Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010924\
Data File : BN029226.D
Acq On : 09 Jan 2024 13:56
Operator : MA/JU
Sample : PB158280BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB158280BS

Quant Time: Jan 09 14:34:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 28 01:20:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.724	152	757	0.400	ng		0.00
7) Naphthalene-d8	10.509	136	1416	0.400	ng		#-0.01
13) Acenaphthene-d10	14.372	164	865	0.400	ng		0.00
19) Phenanthrene-d10	17.131	188	1413	0.400	ng		0.00
29) Chrysene-d12	21.340	240	443	0.400	ng		# 0.00
35) Perylene-d12	23.630	264	532	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.334	112	557	0.316	ng		0.00
5) Phenol-d6	6.937	99	653	0.330	ng		0.00
8) Nitrobenzene-d5	8.907	82	668	0.376	ng		0.00
11) 2-Methylnaphthalene-d10	12.110	152	937	0.383	ng		-0.01
14) 2,4,6-Tribromophenol	15.878	330	242	0.363	ng		0.00
15) 2-Fluorobiphenyl	13.004	172	1767	0.381	ng		0.00
27) Fluoranthene-d10	19.169	212	951	0.330	ng		0.00
31) Terphenyl-d14	19.787	244	497	0.362	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.261	88	265	0.386	ng	#	79
3) n-Nitrosodimethylamine	3.637	42	175	0.303	ng	#	81
6) bis(2-Chloroethyl)ether	7.183	93	409	0.303	ng		99
9) Naphthalene	10.562	128	1545	0.360	ng		98
10) Hexachlorobutadiene	10.829	225	493	0.402	ng	#	98
12) 2-Methylnaphthalene	12.189	142	1157	0.364	ng		97
16) Acenaphthylene	14.094	152	2046	0.360	ng		99
17) Acenaphthene	14.436	154	1228	0.349	ng		97
18) Fluorene	15.430	166	1791	0.353	ng		99
20) 4,6-Dinitro-2-methylph...	15.542	198	152	0.321	ng	#	89
21) 4-Bromophenyl-phenylether	16.337	248	463	0.379	ng		96
22) Hexachlorobenzene	16.411	284	585	0.408	ng		96
23) Atrazine	16.622	200	448	0.378	ng		96
24) Pentachlorophenol	16.784	266	294	0.316	ng		91
25) Phenanthrene	17.168	178	2296	0.367	ng		99
26) Anthracene	17.268	178	2212	0.362	ng		98
28) Fluoranthene	19.201	202	1868	0.333	ng		98
30) Pyrene	19.568	202	1862	0.417	ng		97
32) Benzo(a)anthracene	21.331	228	968	0.378	ng		97
33) Chrysene	21.384	228	959	0.375	ng		97
34) Bis(2-ethylhexyl)phtha...	21.268	149	1691	0.456	ng		99
36) Indeno(1,2,3-cd)pyrene	25.966	276	1316	0.357	ng	#	87
37) Benzo(b)fluoranthene	22.938	252	985	0.342	ng		96
38) Benzo(k)fluoranthene	22.984	252	991	0.355	ng		92
39) Benzo(a)pyrene	23.534	252	914	0.350	ng		96
40) Dibenzo(a,h)anthracene	25.996	278	969	0.343	ng	#	90
41) Benzo(g,h,i)perylene	26.683	276	1143	0.366	ng		97

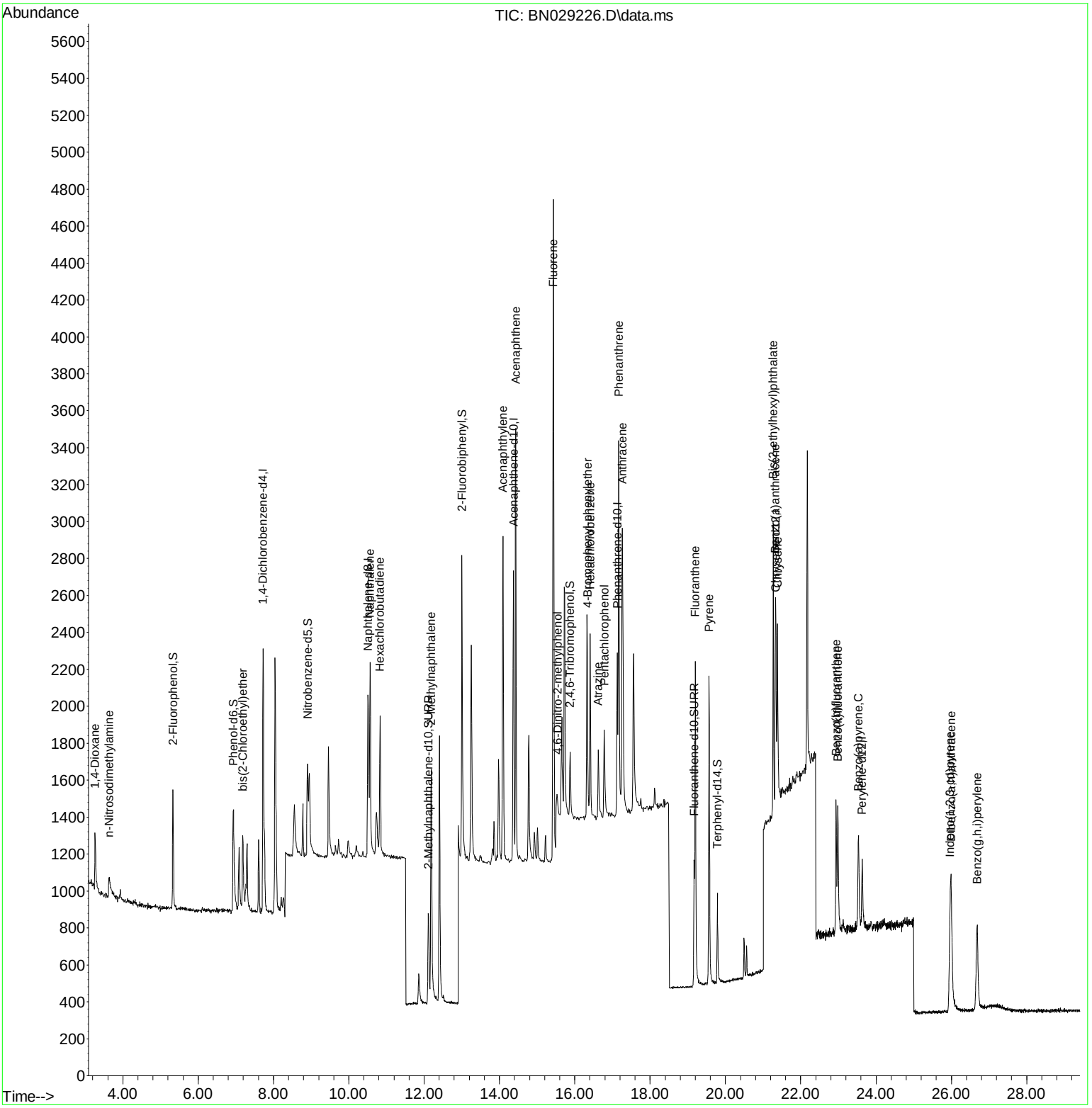
(#) = qualifier out of range (m) = manual integration (+) = signals summed

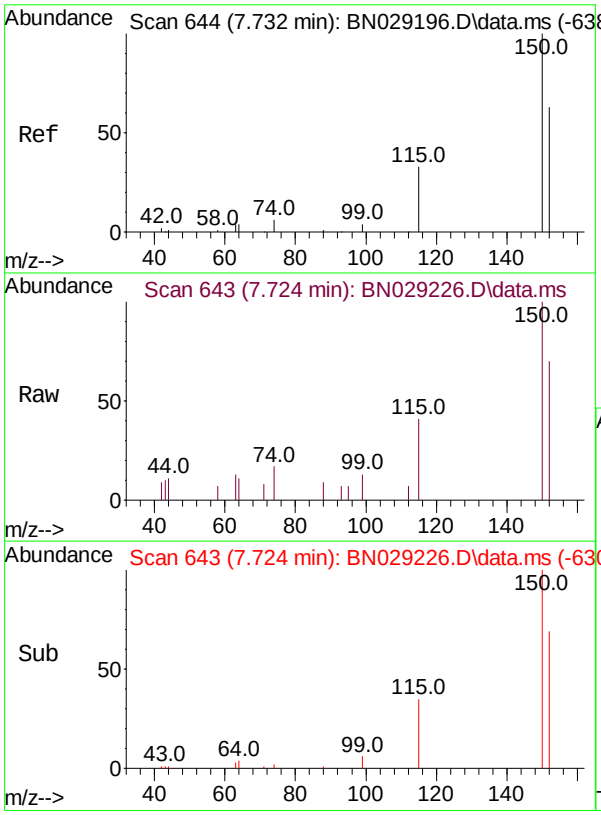
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010924\
Data File : BN029226.D
Acq On : 09 Jan 2024 13:56
Operator : MA/JU
Sample : PB158280BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB158280BS

Quant Time: Jan 09 14:34:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 28 01:20:47 2023
Response via : Initial Calibration



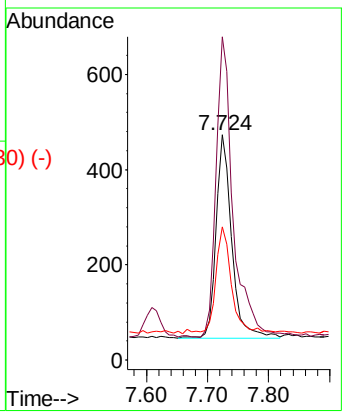


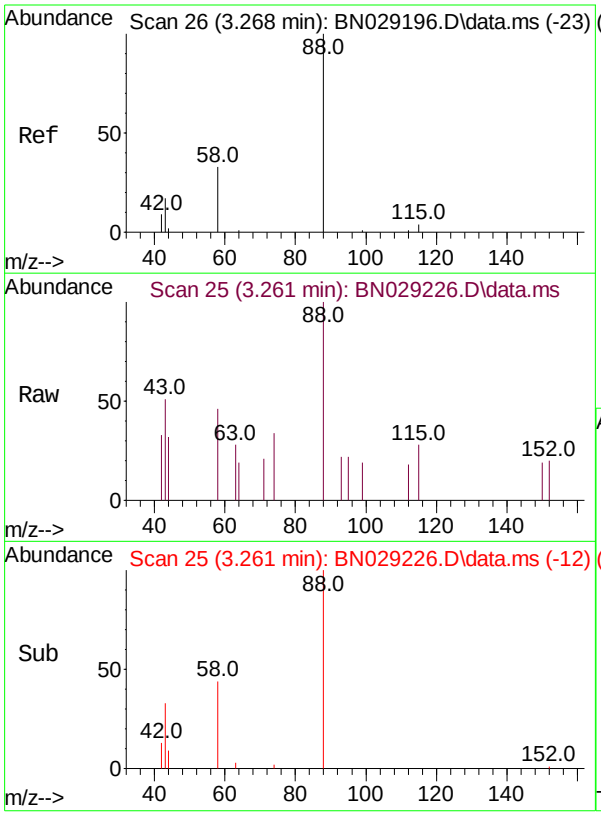
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.724 min Scan# 6
Delta R.T. -0.008 min
Lab File: BN029226.D
Acq: 09 Jan 2024 13:56

Instrument :
BNA_N
ClientSampleId :
PB158280BS

Tgt Ion:152 Resp: 757

Ion	Ratio	Lower	Upper
152	100		
150	143.2	122.2	183.2
115	59.1	48.2	72.4

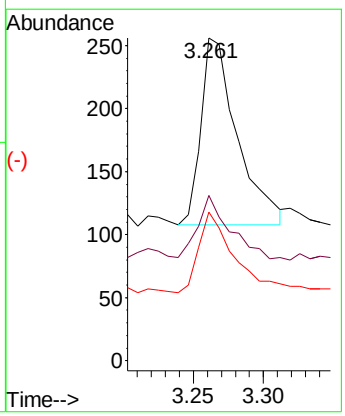


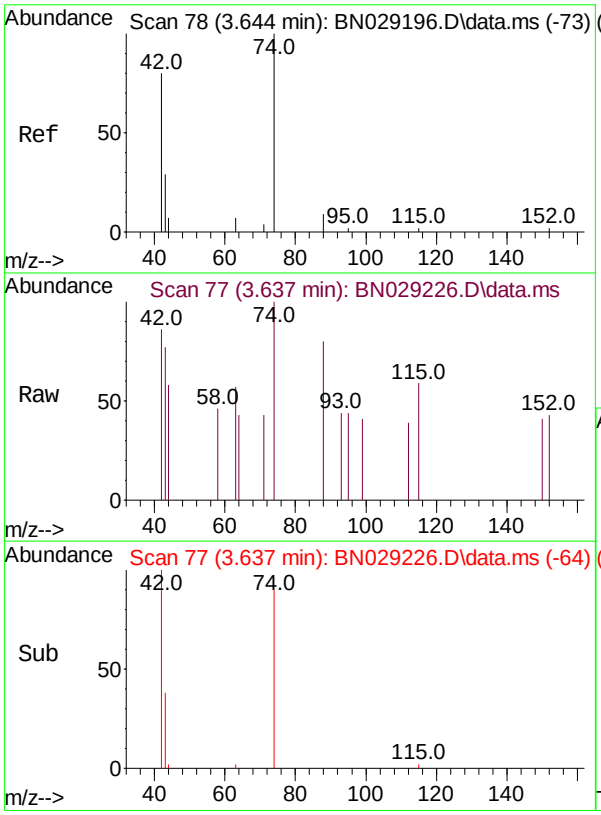


#2
1,4-Dioxane
Concen: 0.386 ng
RT: 3.261 min Scan# 25
Delta R.T. -0.007 min
Lab File: BN029226.D
Acq: 09 Jan 2024 13:56

Tgt Ion: 88 Resp: 265

Ion	Ratio	Lower	Upper
88	100		
43	30.9	19.0	28.4#
58	42.6	23.1	34.7#



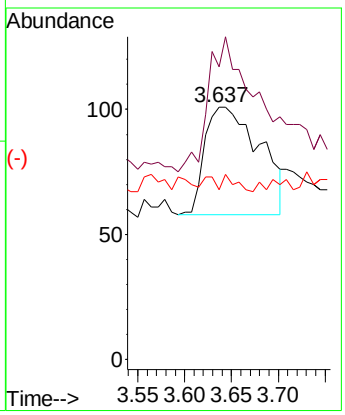


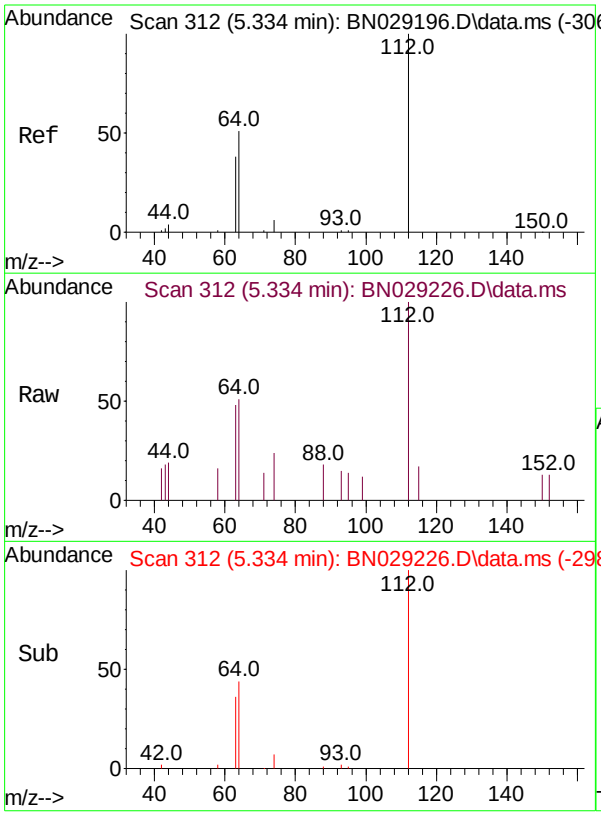
#3
n-Nitrosodimethylamine
Concen: 0.303 ng
RT: 3.637 min Scan# 77
Delta R.T. -0.007 min
Lab File: BN029226.D
Acq: 09 Jan 2024 13:56

Instrument :
BNA_N
ClientSampleId :
PB158280BS

Tgt Ion: 42 Resp: 175

Ion	Ratio	Lower	Upper
42	100		
74	110.3	106.8	160.2
44	4.0	5.6	8.4#

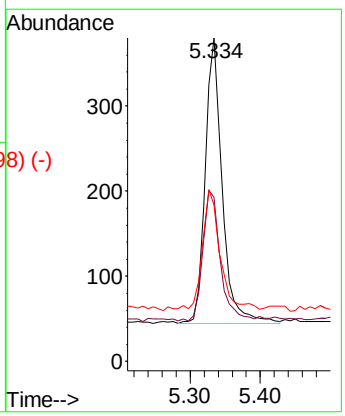


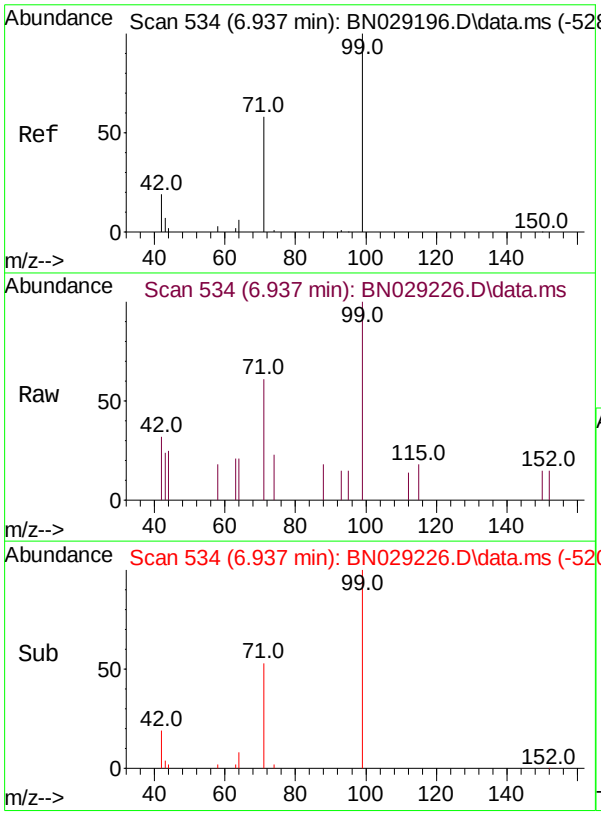


#4
2-Fluorophenol
Concen: 0.316 ng
RT: 5.334 min Scan# 312
Delta R.T. -0.000 min
Lab File: BN029226.D
Acq: 09 Jan 2024 13:56

Tgt Ion:112 Resp: 557

Ion	Ratio	Lower	Upper
112	100		
64	46.7	38.8	58.2
63	46.0	30.6	45.8#



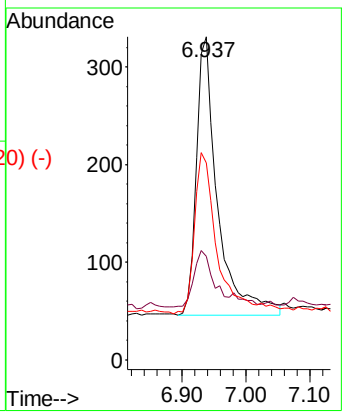


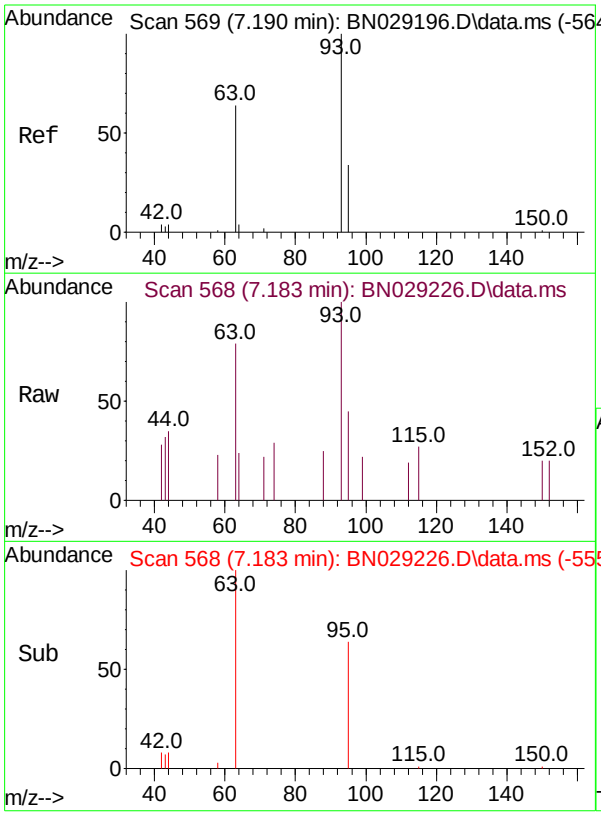
#5
Phenol-d6
Concen: 0.330 ng
RT: 6.937 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN029226.D
Acq: 09 Jan 2024 13:56

Instrument :
BNA_N
ClientSampleId :
PB158280BS

Tgt Ion: 99 Resp: 653

Ion	Ratio	Lower	Upper
99	100		
42	18.8	18.3	27.5
71	62.8	48.6	73.0

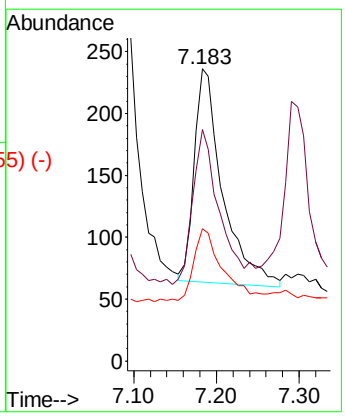


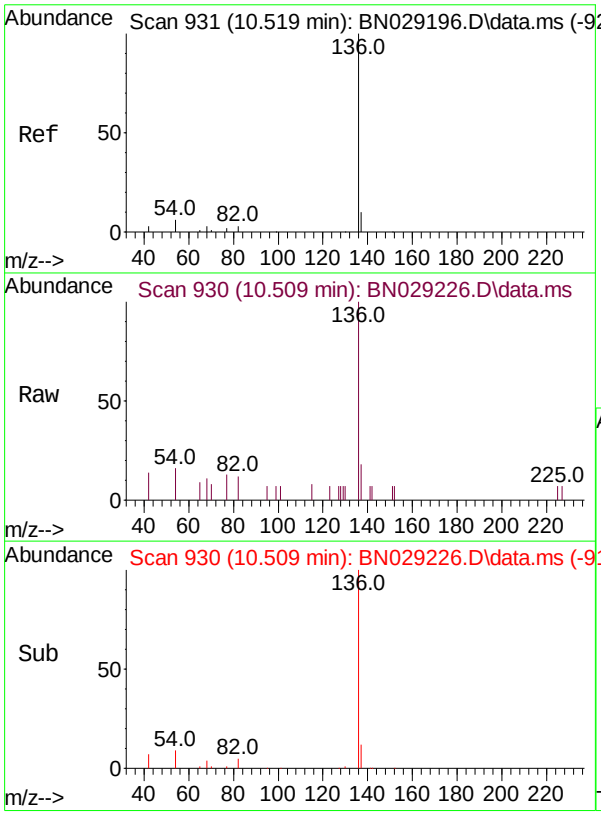


#6
bis(2-Chloroethyl)ether
Concen: 0.303 ng
RT: 7.183 min Scan# 568
Delta R.T. -0.007 min
Lab File: BN029226.D
Acq: 09 Jan 2024 13:56

Tgt Ion: 93 Resp: 409

Ion	Ratio	Lower	Upper
93	100		
63	70.2	56.6	85.0
95	35.7	29.9	44.9



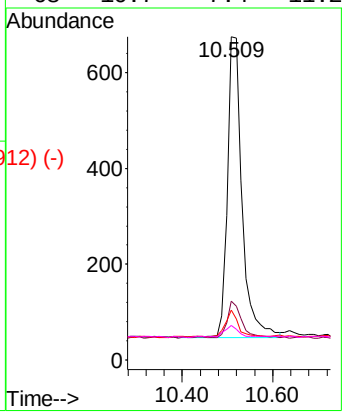


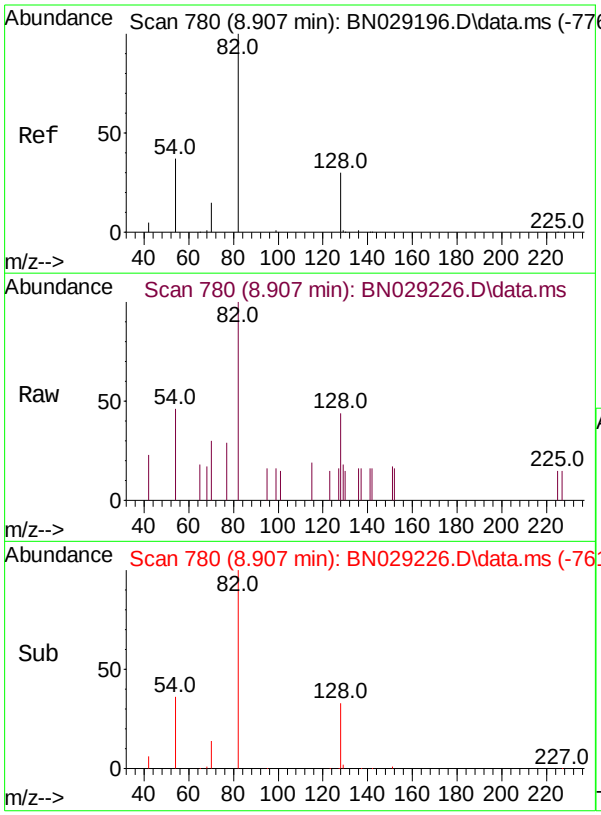
#7(-)
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 9
Delta R.T. -0.010 min
Lab File: BN029226.D
Acq: 09 Jan 2024 13:56

Instrument :
BNA_N
ClientSampleId :
PB158280BS

Tgt Ion:136 Resp: 1416

Ion	Ratio	Lower	Upper
136	100		
137	18.2	13.0	19.4
54	15.6	9.8	14.6#
68	10.7	7.4	11.2

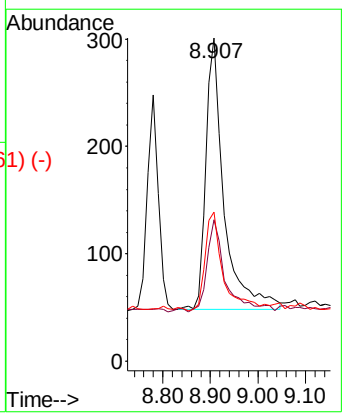


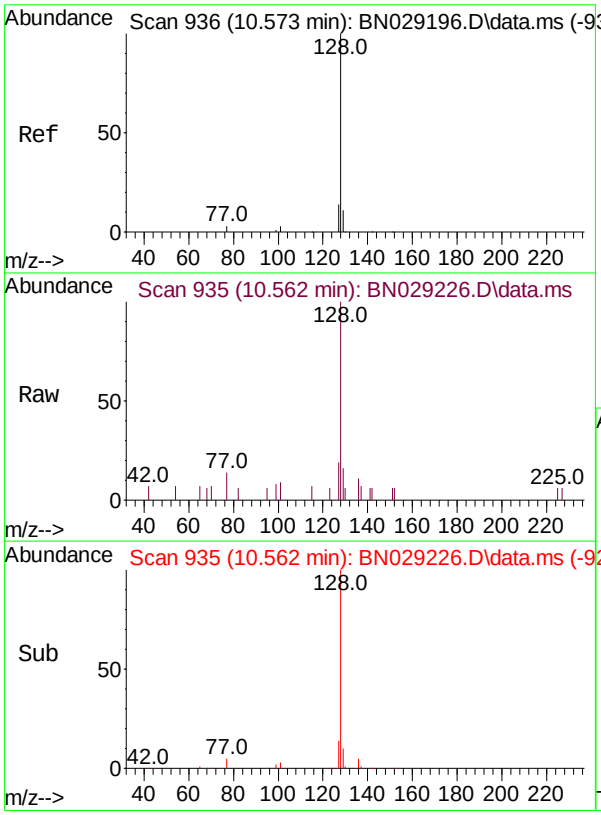


#8
Nitrobenzene-d5
Concen: 0.376 ng
RT: 8.907 min Scan# 780
Delta R.T. 0.000 min
Lab File: BN029226.D
Acq: 09 Jan 2024 13:56

Tgt Ion: 82 Resp: 668

Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.2	51.2
54	46.2	38.8	58.2



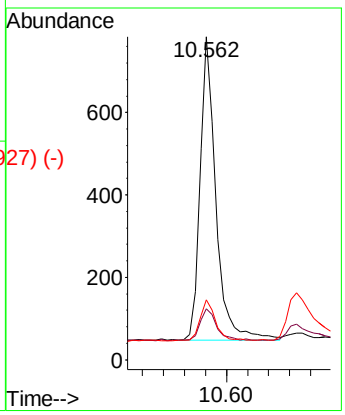


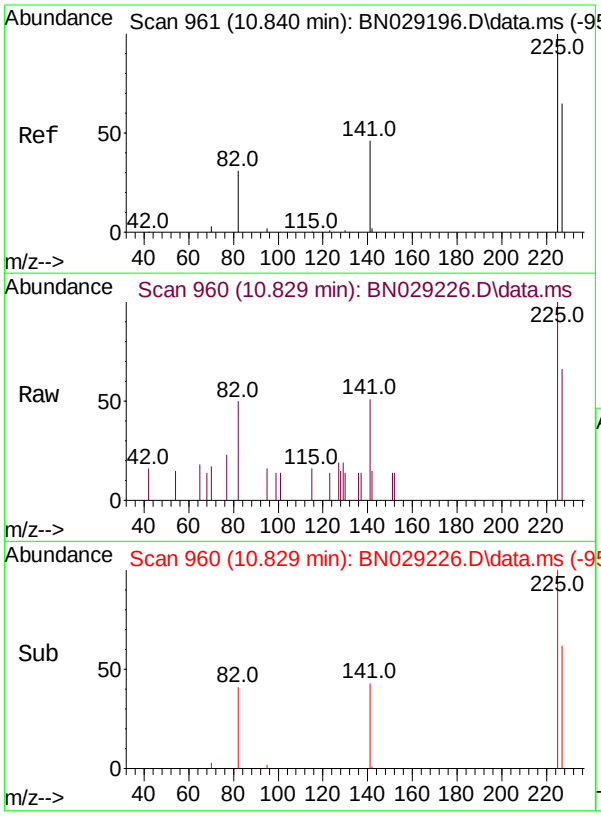
#9
Naphthalene
Concen: 0.360 ng
RT: 10.562 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN029226.D
Acq: 09 Jan 2024 13:56

Instrument :
BNA_N
ClientSampleId :
PB158280BS

Tgt Ion:128 Resp: 1545

Ion	Ratio	Lower	Upper
128	100		
129	15.7	13.4	20.2
127	18.6	15.5	23.3

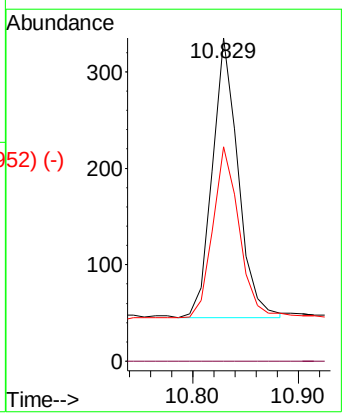


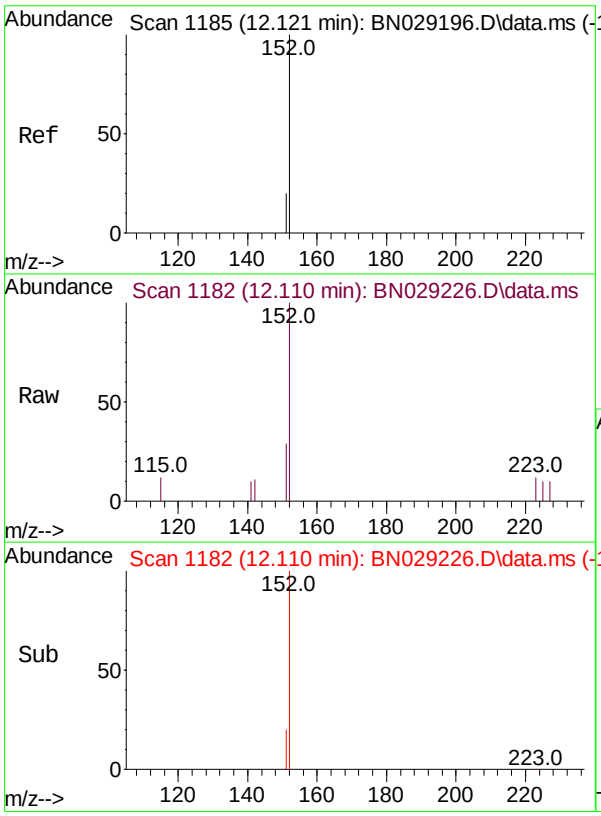


#10
Hexachlorobutadiene
Concen: 0.402 ng
RT: 10.829 min Scan# 960
Delta R.T. -0.011 min
Lab File: BN029226.D
Acq: 09 Jan 2024 13:56

Tgt Ion:225 Resp: 493

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	61.9	51.0	76.6



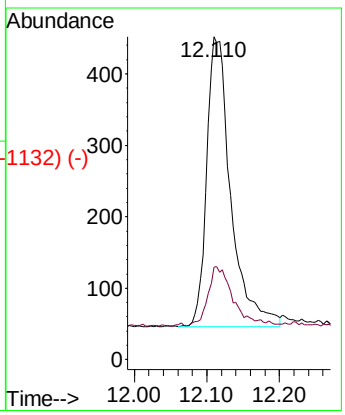


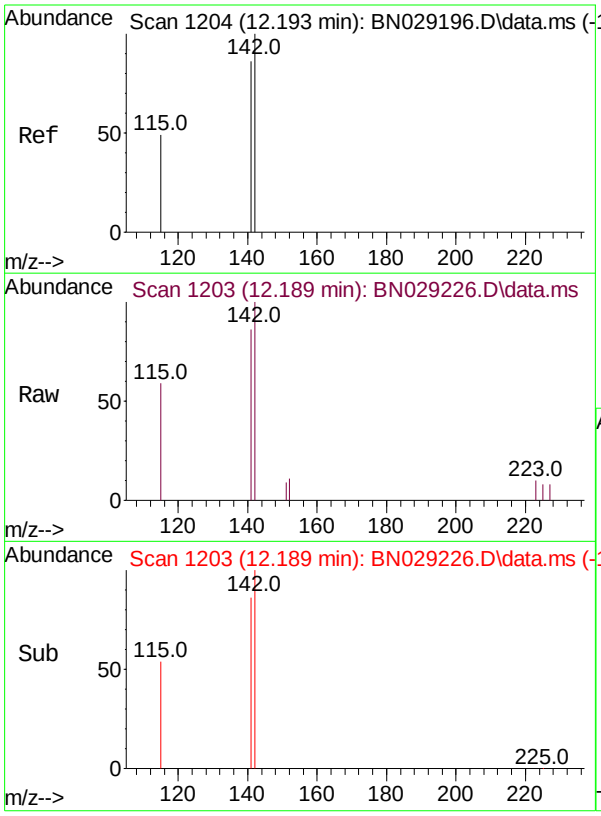
#11
2-Methylnaphthalene-d10
Concen: 0.383 ng
RT: 12.110 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN029226.D
Acq: 09 Jan 2024 13:56

Instrument :
BNA_N
ClientSampleId :
PB158280BS

Tgt Ion:152 Resp: 937

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.6	24.8

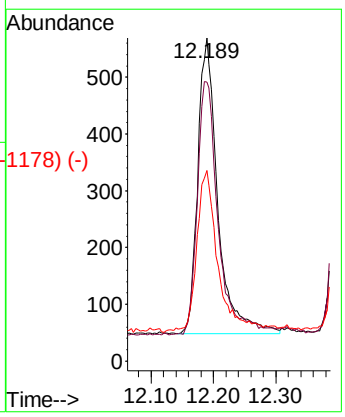


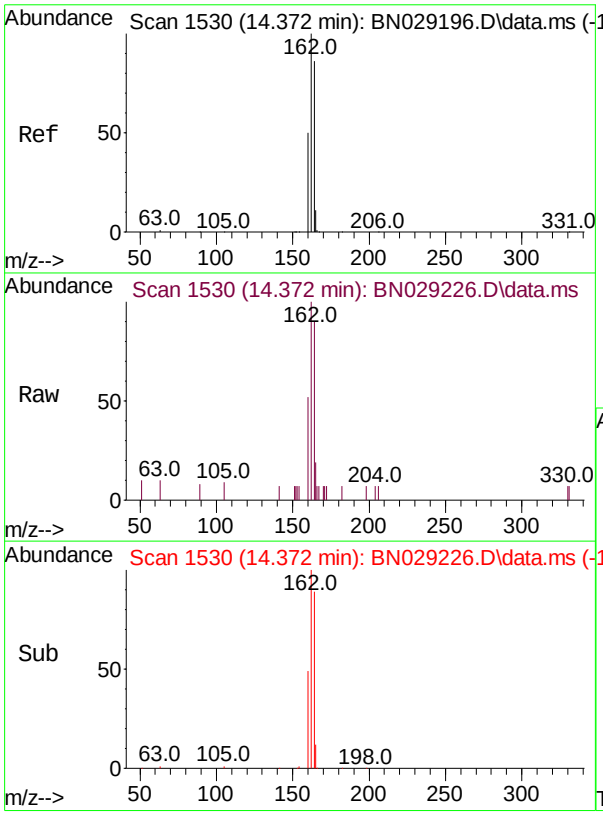


#12
2-Methylnaphthalene
Concen: 0.364 ng
RT: 12.189 min Scan# 1203
Delta R.T. -0.004 min
Lab File: BN029226.D
Acq: 09 Jan 2024 13:56

Tgt Ion:142 Resp: 1157

Ion	Ratio	Lower	Upper
142	100		
141	86.3	69.8	104.6
115	59.1	43.2	64.8



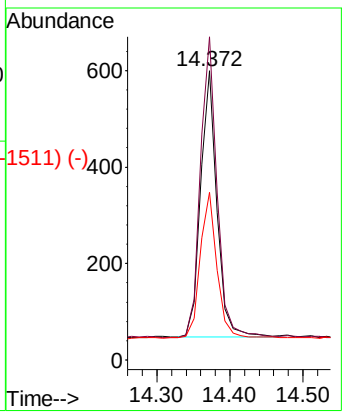


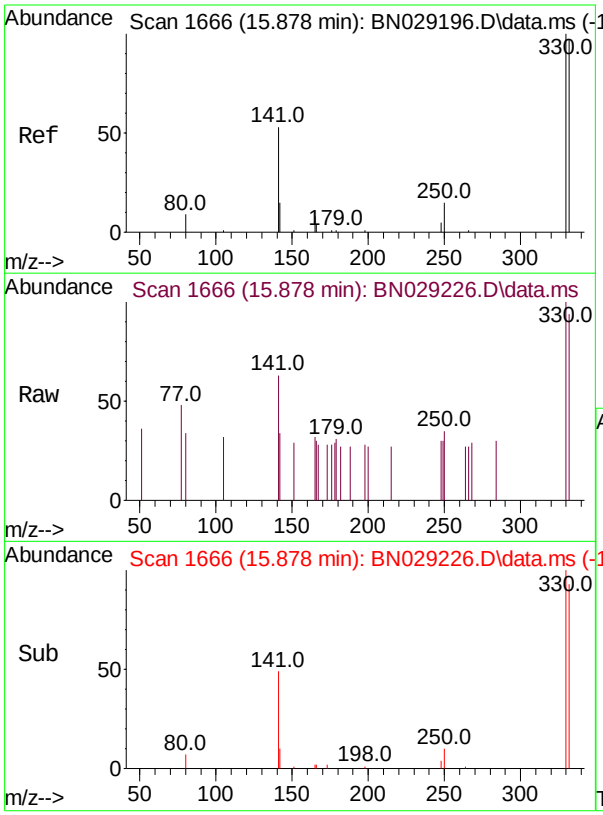
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.372 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029226.D
Acq: 09 Jan 2024 13:56

Instrument :
BNA_N
ClientSampleId :
PB158280BS

Tgt Ion:164 Resp: 865

Ion	Ratio	Lower	Upper
164	100		
162	111.7	91.8	137.8
160	58.0	49.4	74.2

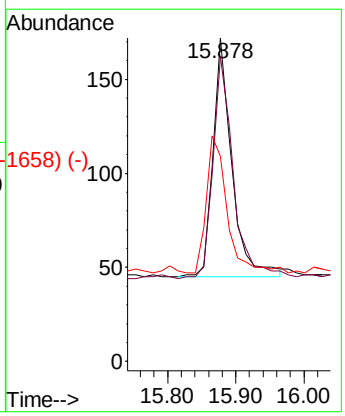


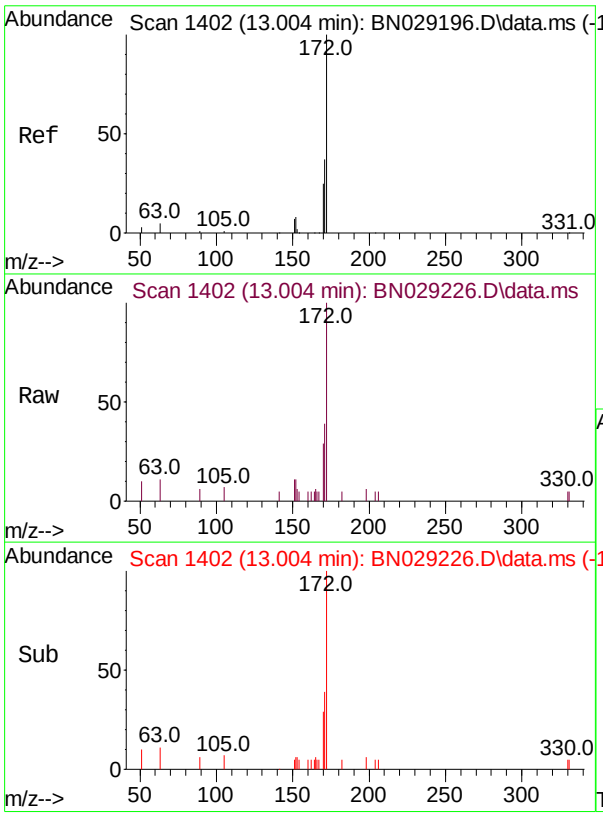


#14
2,4,6-Tribromophenol
Concen: 0.363 ng
RT: 15.878 min Scan# 1666
Delta R.T. -0.000 min
Lab File: BN029226.D
Acq: 09 Jan 2024 13:56

Tgt Ion:330 Resp: 242

Ion	Ratio	Lower	Upper
330	100		
332	101.2	74.4	111.6
141	63.6	46.7	70.1



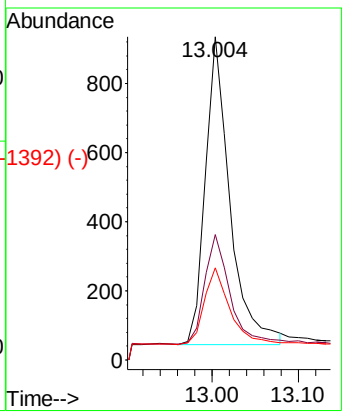


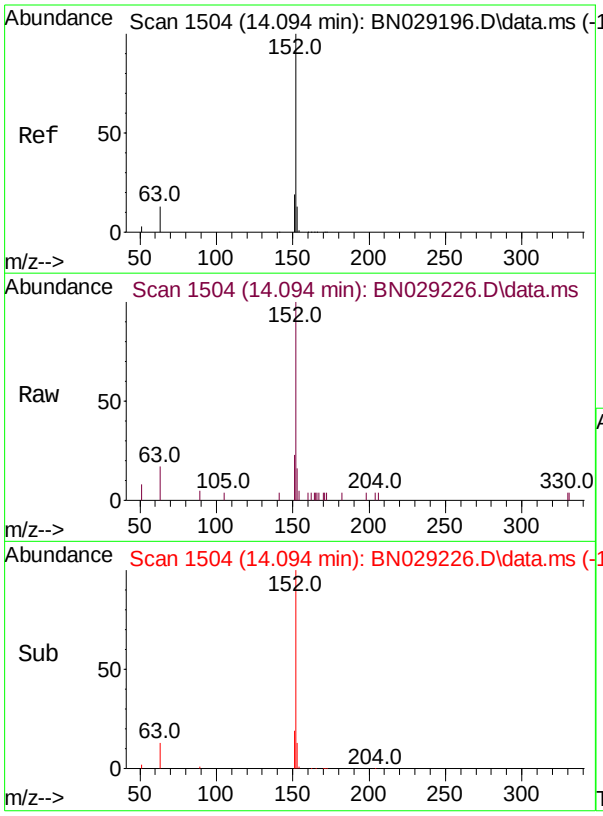
#15
2-Fluorobiphenyl
Concen: 0.381 ng
RT: 13.004 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029226.D
Acq: 09 Jan 2024 13:56

Instrument :
BNA_N
ClientSampleId :
PB158280BS

Tgt Ion:172 Resp: 1767

Ion	Ratio	Lower	Upper
172	100		
171	38.7	32.8	49.2
170	28.6	24.0	36.0

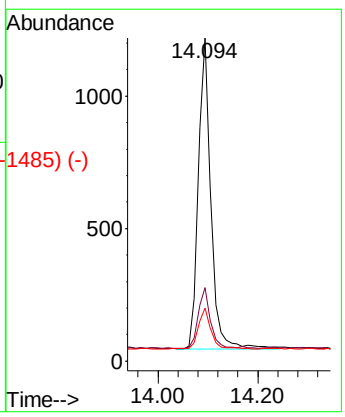


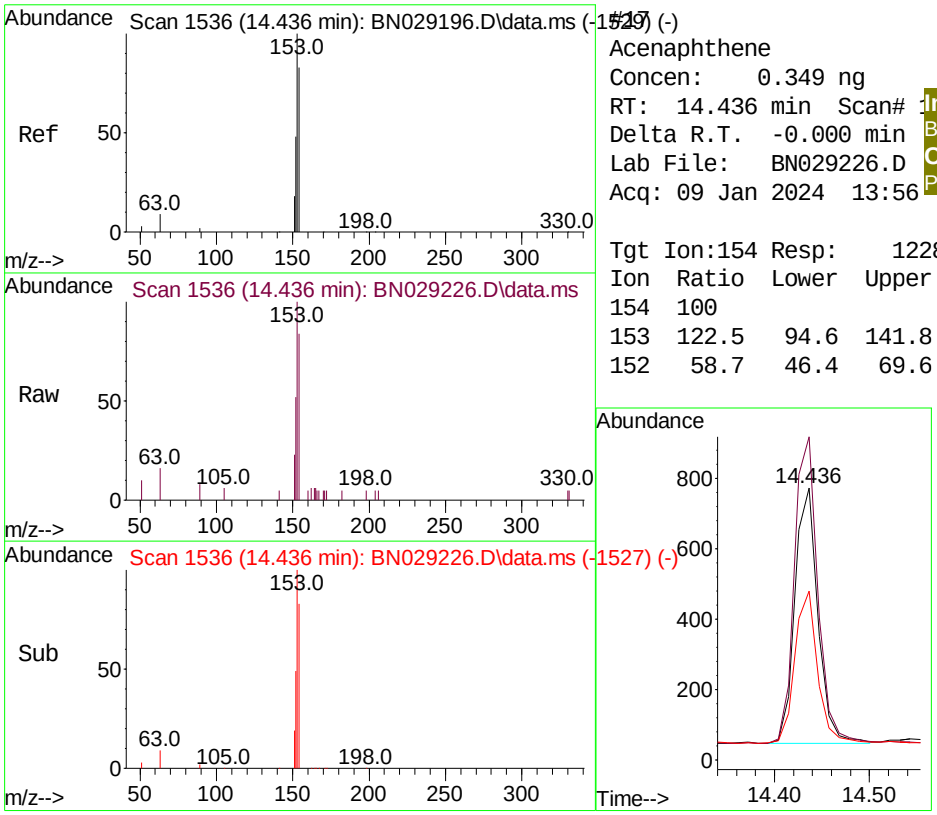


#16
Acenaphthylene
Concen: 0.360 ng
RT: 14.094 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BN029226.D
Acq: 09 Jan 2024 13:56

Tgt Ion:152 Resp: 2046

Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.0	24.0
153	13.4	10.8	16.2



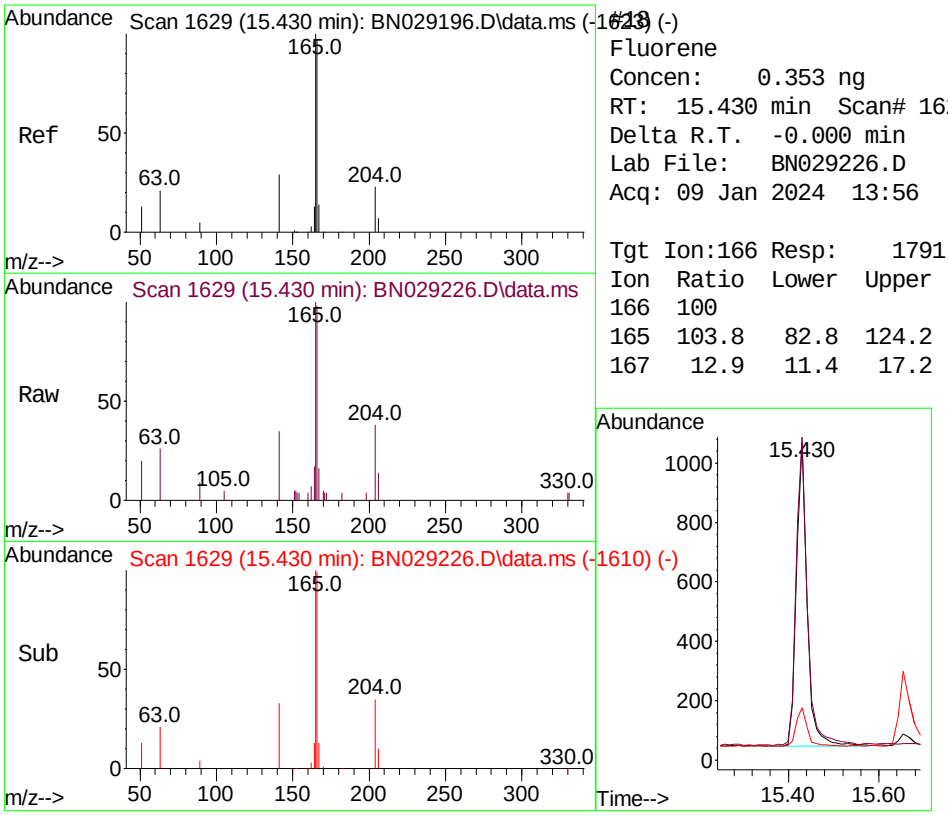


#17
Acenaphthene
Concen: 0.349 ng
RT: 14.436 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029226.D
Acq: 09 Jan 2024 13:56

Instrument :
BNA_N
ClientSampleId :
PB158280BS

Tgt Ion:154 Resp: 1228

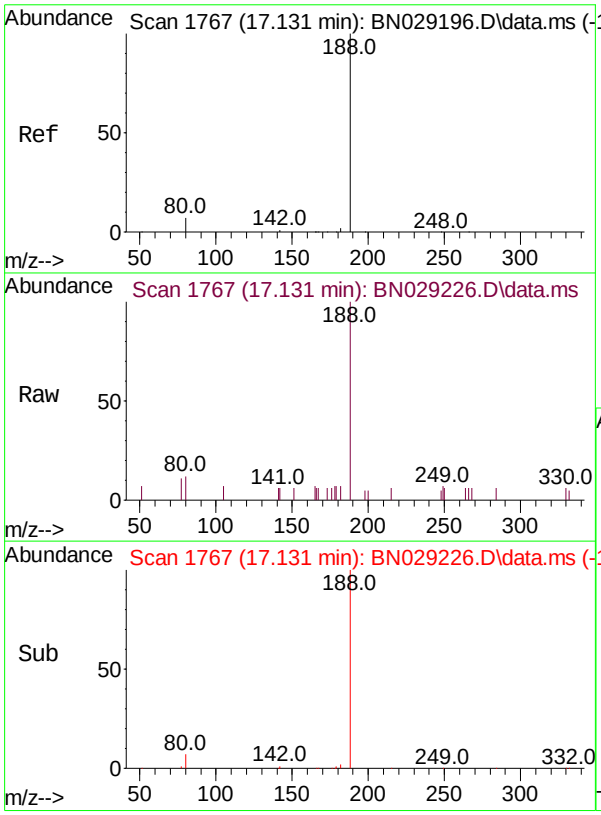
Ion	Ratio	Lower	Upper
154	100		
153	122.5	94.6	141.8
152	58.7	46.4	69.6



#18
Fluorene
Concen: 0.353 ng
RT: 15.430 min Scan# 1629
Delta R.T. -0.000 min
Lab File: BN029226.D
Acq: 09 Jan 2024 13:56

Tgt Ion:166 Resp: 1791

Ion	Ratio	Lower	Upper
166	100		
165	103.8	82.8	124.2
167	12.9	11.4	17.2

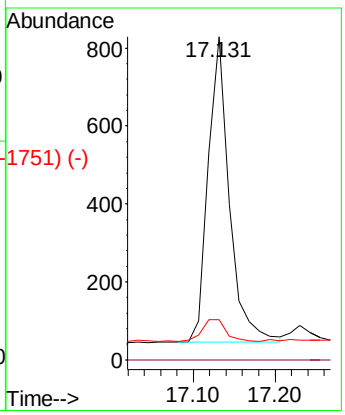


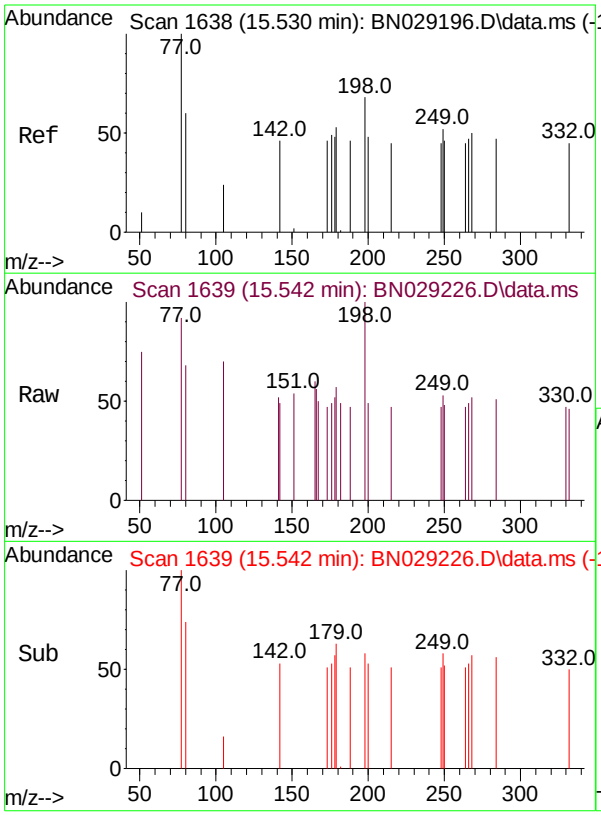
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.131 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029226.D
Acq: 09 Jan 2024 13:56

Instrument :
BNA_N
ClientSampleId :
PB158280BS

Tgt Ion:188 Resp: 1413

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.4	8.8	13.2

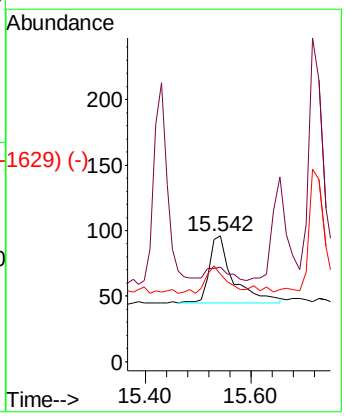


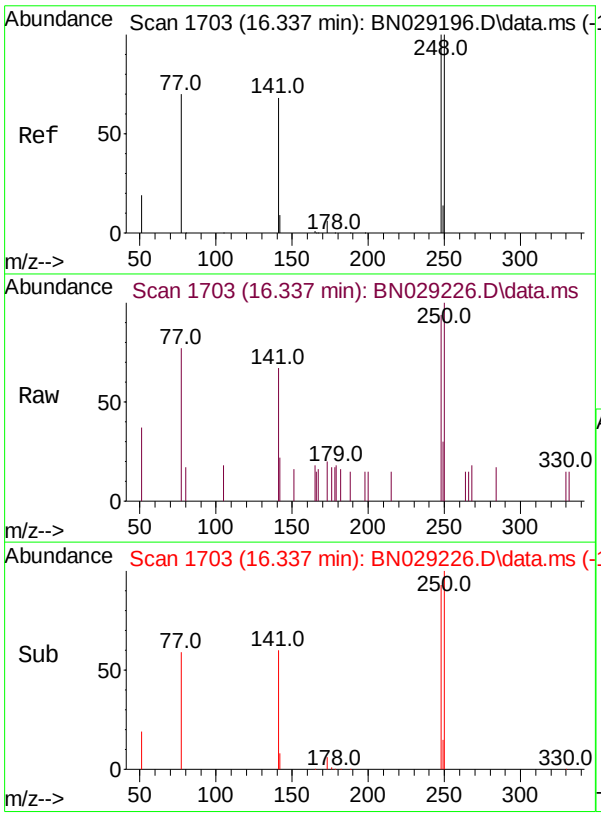


#20
4,6-Dinitro-2-methylphenol
Concen: 0.321 ng
RT: 15.542 min Scan# 1639
Delta R.T. 0.012 min
Lab File: BN029226.D
Acq: 09 Jan 2024 13:56

Tgt Ion:198 Resp: 152

Ion	Ratio	Lower	Upper
198	100		
51	75.0	47.4	71.2#
105	69.8	54.5	81.7



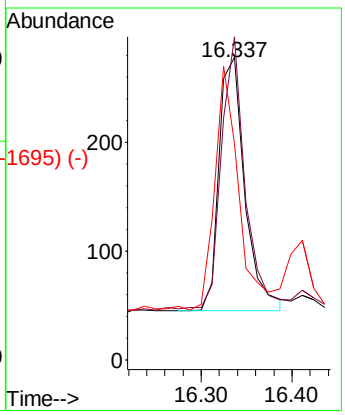


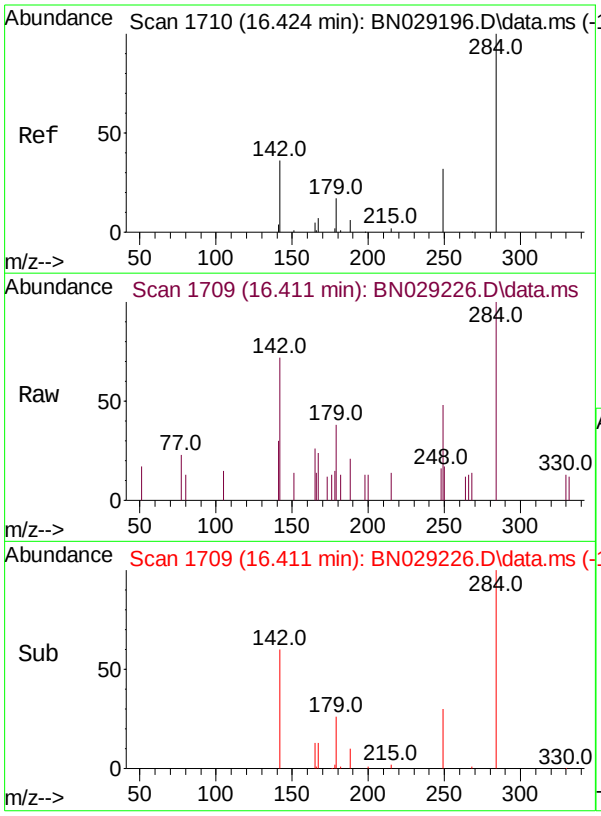
#21
4-Bromophenyl-phenylether
Concen: 0.379 ng
RT: 16.337 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029226.D
Acq: 09 Jan 2024 13:56

Instrument :
BNA_N
ClientSampleId :
PB158280BS

Tgt Ion:248 Resp: 463

Ion	Ratio	Lower	Upper
248	100		
250	106.8	80.8	121.2
141	71.6	58.6	87.8

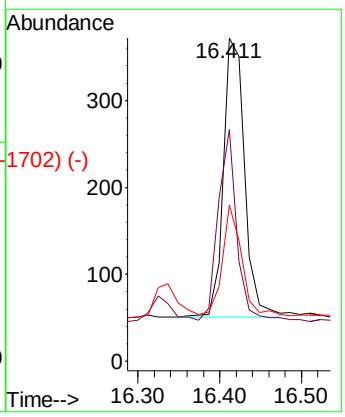


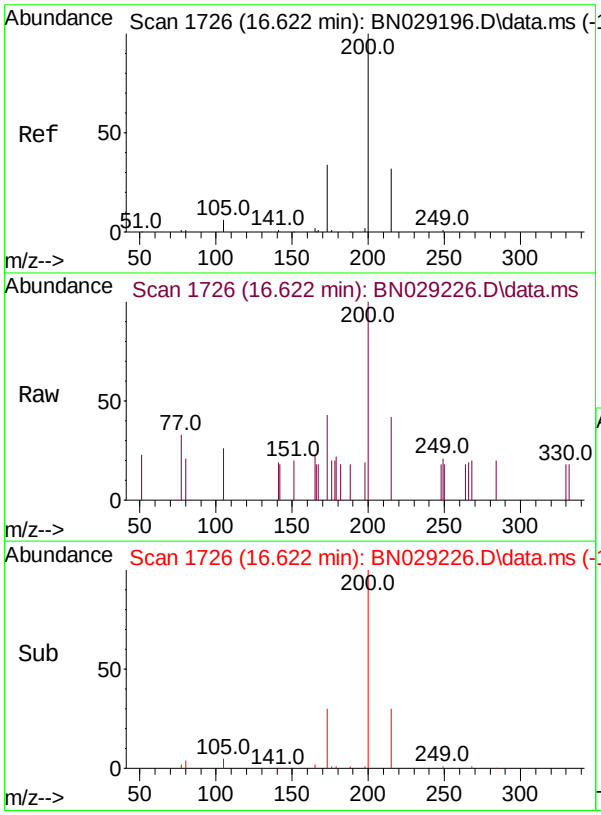


#22
Hexachlorobenzene
Concen: 0.408 ng
RT: 16.411 min Scan# 1709
Delta R.T. -0.012 min
Lab File: BN029226.D
Acq: 09 Jan 2024 13:56

Tgt Ion:284 Resp: 585

Ion	Ratio	Lower	Upper
284	100		
142	59.0	49.9	74.9
249	34.2	26.3	39.5



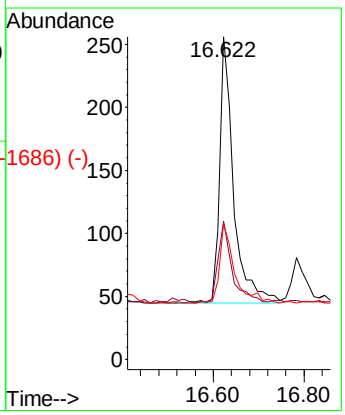


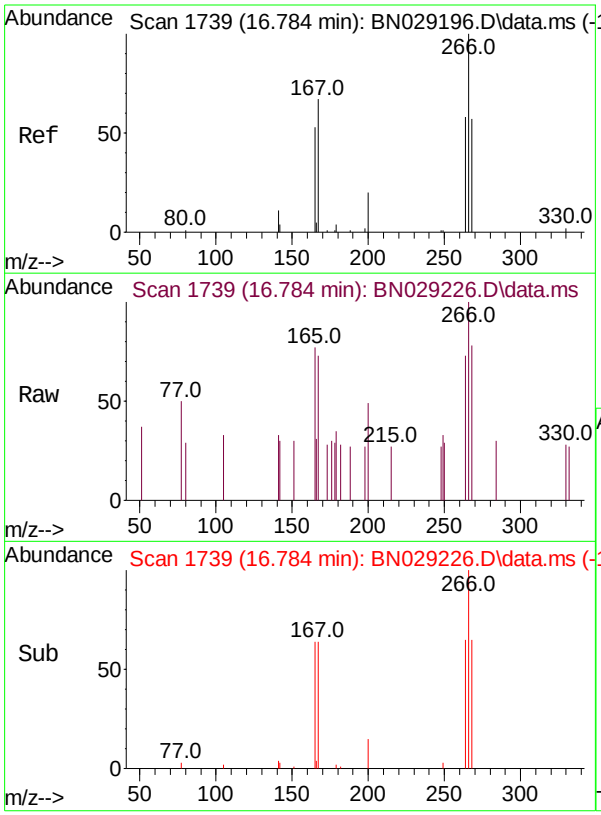
#23
Atrazine
Concen: 0.378 ng
RT: 16.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029226.D
Acq: 09 Jan 2024 13:56

Instrument :
BNA_N
ClientSampleId :
PB158280BS

Tgt Ion:200 Resp: 448

Ion	Ratio	Lower	Upper
200	100		
173	43.0	36.6	54.8
215	42.2	35.3	52.9

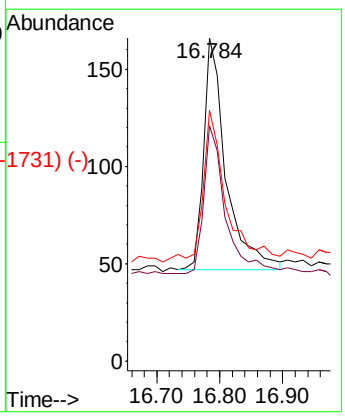


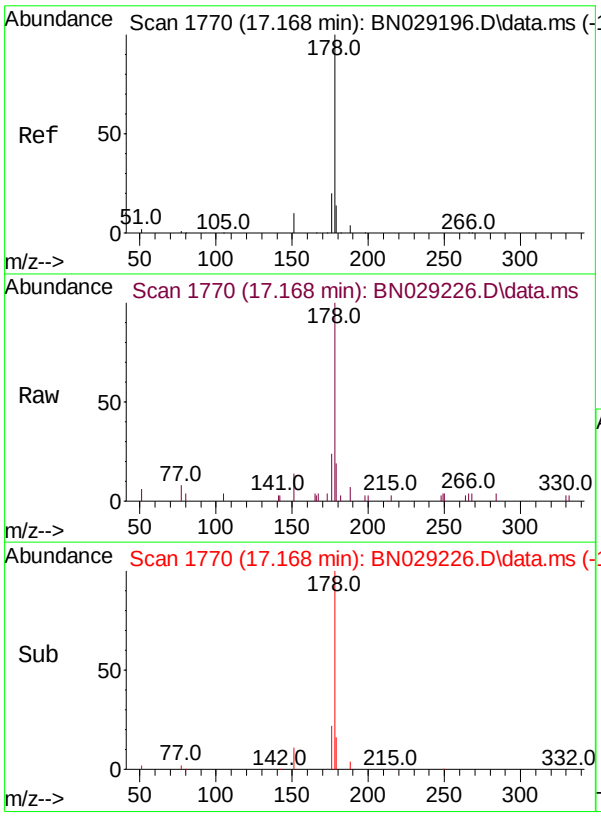


#24
Pentachlorophenol
Concen: 0.316 ng
RT: 16.784 min Scan# 1739
Delta R.T. -0.000 min
Lab File: BN029226.D
Acq: 09 Jan 2024 13:56

Tgt Ion:266 Resp: 294

Ion	Ratio	Lower	Upper
266	100		
264	63.3	44.4	66.6
268	68.0	49.4	74.2



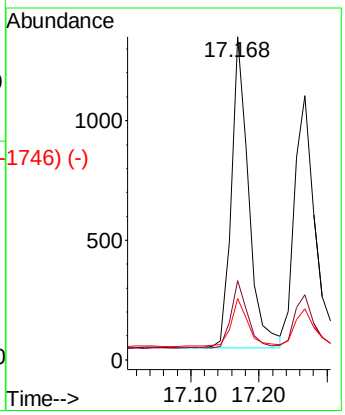


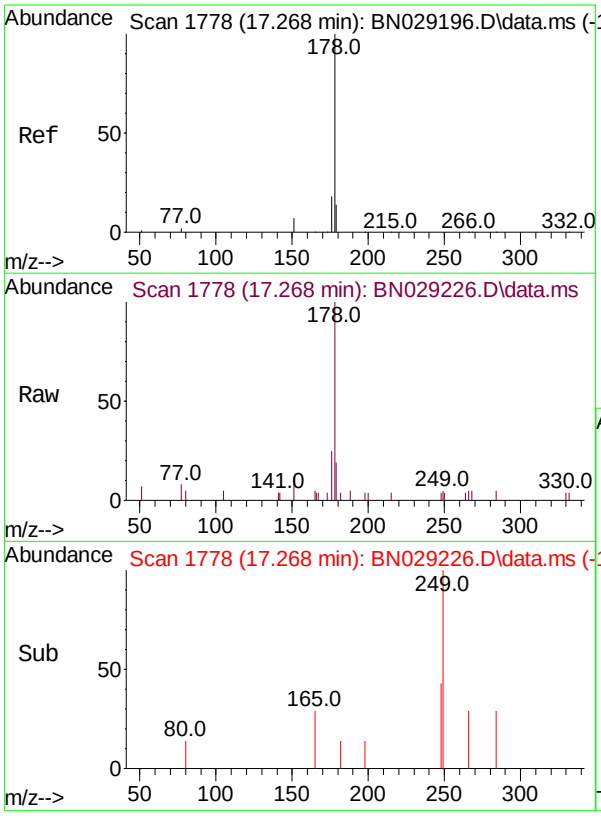
#25
Phenanthrene
Concen: 0.367 ng
RT: 17.168 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029226.D
Acq: 09 Jan 2024 13:56

Instrument :
BNA_N
ClientSampleId :
PB158280BS

Tgt Ion:178 Resp: 2296

Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.7	25.1
179	15.4	12.8	19.2

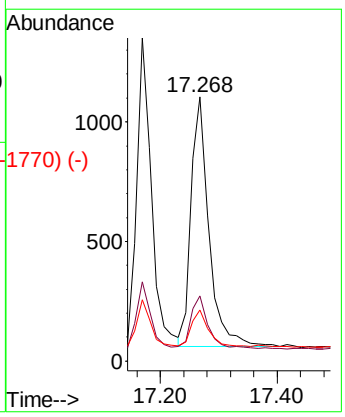


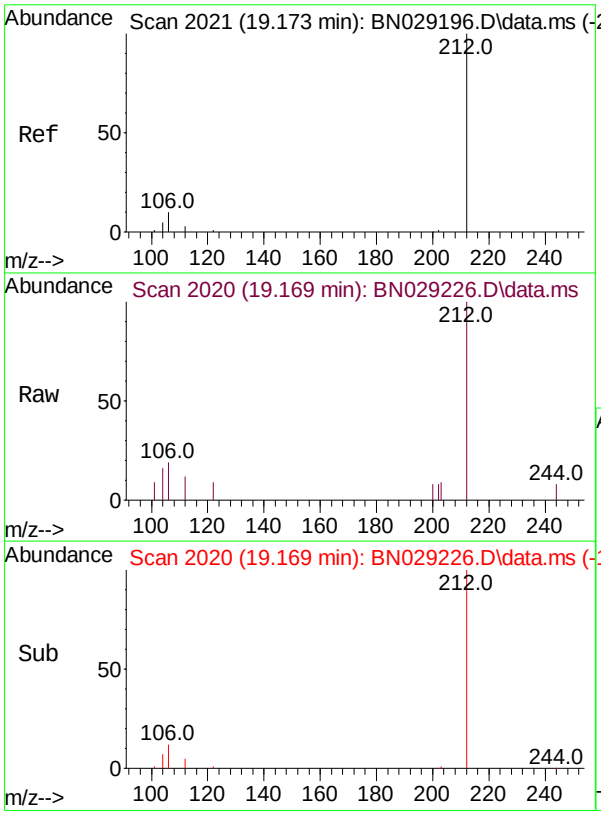


#26
Anthracene
Concen: 0.362 ng
RT: 17.268 min Scan# 1778
Delta R.T. -0.000 min
Lab File: BN029226.D
Acq: 09 Jan 2024 13:56

Tgt Ion:178 Resp: 2212

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.4	23.0
179	13.5	11.5	17.3



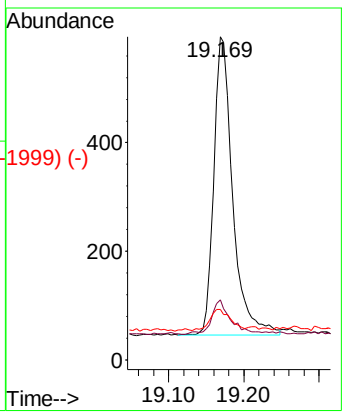


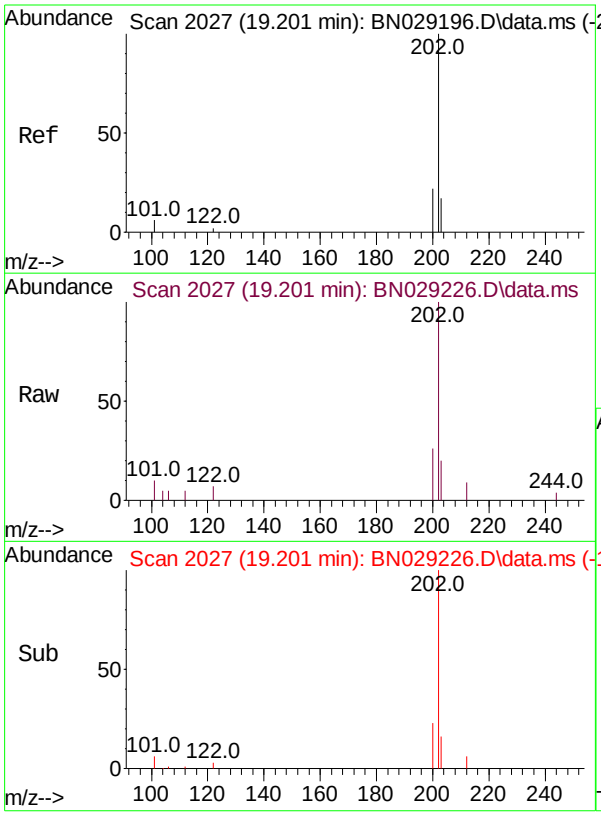
#27
Fluoranthene-d10
Concen: 0.330 ng
RT: 19.169 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN029226.D
Acq: 09 Jan 2024 13:56

Instrument :
BNA_N
ClientSampleId :
PB158280BS

Tgt Ion:212 Resp: 951

Ion	Ratio	Lower	Upper
212	100		
106	11.4	9.7	14.5
104	7.7	6.3	9.5

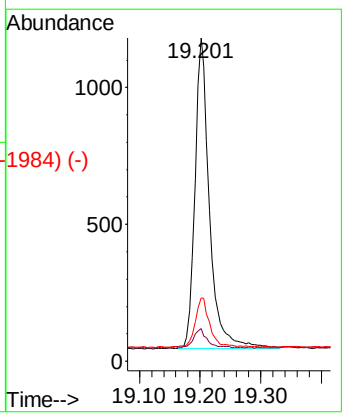


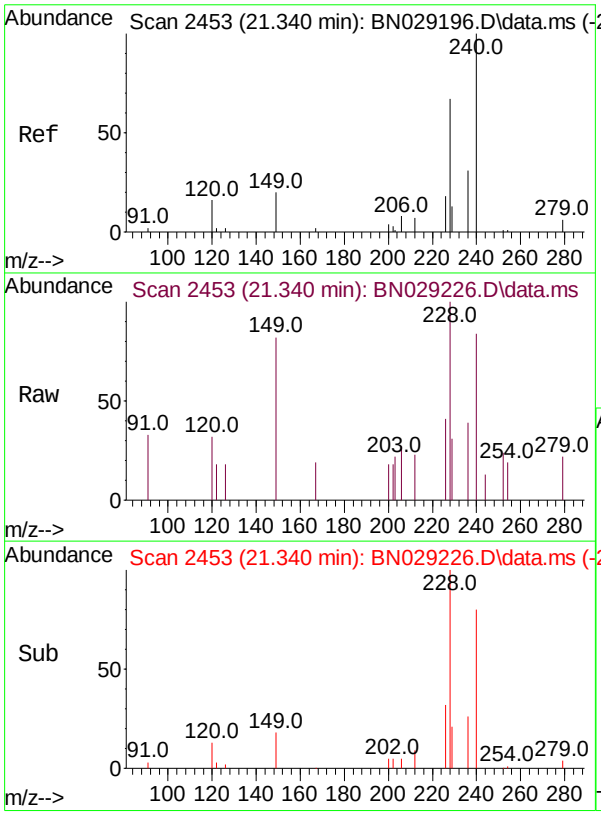


#28
Fluoranthene
Concen: 0.333 ng
RT: 19.201 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BN029226.D
Acq: 09 Jan 2024 13:56

Tgt Ion:202 Resp: 1868

Ion	Ratio	Lower	Upper
202	100		
101	5.9	5.8	8.6
203	16.3	13.6	20.4



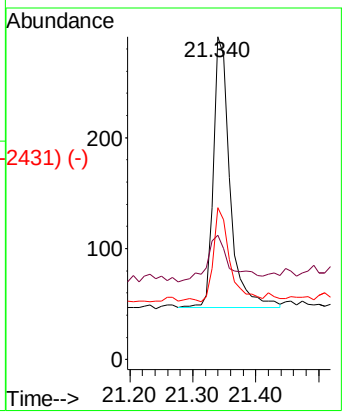


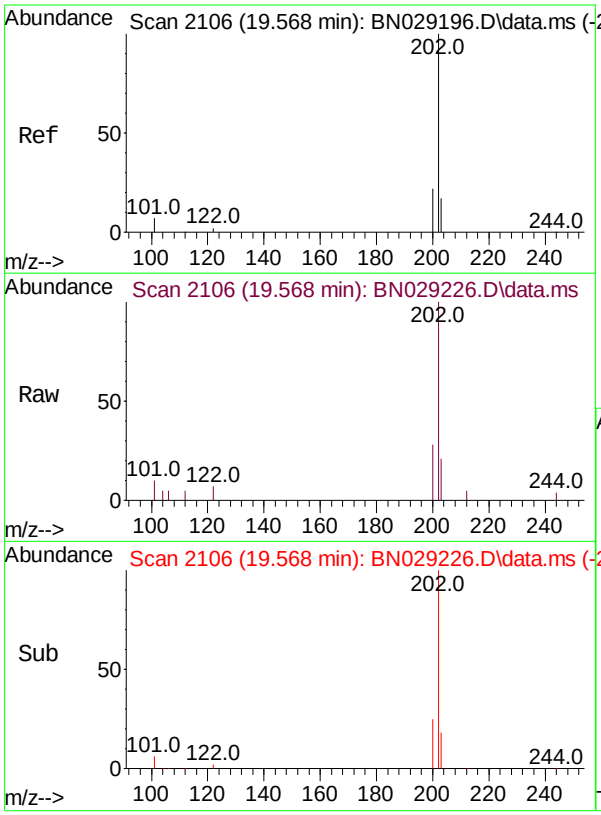
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.340 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN029226.D
Acq: 09 Jan 2024 13:56

Instrument :
BNA_N
ClientSampleId :
PB158280BS

Tgt Ion:240 Resp: 443

Ion	Ratio	Lower	Upper
240	100		
120	38.5	24.6	36.8#
236	47.1	32.0	48.0

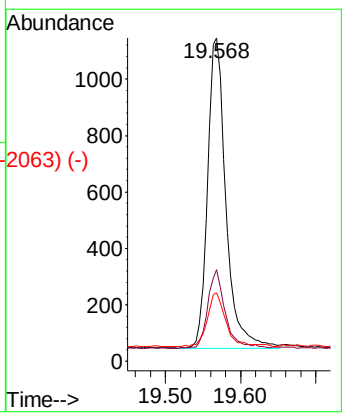


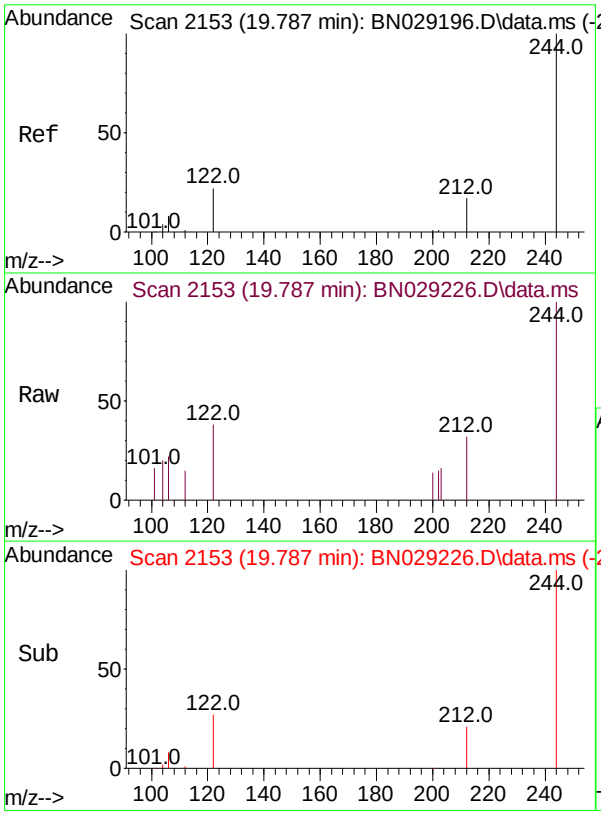


#30
Pyrene
Concen: 0.417 ng
RT: 19.568 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BN029226.D
Acq: 09 Jan 2024 13:56

Tgt Ion:202 Resp: 1862

Ion	Ratio	Lower	Upper
202	100		
200	24.0	18.2	27.4
203	17.2	14.8	22.2



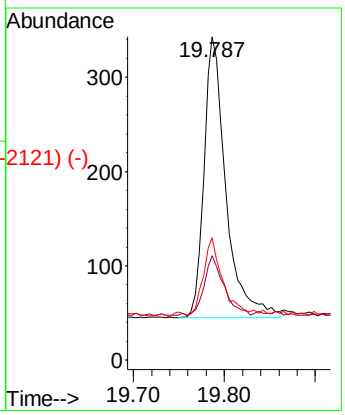


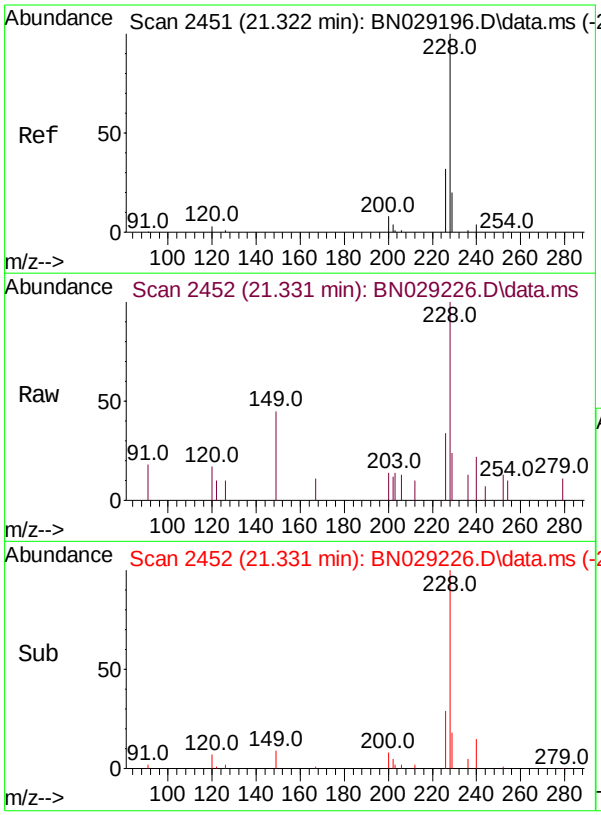
#84
Terphenyl-d14
Concen: 0.362 ng
RT: 19.787 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN029226.D
Acq: 09 Jan 2024 13:56

Instrument :
BNA_N
ClientSampleId :
PB158280BS

Tgt Ion:244 Resp: 497

Ion	Ratio	Lower	Upper
244	100		
212	32.4	20.1	30.1#
122	37.9	23.9	35.9#

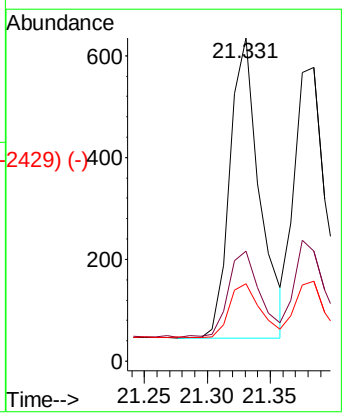


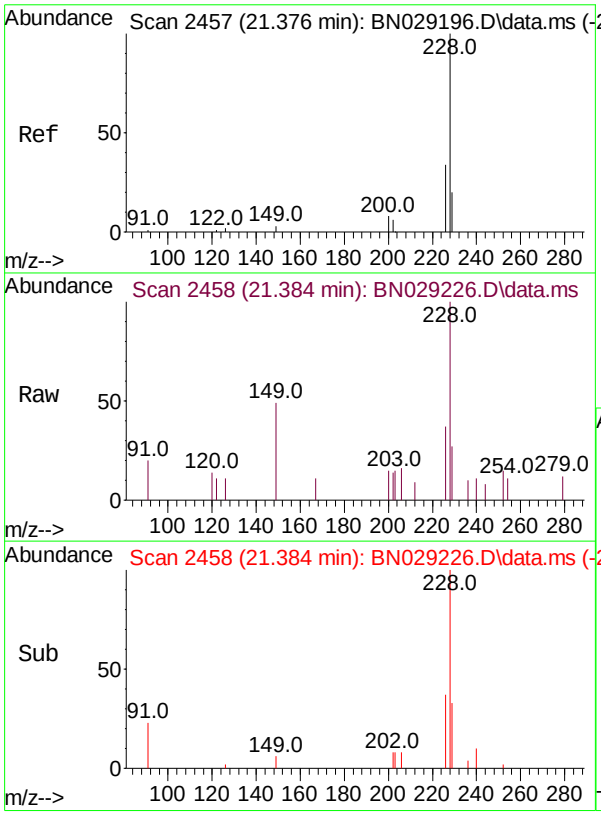


#82
Benzo(a)anthracene
Concen: 0.378 ng
RT: 21.331 min Scan# 2452
Delta R.T. 0.009 min
Lab File: BN029226.D
Acq: 09 Jan 2024 13:56

Tgt Ion:228 Resp: 968

Ion	Ratio	Lower	Upper
228	100		
226	34.0	29.0	43.4
229	23.9	20.1	30.1



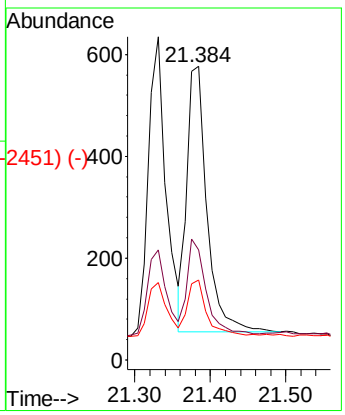


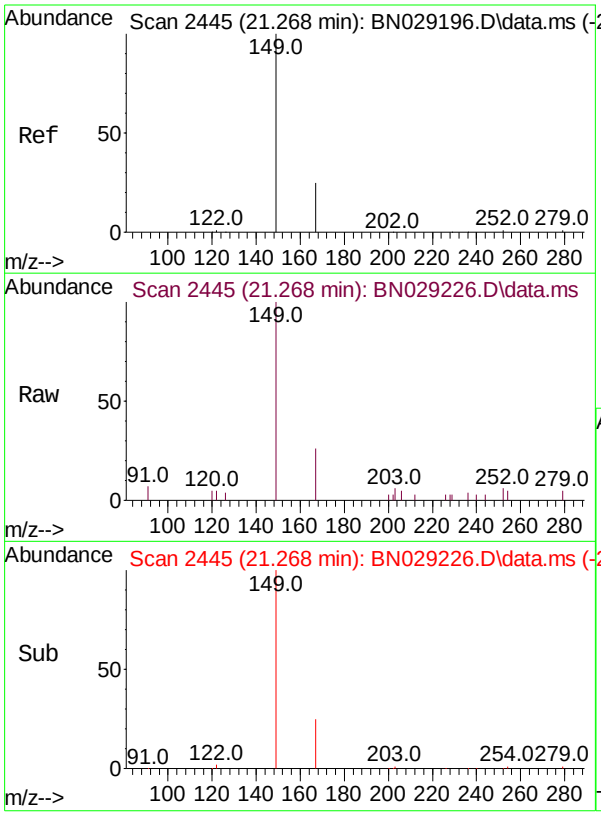
#33
Chrysene
Concen: 0.375 ng
RT: 21.384 min Scan# 2
Delta R.T. 0.009 min
Lab File: BN029226.D
Acq: 09 Jan 2024 13:56

Instrument :
BNA_N
ClientSampleId :
PB158280BS

Tgt Ion:228 Resp: 959

Ion	Ratio	Lower	Upper
228	100		
226	37.4	30.4	45.6
229	27.2	19.8	29.6

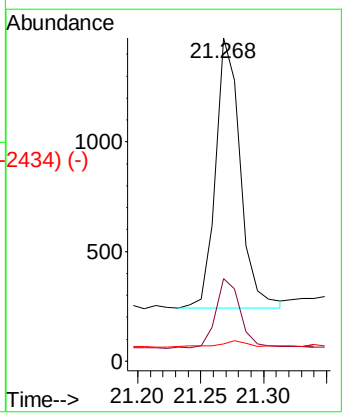


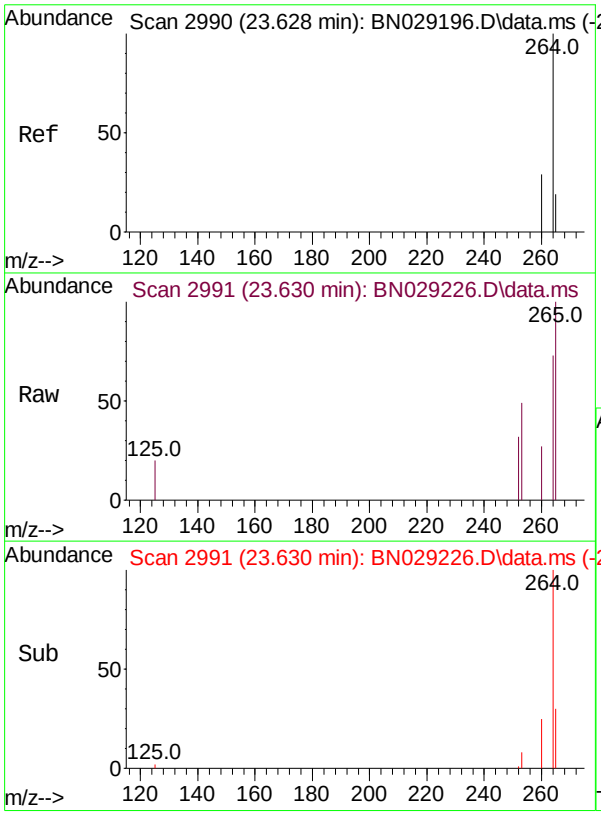


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.456 ng
RT: 21.268 min Scan# 2445
Delta R.T. 0.000 min
Lab File: BN029226.D
Acq: 09 Jan 2024 13:56

Tgt Ion:149 Resp: 1691

Ion	Ratio	Lower	Upper
149	100		
167	26.1	20.7	31.1
279	3.4	2.4	3.6



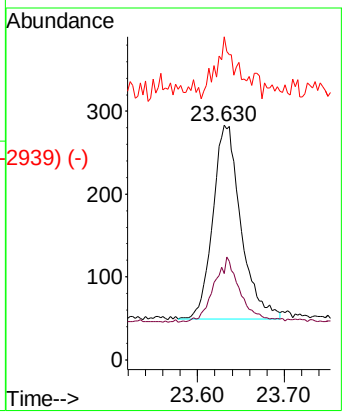


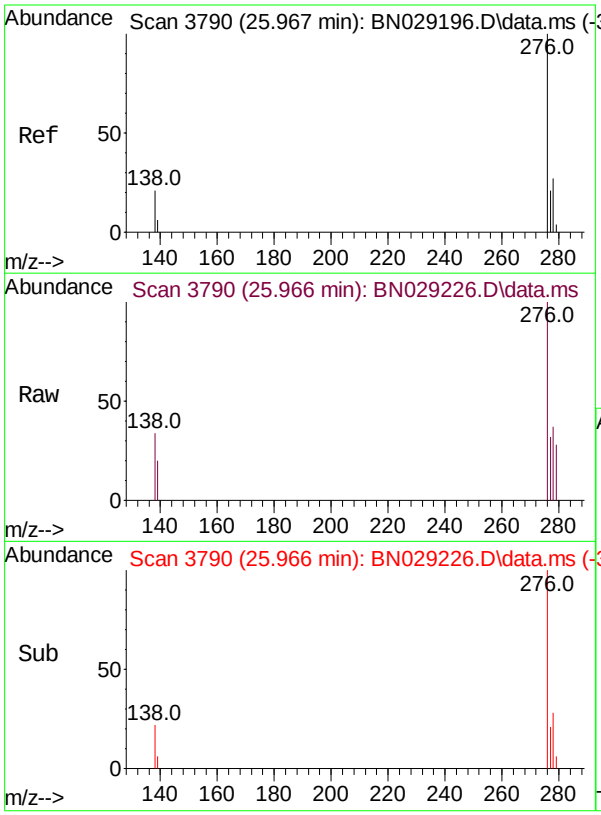
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.630 min Scan# 1
Delta R.T. 0.003 min
Lab File: BN029226.D
Acq: 09 Jan 2024 13:56

Instrument :
BNA_N
ClientSampleId :
PB158280BS

Tgt Ion:264 Resp: 532

Ion	Ratio	Lower	Upper
264	100		
260	36.7	30.2	45.4
265	137.8	88.1	132.1#

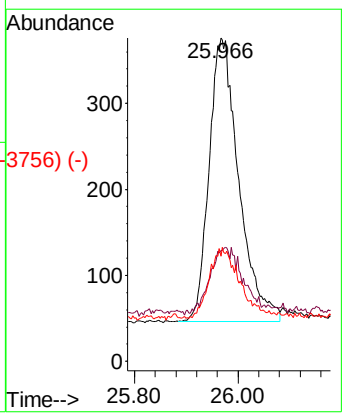


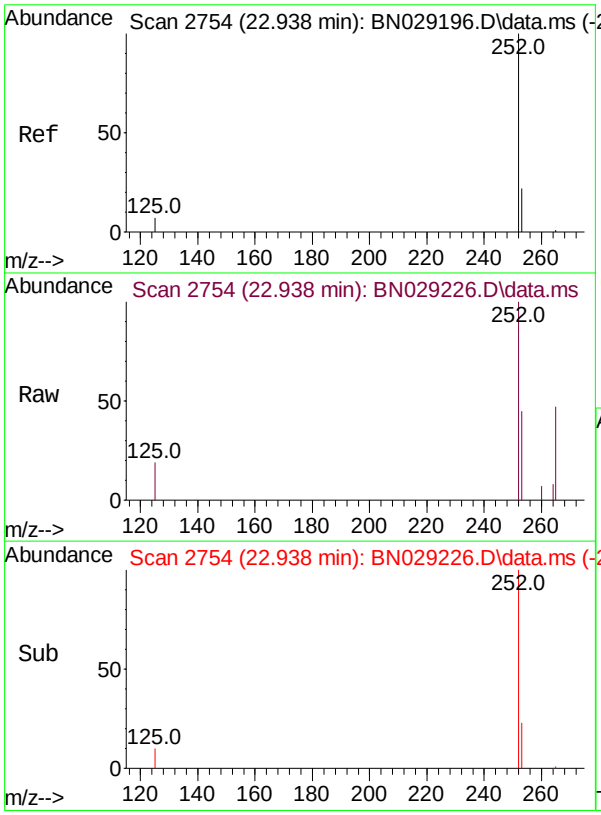


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.357 ng
RT: 25.966 min Scan# 3790
Delta R.T. -0.000 min
Lab File: BN029226.D
Acq: 09 Jan 2024 13:56

Tgt Ion:276 Resp: 1316

Ion	Ratio	Lower	Upper
276	100		
138	14.8	18.4	27.6#
277	25.5	17.2	25.8



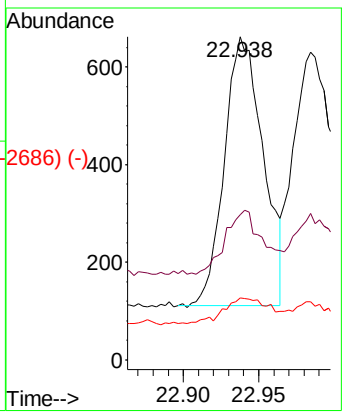


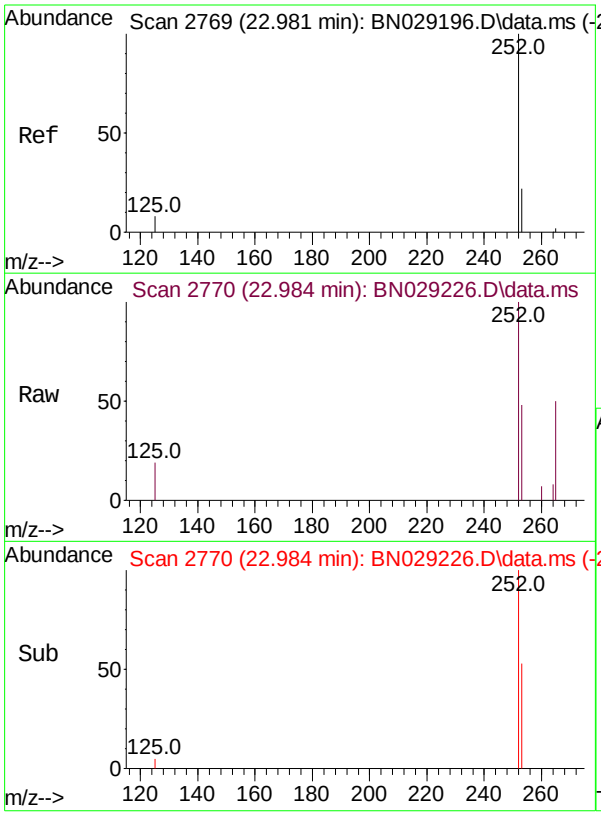
#37
Benzo(b)fluoranthene
Concen: 0.342 ng
RT: 22.938 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN029226.D
Acq: 09 Jan 2024 13:56

Instrument :
BNA_N
ClientSampleId :
PB158280BS

Tgt Ion:252 Resp: 985

Ion	Ratio	Lower	Upper
252	100		
253	45.0	34.3	51.5
125	19.2	13.4	20.0

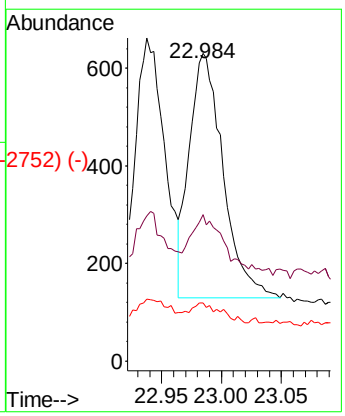


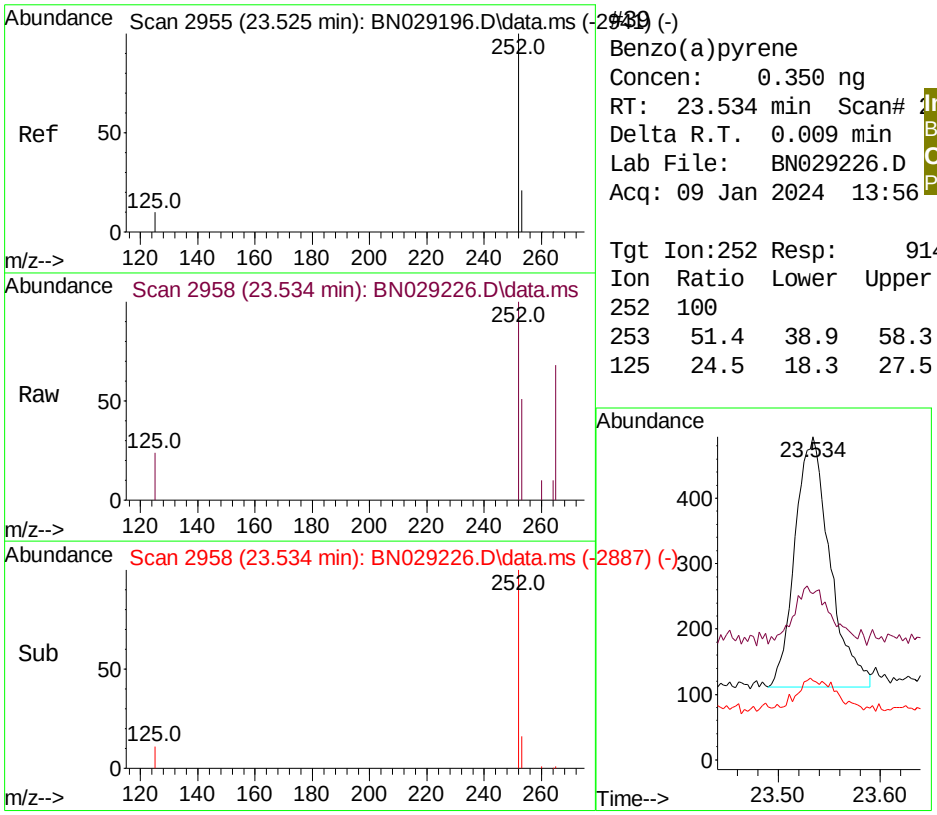


#38
Benzo(k)fluoranthene
Concen: 0.355 ng
RT: 22.984 min Scan# 2770
Delta R.T. 0.003 min
Lab File: BN029226.D
Acq: 09 Jan 2024 13:56

Tgt Ion:252 Resp: 991

Ion	Ratio	Lower	Upper
252	100		
253	47.5	33.4	50.0
125	18.9	13.9	20.9



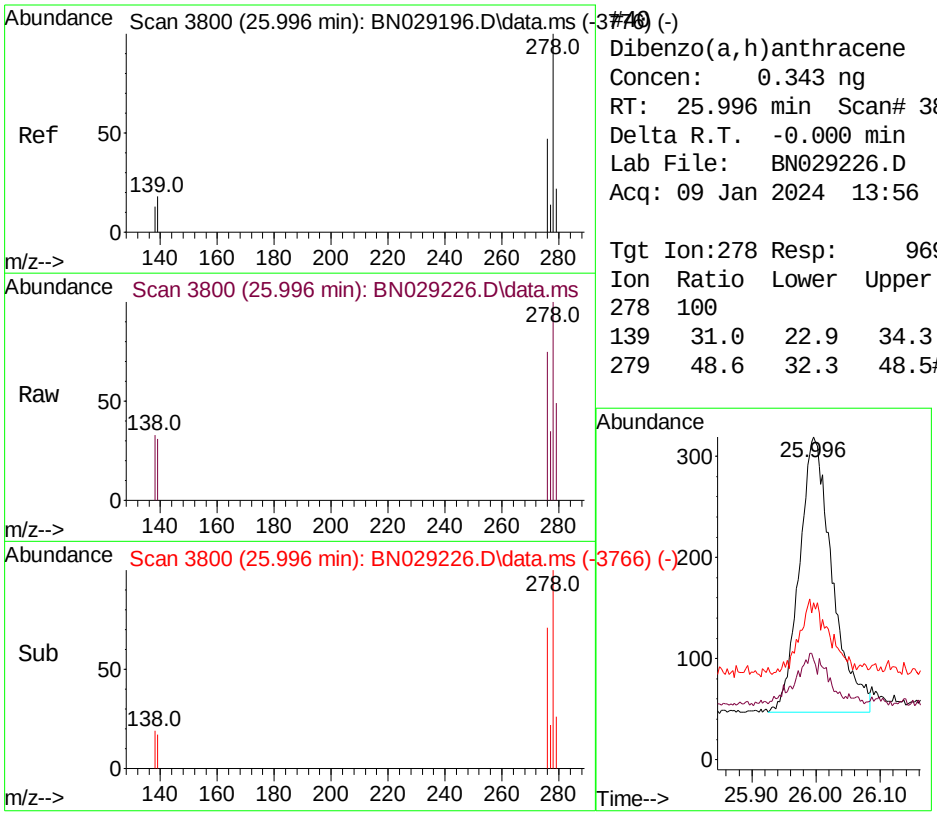


#39
Benzo(a)pyrene
Concen: 0.350 ng
RT: 23.534 min Scan# 1
Delta R.T. 0.009 min
Lab File: BN029226.D
Acq: 09 Jan 2024 13:56

Instrument :
BNA_N
ClientSampleId :
PB158280BS

Tgt Ion:252 Resp: 914

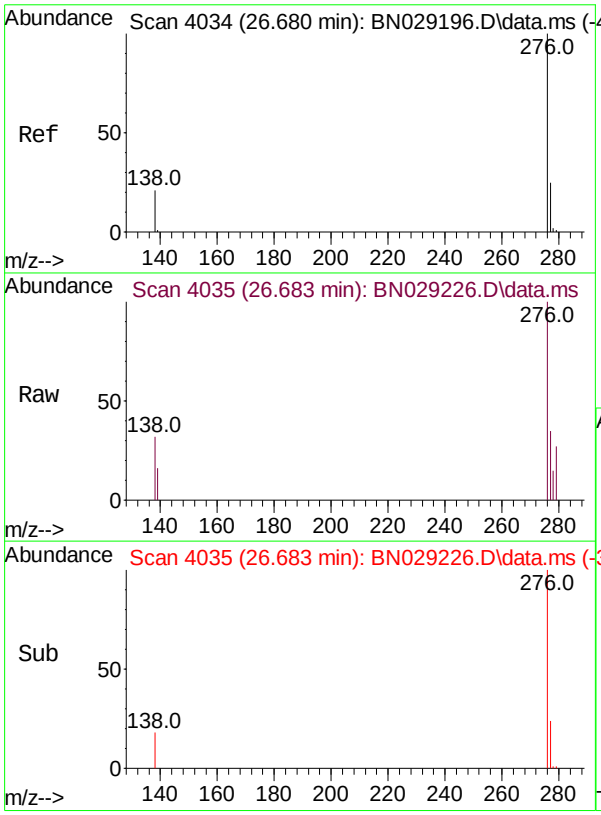
Ion	Ratio	Lower	Upper
252	100		
253	51.4	38.9	58.3
125	24.5	18.3	27.5



#40
Dibenzo(a,h)anthracene
Concen: 0.343 ng
RT: 25.996 min Scan# 3800
Delta R.T. -0.000 min
Lab File: BN029226.D
Acq: 09 Jan 2024 13:56

Tgt Ion:278 Resp: 969

Ion	Ratio	Lower	Upper
278	100		
139	31.0	22.9	34.3
279	48.6	32.3	48.5#



#41
Benzo(g,h,i)perylene
Concen: 0.366 ng
RT: 26.683 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN029226.D
Acq: 09 Jan 2024 13:56

Instrument :
BNA_N
ClientSampleId :
PB158280BS

Tgt Ion:276 Resp: 1143

Ion	Ratio	Lower	Upper
276	100		
277	35.1	26.4	39.6
138	31.7	26.0	39.0