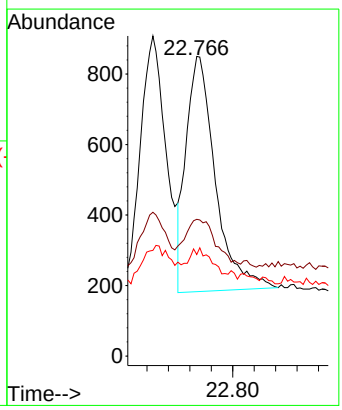


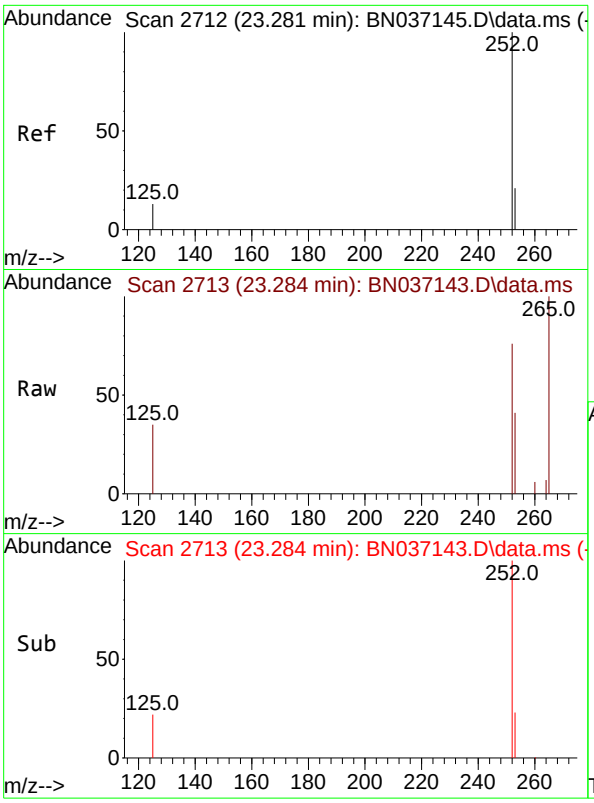


#38
Benzo(k)fluoranthene
Concen: 0.096 ng
RT: 22.766 min Scan# 2536
Delta R.T. 0.003 min
Lab File: BN037143.D
Acq: 03 Jun 2025 11:39

Tgt Ion:252 Resp: 1264

Ion	Ratio	Lower	Upper
252	100		
253	45.6	22.2	33.4#
125	33.9	13.2	19.8#



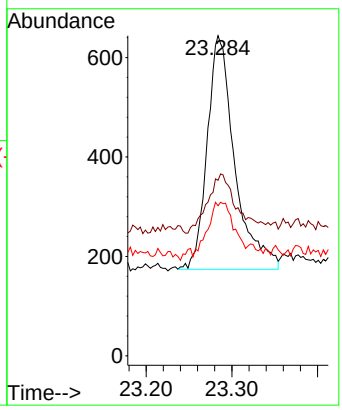


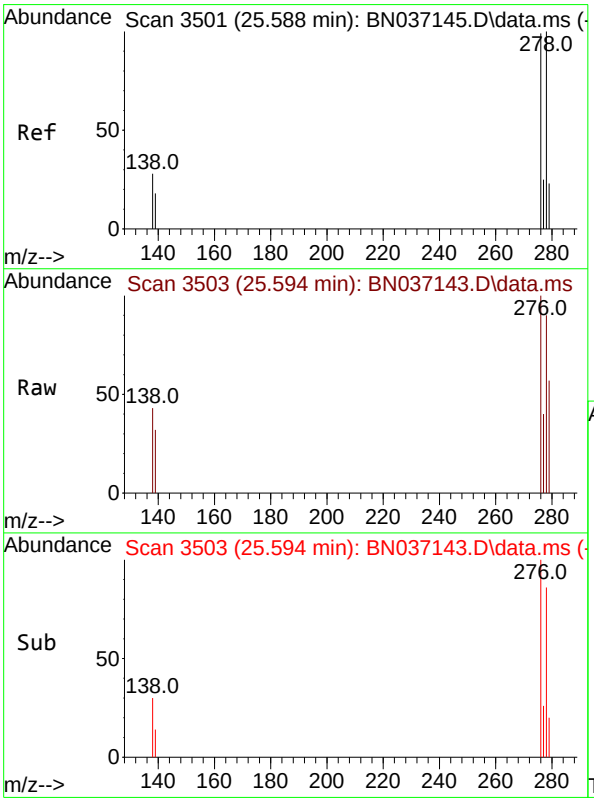
#39
Benzo(a)pyrene
Concen: 0.097 ng
RT: 23.284 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN037143.D
Acq: 03 Jun 2025 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 1051

Ion	Ratio	Lower	Upper
252	100		
253	54.8	25.0	37.4#
125	46.9	17.0	25.6#

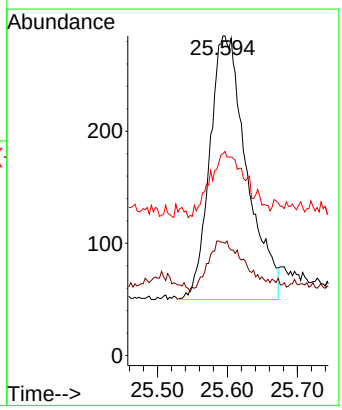


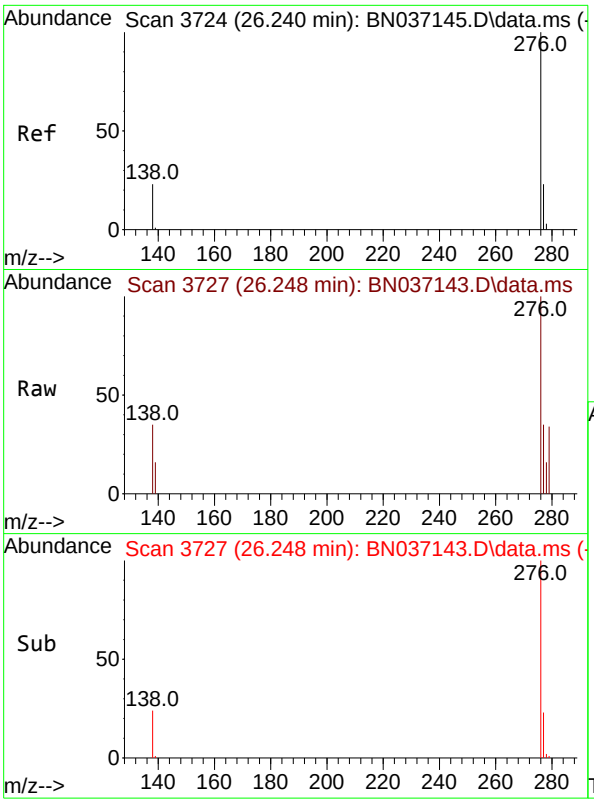


#40
Dibenzo(a,h)anthracene
Concen: 0.087 ng
RT: 25.594 min Scan# 3503
Delta R.T. 0.006 min
Lab File: BN037143.D
Acq: 03 Jun 2025 11:39

Tgt Ion:278 Resp: 861

Ion	Ratio	Lower	Upper
278	100		
139	35.4	17.6	26.4#
279	63.2	26.0	39.0#





#41
Benzo(g,h,i)perylene
Concen: 0.097 ng
RT: 26.248 min Scan# 3
Delta R.T. 0.009 min
Lab File: BN037143.D
Acq: 03 Jun 2025 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 1097

Ion	Ratio	Lower	Upper
276	100		
277	35.2	20.9	31.3#
138	35.4	20.8	31.2#