Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120821\
Data File : BN017831.D
Acq On : 09 Dec 2021 11:46
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Dec 10 01:53:46 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

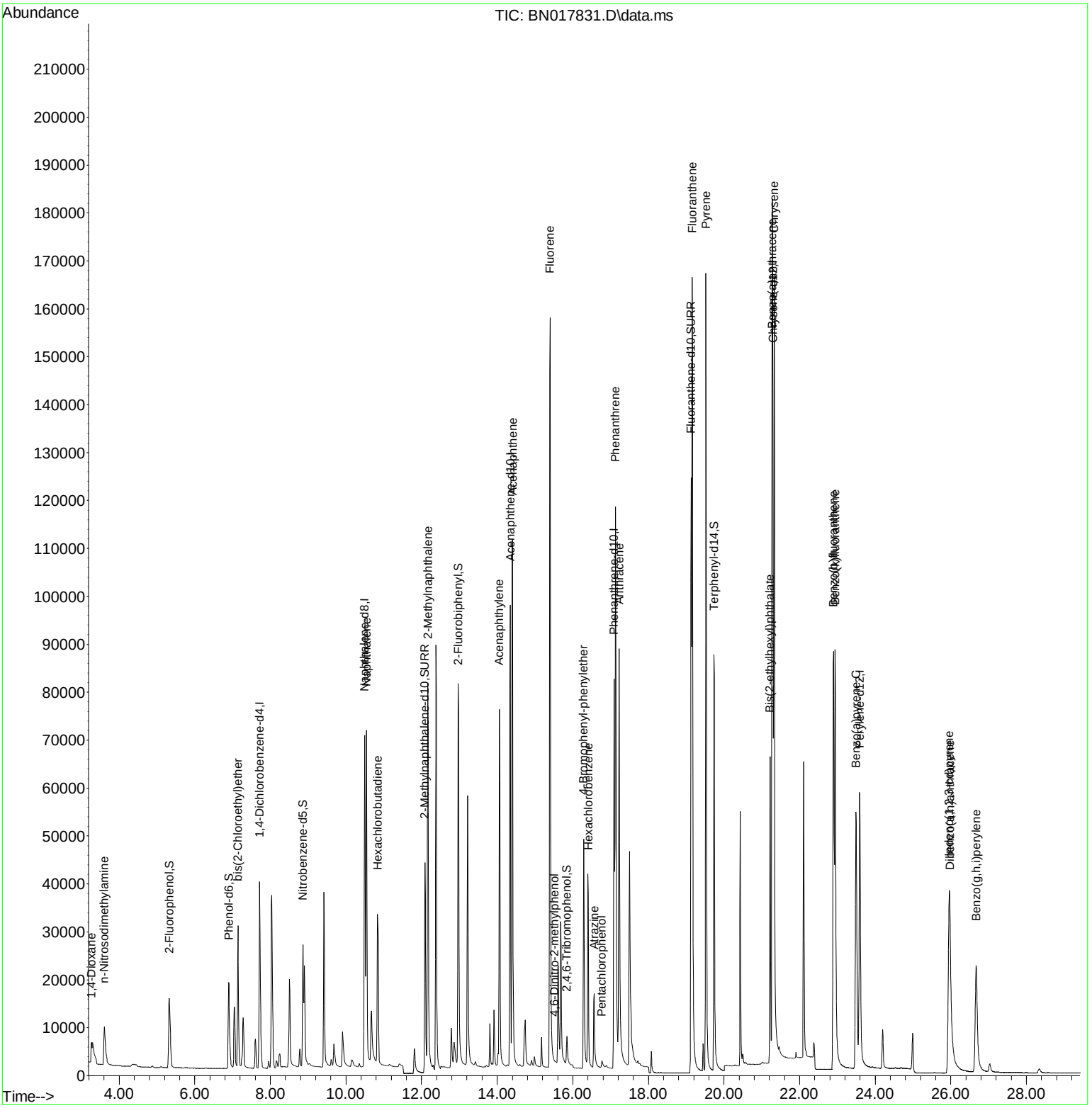
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.715	152	23775	0.40	ng		0.00
7) Naphthalene-d8	10.494	136	100286	0.40	ng		0.00
13) Acenaphthene-d10	14.347	164	64577	0.40	ng		0.00
19) Phenanthrene-d10	17.092	188	134428	0.40	ng		0.00
29) Chrysene-d12	21.293	240	122862	0.40	ng	#	0.01
35) Perylene-d12	23.589	264	95188	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.327	112	21701	0.38	ng		0.00
5) Phenol-d6	6.903	99	21742	0.40	ng		0.00
8) Nitrobenzene-d5	8.859	82	24407	0.37	ng		0.00
11) 2-Methylnaphthalene-d10	12.090	152	73941	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.844	330	7461	0.22	ng		0.00
15) 2-Fluorobiphenyl	12.977	172	94090	0.40	ng		0.01
27) Fluoranthene-d10	19.129	212	177069	0.39	ng		0.00
31) Terphenyl-d14	19.735	244	118374	0.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.270	88	2869	0.33	ng	#	100
3) n-Nitrosodimethylamine	3.602	42	9747	0.40	ng		98
6) bis(2-Chloroethyl)ether	7.143	93	25670	0.42	ng		99
9) Naphthalene	10.545	128	99764	0.38	ng		100
10) Hexachlorobutadiene	10.836	225	28901	0.38	ng	#	99
12) 2-Methylnaphthalene	12.165	142	70634	0.37	ng		100
16) Acenaphthylene	14.055	152	96836	0.38	ng		100
17) Acenaphthene	14.411	154	68727	0.41	ng		100
18) Fluorene	15.400	166	85514	0.40	ng		100
20) 4,6-Dinitro-2-methylph...	15.514	198	93	0.15	ng	#	85
21) 4-Bromophenyl-phenylether	16.289	248	30423	0.37	ng	#	93
22) Hexachlorobenzene	16.411	284	39558	0.41	ng		98
23) Atrazine	16.569	200	19858	0.34	ng		94
24) Pentachlorophenol	16.764	266	1685	0.33	ng		99
25) Phenanthrene	17.129	178	138279	0.39	ng		99
26) Anthracene	17.226	178	117713	0.38	ng		100
28) Fluoranthene	19.159	202	176010	0.41	ng		100
30) Pyrene	19.521	202	188155	0.48	ng		100
32) Benzo(a)anthracene	21.272	228	143009	0.38	ng		99
33) Chrysene	21.325	228	158468	0.40	ng		99
34) Bis(2-ethylhexyl)phtha...	21.219	149	58163	0.34	ng		100
36) Indeno(1,2,3-cd)pyrene	25.951	276	75114	0.28	ng		99
37) Benzo(b)fluoranthene	22.894	252	130166	0.40	ng		100
38) Benzo(k)fluoranthene	22.939	252	123150	0.40	ng		100
39) Benzo(a)pyrene	23.490	252	111272	0.38	ng	#	98
40) Dibenzo(a,h)anthracene	25.978	278	50788	0.25	ng		99
41) Benzo(g,h,i)perylene	26.670	276	67253	0.31	ng		99

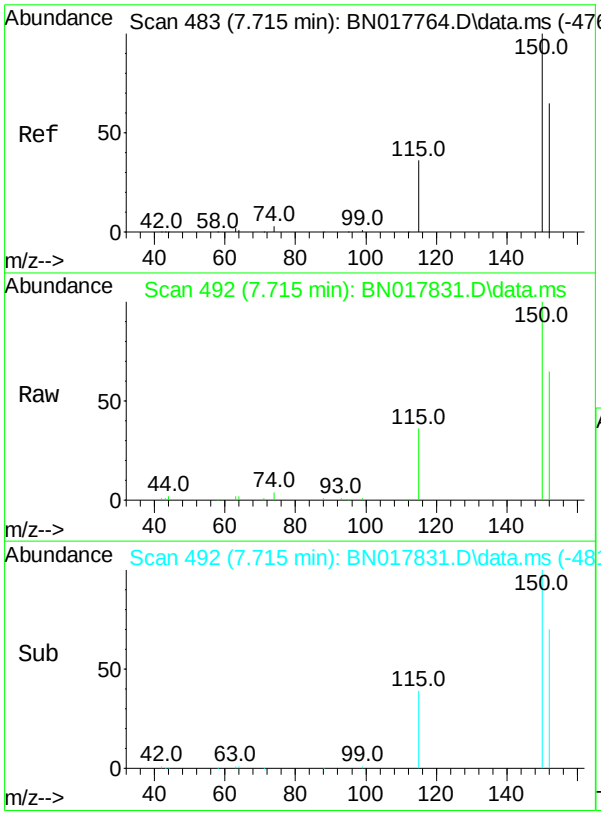
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120821\
Data File : BN017831.D
Acq On : 09 Dec 2021 11:46
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Dec 10 01:53:46 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



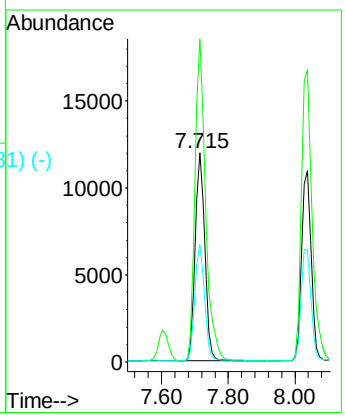


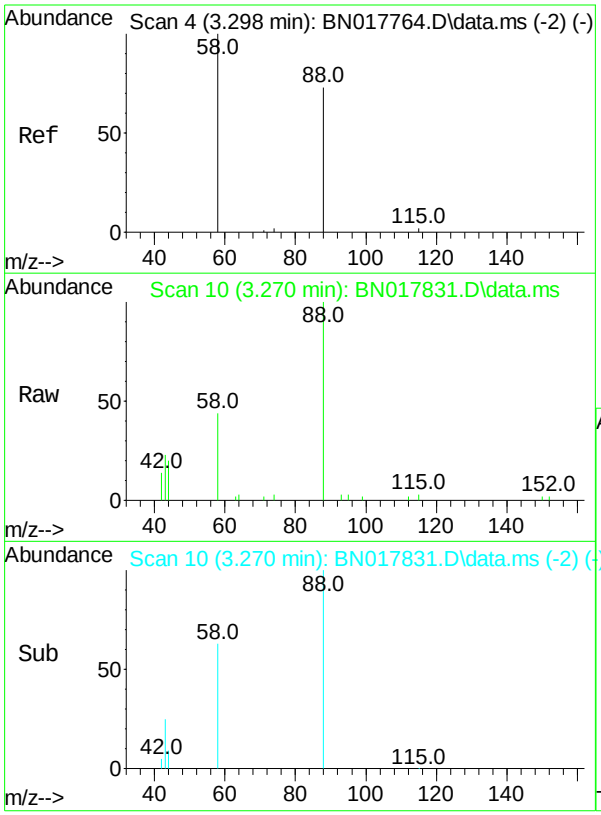
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN017831.D
Acq: 09 Dec 2021 11:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 23775

Ion	Ratio	Lower	Upper
152	100		
150	154.4	123.0	184.4
115	56.2	45.3	67.9

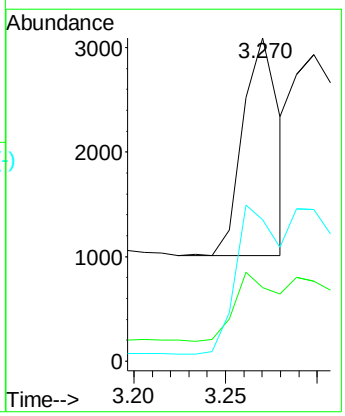


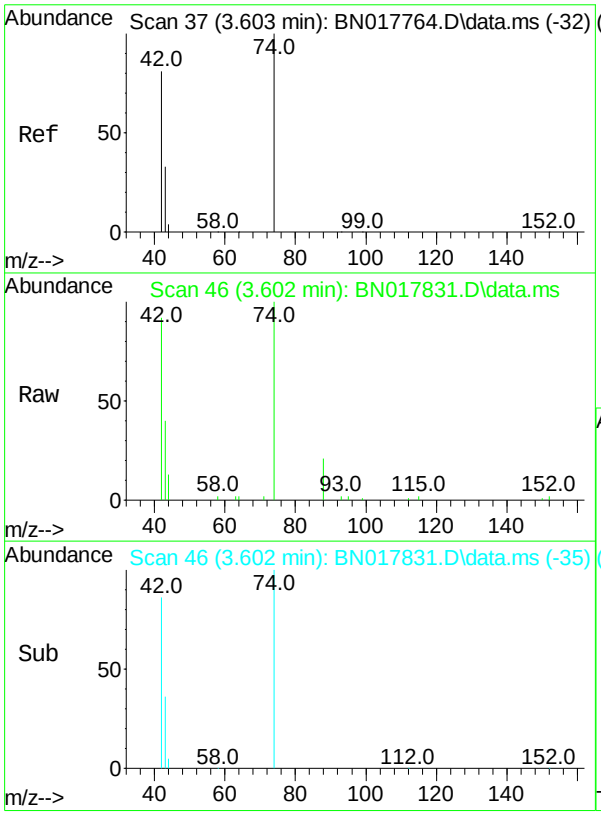


#2
1,4-Dioxane
Concen: 0.33 ng
RT: 3.270 min Scan# 10
Delta R.T. -0.028 min
Lab File: BN017831.D
Acq: 09 Dec 2021 11:46

Tgt Ion: 88 Resp: 2869

Ion	Ratio	Lower	Upper
88	100		
43	35.6	0.0	0.0#
58	80.2	0.0	0.0#



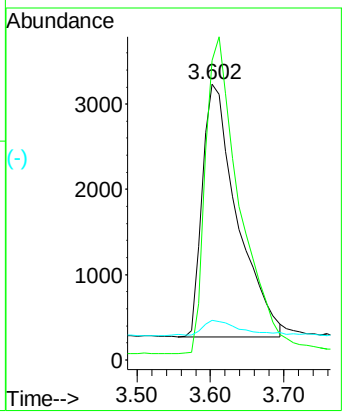


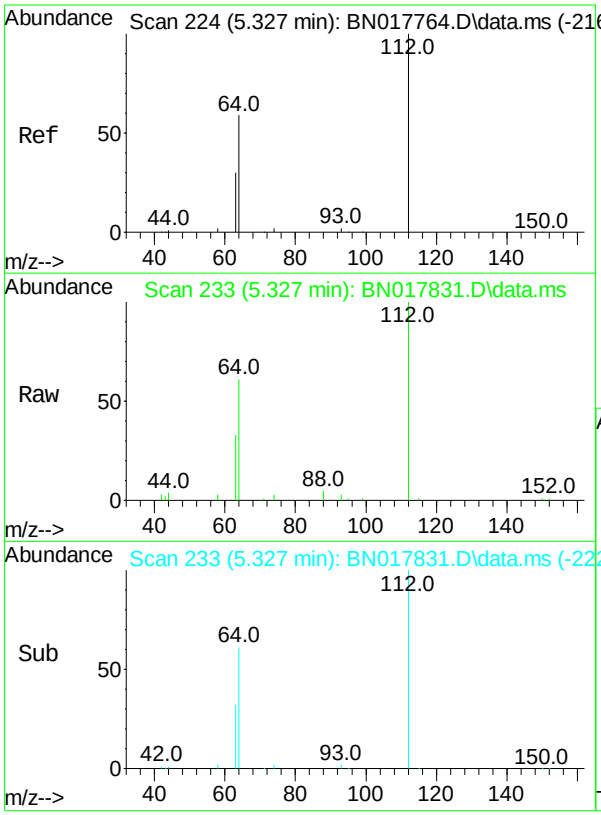
#3
n-Nitrosodimethylamine
Concen: 0.40 ng
RT: 3.602 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN017831.D
Acq: 09 Dec 2021 11:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 9747

Ion	Ratio	Lower	Upper
42	100		
74	123.7	101.3	151.9
44	6.4	5.0	7.4

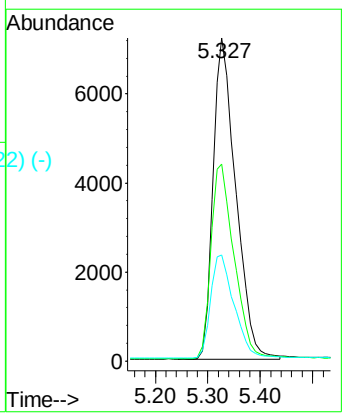


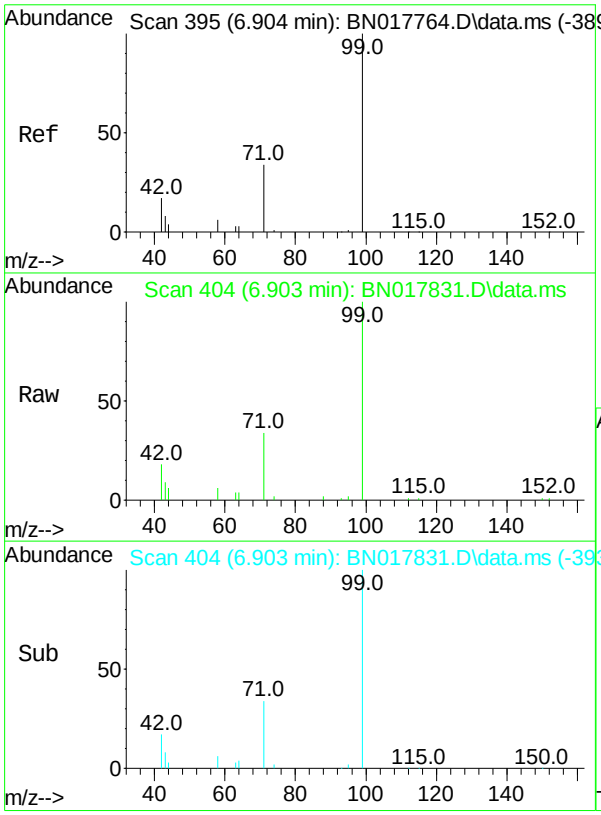


#4
2-Fluorophenol
Concen: 0.38 ng
RT: 5.327 min Scan# 233
Delta R.T. -0.000 min
Lab File: BN017831.D
Acq: 09 Dec 2021 11:46

Tgt Ion:112 Resp: 21701

Ion	Ratio	Lower	Upper
112	100		
64	61.7	49.3	73.9
63	33.1	25.8	38.8



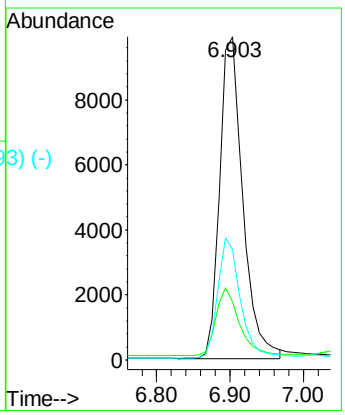


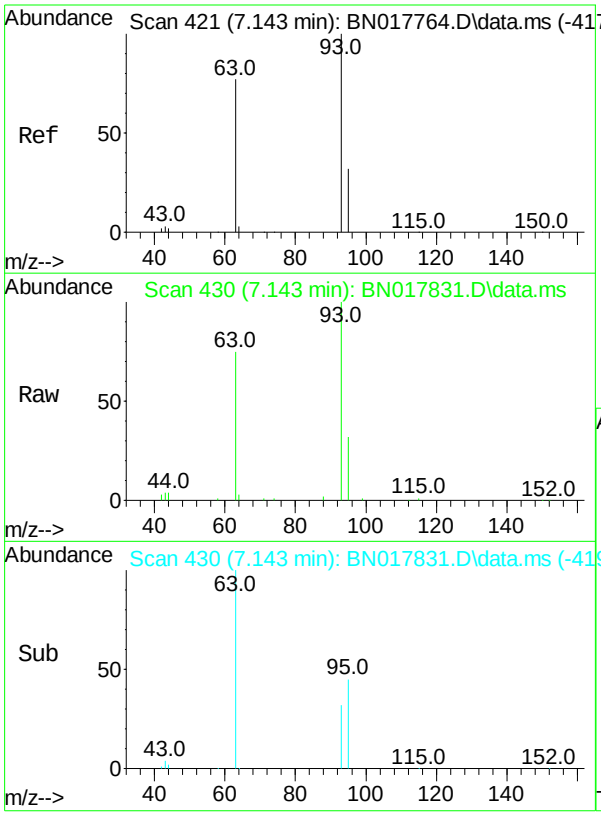
#5
Phenol-d6
Concen: 0.40 ng
RT: 6.903 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN017831.D
Acq: 09 Dec 2021 11:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 21742

Ion	Ratio	Lower	Upper
99	100		
42	21.4	16.6	25.0
71	36.5	29.0	43.4

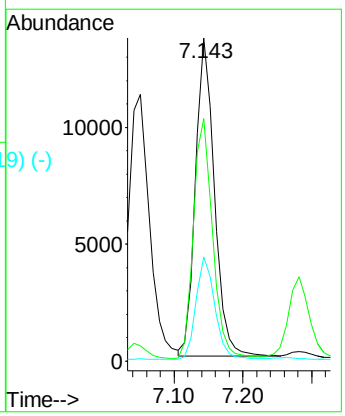


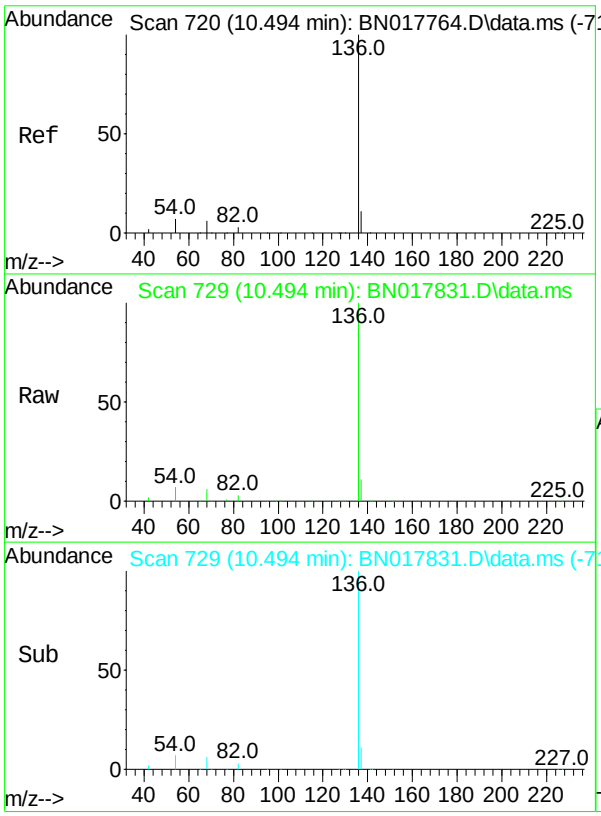


#6
bis(2-Chloroethyl)ether
Concen: 0.42 ng
RT: 7.143 min Scan# 430
Delta R.T. -0.000 min
Lab File: BN017831.D
Acq: 09 Dec 2021 11:46

Tgt Ion: 93 Resp: 25670

Ion	Ratio	Lower	Upper
93	100		
63	77.1	62.0	93.0
95	32.4	26.4	39.6



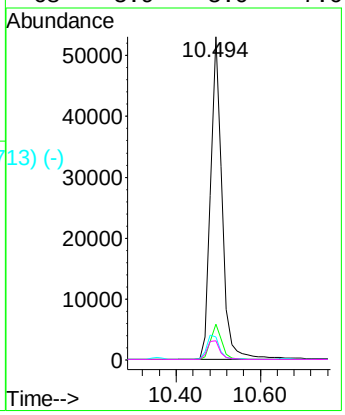


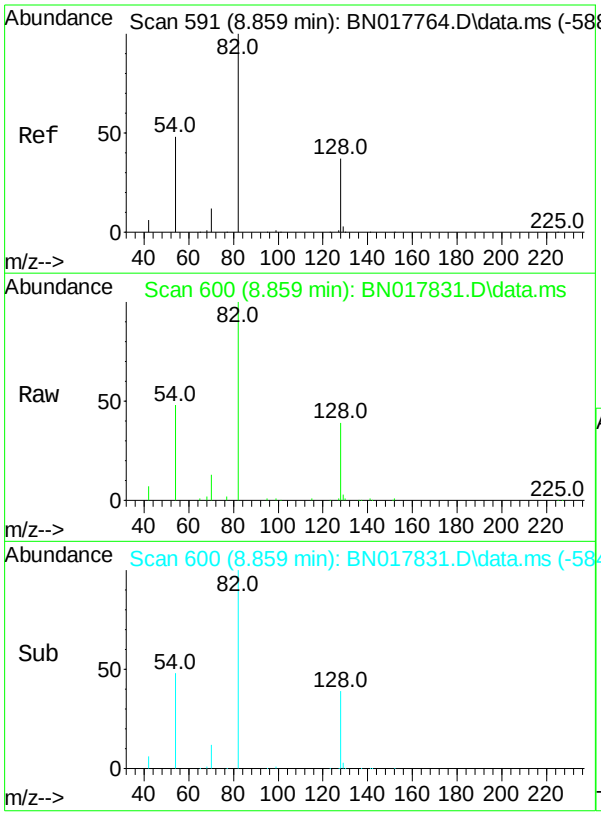
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.494 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN017831.D
Acq: 09 Dec 2021 11:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 100286

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.2	5.9	8.9
68	5.9	5.0	7.6

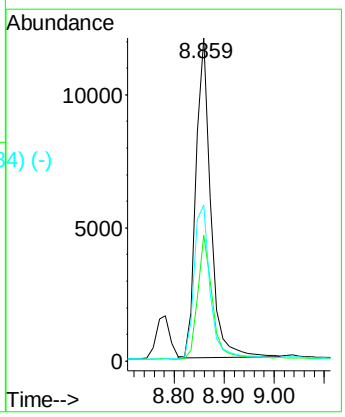


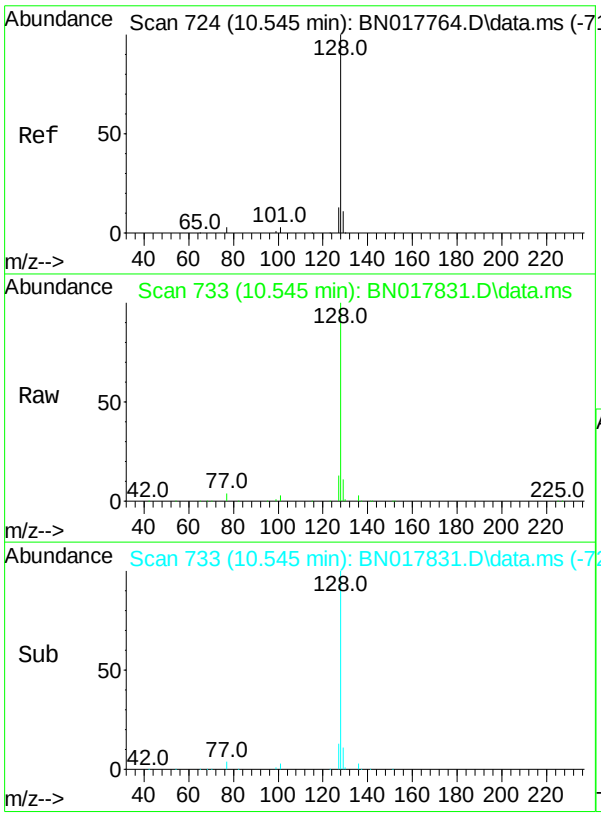


#8
Nitrobenzene-d5
Concen: 0.37 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017831.D
Acq: 09 Dec 2021 11:46

Tgt Ion: 82 Resp: 24407

Ion	Ratio	Lower	Upper
82	100		
128	39.0	30.2	45.2
54	48.4	39.0	58.6



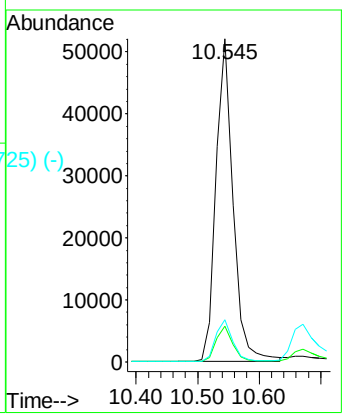


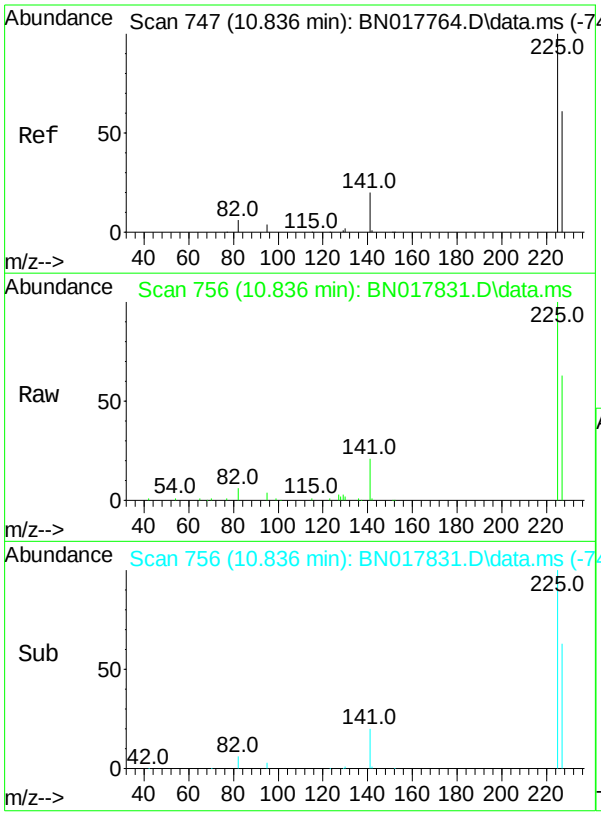
#9
Naphthalene
Concen: 0.38 ng
RT: 10.545 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN017831.D
Acq: 09 Dec 2021 11:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 99764

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.0	10.6	15.8

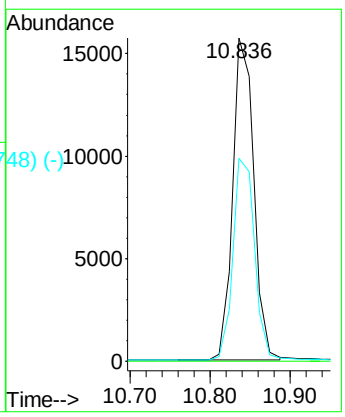


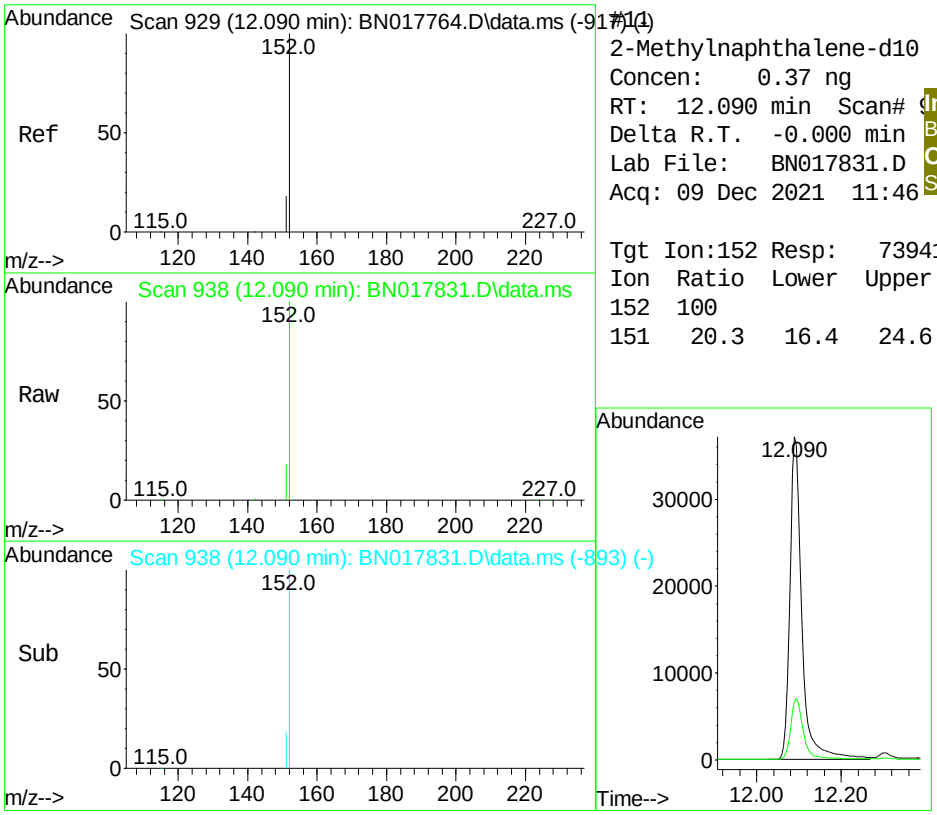


#10
Hexachlorobutadiene
Concen: 0.38 ng
RT: 10.836 min Scan# 756
Delta R.T. -0.000 min
Lab File: BN017831.D
Acq: 09 Dec 2021 11:46

Tgt Ion:225 Resp: 28901

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.1	50.9	76.3



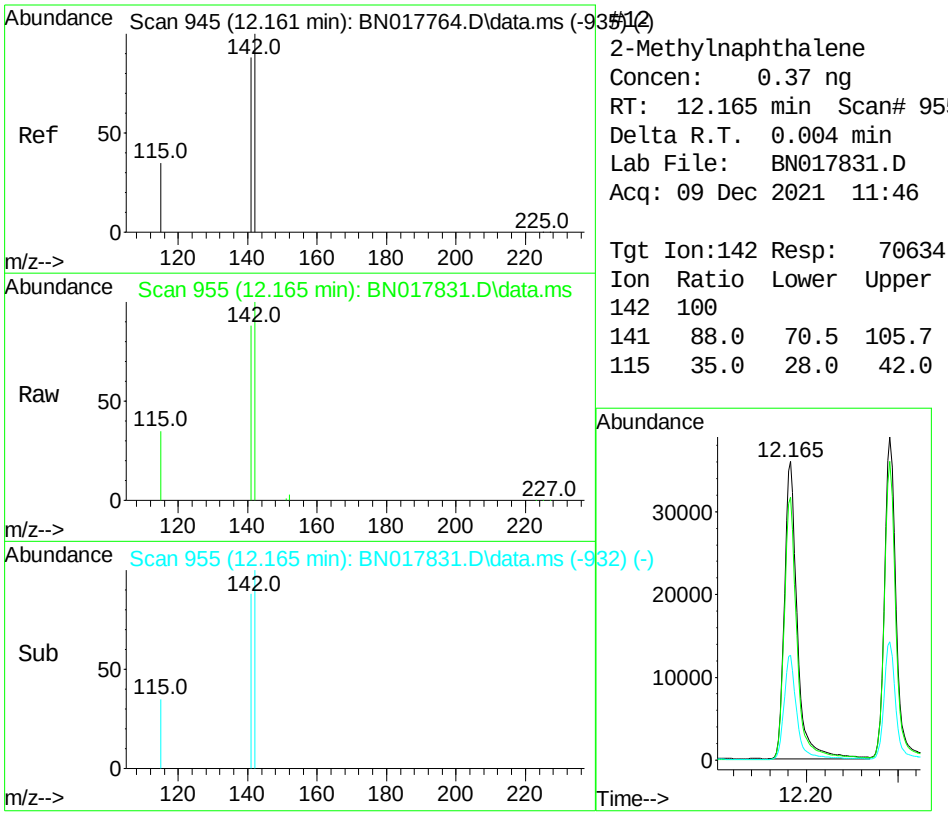


#11
2-Methylnaphthalene-d10
Concen: 0.37 ng
RT: 12.090 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN017831.D
Acq: 09 Dec 2021 11:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 73941

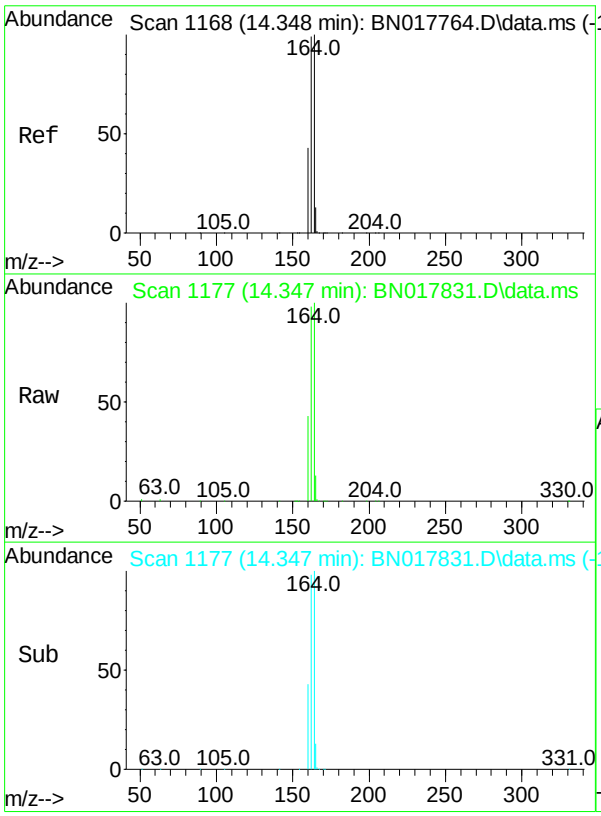
Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.4	24.6



#12
2-Methylnaphthalene
Concen: 0.37 ng
RT: 12.165 min Scan# 955
Delta R.T. 0.004 min
Lab File: BN017831.D
Acq: 09 Dec 2021 11:46

Tgt Ion:142 Resp: 70634

Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.5	105.7
115	35.0	28.0	42.0

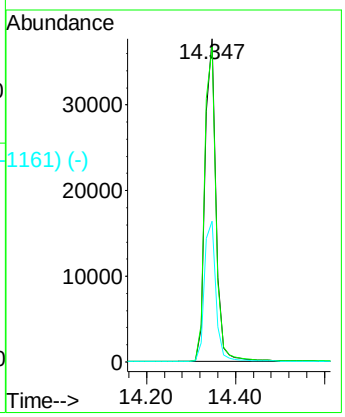


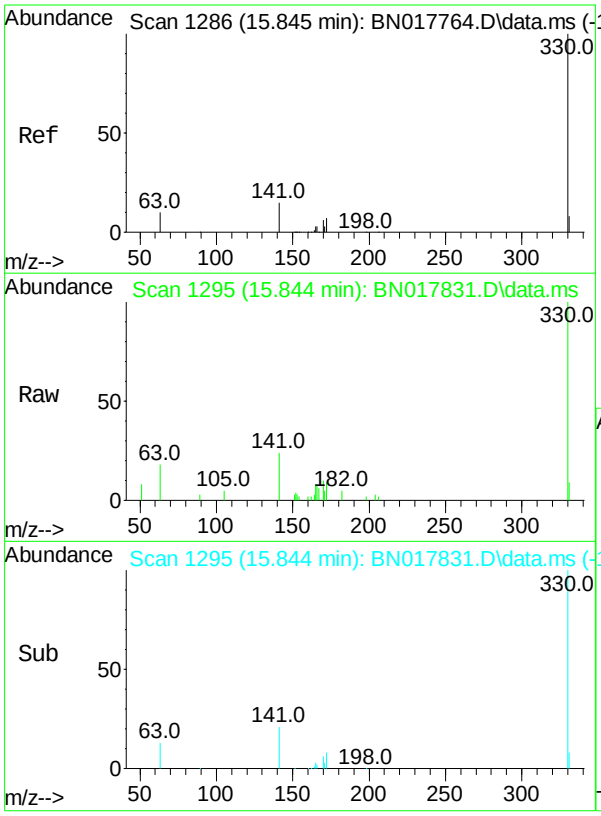
#12
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017831.D
Acq: 09 Dec 2021 11:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 64577

Ion	Ratio	Lower	Upper
164	100		
162	97.5	79.0	118.6
160	43.5	34.6	52.0

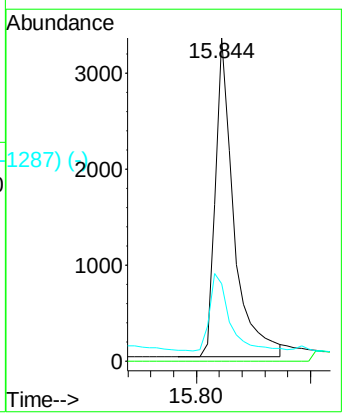


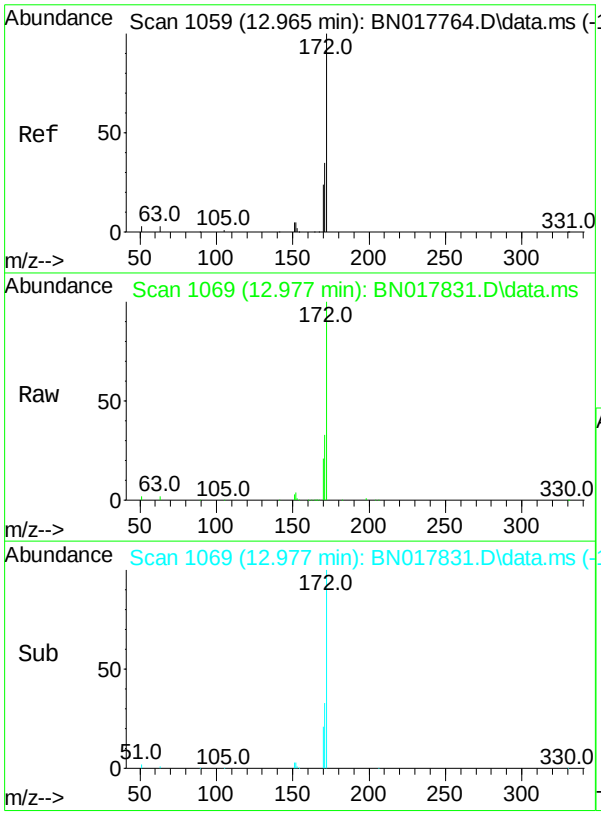


#14
2,4,6-Tribromophenol
Concen: 0.22 ng
RT: 15.844 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BN017831.D
Acq: 09 Dec 2021 11:46

Tgt Ion:330 Resp: 7461

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



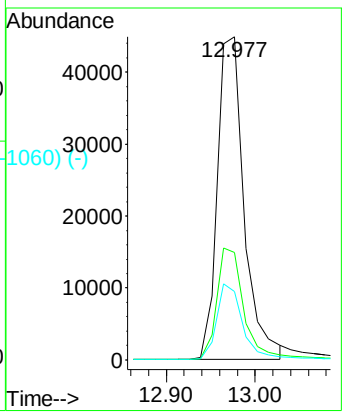


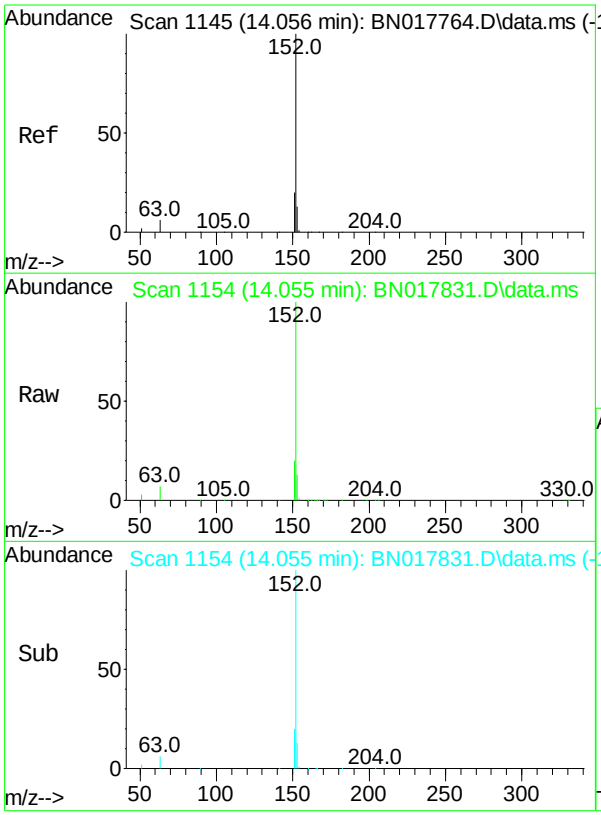
#15
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 12.977 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN017831.D
Acq: 09 Dec 2021 11:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 94090

Ion	Ratio	Lower	Upper
172	100		
171	33.4	28.1	42.1
170	21.2	18.9	28.3

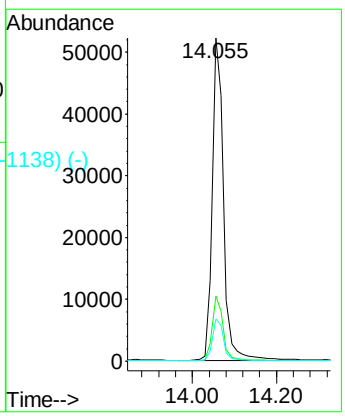


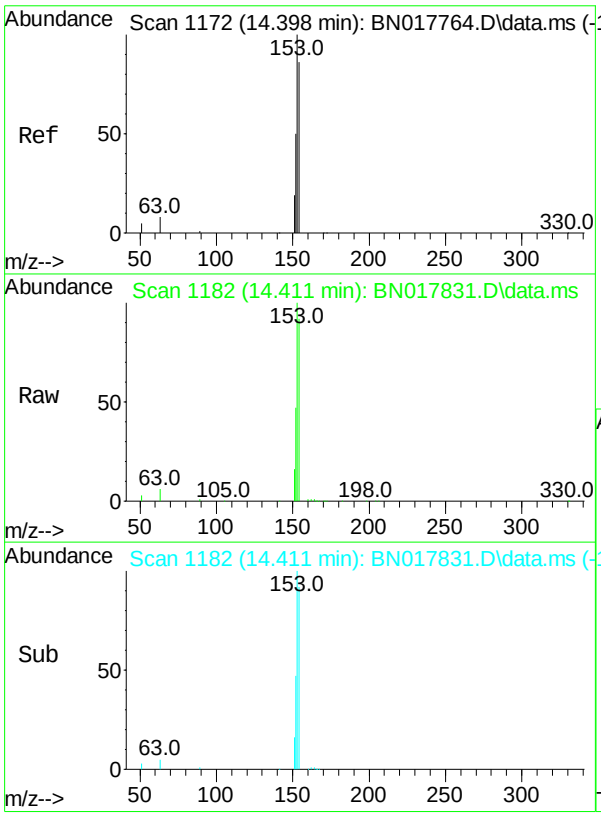


#16
Acenaphthylene
Concen: 0.38 ng
RT: 14.055 min Scan# 1154
Delta R.T. -0.000 min
Lab File: BN017831.D
Acq: 09 Dec 2021 11:46

Tgt Ion:152 Resp: 96836

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.1	10.4	15.6



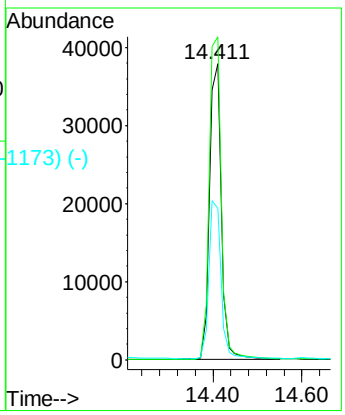


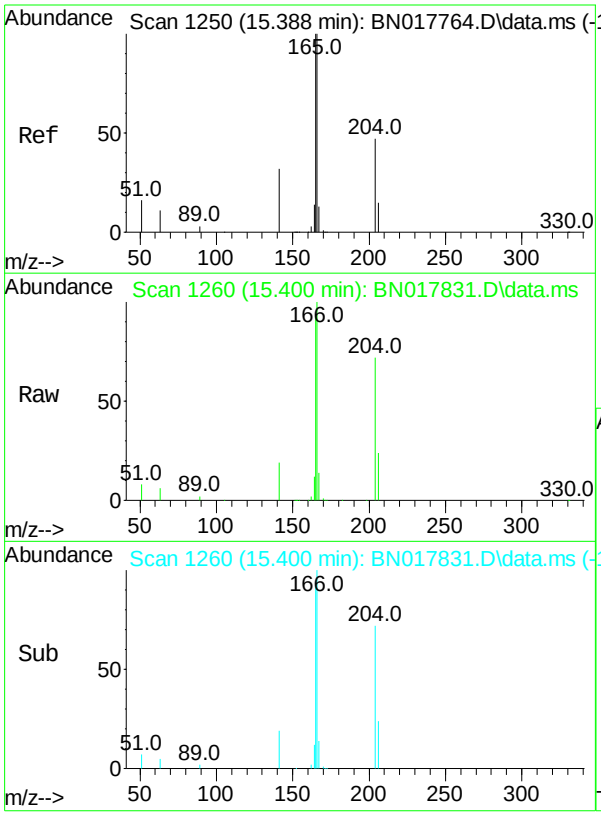
#17
Acenaphthene
Concen: 0.41 ng
RT: 14.411 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN017831.D
Acq: 09 Dec 2021 11:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 68727

Ion	Ratio	Lower	Upper
154	100		
153	112.4	90.1	135.1
152	54.5	43.7	65.5

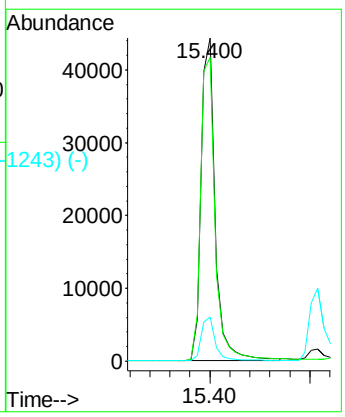


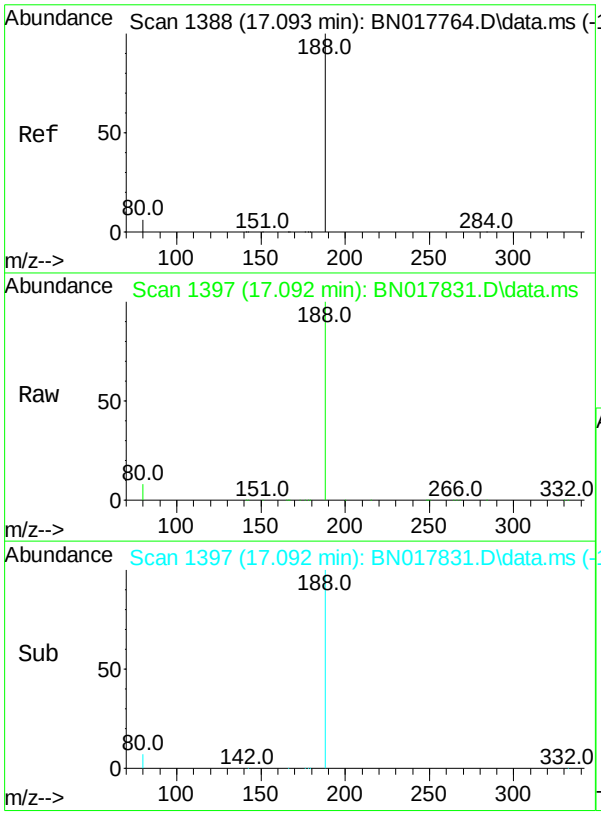


#18
Fluorene
Concen: 0.40 ng
RT: 15.400 min Scan# 1260
Delta R.T. 0.012 min
Lab File: BN017831.D
Acq: 09 Dec 2021 11:46

Tgt Ion:166 Resp: 85514

Ion	Ratio	Lower	Upper
166	100		
165	97.0	77.8	116.8
167	13.6	11.0	16.4



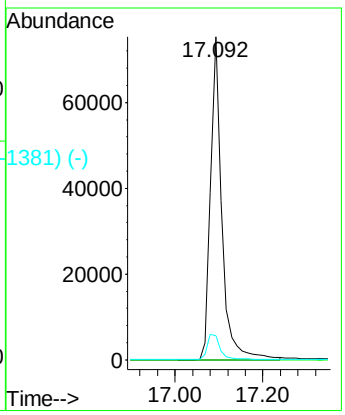


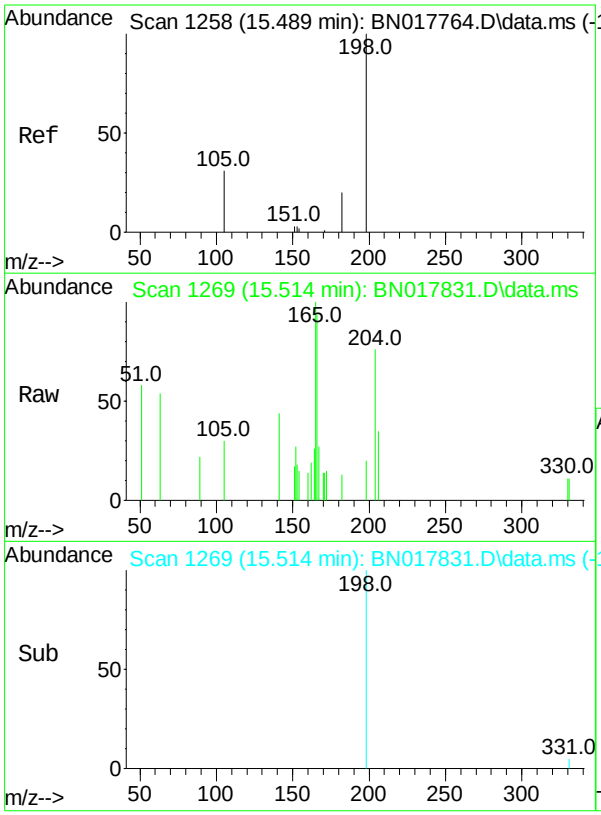
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.092 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017831.D
Acq: 09 Dec 2021 11:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 134428

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.6	5.1	7.7

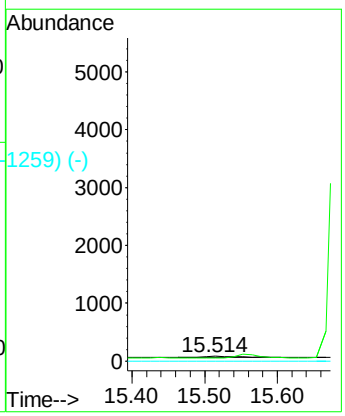


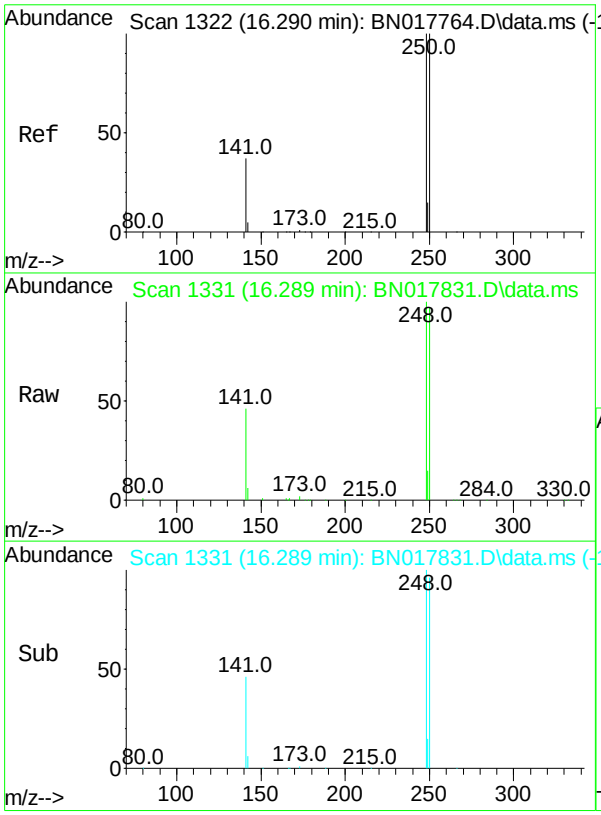


#20
4,6-Dinitro-2-methylphenol
Concen: 0.15 ng
RT: 15.514 min Scan# 1269
Delta R.T. 0.025 min
Lab File: BN017831.D
Acq: 09 Dec 2021 11:46

Tgt Ion:198 Resp: 93

Ion	Ratio	Lower	Upper
198	100		
182	66.3	44.2	66.2#
77	0.0	0.0	0.0



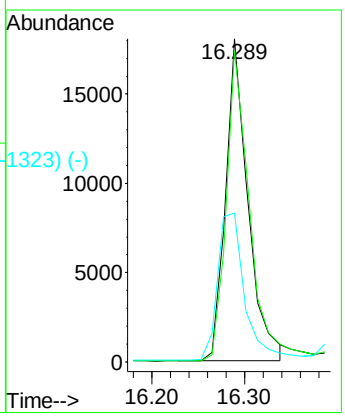


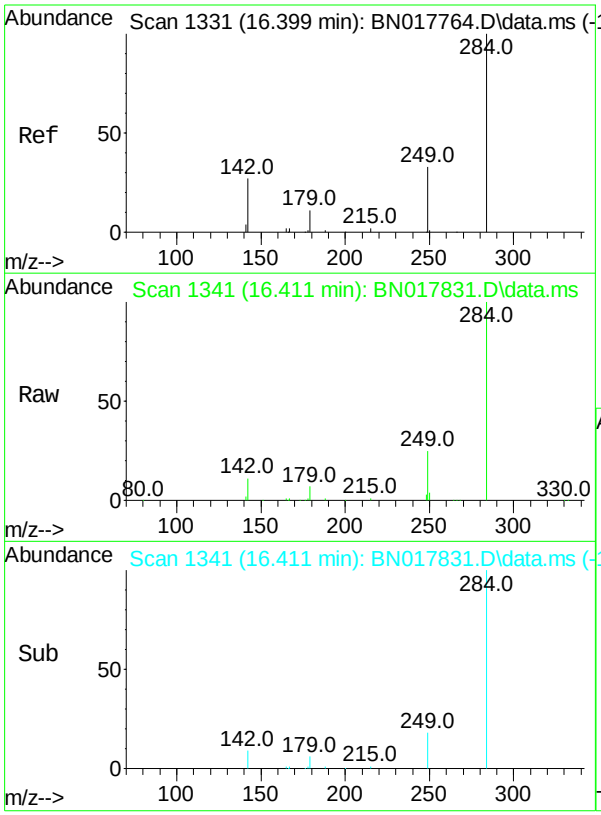
#21
4-Bromophenyl-phenylether
Concen: 0.37 ng
RT: 16.289 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017831.D
Acq: 09 Dec 2021 11:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:248 Resp: 30423

Ion	Ratio	Lower	Upper
248	100		
250	96.5	80.3	120.5
141	46.1	29.8	44.8#

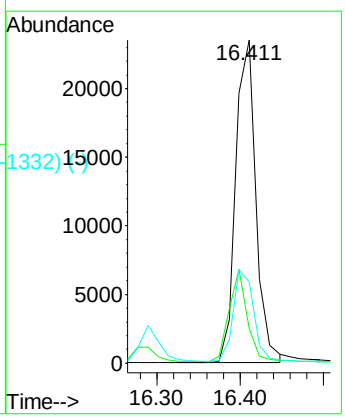


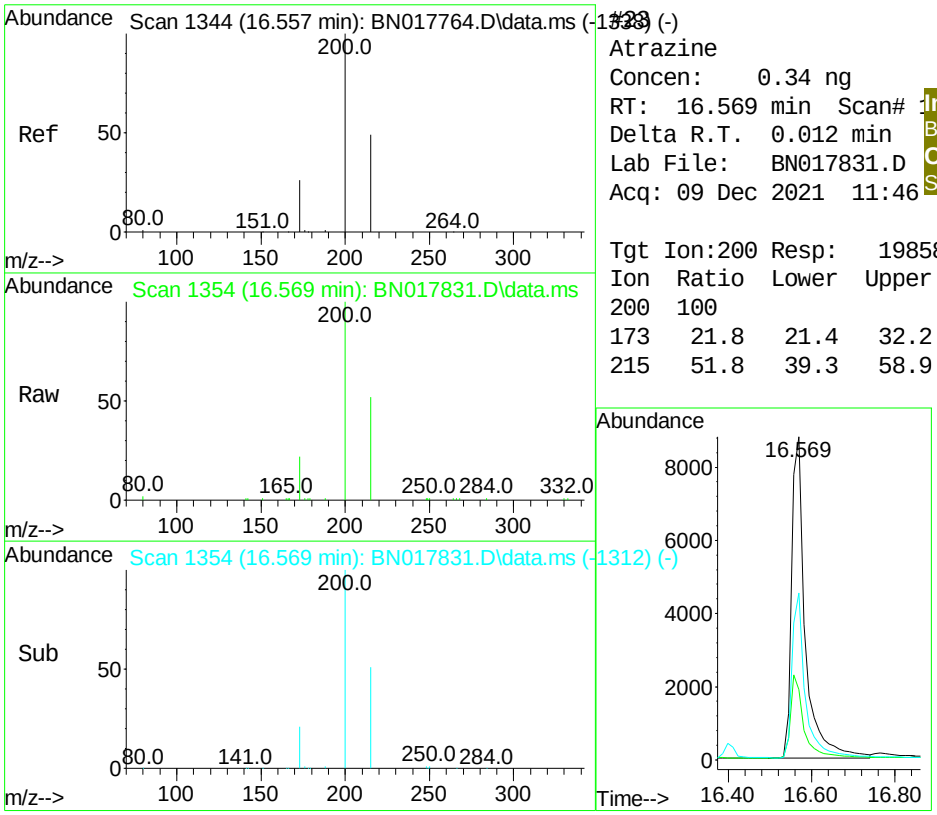


#22
Hexachlorobenzene
Concen: 0.41 ng
RT: 16.411 min Scan# 1341
Delta R.T. 0.012 min
Lab File: BN017831.D
Acq: 09 Dec 2021 11:46

Tgt Ion:284 Resp: 39558

Ion	Ratio	Lower	Upper
284	100		
142	25.8	21.0	31.4
249	28.7	23.9	35.9



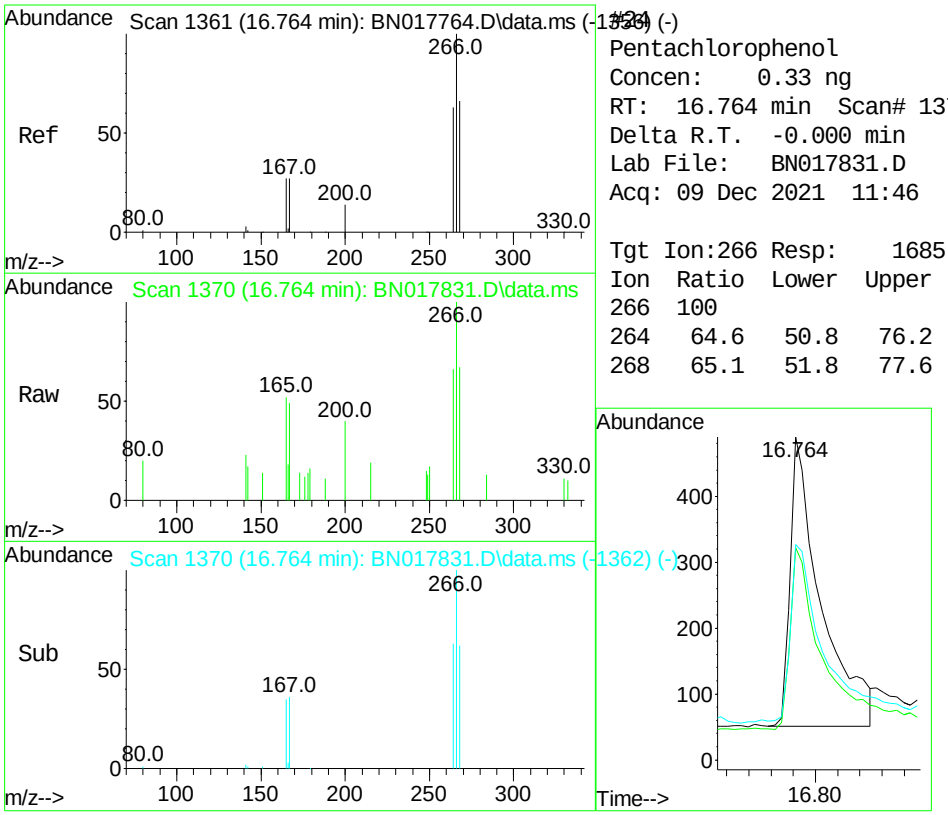


#28
Atrazine
Concen: 0.34 ng
RT: 16.569 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN017831.D
Acq: 09 Dec 2021 11:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:200 Resp: 19858

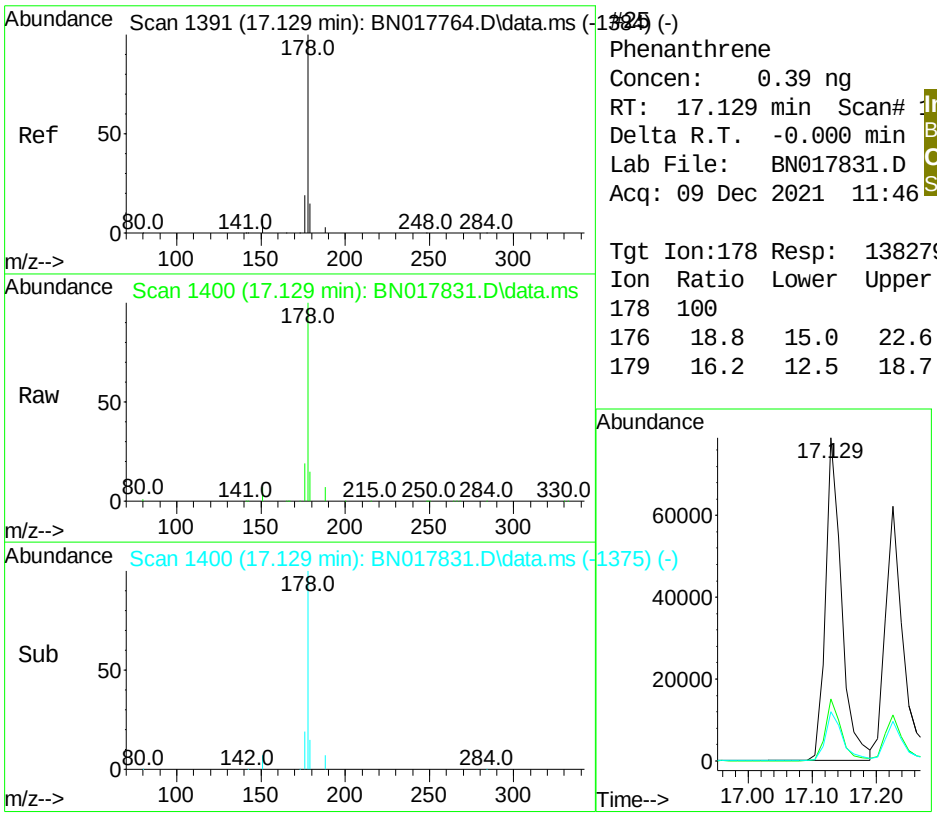
Ion	Ratio	Lower	Upper
200	100		
173	21.8	21.4	32.2
215	51.8	39.3	58.9



#34
Pentachlorophenol
Concen: 0.33 ng
RT: 16.764 min Scan# 1370
Delta R.T. -0.000 min
Lab File: BN017831.D
Acq: 09 Dec 2021 11:46

Tgt Ion:266 Resp: 1685

Ion	Ratio	Lower	Upper
266	100		
264	64.6	50.8	76.2
268	65.1	51.8	77.6

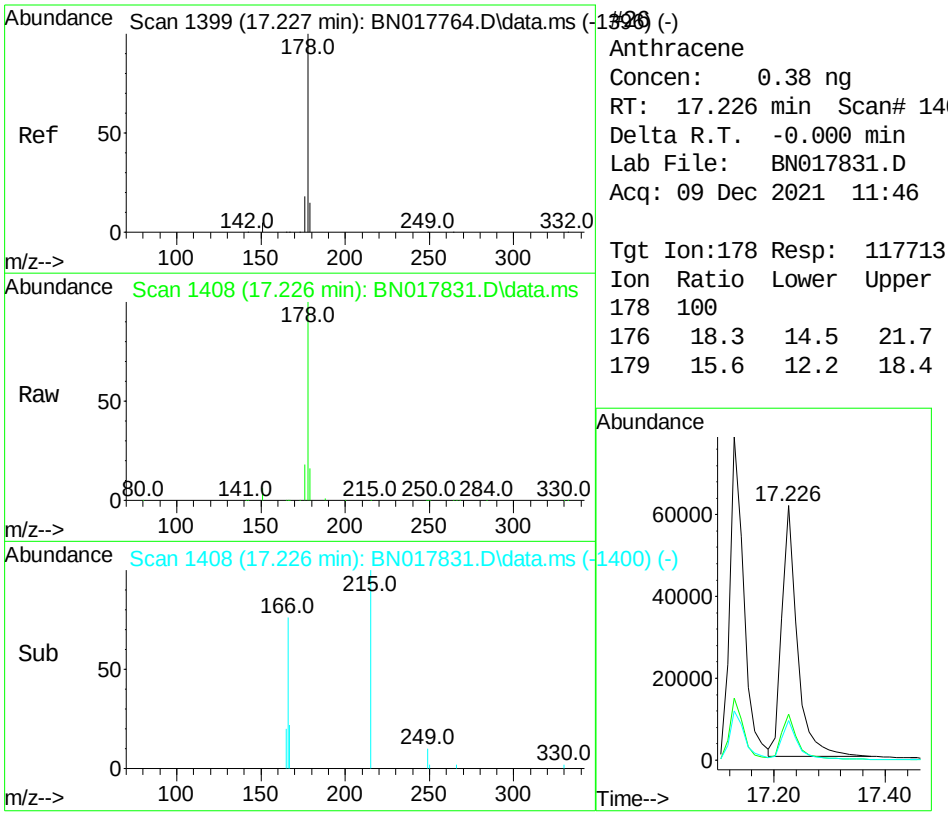


#25
Phenanthrene
Concen: 0.39 ng
RT: 17.129 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017831.D
Acq: 09 Dec 2021 11:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 138279

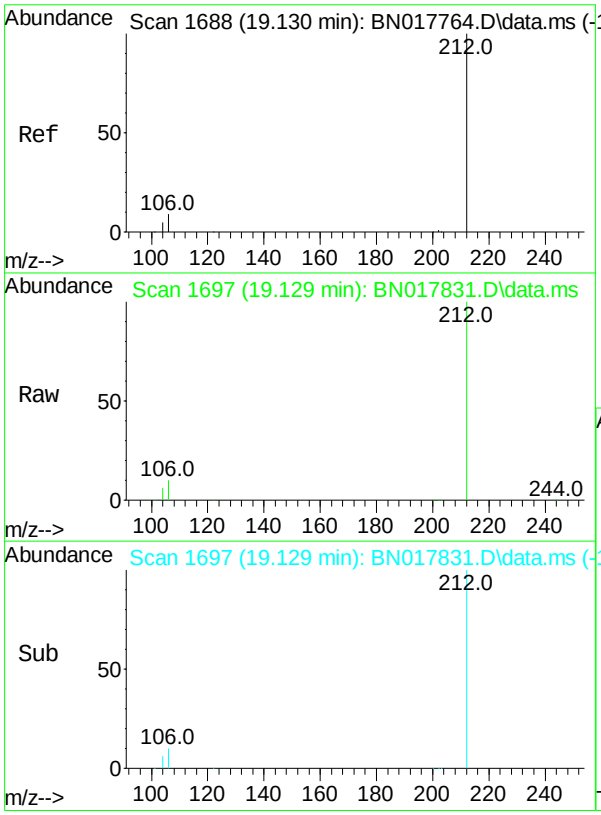
Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	16.2	12.5	18.7



#26
Anthracene
Concen: 0.38 ng
RT: 17.226 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BN017831.D
Acq: 09 Dec 2021 11:46

Tgt Ion:178 Resp: 117713

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.5	21.7
179	15.6	12.2	18.4

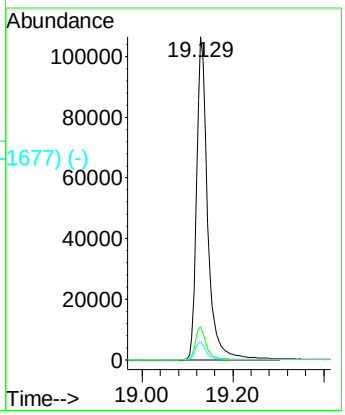


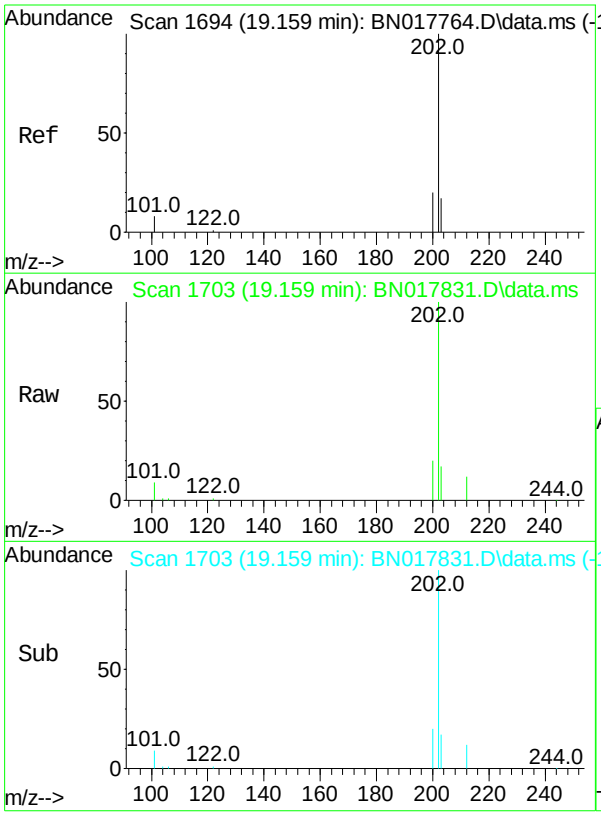
#27
Fluoranthene-d10
Concen: 0.39 ng
RT: 19.129 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017831.D
Acq: 09 Dec 2021 11:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 177069

Ion	Ratio	Lower	Upper
212	100		
106	10.2	8.2	12.2
104	5.6	4.6	6.8

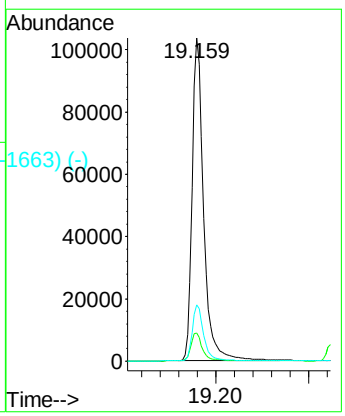


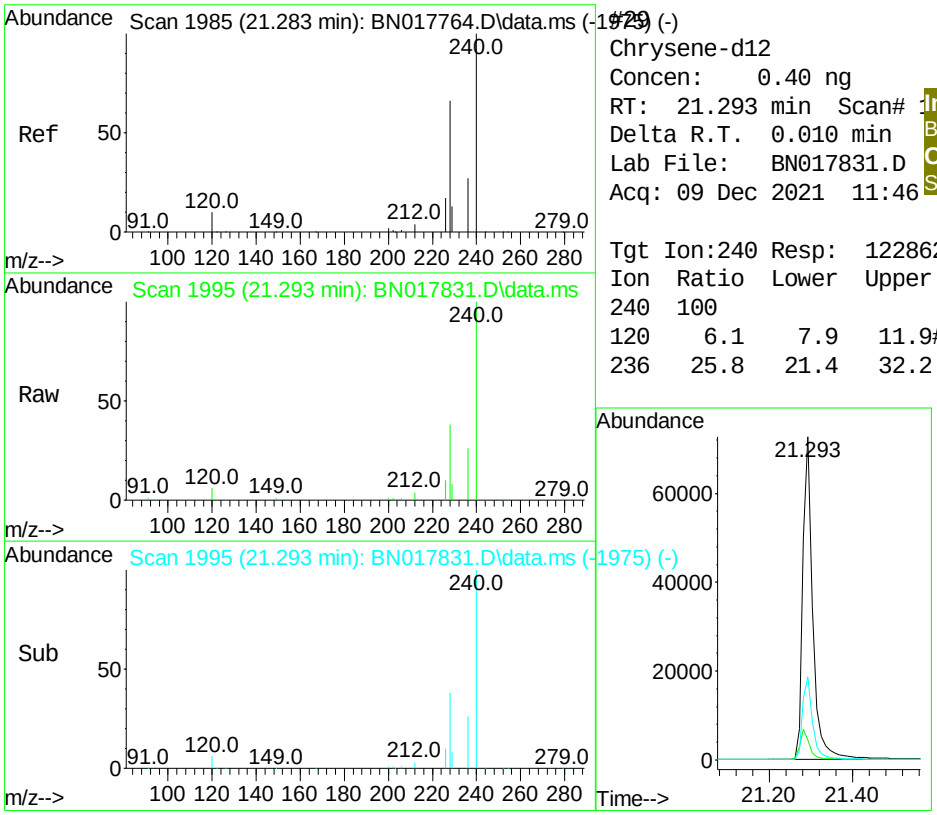


#28
Fluoranthene
Concen: 0.41 ng
RT: 19.159 min Scan# 1703
Delta R.T. -0.000 min
Lab File: BN017831.D
Acq: 09 Dec 2021 11:46

Tgt Ion:202 Resp: 176010

Ion	Ratio	Lower	Upper
202	100		
101	9.2	7.2	10.8
203	17.2	13.7	20.5



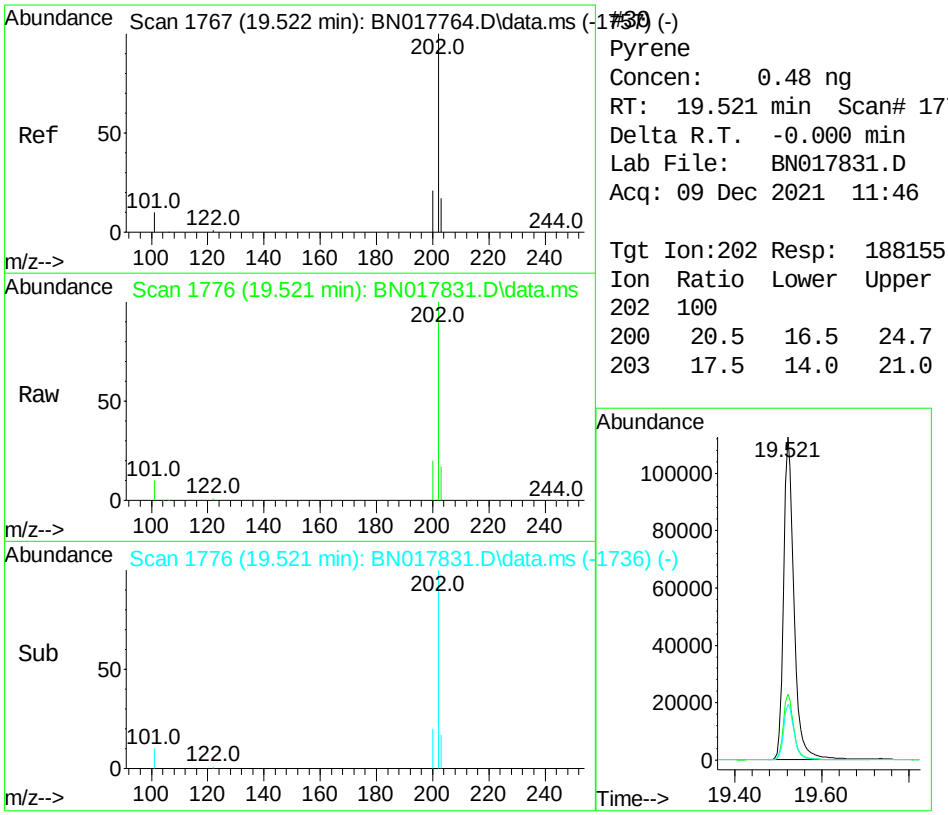


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.293 min Scan# 1
Delta R.T. 0.010 min
Lab File: BN017831.D
Acq: 09 Dec 2021 11:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 122862

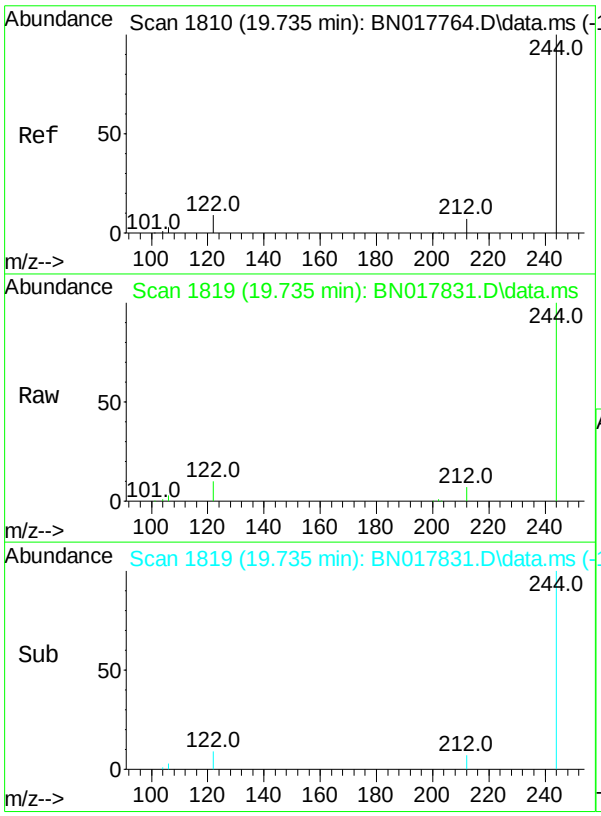
Ion	Ratio	Lower	Upper
240	100		
120	6.1	7.9	11.9#
236	25.8	21.4	32.2



#30
Pyrene
Concen: 0.48 ng
RT: 19.521 min Scan# 1776
Delta R.T. -0.000 min
Lab File: BN017831.D
Acq: 09 Dec 2021 11:46

Tgt Ion:202 Resp: 188155

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

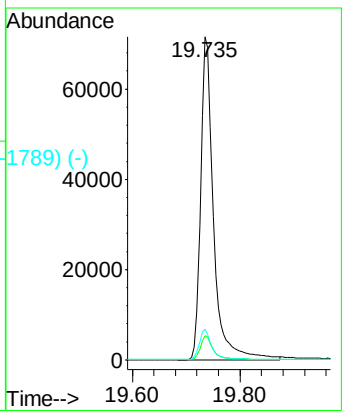


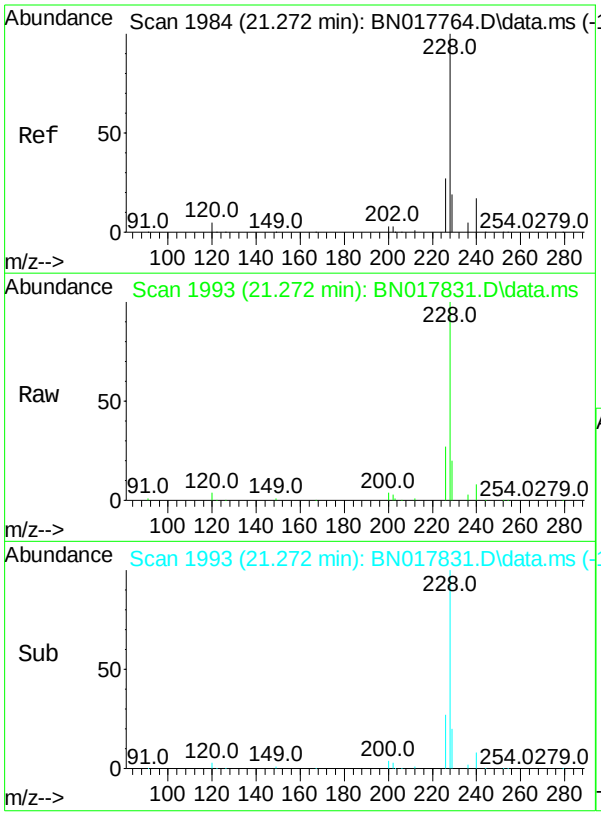
#31
Terphenyl-d14
Concen: 0.45 ng
RT: 19.735 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017831.D
Acq: 09 Dec 2021 11:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 118374

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	9.5	7.1	10.7

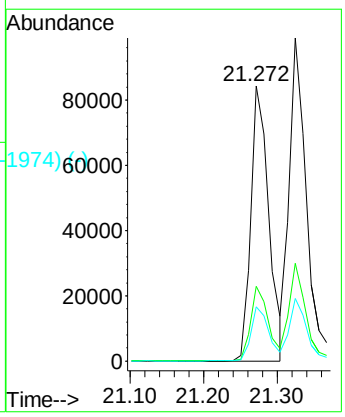


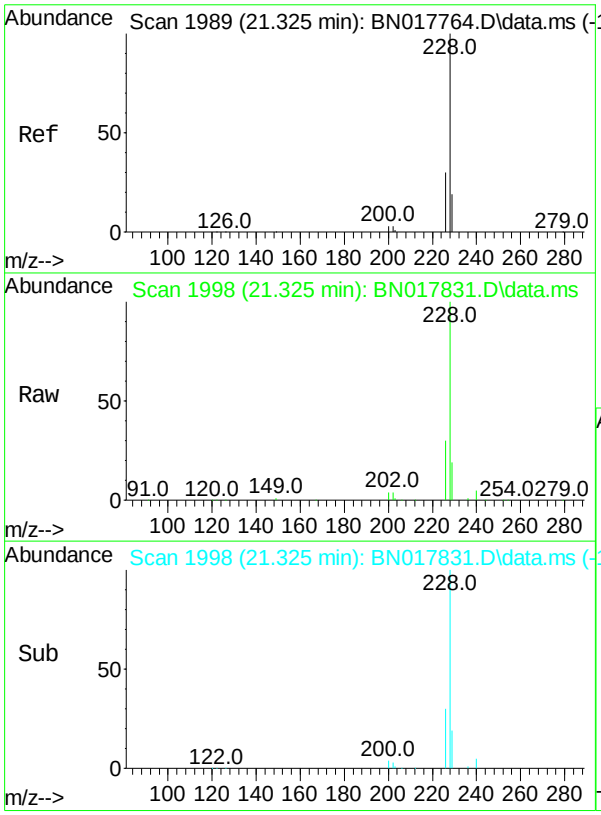


#32
Benzo(a)anthracene
Concen: 0.38 ng
RT: 21.272 min Scan# 1993
Delta R.T. -0.000 min
Lab File: BN017831.D
Acq: 09 Dec 2021 11:46

Tgt Ion:228 Resp: 143009

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.4	32.0
229	19.6	15.7	23.5



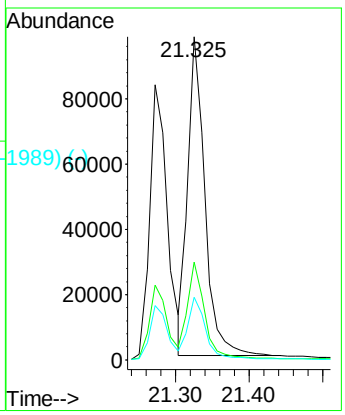


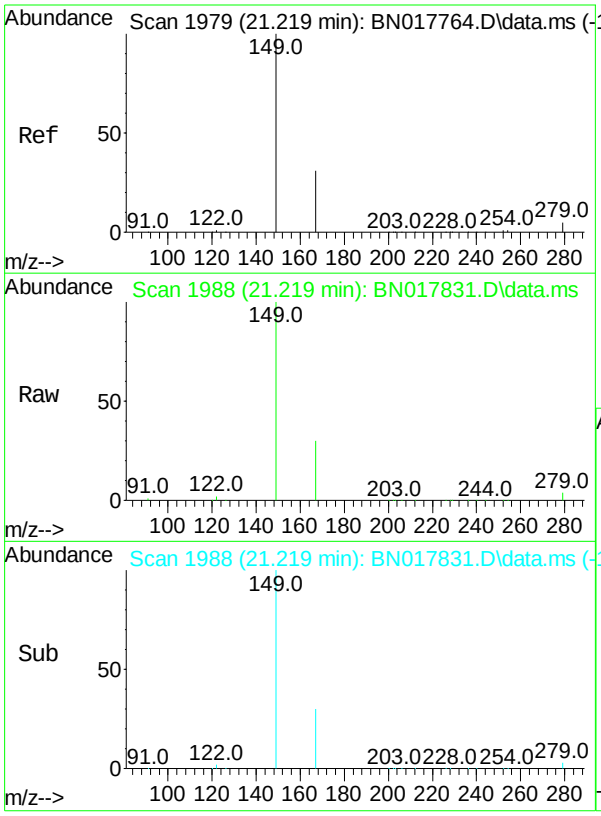
#33
Chrysene
Concen: 0.40 ng
RT: 21.325 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017831.D
Acq: 09 Dec 2021 11:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 158468

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.6	35.4
229	19.4	15.6	23.4

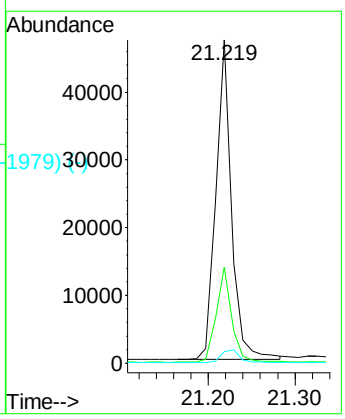


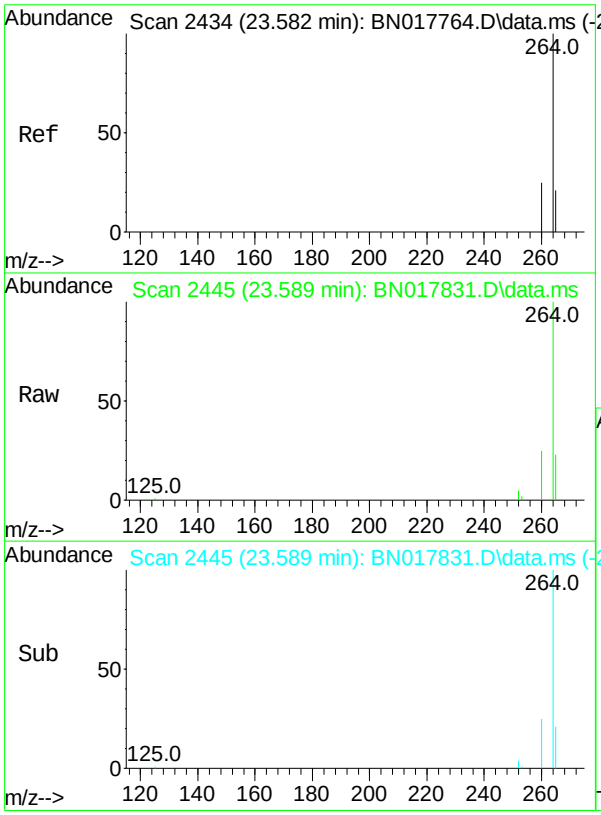


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.34 ng
RT: 21.219 min Scan# 1988
Delta R.T. -0.000 min
Lab File: BN017831.D
Acq: 09 Dec 2021 11:46

Tgt Ion:149 Resp: 58163

Ion	Ratio	Lower	Upper
149	100		
167	29.5	23.5	35.3
279	4.8	3.8	5.6



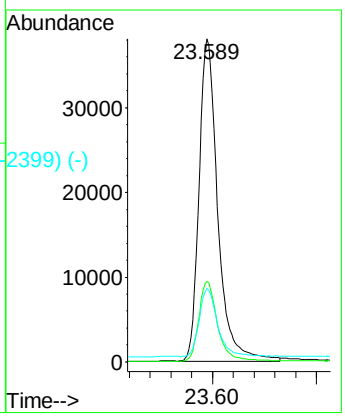


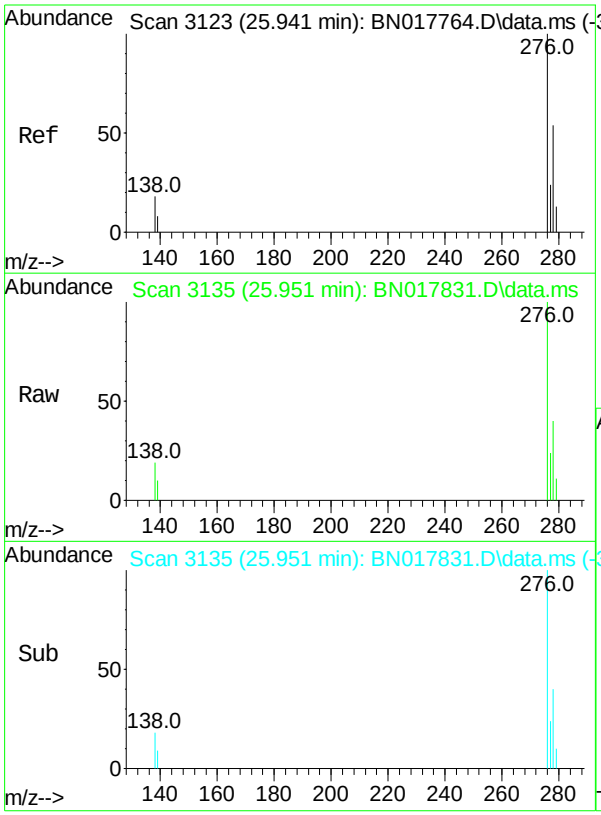
#35
Perylene-d12
Concen: 0.40 ng
RT: 23.589 min Scan# 2
Delta R.T. 0.007 min
Lab File: BN017831.D
Acq: 09 Dec 2021 11:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:264 Resp: 95188

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.0	30.0
265	22.7	20.5	30.7

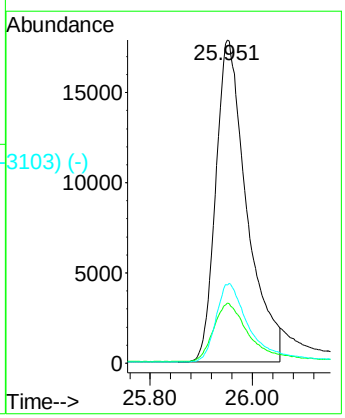


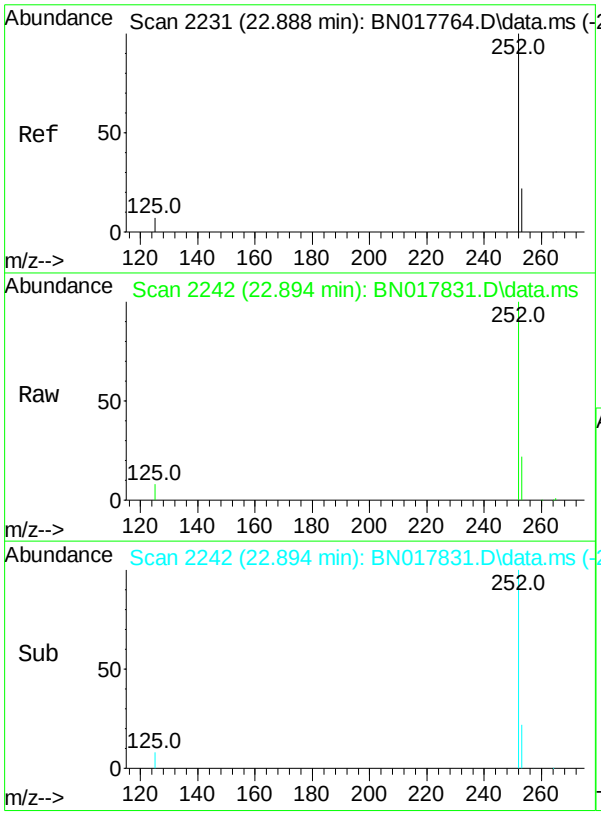


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.28 ng
RT: 25.951 min Scan# 3135
Delta R.T. 0.010 min
Lab File: BN017831.D
Acq: 09 Dec 2021 11:46

Tgt Ion:276 Resp: 75114

Ion	Ratio	Lower	Upper
276	100		
138	20.1	15.0	22.4
277	24.9	19.8	29.8



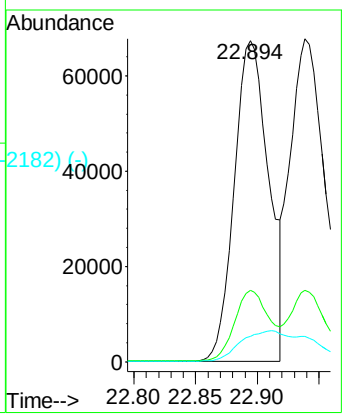


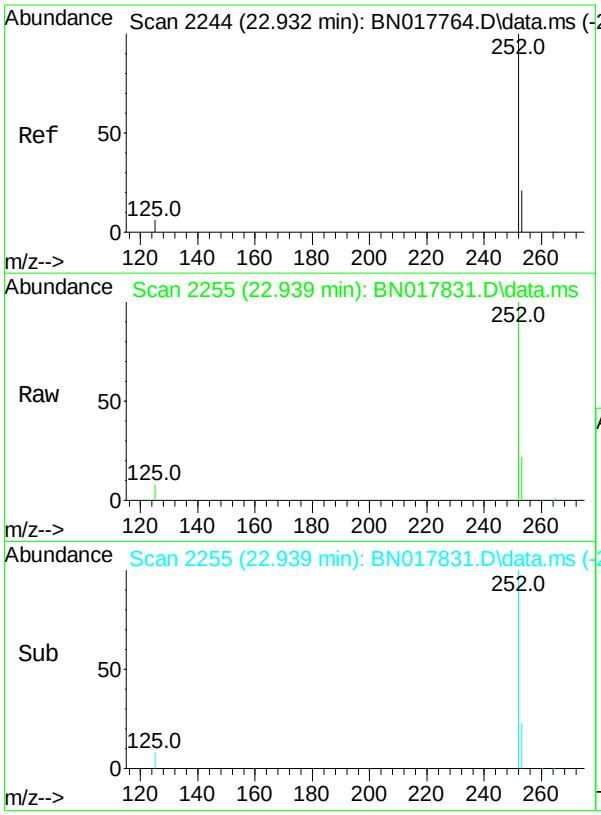
#37
Benzo(b)fluoranthene
Concen: 0.40 ng
RT: 22.894 min Scan# 2
Delta R.T. 0.006 min
Lab File: BN017831.D
Acq: 09 Dec 2021 11:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 130166

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	8.0	6.2	9.2

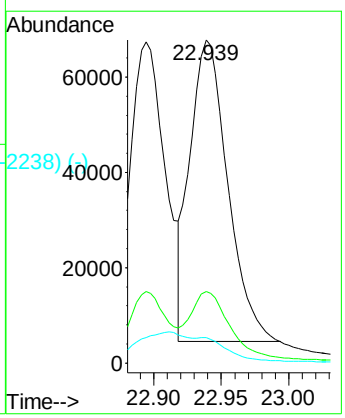


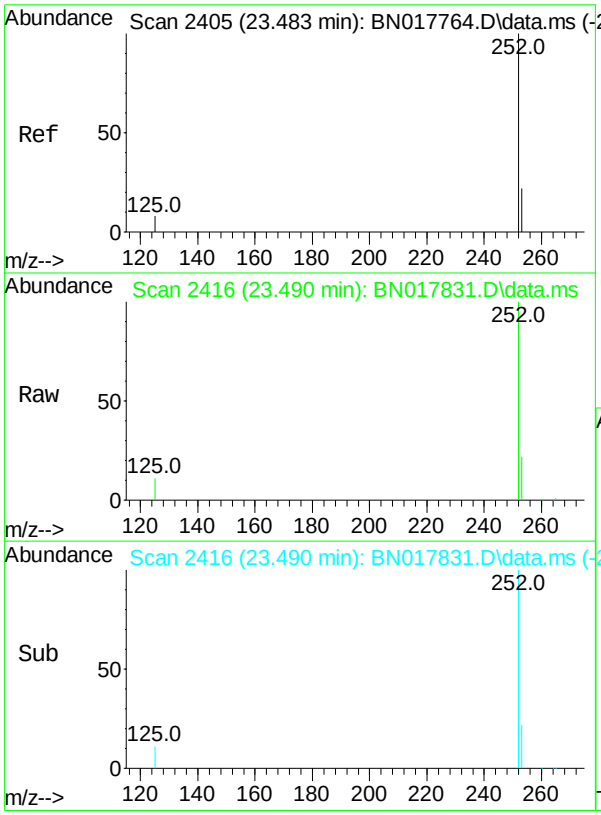


#38
Benzo(k)fluoranthene
Concen: 0.40 ng
RT: 22.939 min Scan# 2255
Delta R.T. 0.007 min
Lab File: BN017831.D
Acq: 09 Dec 2021 11:46

Tgt Ion:252 Resp: 123150

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	7.9	6.2	9.2



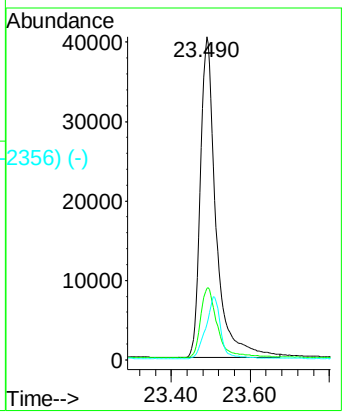


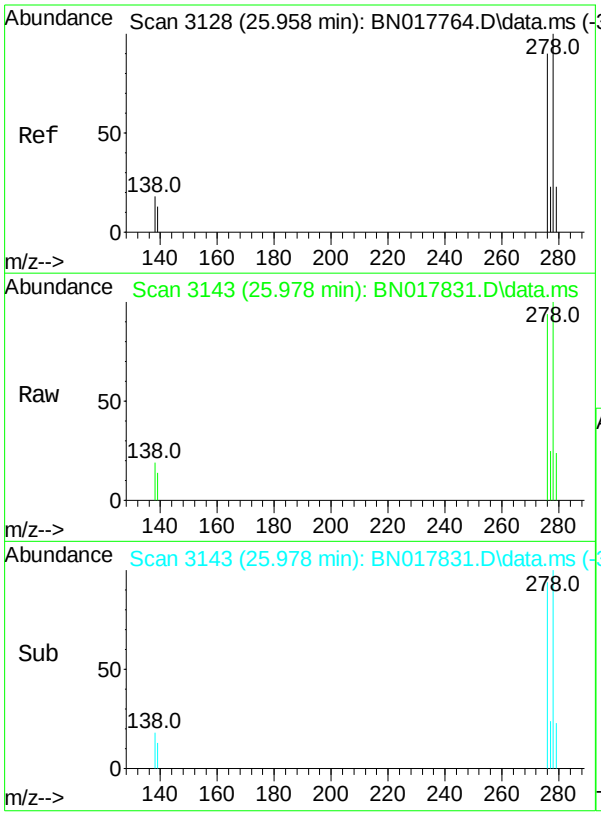
#39
Benzo(a)pyrene
Concen: 0.38 ng
RT: 23.490 min Scan# 2
Delta R.T. 0.006 min
Lab File: BN017831.D
Acq: 09 Dec 2021 11:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 111272

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	11.2	7.0	10.4#

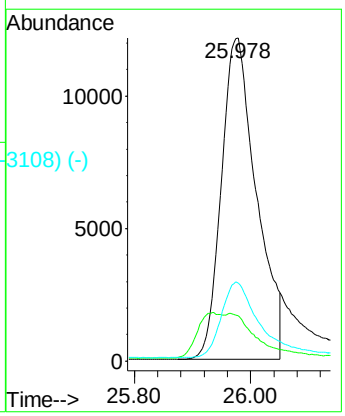


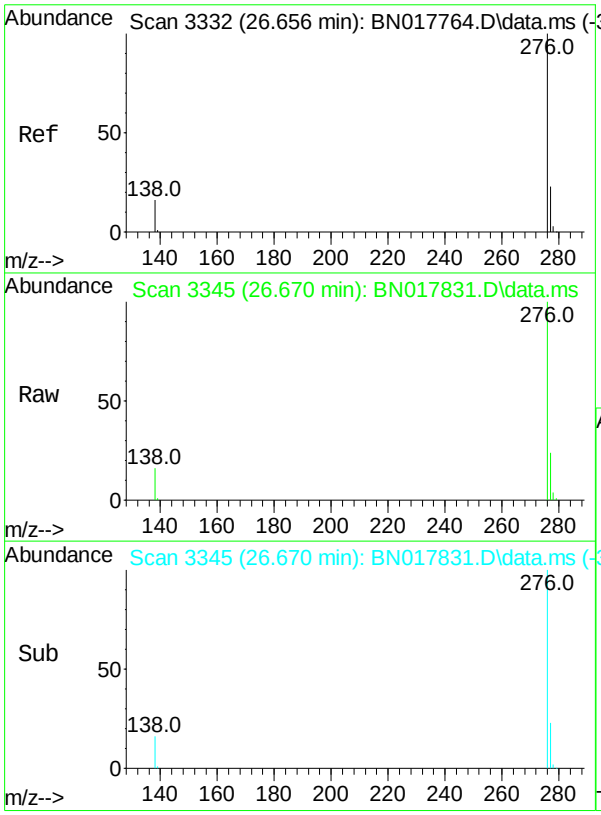


#40
Dibenzo(a,h)anthracene
Concen: 0.25 ng
RT: 25.978 min Scan# 3143
Delta R.T. 0.020 min
Lab File: BN017831.D
Acq: 09 Dec 2021 11:46

Tgt Ion:278 Resp: 50788

Ion	Ratio	Lower	Upper
278	100		
139	14.0	10.8	16.2
279	24.1	19.1	28.7





#41
Benzo(g,h,i)perylene
Concen: 0.31 ng
RT: 26.670 min Scan# 1
Delta R.T. 0.013 min
Lab File: BN017831.D
Acq: 09 Dec 2021 11:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 67253

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.1	28.7
138	16.1	13.2	19.8