Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120921\
Data File : BN017852.D
Acq On : 10 Dec 2021 02:54
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Dec 10 06:50:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 08 01:18:09 2021
Response via : Initial Calibration

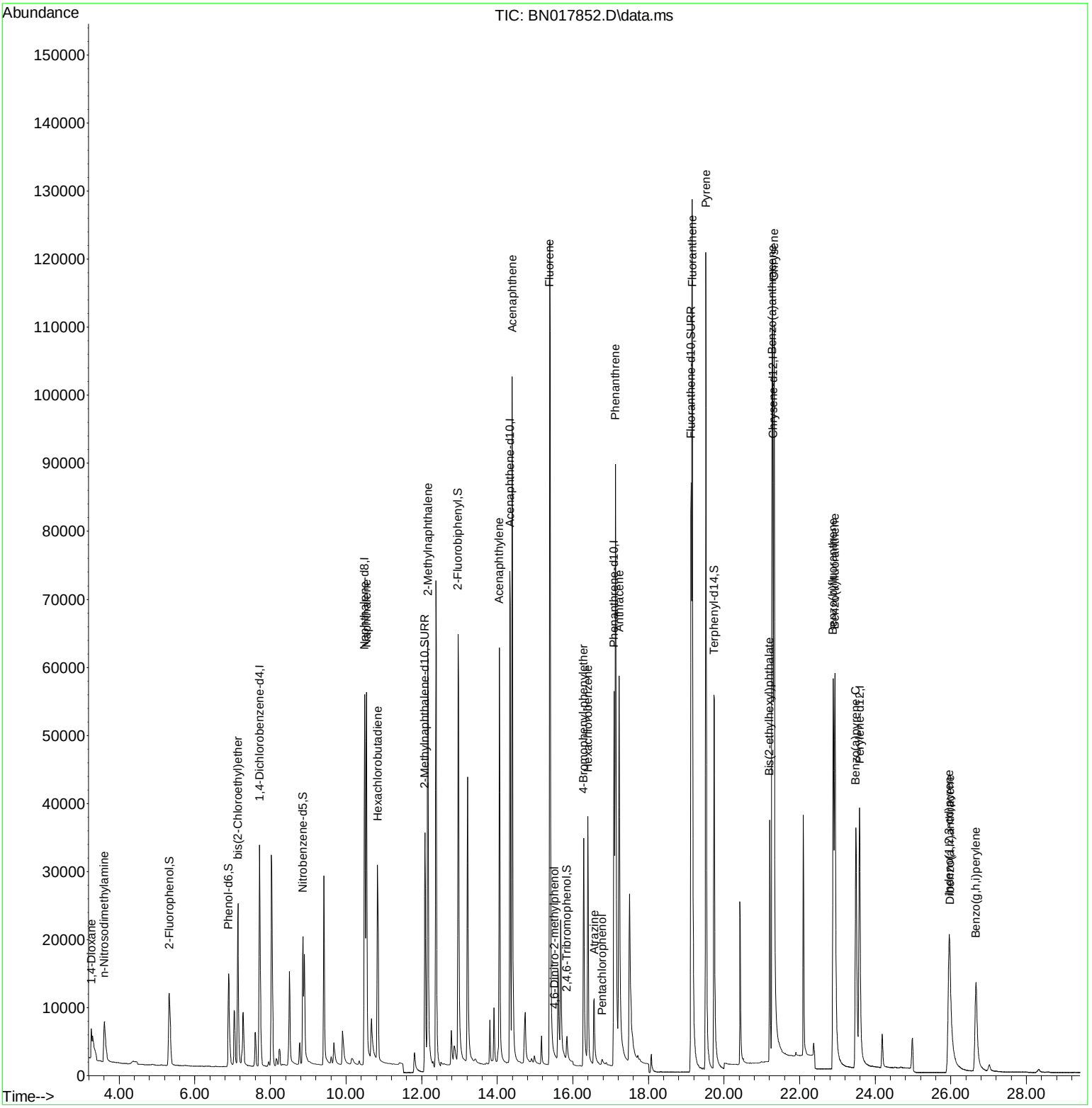
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.714	152	21201	0.40	ng		0.00
7) Naphthalene-d8	10.494	136	83810	0.40	ng		0.00
13) Acenaphthene-d10	14.334	164	52721	0.40	ng		-0.01
19) Phenanthrene-d10	17.092	188	105089	0.40	ng	#	0.00
29) Chrysene-d12	21.293	240	89393	0.40	ng	#	0.00
35) Perylene-d12	23.585	264	66648	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.326	112	17414	0.34	ng		0.00
5) Phenol-d6	6.894	99	16693	0.34	ng		0.00
8) Nitrobenzene-d5	8.859	82	19247	0.35	ng		0.00
11) 2-Methylnaphthalene-d10	12.089	152	61034	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.844	330	4825	0.18	ng		0.00
15) 2-Fluorobiphenyl	12.964	172	76494	0.40	ng		0.00
27) Fluoranthene-d10	19.129	212	141346	0.40	ng		0.00
31) Terphenyl-d14	19.740	244	88987	0.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.261	88	2815	0.36	ng	#	100
3) n-Nitrosodimethylamine	3.602	42	7960	0.36	ng		97
6) bis(2-Chloroethyl)ether	7.143	93	21802	0.40	ng		99
9) Naphthalene	10.544	128	84944	0.39	ng		100
10) Hexachlorobutadiene	10.836	225	24846	0.39	ng	#	99
12) 2-Methylnaphthalene	12.165	142	58350	0.37	ng		100
16) Acenaphthylene	14.055	152	76085	0.37	ng		100
17) Acenaphthene	14.398	154	56590	0.41	ng		100
18) Fluorene	15.387	166	68133	0.39	ng		99
20) 4,6-Dinitro-2-methylph...	15.514	198	113	0.18	ng	#	80
21) 4-Bromophenyl-phenylether	16.289	248	23763	0.37	ng		96
22) Hexachlorobenzene	16.398	284	33499	0.44	ng		99
23) Atrazine	16.569	200	14265	0.31	ng		95
24) Pentachlorophenol	16.776	266	1182	0.32	ng		98
25) Phenanthrene	17.129	178	111742	0.40	ng		100
26) Anthracene	17.226	178	89385	0.37	ng		100
28) Fluoranthene	19.159	202	143275	0.43	ng		100
30) Pyrene	19.521	202	142884	0.50	ng		100
32) Benzo(a)anthracene	21.271	228	98163	0.36	ng		100
33) Chrysene	21.325	228	115501	0.40	ng		100
34) Bis(2-ethylhexyl)phtha...	21.208	149	36125	0.29	ng		99
36) Indeno(1,2,3-cd)pyrene	25.950	276	45011	0.24	ng		99
37) Benzo(b)fluoranthene	22.887	252	86135	0.38	ng		99
38) Benzo(k)fluoranthene	22.935	252	87797	0.41	ng		100
39) Benzo(a)pyrene	23.486	252	76615	0.38	ng	#	94
40) Dibenzo(a,h)anthracene	25.974	278	27632	0.19	ng		97
41) Benzo(g,h,i)perylene	26.666	276	43085	0.28	ng		100

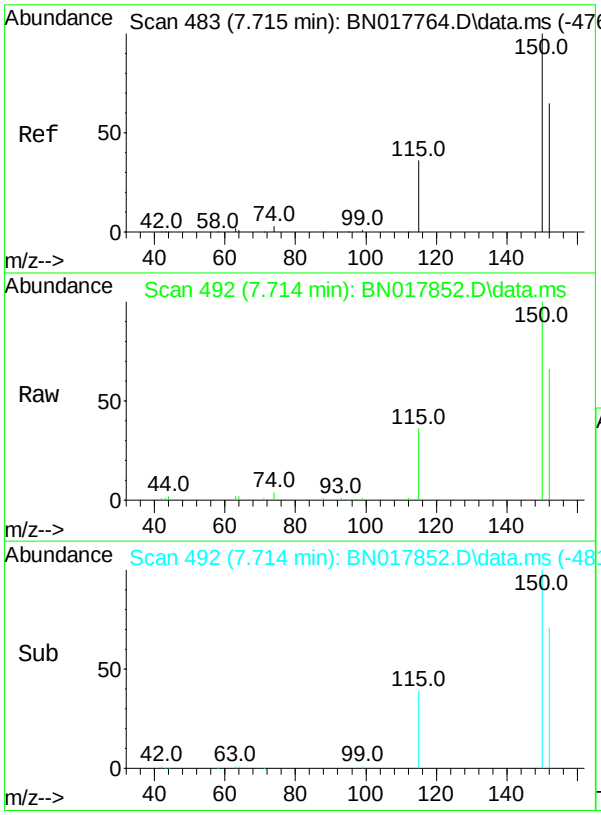
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120921\
Data File : BN017852.D
Acq On : 10 Dec 2021 02:54
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Dec 10 06:50:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 08 01:18:09 2021
Response via : Initial Calibration



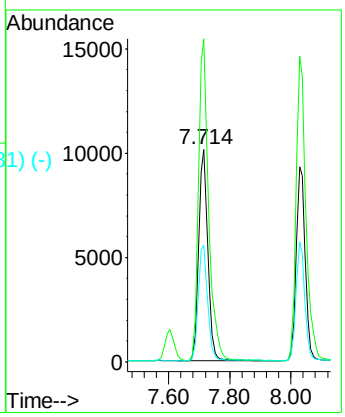


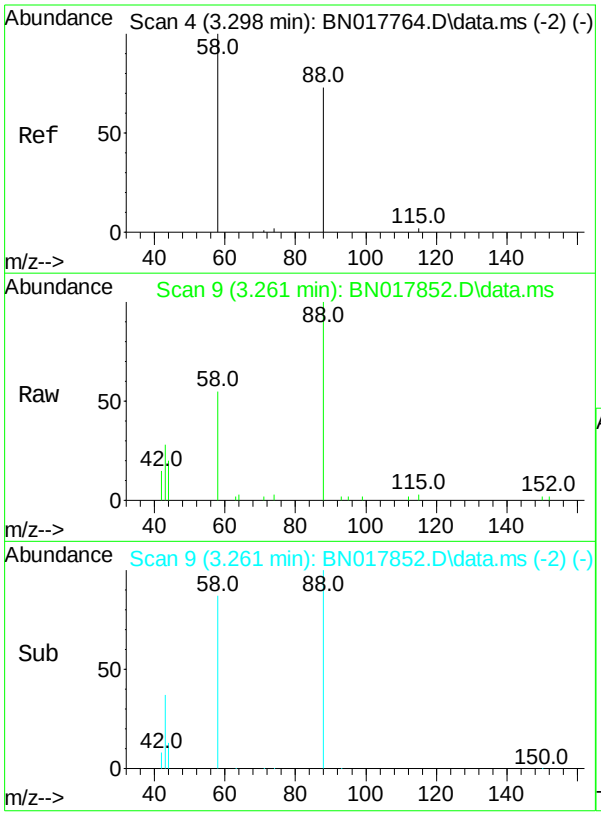
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.714 min Scan# 4
Delta R.T. -0.001 min
Lab File: BN017852.D
Acq: 10 Dec 2021 02:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 21201

Ion	Ratio	Lower	Upper
152	100		
150	152.0	123.0	184.4
115	55.1	45.3	67.9

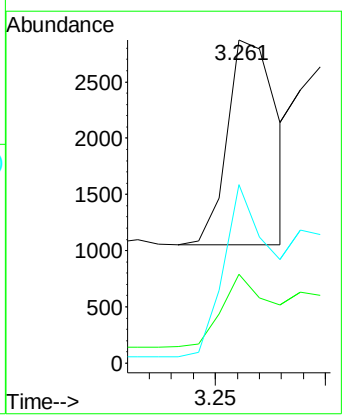


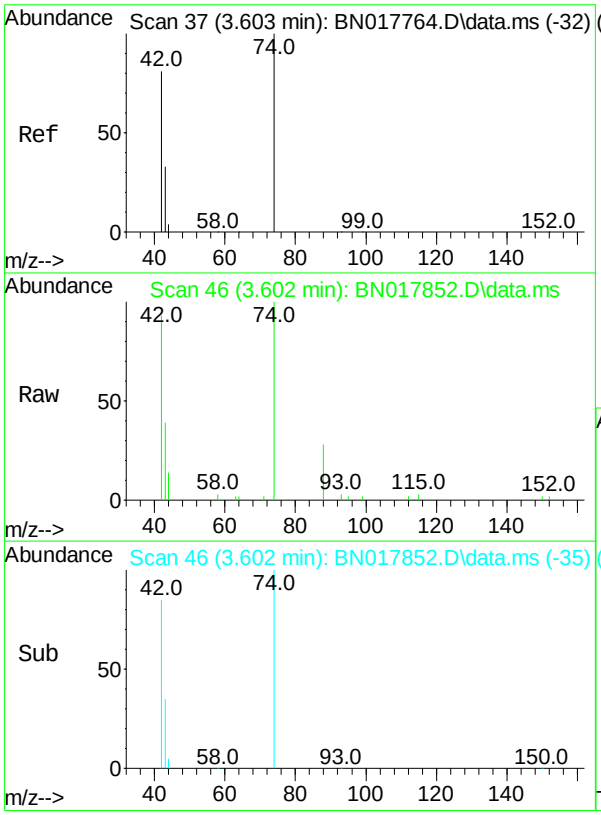


#2
1,4-Dioxane
Concen: 0.36 ng
RT: 3.261 min Scan# 9
Delta R.T. -0.038 min
Lab File: BN017852.D
Acq: 10 Dec 2021 02:54

Tgt Ion: 88 Resp: 2815

Ion	Ratio	Lower	Upper
88	100		
43	35.1	0.0	0.0#
58	80.7	0.0	0.0#



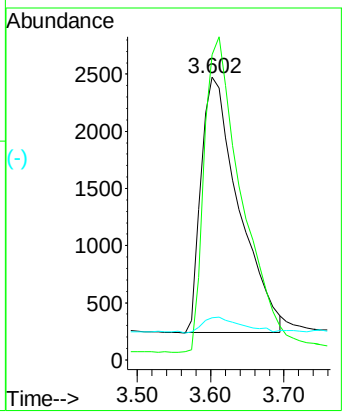


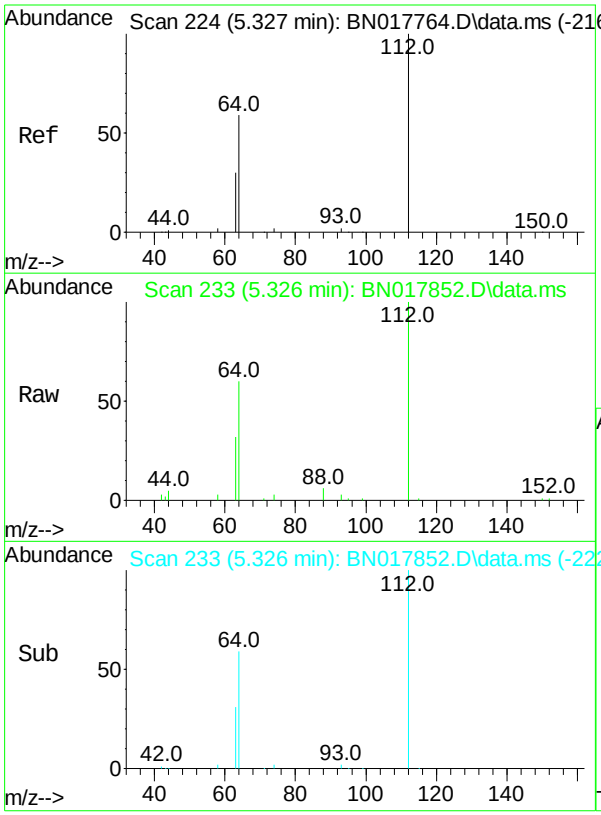
#3
n-Nitrosodimethylamine
Concen: 0.36 ng
RT: 3.602 min Scan# 4
Delta R.T. -0.001 min
Lab File: BN017852.D
Acq: 10 Dec 2021 02:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 7960

Ion	Ratio	Lower	Upper
42	100		
74	122.8	101.3	151.9
44	6.2	5.0	7.4

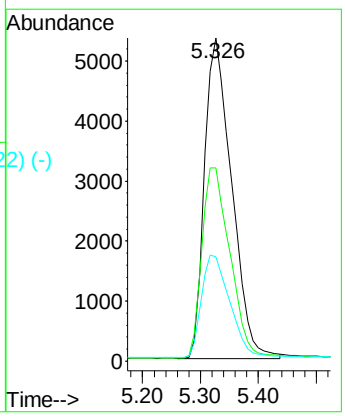


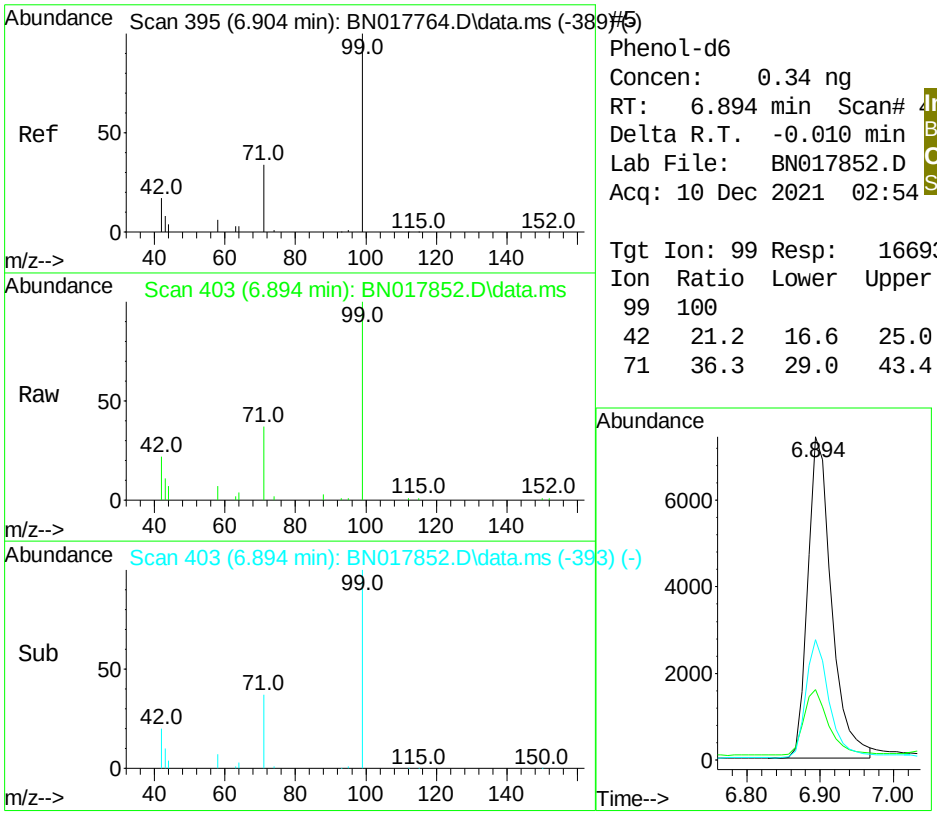


#4
2-Fluorophenol
Concen: 0.34 ng
RT: 5.326 min Scan# 233
Delta R.T. -0.001 min
Lab File: BN017852.D
Acq: 10 Dec 2021 02:54

Tgt Ion:112 Resp: 17414

Ion	Ratio	Lower	Upper
112	100		
64	61.3	49.3	73.9
63	33.1	25.8	38.8



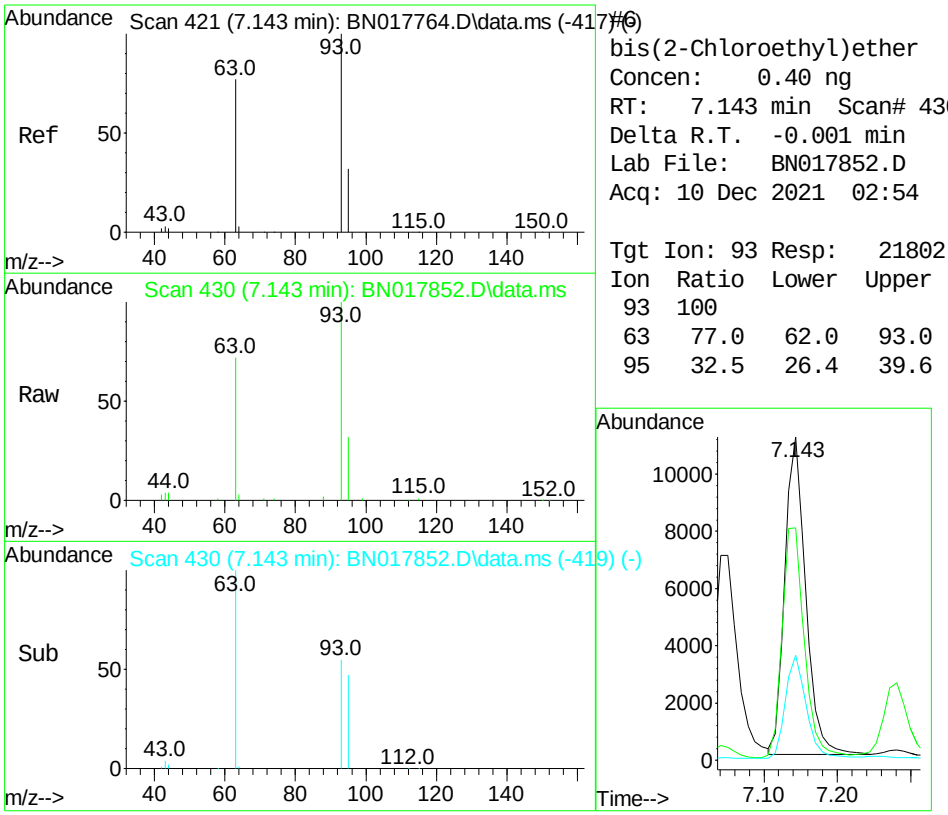


#5
Phenol-d6
Concen: 0.34 ng
RT: 6.894 min Scan# 4
Delta R.T. -0.010 min
Lab File: BN017852.D
Acq: 10 Dec 2021 02:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 16693

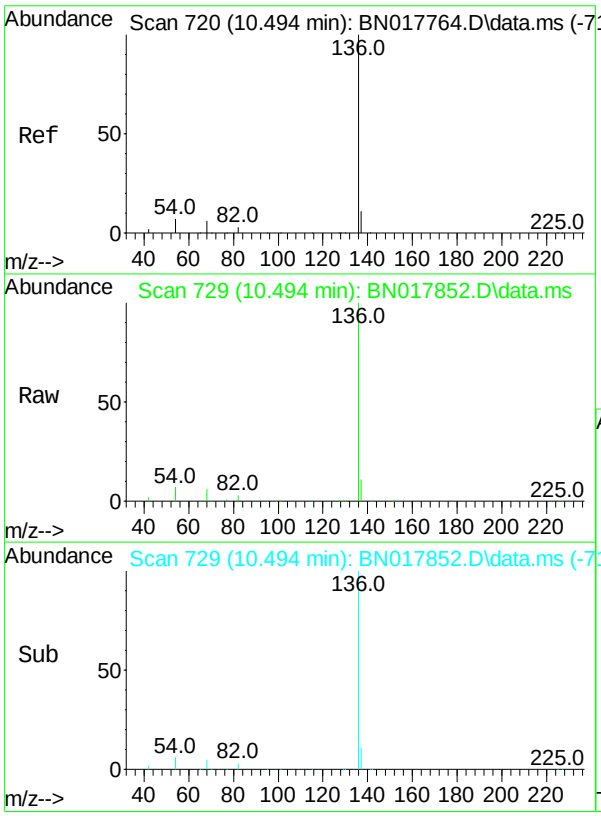
Ion	Ratio	Lower	Upper
99	100		
42	21.2	16.6	25.0
71	36.3	29.0	43.4



#6
bis(2-Chloroethyl)ether
Concen: 0.40 ng
RT: 7.143 min Scan# 430
Delta R.T. -0.001 min
Lab File: BN017852.D
Acq: 10 Dec 2021 02:54

Tgt Ion: 93 Resp: 21802

Ion	Ratio	Lower	Upper
93	100		
63	77.0	62.0	93.0
95	32.5	26.4	39.6

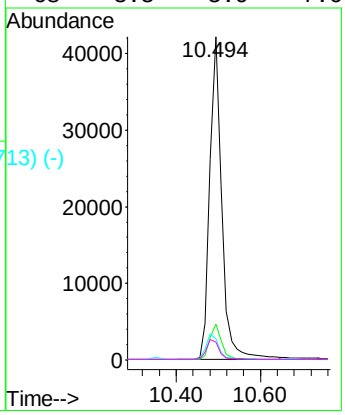


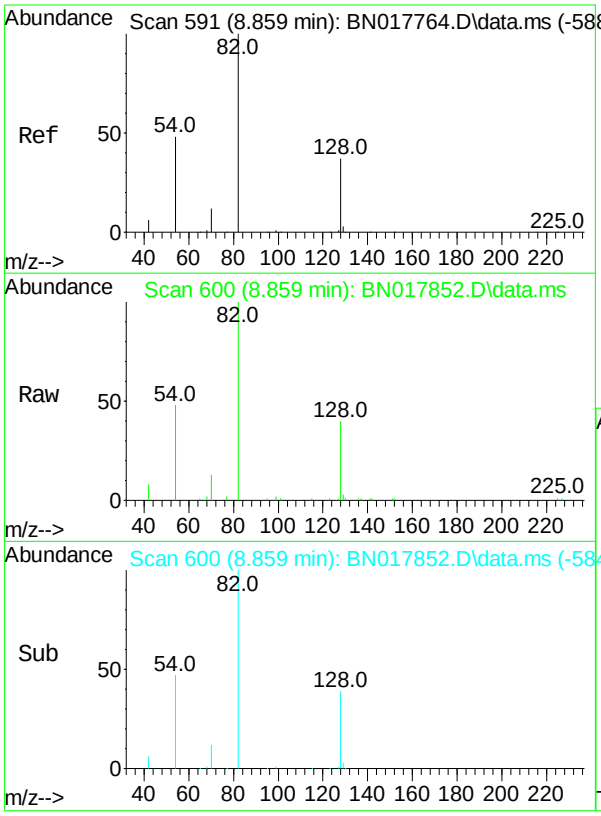
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.494 min Scan# 1
Delta R.T. -0.001 min
Lab File: BN017852.D
Acq: 10 Dec 2021 02:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 83810

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.6	5.9	8.9
68	5.5	5.0	7.6

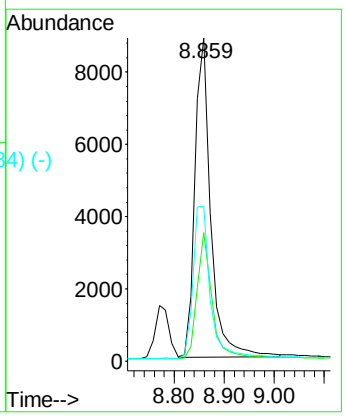


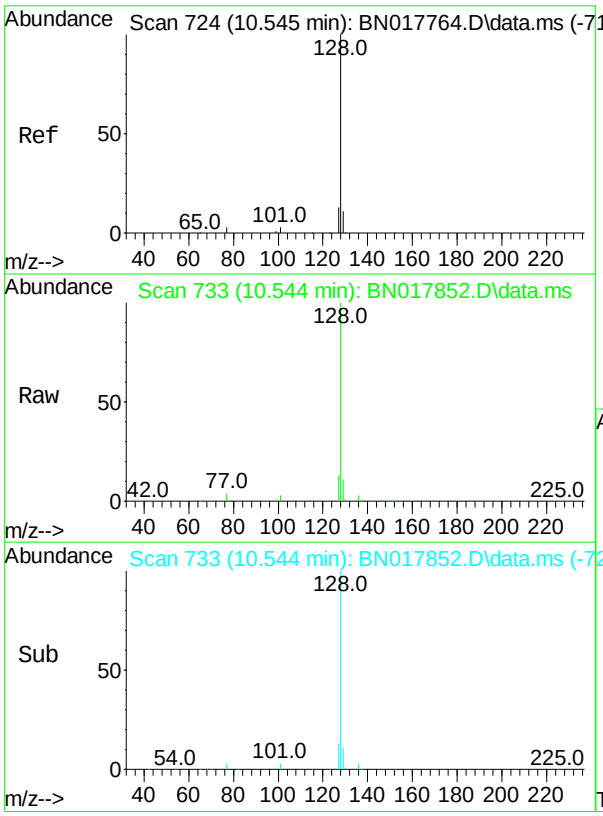


#8
Nitrobenzene-d5
Concen: 0.35 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.001 min
Lab File: BN017852.D
Acq: 10 Dec 2021 02:54

Tgt Ion: 82 Resp: 19247

Ion	Ratio	Lower	Upper
82	100		
128	39.9	30.2	45.2
54	47.8	39.0	58.6



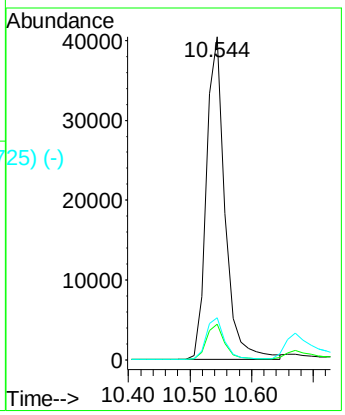


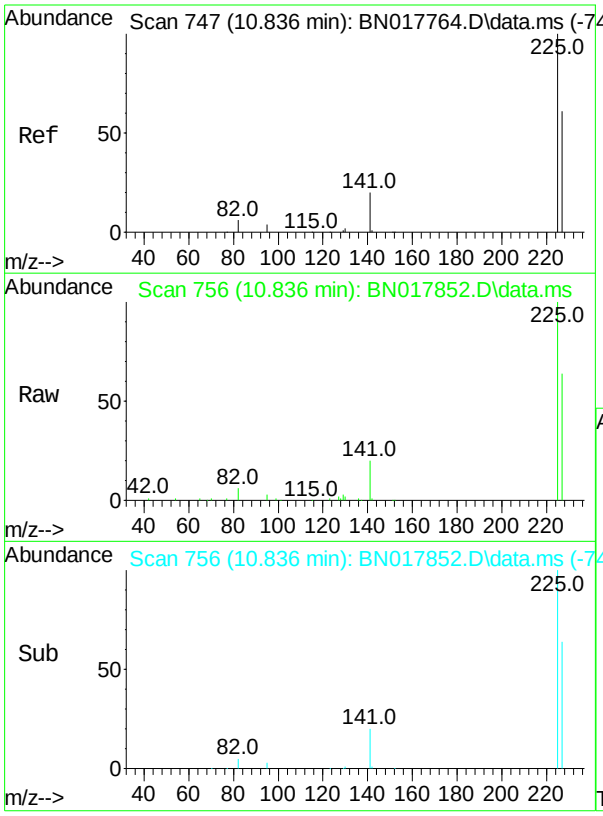
#9
Naphthalene
Concen: 0.39 ng
RT: 10.544 min Scan# 1
Delta R.T. -0.001 min
Lab File: BN017852.D
Acq: 10 Dec 2021 02:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 84944

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.1	10.6	15.8

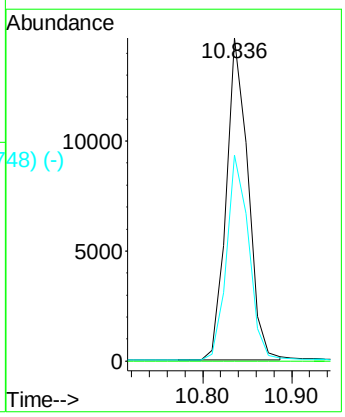


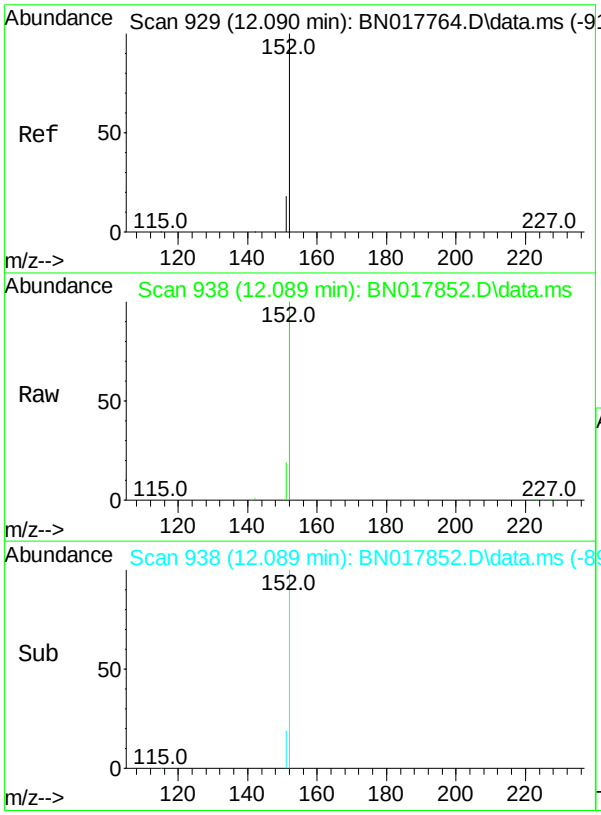


#10
Hexachlorobutadiene
Concen: 0.39 ng
RT: 10.836 min Scan# 756
Delta R.T. -0.001 min
Lab File: BN017852.D
Acq: 10 Dec 2021 02:54

Tgt Ion:225 Resp: 24846

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.4	50.9	76.3



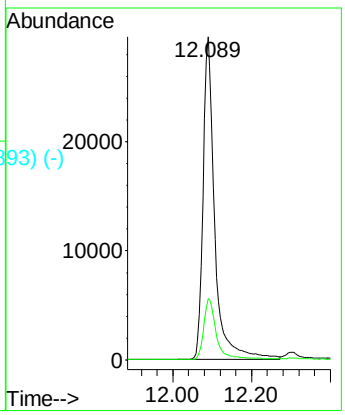


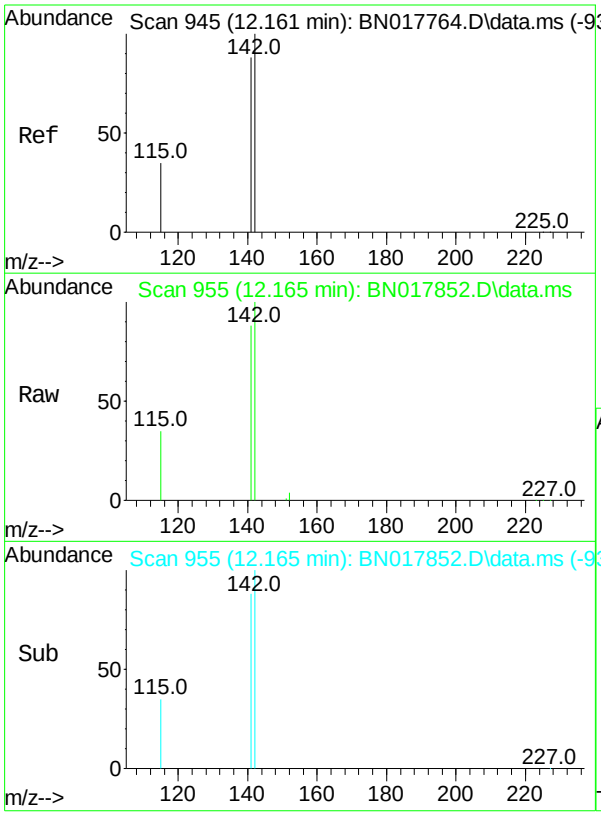
#11
2-Methylnaphthalene-d10
Concen: 0.37 ng
RT: 12.089 min Scan# 9
Delta R.T. -0.001 min
Lab File: BN017852.D
Acq: 10 Dec 2021 02:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 61034

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.4	24.6

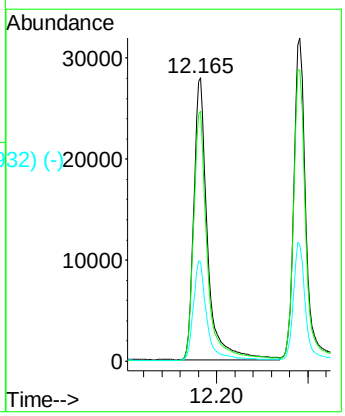


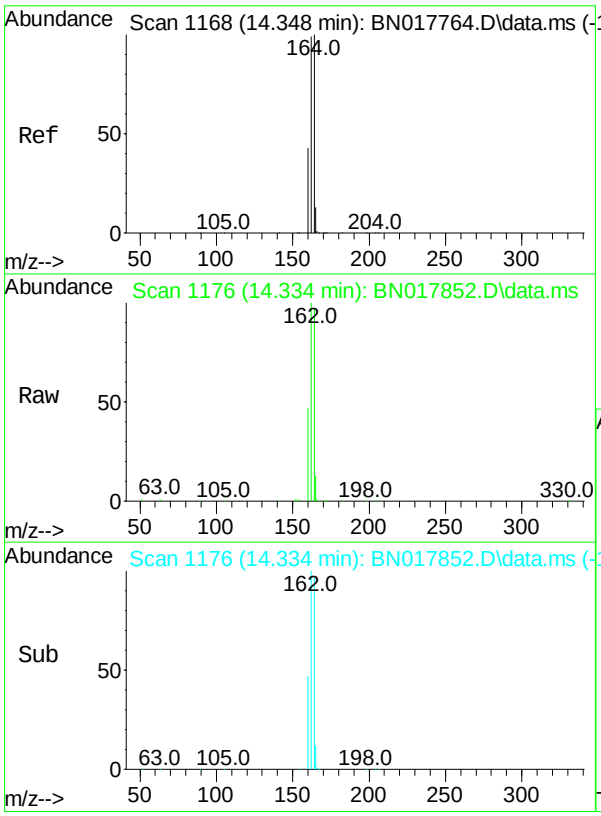


#12
2-Methylnaphthalene
Concen: 0.37 ng
RT: 12.165 min Scan# 955
Delta R.T. 0.004 min
Lab File: BN017852.D
Acq: 10 Dec 2021 02:54

Tgt Ion:142 Resp: 58350

Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.5	105.7
115	35.0	28.0	42.0



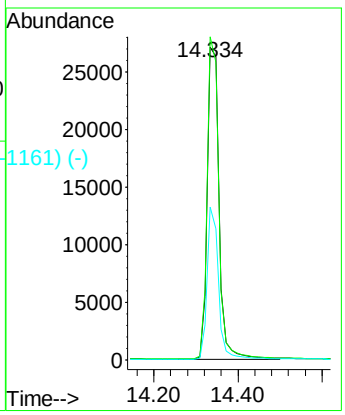


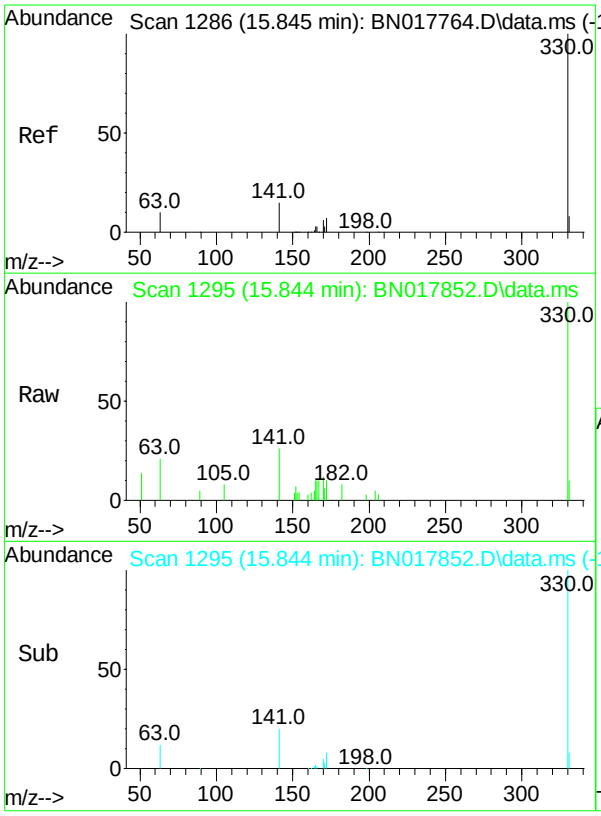
#12
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.334 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN017852.D
Acq: 10 Dec 2021 02:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 52721

Ion	Ratio	Lower	Upper
164	100		
162	103.2	79.0	118.6
160	48.8	34.6	52.0

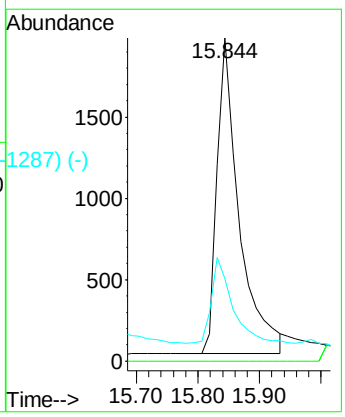


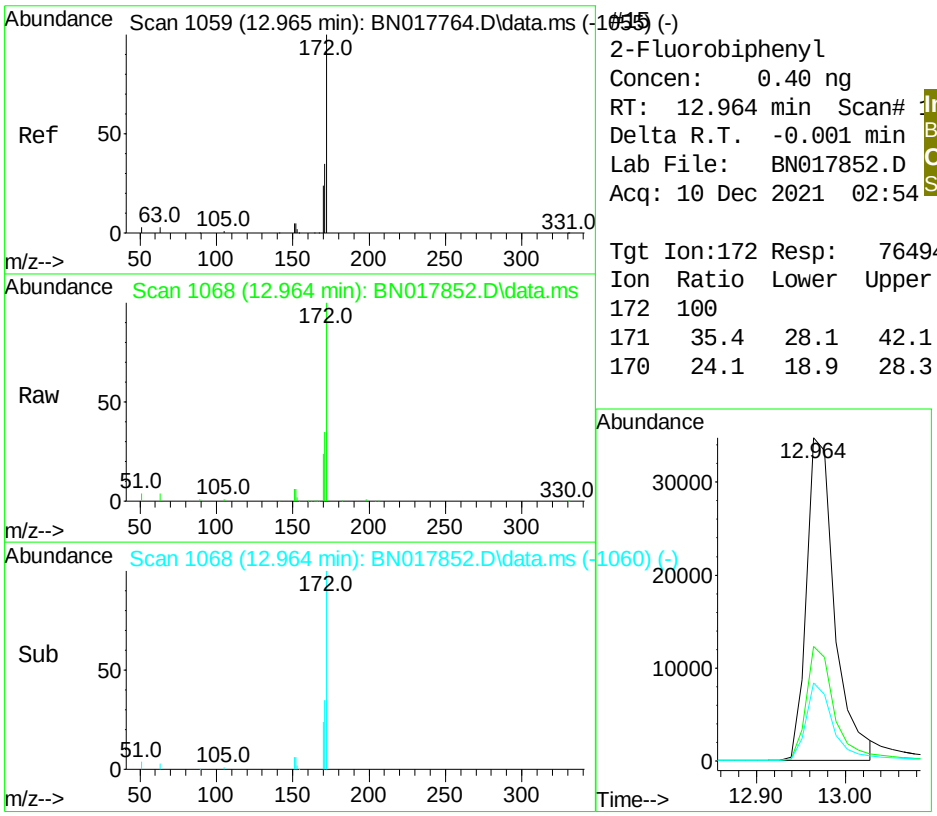


#14
2,4,6-Tribromophenol
Concen: 0.18 ng
RT: 15.844 min Scan# 1295
Delta R.T. -0.001 min
Lab File: BN017852.D
Acq: 10 Dec 2021 02:54

Tgt Ion:330 Resp: 4825

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	25.6	21.5	32.3



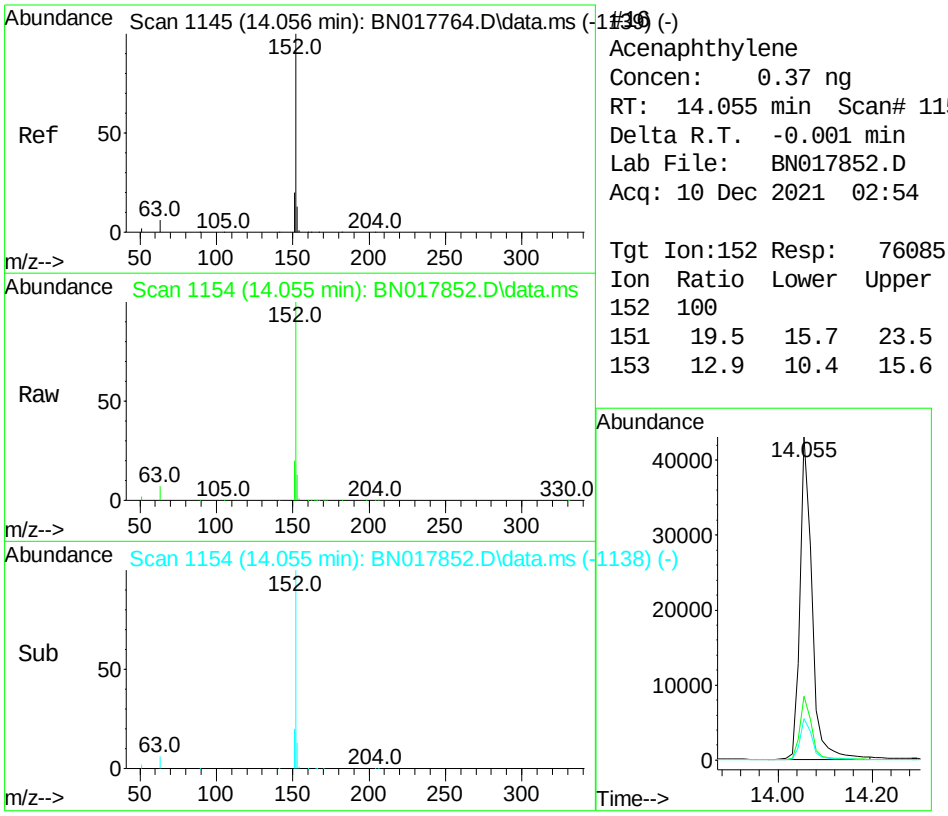


#15
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 12.964 min Scan# 1
Delta R.T. -0.001 min
Lab File: BN017852.D
Acq: 10 Dec 2021 02:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 76494

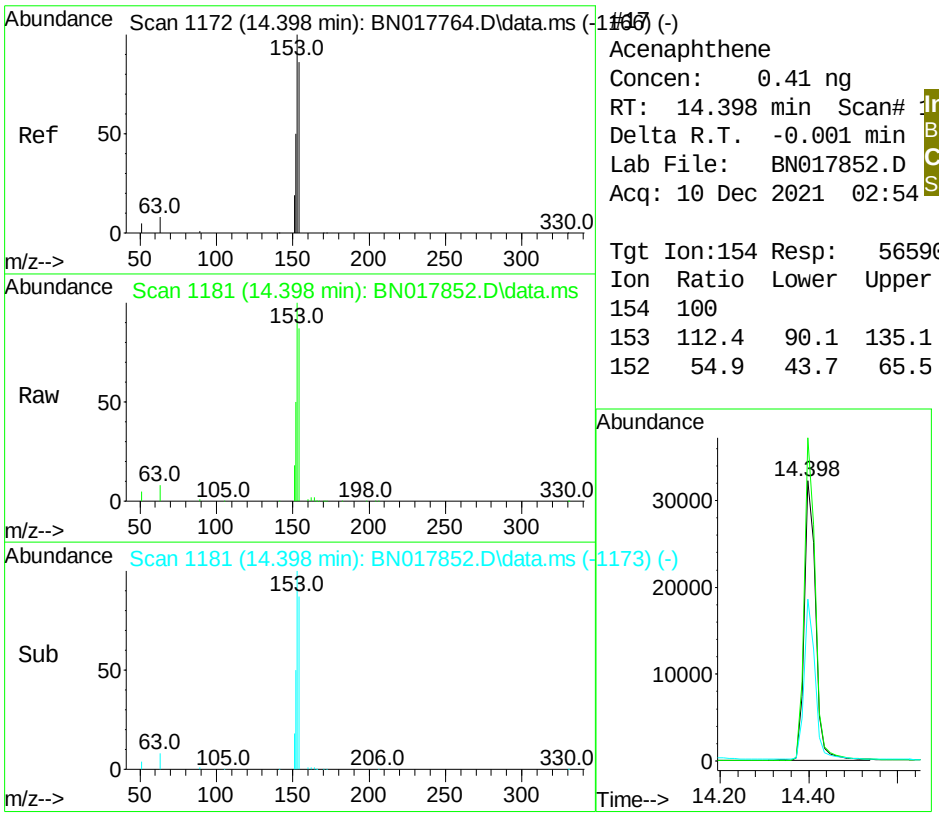
Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.1	42.1
170	24.1	18.9	28.3



#16
Acenaphthylene
Concen: 0.37 ng
RT: 14.055 min Scan# 1154
Delta R.T. -0.001 min
Lab File: BN017852.D
Acq: 10 Dec 2021 02:54

Tgt Ion:152 Resp: 76085

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	12.9	10.4	15.6

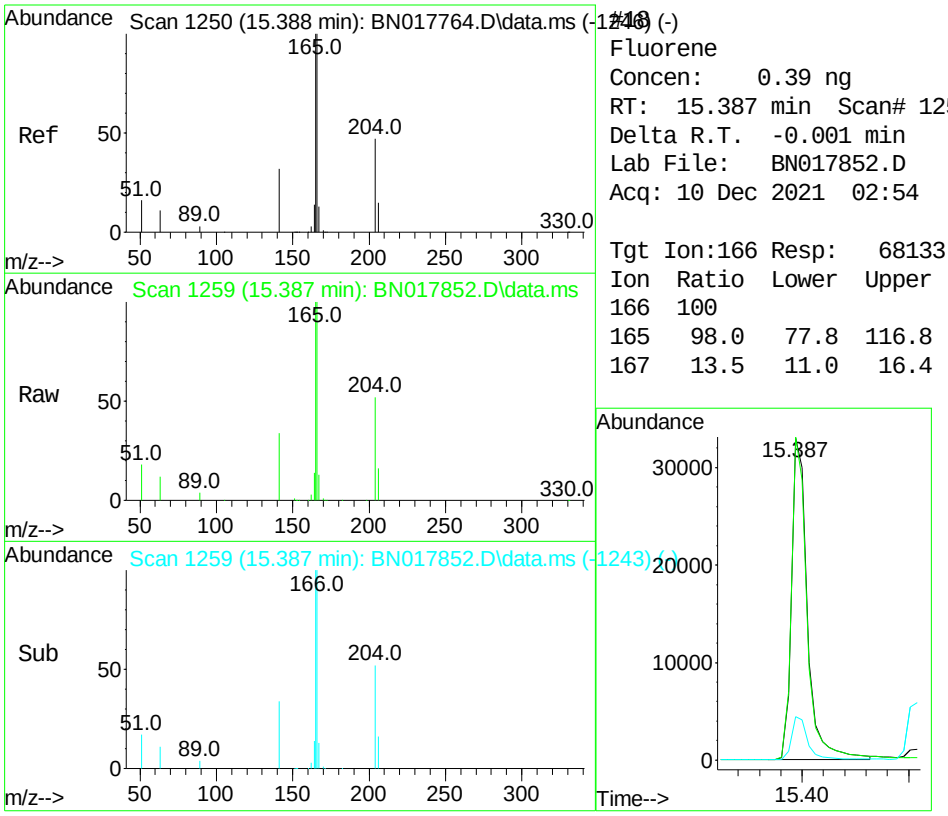


#17
Acenaphthene
Concen: 0.41 ng
RT: 14.398 min Scan# 1
Delta R.T. -0.001 min
Lab File: BN017852.D
Acq: 10 Dec 2021 02:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 56590

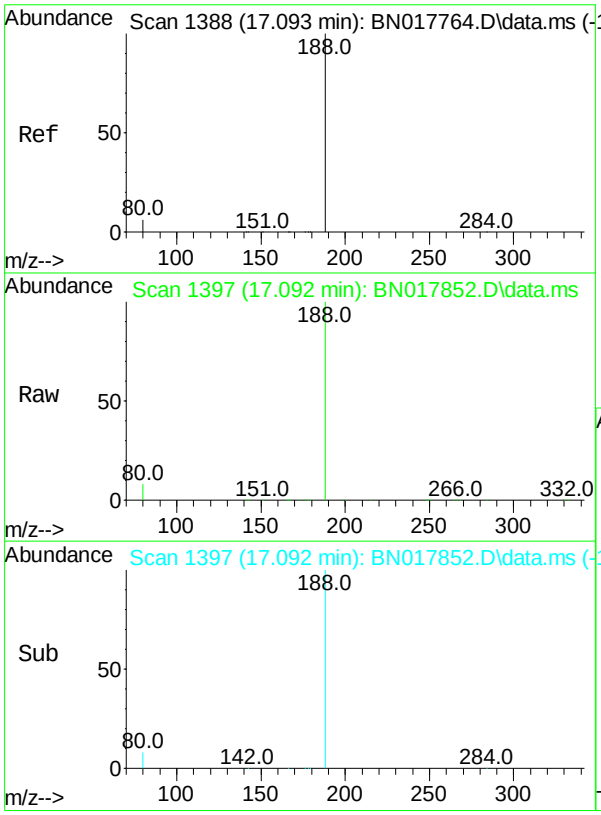
Ion	Ratio	Lower	Upper
154	100		
153	112.4	90.1	135.1
152	54.9	43.7	65.5



#18
Fluorene
Concen: 0.39 ng
RT: 15.387 min Scan# 1259
Delta R.T. -0.001 min
Lab File: BN017852.D
Acq: 10 Dec 2021 02:54

Tgt Ion:166 Resp: 68133

Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.8	116.8
167	13.5	11.0	16.4

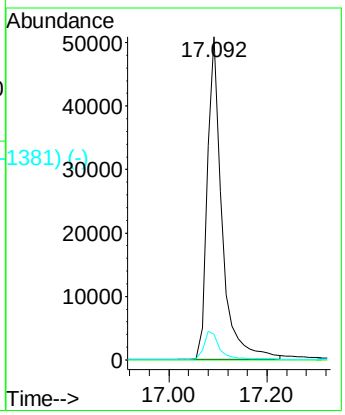


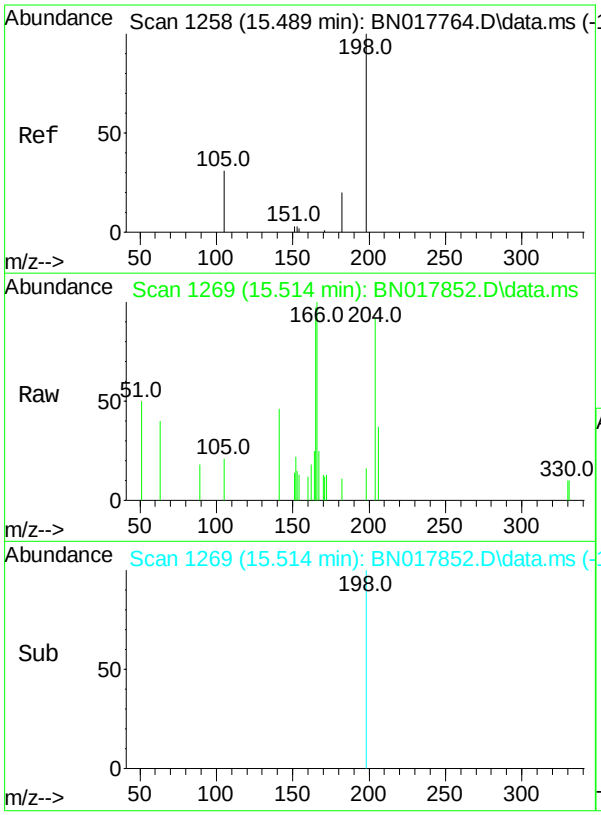
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.092 min Scan# 1
Delta R.T. -0.001 min
Lab File: BN017852.D
Acq: 10 Dec 2021 02:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 105089

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.8	5.1	7.7#

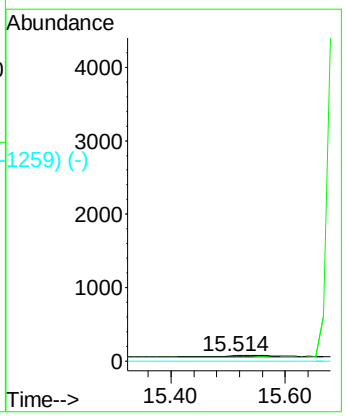


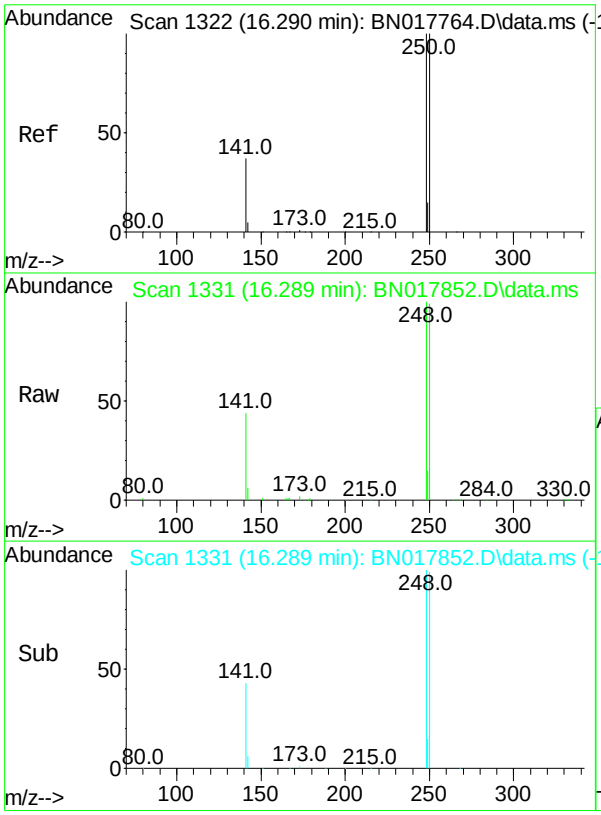


#20
4,6-Dinitro-2-methylphenol
Concen: 0.18 ng
RT: 15.514 min Scan# 1269
Delta R.T. 0.025 min
Lab File: BN017852.D
Acq: 10 Dec 2021 02:54

Tgt Ion:198 Resp: 113

Ion	Ratio	Lower	Upper
198	100		
182	69.3	44.2	66.2#
77	0.0	0.0	0.0



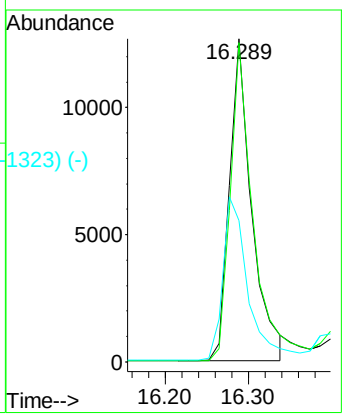


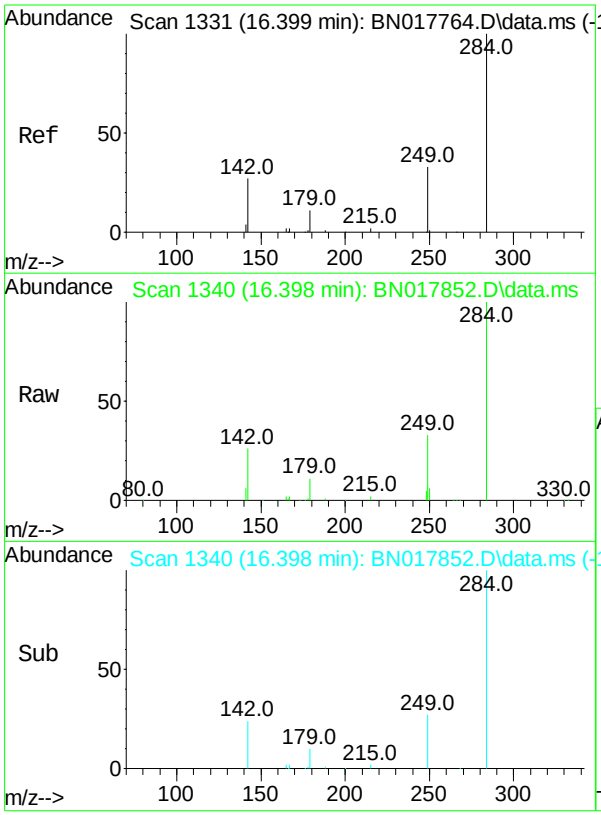
#21
4-Bromophenyl-phenylether
Concen: 0.37 ng
RT: 16.289 min Scan# 1
Delta R.T. -0.001 min
Lab File: BN017852.D
Acq: 10 Dec 2021 02:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:248 Resp: 23763

Ion	Ratio	Lower	Upper
248	100		
250	98.8	80.3	120.5
141	43.7	29.8	44.8

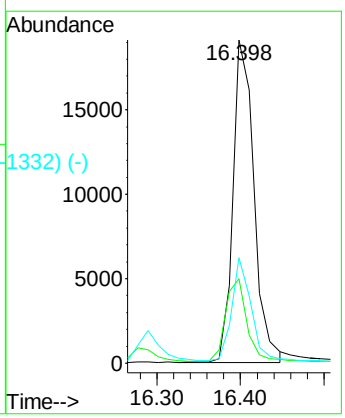


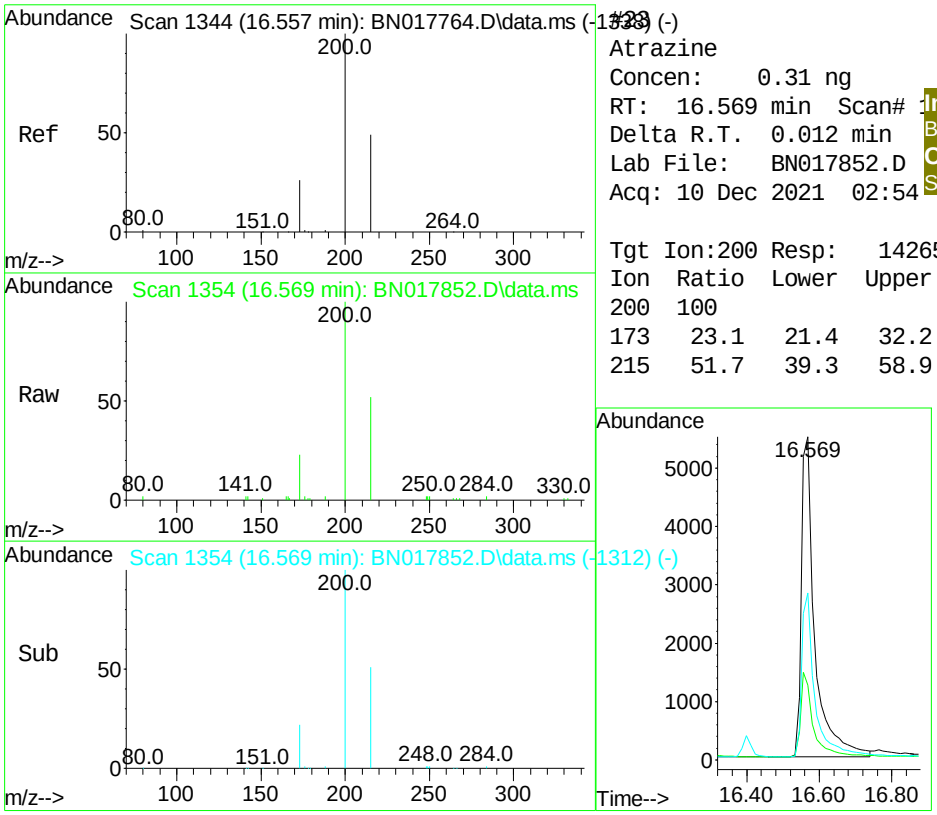


#22
Hexachlorobenzene
Concen: 0.44 ng
RT: 16.398 min Scan# 1340
Delta R.T. -0.001 min
Lab File: BN017852.D
Acq: 10 Dec 2021 02:54

Tgt Ion:284 Resp: 33499

Ion	Ratio	Lower	Upper
284	100		
142	26.0	21.0	31.4
249	29.1	23.9	35.9



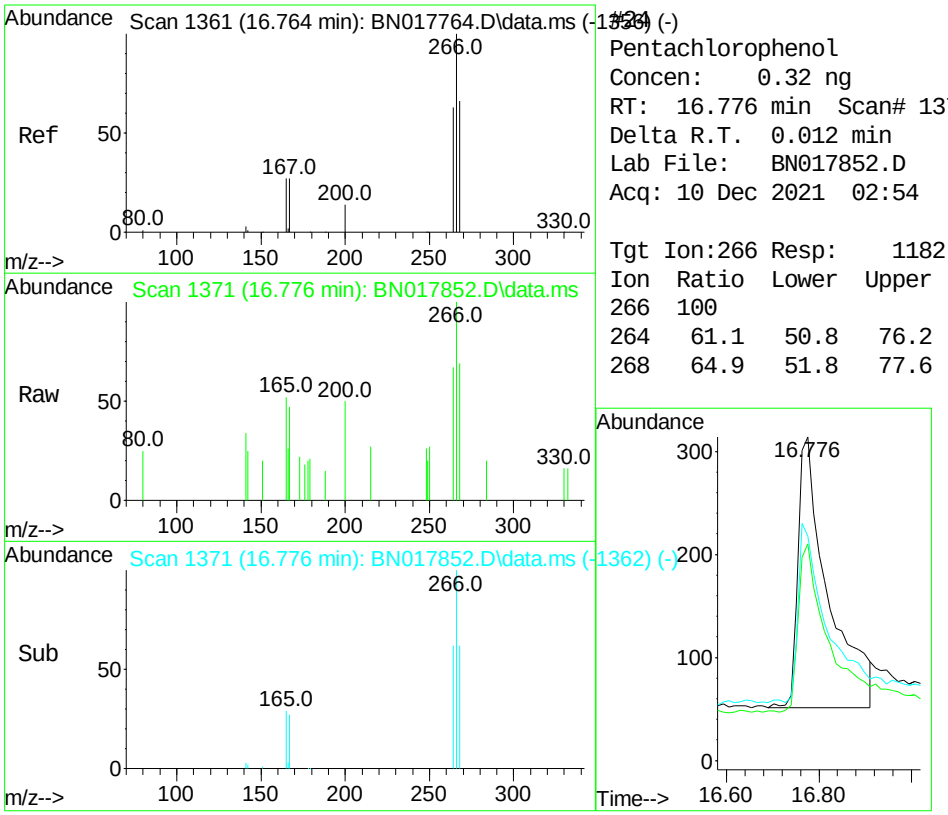


#28
Atrazine
Concen: 0.31 ng
RT: 16.569 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN017852.D
Acq: 10 Dec 2021 02:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:200 Resp: 14265

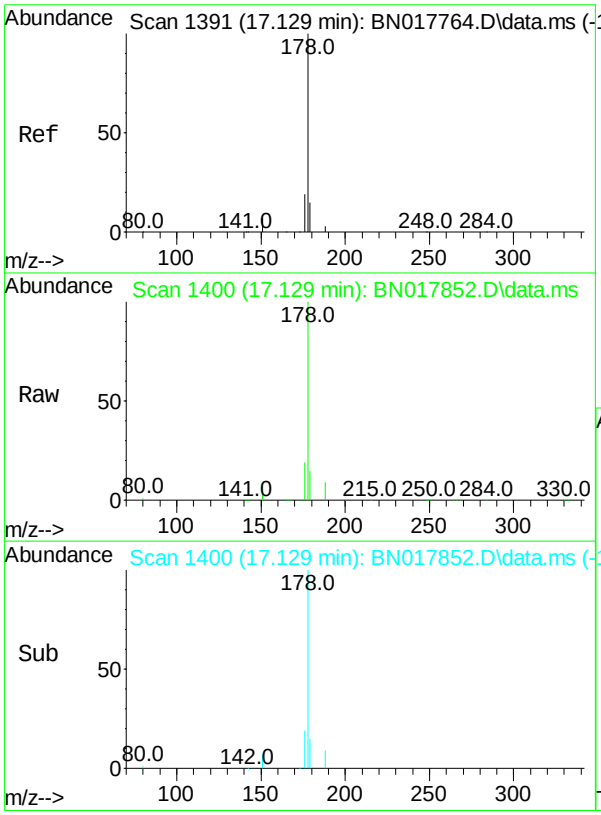
Ion	Ratio	Lower	Upper
200	100		
173	23.1	21.4	32.2
215	51.7	39.3	58.9



#34
Pentachlorophenol
Concen: 0.32 ng
RT: 16.776 min Scan# 1371
Delta R.T. 0.012 min
Lab File: BN017852.D
Acq: 10 Dec 2021 02:54

Tgt Ion:266 Resp: 1182

Ion	Ratio	Lower	Upper
266	100		
264	61.1	50.8	76.2
268	64.9	51.8	77.6

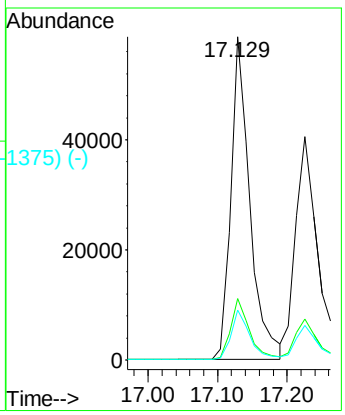


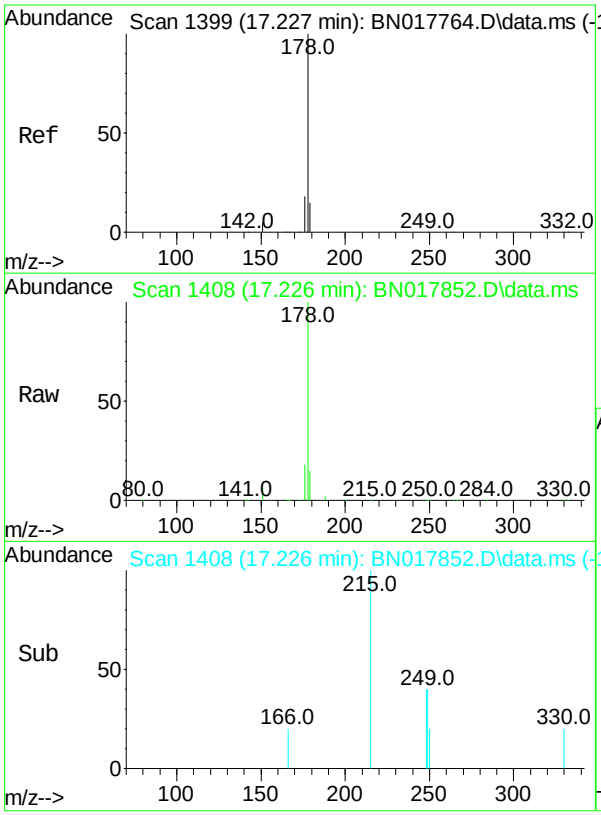
#25
Phenanthrene
Concen: 0.40 ng
RT: 17.129 min Scan# 1
Delta R.T. -0.001 min
Lab File: BN017852.D
Acq: 10 Dec 2021 02:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 111742

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.4	12.5	18.7

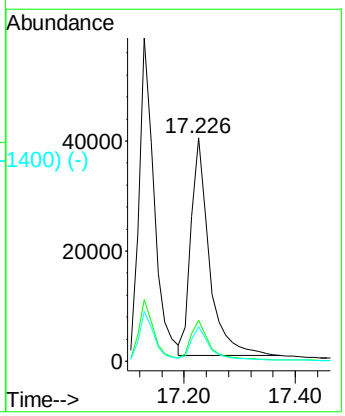


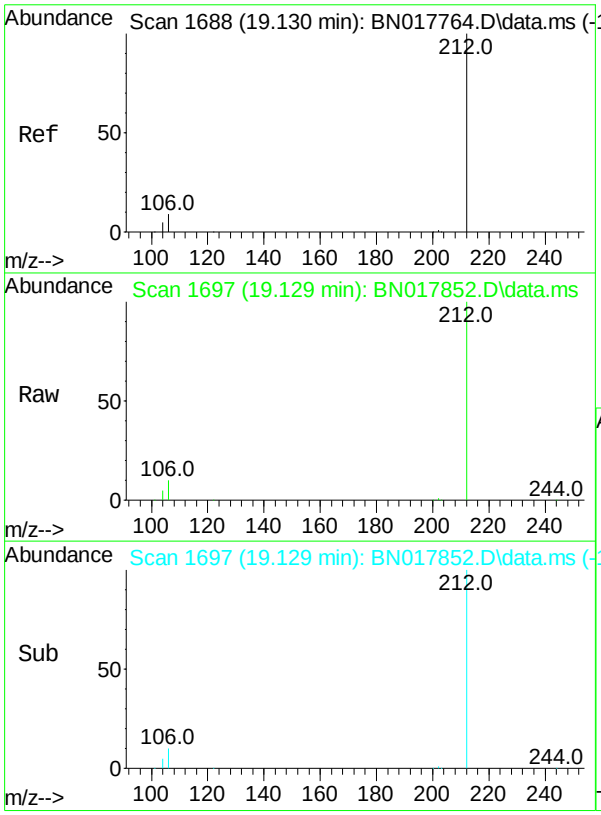


#26
Anthracene
Concen: 0.37 ng
RT: 17.226 min Scan# 1408
Delta R.T. -0.001 min
Lab File: BN017852.D
Acq: 10 Dec 2021 02:54

Tgt Ion:178 Resp: 89385

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.5	21.7
179	15.2	12.2	18.4



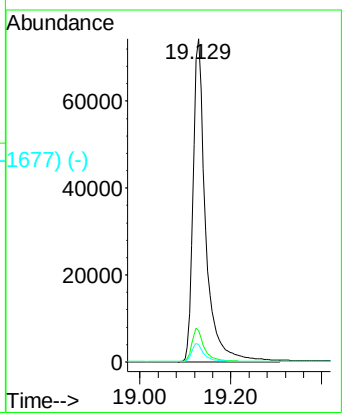


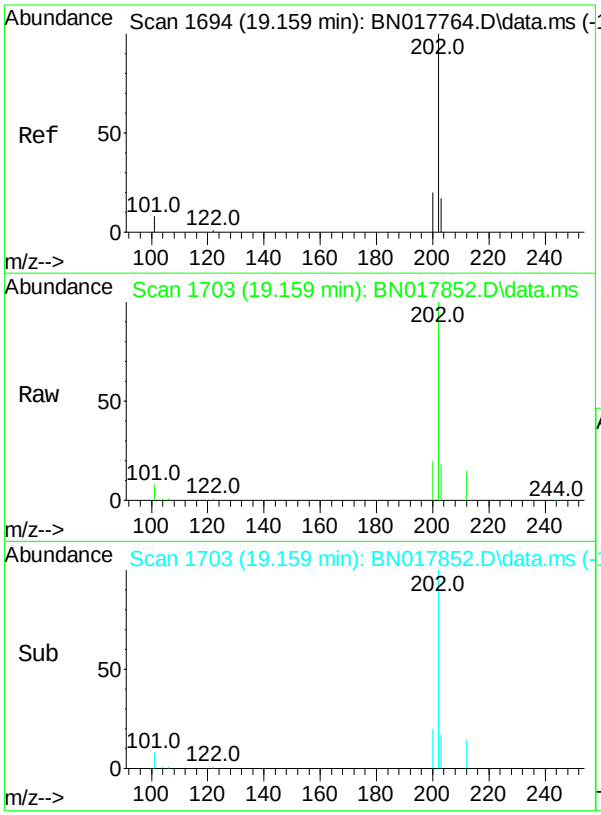
#27
Fluoranthene-d10
Concen: 0.40 ng
RT: 19.129 min Scan# 1
Delta R.T. -0.001 min
Lab File: BN017852.D
Acq: 10 Dec 2021 02:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 141346

Ion	Ratio	Lower	Upper
212	100		
106	10.3	8.2	12.2
104	5.6	4.6	6.8

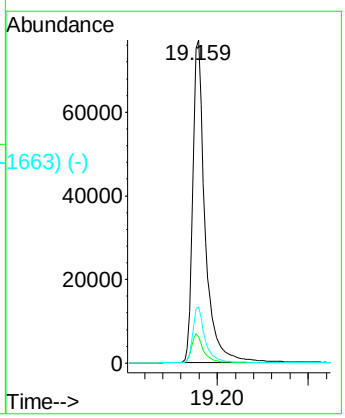


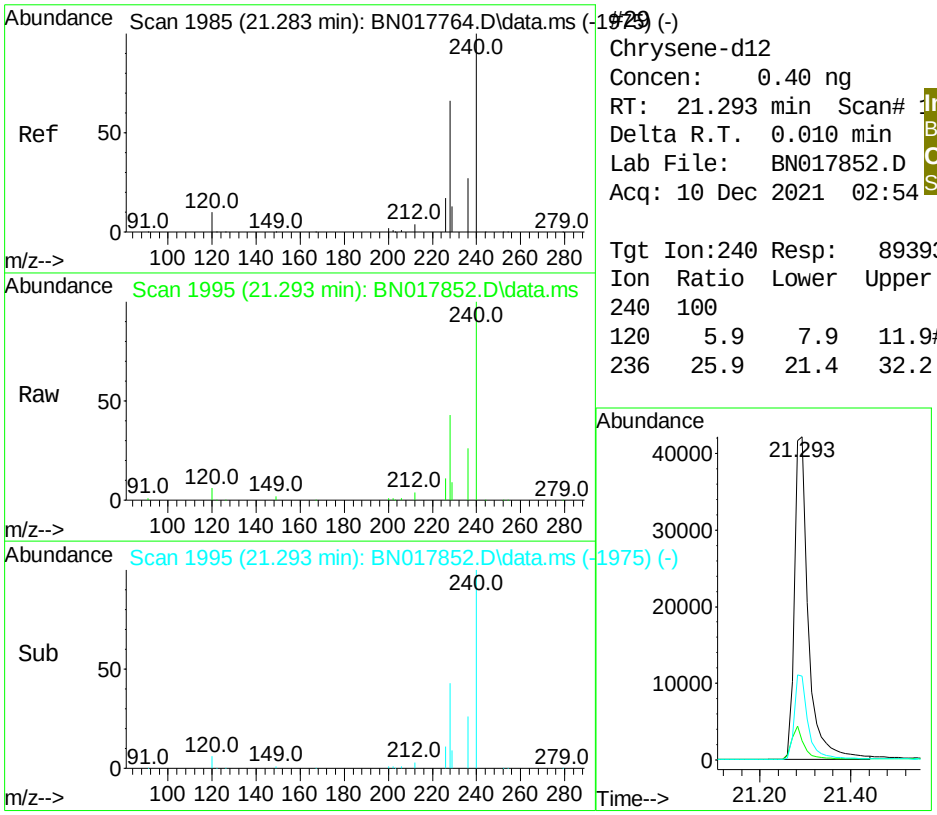


#28
Fluoranthene
Concen: 0.43 ng
RT: 19.159 min Scan# 1703
Delta R.T. -0.001 min
Lab File: BN017852.D
Acq: 10 Dec 2021 02:54

Tgt Ion:202 Resp: 143275

Ion	Ratio	Lower	Upper
202	100		
101	9.0	7.2	10.8
203	17.0	13.7	20.5



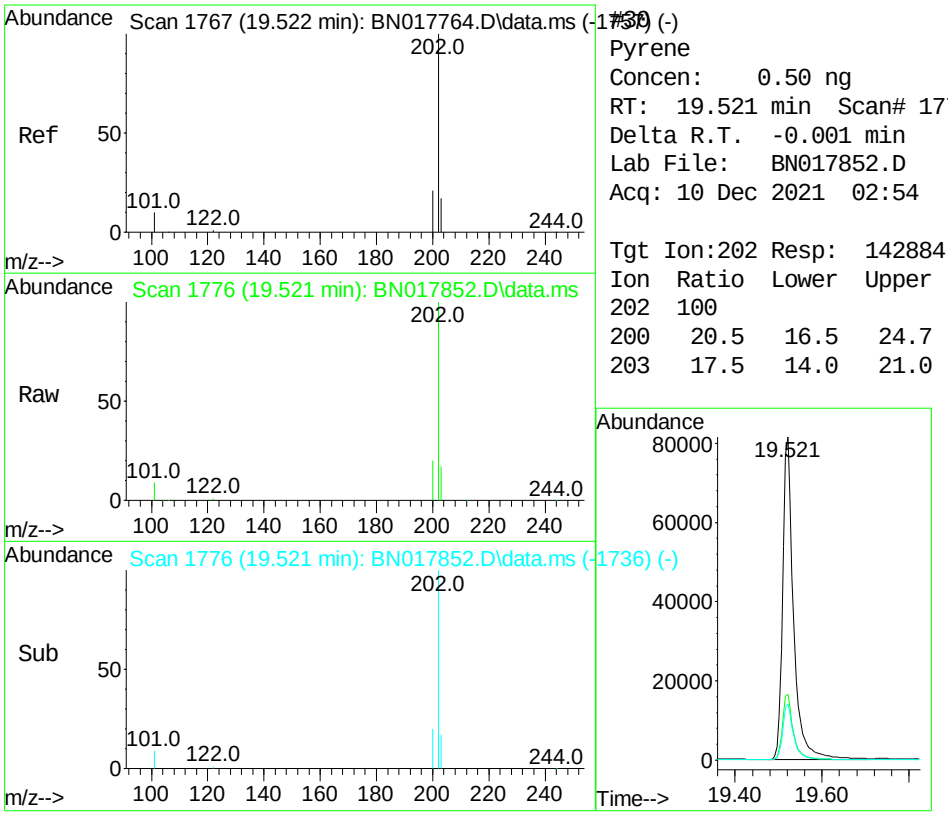


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.293 min Scan# 1
Delta R.T. 0.010 min
Lab File: BN017852.D
Acq: 10 Dec 2021 02:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 89393

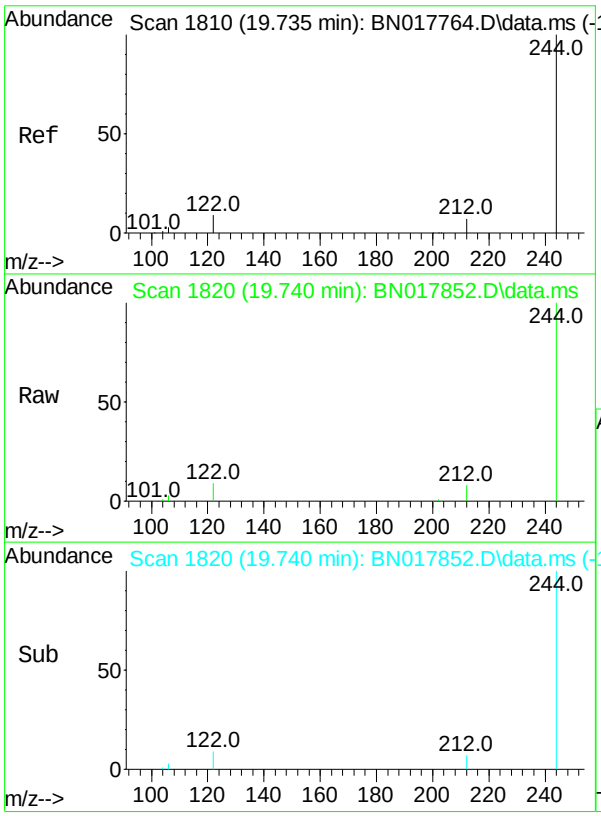
Ion	Ratio	Lower	Upper
240	100		
120	5.9	7.9	11.9#
236	25.9	21.4	32.2



#30
Pyrene
Concen: 0.50 ng
RT: 19.521 min Scan# 1776
Delta R.T. -0.001 min
Lab File: BN017852.D
Acq: 10 Dec 2021 02:54

Tgt Ion:202 Resp: 142884

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

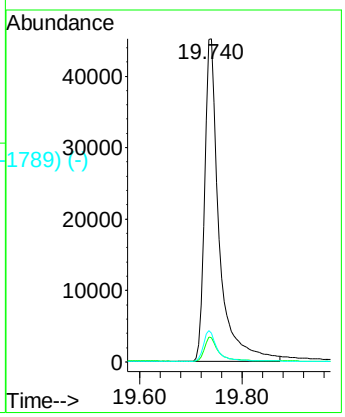


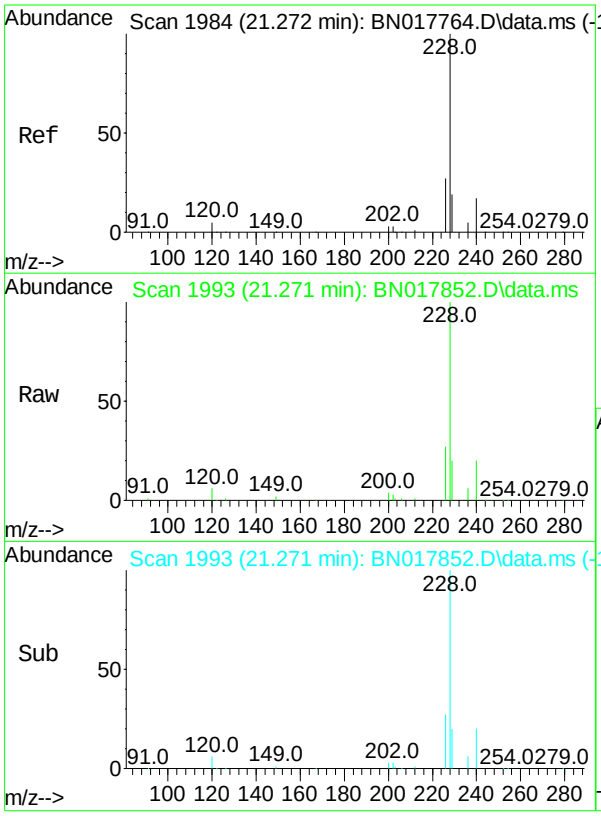
#31
Terphenyl-d14
Concen: 0.46 ng
RT: 19.740 min Scan# 1
Delta R.T. 0.004 min
Lab File: BN017852.D
Acq: 10 Dec 2021 02:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 88987

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	8.8	7.1	10.7

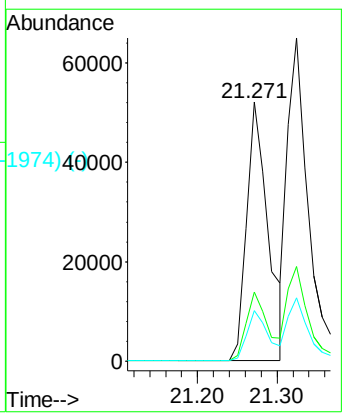


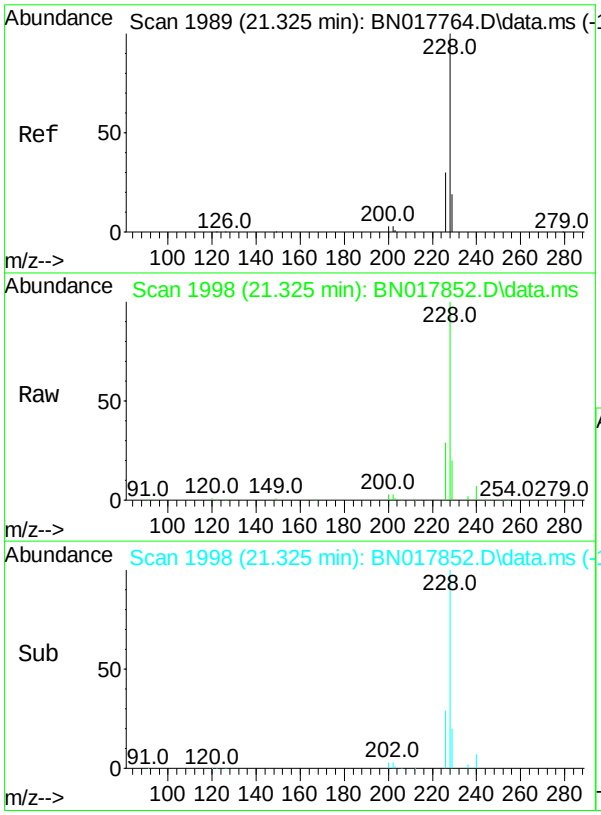


#32
Benzo(a)anthracene
Concen: 0.36 ng
RT: 21.271 min Scan# 1993
Delta R.T. -0.001 min
Lab File: BN017852.D
Acq: 10 Dec 2021 02:54

Tgt Ion:228 Resp: 98163

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.4	32.0
229	19.6	15.7	23.5



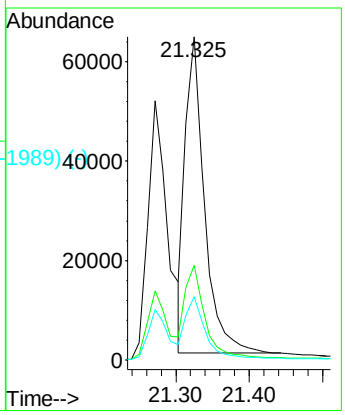


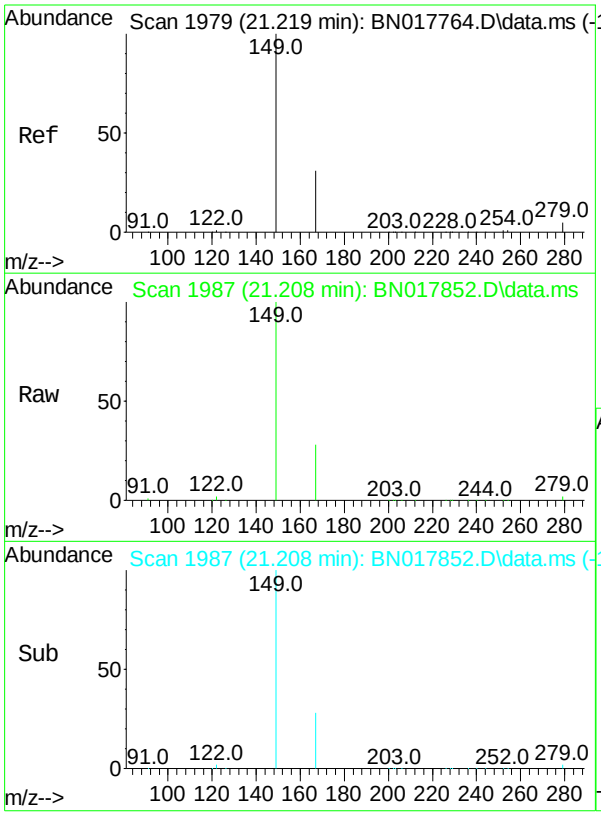
#33
Chrysene
Concen: 0.40 ng
RT: 21.325 min Scan# 1
Delta R.T. -0.001 min
Lab File: BN017852.D
Acq: 10 Dec 2021 02:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 115501

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.6	35.4
229	19.6	15.6	23.4

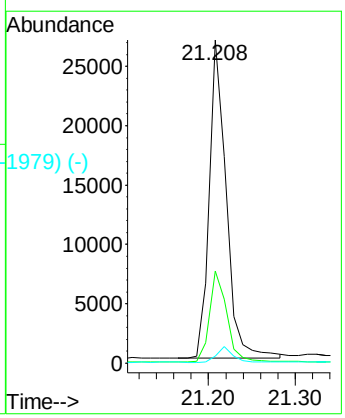


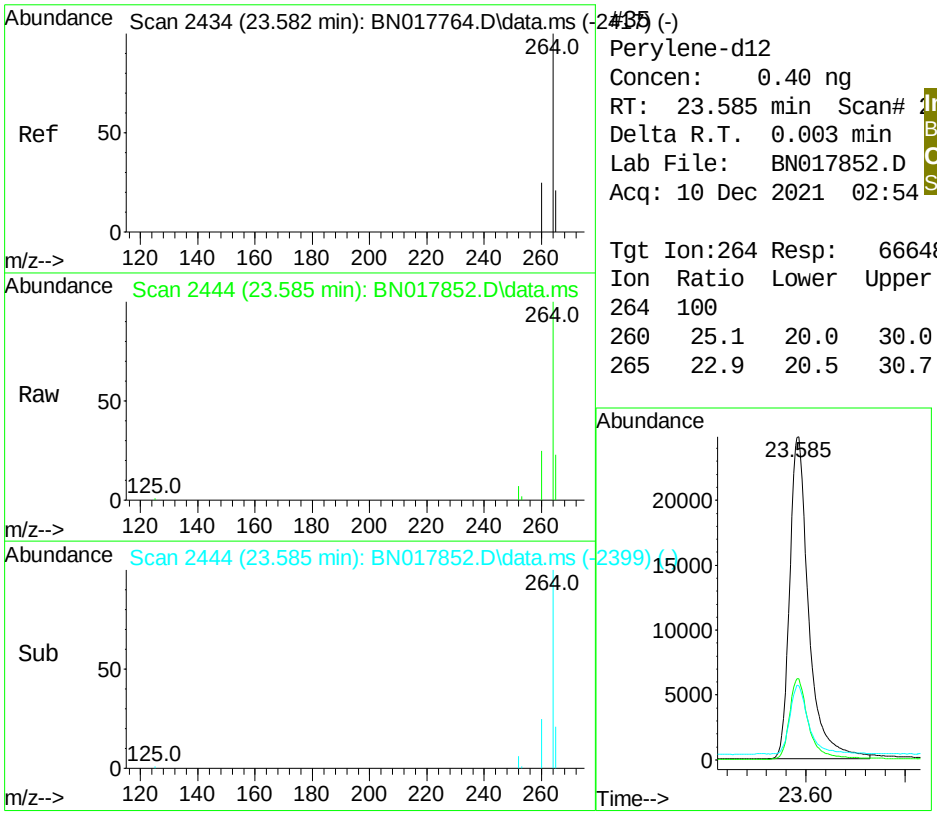


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.29 ng
RT: 21.208 min Scan# 1987
Delta R.T. -0.011 min
Lab File: BN017852.D
Acq: 10 Dec 2021 02:54

Tgt Ion:149 Resp: 36125

Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.5	35.3
279	4.6	3.8	5.6



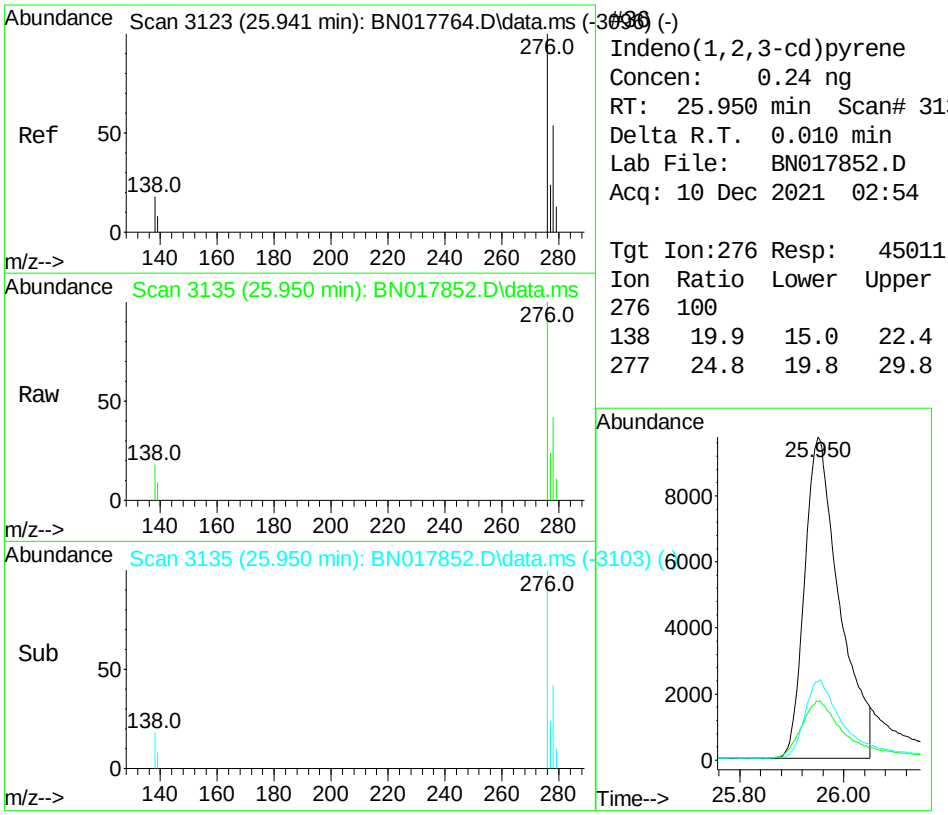


#35
Perylene-d12
Concen: 0.40 ng
RT: 23.585 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN017852.D
Acq: 10 Dec 2021 02:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 66648

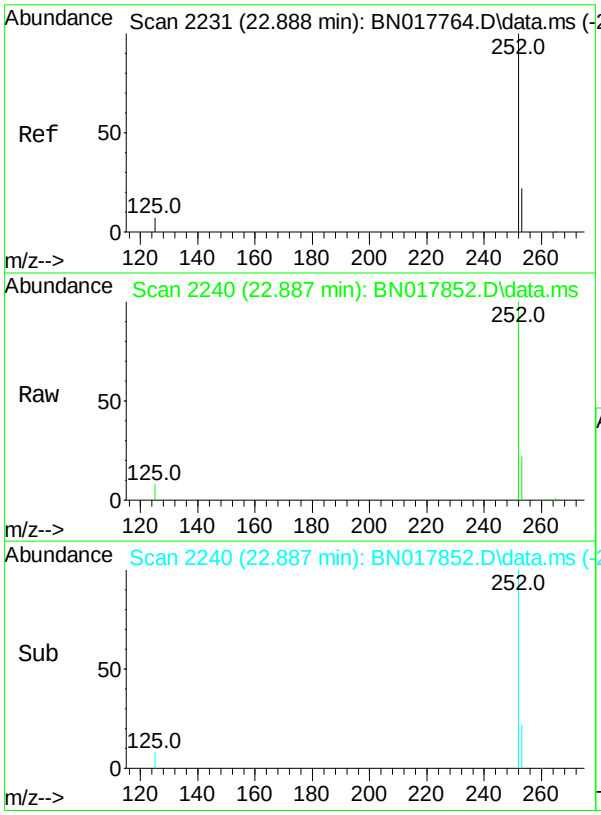
Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.0	30.0
265	22.9	20.5	30.7



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.24 ng
RT: 25.950 min Scan# 3135
Delta R.T. 0.010 min
Lab File: BN017852.D
Acq: 10 Dec 2021 02:54

Tgt Ion:276 Resp: 45011

Ion	Ratio	Lower	Upper
276	100		
138	19.9	15.0	22.4
277	24.8	19.8	29.8

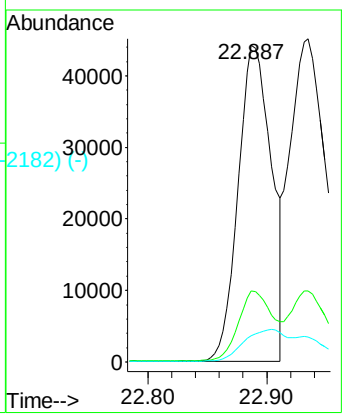


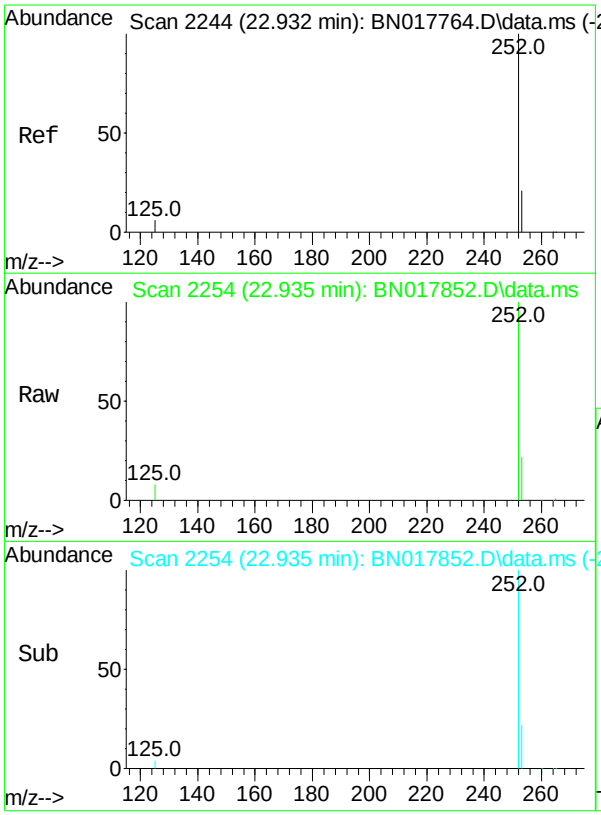
#37
Benzo(b)fluoranthene
Concen: 0.38 ng
RT: 22.887 min Scan# 2
Delta R.T. -0.001 min
Lab File: BN017852.D
Acq: 10 Dec 2021 02:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 86135

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	8.2	6.2	9.2

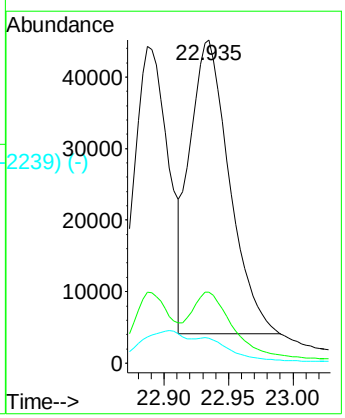


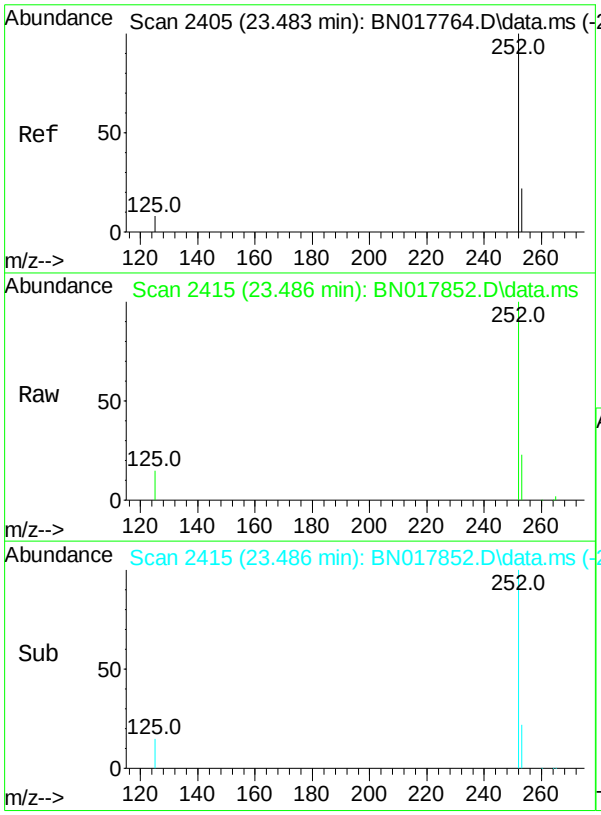


#38
Benzo(k)fluoranthene
Concen: 0.41 ng
RT: 22.935 min Scan# 2254
Delta R.T. 0.003 min
Lab File: BN017852.D
Acq: 10 Dec 2021 02:54

Tgt Ion:252 Resp: 87797

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	7.7	6.2	9.2



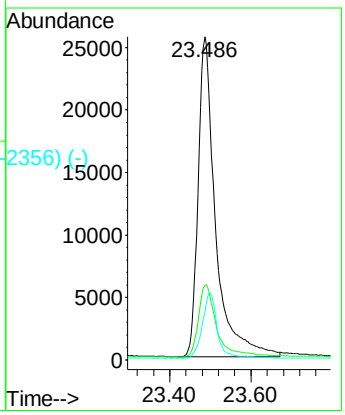


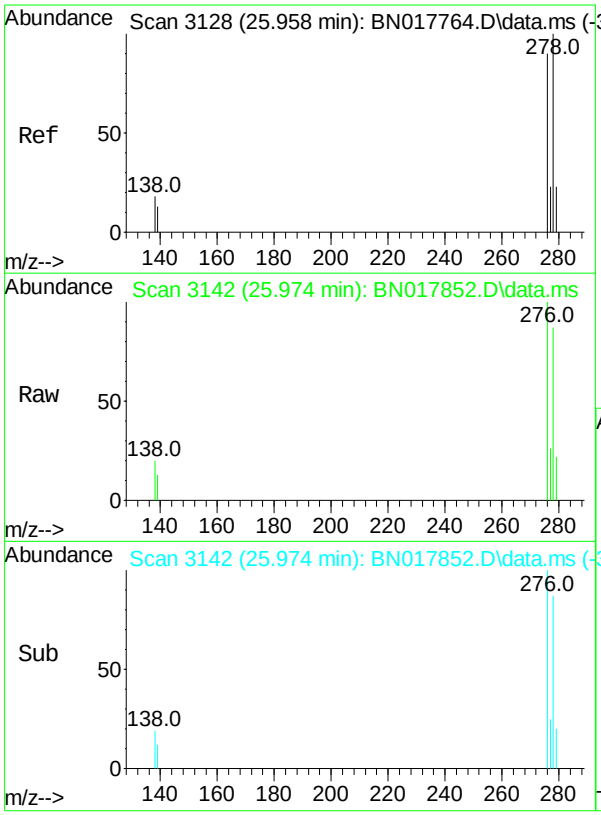
#39
Benzo(a)pyrene
Concen: 0.38 ng
RT: 23.486 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN017852.D
Acq: 10 Dec 2021 02:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 76615

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	14.9	7.0	10.4#

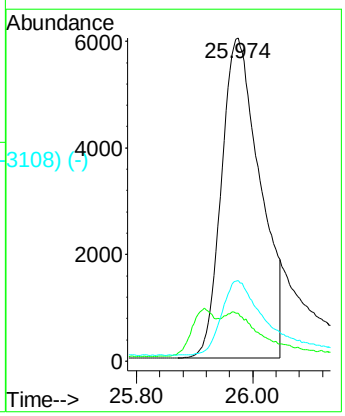


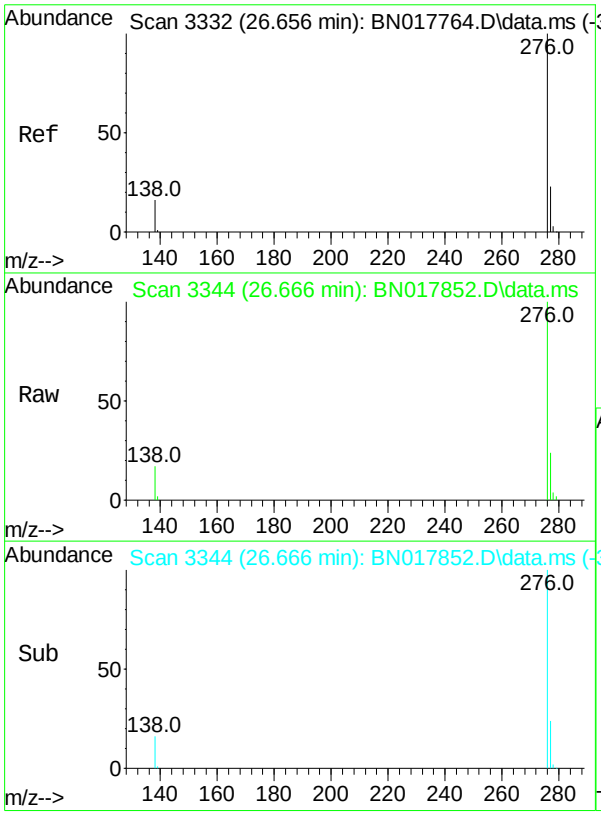


#40
Dibenzo(a,h)anthracene
Concen: 0.19 ng
RT: 25.974 min Scan# 3142
Delta R.T. 0.016 min
Lab File: BN017852.D
Acq: 10 Dec 2021 02:54

Tgt Ion:278 Resp: 27632

Ion	Ratio	Lower	Upper
278	100		
139	14.9	10.8	16.2
279	25.0	19.1	28.7





#41
Benzo(g,h,i)perylene
Concen: 0.28 ng
RT: 26.666 min Scan# 1
Delta R.T. 0.010 min
Lab File: BN017852.D
Acq: 10 Dec 2021 02:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 43085

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.1	28.7
138	16.7	13.2	19.8