Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110921\
Data File : BN017364.D
Acq On : 10 Nov 2021 01:12
Operator : CG/JU
Sample : PB140411BSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB140411BSD

Quant Time: Nov 10 11:22:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN110921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 10 11:00:44 2021
Response via : Initial Calibration

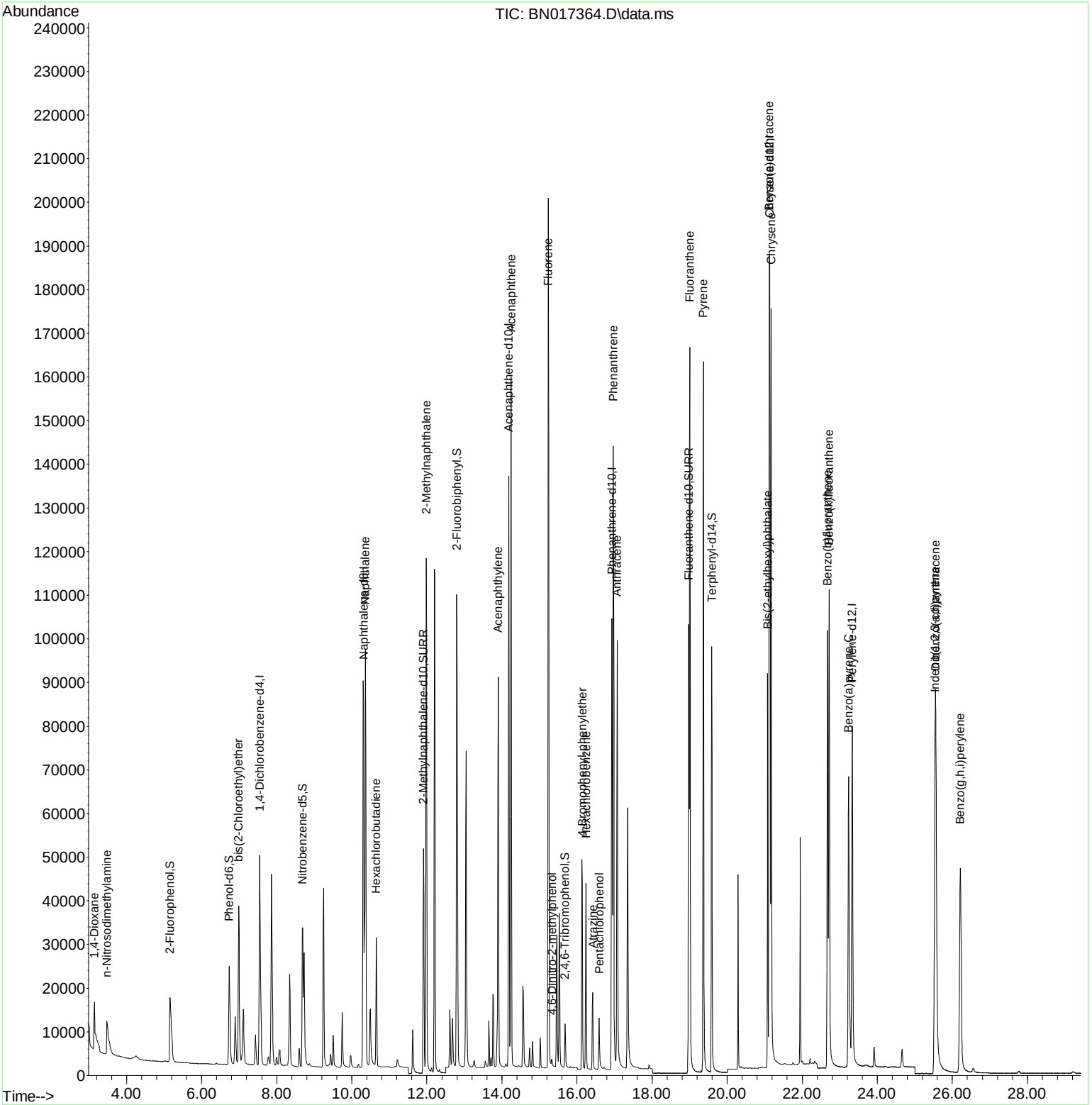
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.551	152	31017	0.400	ng		0.00
7) Naphthalene-d8	10.319	136	132602	0.400	ng		0.01
13) Acenaphthene-d10	14.181	164	72885	0.400	ng		0.00
19) Phenanthrene-d10	16.934	188	133050	0.400	ng		0.00
29) Chrysene-d12	21.133	240	125378	0.400	ng	#	0.00
35) Perylene-d12	23.332	264	105709	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.163	112	24770	0.346	ng		0.00
5) Phenol-d6	6.731	99	27270	0.346	ng		0.00
8) Nitrobenzene-d5	8.684	82	31633	0.398	ng		0.00
11) 2-Methylnaphthalene-d10	11.911	152	72897	0.373	ng		0.00
14) 2,4,6-Tribromophenol	15.678	330	7817	0.287	ng		0.00
15) 2-Fluorobiphenyl	12.798	172	105467	0.380	ng		0.00
27) Fluoranthene-d10	18.975	212	120509	0.355	ng		0.00
31) Terphenyl-d14	19.590	244	105161	0.376	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.144	88	8164	0.470	ng		91
3) n-Nitrosodimethylamine	3.476	42	10446	0.392	ng		99
6) bis(2-Chloroethyl)ether	6.989	93	31130	0.375	ng		100
9) Naphthalene	10.357	128	129110	0.370	ng		100
10) Hexachlorobutadiene	10.649	225	23864	0.348	ng	#	99
12) 2-Methylnaphthalene	11.986	142	87203	0.379	ng		100
16) Acenaphthylene	13.902	152	106096	0.357	ng		100
17) Acenaphthene	14.245	154	74975	0.366	ng		99
18) Fluorene	15.234	166	89118	0.365	ng		100
20) 4,6-Dinitro-2-methylph...	15.336	198	1539	0.278	ng	#	91
21) 4-Bromophenyl-phenylether	16.142	248	27449	0.368	ng	#	62
22) Hexachlorobenzene	16.240	284	31412	0.376	ng		100
23) Atrazine	16.422	200	16386	0.325	ng		100
24) Pentachlorophenol	16.593	266	6639	0.380	ng		99
25) Phenanthrene	16.970	178	142590	0.374	ng		100
26) Anthracene	17.067	178	111257	0.350	ng		100
28) Fluoranthene	19.005	202	152344	0.370	ng		100
30) Pyrene	19.367	202	150515	0.372	ng		100
32) Benzo(a)anthracene	21.122	228	130833	0.344	ng		100
33) Chrysene	21.175	228	151416	0.374	ng		100
34) Bis(2-ethylhexyl)phtha...	21.080	149	73719	0.549	ng		99
36) Indeno(1,2,3-cd)pyrene	25.539	276	121469	0.328	ng		99
37) Benzo(b)fluoranthene	22.674	252	121670	0.352	ng		99
38) Benzo(k)fluoranthene	22.719	252	129365	0.374	ng		98
39) Benzo(a)pyrene	23.236	252	108193	0.354	ng		99
40) Dibenzo(a,h)anthracene	25.560	278	95973	0.322	ng		100
41) Benzo(g,h,i)perylene	26.210	276	102383	0.319	ng		100

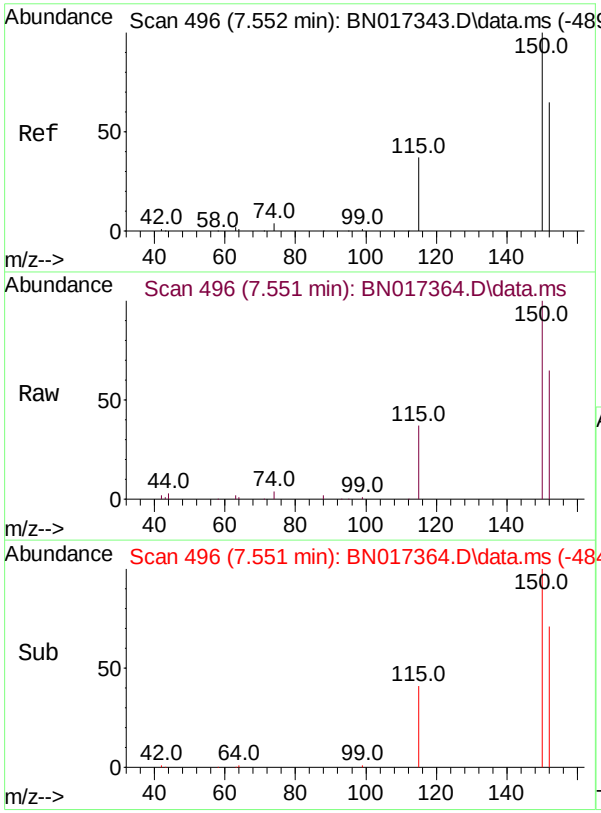
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110921\
Data File : BN017364.D
Acq On : 10 Nov 2021 01:12
Operator : CG/JU
Sample : PB140411BSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB140411BSD

Quant Time: Nov 10 11:22:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN110921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 10 11:00:44 2021
Response via : Initial Calibration



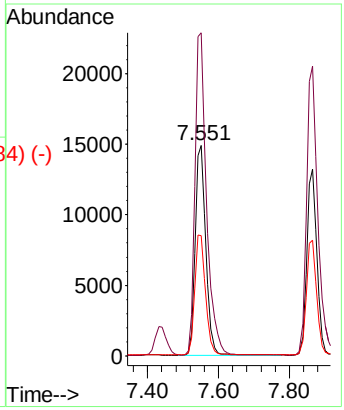


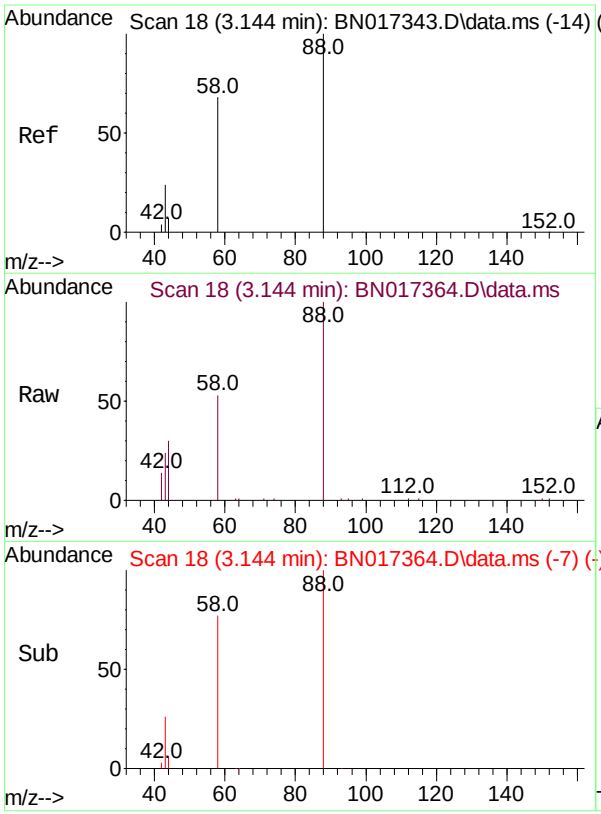
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.551 min Scan# 4
Delta R.T. 0.009 min
Lab File: BN017364.D
Acq: 10 Nov 2021 01:12

Instrument :
BNA_N
ClientSampleId :
PB140411BSD

Tgt Ion:152 Resp: 31017

Ion	Ratio	Lower	Upper
152	100		
150	153.4	123.0	184.4
115	57.2	45.6	68.4

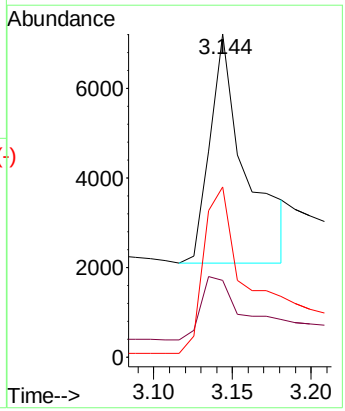


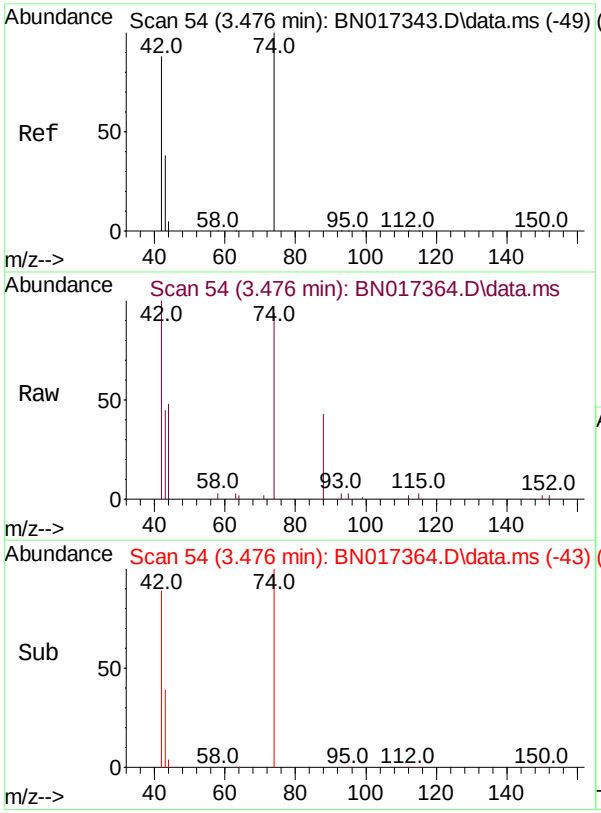


#2
1,4-Dioxane
Concen: 0.470 ng
RT: 3.144 min Scan# 18
Delta R.T. -0.000 min
Lab File: BN017364.D
Acq: 10 Nov 2021 01:12

Tgt Ion: 88 Resp: 8164

Ion	Ratio	Lower	Upper
88	100		
43	34.4	24.7	37.1
58	87.9	63.0	94.6



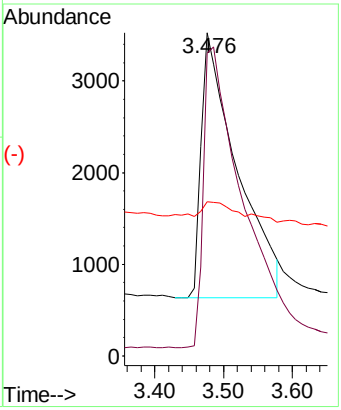


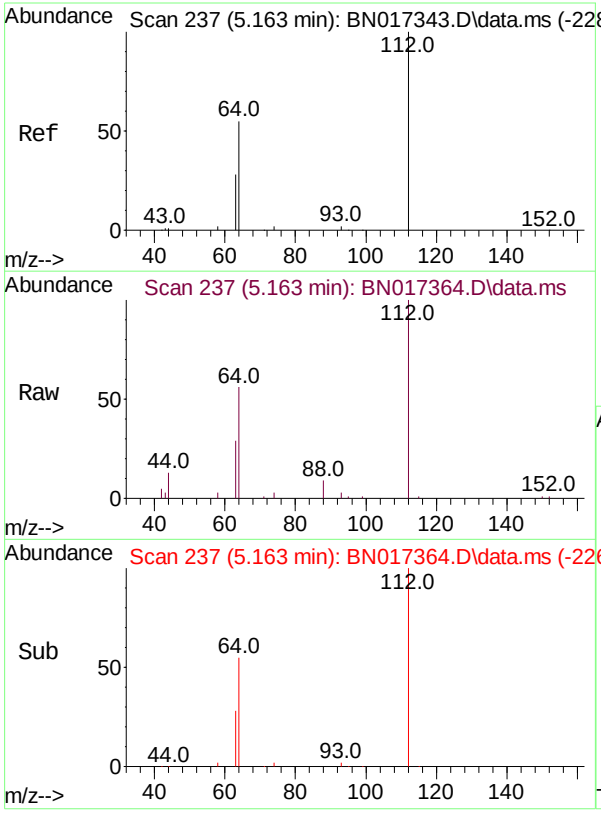
#3
n-Nitrosodimethylamine
Concen: 0.392 ng
RT: 3.476 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN017364.D
Acq: 10 Nov 2021 01:12

Instrument :
BNA_N
ClientSampleId :
PB140411BSD

Tgt Ion: 42 Resp: 10446

Ion	Ratio	Lower	Upper
42	100		
74	121.1	97.8	146.6
44	7.9	5.5	8.3

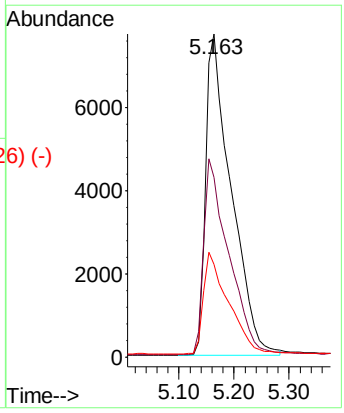


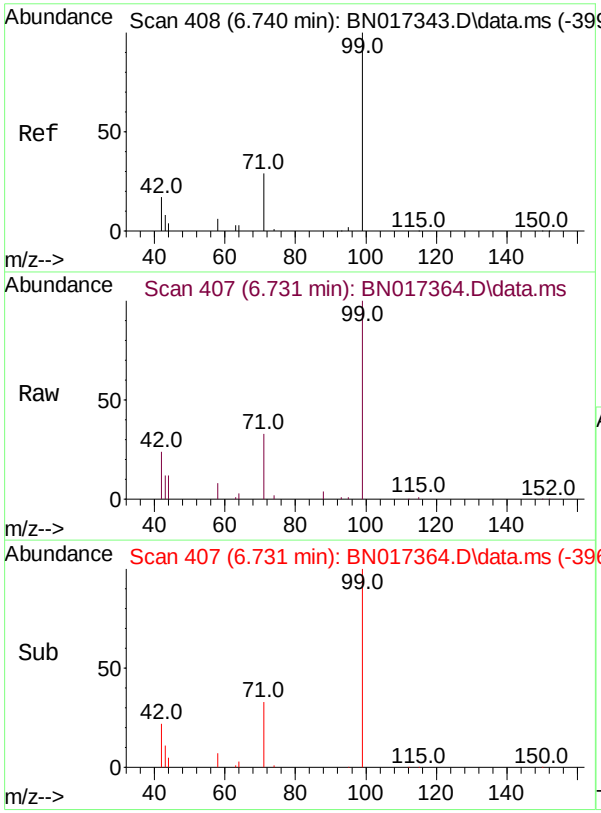


#4
2-Fluorophenol
Concen: 0.346 ng
RT: 5.163 min Scan# 237
Delta R.T. -0.000 min
Lab File: BN017364.D
Acq: 10 Nov 2021 01:12

Tgt Ion:112 Resp: 24770

Ion	Ratio	Lower	Upper
112	100		
64	59.9	47.6	71.4
63	31.0	24.6	37.0



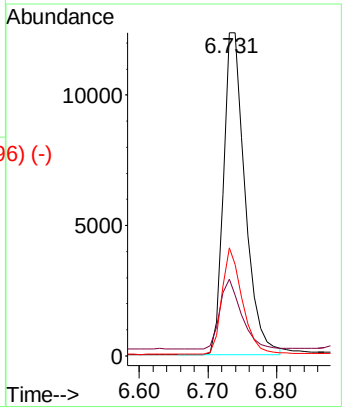


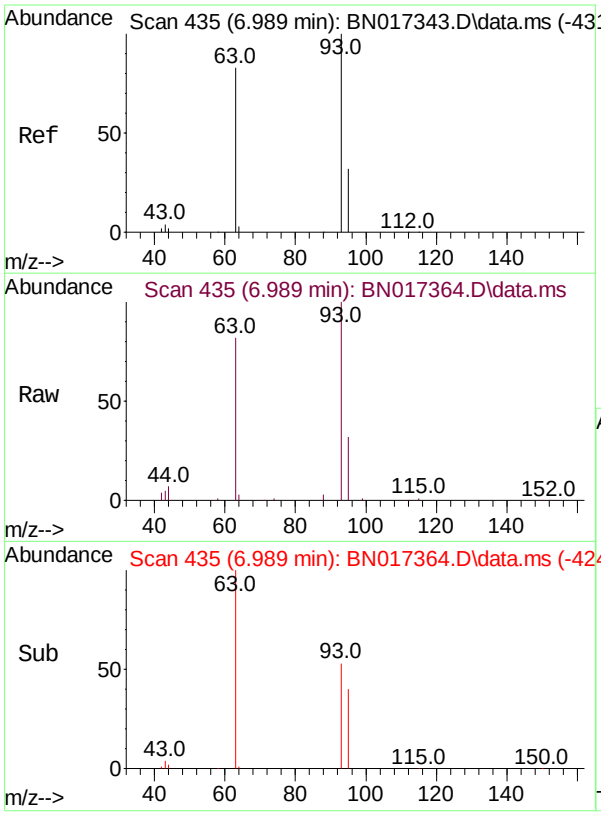
#5
Phenol-d6
Concen: 0.346 ng
RT: 6.731 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN017364.D
Acq: 10 Nov 2021 01:12

Instrument :
BNA_N
ClientSampleId :
PB140411BSD

Tgt Ion: 99 Resp: 27270

Ion	Ratio	Lower	Upper
99	100		
42	21.7	17.0	25.6
71	31.3	24.8	37.2

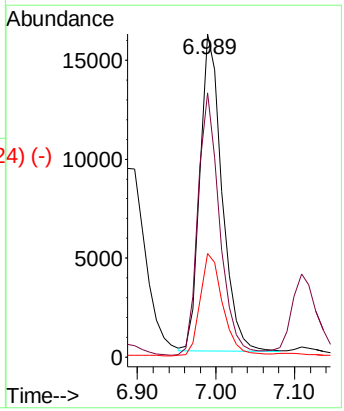


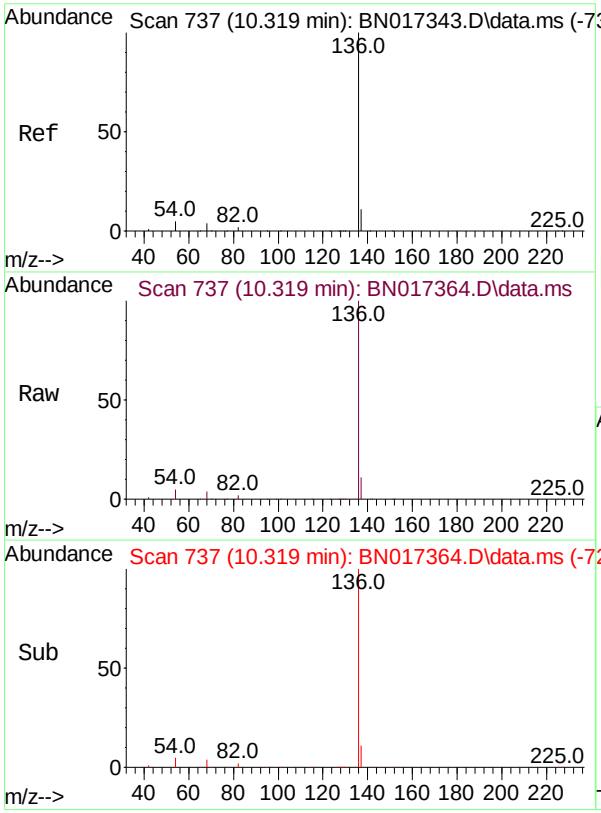


#6
bis(2-Chloroethyl)ether
Concen: 0.375 ng
RT: 6.989 min Scan# 435
Delta R.T. -0.000 min
Lab File: BN017364.D
Acq: 10 Nov 2021 01:12

Tgt Ion: 93 Resp: 31130

Ion	Ratio	Lower	Upper
93	100		
63	81.8	65.8	98.6
95	32.9	26.6	39.8



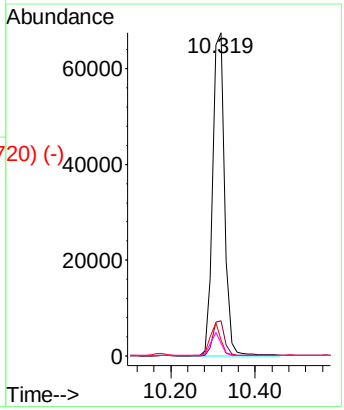


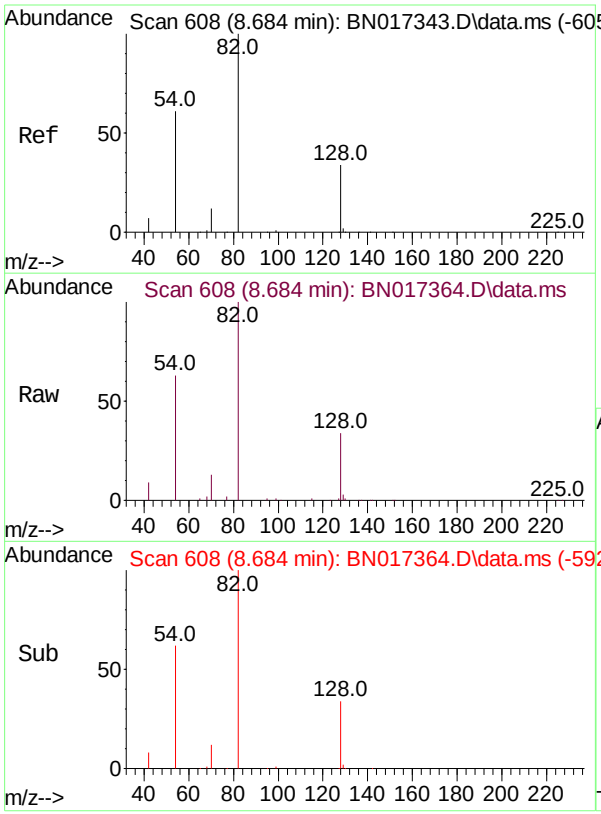
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.319 min Scan# 7
Delta R.T. 0.012 min
Lab File: BN017364.D
Acq: 10 Nov 2021 01:12

Instrument :
BNA_N
ClientSampleId :
PB140411BSD

Tgt Ion:136 Resp: 132602

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	4.9	4.0	6.0
68	3.9	3.0	4.6

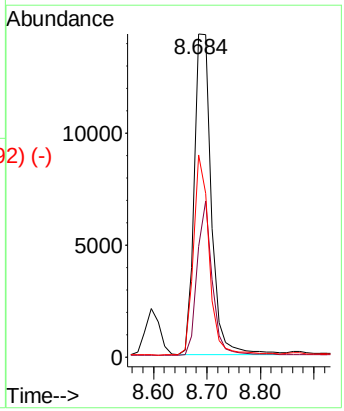


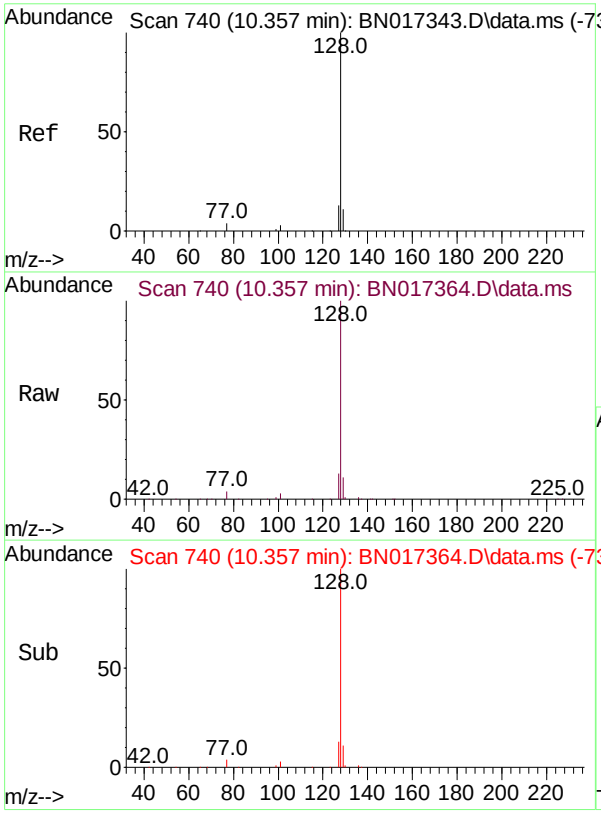


#8
Nitrobenzene-d5
Concen: 0.398 ng
RT: 8.684 min Scan# 608
Delta R.T. -0.000 min
Lab File: BN017364.D
Acq: 10 Nov 2021 01:12

Tgt Ion: 82 Resp: 31633

Ion	Ratio	Lower	Upper
82	100		
128	34.2	27.7	41.5
54	62.6	49.2	73.8



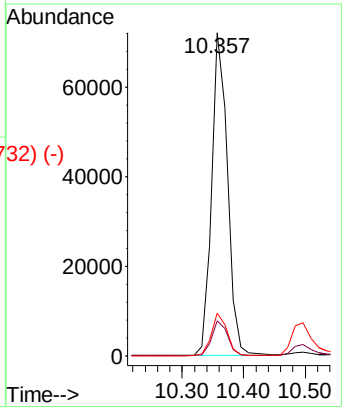


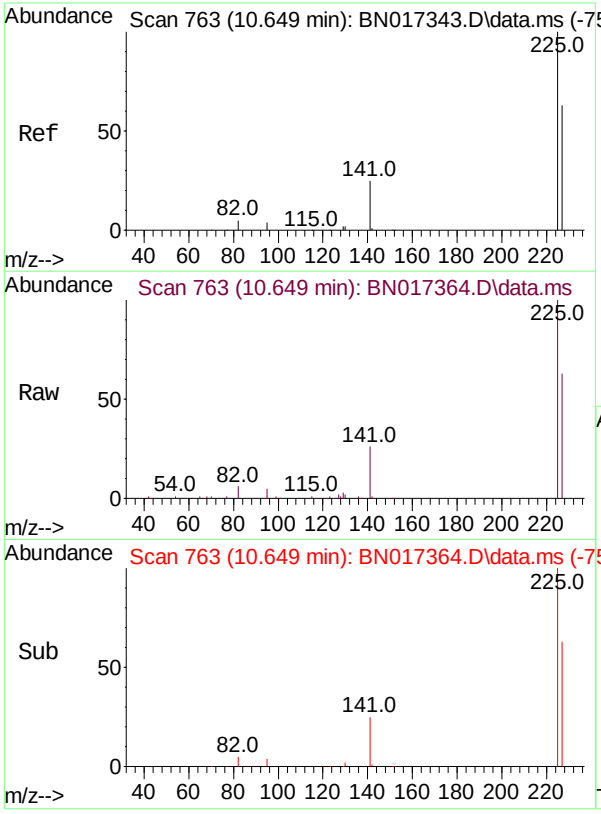
#9
Naphthalene
Concen: 0.370 ng
RT: 10.357 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN017364.D
Acq: 10 Nov 2021 01:12

Instrument :
BNA_N
ClientSampleId :
PB140411BSD

Tgt Ion:128 Resp: 129110

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.3	10.6	15.8

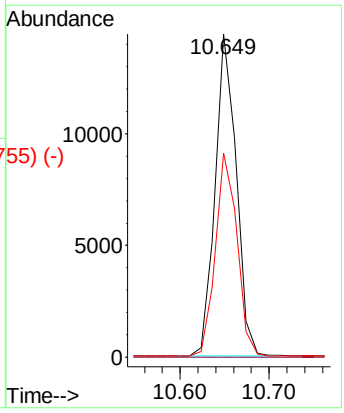


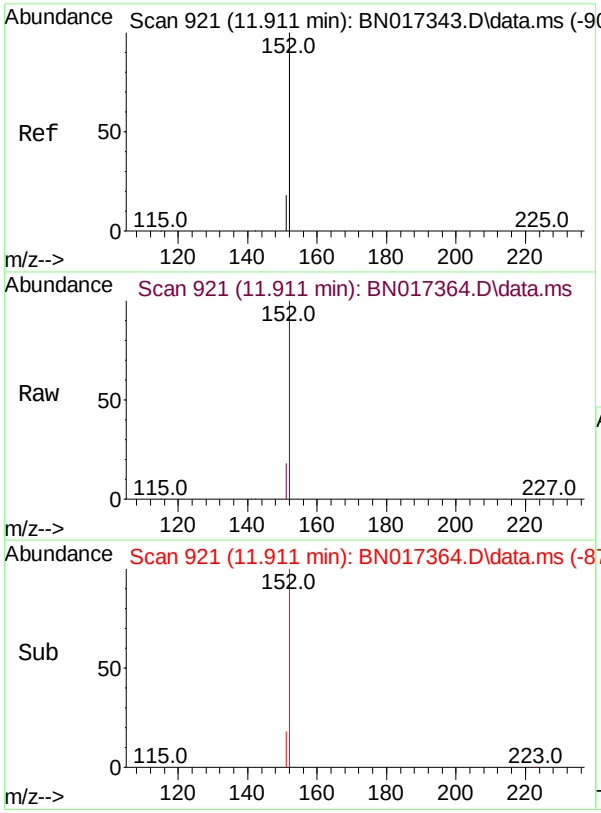


#10
Hexachlorobutadiene
Concen: 0.348 ng
RT: 10.649 min Scan# 763
Delta R.T. -0.000 min
Lab File: BN017364.D
Acq: 10 Nov 2021 01:12

Tgt Ion:225 Resp: 23864

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.4	51.1	76.7



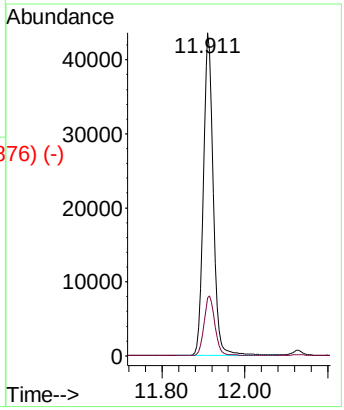


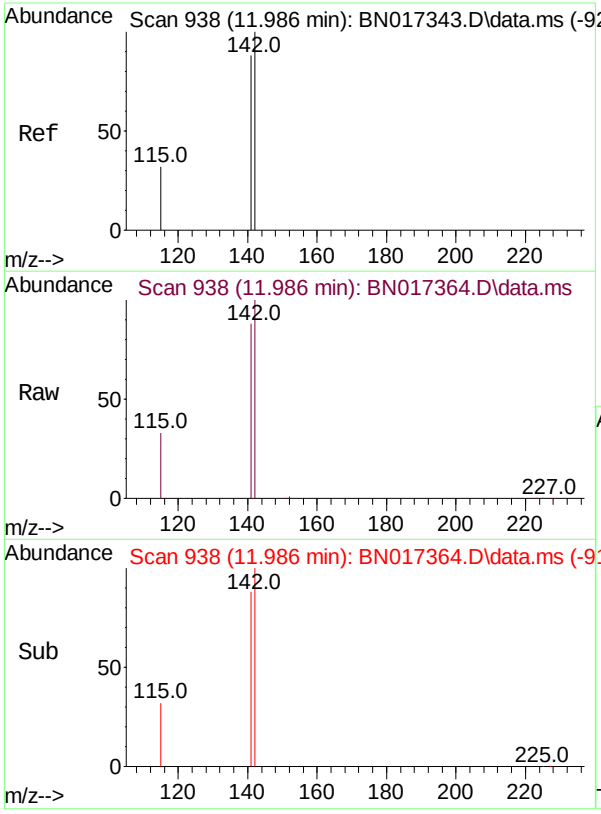
#11
2-Methylnaphthalene-d10
Concen: 0.373 ng
RT: 11.911 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN017364.D
Acq: 10 Nov 2021 01:12

Instrument :
BNA_N
ClientSampleId :
PB140411BSD

Tgt Ion:152 Resp: 72897

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4

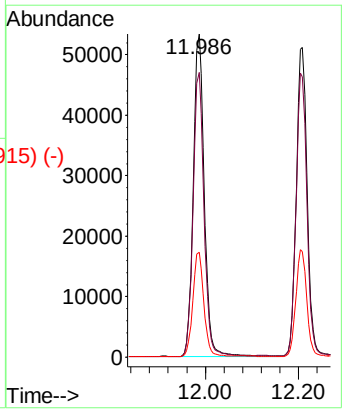


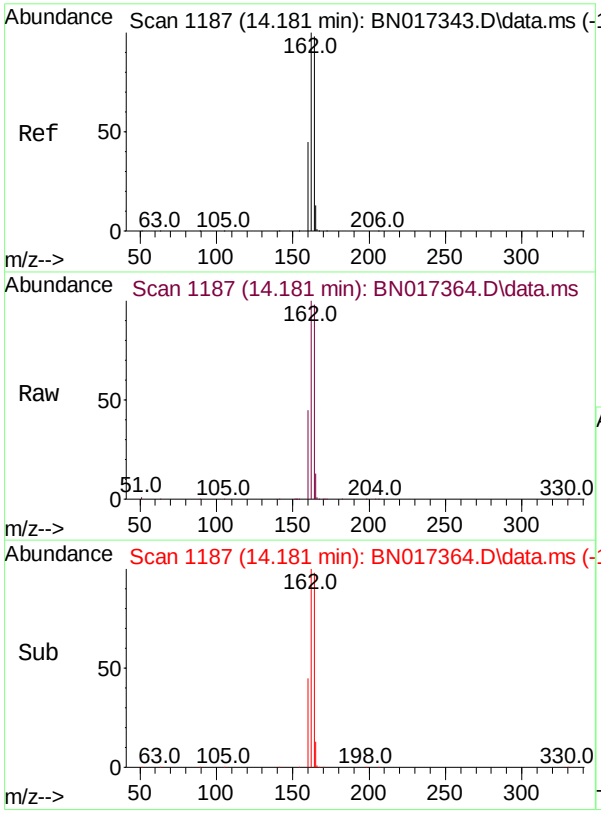


#12
2-Methylnaphthalene
Concen: 0.379 ng
RT: 11.986 min Scan# 938
Delta R.T. 0.004 min
Lab File: BN017364.D
Acq: 10 Nov 2021 01:12

Tgt Ion:142 Resp: 87203

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.6	106.0
115	32.5	25.8	38.6



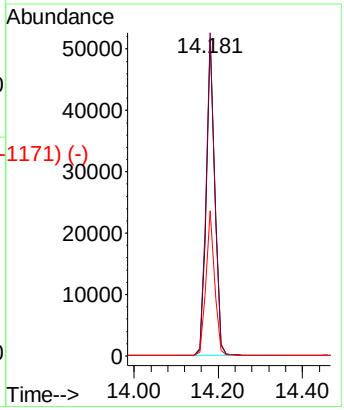


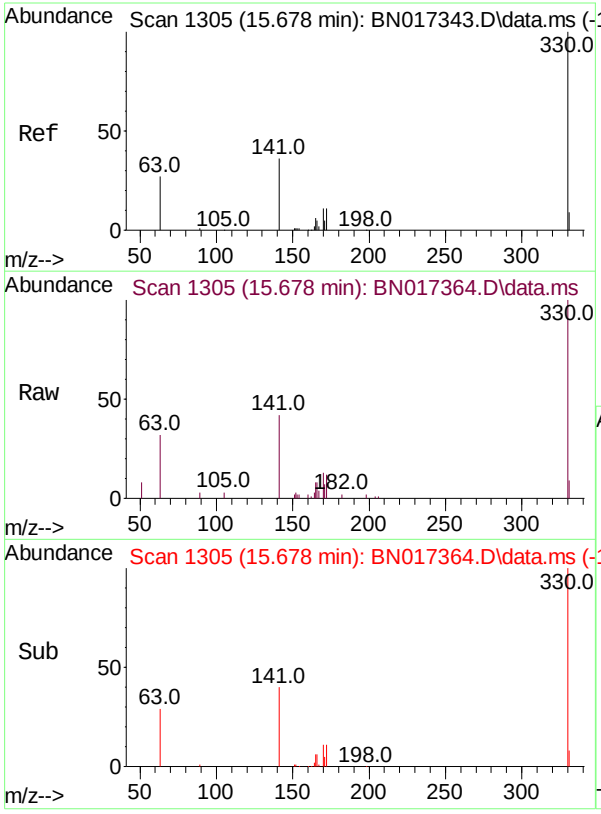
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017364.D
Acq: 10 Nov 2021 01:12

Instrument :
BNA_N
ClientSampleId :
PB140411BSD

Tgt Ion:164 Resp: 72885

Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.4	122.2
160	45.8	36.8	55.2

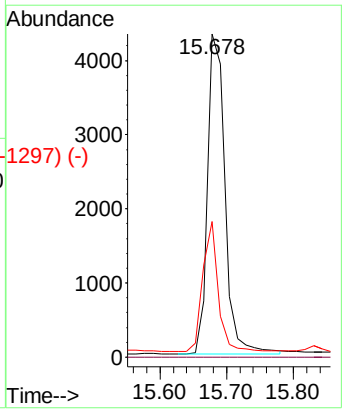


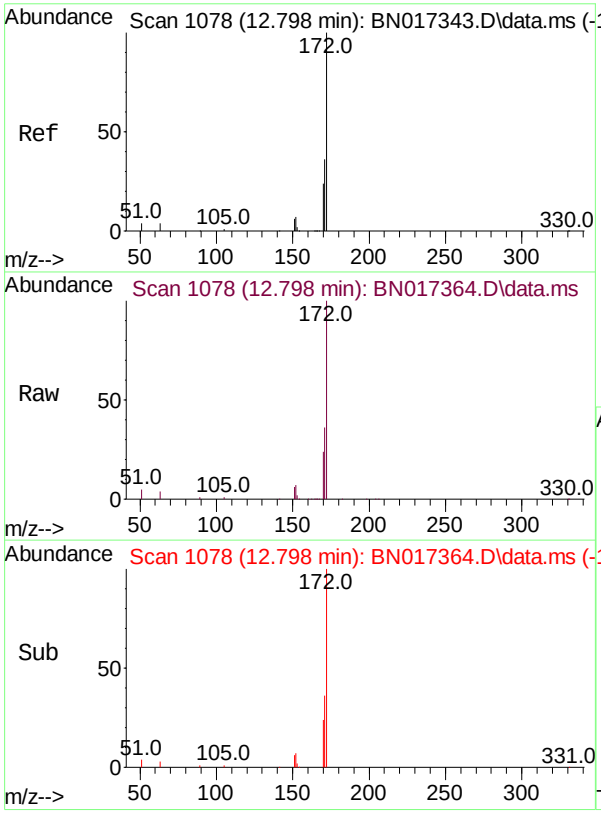


#14
2,4,6-Tribromophenol
Concen: 0.287 ng
RT: 15.678 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BN017364.D
Acq: 10 Nov 2021 01:12

Tgt Ion:330 Resp: 7817

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.2	28.9	43.3



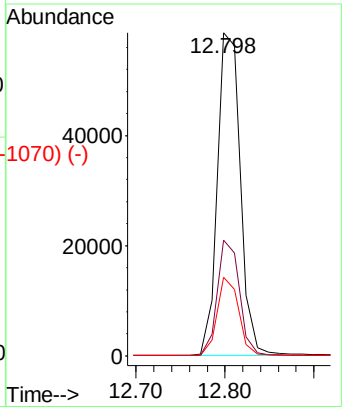


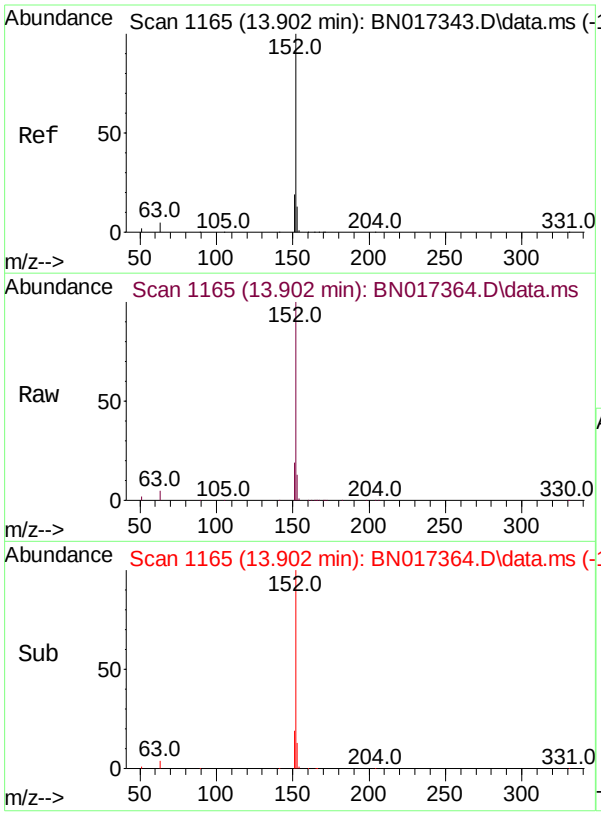
#14
2-Fluorobiphenyl
Concen: 0.380 ng
RT: 12.798 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017364.D
Acq: 10 Nov 2021 01:12

Instrument :
BNA_N
ClientSampleId :
PB140411BSD

Tgt Ion:172 Resp: 105467

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.7	43.1
170	24.4	19.4	29.2

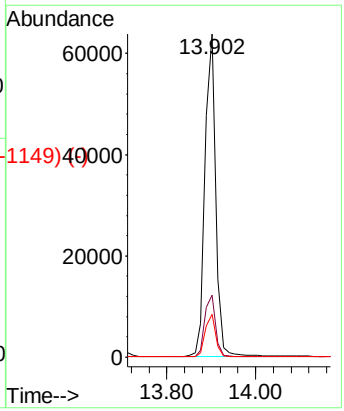


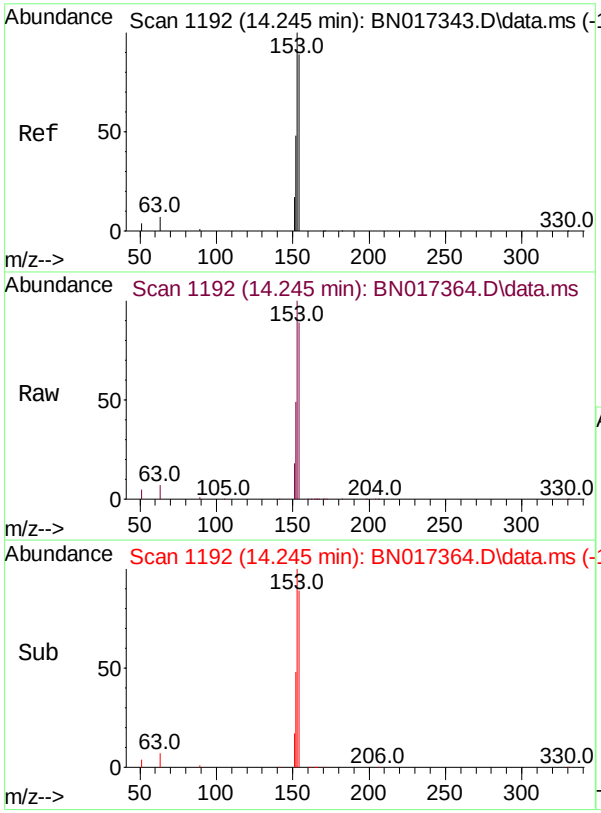


#16
Acenaphthylene
Concen: 0.357 ng
RT: 13.902 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BN017364.D
Acq: 10 Nov 2021 01:12

Tgt Ion:152 Resp: 106096

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3
153	13.0	10.4	15.6



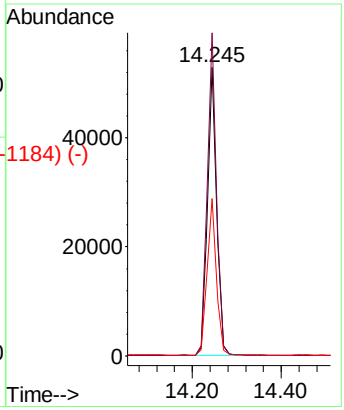


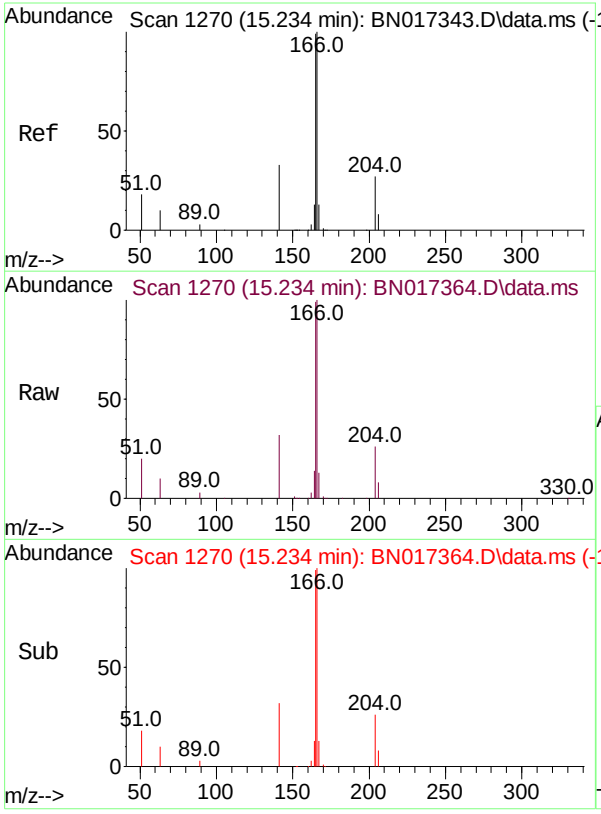
#47
Acenaphthene
Concen: 0.366 ng
RT: 14.245 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017364.D
Acq: 10 Nov 2021 01:12

Instrument :
BNA_N
ClientSampleId :
PB140411BSD

Tgt Ion:154 Resp: 74975

Ion	Ratio	Lower	Upper
154	100		
153	113.0	91.2	136.8
152	55.4	44.3	66.5

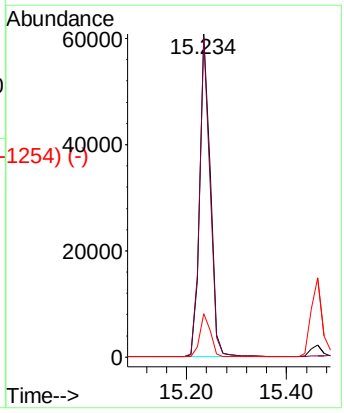


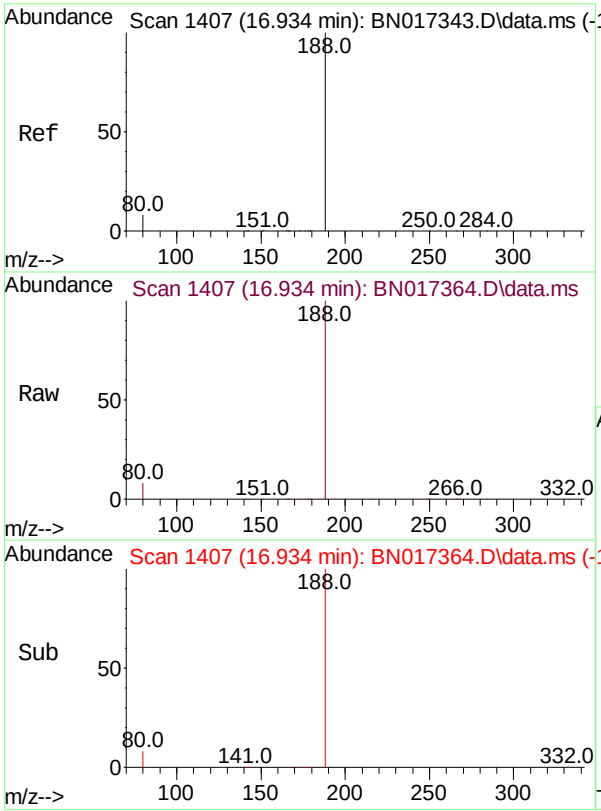


#48
Fluorene
Concen: 0.365 ng
RT: 15.234 min Scan# 1270
Delta R.T. -0.000 min
Lab File: BN017364.D
Acq: 10 Nov 2021 01:12

Tgt Ion:166 Resp: 89118

Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.9	116.9
167	13.5	10.9	16.3



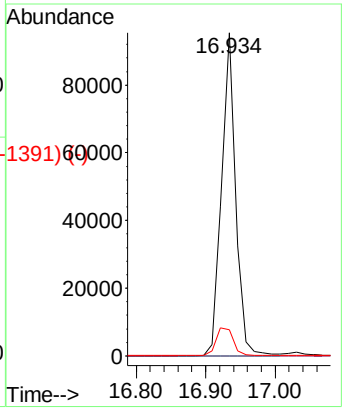


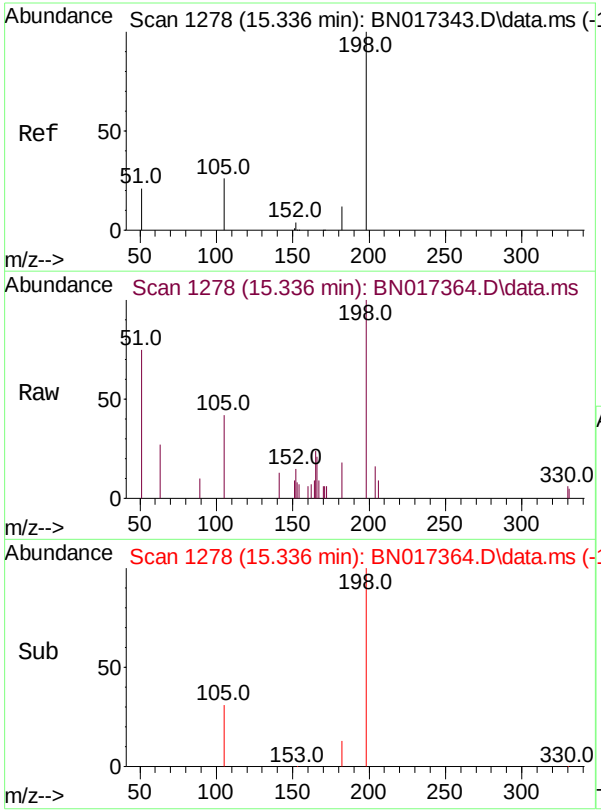
#12
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.934 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017364.D
Acq: 10 Nov 2021 01:12

Instrument :
BNA_N
ClientSampleId :
PB140411BSD

Tgt Ion:188 Resp: 133050

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.0	6.1	9.1

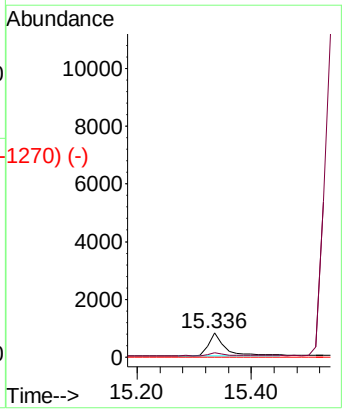


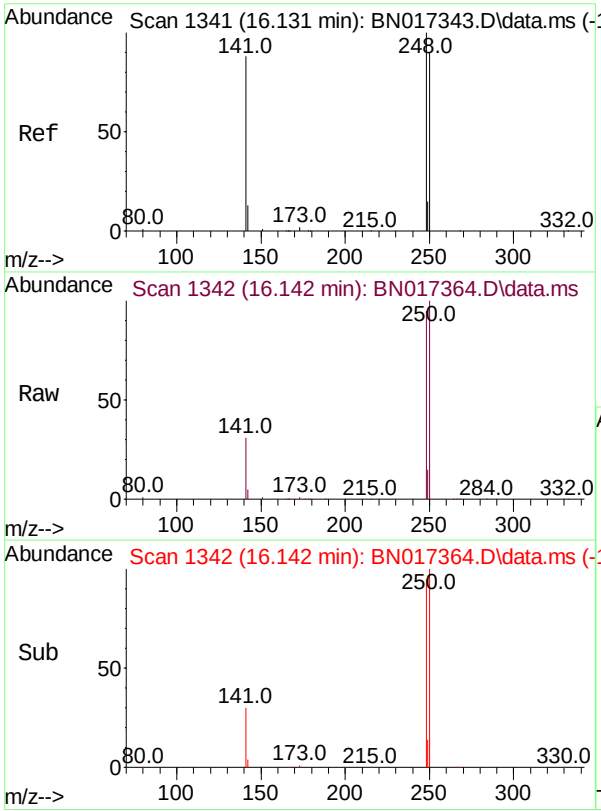


#24
4,6-Dinitro-2-methylphenol
Concen: 0.278 ng
RT: 15.336 min Scan# 1278
Delta R.T. -0.000 min
Lab File: BN017364.D
Acq: 10 Nov 2021 01:12

Tgt Ion:198 Resp: 1539

Ion	Ratio	Lower	Upper
198	100		
182	18.0	11.4	17.2#
77	0.0	0.0	0.0



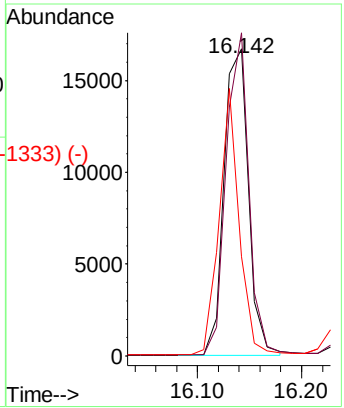


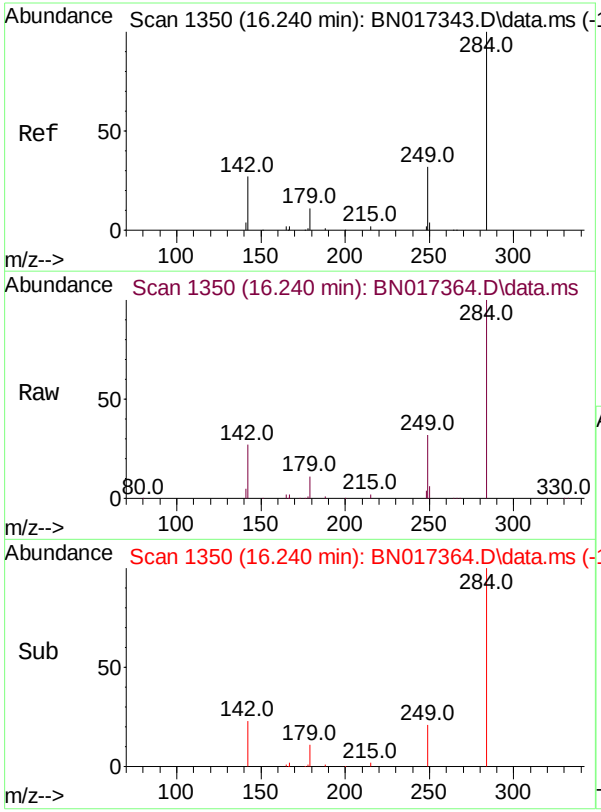
#21
4-Bromophenyl-phenylether
Concen: 0.368 ng
RT: 16.142 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN017364.D
Acq: 10 Nov 2021 01:12

Instrument :
BNA_N
ClientSampleId :
PB140411BSD

Tgt Ion:248 Resp: 27449

Ion	Ratio	Lower	Upper
248	100		
250	105.1	71.8	107.8
141	32.3	70.9	106.3#

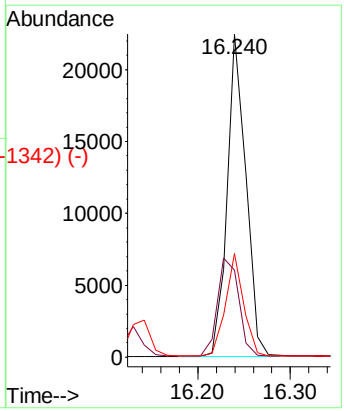


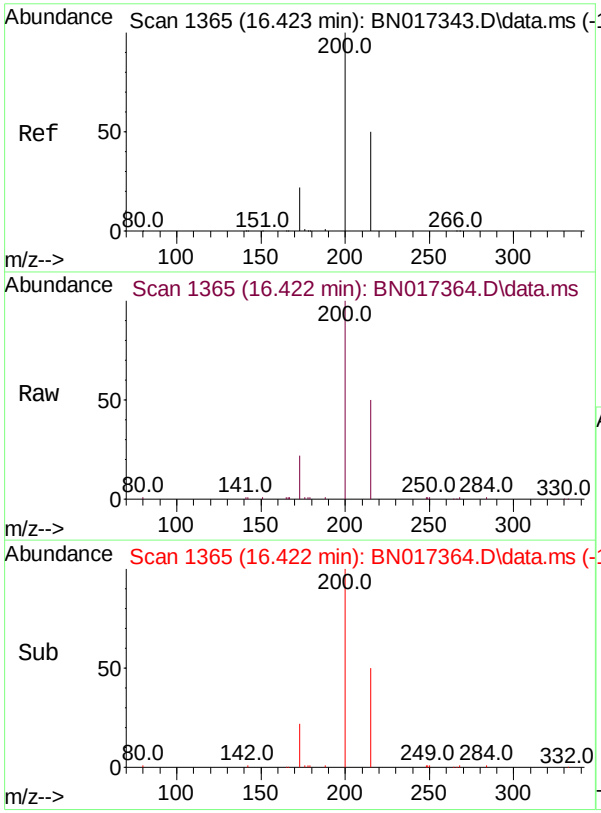


#22
Hexachlorobenzene
Concen: 0.376 ng
RT: 16.240 min Scan# 1350
Delta R.T. -0.000 min
Lab File: BN017364.D
Acq: 10 Nov 2021 01:12

Tgt Ion:284 Resp: 31412

Ion	Ratio	Lower	Upper
284	100		
142	34.9	28.2	42.2
249	30.6	24.4	36.6



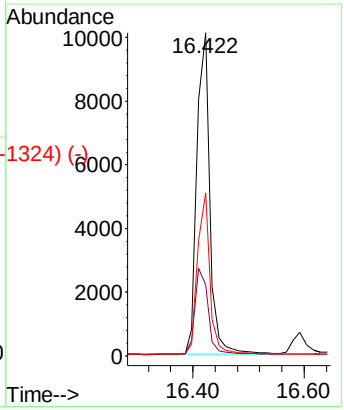


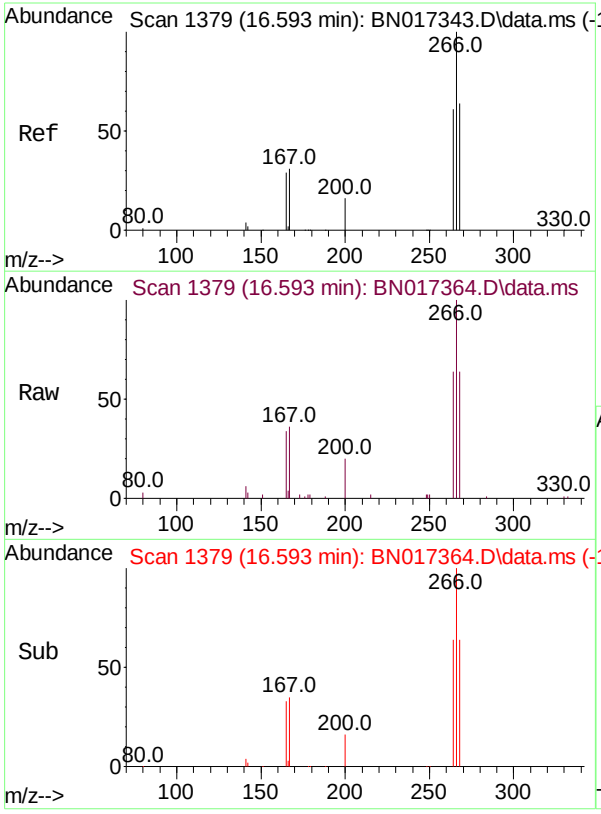
#20
Atrazine
Concen: 0.325 ng
RT: 16.422 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017364.D
Acq: 10 Nov 2021 01:12

Instrument :
BNA_N
ClientSampleId :
PB140411BSD

Tgt Ion:200 Resp: 16386

Ion	Ratio	Lower	Upper
200	100		
173	22.1	17.6	26.4
215	50.4	40.2	60.4

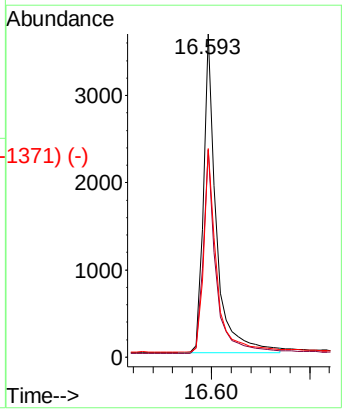


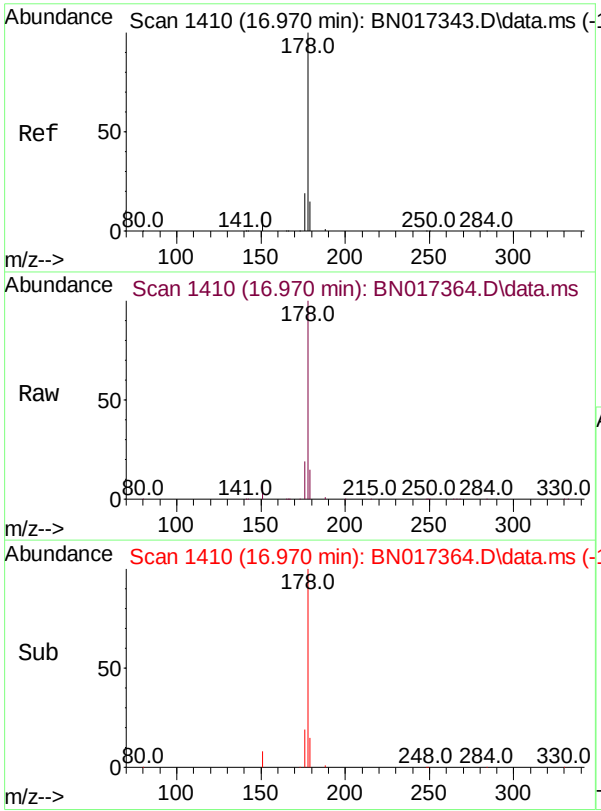


#24
Pentachlorophenol
Concen: 0.380 ng
RT: 16.593 min Scan# 1379
Delta R.T. -0.000 min
Lab File: BN017364.D
Acq: 10 Nov 2021 01:12

Tgt Ion:266 Resp: 6639

Ion	Ratio	Lower	Upper
266	100		
264	63.7	49.8	74.8
268	64.3	51.3	76.9



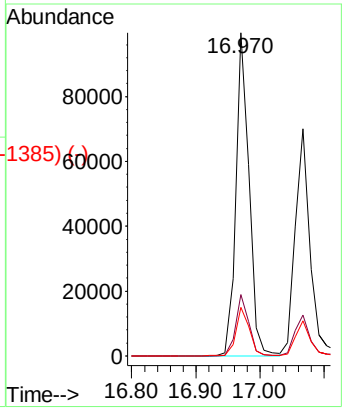


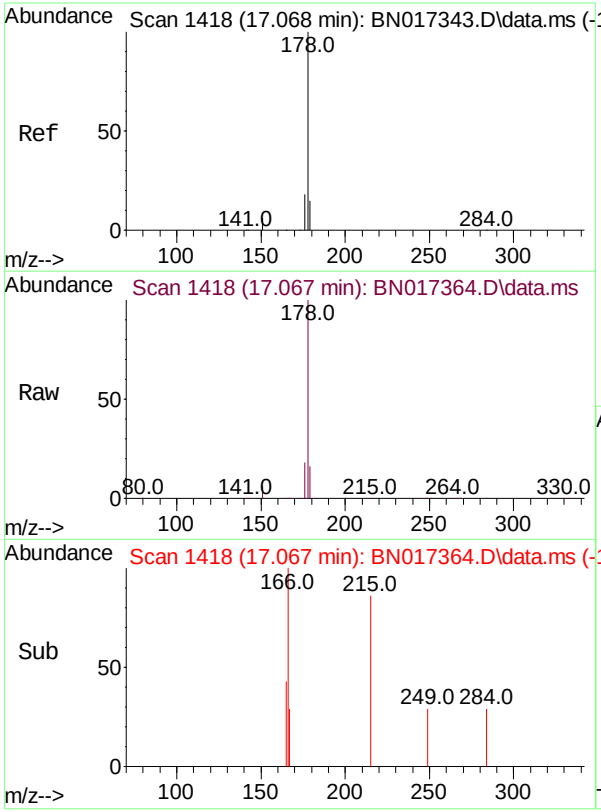
#25
Phenanthrene
Concen: 0.374 ng
RT: 16.970 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017364.D
Acq: 10 Nov 2021 01:12

Instrument :
BNA_N
ClientSampleId :
PB140411BSD

Tgt Ion:178 Resp: 142590

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.4	12.3	18.5

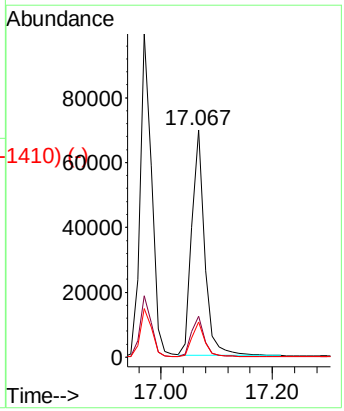


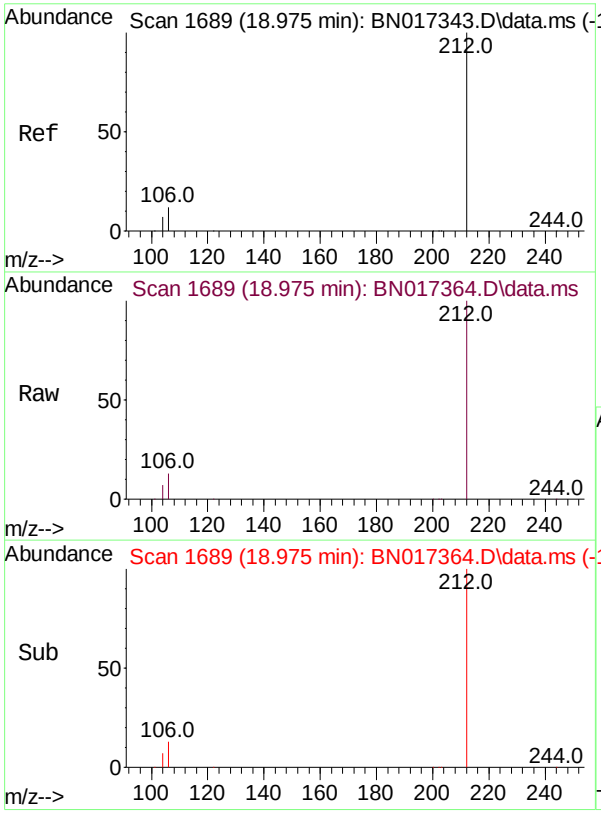


#26
Anthracene
Concen: 0.350 ng
RT: 17.067 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BN017364.D
Acq: 10 Nov 2021 01:12

Tgt Ion:178 Resp: 111257

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	22.0
179	15.4	12.2	18.4



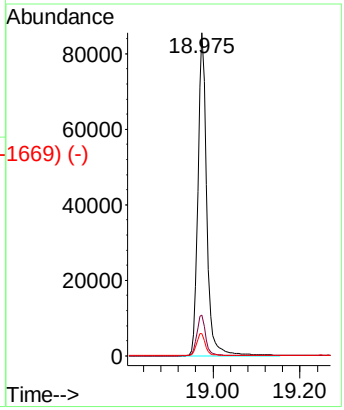


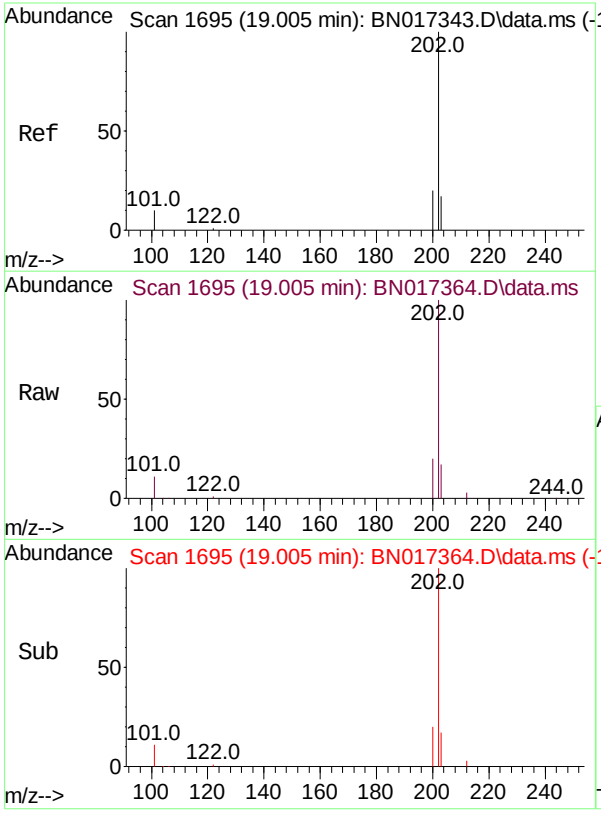
#27
Fluoranthene-d10
Concen: 0.355 ng
RT: 18.975 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017364.D
Acq: 10 Nov 2021 01:12

Instrument :
BNA_N
ClientSampleId :
PB140411BSD

Tgt Ion:212 Resp: 120509

Ion	Ratio	Lower	Upper
212	100		
106	13.0	10.5	15.7
104	7.2	5.8	8.6

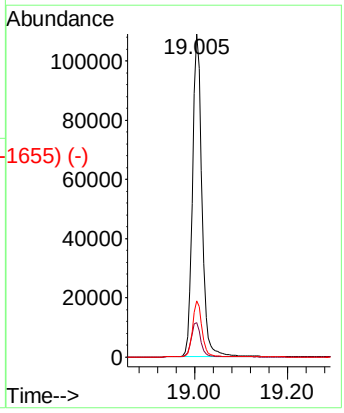


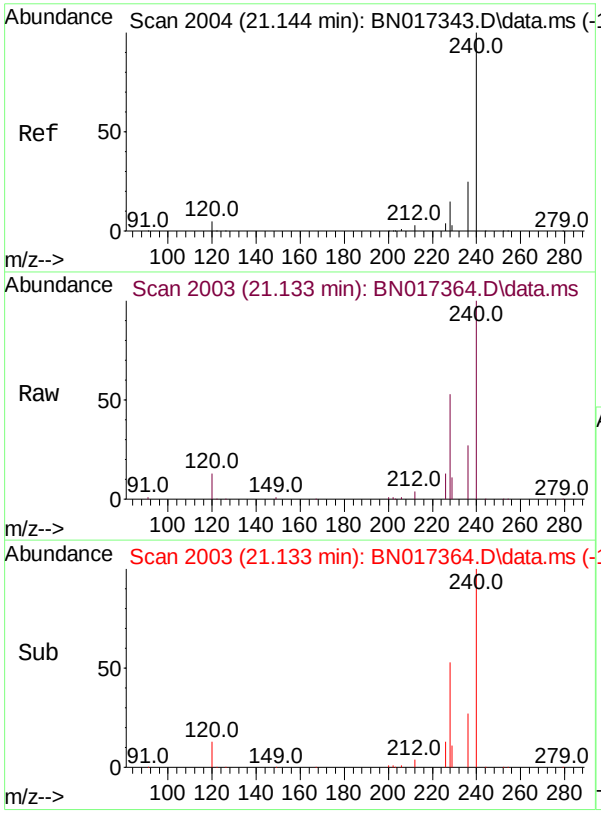


#28
Fluoranthene
Concen: 0.370 ng
RT: 19.005 min Scan# 1695
Delta R.T. -0.000 min
Lab File: BN017364.D
Acq: 10 Nov 2021 01:12

Tgt Ion:202 Resp: 152344

Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.9	13.3
203	17.2	13.8	20.6



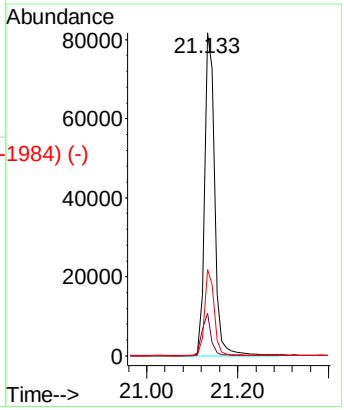


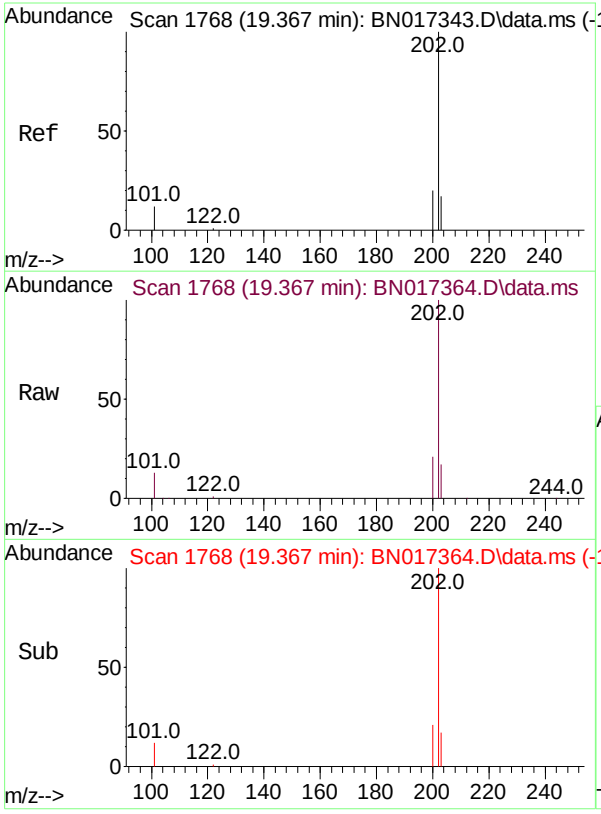
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017364.D
Acq: 10 Nov 2021 01:12

Instrument :
BNA_N
ClientSampleId :
PB140411BSD

Tgt Ion:240 Resp: 125378

Ion	Ratio	Lower	Upper
240	100		
120	13.3	4.2	6.2#
236	26.7	20.0	30.0

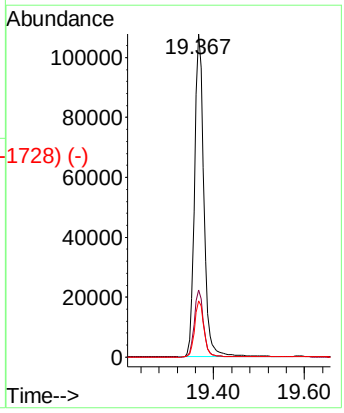


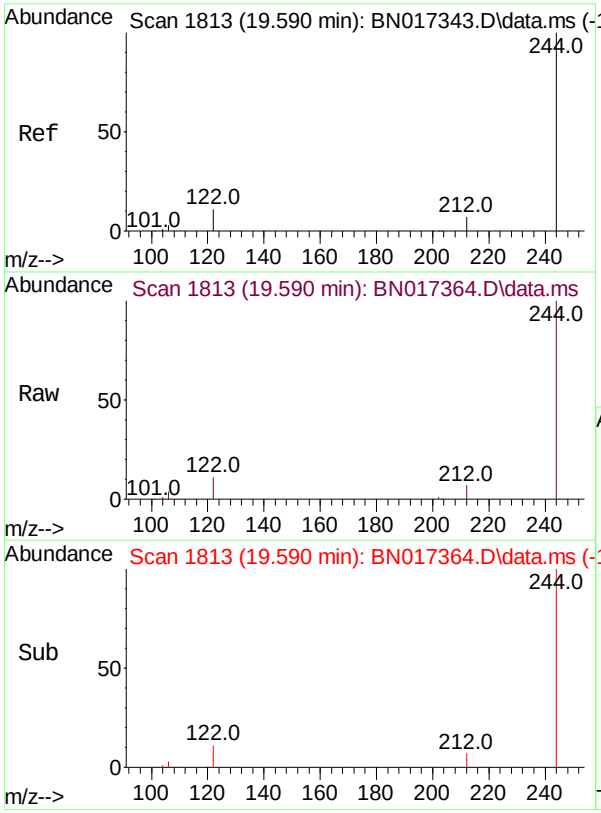


#30
Pyrene
Concen: 0.372 ng
RT: 19.367 min Scan# 1768
Delta R.T. -0.000 min
Lab File: BN017364.D
Acq: 10 Nov 2021 01:12

Tgt Ion:202 Resp: 150515

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.5	24.7
203	17.5	14.0	21.0



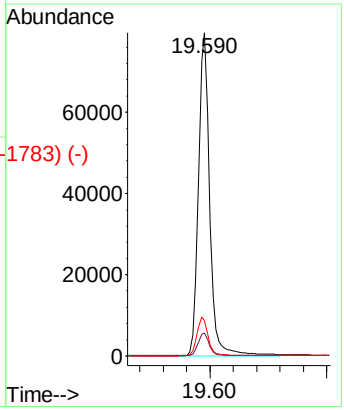


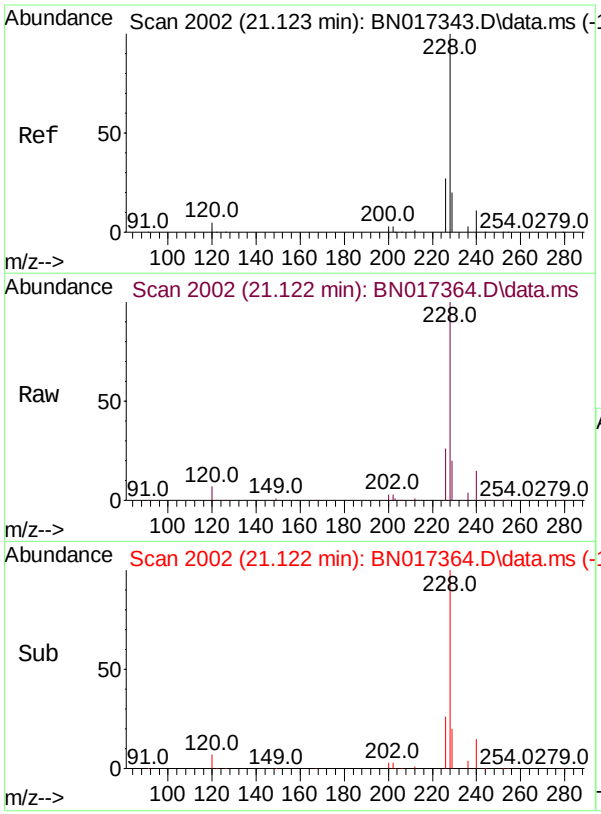
#31
Terphenyl-d14
Concen: 0.376 ng
RT: 19.590 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017364.D
Acq: 10 Nov 2021 01:12

Instrument :
BNA_N
ClientSampleId :
PB140411BSD

Tgt Ion:244 Resp: 105161

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	10.8	8.6	13.0

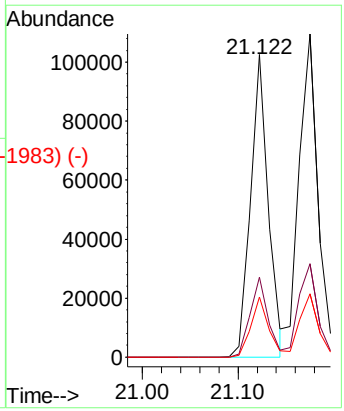


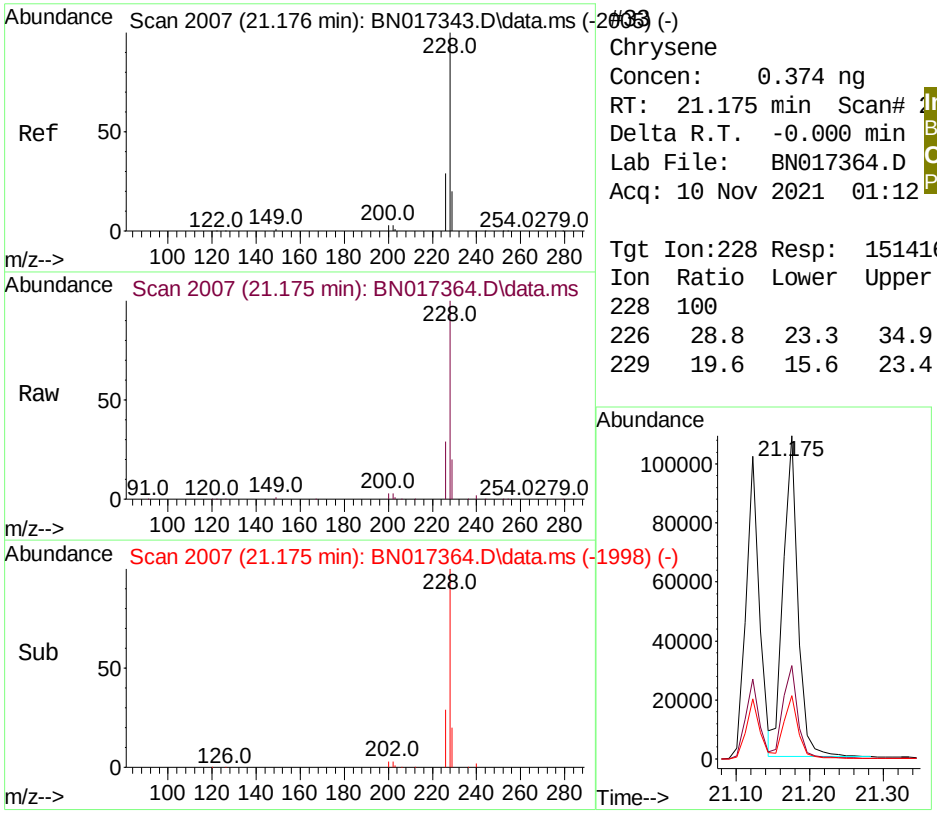


#32
Benzo(a)anthracene
Concen: 0.344 ng
RT: 21.122 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BN017364.D
Acq: 10 Nov 2021 01:12

Tgt Ion:228 Resp: 130833

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.3	31.9
229	19.8	15.7	23.5



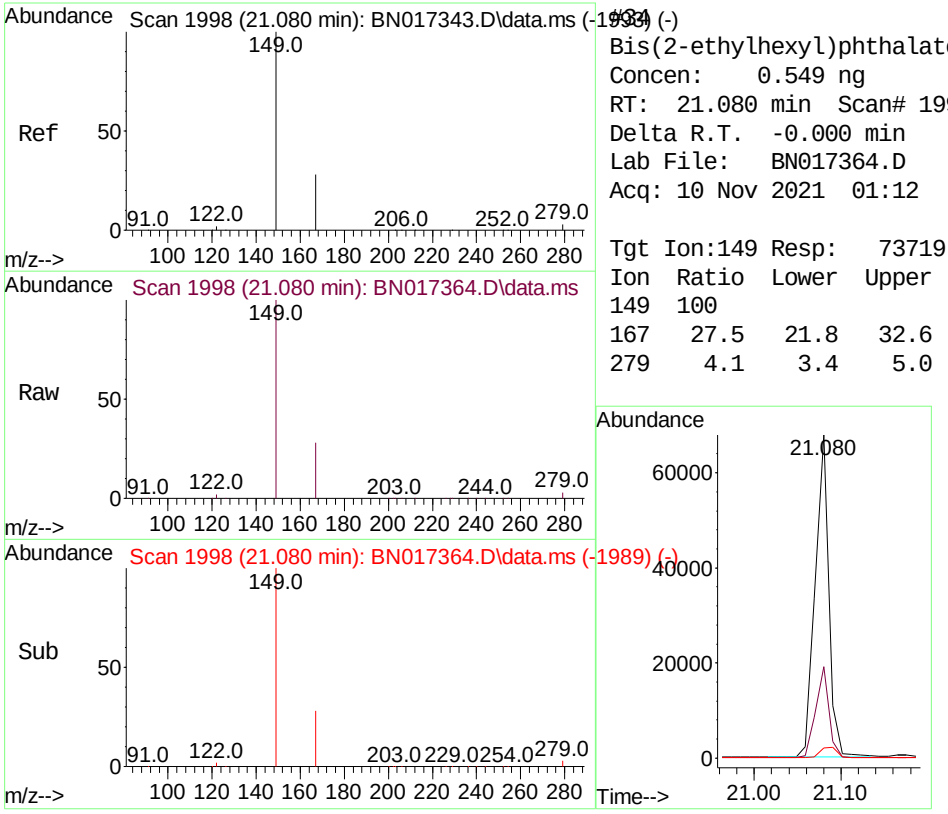


#33
Chrysene
Concen: 0.374 ng
RT: 21.175 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN017364.D
Acq: 10 Nov 2021 01:12

Instrument :
BNA_N
ClientSampleId :
PB140411BSD

Tgt Ion:228 Resp: 151416

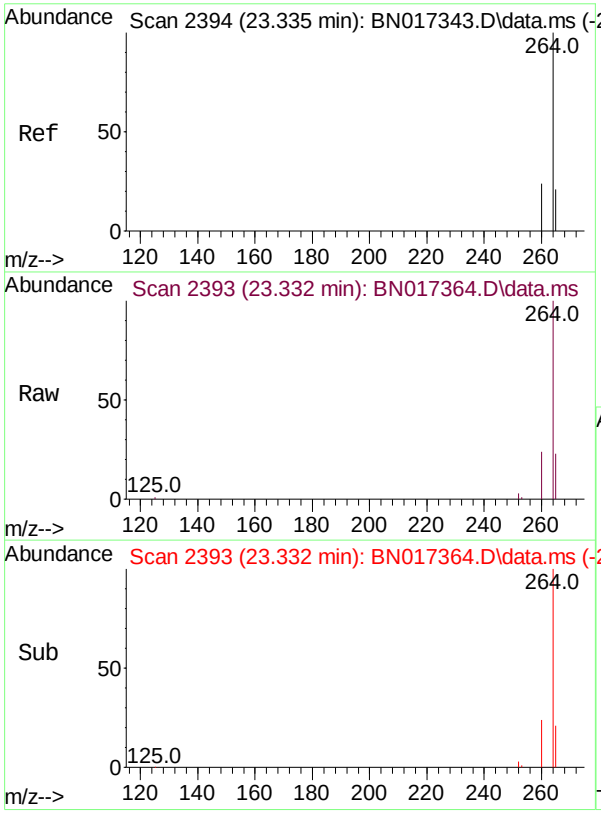
Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.3	34.9
229	19.6	15.6	23.4



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.549 ng
RT: 21.080 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BN017364.D
Acq: 10 Nov 2021 01:12

Tgt Ion:149 Resp: 73719

Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.8	32.6
279	4.1	3.4	5.0

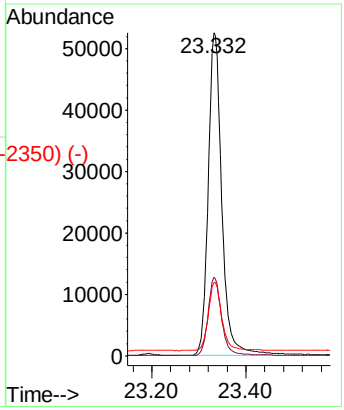


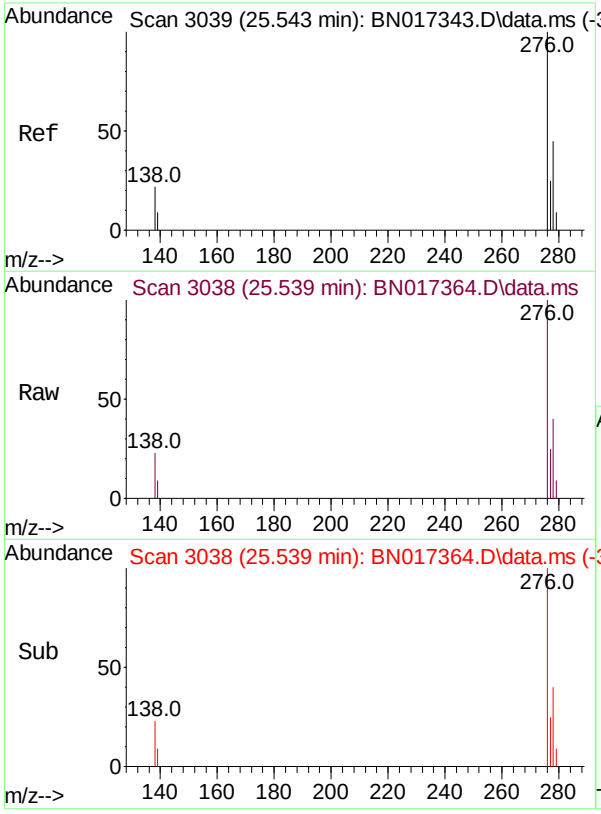
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.332 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN017364.D
Acq: 10 Nov 2021 01:12

Instrument :
BNA_N
ClientSampleId :
PB140411BSD

Tgt Ion:264 Resp: 105709

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	22.7	18.6	28.0

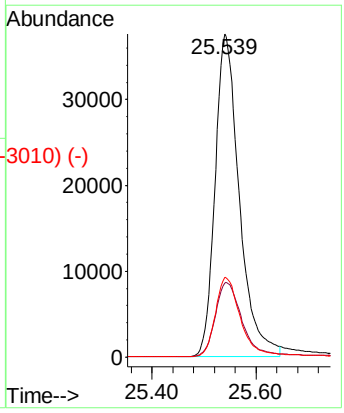


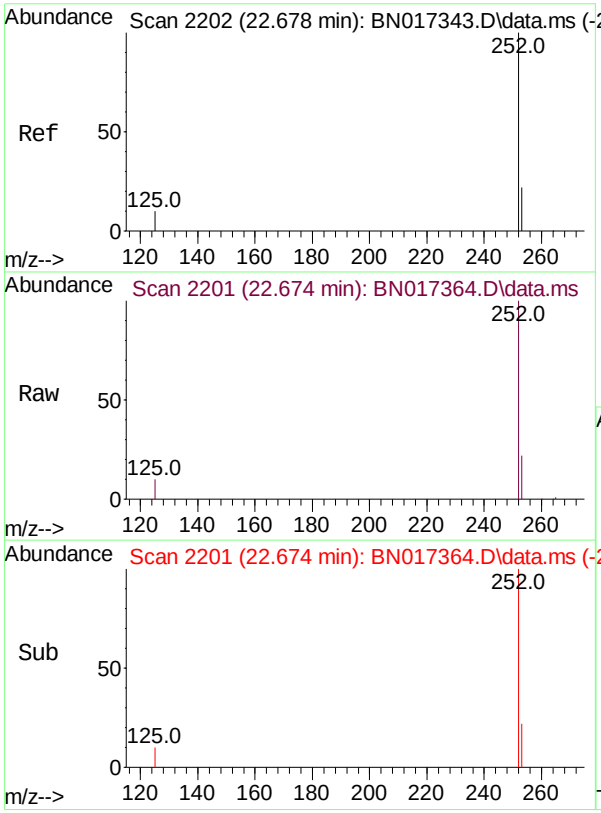


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.328 ng
RT: 25.539 min Scan# 3038
Delta R.T. -0.004 min
Lab File: BN017364.D
Acq: 10 Nov 2021 01:12

Tgt Ion:276 Resp: 121469

Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.7	29.5
277	25.2	20.0	30.0



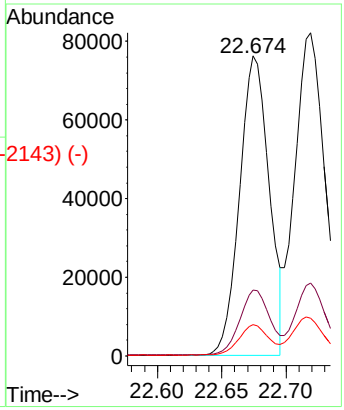


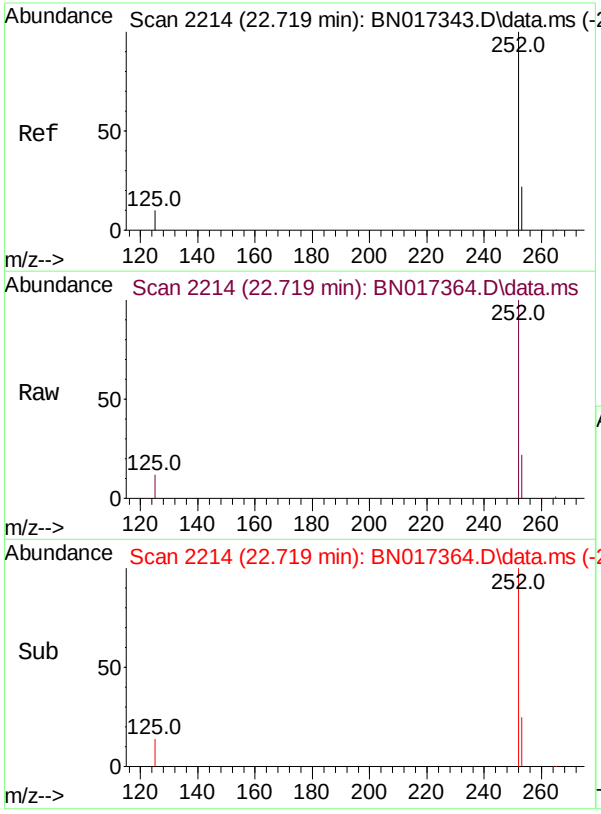
#37
Benzo(b)fluoranthene
Concen: 0.352 ng
RT: 22.674 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN017364.D
Acq: 10 Nov 2021 01:12

Instrument :
BNA_N
ClientSampleId :
PB140411BSD

Tgt Ion:252 Resp: 121670

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	10.4	7.8	11.8

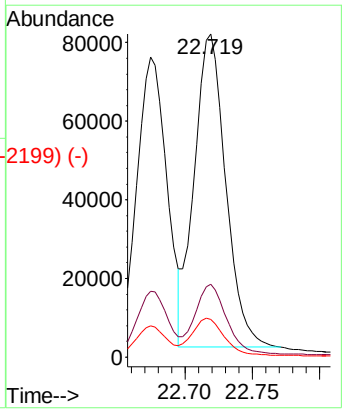


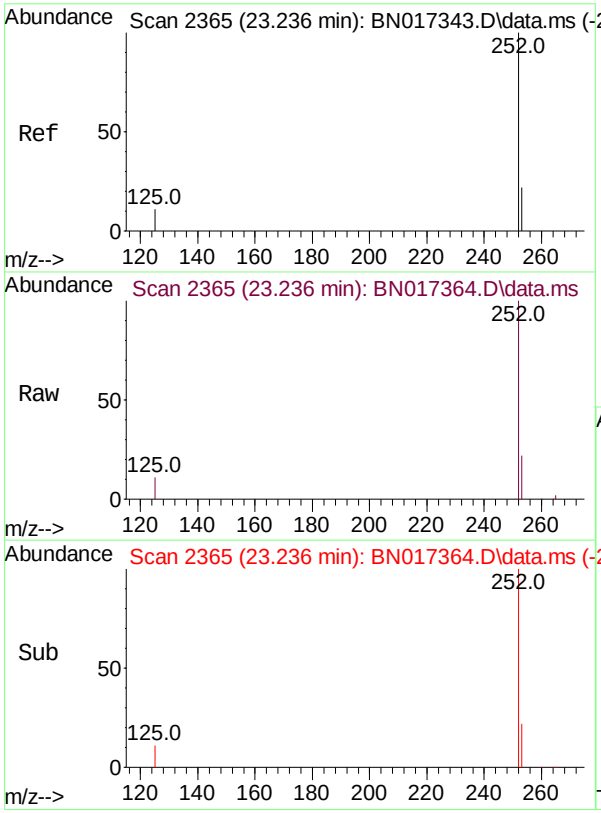


#38
Benzo(k)fluoranthene
Concen: 0.374 ng
RT: 22.719 min Scan# 2214
Delta R.T. -0.000 min
Lab File: BN017364.D
Acq: 10 Nov 2021 01:12

Tgt Ion:252 Resp: 129365

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	11.7	8.2	12.2



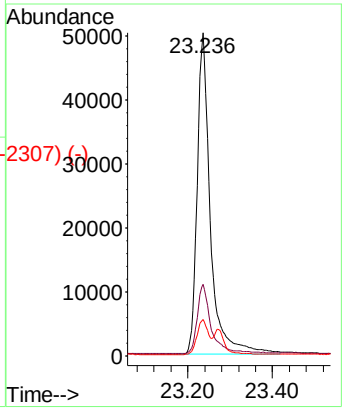


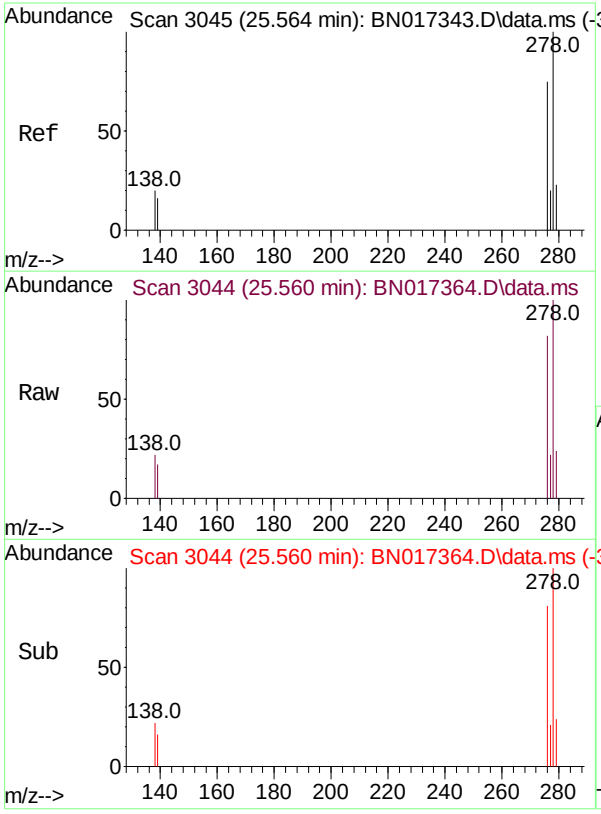
#39
Benzo(a)pyrene
Concen: 0.354 ng
RT: 23.236 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN017364.D
Acq: 10 Nov 2021 01:12

Instrument :
BNA_N
ClientSampleId :
PB140411BSD

Tgt Ion:252 Resp: 108193

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	11.3	9.2	13.8

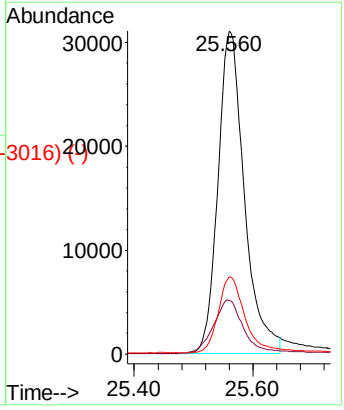


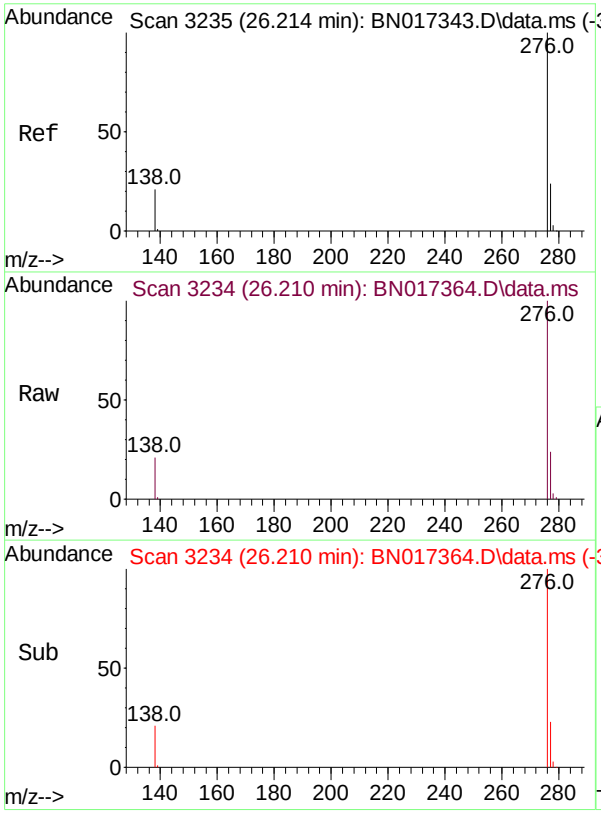


#40
Dibenzo(a,h)anthracene
Concen: 0.322 ng
RT: 25.560 min Scan# 3044
Delta R.T. -0.004 min
Lab File: BN017364.D
Acq: 10 Nov 2021 01:12

Tgt Ion:278 Resp: 95973

Ion	Ratio	Lower	Upper
278	100		
139	16.7	13.0	19.6
279	24.0	19.2	28.8





#47
Benzo(g,h,i)perylene
Concen: 0.319 ng
RT: 26.210 min Scan# 1
Delta R.T. -0.007 min
Lab File: BN017364.D
Acq: 10 Nov 2021 01:12

Instrument :
BNA_N
ClientSampleId :
PB140411BSD

Tgt Ion:276 Resp: 102383

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.4
138	21.2	17.1	25.7