Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110921\
Data File : BN017365.D
Acq On : 10 Nov 2021 01:49
Operator : CG/JU
Sample : PB140531BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB140531BS

Quant Time: Nov 10 11:22:23 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

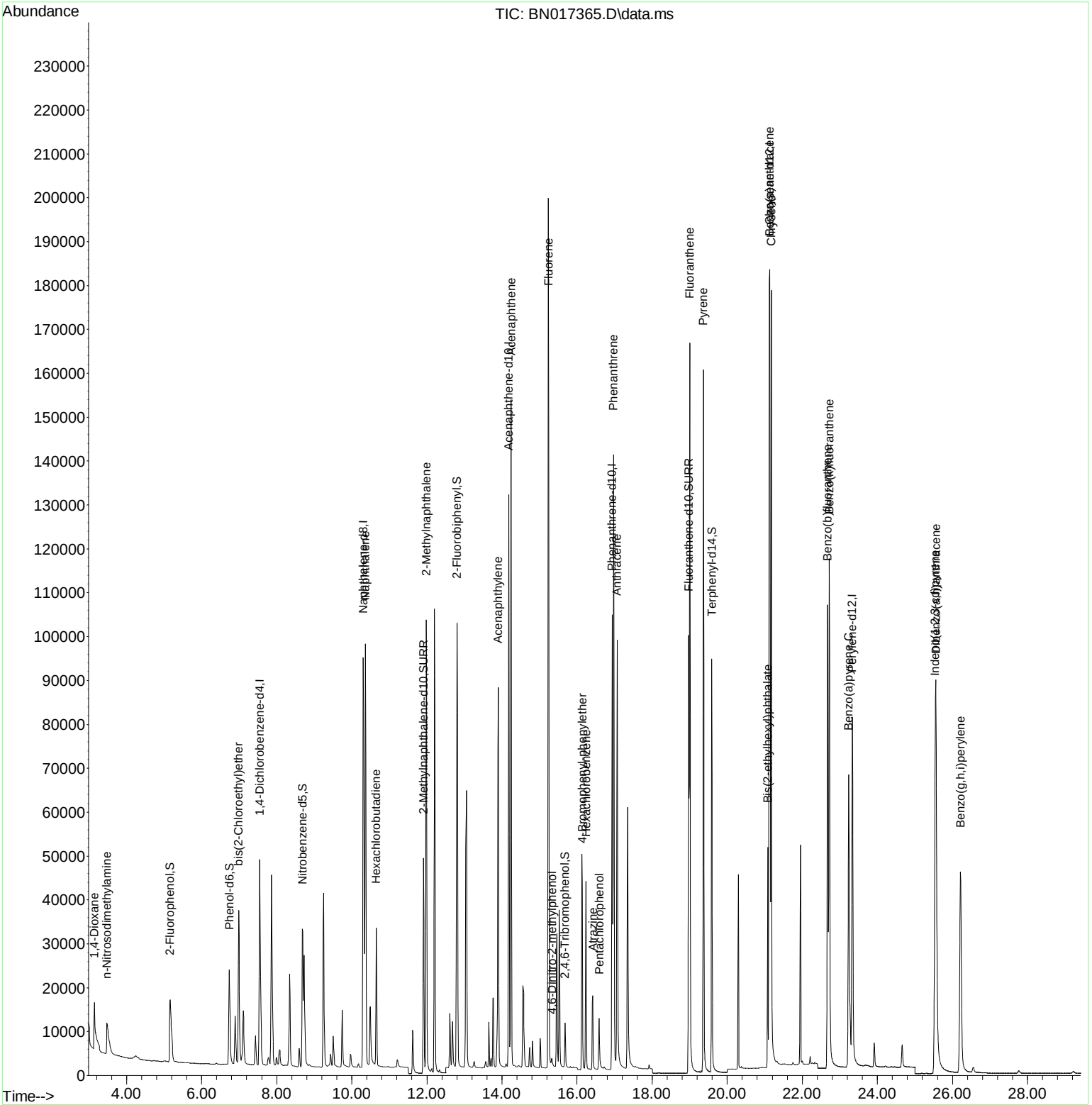
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.552	152	29953	0.400	ng		0.00
7) Naphthalene-d8	10.307	136	135623	0.400	ng	#	0.00
13) Acenaphthene-d10	14.181	164	71359	0.400	ng		0.00
19) Phenanthrene-d10	16.934	188	133381	0.400	ng		0.00
29) Chrysene-d12	21.133	240	123692	0.400	ng	#	0.00
35) Perylene-d12	23.332	264	109361	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.163	112	24053	0.348	ng		0.00
5) Phenol-d6	6.740	99	26430	0.347	ng		0.00
8) Nitrobenzene-d5	8.684	82	30887	0.380	ng		0.00
11) 2-Methylnaphthalene-d10	11.911	152	67081	0.336	ng		0.00
14) 2,4,6-Tribromophenol	15.678	330	7811	0.293	ng		0.00
15) 2-Fluorobiphenyl	12.798	172	96454	0.355	ng		0.00
27) Fluoranthene-d10	18.975	212	119987	0.353	ng		0.00
31) Terphenyl-d14	19.590	244	105563	0.383	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.144	88	7843	0.468	ng		90
3) n-Nitrosodimethylamine	3.476	42	10168	0.395	ng		99
6) bis(2-Chloroethyl)ether	6.989	93	30095	0.375	ng		100
9) Naphthalene	10.357	128	130477	0.365	ng		100
10) Hexachlorobutadiene	10.649	225	25156	0.359	ng	#	100
12) 2-Methylnaphthalene	11.986	142	77476	0.329	ng		100
16) Acenaphthylene	13.902	152	105592	0.363	ng		100
17) Acenaphthene	14.245	154	73643	0.368	ng		99
18) Fluorene	15.234	166	88038	0.368	ng		100
20) 4,6-Dinitro-2-methylph...	15.336	198	1728	0.289	ng		94
21) 4-Bromophenyl-phenylether	16.143	248	27263	0.365	ng	#	62
22) Hexachlorobenzene	16.240	284	31165	0.372	ng		100
23) Atrazine	16.423	200	16435	0.325	ng		99
24) Pentachlorophenol	16.593	266	6841	0.385	ng		100
25) Phenanthrene	16.970	178	141200	0.369	ng		100
26) Anthracene	17.068	178	111396	0.350	ng		100
28) Fluoranthene	19.005	202	152197	0.369	ng		100
30) Pyrene	19.367	202	150234	0.376	ng		100
32) Benzo(a)anthracene	21.123	228	126730	0.338	ng		100
33) Chrysene	21.176	228	151144	0.378	ng		100
34) Bis(2-ethylhexyl)phtha...	21.080	149	41857	0.316	ng		100
36) Indeno(1,2,3-cd)pyrene	25.543	276	121195	0.317	ng		99
37) Benzo(b)fluoranthene	22.675	252	132488	0.371	ng		100
38) Benzo(k)fluoranthene	22.719	252	133777	0.374	ng		98
39) Benzo(a)pyrene	23.236	252	110914	0.350	ng		99
40) Dibenzo(a,h)anthracene	25.560	278	95513	0.310	ng		99
41) Benzo(g,h,i)perylene	26.214	276	101888	0.307	ng		99

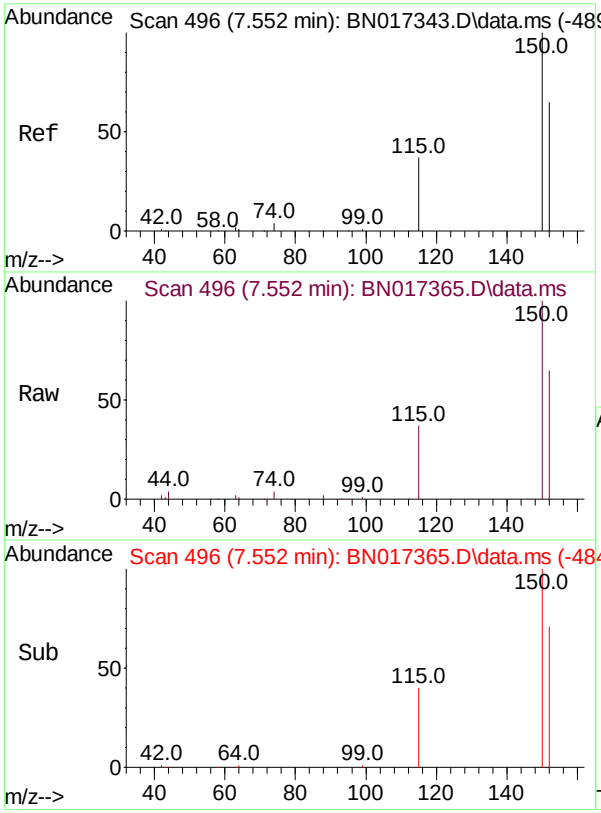
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110921\
Data File : BN017365.D
Acq On : 10 Nov 2021 01:49
Operator : CG/JU
Sample : PB140531BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB140531BS

Quant Time: Nov 10 11:22:23 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



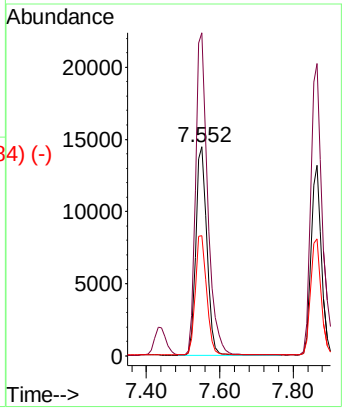


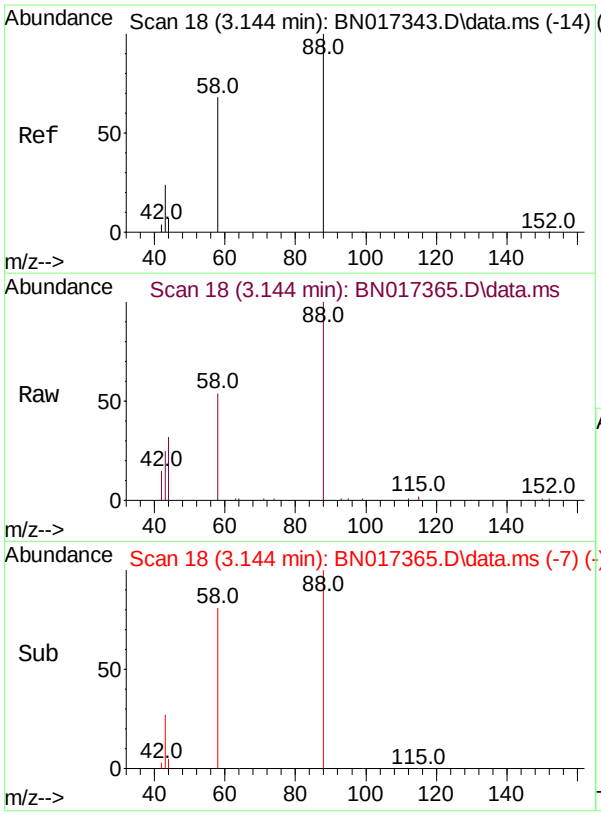
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.552 min Scan# 4
Delta R.T. 0.010 min
Lab File: BN017365.D
Acq: 10 Nov 2021 01:49

Instrument :
BNA_N
ClientSampleId :
PB140531BS

Tgt Ion:152 Resp: 29953

Ion	Ratio	Lower	Upper
152	100		
150	154.4	123.0	184.4
115	57.4	45.6	68.4

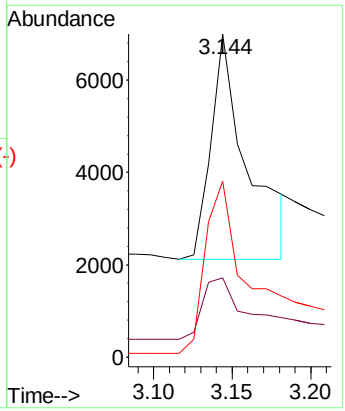


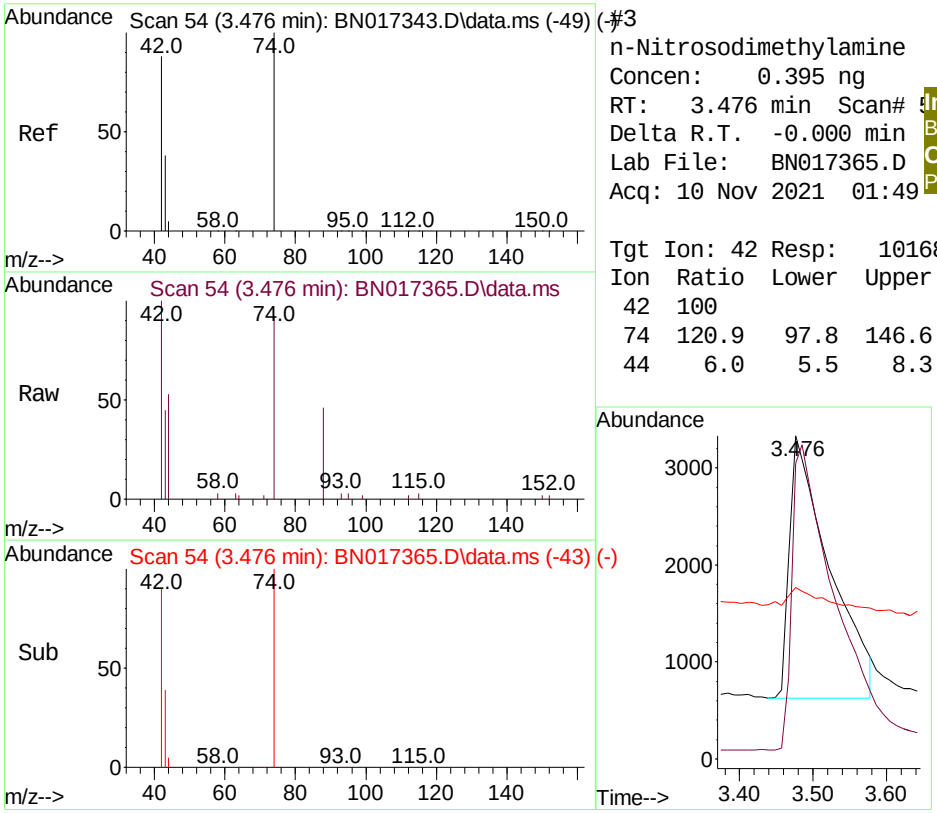


#2
1,4-Dioxane
Concen: 0.468 ng
RT: 3.144 min Scan# 18
Delta R.T. -0.000 min
Lab File: BN017365.D
Acq: 10 Nov 2021 01:49

Tgt Ion: 88 Resp: 7843

Ion	Ratio	Lower	Upper
88	100		
43	34.5	24.7	37.1
58	89.1	63.0	94.6



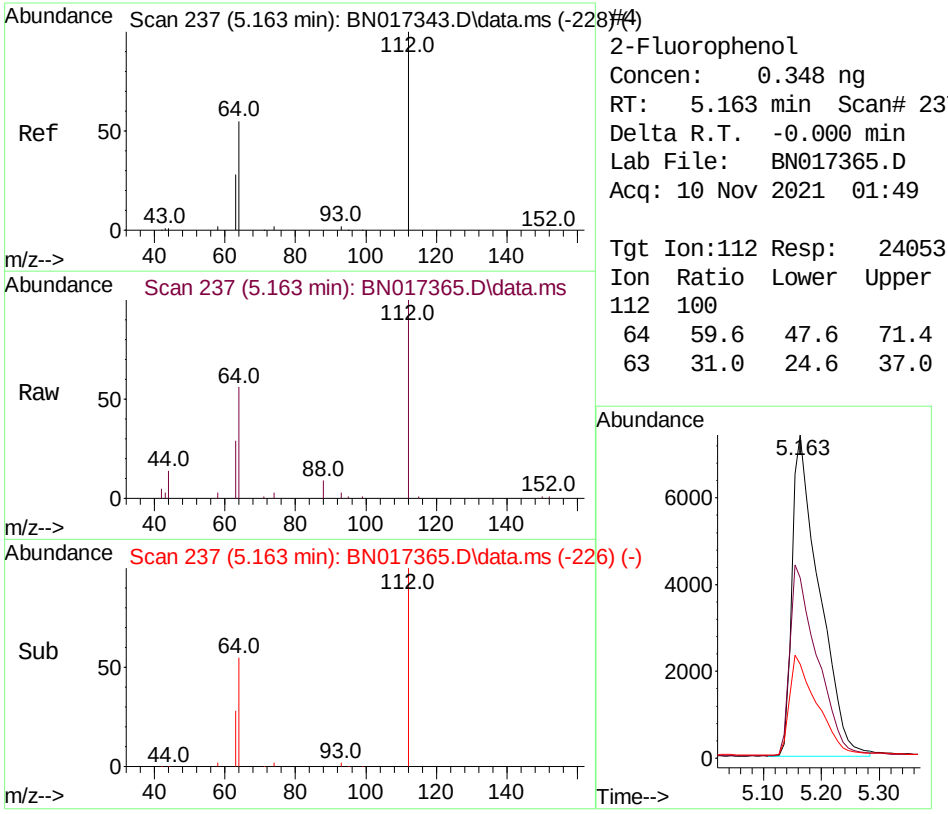


#3
n-Nitrosodimethylamine
Concen: 0.395 ng
RT: 3.476 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN017365.D
Acq: 10 Nov 2021 01:49

Instrument :
BNA_N
ClientSampleId :
PB140531BS

Tgt Ion: 42 Resp: 10168

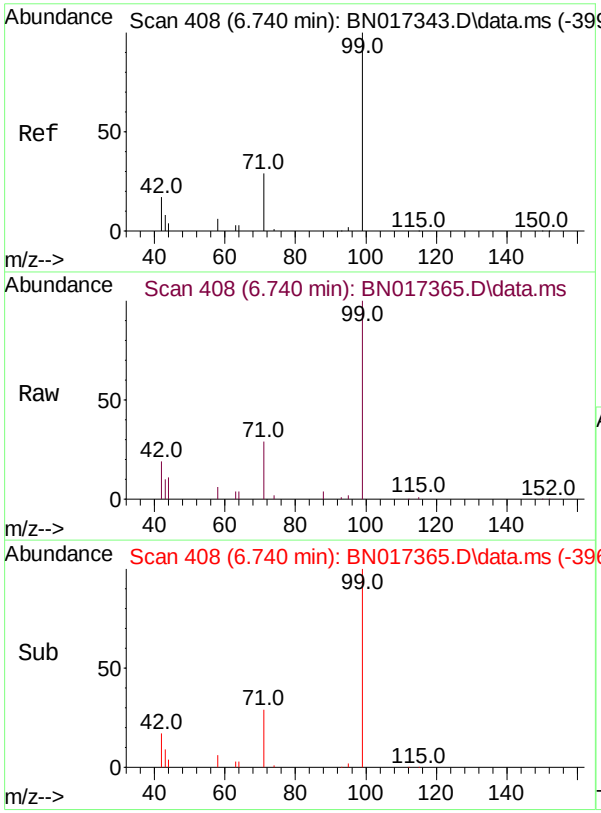
Ion	Ratio	Lower	Upper
42	100		
74	120.9	97.8	146.6
44	6.0	5.5	8.3



#4
2-Fluorophenol
Concen: 0.348 ng
RT: 5.163 min Scan# 237
Delta R.T. -0.000 min
Lab File: BN017365.D
Acq: 10 Nov 2021 01:49

Tgt Ion:112 Resp: 24053

Ion	Ratio	Lower	Upper
112	100		
64	59.6	47.6	71.4
63	31.0	24.6	37.0

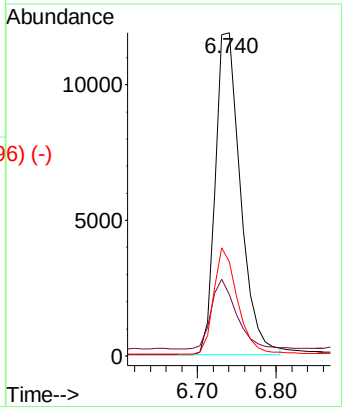


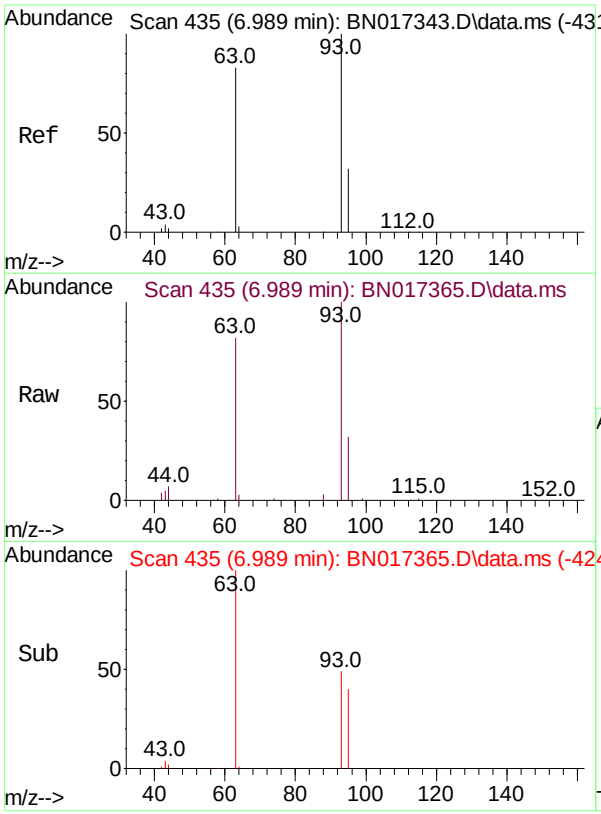
#5
Phenol-d6
Concen: 0.347 ng
RT: 6.740 min Scan# 4
Delta R.T. 0.009 min
Lab File: BN017365.D
Acq: 10 Nov 2021 01:49

Instrument :
BNA_N
ClientSampleId :
PB140531BS

Tgt Ion: 99 Resp: 26430

Ion	Ratio	Lower	Upper
99	100		
42	21.6	17.0	25.6
71	31.3	24.8	37.2

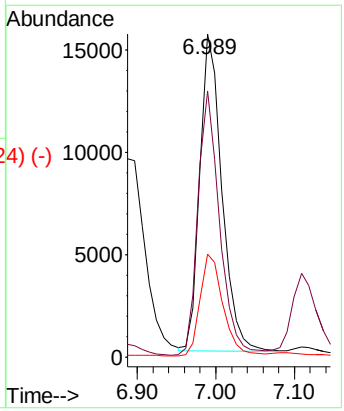


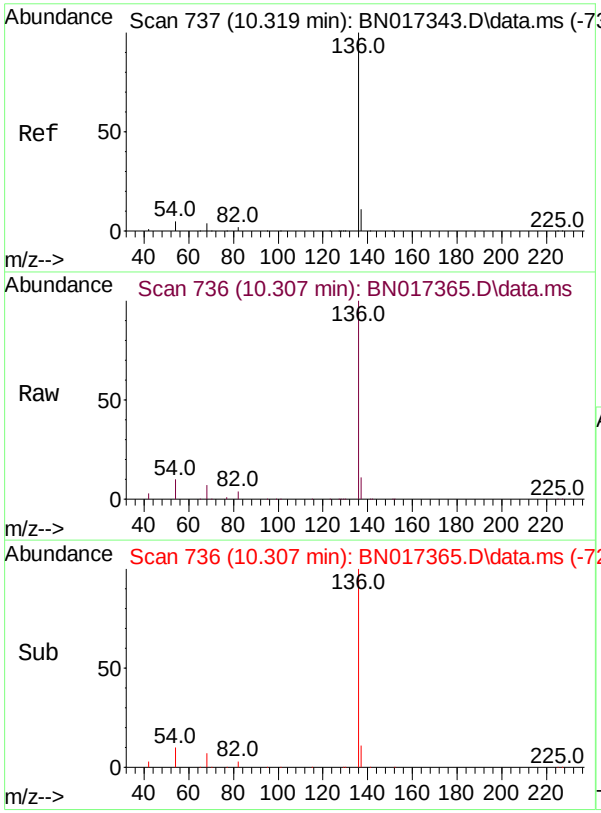


#6
bis(2-Chloroethyl)ether
Concen: 0.375 ng
RT: 6.989 min Scan# 435
Delta R.T. -0.000 min
Lab File: BN017365.D
Acq: 10 Nov 2021 01:49

Tgt Ion: 93 Resp: 30095

Ion	Ratio	Lower	Upper
93	100		
63	82.2	65.8	98.6
95	33.1	26.6	39.8



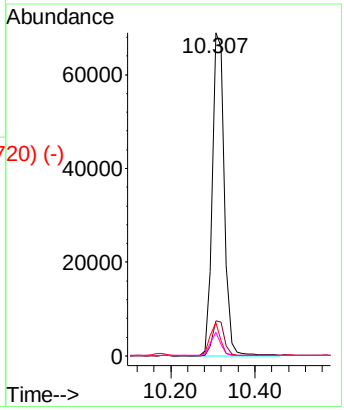


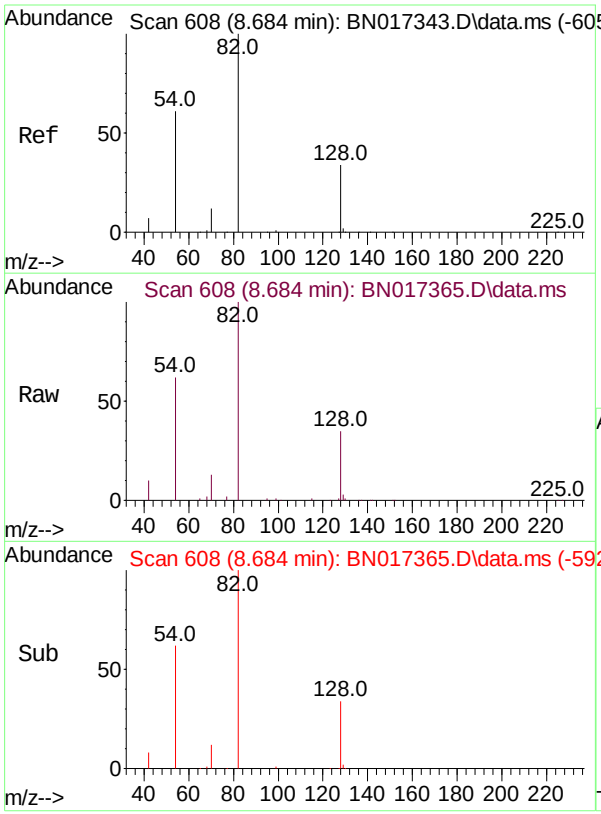
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.307 min Scan# 736
Delta R.T. -0.000 min
Lab File: BN017365.D
Acq: 10 Nov 2021 01:49

Instrument :
BNA_N
ClientSampleId :
PB140531BS

Tgt Ion:136 Resp: 135623

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	10.2	4.0	6.0#
68	7.2	3.0	4.6#

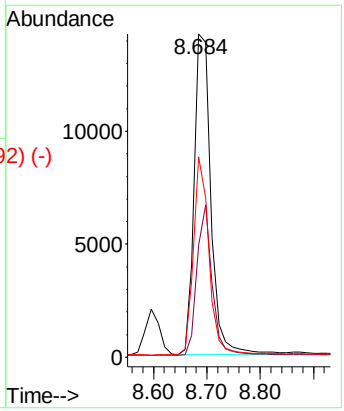


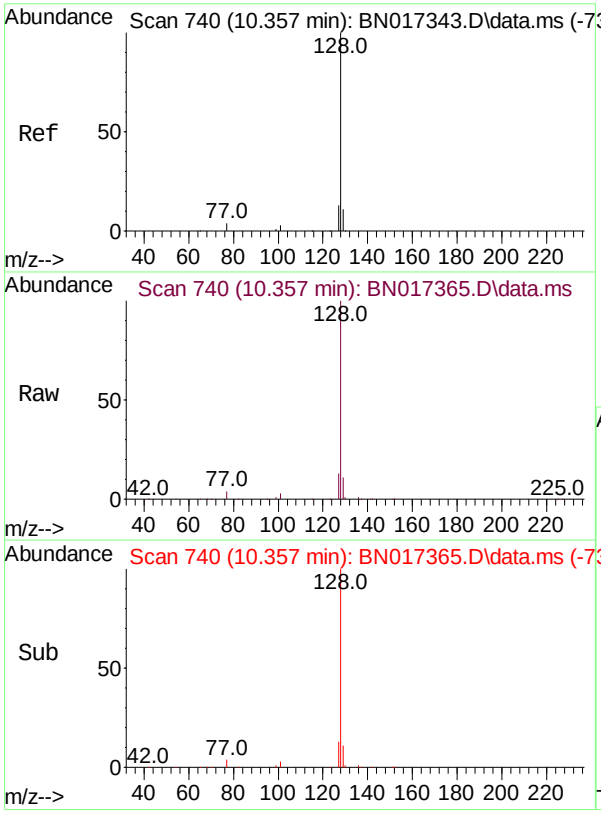


#8
Nitrobenzene-d5
Concen: 0.380 ng
RT: 8.684 min Scan# 608
Delta R.T. -0.000 min
Lab File: BN017365.D
Acq: 10 Nov 2021 01:49

Tgt Ion: 82 Resp: 30887

Ion	Ratio	Lower	Upper
82	100		
128	34.7	27.7	41.5
54	62.0	49.2	73.8



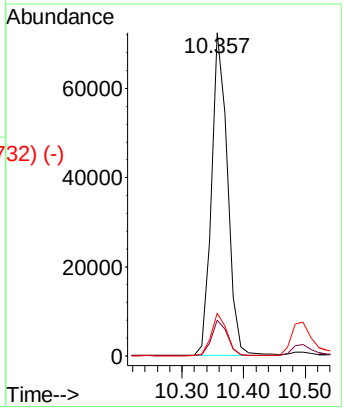


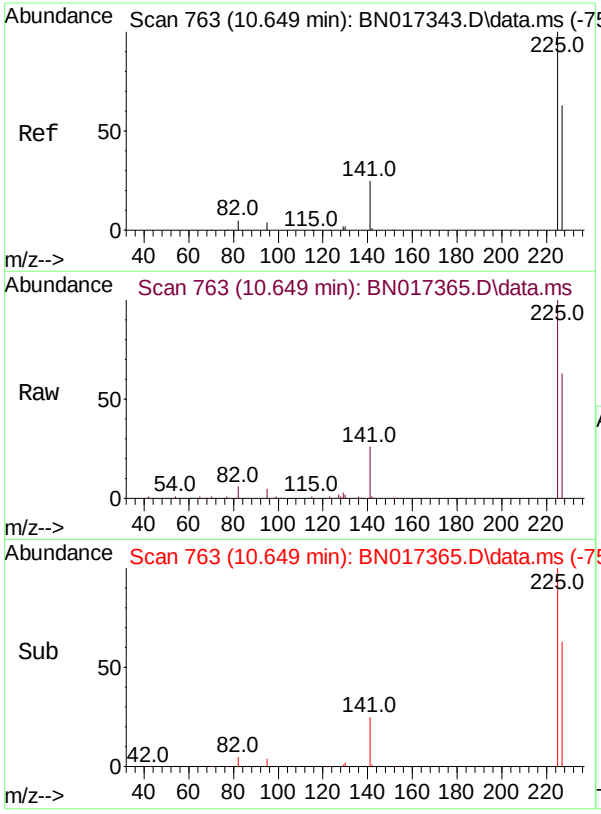
#9
Naphthalene
Concen: 0.365 ng
RT: 10.357 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN017365.D
Acq: 10 Nov 2021 01:49

Instrument :
BNA_N
ClientSampleId :
PB140531BS

Tgt Ion:128 Resp: 130477

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.2	10.6	15.8

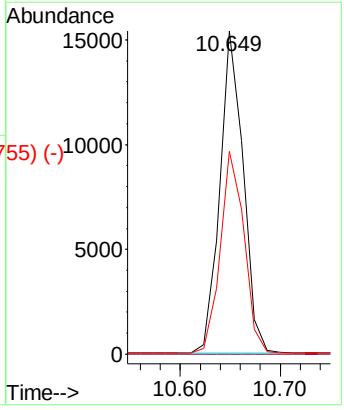


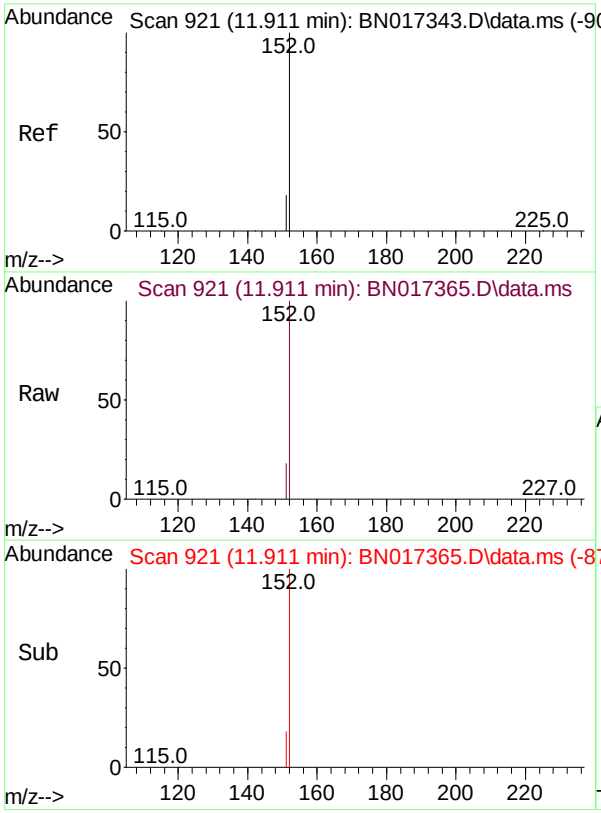


#10
Hexachlorobutadiene
Concen: 0.359 ng
RT: 10.649 min Scan# 763
Delta R.T. -0.000 min
Lab File: BN017365.D
Acq: 10 Nov 2021 01:49

Tgt Ion:225 Resp: 25156

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	51.1	76.7



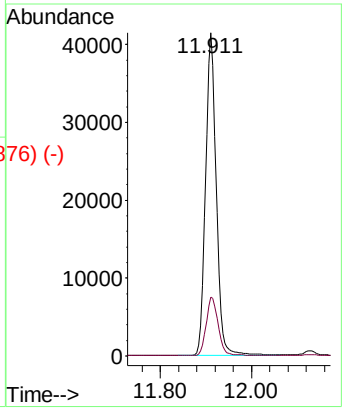


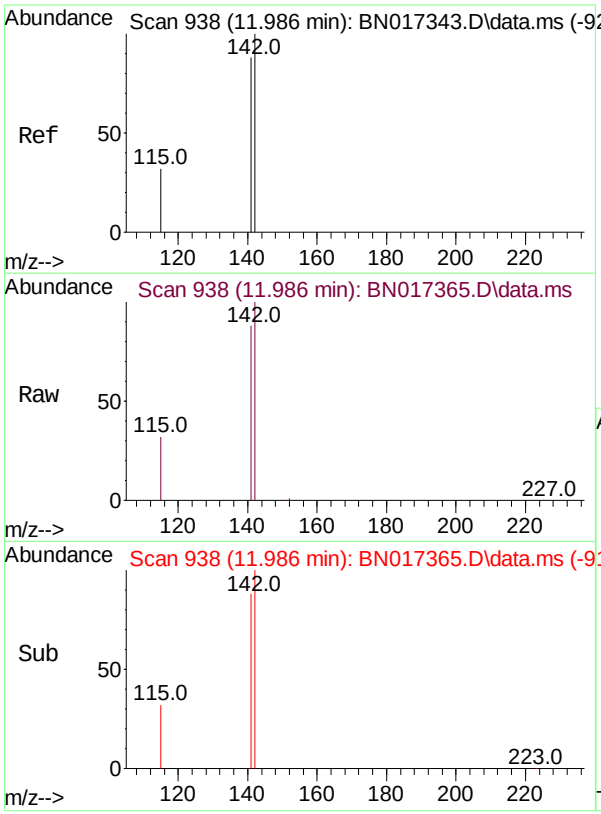
#11
2-Methylnaphthalene-d10
Concen: 0.336 ng
RT: 11.911 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN017365.D
Acq: 10 Nov 2021 01:49

Instrument :
BNA_N
ClientSampleId :
PB140531BS

Tgt Ion:152 Resp: 67081

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4

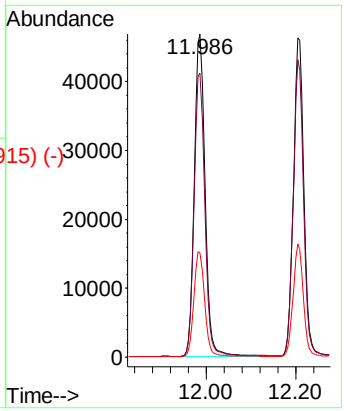


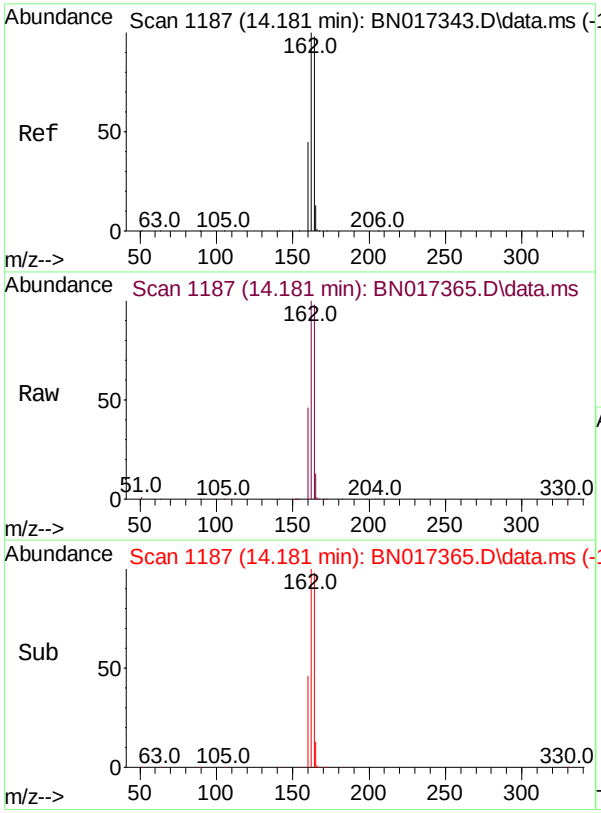


#12
2-Methylnaphthalene
Concen: 0.329 ng
RT: 11.986 min Scan# 938
Delta R.T. 0.004 min
Lab File: BN017365.D
Acq: 10 Nov 2021 01:49

Tgt Ion:142 Resp: 77476

Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.6	106.0
115	32.3	25.8	38.6



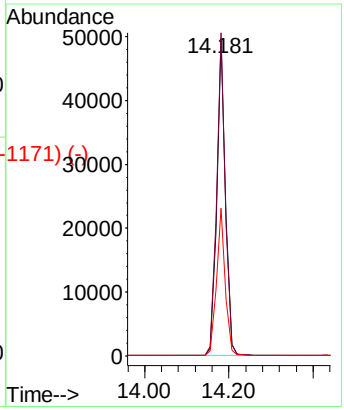


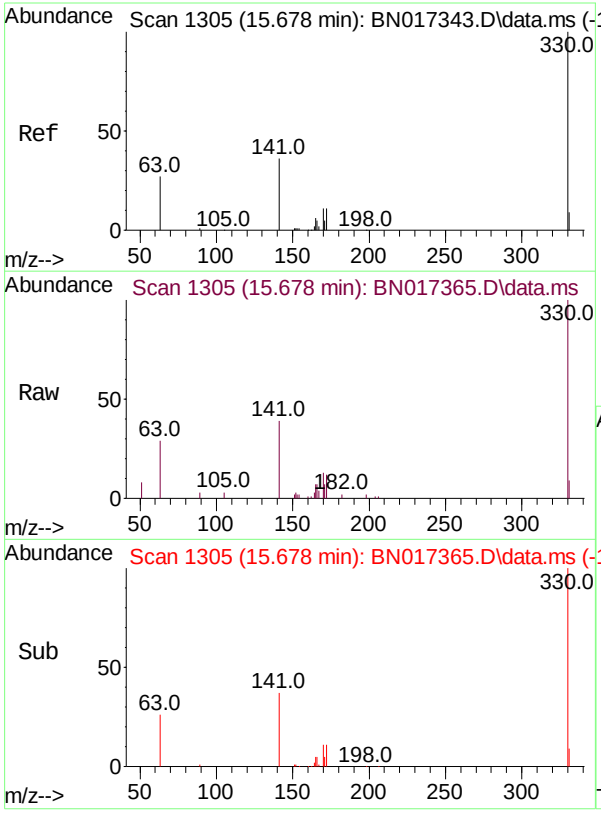
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017365.D
Acq: 10 Nov 2021 01:49

Instrument :
BNA_N
ClientSampleId :
PB140531BS

Tgt Ion:164 Resp: 71359

Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.4	122.2
160	46.6	36.8	55.2

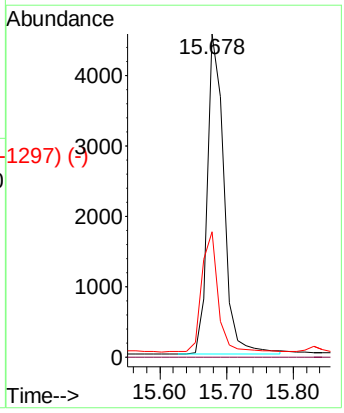


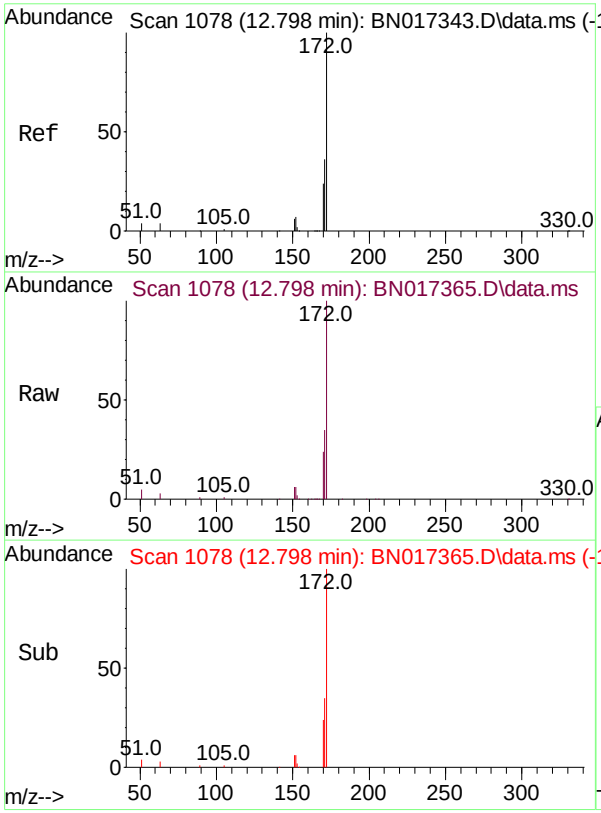


#14
2,4,6-Tribromophenol
Concen: 0.293 ng
RT: 15.678 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BN017365.D
Acq: 10 Nov 2021 01:49

Tgt Ion:330 Resp: 7811

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	37.1	28.9	43.3



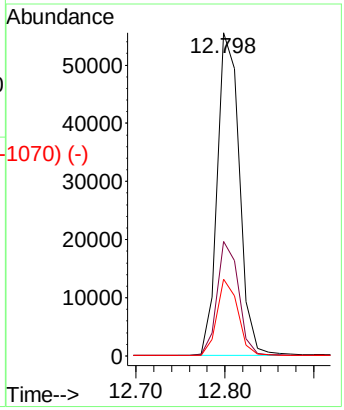


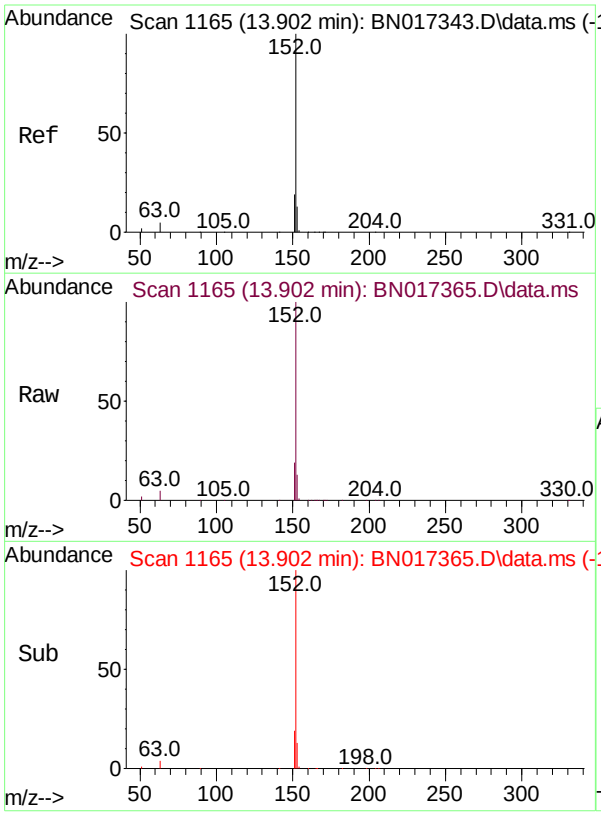
#14
2-Fluorobiphenyl
Concen: 0.355 ng
RT: 12.798 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017365.D
Acq: 10 Nov 2021 01:49

Instrument :
BNA_N
ClientSampleId :
PB140531BS

Tgt Ion:172 Resp: 96454

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.7	43.1
170	23.8	19.4	29.2

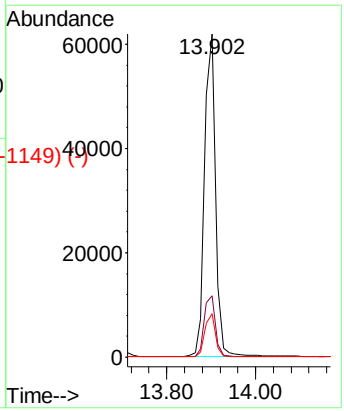


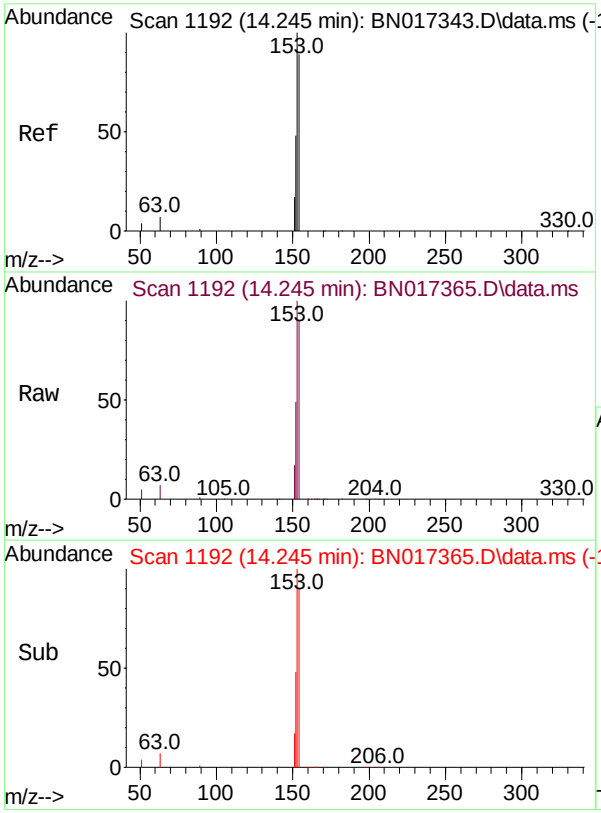


#16
Acenaphthylene
Concen: 0.363 ng
RT: 13.902 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BN017365.D
Acq: 10 Nov 2021 01:49

Tgt Ion:152 Resp: 105592

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3
153	13.1	10.4	15.6



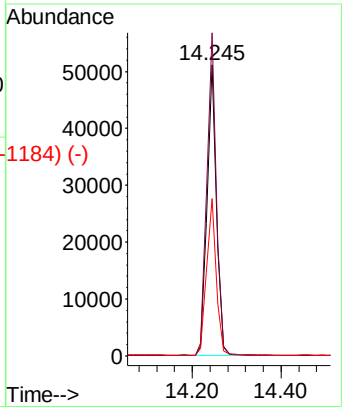


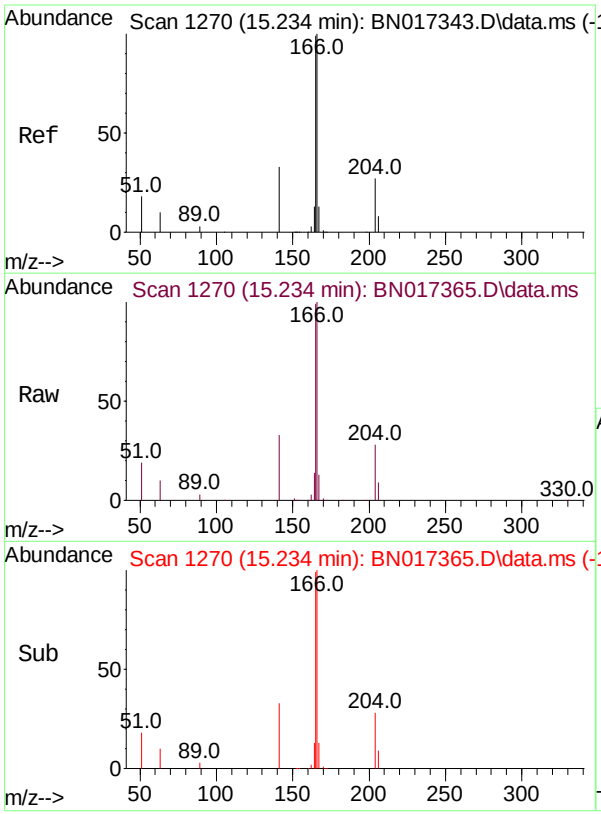
#47
Acenaphthene
Concen: 0.368 ng
RT: 14.245 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017365.D
Acq: 10 Nov 2021 01:49

Instrument :
BNA_N
ClientSampleId :
PB140531BS

Tgt Ion:154 Resp: 73643

Ion	Ratio	Lower	Upper
154	100		
153	112.6	91.2	136.8
152	55.5	44.3	66.5

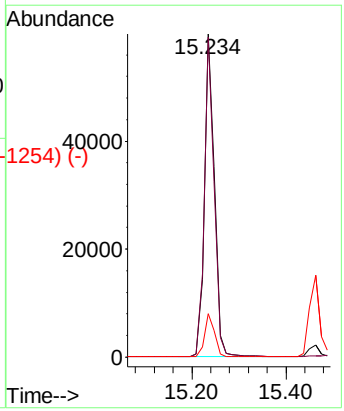


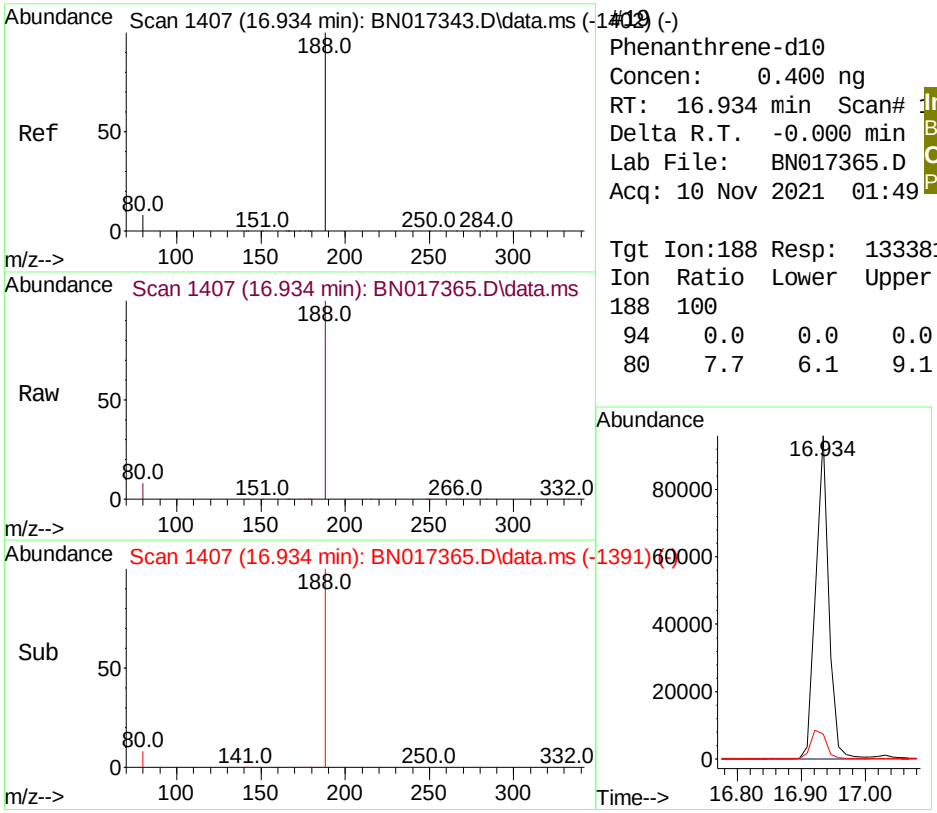


#48
Fluorene
Concen: 0.368 ng
RT: 15.234 min Scan# 1270
Delta R.T. -0.000 min
Lab File: BN017365.D
Acq: 10 Nov 2021 01:49

Tgt Ion:166 Resp: 88038

Ion	Ratio	Lower	Upper
166	100		
165	97.8	77.9	116.9
167	13.5	10.9	16.3



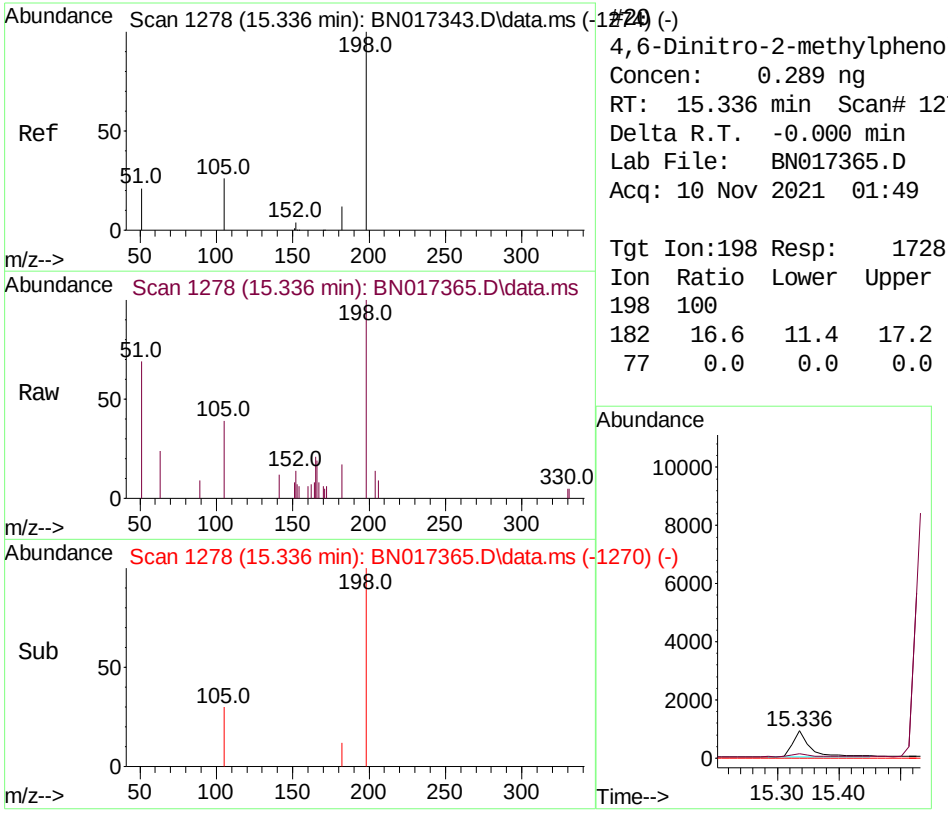


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.934 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017365.D
Acq: 10 Nov 2021 01:49

Instrument :
BNA_N
ClientSampleId :
PB140531BS

Tgt Ion:188 Resp: 133381

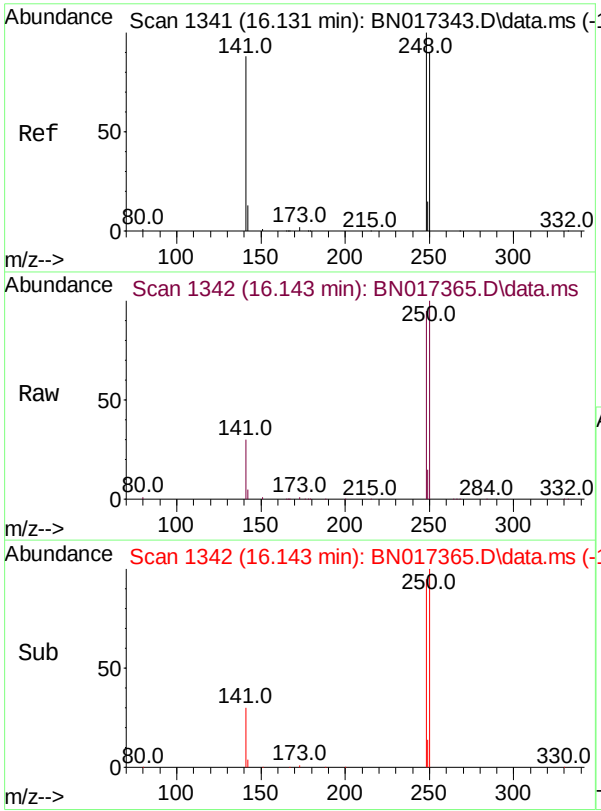
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.7	6.1	9.1



#20
4,6-Dinitro-2-methylphenol
Concen: 0.289 ng
RT: 15.336 min Scan# 1278
Delta R.T. -0.000 min
Lab File: BN017365.D
Acq: 10 Nov 2021 01:49

Tgt Ion:198 Resp: 1728

Ion	Ratio	Lower	Upper
198	100		
182	16.6	11.4	17.2
77	0.0	0.0	0.0

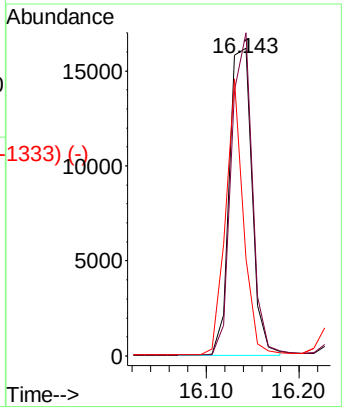


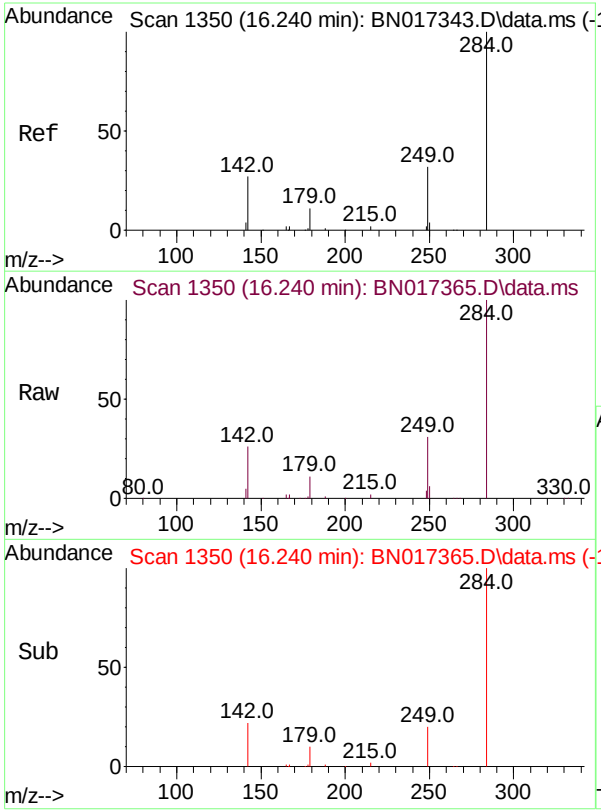
#21
4-Bromophenyl-phenylether
Concen: 0.365 ng
RT: 16.143 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN017365.D
Acq: 10 Nov 2021 01:49

Instrument :
BNA_N
ClientSampleId :
PB140531BS

Tgt Ion:248 Resp: 27263

Ion	Ratio	Lower	Upper
248	100		
250	104.9	71.8	107.8
141	31.5	70.9	106.3#

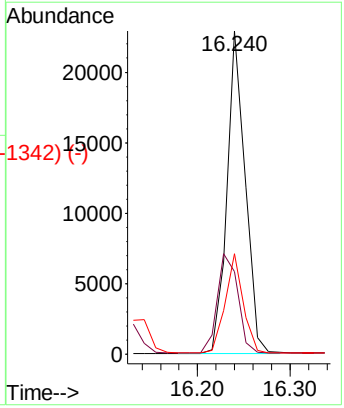


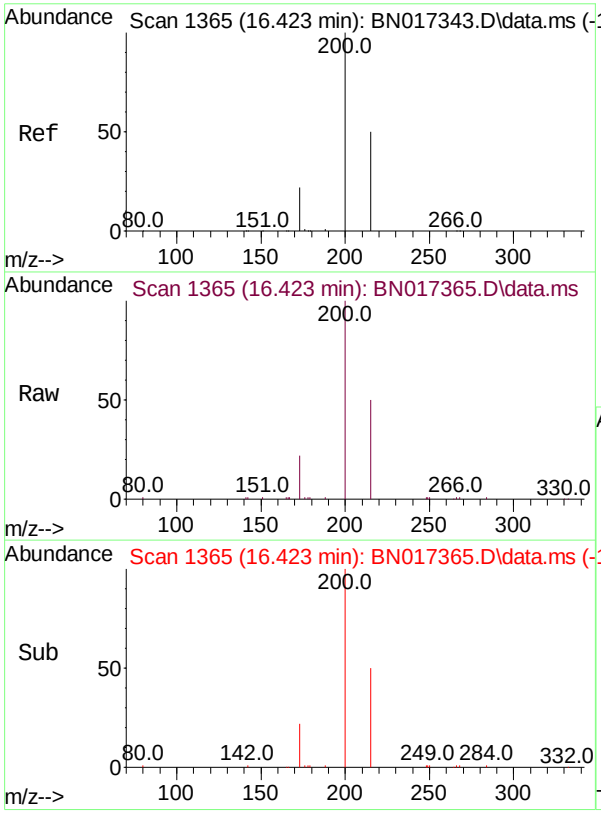


#22
Hexachlorobenzene
Concen: 0.372 ng
RT: 16.240 min Scan# 1350
Delta R.T. -0.000 min
Lab File: BN017365.D
Acq: 10 Nov 2021 01:49

Tgt Ion:284 Resp: 31165

Ion	Ratio	Lower	Upper
284	100		
142	35.1	28.2	42.2
249	30.3	24.4	36.6



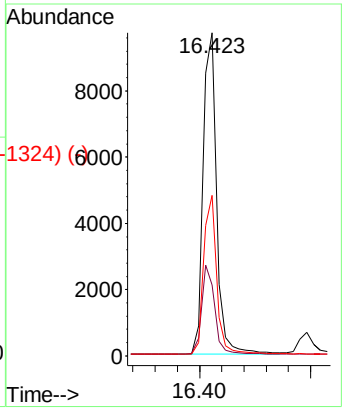


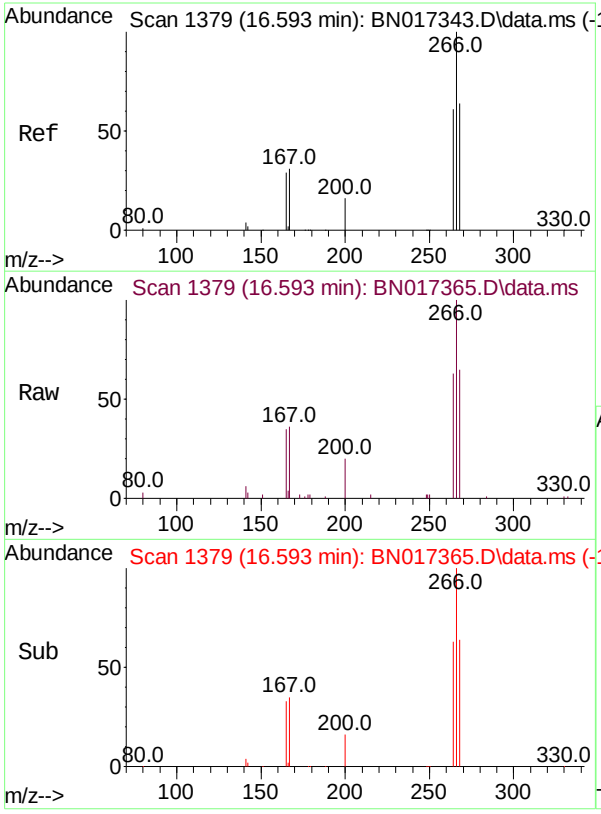
#20
Atrazine
Concen: 0.325 ng
RT: 16.423 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017365.D
Acq: 10 Nov 2021 01:49

Instrument :
BNA_N
ClientSampleId :
PB140531BS

Tgt Ion:200 Resp: 16435

Ion	Ratio	Lower	Upper
200	100		
173	22.0	17.6	26.4
215	49.6	40.2	60.4

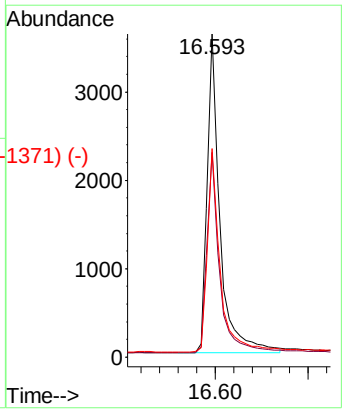


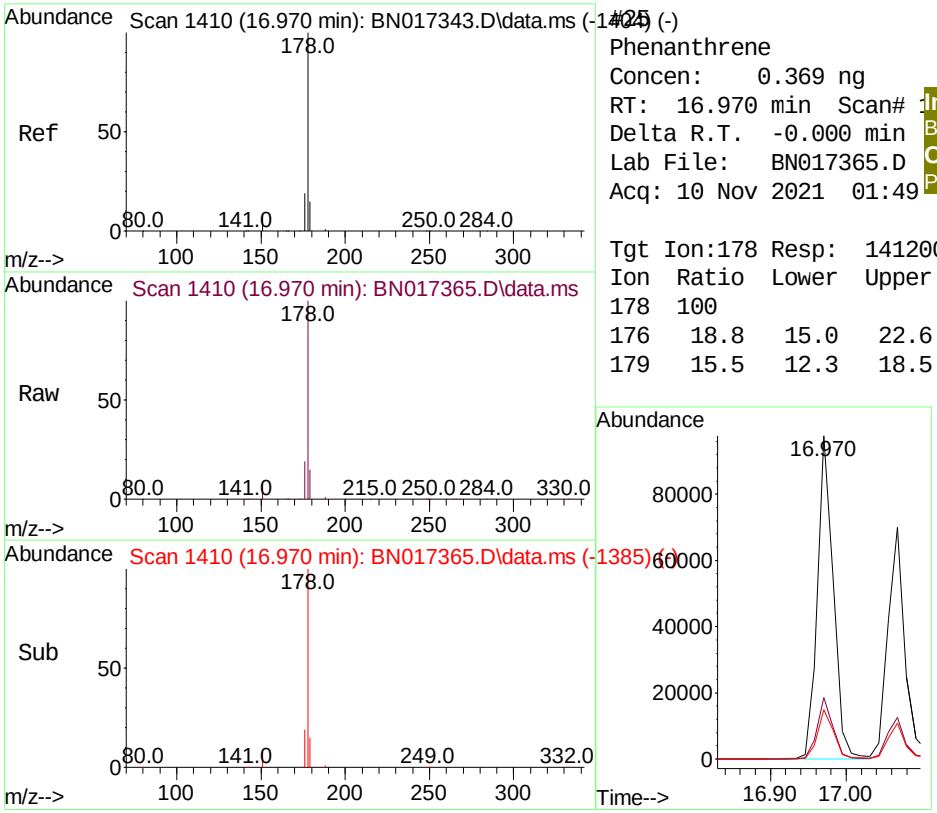


#24
Pentachlorophenol
Concen: 0.385 ng
RT: 16.593 min Scan# 1379
Delta R.T. -0.000 min
Lab File: BN017365.D
Acq: 10 Nov 2021 01:49

Tgt Ion:266 Resp: 6841

Ion	Ratio	Lower	Upper
266	100		
264	62.4	49.8	74.8
268	63.5	51.3	76.9



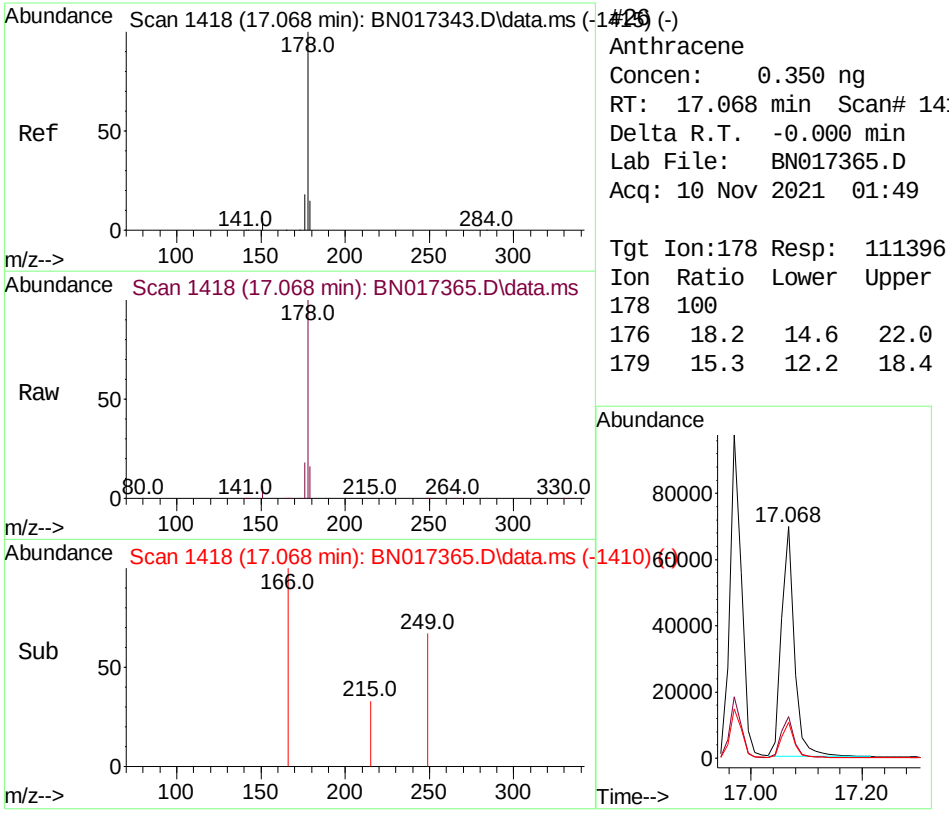


#25
Phenanthrene
Concen: 0.369 ng
RT: 16.970 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017365.D
Acq: 10 Nov 2021 01:49

Instrument :
BNA_N
ClientSampleId :
PB140531BS

Tgt Ion:178 Resp: 141200

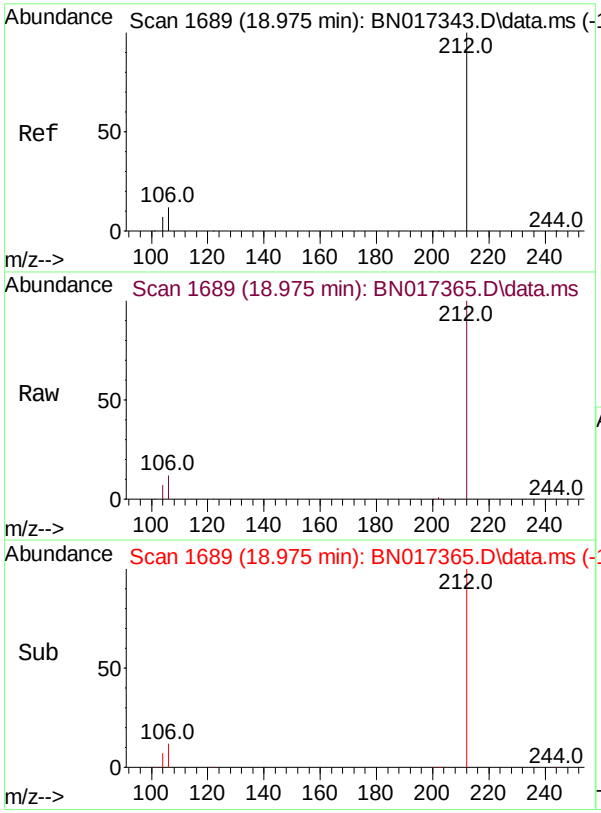
Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.5	12.3	18.5



#26
Anthracene
Concen: 0.350 ng
RT: 17.068 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BN017365.D
Acq: 10 Nov 2021 01:49

Tgt Ion:178 Resp: 111396

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	22.0
179	15.3	12.2	18.4

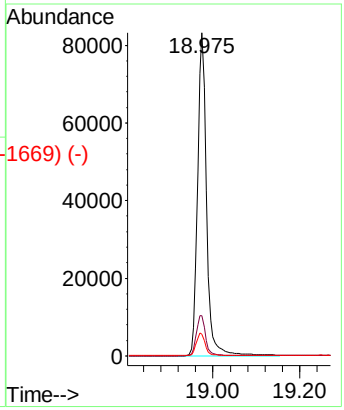


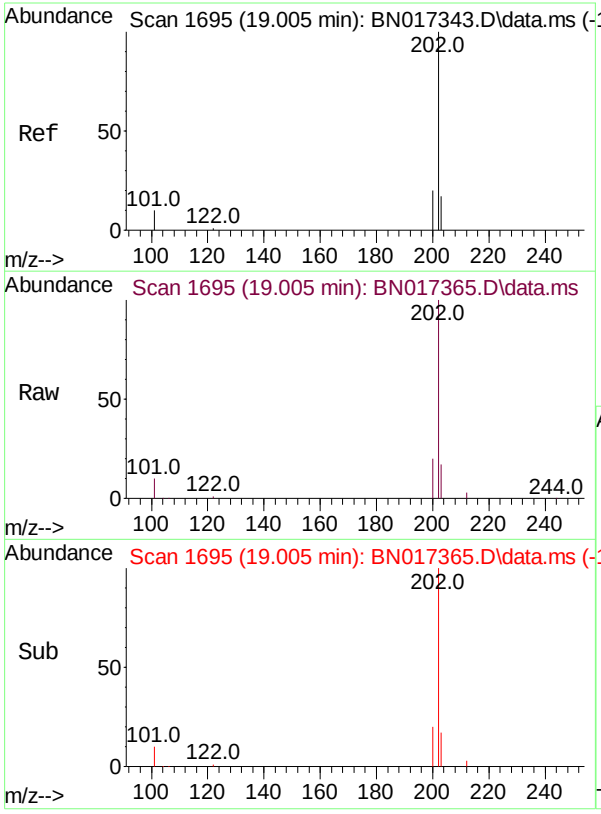
#27
Fluoranthene-d10
Concen: 0.353 ng
RT: 18.975 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017365.D
Acq: 10 Nov 2021 01:49

Instrument :
BNA_N
ClientSampleId :
PB140531BS

Tgt Ion:212 Resp: 119987

Ion	Ratio	Lower	Upper
212	100		
106	12.9	10.5	15.7
104	7.2	5.8	8.6

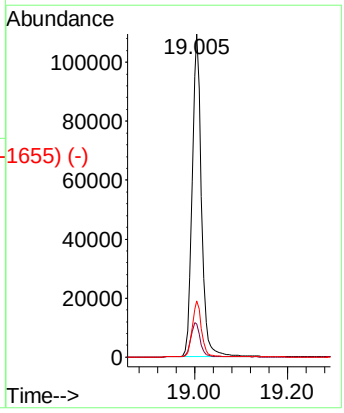


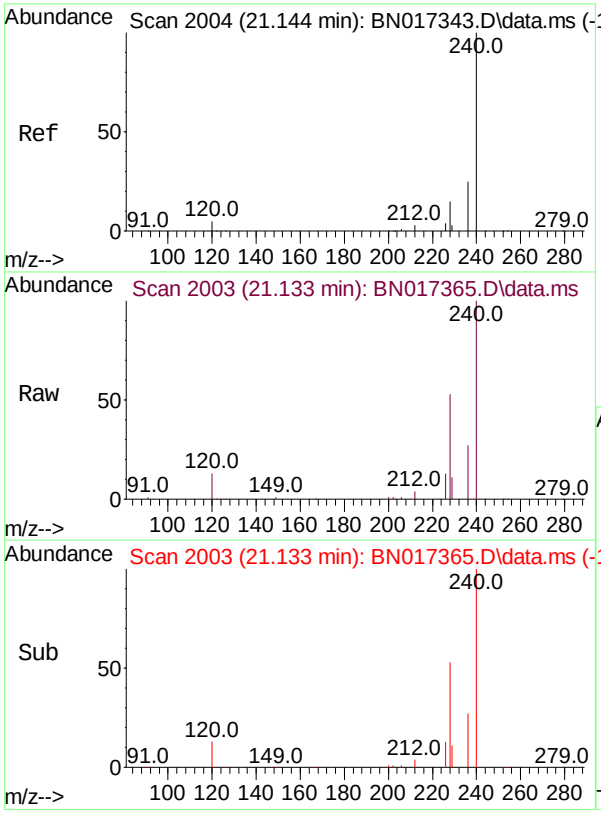


#28
Fluoranthene
Concen: 0.369 ng
RT: 19.005 min Scan# 1695
Delta R.T. -0.000 min
Lab File: BN017365.D
Acq: 10 Nov 2021 01:49

Tgt Ion:202 Resp: 152197

Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.9	13.3
203	17.3	13.8	20.6



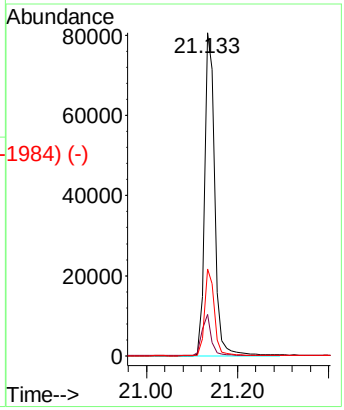


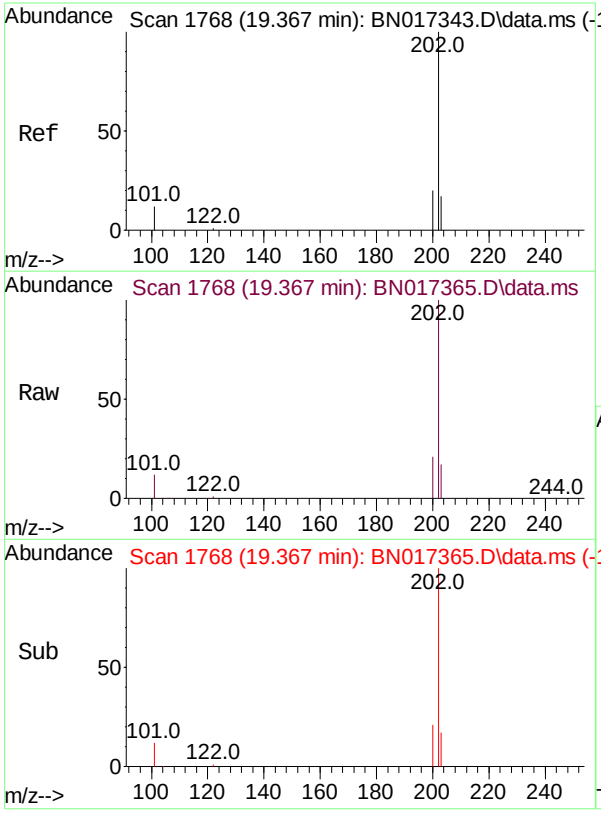
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017365.D
Acq: 10 Nov 2021 01:49

Instrument :
BNA_N
ClientSampleId :
PB140531BS

Tgt Ion:240 Resp: 123692

Ion	Ratio	Lower	Upper
240	100		
120	12.8	4.2	6.2#
236	27.0	20.0	30.0

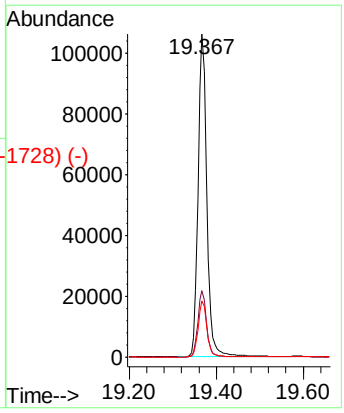


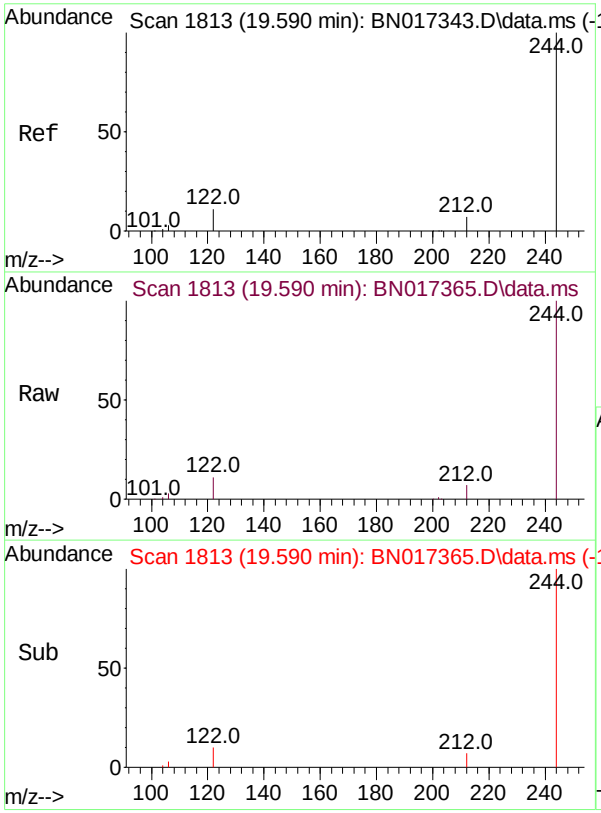


#30
Pyrene
Concen: 0.376 ng
RT: 19.367 min Scan# 1768
Delta R.T. -0.000 min
Lab File: BN017365.D
Acq: 10 Nov 2021 01:49

Tgt Ion:202 Resp: 150234

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	17.5	14.0	21.0



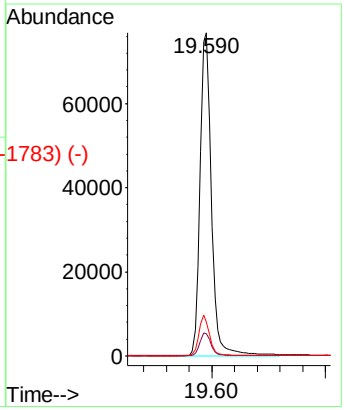


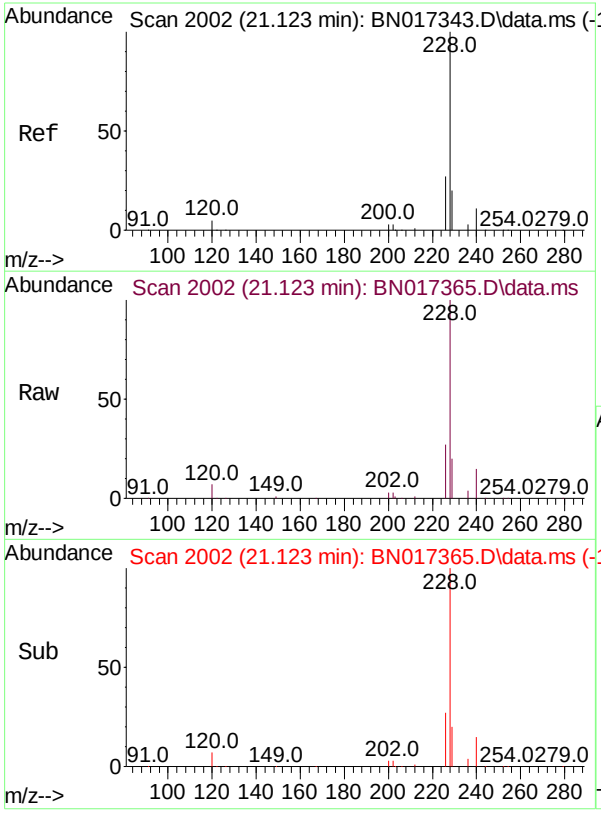
#31
Terphenyl-d14
Concen: 0.383 ng
RT: 19.590 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017365.D
Acq: 10 Nov 2021 01:49

Instrument :
BNA_N
ClientSampleId :
PB140531BS

Tgt Ion:244 Resp: 105563

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	10.5	8.6	13.0

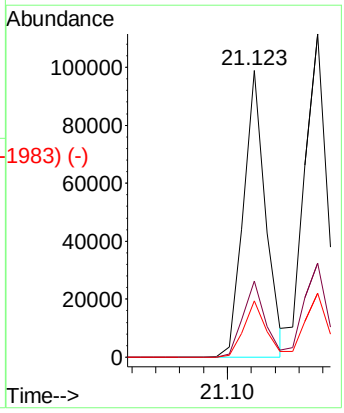


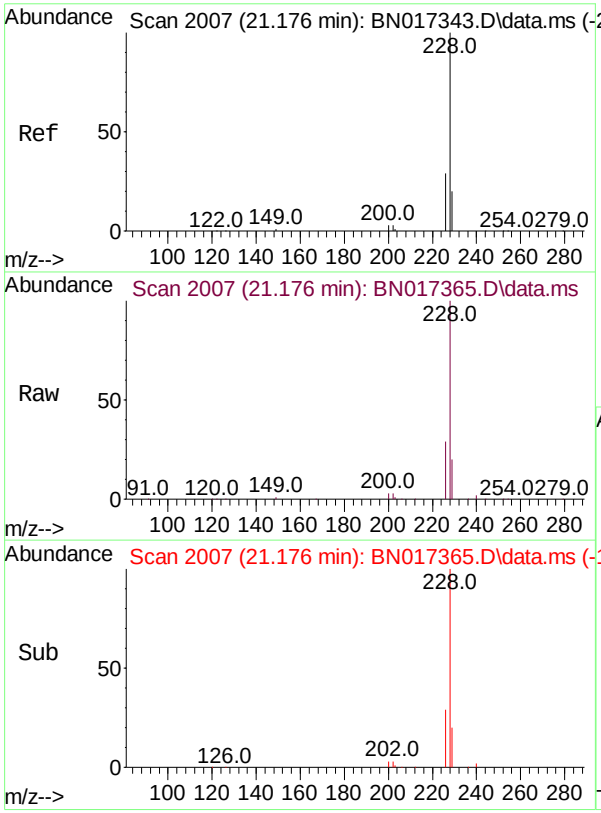


#32
Benzo(a)anthracene
Concen: 0.338 ng
RT: 21.123 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BN017365.D
Acq: 10 Nov 2021 01:49

Tgt Ion:228 Resp: 126730

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.3	31.9
229	19.7	15.7	23.5



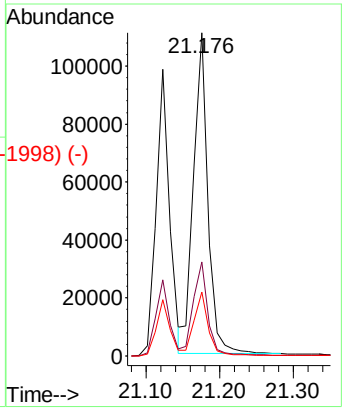


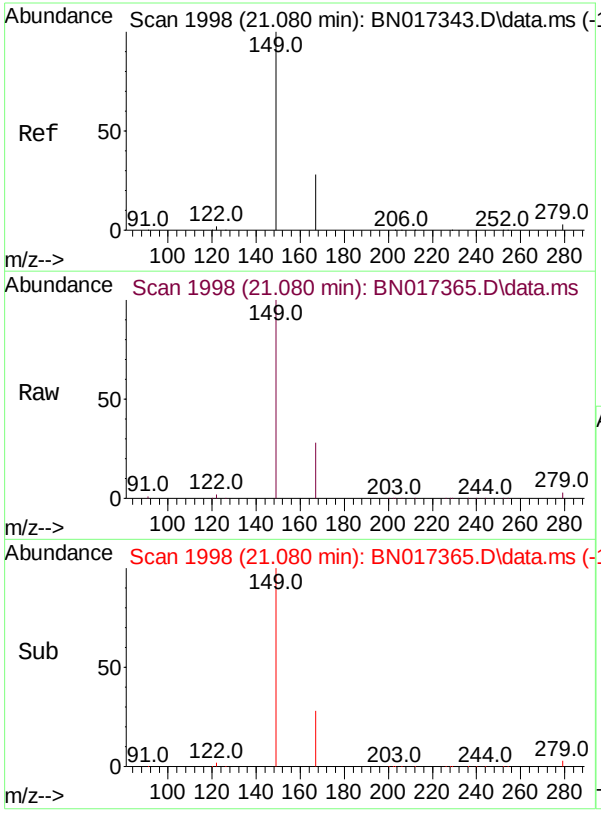
#33
Chrysene
Concen: 0.378 ng
RT: 21.176 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017365.D
Acq: 10 Nov 2021 01:49

Instrument :
BNA_N
ClientSampleId :
PB140531BS

Tgt Ion:228 Resp: 151144

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.3	34.9
229	19.7	15.6	23.4

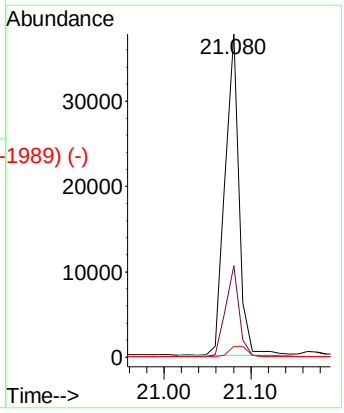


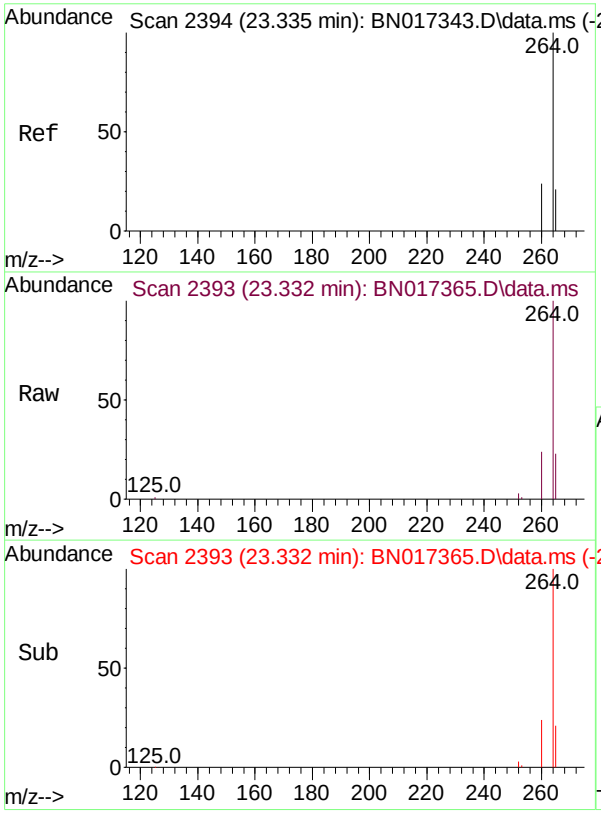


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.316 ng
RT: 21.080 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BN017365.D
Acq: 10 Nov 2021 01:49

Tgt Ion:149 Resp: 41857

Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.8	32.6
279	4.1	3.4	5.0



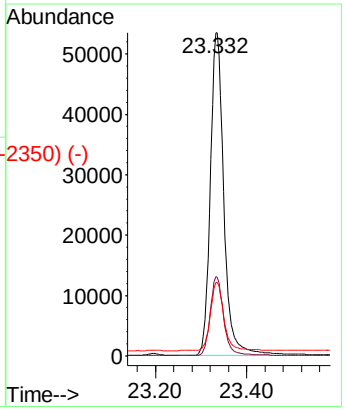


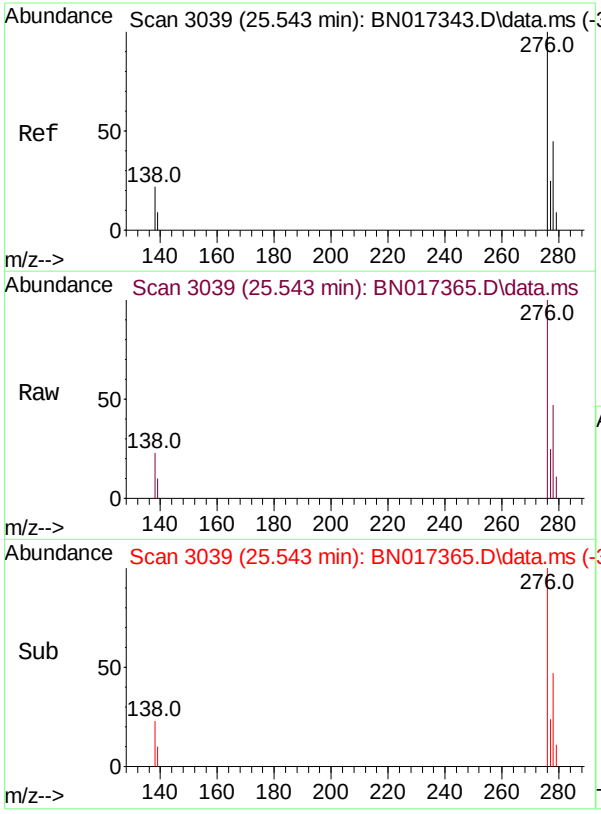
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.332 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN017365.D
Acq: 10 Nov 2021 01:49

Instrument :
BNA_N
ClientSampleId :
PB140531BS

Tgt Ion:264 Resp: 109361

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	22.7	18.6	28.0

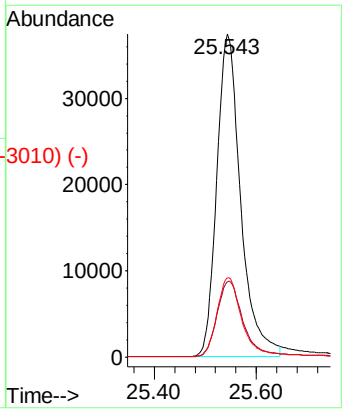


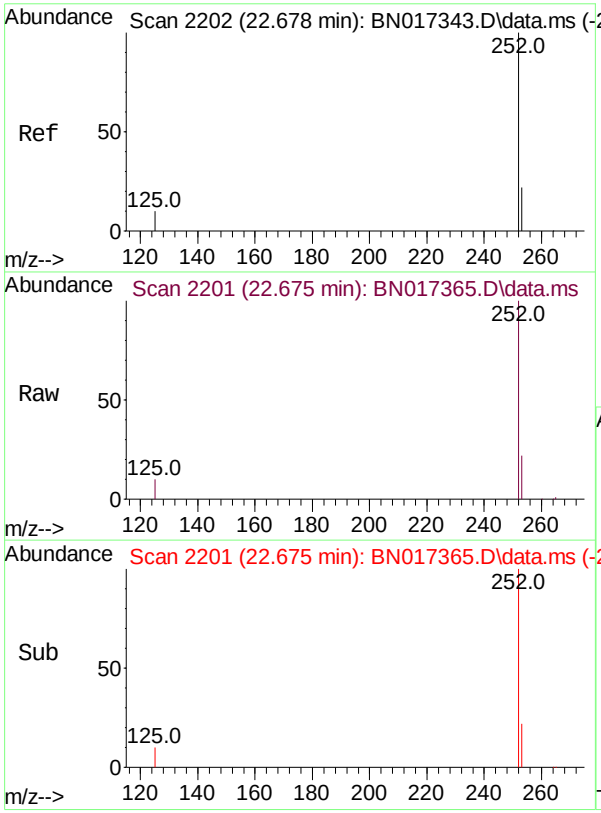


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.317 ng
RT: 25.543 min Scan# 3039
Delta R.T. -0.000 min
Lab File: BN017365.D
Acq: 10 Nov 2021 01:49

Tgt Ion:276 Resp: 121195

Ion	Ratio	Lower	Upper
276	100		
138	25.1	19.7	29.5
277	25.1	20.0	30.0



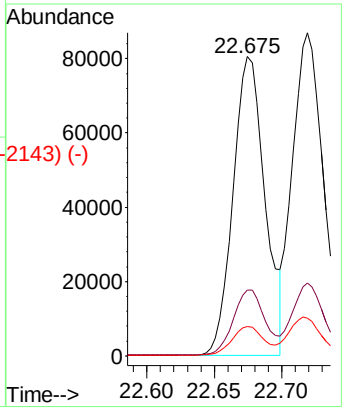


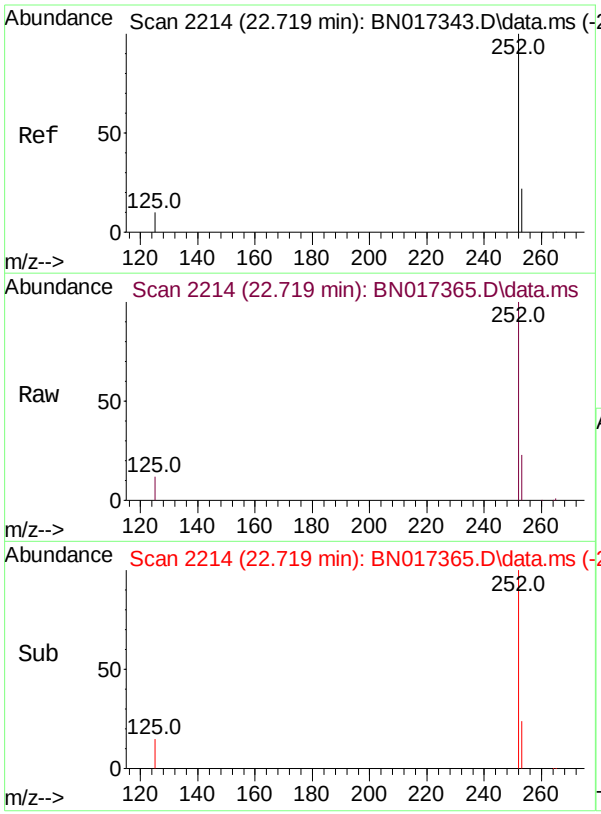
#37
Benzo(b)fluoranthene
Concen: 0.371 ng
RT: 22.675 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN017365.D
Acq: 10 Nov 2021 01:49

Instrument :
BNA_N
ClientSampleId :
PB140531BS

Tgt Ion:252 Resp: 132488

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	9.9	7.8	11.8

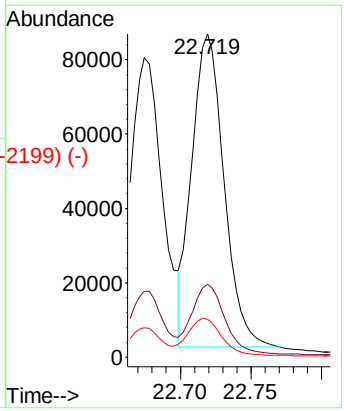


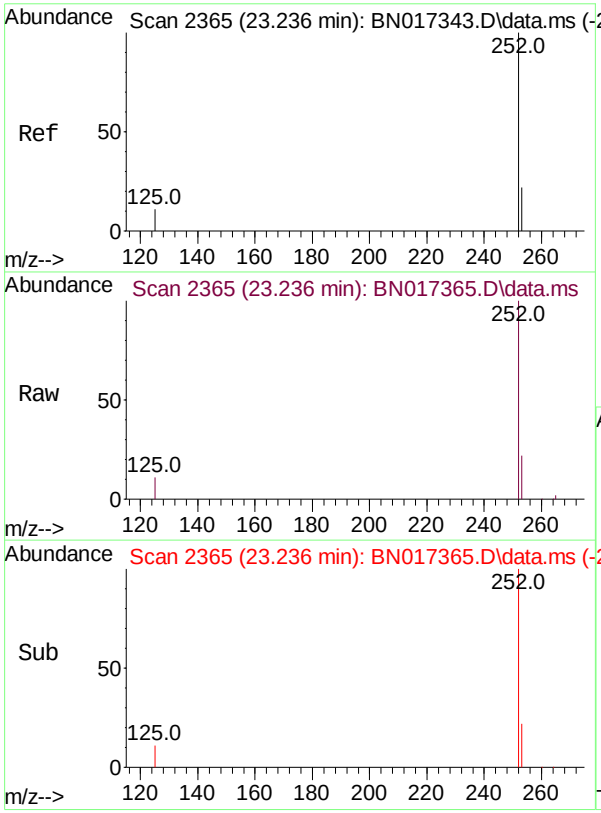


#38
Benzo(k)fluoranthene
Concen: 0.374 ng
RT: 22.719 min Scan# 2214
Delta R.T. -0.000 min
Lab File: BN017365.D
Acq: 10 Nov 2021 01:49

Tgt Ion:252 Resp: 133777

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	11.8	8.2	12.2



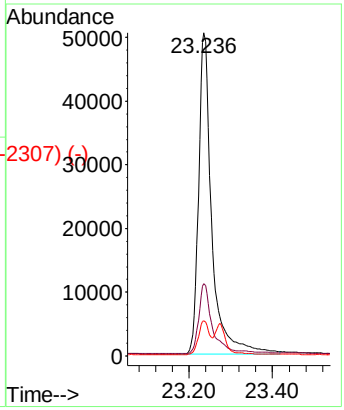


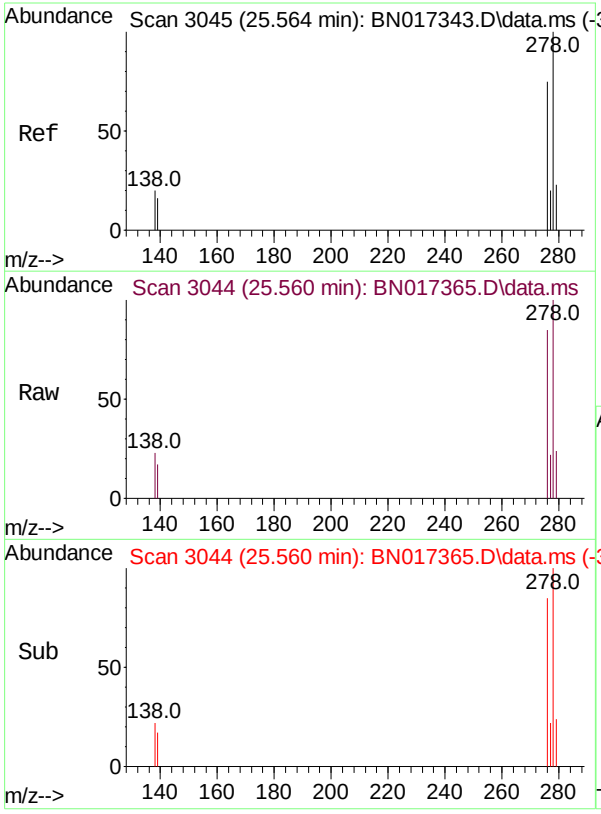
#39
Benzo(a)pyrene
Concen: 0.350 ng
RT: 23.236 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN017365.D
Acq: 10 Nov 2021 01:49

Instrument :
BNA_N
ClientSampleId :
PB140531BS

Tgt Ion:252 Resp: 110914

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	10.9	9.2	13.8

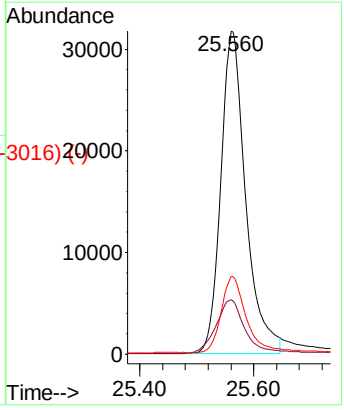


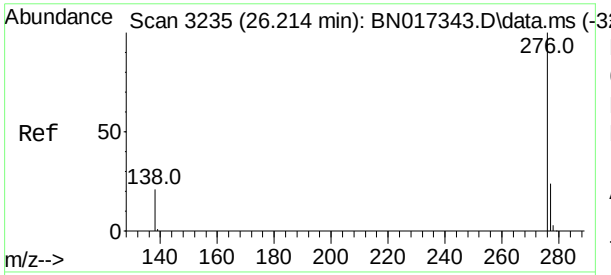


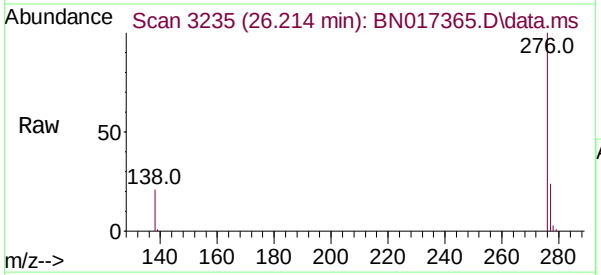
#40
Dibenzo(a,h)anthracene
Concen: 0.310 ng
RT: 25.560 min Scan# 3044
Delta R.T. -0.004 min
Lab File: BN017365.D
Acq: 10 Nov 2021 01:49

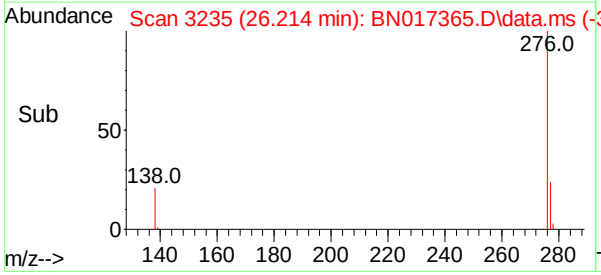
Tgt Ion:278 Resp: 95513

Ion	Ratio	Lower	Upper
278	100		
139	16.9	13.0	19.6
279	24.1	19.2	28.8









#47
Benzo(g,h,i)perylene
Concen: 0.307 ng
RT: 26.214 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN017365.D
Acq: 10 Nov 2021 01:49

Instrument :
BNA_N
ClientSampleId :
PB140531BS

Tgt Ion:276 Resp: 101888

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.0	28.4
138	20.9	17.1	25.7