Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050224\
Data File : BN031374.D
Acq On : 02 May 2024 16:47
Operator : MA/JU
Sample : P2329-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: May 02 17:14:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 02 15:02:22 2024
Response via : Initial Calibration

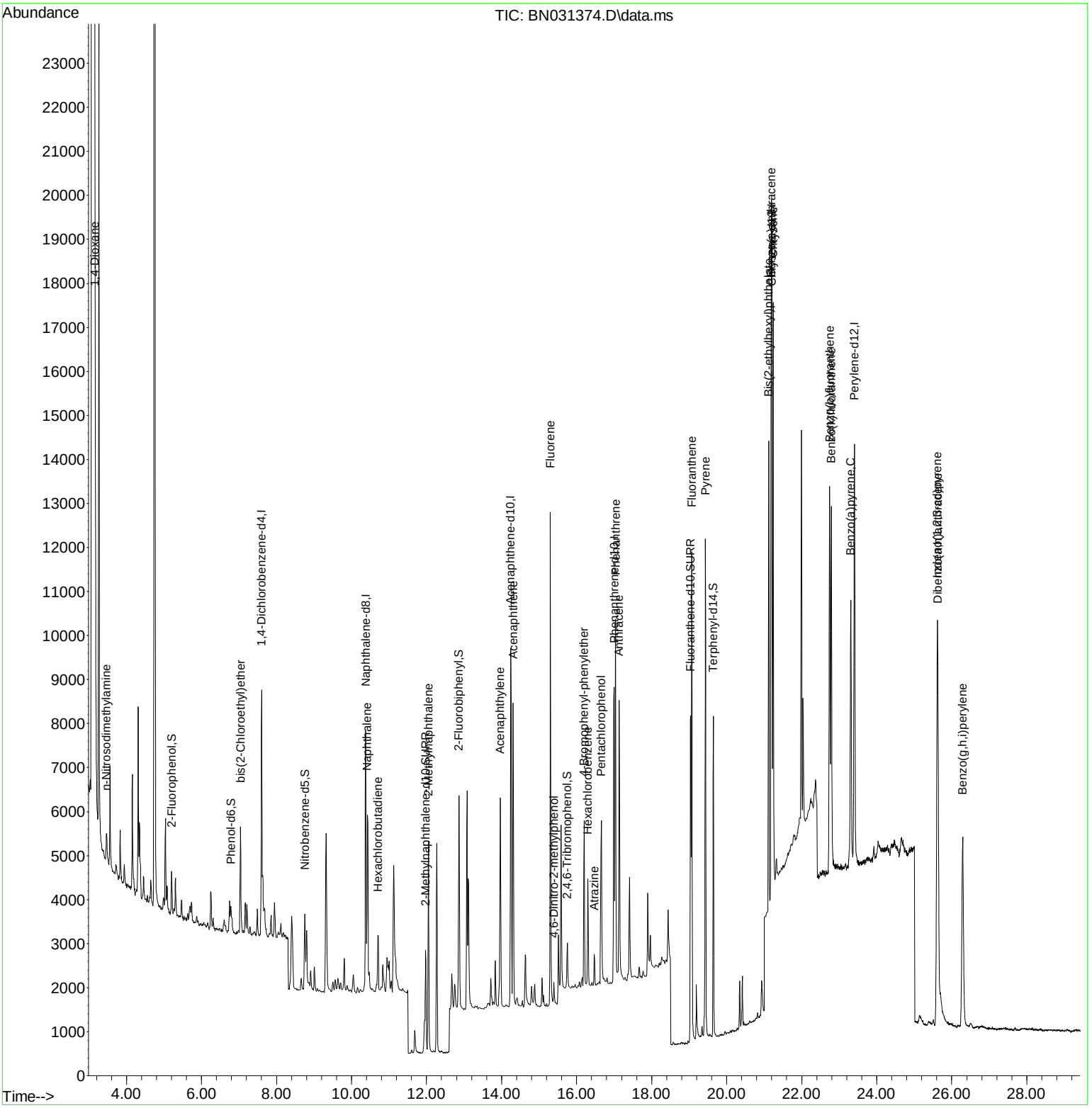
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.603	152	2712	0.400	ng		0.00
7) Naphthalene-d8	10.379	136	8175	0.400	ng		0.00
13) Acenaphthene-d10	14.242	164	4898	0.400	ng		0.00
19) Phenanthrene-d10	17.004	188	10929	0.400	ng	#	0.00
29) Chrysene-d12	21.202	240	11456	0.400	ng		0.00
35) Perylene-d12	23.402	264	12329	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.205	112	841	0.139	ng		0.00
5) Phenol-d6	6.787	99	579	0.079	ng		0.00
8) Nitrobenzene-d5	8.756	82	1522	0.269	ng		0.00
11) 2-Methylnaphthalene-d10	11.975	152	3157	0.251	ng		0.00
14) 2,4,6-Tribromophenol	15.750	330	589	0.310	ng		0.00
15) 2-Fluorobiphenyl	12.863	172	4136	0.251	ng		0.00
27) Fluoranthene-d10	19.040	212	8508	0.289	ng		0.00
31) Terphenyl-d14	19.644	244	7117	0.268	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.154	88	12920	3.875	ng	#	92
3) n-Nitrosodimethylamine	3.465	42	461	0.148	ng	#	94
6) bis(2-Chloroethyl)ether	7.040	93	1786	0.247	ng		94
9) Naphthalene	10.421	128	5393	0.239	ng		96
10) Hexachlorobutadiene	10.709	225	1150	0.254	ng	#	99
12) 2-Methylnaphthalene	12.051	142	3472	0.232	ng	#	94
16) Acenaphthylene	13.964	152	5105	0.236	ng		98
17) Acenaphthene	14.306	154	3255	0.214	ng		98
18) Fluorene	15.301	166	4432	0.220	ng		98
20) 4,6-Dinitro-2-methylph...	15.397	198	374	0.329	ng	#	83
21) 4-Bromophenyl-phenylether	16.197	248	1528	0.235	ng	#	88
22) Hexachlorobenzene	16.296	284	1712	0.226	ng		97
23) Atrazine	16.470	200	544	0.116	ng		92
24) Pentachlorophenol	16.656	266	2036	0.794	ng		99
25) Phenanthrene	17.041	178	8210	0.255	ng		99
26) Anthracene	17.128	178	6979	0.261	ng		99
28) Fluoranthene	19.068	202	9845	0.254	ng		99
30) Pyrene	19.435	202	10460	0.235	ng		100
32) Benzo(a)anthracene	21.184	228	10278	0.258	ng		98
33) Chrysene	21.238	228	10408	0.240	ng		98
34) Bis(2-ethylhexyl)phtha...	21.122	149	9108	0.498	ng		97
36) Indeno(1,2,3-cd)pyrene	25.616	276	11619	0.203	ng		95
37) Benzo(b)fluoranthene	22.745	252	10896	0.214	ng	#	86
38) Benzo(k)fluoranthene	22.788	252	11267	0.226	ng	#	88
39) Benzo(a)pyrene	23.309	252	8699	0.205	ng	#	82
40) Dibenzo(a,h)anthracene	25.627	278	9356	0.204	ng	#	87
41) Benzo(g,h,i)perylene	26.288	276	9331	0.185	ng		97

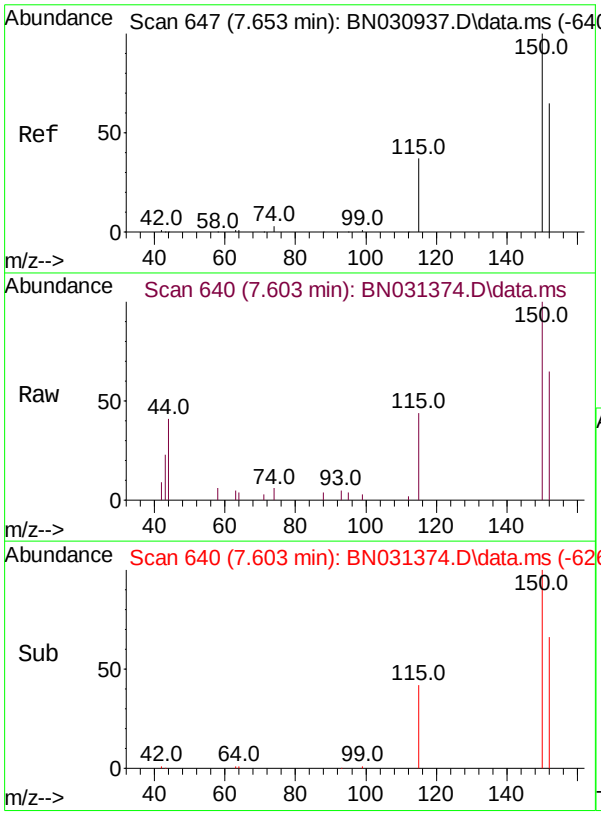
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050224\
Data File : BN031374.D
Acq On : 02 May 2024 16:47
Operator : MA/JU
Sample : P2329-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: May 02 17:14:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 02 15:02:22 2024
Response via : Initial Calibration



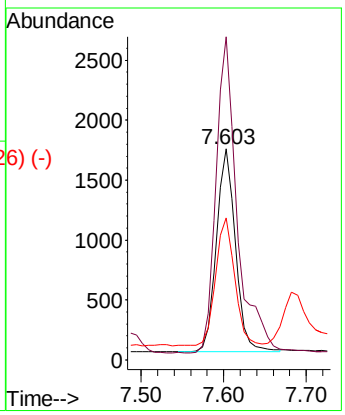


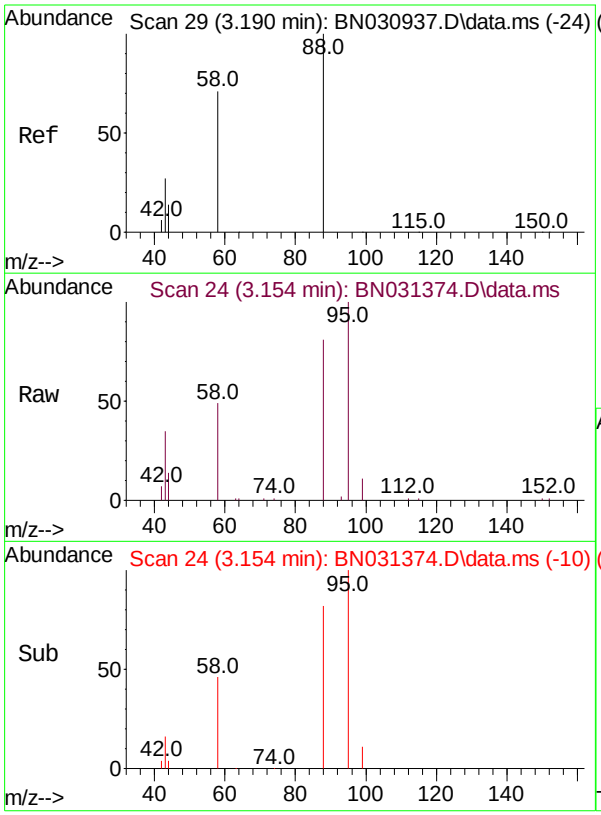
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.603 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN031374.D
Acq: 02 May 2024 16:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 2712

Ion	Ratio	Lower	Upper
152	100		
150	152.8	121.7	182.5
115	67.2	47.8	71.8

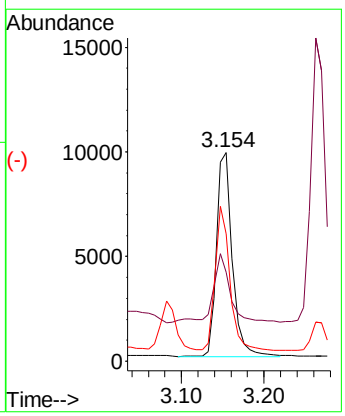


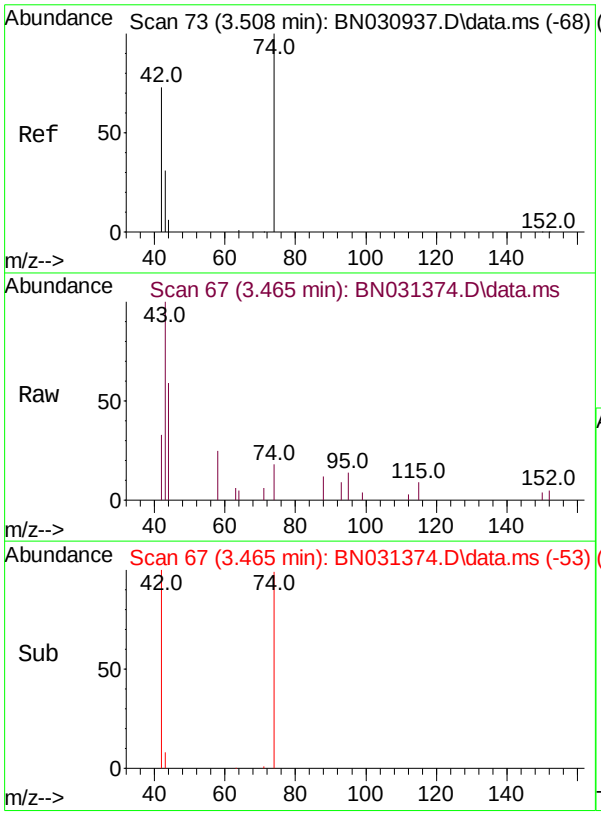


#2
1,4-Dioxane
Concen: 3.875 ng
RT: 3.154 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN031374.D
Acq: 02 May 2024 16:47

Tgt Ion: 88 Resp: 12920

Ion	Ratio	Lower	Upper
88	100		
43	37.1	23.7	35.5#
58	65.5	55.7	83.5



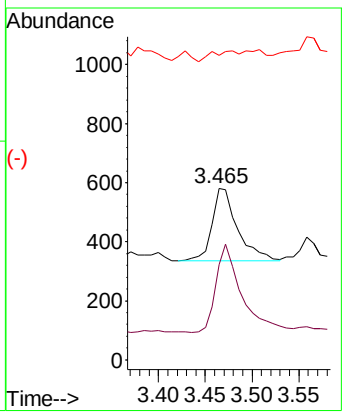


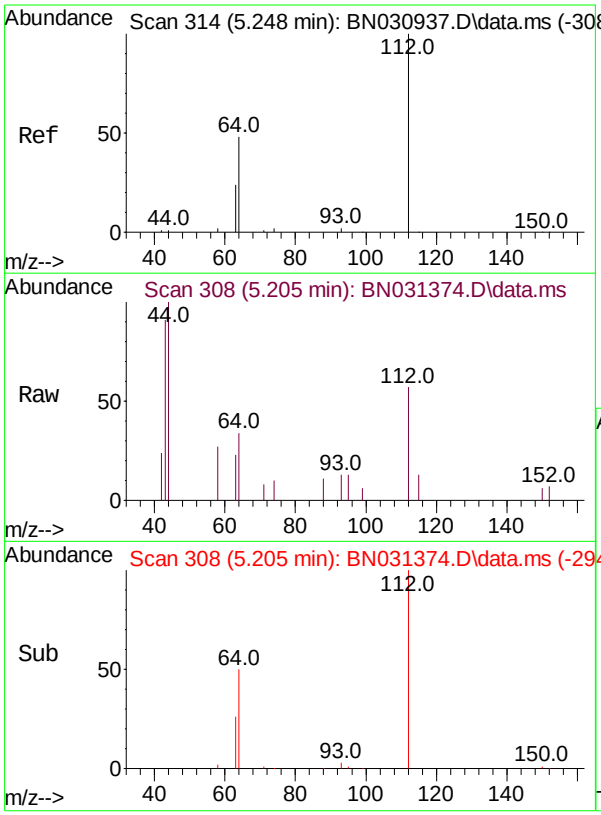
#3
n-Nitrosodimethylamine
Concen: 0.148 ng
RT: 3.465 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN031374.D
Acq: 02 May 2024 16:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 461

Ion	Ratio	Lower	Upper
42	100		
74	123.2	103.1	154.7
44	16.7	7.0	10.6#

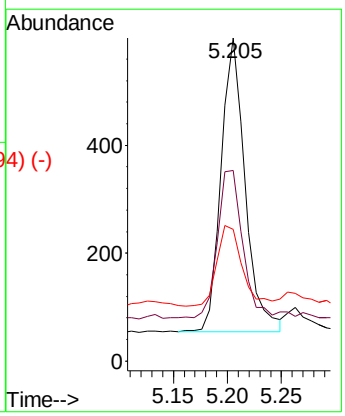


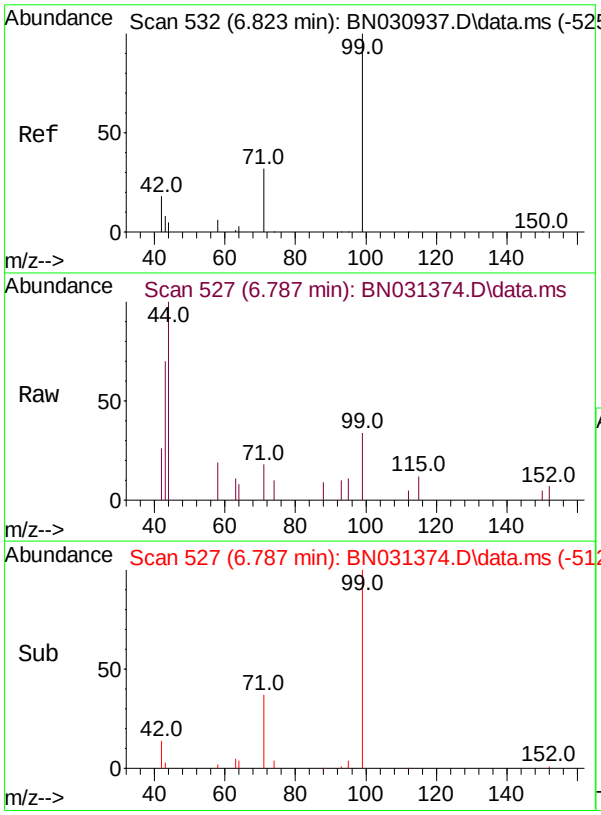


#4
2-Fluorophenol
Concen: 0.139 ng
RT: 5.205 min Scan# 308
Delta R.T. 0.000 min
Lab File: BN031374.D
Acq: 02 May 2024 16:47

Tgt Ion:112 Resp: 841

Ion	Ratio	Lower	Upper
112	100		
64	54.0	43.4	65.2
63	28.5	22.2	33.2



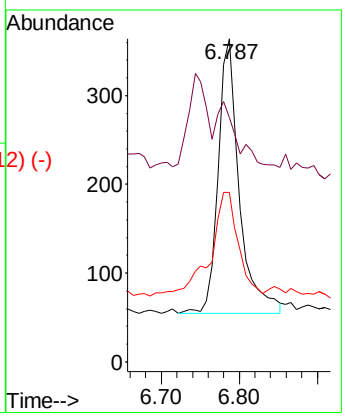


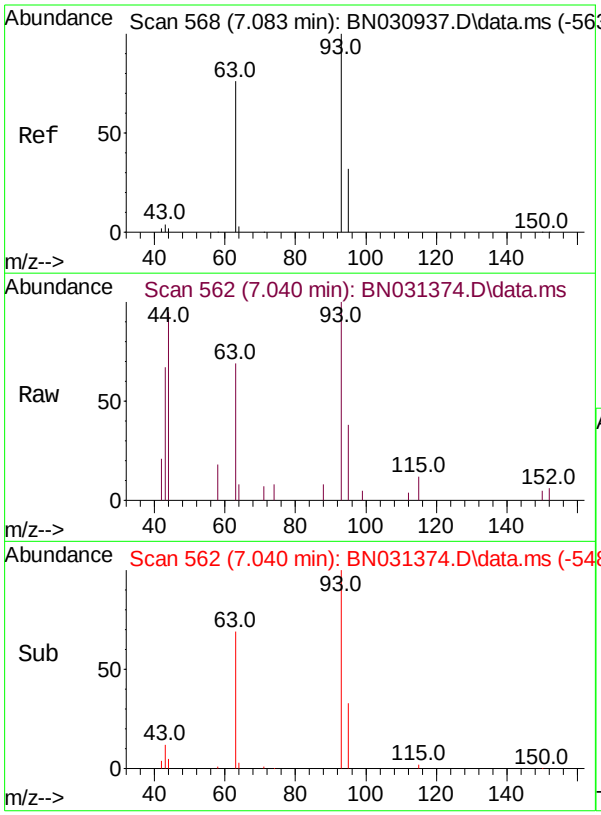
#5
Phenol-d6
Concen: 0.079 ng
RT: 6.787 min Scan# 5
Delta R.T. 0.007 min
Lab File: BN031374.D
Acq: 02 May 2024 16:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 579

Ion	Ratio	Lower	Upper
99	100		
42	20.7	16.4	24.6
71	46.3	26.3	39.5#

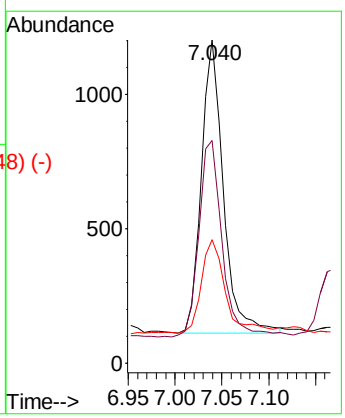


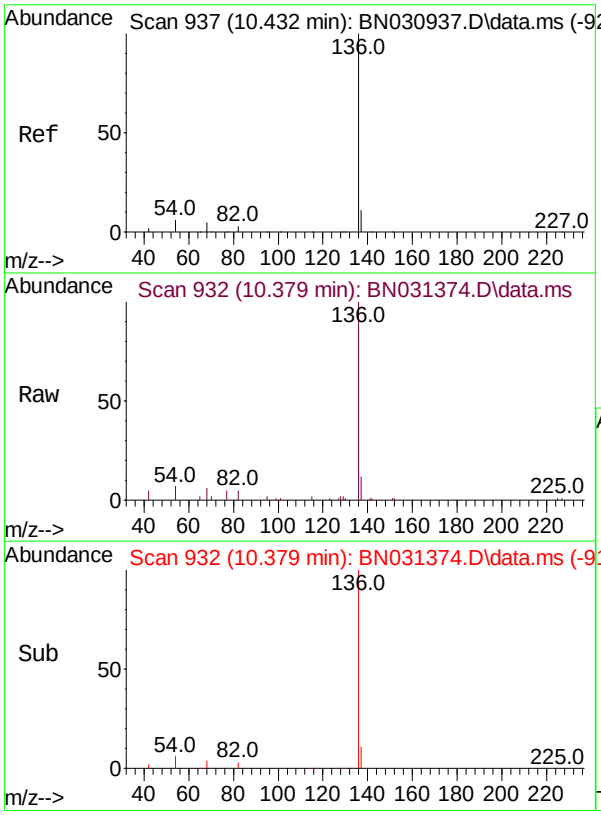


#6
bis(2-Chloroethyl)ether
Concen: 0.247 ng
RT: 7.040 min Scan# 562
Delta R.T. 0.000 min
Lab File: BN031374.D
Acq: 02 May 2024 16:47

Tgt Ion: 93 Resp: 1786

Ion	Ratio	Lower	Upper
93	100		
63	70.4	61.8	92.8
95	34.5	27.4	41.0



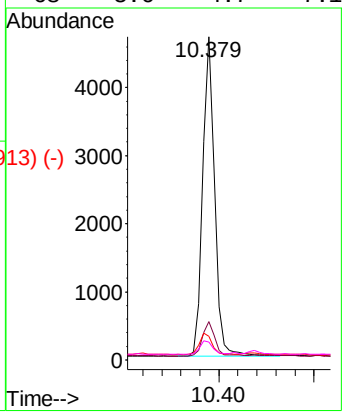


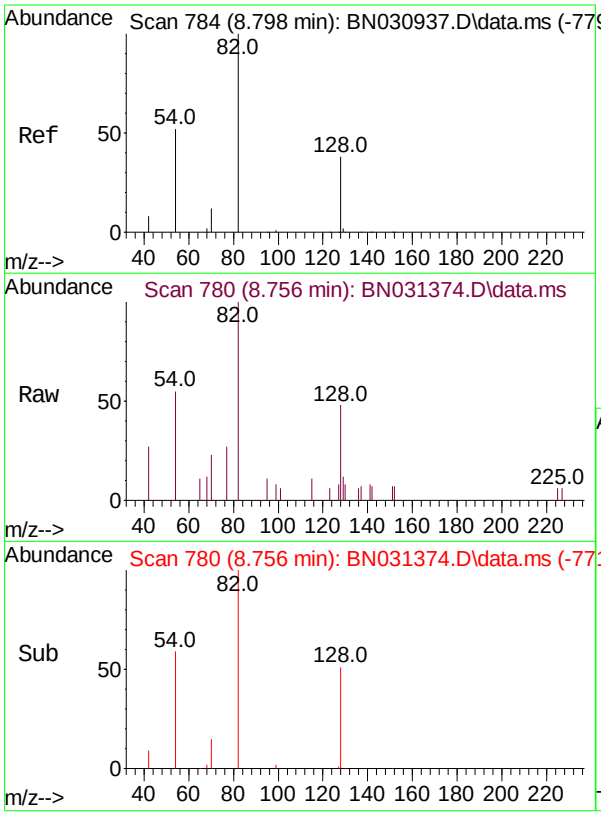
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.379 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN031374.D
Acq: 02 May 2024 16:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 8175

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.4	14.0
54	7.2	5.3	7.9
68	5.6	4.7	7.1

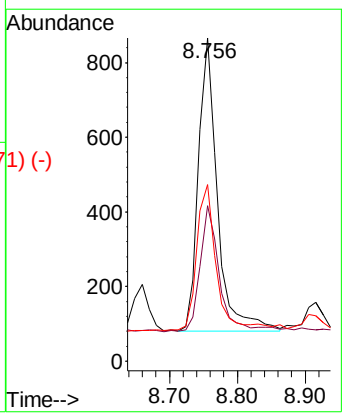


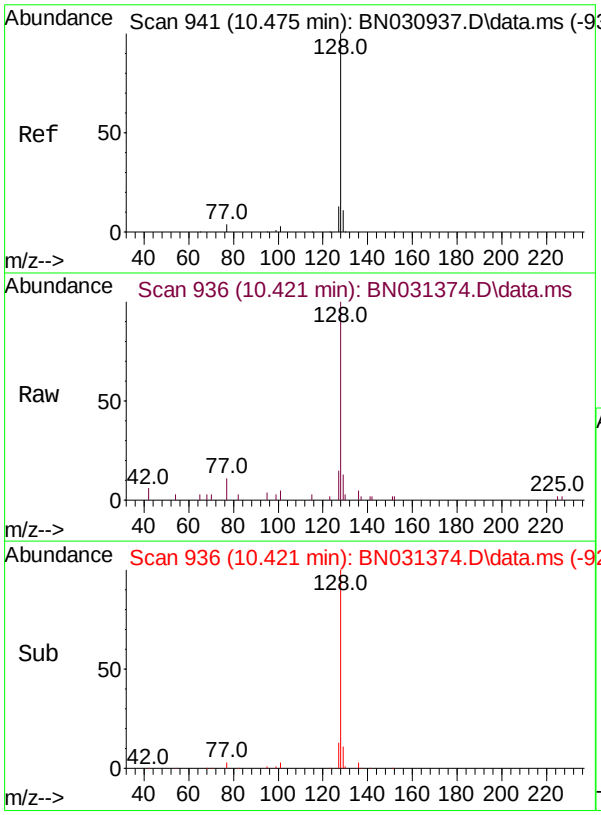


#8
Nitrobenzene-d5
Concen: 0.269 ng
RT: 8.756 min Scan# 780
Delta R.T. 0.000 min
Lab File: BN031374.D
Acq: 02 May 2024 16:47

Tgt Ion: 82 Resp: 1522

Ion	Ratio	Lower	Upper
82	100		
128	48.0	33.7	50.5
54	54.6	43.7	65.5



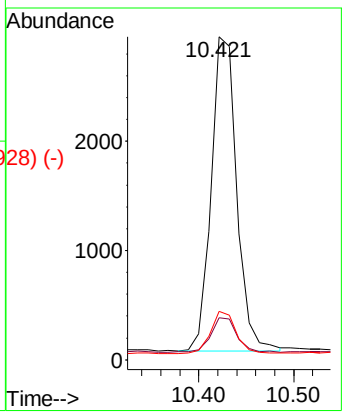


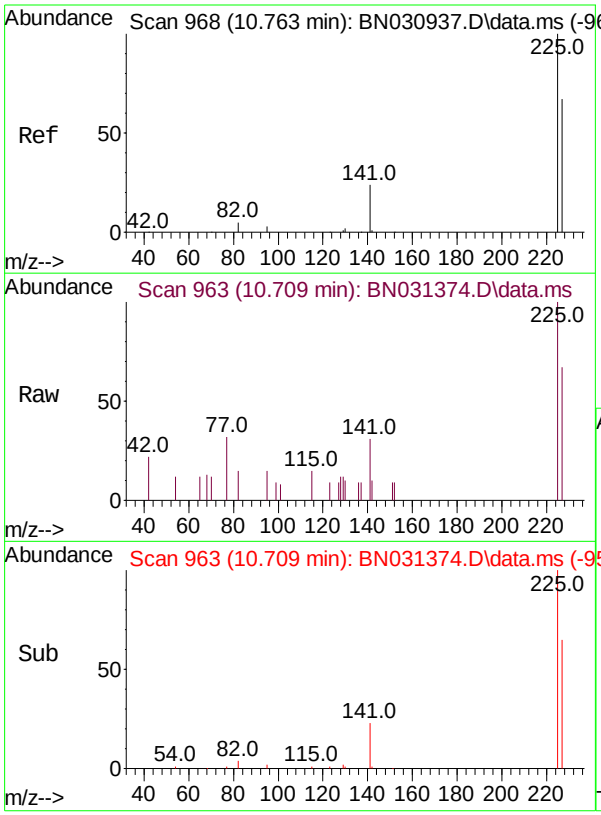
#9
Naphthalene
Concen: 0.239 ng
RT: 10.421 min Scan# 9
Delta R.T. -0.010 min
Lab File: BN031374.D
Acq: 02 May 2024 16:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 5393

Ion	Ratio	Lower	Upper
128	100		
129	13.1	9.4	14.0
127	15.0	10.9	16.3

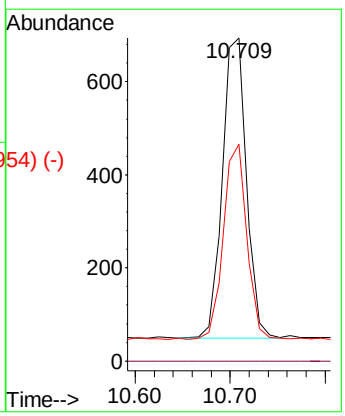


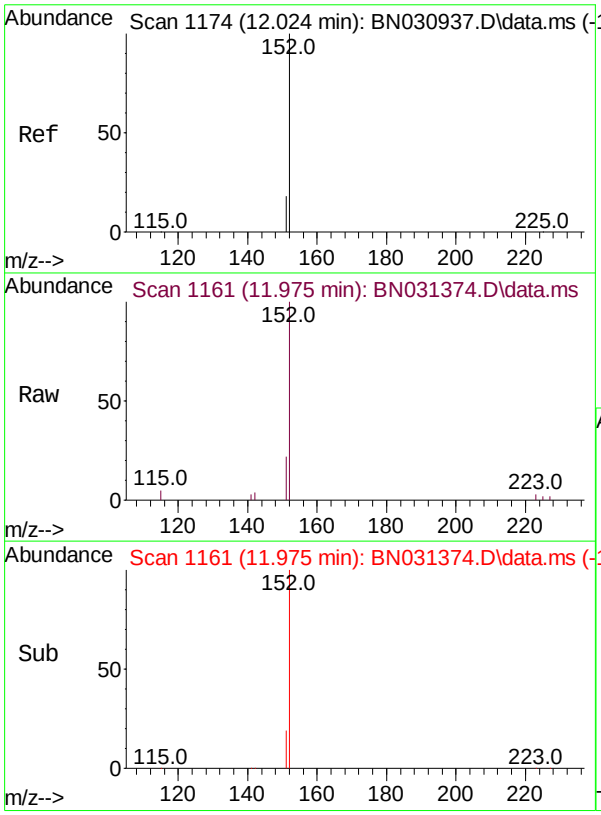


#10
Hexachlorobutadiene
Concen: 0.254 ng
RT: 10.709 min Scan# 963
Delta R.T. 0.000 min
Lab File: BN031374.D
Acq: 02 May 2024 16:47

Tgt Ion:225 Resp: 1150

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.0	51.3	76.9



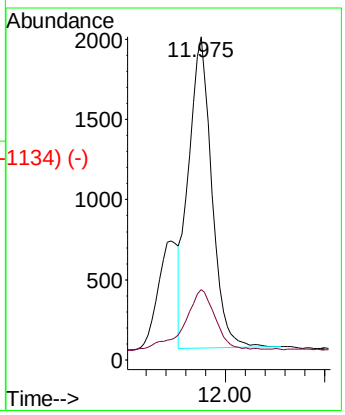


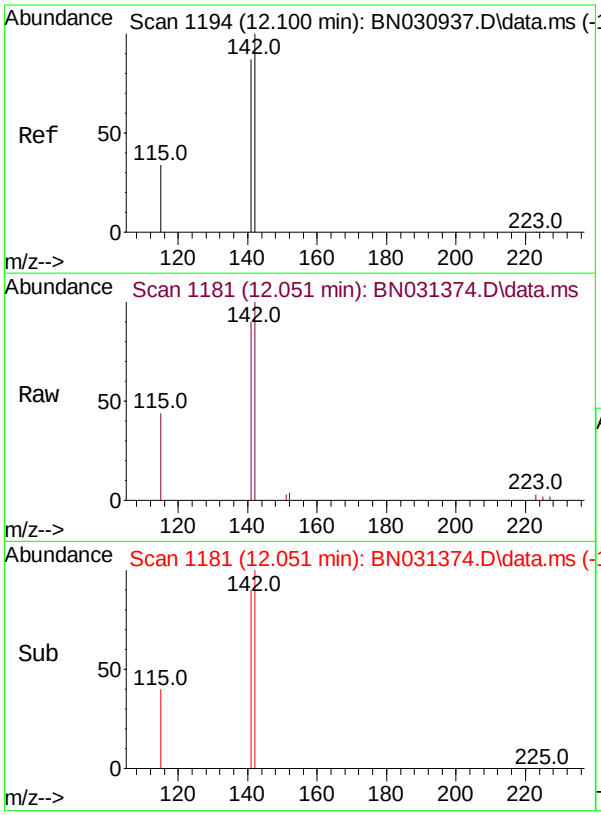
#11
2-Methylnaphthalene-d10
Concen: 0.251 ng
RT: 11.975 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN031374.D
Acq: 02 May 2024 16:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 3157

Ion	Ratio	Lower	Upper
152	100		
151	26.4	16.7	25.1#

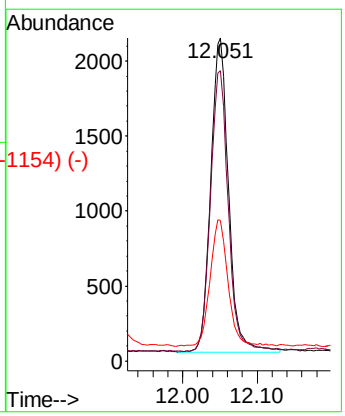


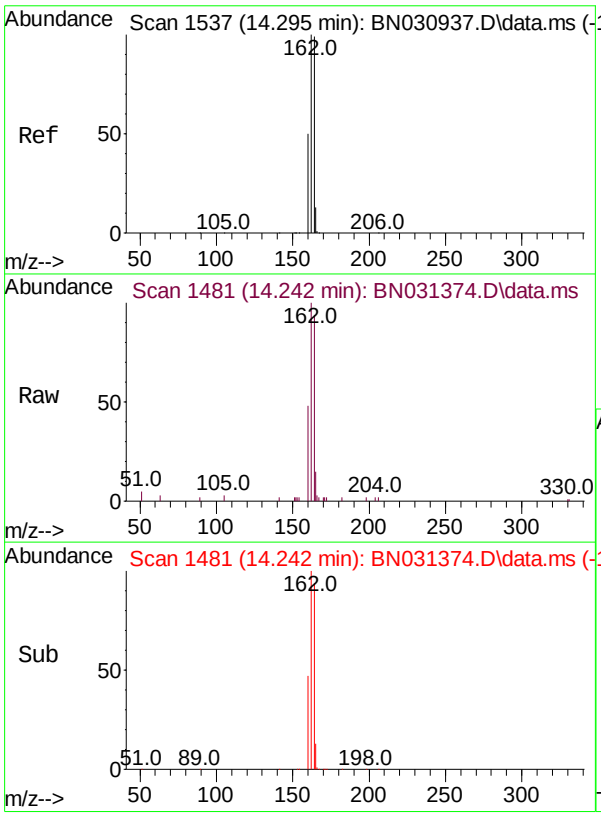


#12
2-Methylnaphthalene
Concen: 0.232 ng
RT: 12.051 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BN031374.D
Acq: 02 May 2024 16:47

Tgt Ion:142 Resp: 3472

Ion	Ratio	Lower	Upper
142	100		
141	90.0	69.8	104.8
115	43.6	28.3	42.5#



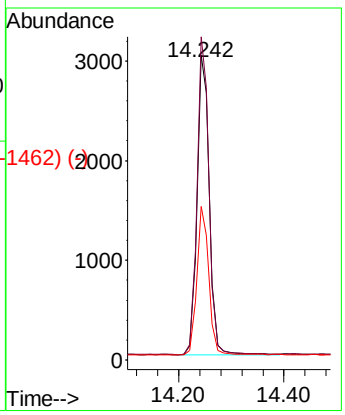


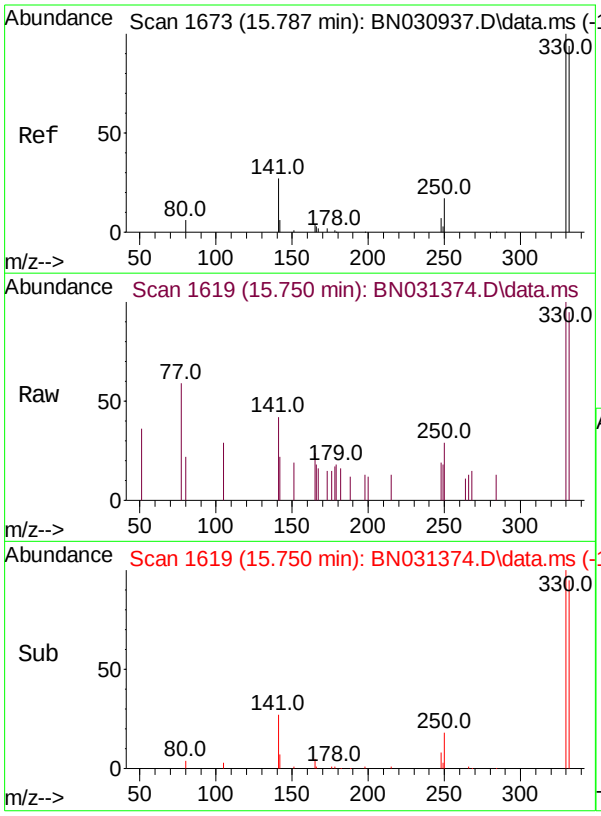
#10
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.242 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN031374.D
Acq: 02 May 2024 16:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 4898

Ion	Ratio	Lower	Upper
164	100		
162	106.0	80.6	121.0
160	50.4	40.7	61.1

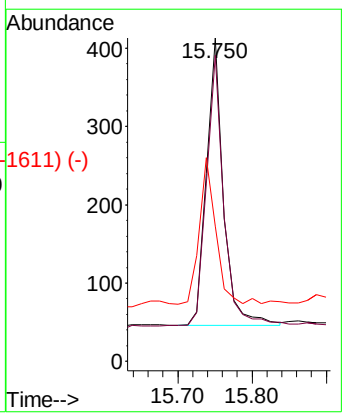


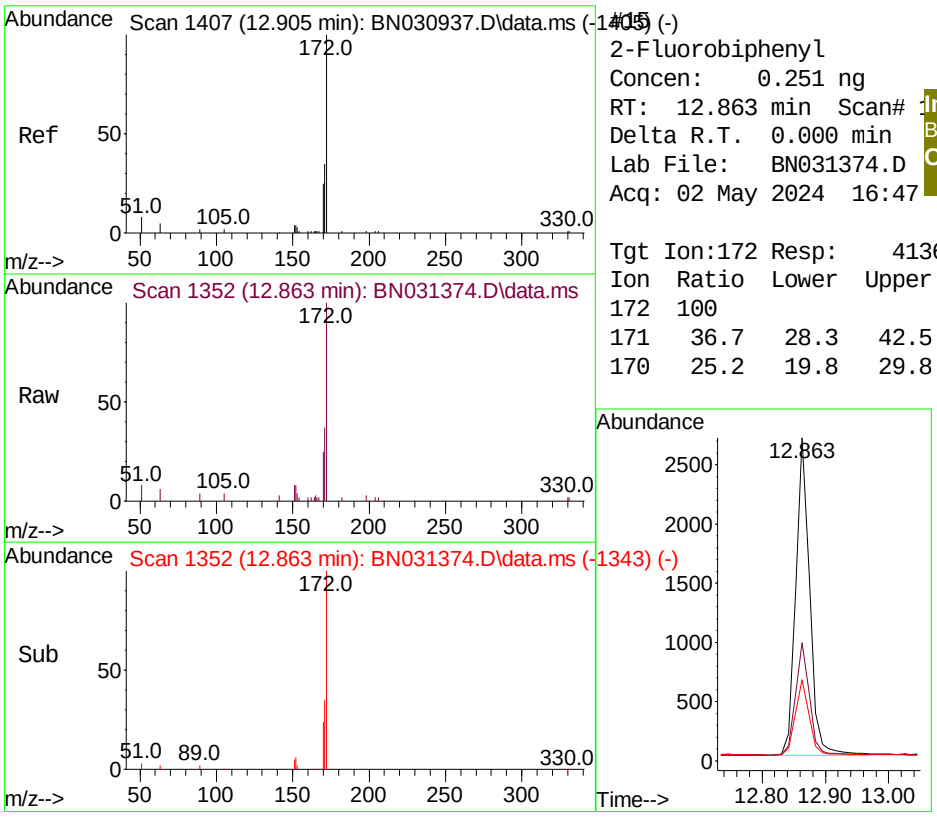


#14
2,4,6-Tribromophenol
Concen: 0.310 ng
RT: 15.750 min Scan# 1619
Delta R.T. 0.000 min
Lab File: BN031374.D
Acq: 02 May 2024 16:47

Tgt Ion:330 Resp: 589

Ion	Ratio	Lower	Upper
330	100		
332	96.4	74.2	111.2
141	50.3	37.2	55.8



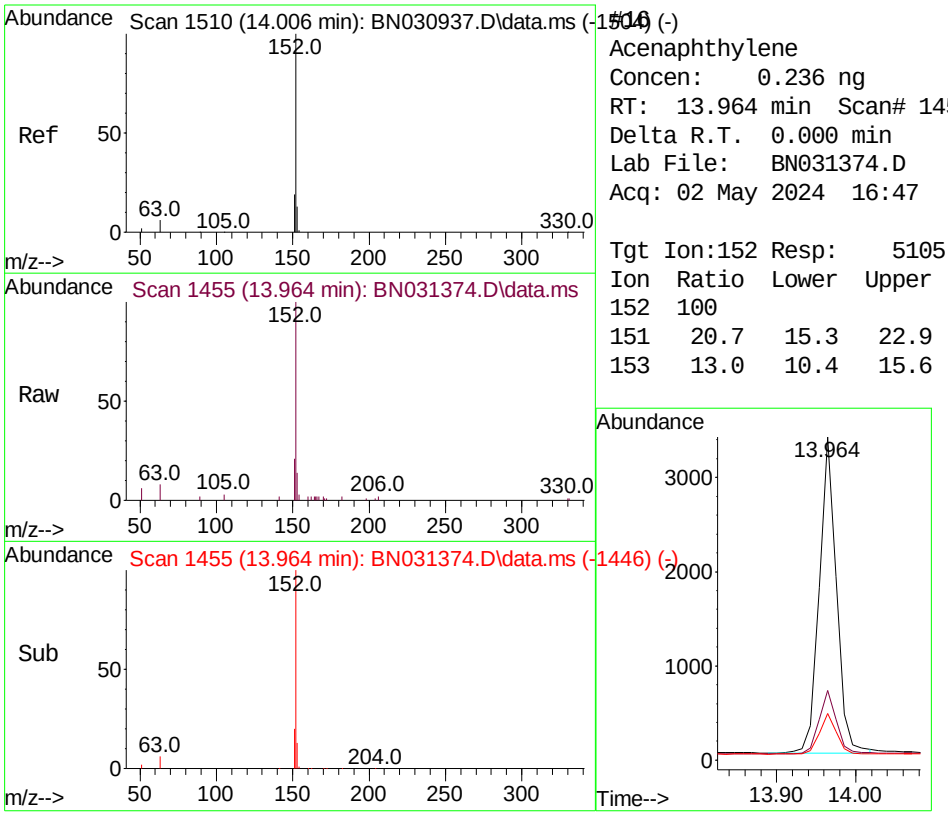


#15
2-Fluorobiphenyl
Concen: 0.251 ng
RT: 12.863 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN031374.D
Acq: 02 May 2024 16:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 4136

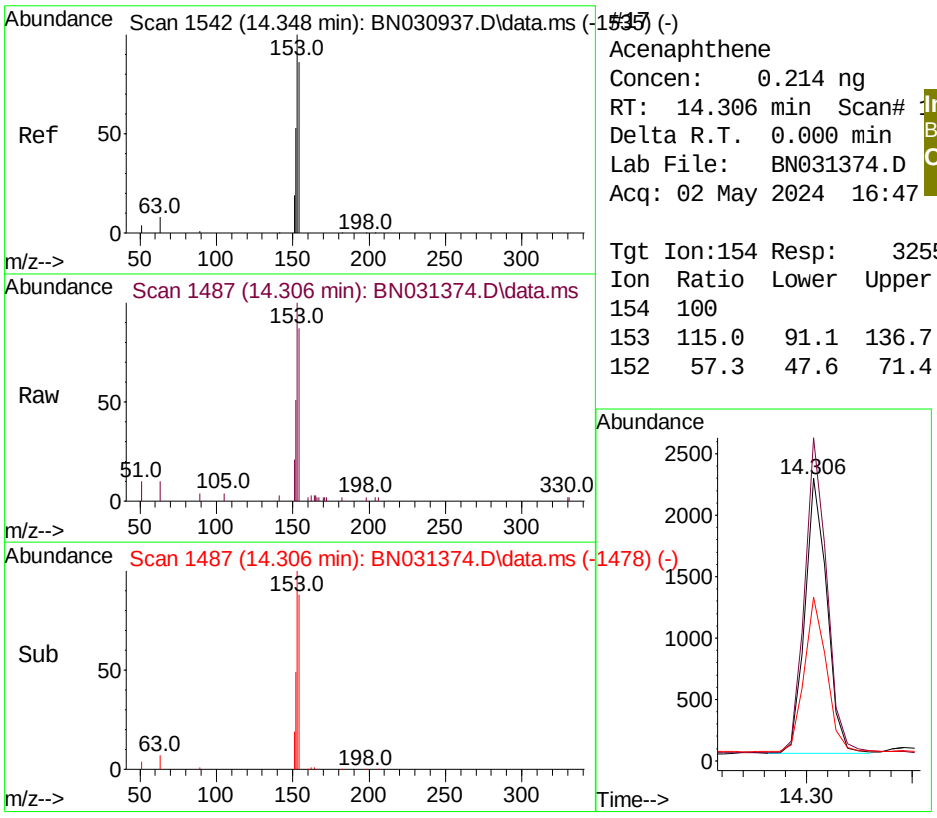
Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.3	42.5
170	25.2	19.8	29.8



#16
Acenaphthylene
Concen: 0.236 ng
RT: 13.964 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BN031374.D
Acq: 02 May 2024 16:47

Tgt Ion:152 Resp: 5105

Ion	Ratio	Lower	Upper
152	100		
151	20.7	15.3	22.9
153	13.0	10.4	15.6

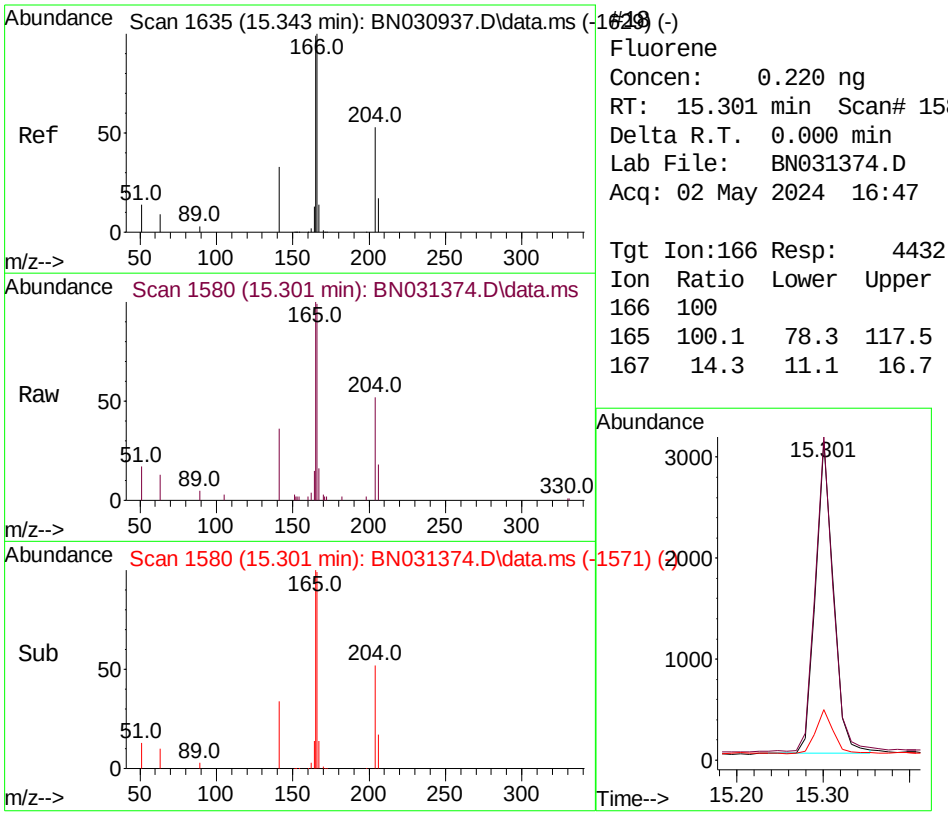


#17
Acenaphthene
Concen: 0.214 ng
RT: 14.306 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN031374.D
Acq: 02 May 2024 16:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 3255

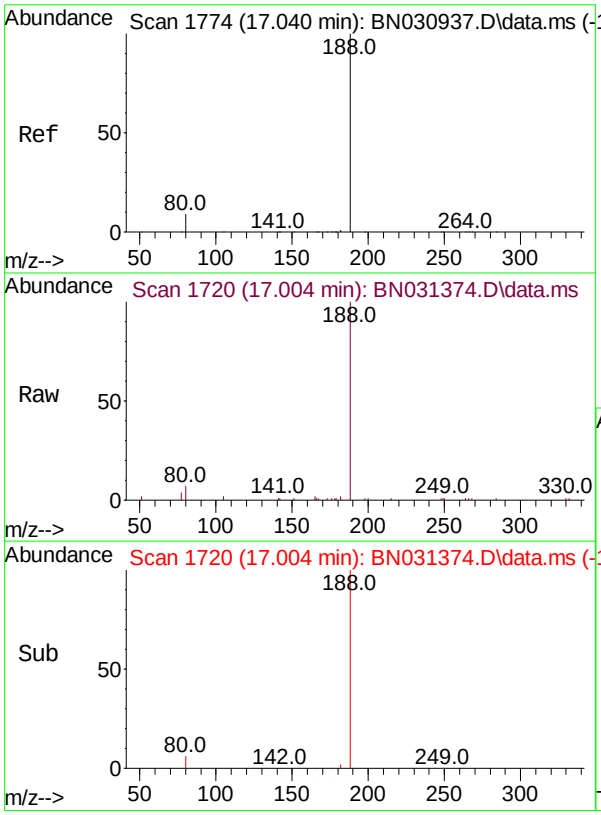
Ion	Ratio	Lower	Upper
154	100		
153	115.0	91.1	136.7
152	57.3	47.6	71.4



#18
Fluorene
Concen: 0.220 ng
RT: 15.301 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BN031374.D
Acq: 02 May 2024 16:47

Tgt Ion:166 Resp: 4432

Ion	Ratio	Lower	Upper
166	100		
165	100.1	78.3	117.5
167	14.3	11.1	16.7

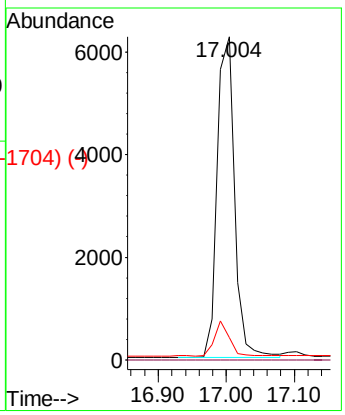


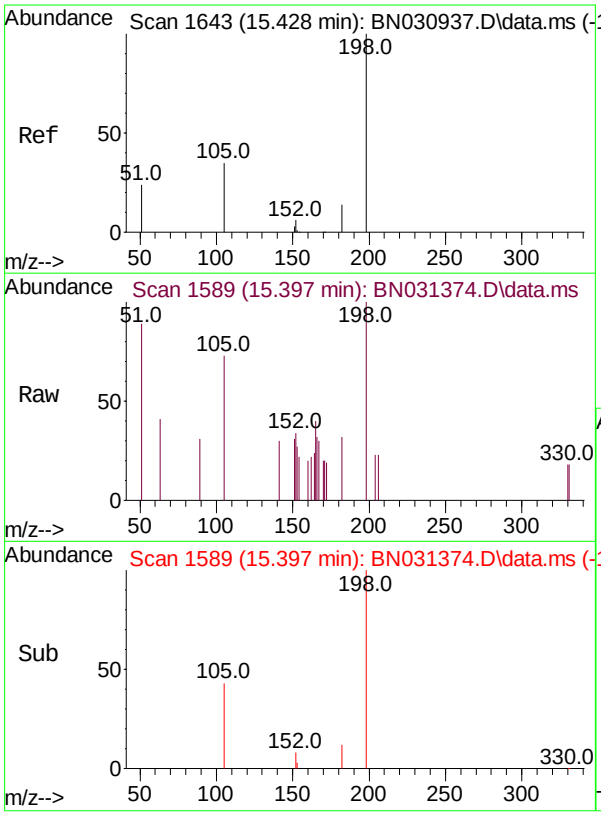
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.004 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN031374.D
Acq: 02 May 2024 16:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 10929

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.0	7.4	11.2#

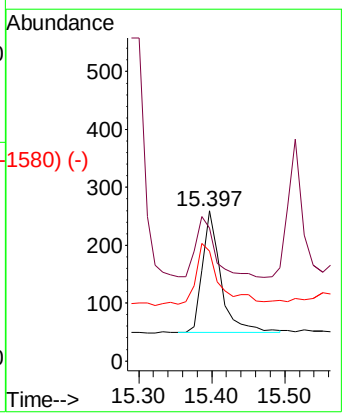


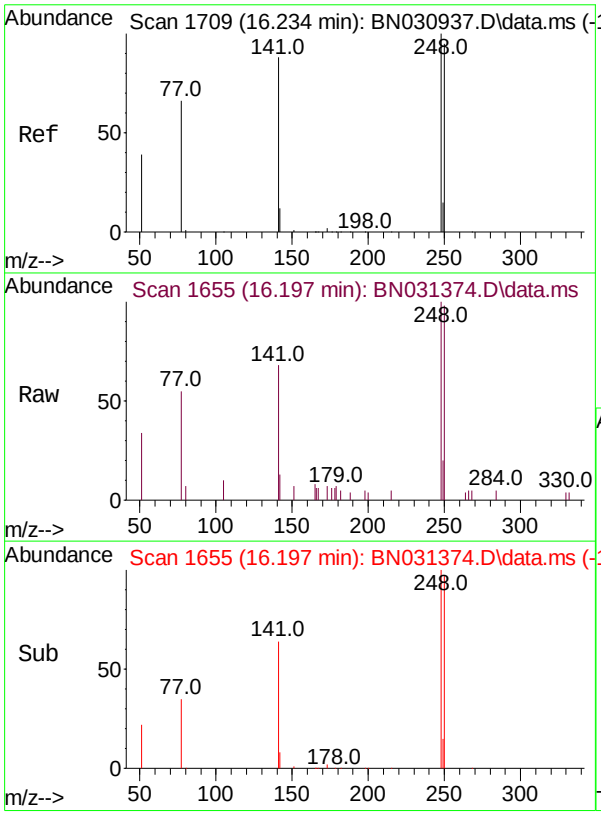


#20
4,6-Dinitro-2-methylphenol
Concen: 0.329 ng
RT: 15.397 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BN031374.D
Acq: 02 May 2024 16:47

Tgt Ion:198 Resp: 374

Ion	Ratio	Lower	Upper
198	100		
51	88.8	65.2	97.8
105	73.4	41.0	61.4#



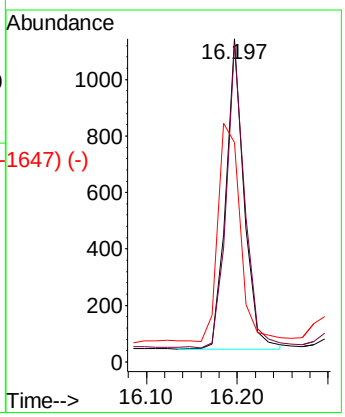


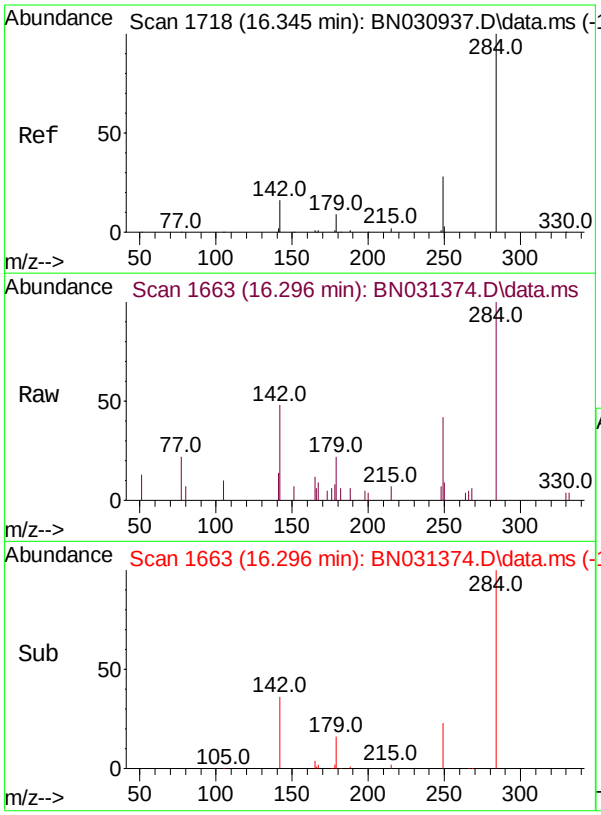
#21
4-Bromophenyl-phenylether
Concen: 0.235 ng
RT: 16.197 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN031374.D
Acq: 02 May 2024 16:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 1528

Ion	Ratio	Lower	Upper
248	100		
250	98.2	76.1	114.1
141	67.9	71.1	106.7#

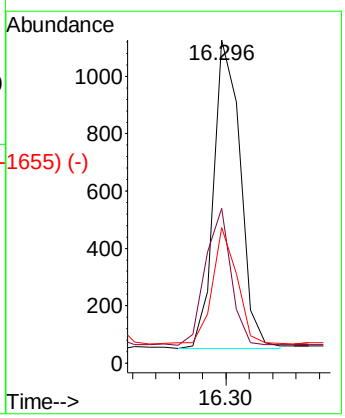


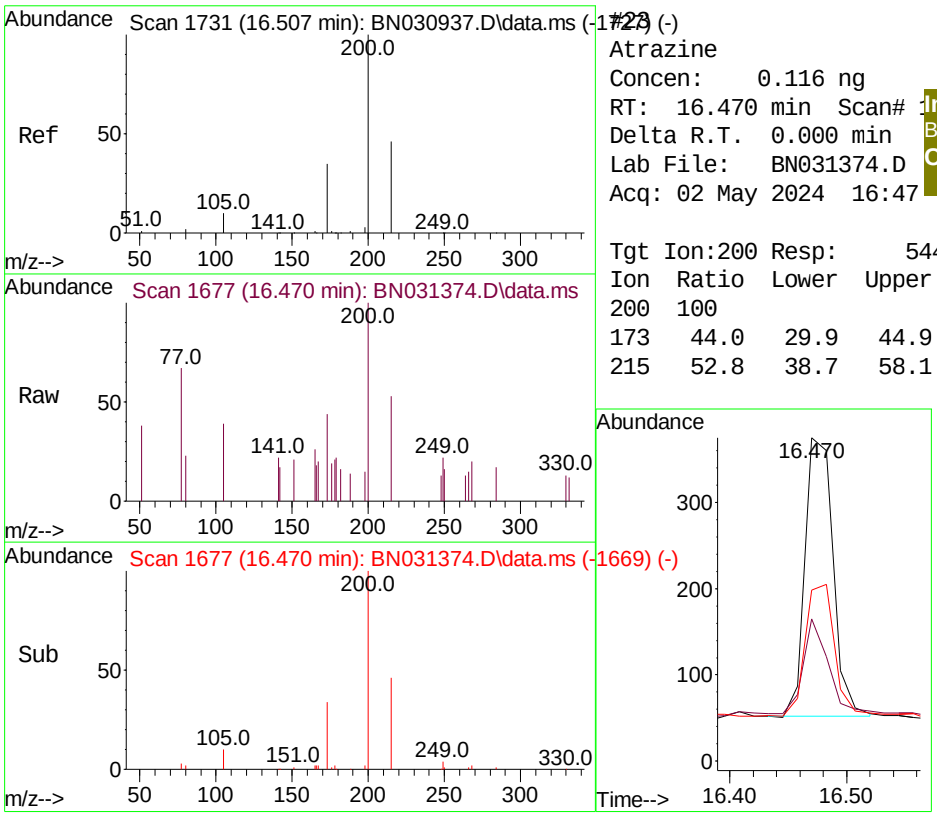


#22
Hexachlorobenzene
Concen: 0.226 ng
RT: 16.296 min Scan# 1663
Delta R.T. 0.000 min
Lab File: BN031374.D
Acq: 02 May 2024 16:47

Tgt Ion:284 Resp: 1712

Ion	Ratio	Lower	Upper
284	100		
142	42.1	33.0	49.4
249	35.3	25.5	38.3



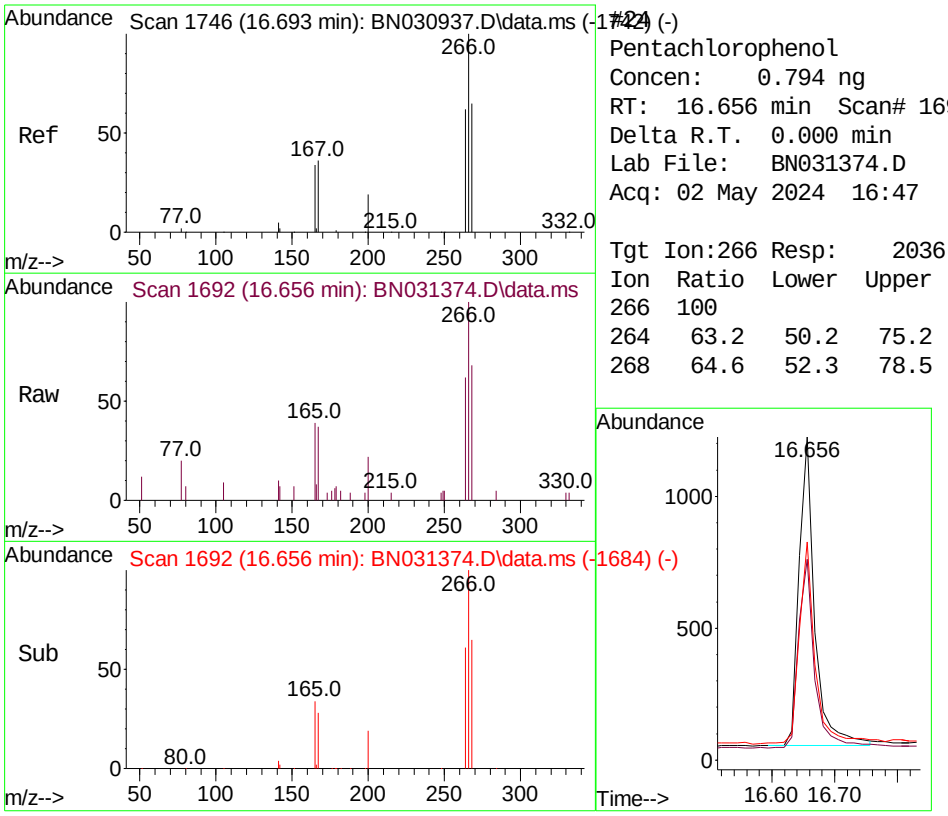


#23
Atrazine
Concen: 0.116 ng
RT: 16.470 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN031374.D
Acq: 02 May 2024 16:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 544

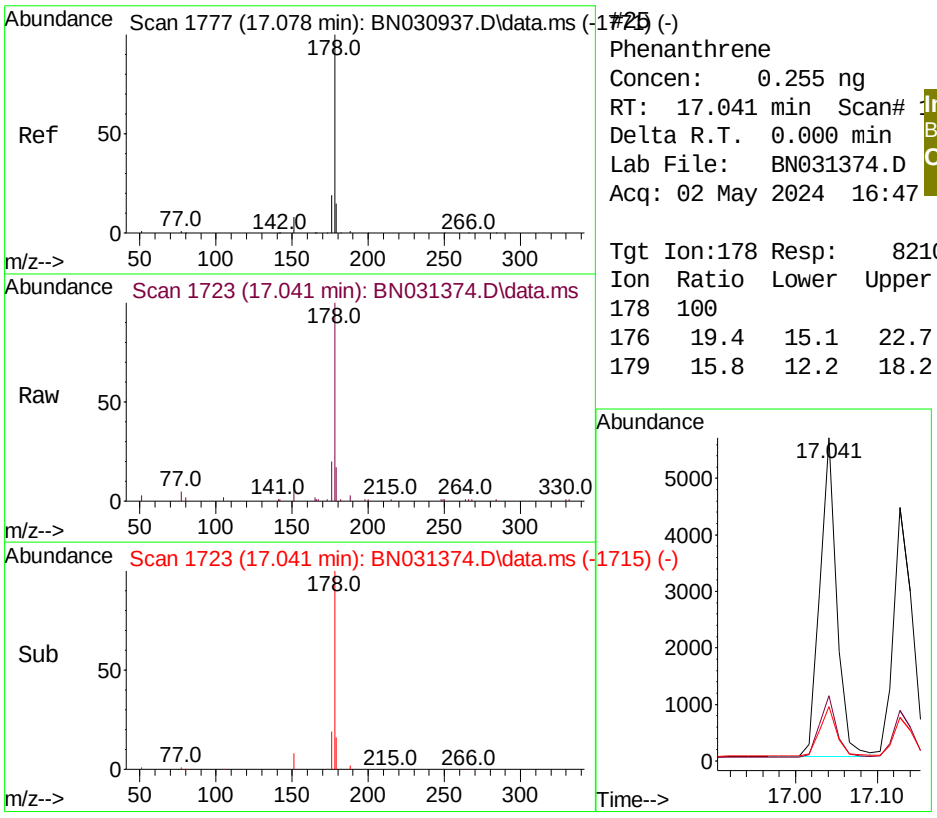
Ion	Ratio	Lower	Upper
200	100		
173	44.0	29.9	44.9
215	52.8	38.7	58.1



#24
Pentachlorophenol
Concen: 0.794 ng
RT: 16.656 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BN031374.D
Acq: 02 May 2024 16:47

Tgt Ion:266 Resp: 2036

Ion	Ratio	Lower	Upper
266	100		
264	63.2	50.2	75.2
268	64.6	52.3	78.5

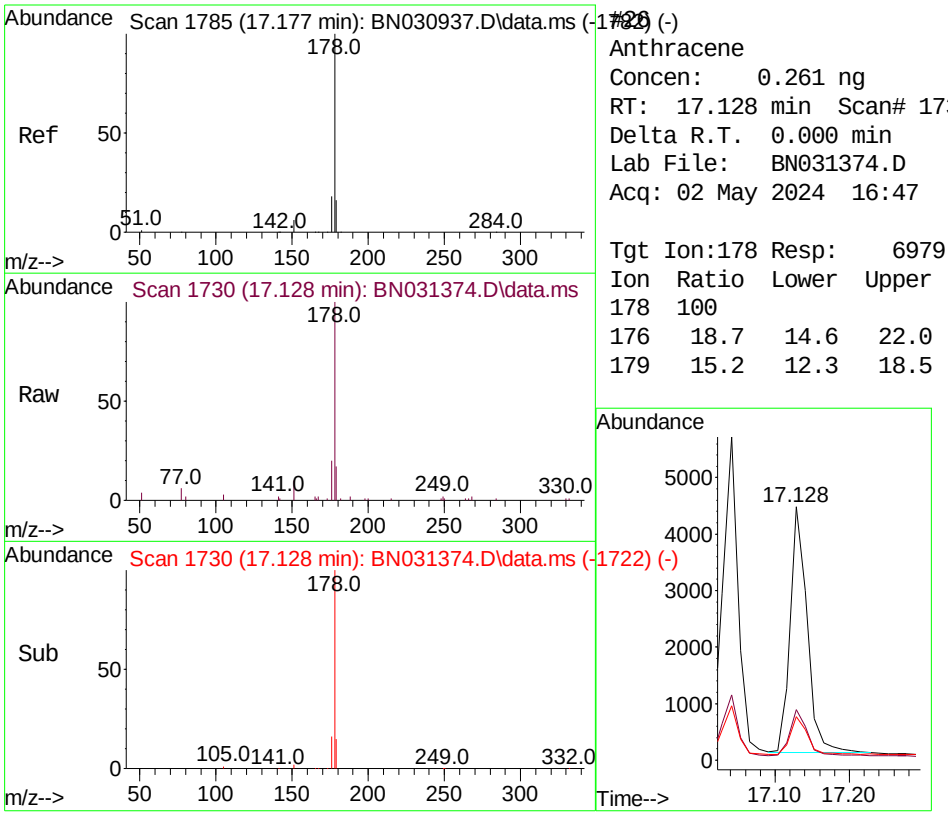


#25
Phenanthrene
Concen: 0.255 ng
RT: 17.041 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN031374.D
Acq: 02 May 2024 16:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 8210

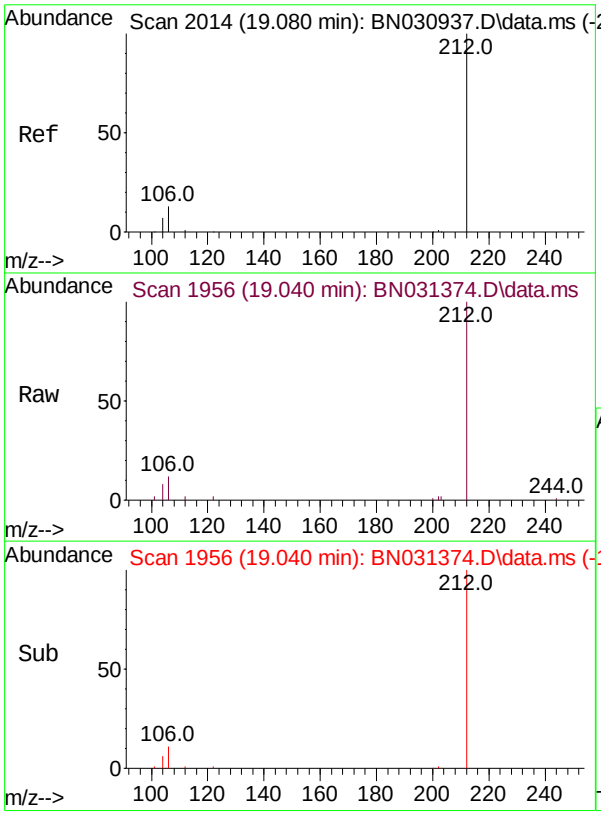
Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.1	22.7
179	15.8	12.2	18.2



#26
Anthracene
Concen: 0.261 ng
RT: 17.128 min Scan# 1730
Delta R.T. 0.000 min
Lab File: BN031374.D
Acq: 02 May 2024 16:47

Tgt Ion:178 Resp: 6979

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.6	22.0
179	15.2	12.3	18.5

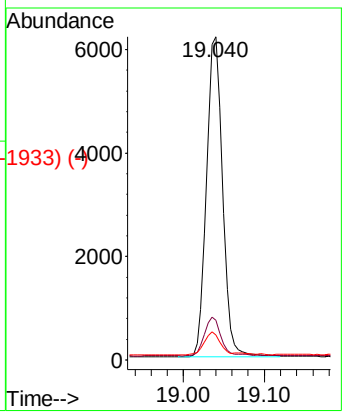


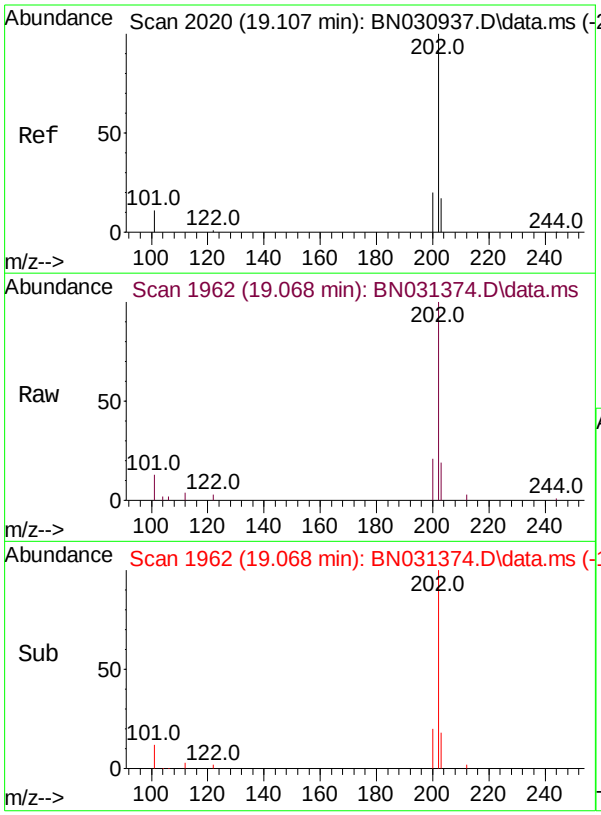
#27
Fluoranthene-d10
Concen: 0.289 ng
RT: 19.040 min Scan# 1
Delta R.T. 0.005 min
Lab File: BN031374.D
Acq: 02 May 2024 16:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 8508

Ion	Ratio	Lower	Upper
212	100		
106	12.5	12.0	18.0
104	7.0	6.7	10.1

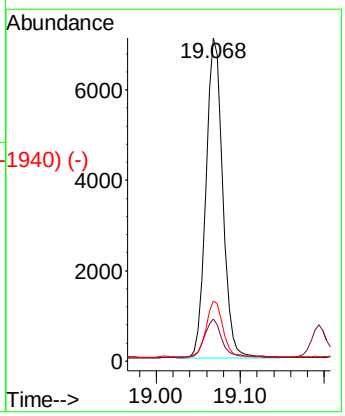


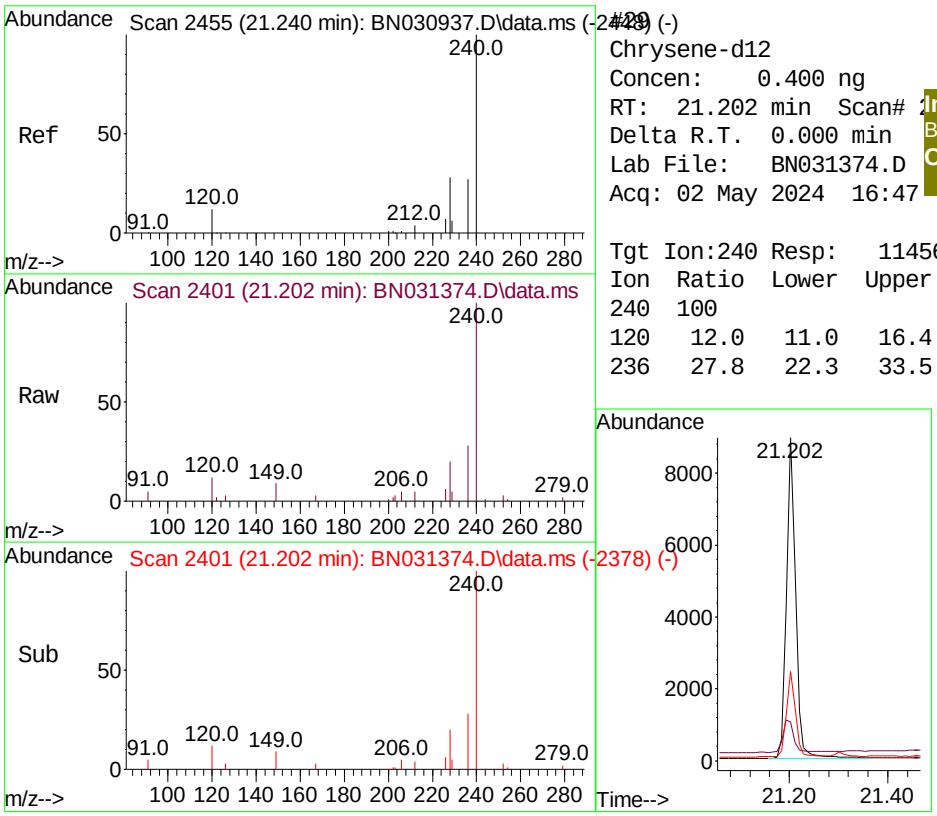


#28
Fluoranthene
Concen: 0.254 ng
RT: 19.068 min Scan# 1962
Delta R.T. 0.000 min
Lab File: BN031374.D
Acq: 02 May 2024 16:47

Tgt Ion:202 Resp: 9845

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.4	14.2
203	17.7	13.8	20.8



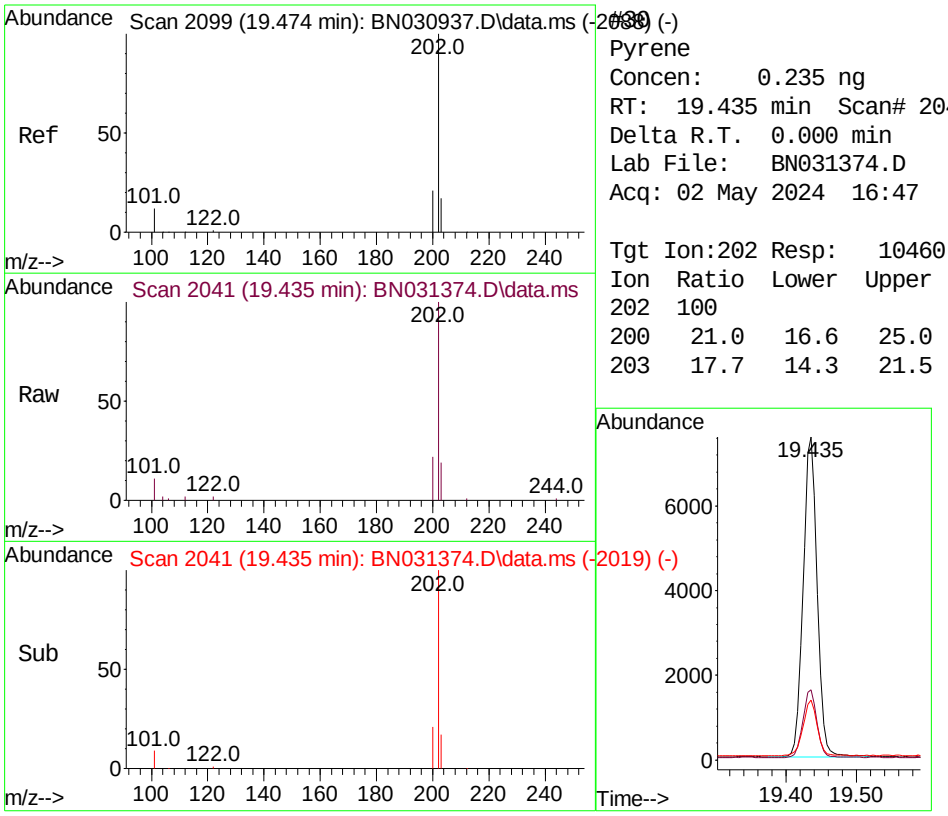


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.202 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN031374.D
Acq: 02 May 2024 16:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 11456

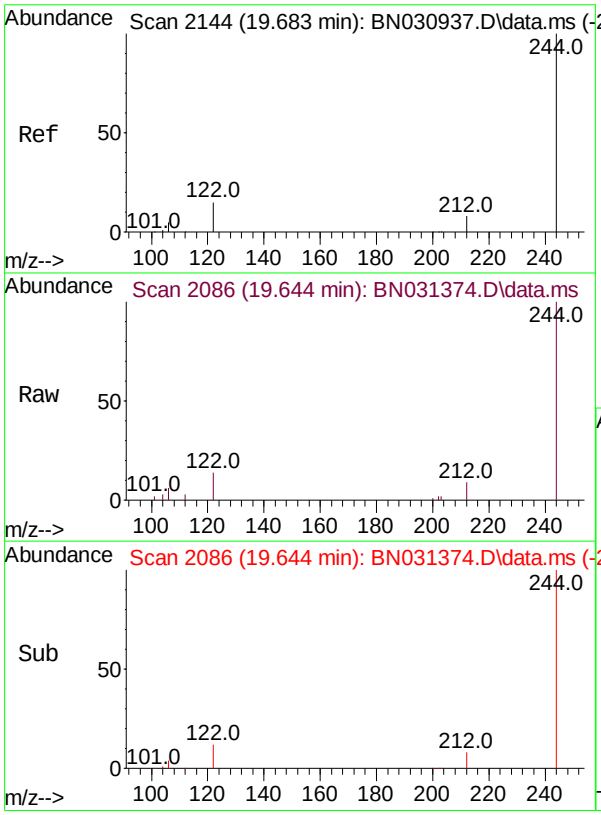
Ion	Ratio	Lower	Upper
240	100		
120	12.0	11.0	16.4
236	27.8	22.3	33.5



#30
Pyrene
Concen: 0.235 ng
RT: 19.435 min Scan# 2041
Delta R.T. 0.000 min
Lab File: BN031374.D
Acq: 02 May 2024 16:47

Tgt Ion:202 Resp: 10460

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	25.0
203	17.7	14.3	21.5

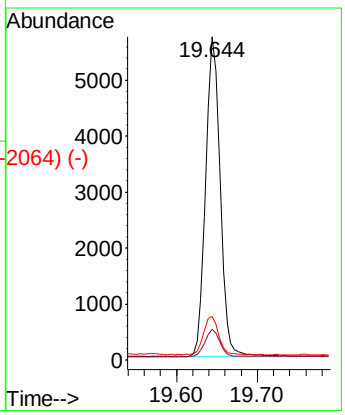


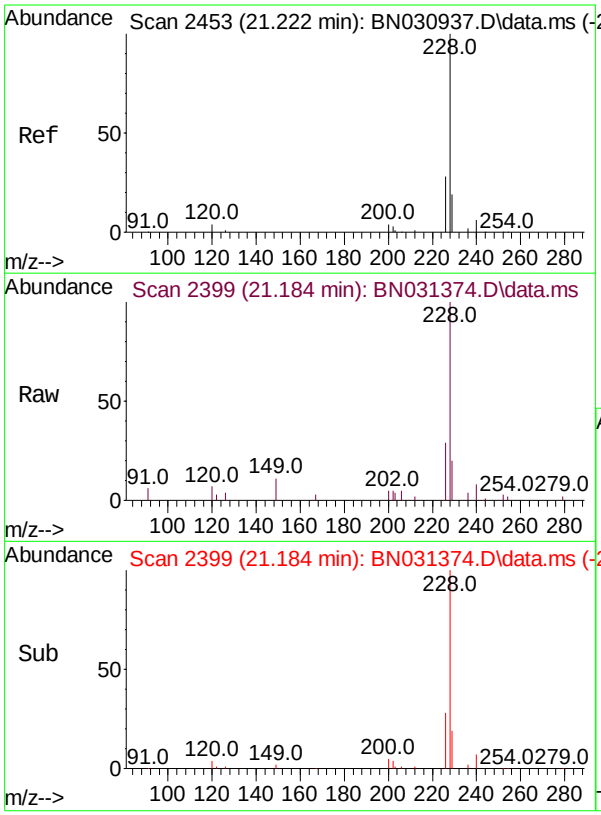
#31 (-)
Terphenyl-d14
Concen: 0.268 ng
RT: 19.644 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN031374.D
Acq: 02 May 2024 16:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 7117

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.2	10.8
122	13.5	12.7	19.1

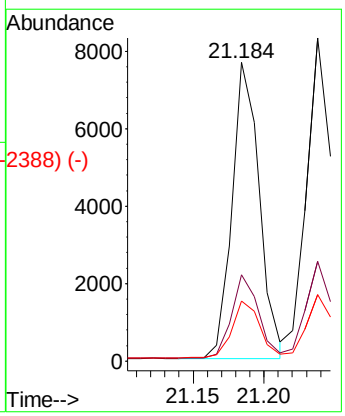


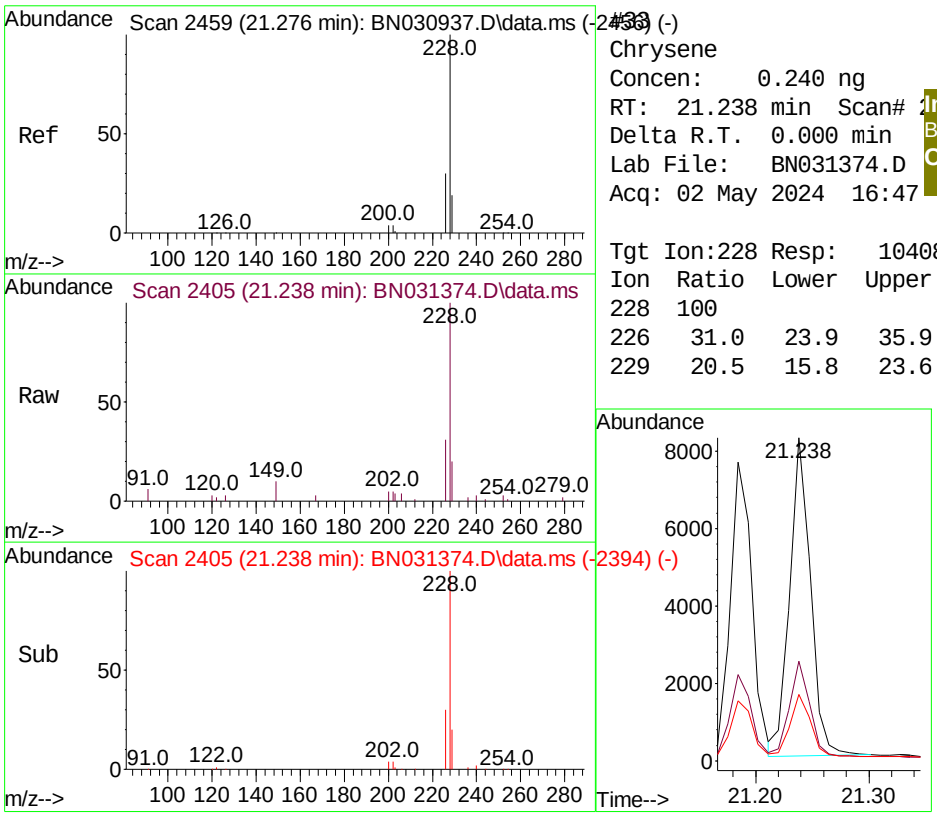


#32 (-)
Benzo(a)anthracene
Concen: 0.258 ng
RT: 21.184 min Scan# 2399
Delta R.T. 0.000 min
Lab File: BN031374.D
Acq: 02 May 2024 16:47

Tgt Ion:228 Resp: 10278

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.4	33.6
229	20.2	15.7	23.5



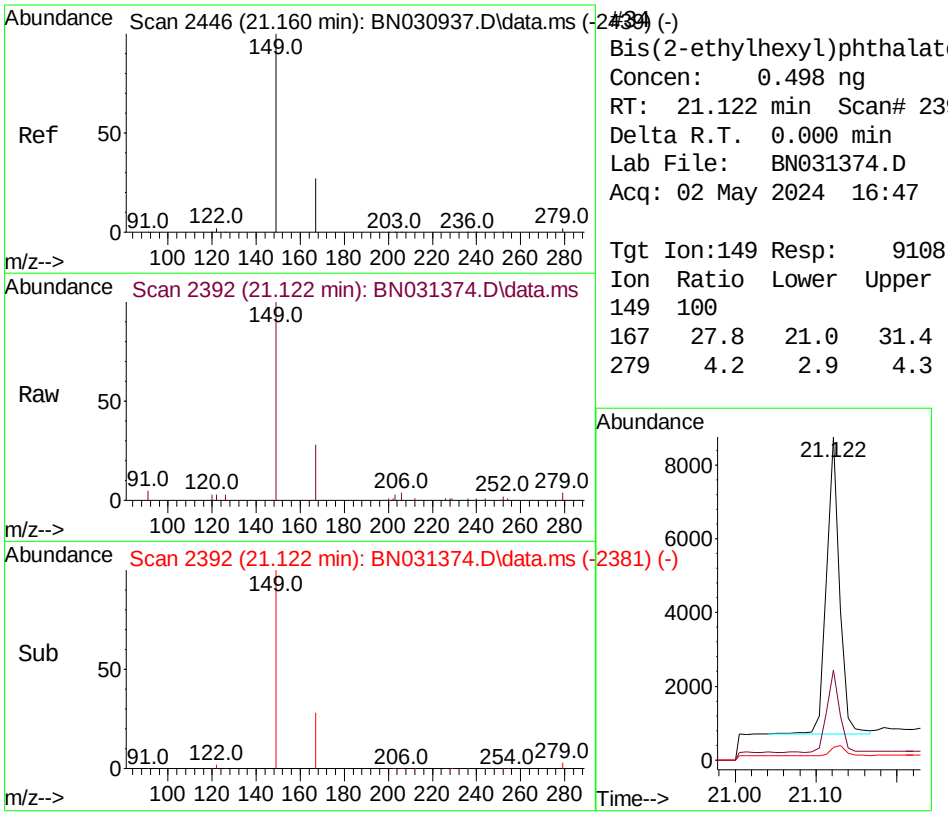


#33
Chrysene
Concen: 0.240 ng
RT: 21.238 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN031374.D
Acq: 02 May 2024 16:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 10408

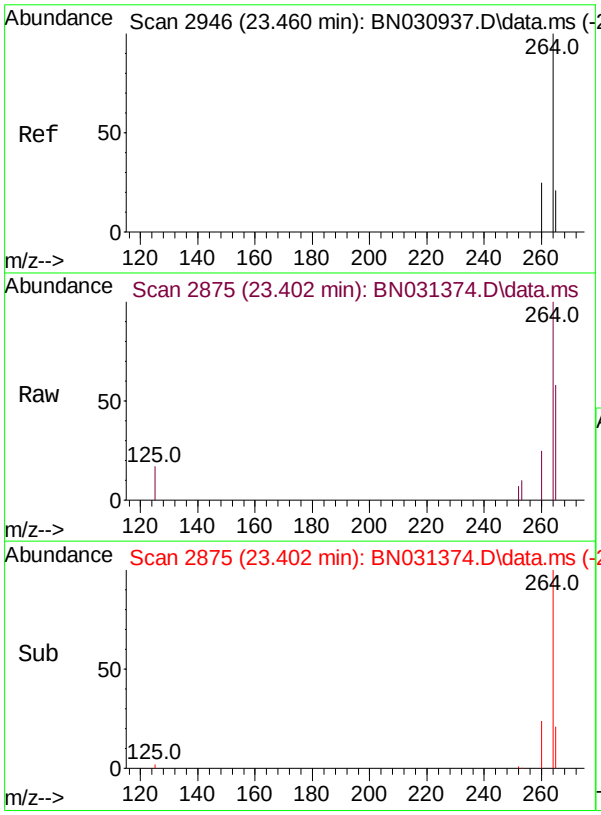
Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.9	35.9
229	20.5	15.8	23.6



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.498 ng
RT: 21.122 min Scan# 2392
Delta R.T. 0.000 min
Lab File: BN031374.D
Acq: 02 May 2024 16:47

Tgt Ion:149 Resp: 9108

Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.0	31.4
279	4.2	2.9	4.3

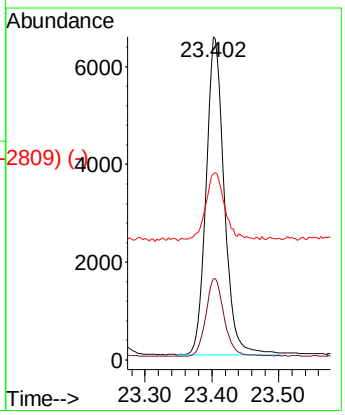


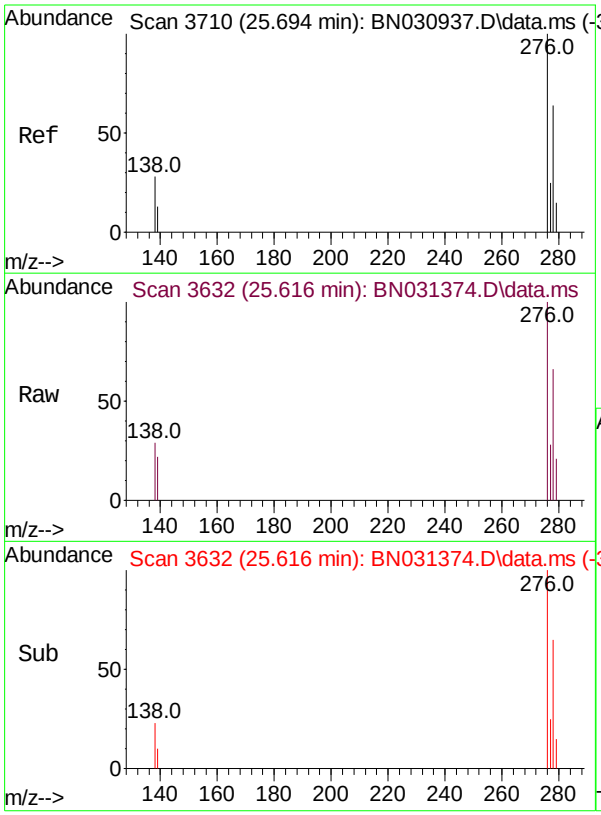
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.402 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN031374.D
Acq: 02 May 2024 16:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 12329

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.6	31.0
265	57.7	53.3	79.9

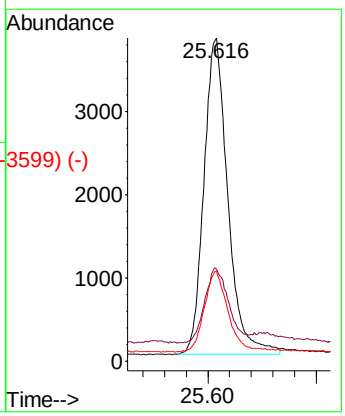


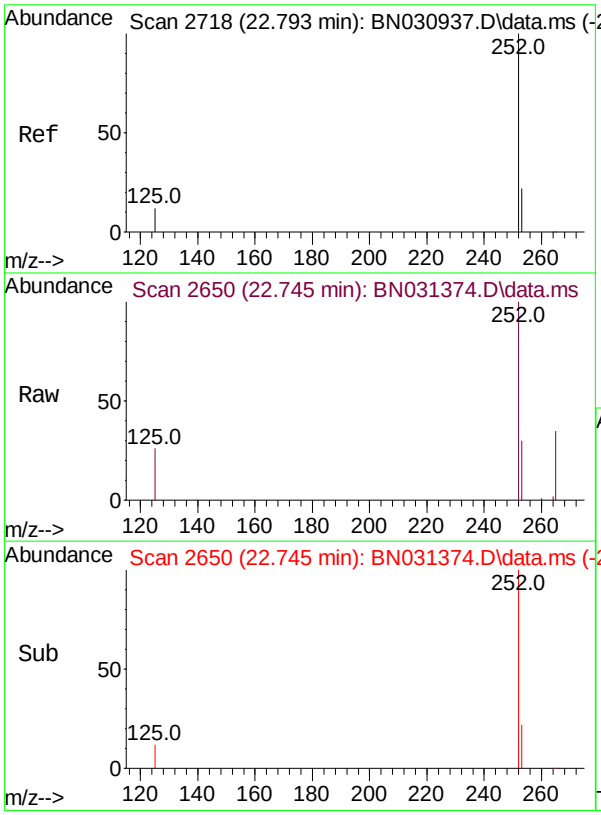


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.203 ng
RT: 25.616 min Scan# 3632
Delta R.T. -0.003 min
Lab File: BN031374.D
Acq: 02 May 2024 16:47

Tgt Ion:276 Resp: 11619

Ion	Ratio	Lower	Upper
276	100		
138	23.7	23.1	34.7
277	25.0	19.9	29.9



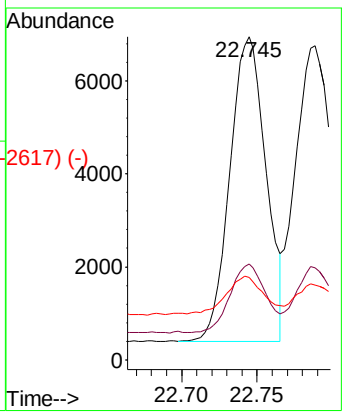


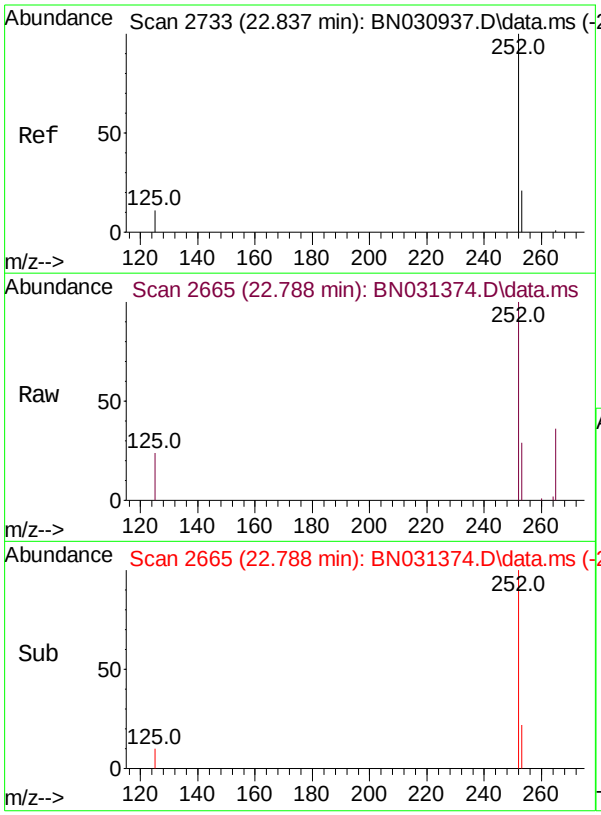
#37
Benzo(b)fluoranthene
Concen: 0.214 ng
RT: 22.745 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN031374.D
Acq: 02 May 2024 16:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 10896

Ion	Ratio	Lower	Upper
252	100		
253	29.7	20.2	30.2
125	25.6	13.4	20.2#

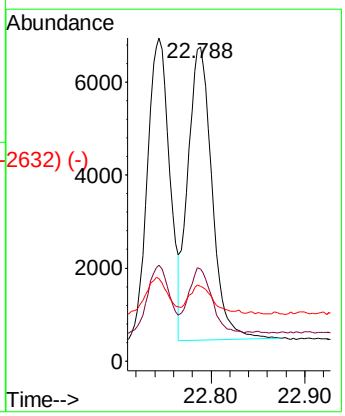


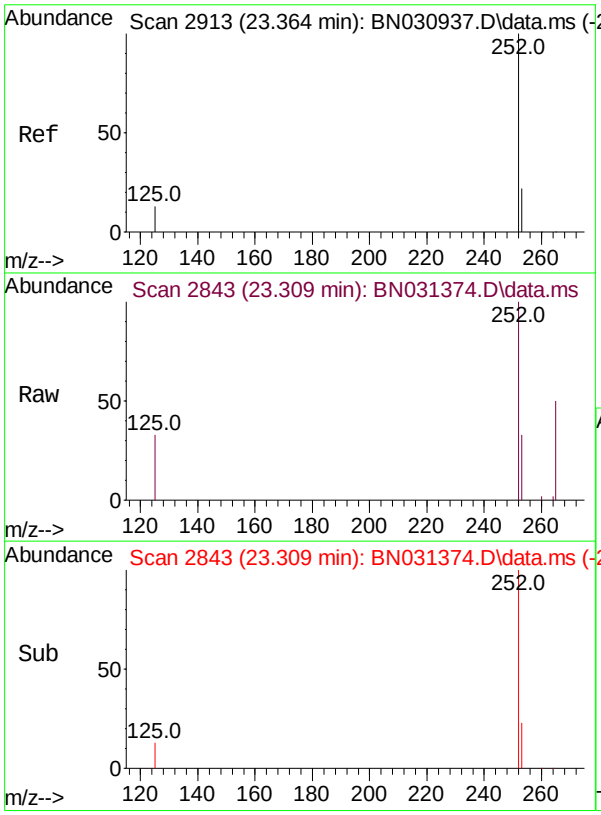


#38
Benzo(k)fluoranthene
Concen: 0.226 ng
RT: 22.788 min Scan# 2665
Delta R.T. -0.003 min
Lab File: BN031374.D
Acq: 02 May 2024 16:47

Tgt Ion:252 Resp: 11267

Ion	Ratio	Lower	Upper
252	100		
253	29.2	19.9	29.9
125	23.8	13.2	19.8#



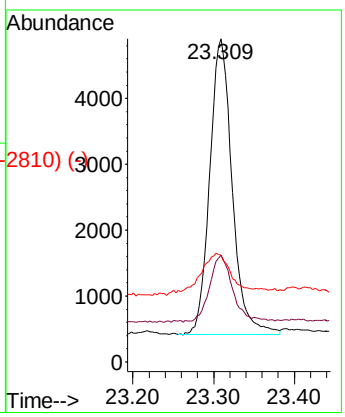


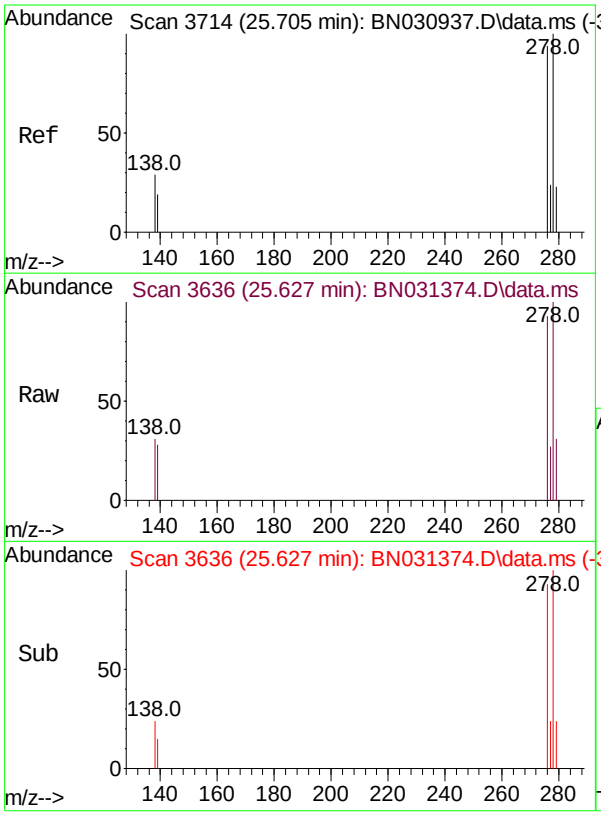
#39
Benzo(a)pyrene
Concen: 0.205 ng
RT: 23.309 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN031374.D
Acq: 02 May 2024 16:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 8699

Ion	Ratio	Lower	Upper
252	100		
253	33.0	21.4	32.2#
125	33.0	16.6	25.0#

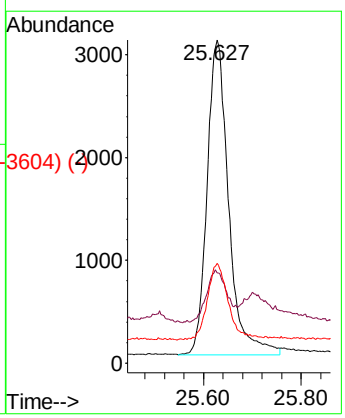


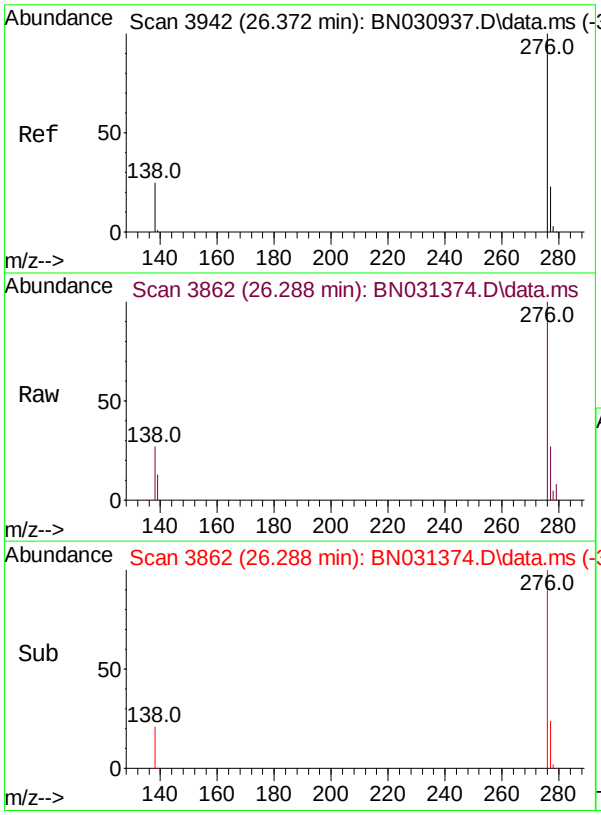


#40
Dibenzo(a,h)anthracene
Concen: 0.204 ng
RT: 25.627 min Scan# 3636
Delta R.T. -0.006 min
Lab File: BN031374.D
Acq: 02 May 2024 16:47

Tgt Ion:278 Resp: 9356

Ion	Ratio	Lower	Upper
278	100		
139	27.9	16.3	24.5#
279	30.9	20.6	31.0





#43
Benzo(g,h,i)perylene
Concen: 0.185 ng
RT: 26.288 min Scan# 1
Delta R.T. -0.006 min
Lab File: BN031374.D
Acq: 02 May 2024 16:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 9331

Ion	Ratio	Lower	Upper
276	100		
277	26.5	19.4	29.2
138	27.5	21.0	31.4