Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120921\
Data File : BN017835.D
Acq On : 09 Dec 2021 14:25
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Dec 10 06:47:11 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	19087	0.40	ng	0.00
7) Naphthalene-d8	10.494	136	76539	0.40	ng	0.00
13) Acenaphthene-d10	14.347	164	48248	0.40	ng	0.00
19) Phenanthrene-d10	17.092	188	97653	0.40	ng	# 0.00
29) Chrysene-d12	21.293	240	80748	0.40	ng	0.01
35) Perylene-d12	23.596	264	55221	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.327	112	16146	0.35	ng	0.00
5) Phenol-d6	6.894	99	15567	0.36	ng	0.00
8) Nitrobenzene-d5	8.859	82	17760	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	56412	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	4201	0.17	ng	0.00
15) 2-Fluorobiphenyl	12.977	172	70901	0.40	ng	0.01
27) Fluoranthene-d10	19.134	212	126822	0.39	ng	0.00
31) Terphenyl-d14	19.745	244	78452	0.45	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.270	88	2351	0.33	ng	# 100
3) n-Nitrosodimethylamine	3.602	42	7369	0.37	ng	97
6) bis(2-Chloroethyl)ether	7.143	93	19734	0.40	ng	99
9) Naphthalene	10.545	128	78021	0.39	ng	100
10) Hexachlorobutadiene	10.836	225	22648	0.39	ng	# 100
12) 2-Methylnaphthalene	12.165	142	53980	0.37	ng	100
16) Acenaphthylene	14.055	152	70153	0.37	ng	100
17) Acenaphthene	14.411	154	52362	0.41	ng	99
18) Fluorene	15.400	166	63974	0.40	ng	100
20) 4,6-Dinitro-2-methylph...	15.426	198	8	0.09	ng	# 58
21) 4-Bromophenyl-phenylether	16.289	248	21523	0.36	ng	# 89
22) Hexachlorobenzene	16.411	284	29769	0.42	ng	99
23) Atrazine	16.569	200	12542	0.29	ng	97
24) Pentachlorophenol	16.776	266	853	0.31	ng	98
25) Phenanthrene	17.129	178	101689	0.40	ng	100
26) Anthracene	17.226	178	82088	0.36	ng	99
28) Fluoranthene	19.164	202	128484	0.41	ng	100
30) Pyrene	19.526	202	125776	0.49	ng	100
32) Benzo(a)anthracene	21.282	228	81006	0.33	ng	100
33) Chrysene	21.335	228	111960	0.43	ng	99
34) Bis(2-ethylhexyl)phtha...	21.219	149	29199	0.26	ng	99
36) Indeno(1,2,3-cd)pyrene	25.968	276	33991	0.22	ng	99
37) Benzo(b)fluoranthene	22.901	252	72975	0.39	ng	100
38) Benzo(k)fluoranthene	22.945	252	68430	0.39	ng	100
39) Benzo(a)pyrene	23.497	252	62037	0.37	ng	99
40) Dibenzo(a,h)anthracene	25.995	278	20309	0.17	ng	97
41) Benzo(g,h,i)perylene	26.687	276	35387	0.28	ng	99

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

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Misc :
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Instrument :
BNA_N
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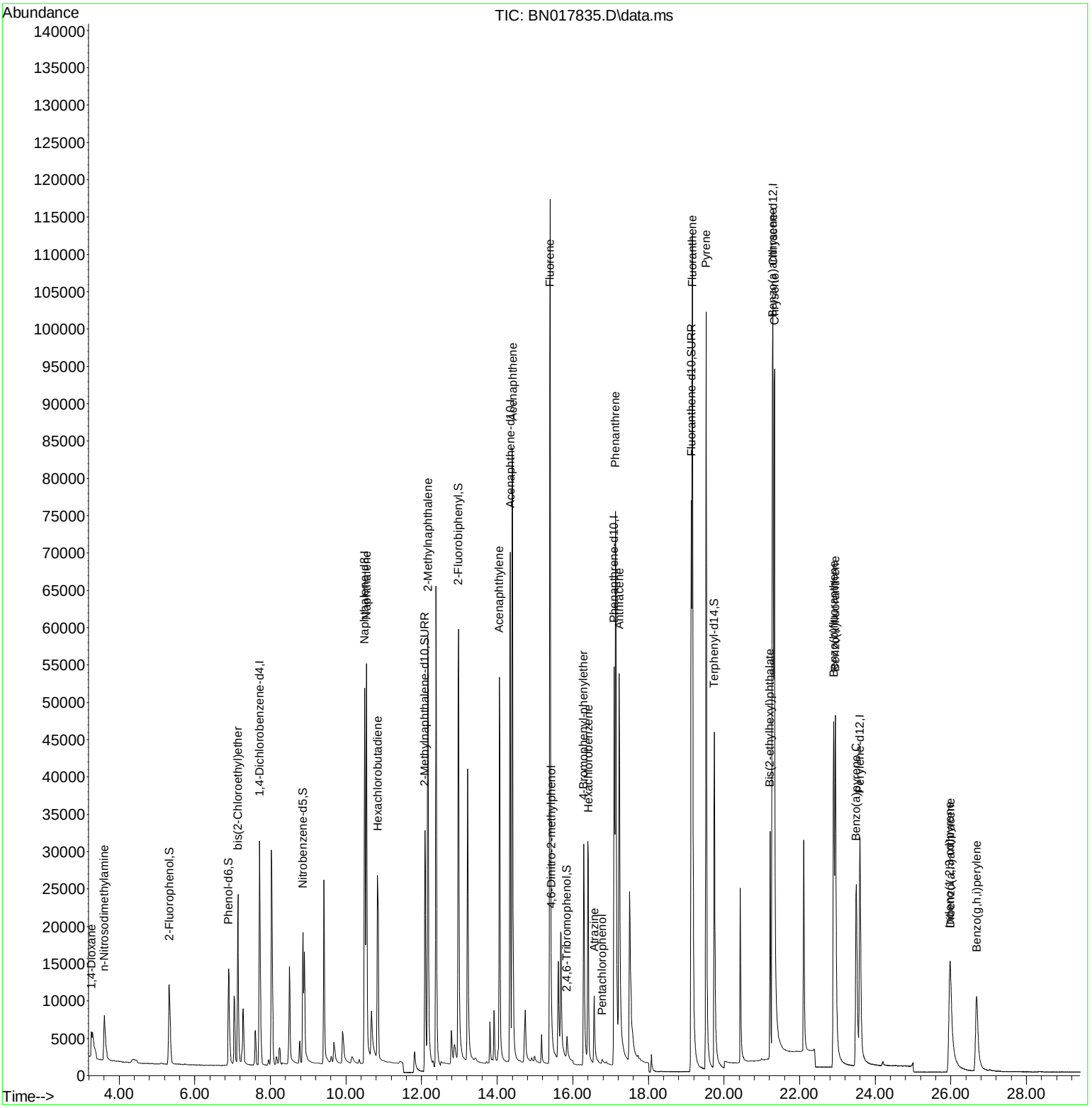
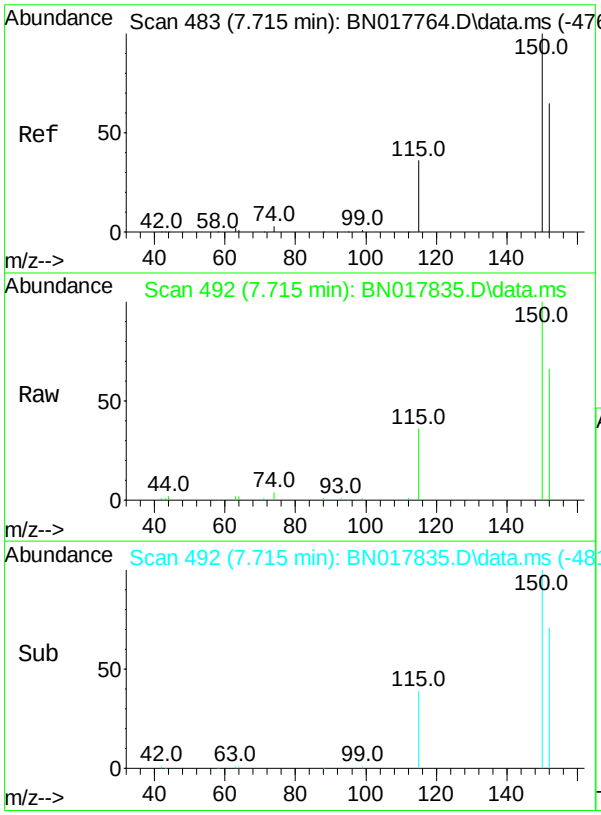
Quant Time: Dec 10 06:47:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 08 01:18:09 2021
Response via : Initial Calibration



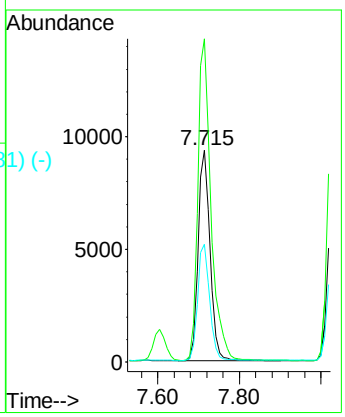


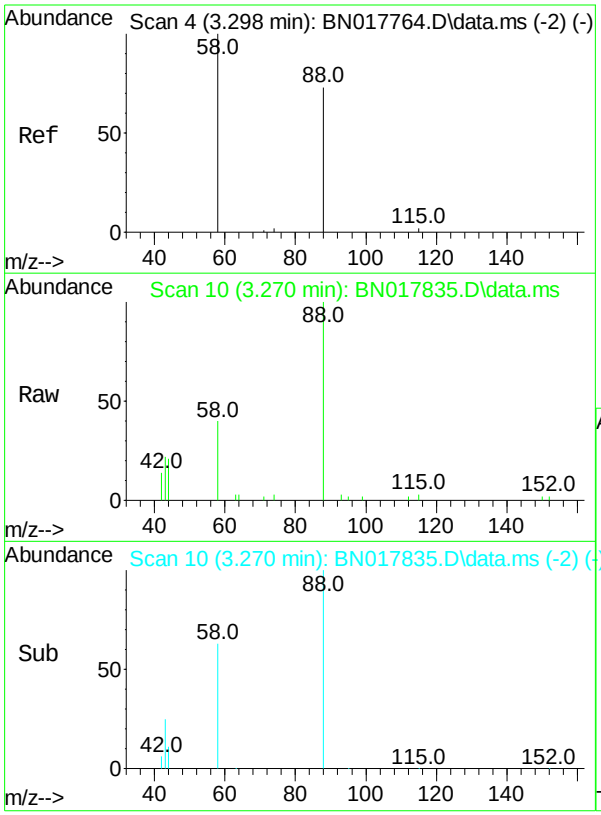
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN017835.D
Acq: 09 Dec 2021 14:25

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 19087

Ion	Ratio	Lower	Upper
152	100		
150	152.6	123.0	184.4
115	55.4	45.3	67.9

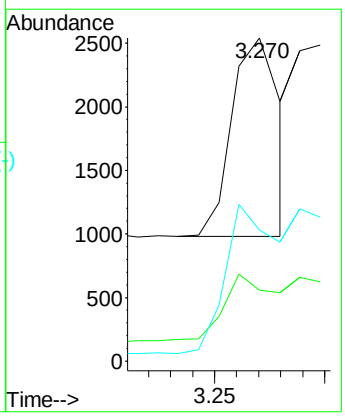


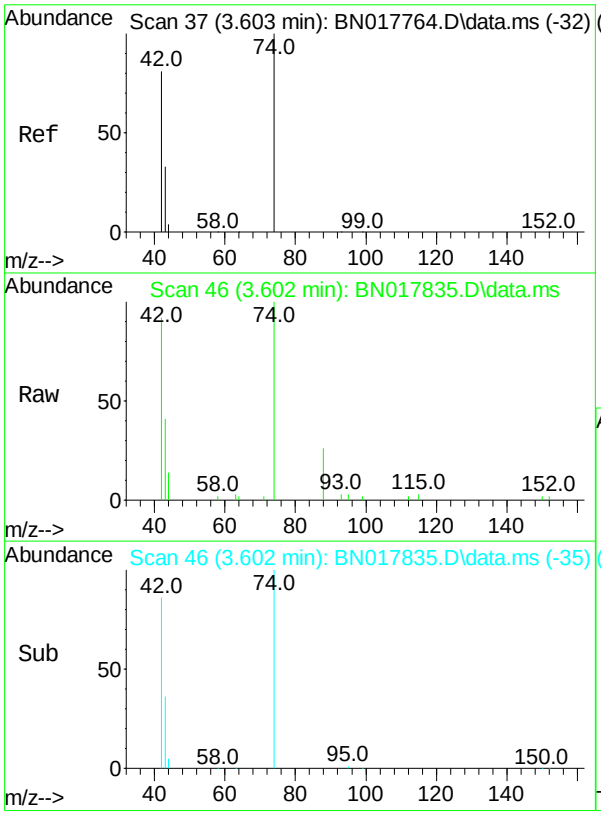


#2
1,4-Dioxane
Concen: 0.33 ng
RT: 3.270 min Scan# 10
Delta R.T. -0.028 min
Lab File: BN017835.D
Acq: 09 Dec 2021 14:25

Tgt Ion: 88 Resp: 2351

Ion	Ratio	Lower	Upper
88	100		
43	35.6	0.0	0.0#
58	80.6	0.0	0.0#



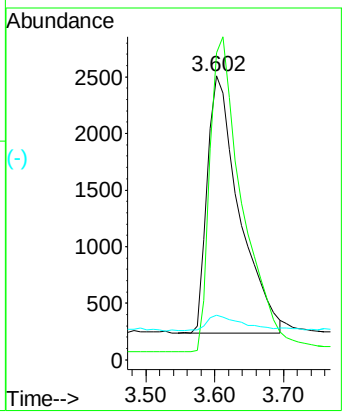


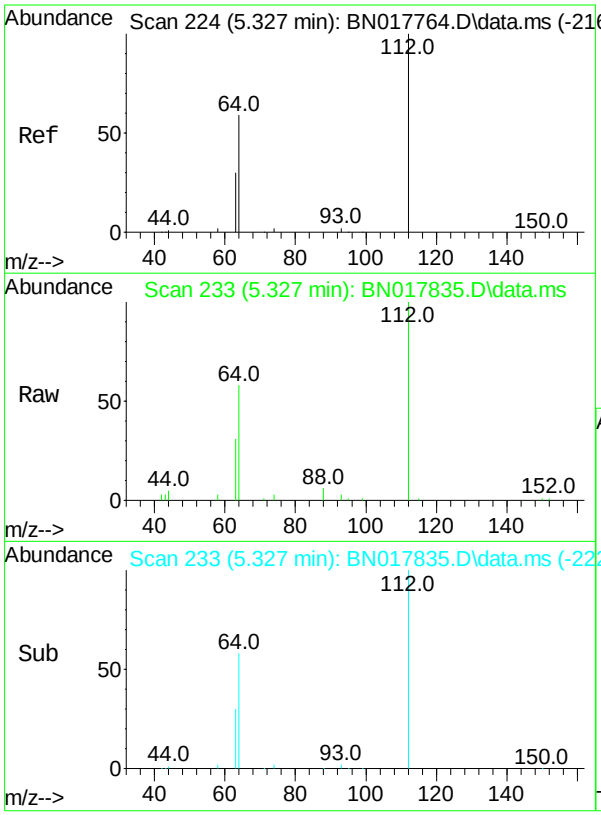
#3
n-Nitrosodimethylamine
Concen: 0.37 ng
RT: 3.602 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN017835.D
Acq: 09 Dec 2021 14:25

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 7369

Ion	Ratio	Lower	Upper
42	100		
74	122.9	101.3	151.9
44	7.2	5.0	7.4

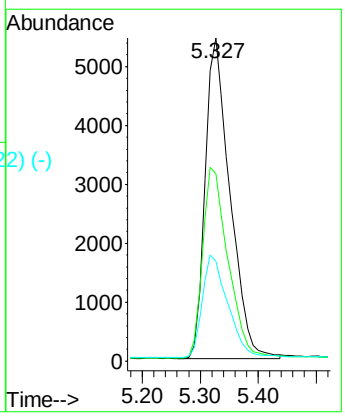


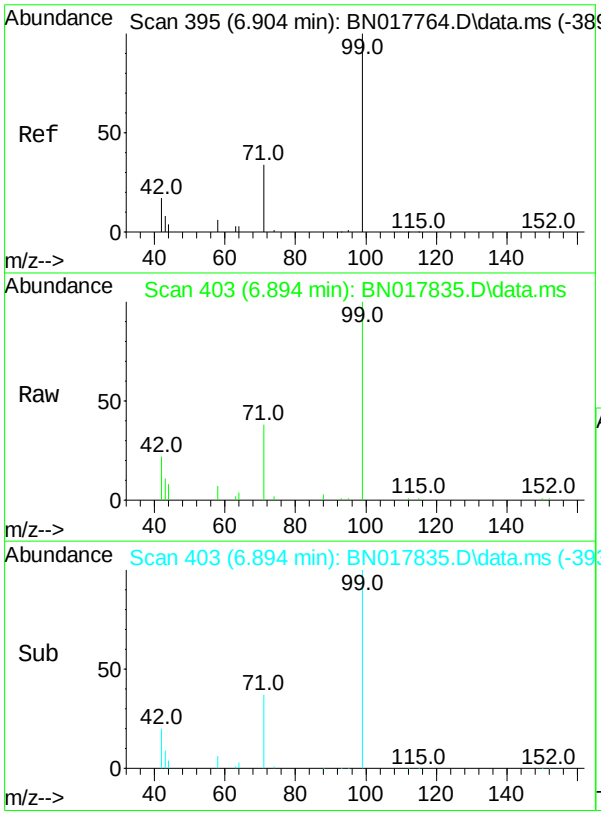


#4
2-Fluorophenol
Concen: 0.35 ng
RT: 5.327 min Scan# 233
Delta R.T. -0.000 min
Lab File: BN017835.D
Acq: 09 Dec 2021 14:25

Tgt Ion:112 Resp: 16146

Ion	Ratio	Lower	Upper
112	100		
64	61.1	49.3	73.9
63	32.8	25.8	38.8



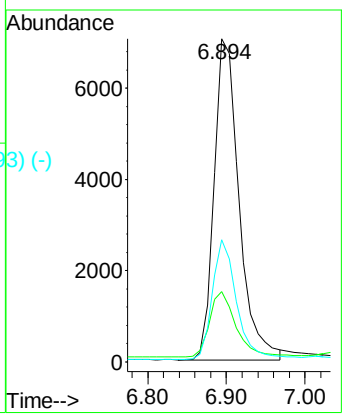


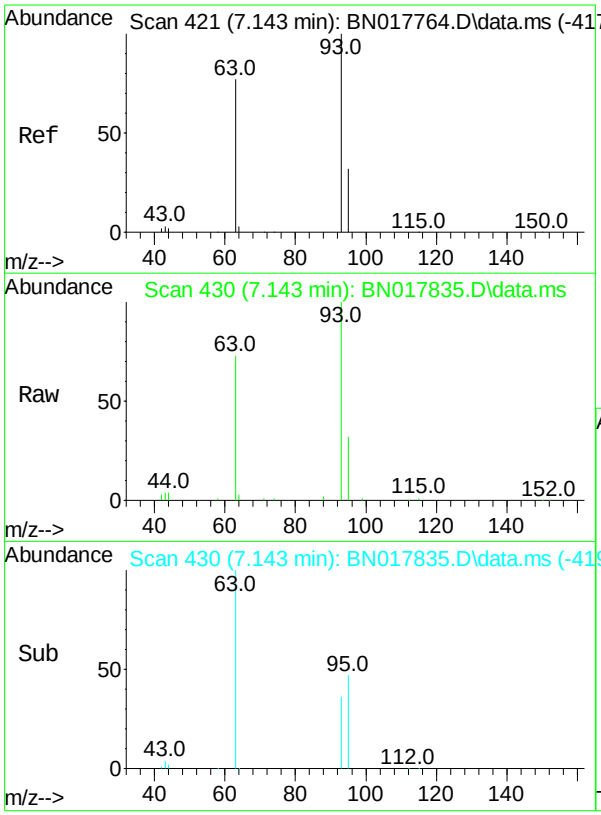
#5
Phenol-d6
Concen: 0.36 ng
RT: 6.894 min Scan# 4
Delta R.T. -0.010 min
Lab File: BN017835.D
Acq: 09 Dec 2021 14:25

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 15567

Ion	Ratio	Lower	Upper
99	100		
42	21.4	16.6	25.0
71	36.1	29.0	43.4

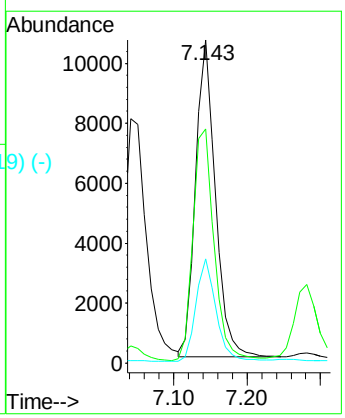


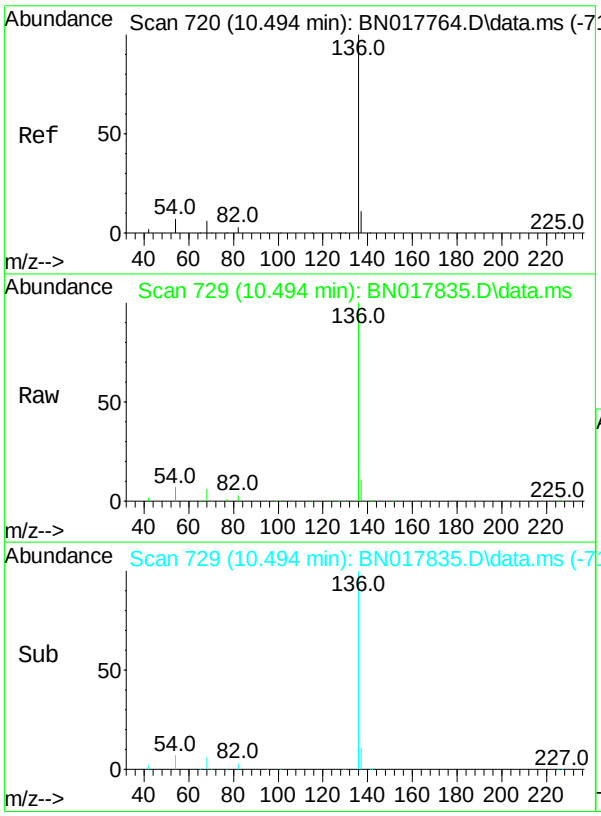


#6
bis(2-Chloroethyl)ether
Concen: 0.40 ng
RT: 7.143 min Scan# 430
Delta R.T. -0.000 min
Lab File: BN017835.D
Acq: 09 Dec 2021 14:25

Tgt Ion: 93 Resp: 19734

Ion	Ratio	Lower	Upper
93	100		
63	78.2	62.0	93.0
95	32.8	26.4	39.6



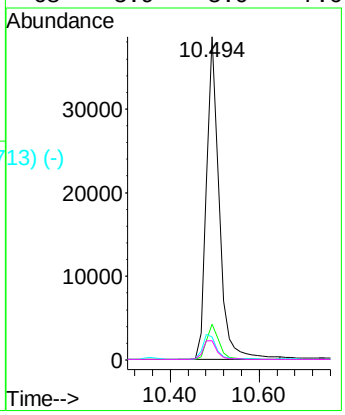


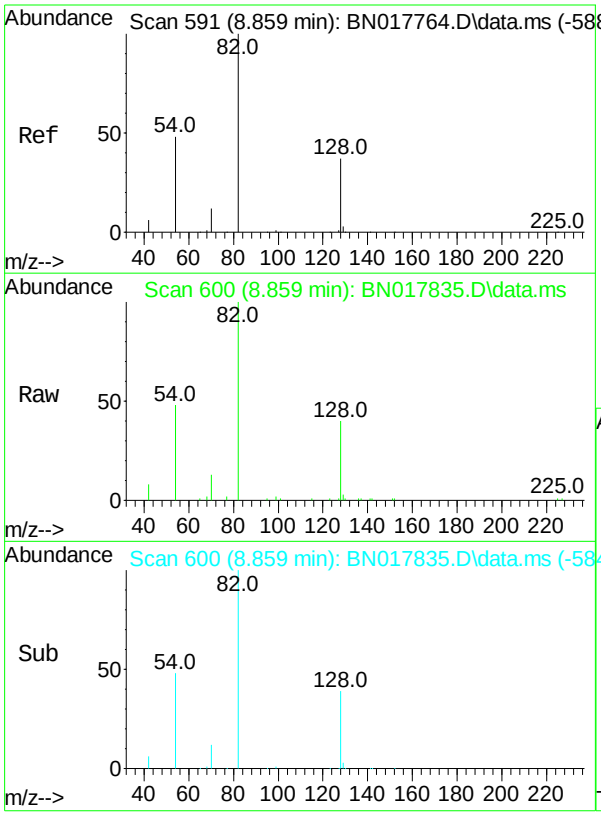
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.494 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017835.D
Acq: 09 Dec 2021 14:25

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 76539

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.1	5.9	8.9
68	5.9	5.0	7.6

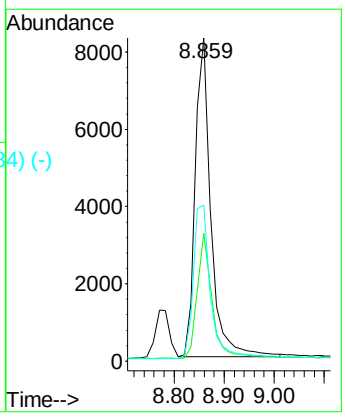


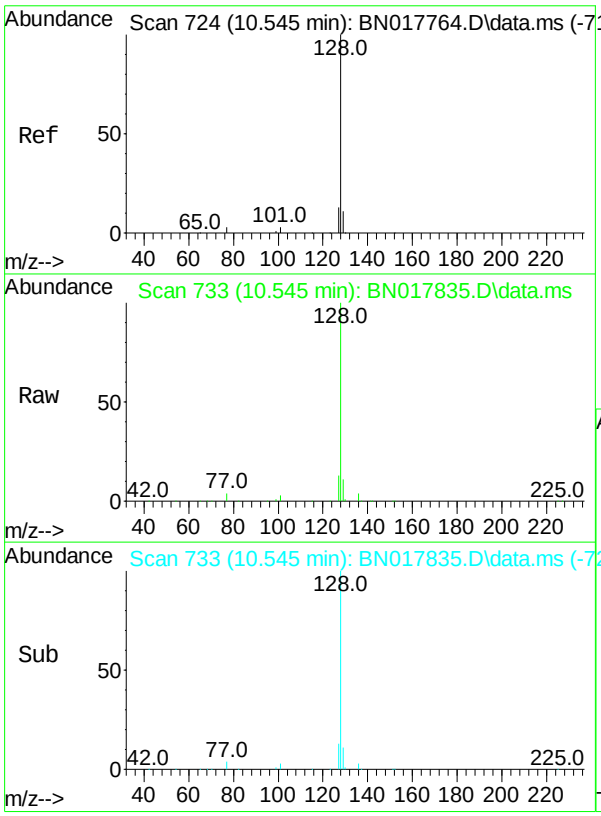


#8
Nitrobenzene-d5
Concen: 0.35 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017835.D
Acq: 09 Dec 2021 14:25

Tgt Ion: 82 Resp: 17760

Ion	Ratio	Lower	Upper
82	100		
128	39.5	30.2	45.2
54	48.3	39.0	58.6



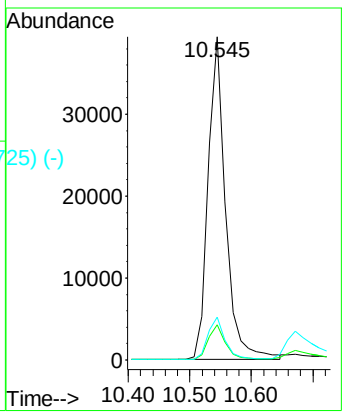


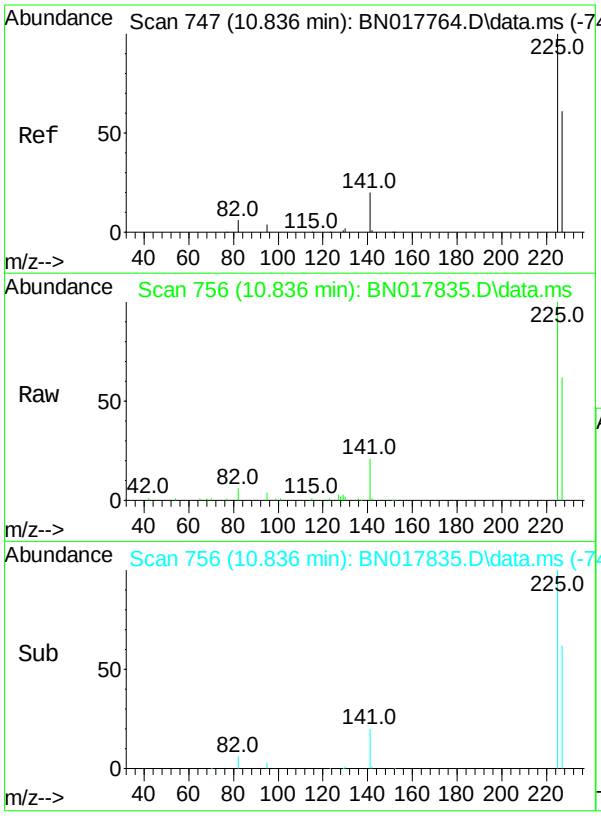
#9
Naphthalene
Concen: 0.39 ng
RT: 10.545 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017835.D
Acq: 09 Dec 2021 14:25

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 78021

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.2	10.6	15.8

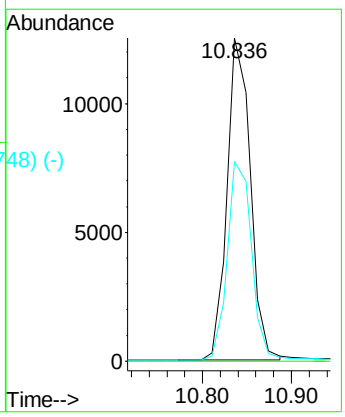


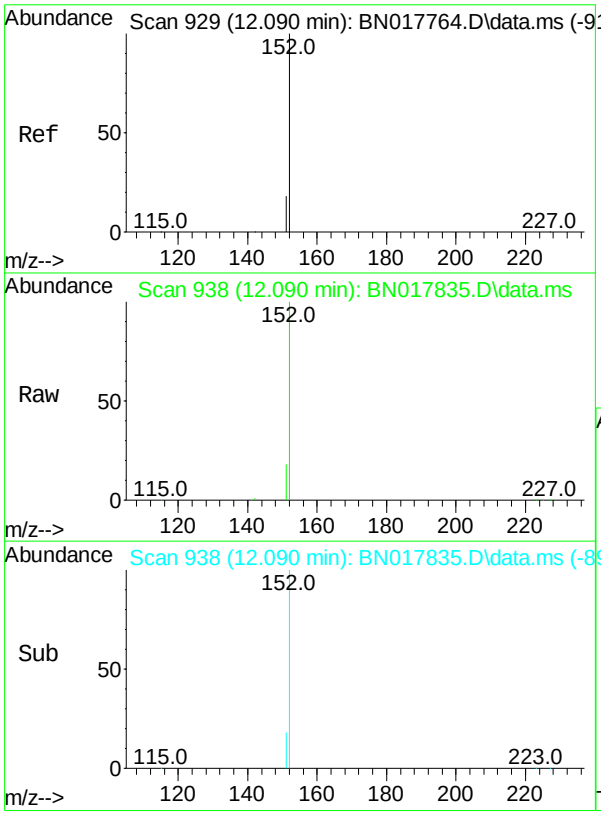


#10
Hexachlorobutadiene
Concen: 0.39 ng
RT: 10.836 min Scan# 756
Delta R.T. -0.000 min
Lab File: BN017835.D
Acq: 09 Dec 2021 14:25

Tgt Ion:225 Resp: 22648

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	50.9	76.3



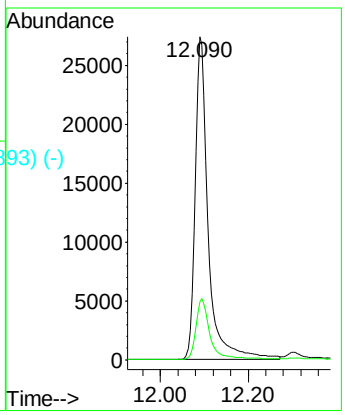


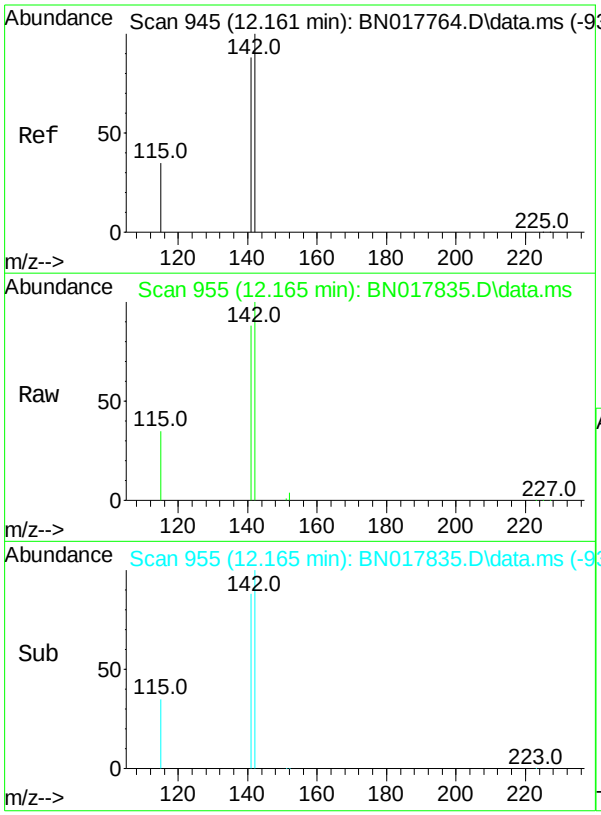
#11
2-Methylnaphthalene-d10
Concen: 0.37 ng
RT: 12.090 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN017835.D
Acq: 09 Dec 2021 14:25

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 56412

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.4	24.6

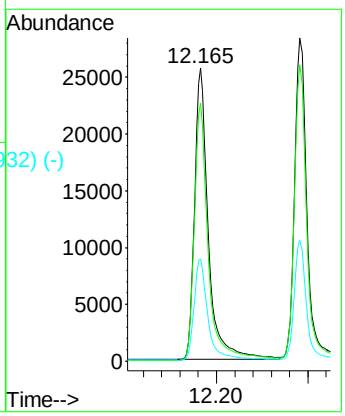


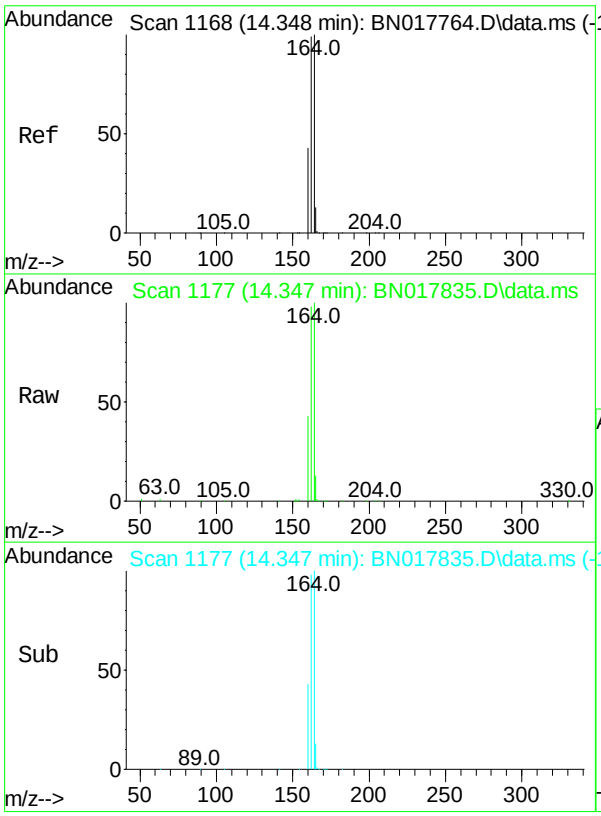


#12
2-Methylnaphthalene
Concen: 0.37 ng
RT: 12.165 min Scan# 955
Delta R.T. 0.004 min
Lab File: BN017835.D
Acq: 09 Dec 2021 14:25

Tgt Ion:142 Resp: 53980

Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.5	105.7
115	35.0	28.0	42.0



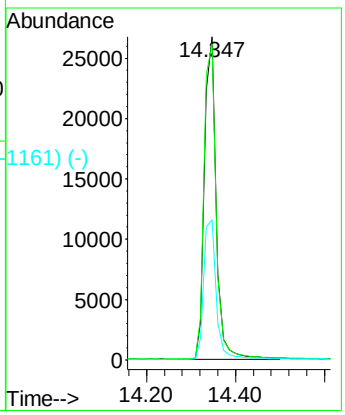


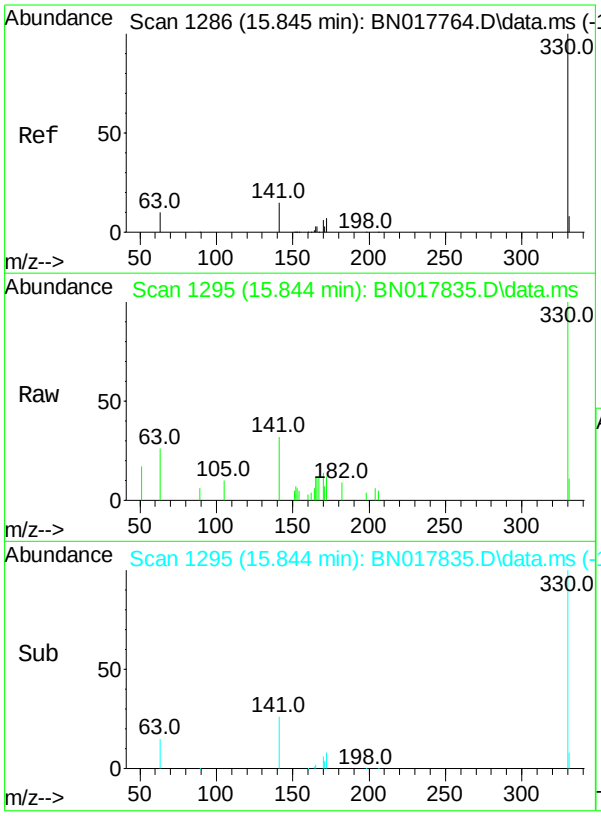
#12
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017835.D
Acq: 09 Dec 2021 14:25

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 48248

Ion	Ratio	Lower	Upper
164	100		
162	97.8	79.0	118.6
160	43.4	34.6	52.0

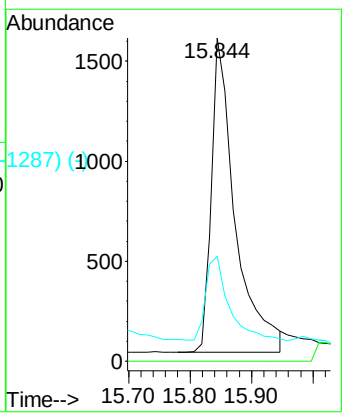


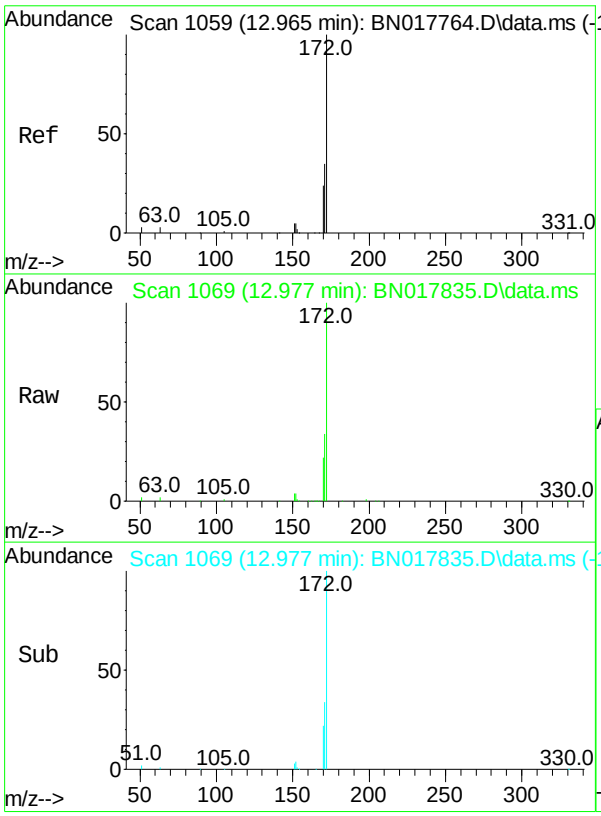


#14
2,4,6-Tribromophenol
Concen: 0.17 ng
RT: 15.844 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BN017835.D
Acq: 09 Dec 2021 14:25

Tgt Ion:330 Resp: 4201

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	25.5	21.5	32.3



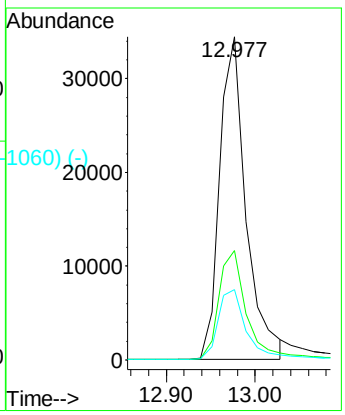


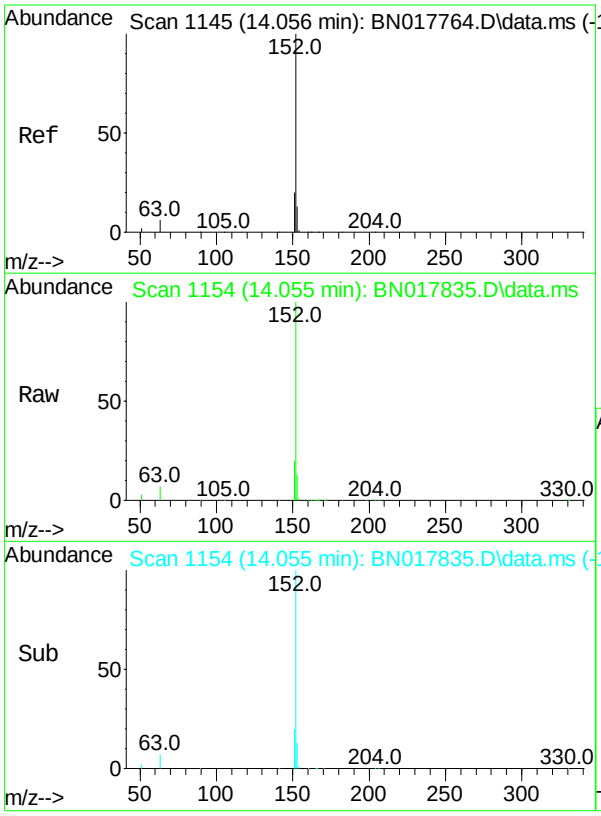
#15
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 12.977 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN017835.D
Acq: 09 Dec 2021 14:25

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 70901

Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.1	42.1
170	21.8	18.9	28.3

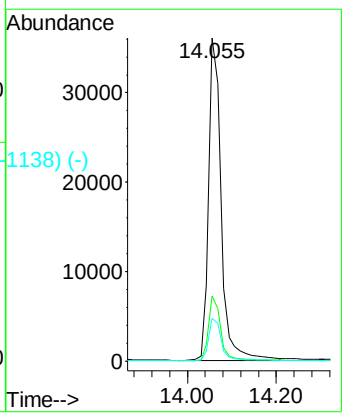


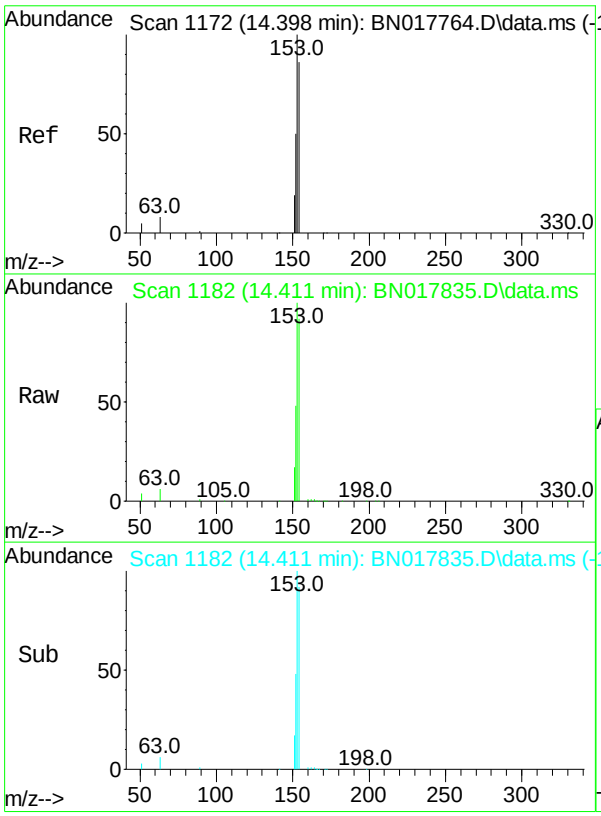


#16
Acenaphthylene
Concen: 0.37 ng
RT: 14.055 min Scan# 1154
Delta R.T. -0.000 min
Lab File: BN017835.D
Acq: 09 Dec 2021 14:25

Tgt Ion:152 Resp: 70153

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	13.2	10.4	15.6



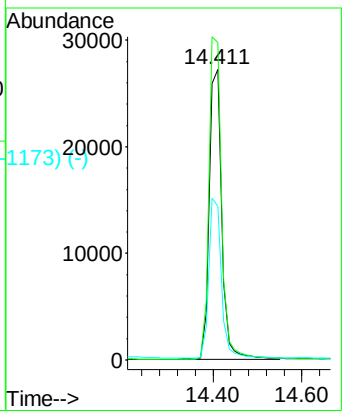


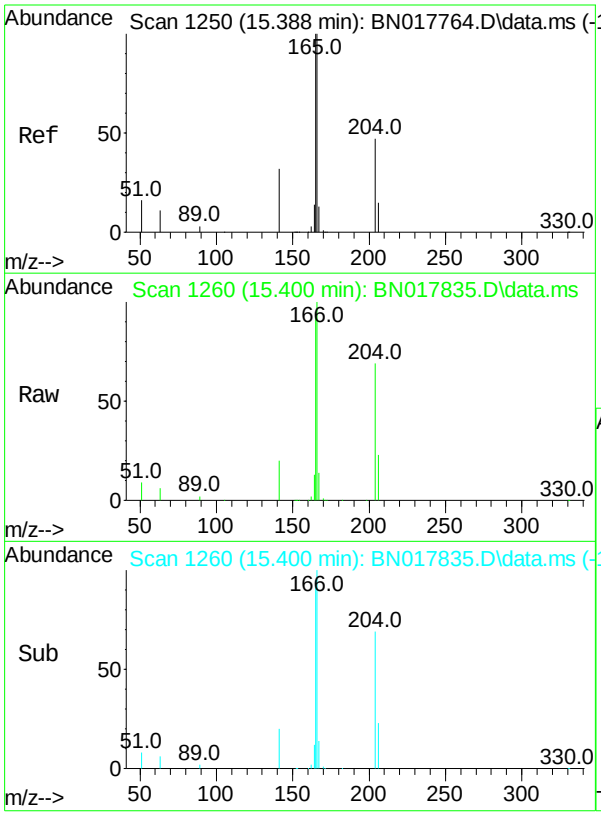
#17
Acenaphthene
Concen: 0.41 ng
RT: 14.411 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN017835.D
Acq: 09 Dec 2021 14:25

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 52362

Ion	Ratio	Lower	Upper
154	100		
153	113.0	90.1	135.1
152	55.2	43.7	65.5

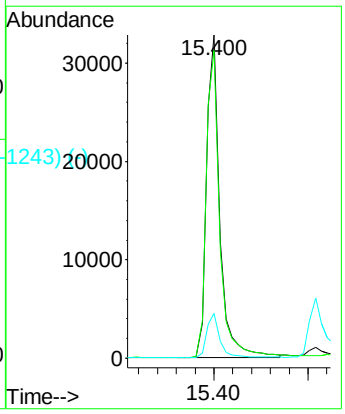


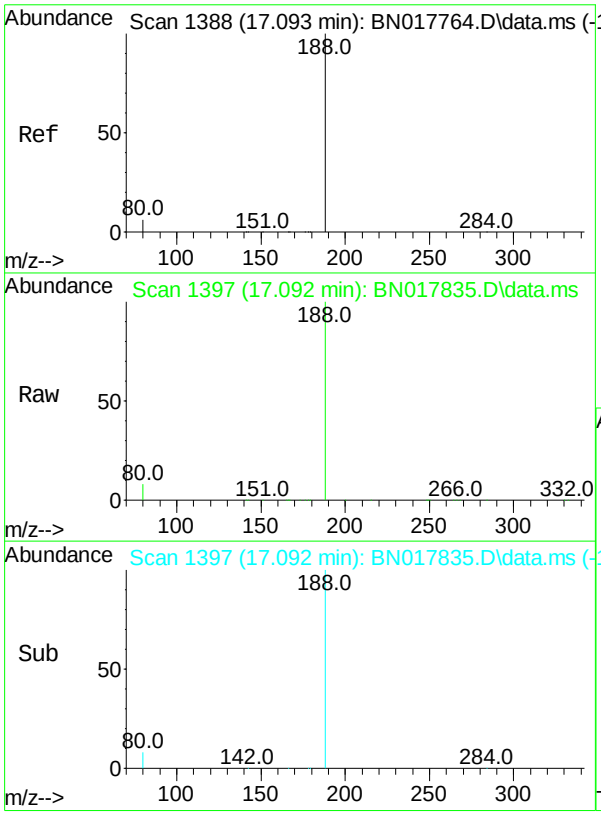


#18
Fluorene
Concen: 0.40 ng
RT: 15.400 min Scan# 1260
Delta R.T. 0.012 min
Lab File: BN017835.D
Acq: 09 Dec 2021 14:25

Tgt Ion:166 Resp: 63974

Ion	Ratio	Lower	Upper
166	100		
165	97.3	77.8	116.8
167	13.5	11.0	16.4



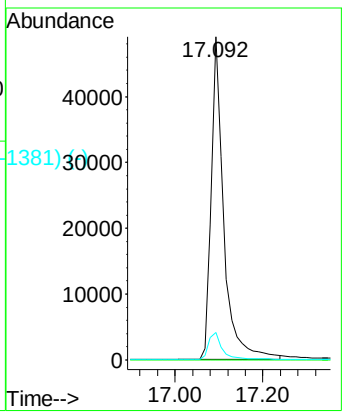


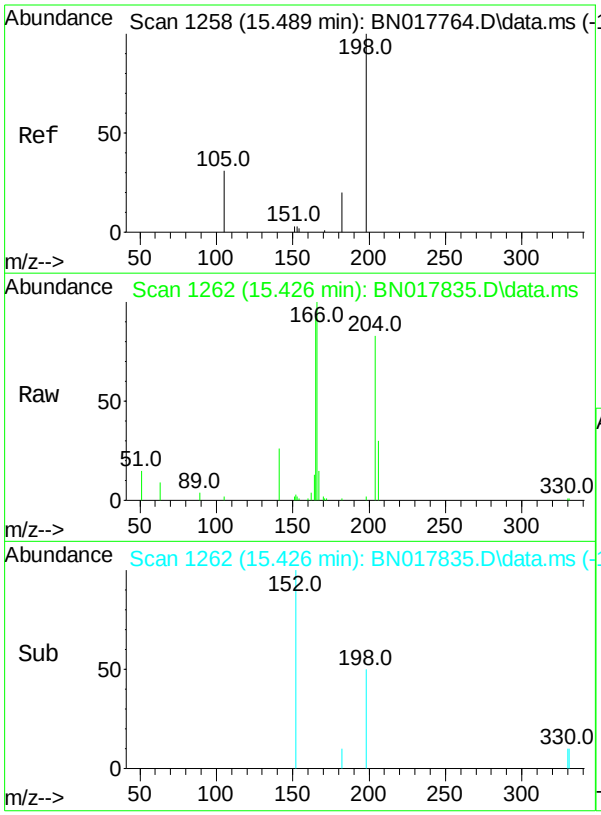
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.092 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017835.D
Acq: 09 Dec 2021 14:25

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 97653

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.5	5.1	7.7#

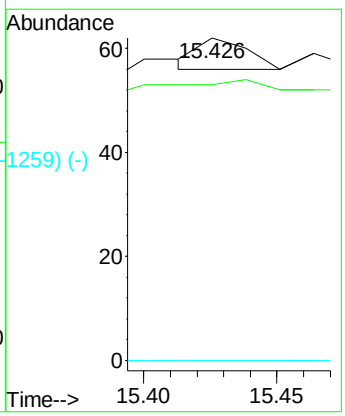


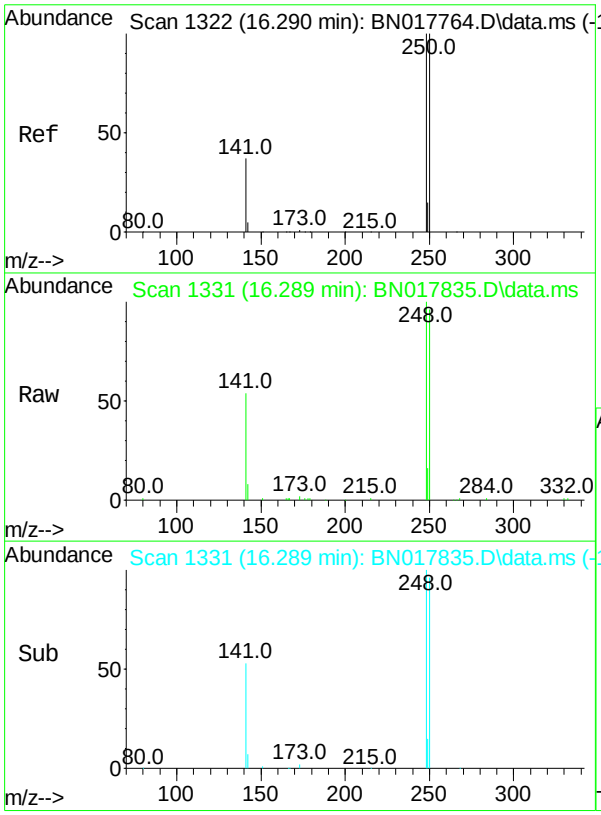


#20
4,6-Dinitro-2-methylphenol
Concen: 0.09 ng
RT: 15.426 min Scan# 1262
Delta R.T. -0.063 min
Lab File: BN017835.D
Acq: 09 Dec 2021 14:25

Tgt Ion:198 Resp: 8

Ion	Ratio	Lower	Upper
198	100		
182	85.5	44.2	66.2#
77	0.0	0.0	0.0



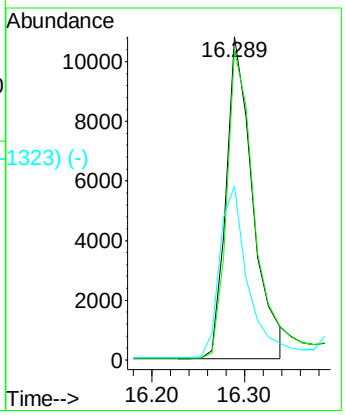


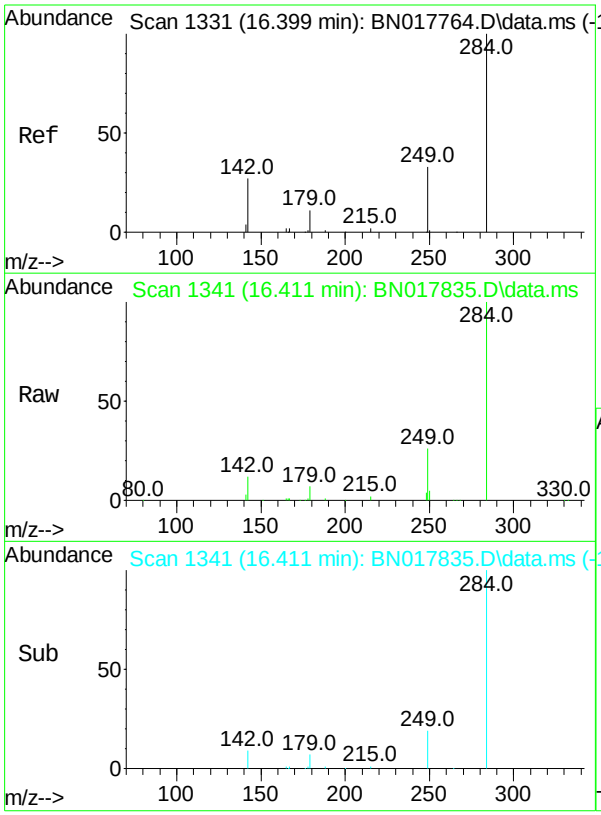
#21
4-Bromophenyl-phenylether
Concen: 0.36 ng
RT: 16.289 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017835.D
Acq: 09 Dec 2021 14:25

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:248 Resp: 21523

Ion	Ratio	Lower	Upper
248	100		
250	96.0	80.3	120.5
141	53.8	29.8	44.8#

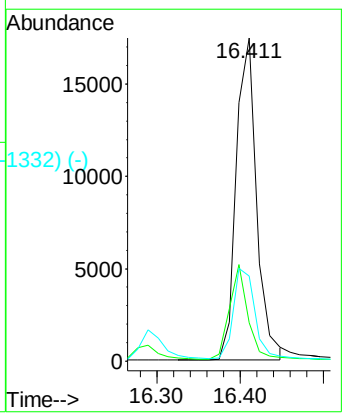


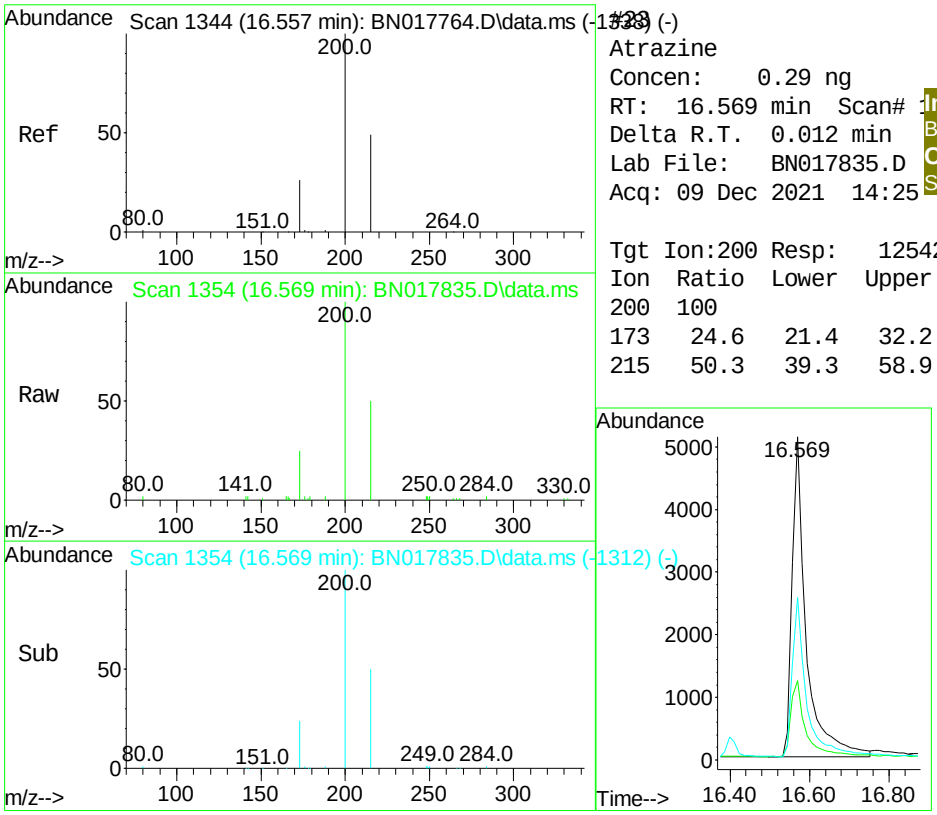


#22
Hexachlorobenzene
Concen: 0.42 ng
RT: 16.411 min Scan# 1341
Delta R.T. 0.012 min
Lab File: BN017835.D
Acq: 09 Dec 2021 14:25

Tgt Ion:284 Resp: 29769

Ion	Ratio	Lower	Upper
284	100		
142	26.2	21.0	31.4
249	29.3	23.9	35.9



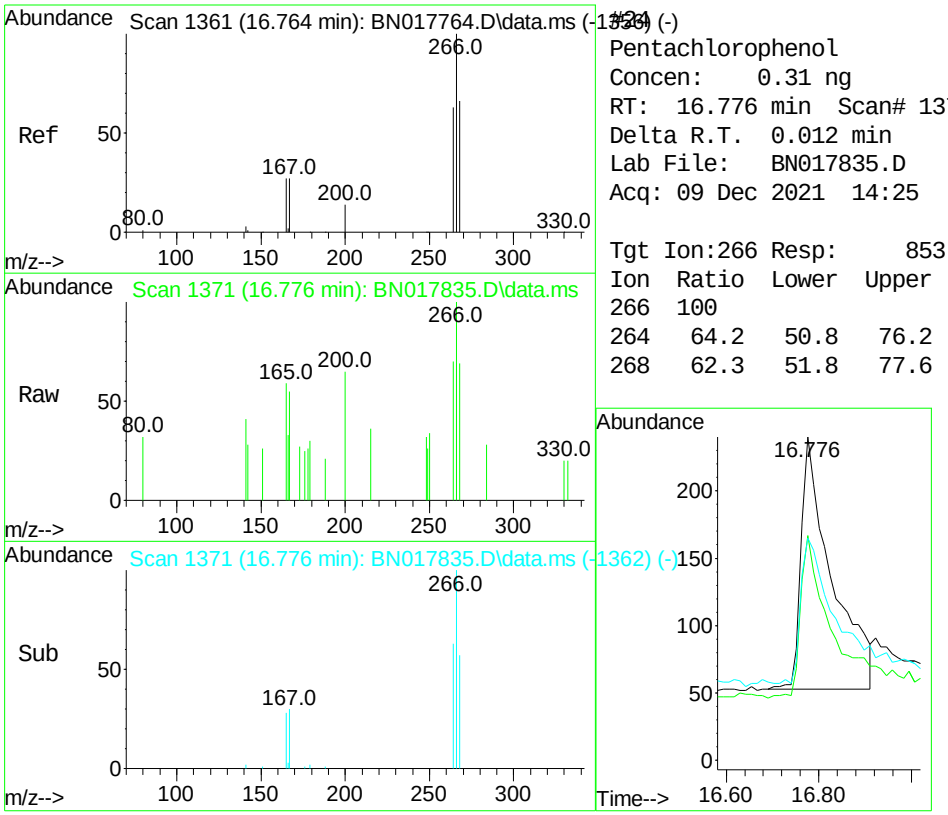


#28
Atrazine
Concen: 0.29 ng
RT: 16.569 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN017835.D
Acq: 09 Dec 2021 14:25

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:200 Resp: 12542

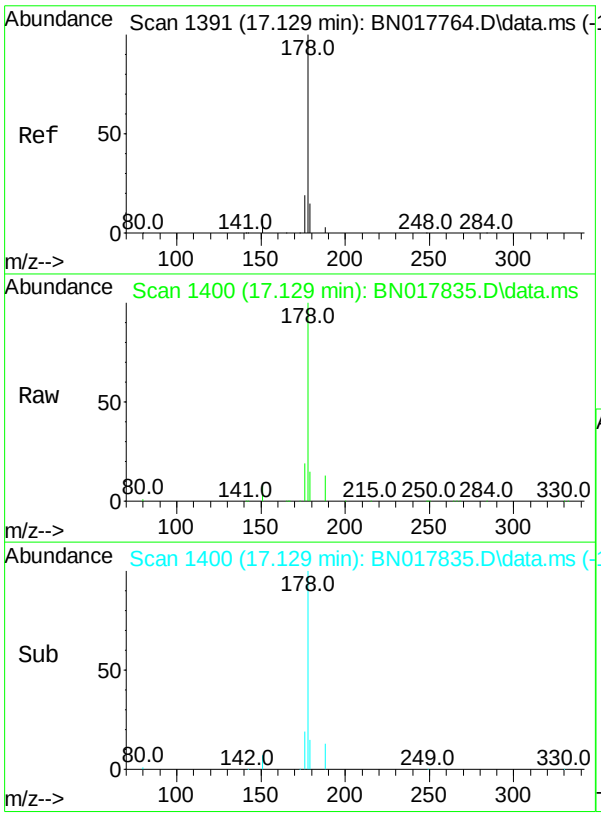
Ion	Ratio	Lower	Upper
200	100		
173	24.6	21.4	32.2
215	50.3	39.3	58.9



#34
Pentachlorophenol
Concen: 0.31 ng
RT: 16.776 min Scan# 1371
Delta R.T. 0.012 min
Lab File: BN017835.D
Acq: 09 Dec 2021 14:25

Tgt Ion:266 Resp: 853

Ion	Ratio	Lower	Upper
266	100		
264	64.2	50.8	76.2
268	62.3	51.8	77.6

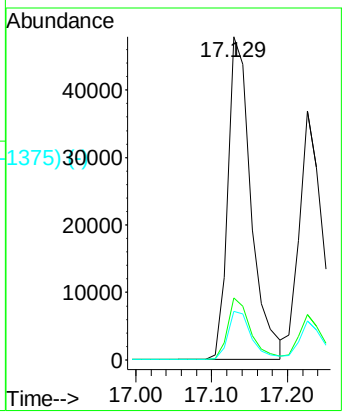


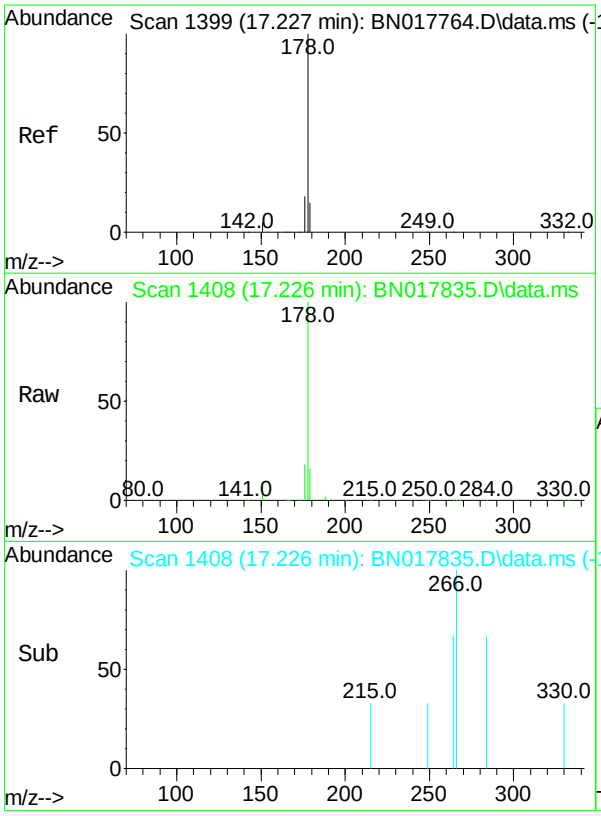
#25
Phenanthrene
Concen: 0.40 ng
RT: 17.129 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017835.D
Acq: 09 Dec 2021 14:25

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 101689

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	15.2	12.5	18.7

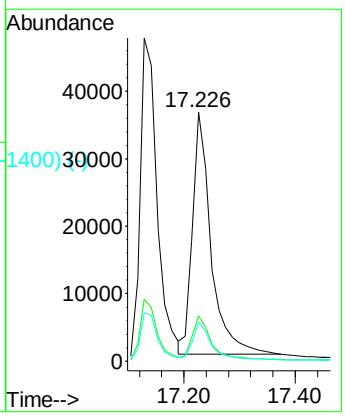


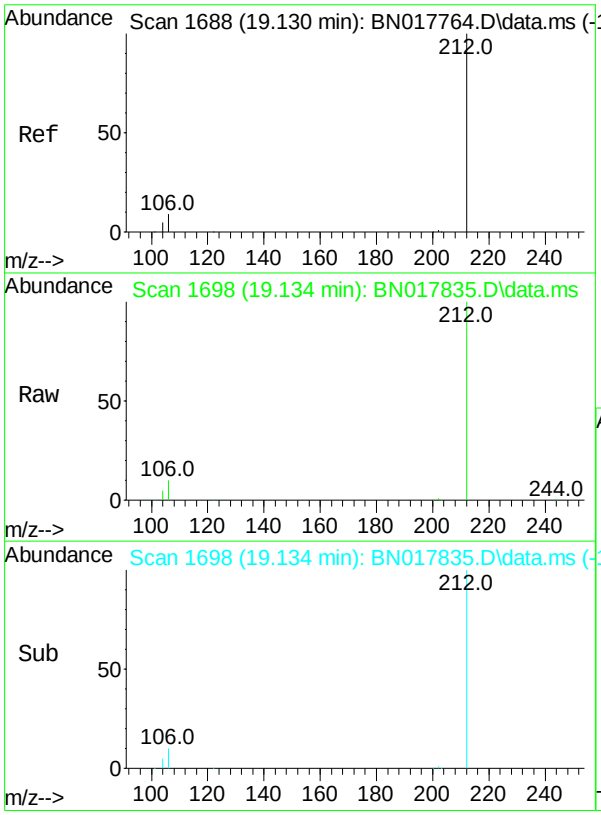


#26
Anthracene
Concen: 0.36 ng
RT: 17.226 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BN017835.D
Acq: 09 Dec 2021 14:25

Tgt Ion:178 Resp: 82088

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.5	21.7
179	15.5	12.2	18.4



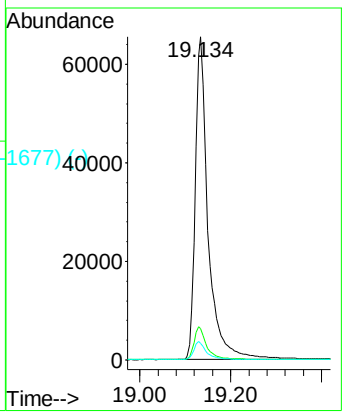


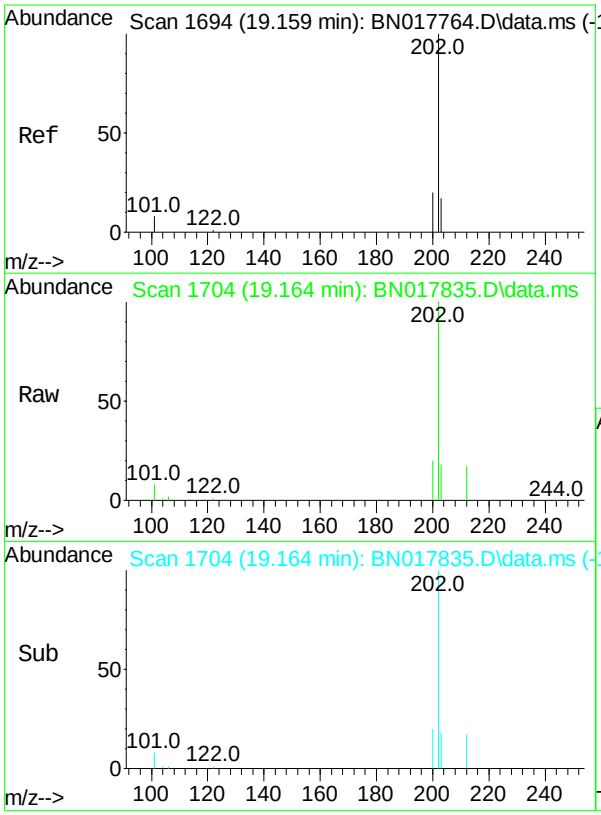
#27
Fluoranthene-d10
Concen: 0.39 ng
RT: 19.134 min Scan# 1
Delta R.T. 0.005 min
Lab File: BN017835.D
Acq: 09 Dec 2021 14:25

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 126822

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

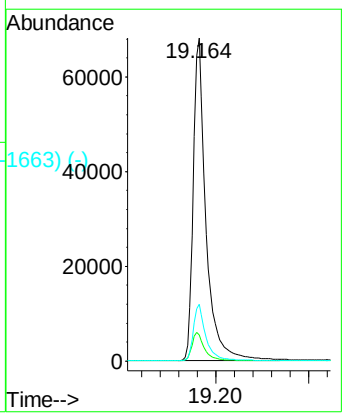


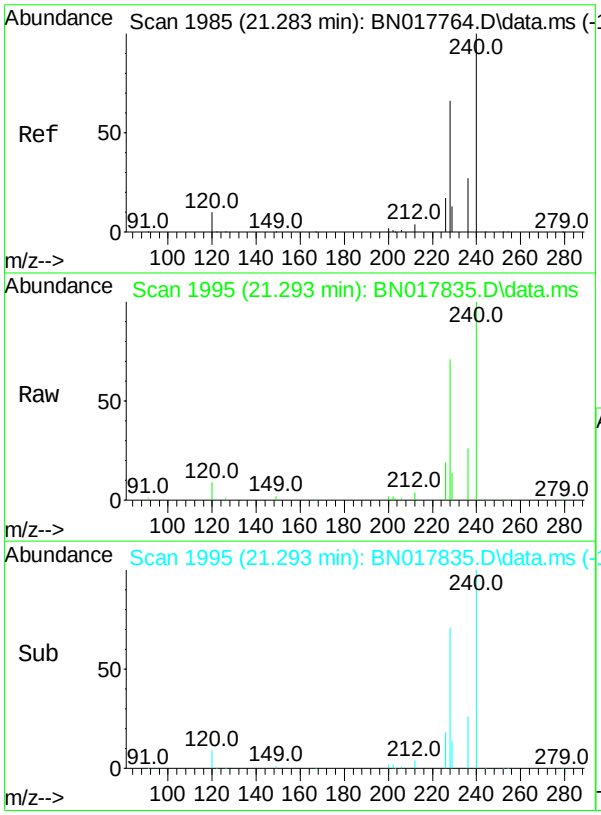


#28
Fluoranthene
Concen: 0.41 ng
RT: 19.164 min Scan# 1704
Delta R.T. 0.005 min
Lab File: BN017835.D
Acq: 09 Dec 2021 14:25

Tgt Ion:202 Resp: 128484

Ion	Ratio	Lower	Upper
202	100		
101	9.0	7.2	10.8
203	17.1	13.7	20.5



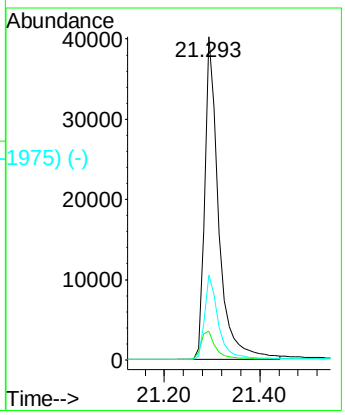


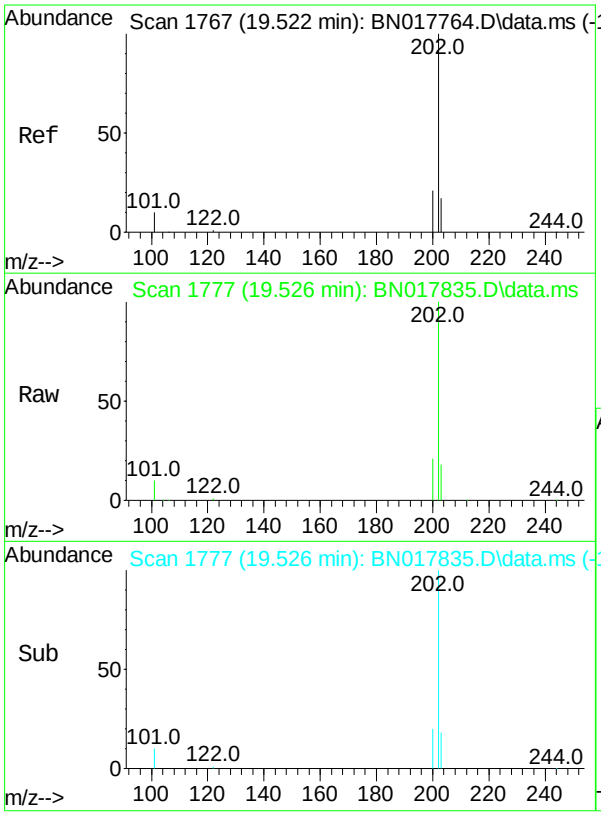
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.293 min Scan# 1
Delta R.T. 0.010 min
Lab File: BN017835.D
Acq: 09 Dec 2021 14:25

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 80748

Ion	Ratio	Lower	Upper
240	100		
120	8.9	7.9	11.9
236	26.3	21.4	32.2

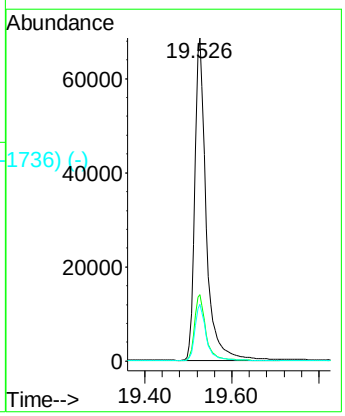


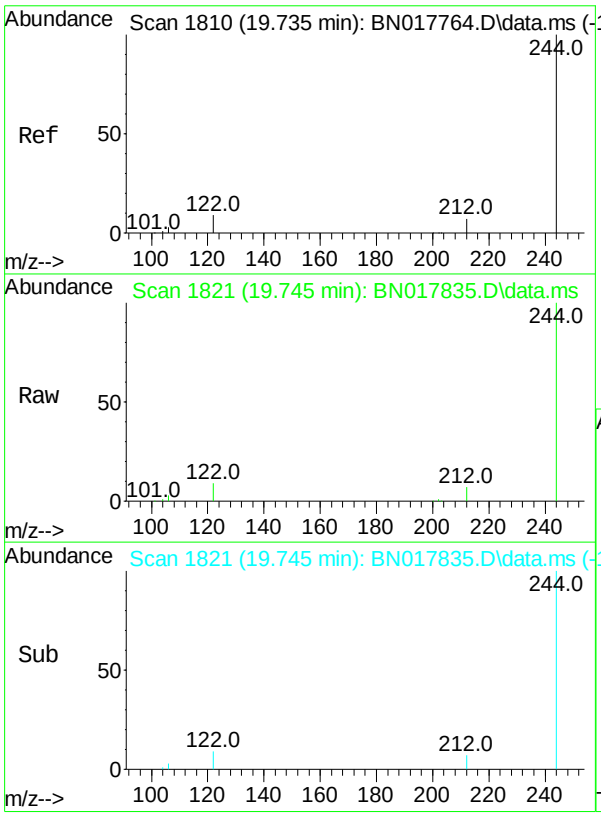


#30
Pyrene
Concen: 0.49 ng
RT: 19.526 min Scan# 1777
Delta R.T. 0.005 min
Lab File: BN017835.D
Acq: 09 Dec 2021 14:25

Tgt Ion:202 Resp: 125776

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	17.6	14.0	21.0



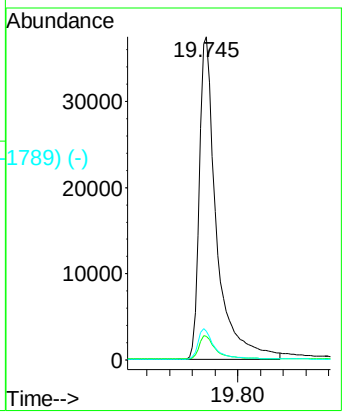


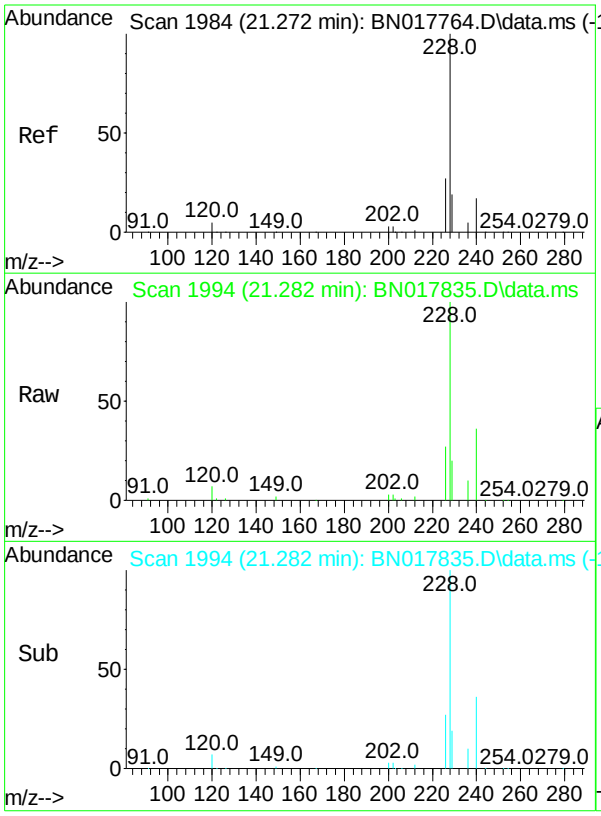
#31
Terphenyl-d14
Concen: 0.45 ng
RT: 19.745 min Scan# 1
Delta R.T. 0.010 min
Lab File: BN017835.D
Acq: 09 Dec 2021 14:25

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 78452

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	8.9	7.1	10.7

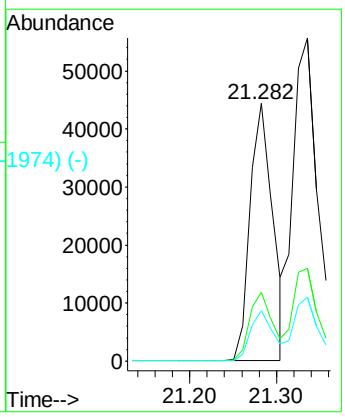


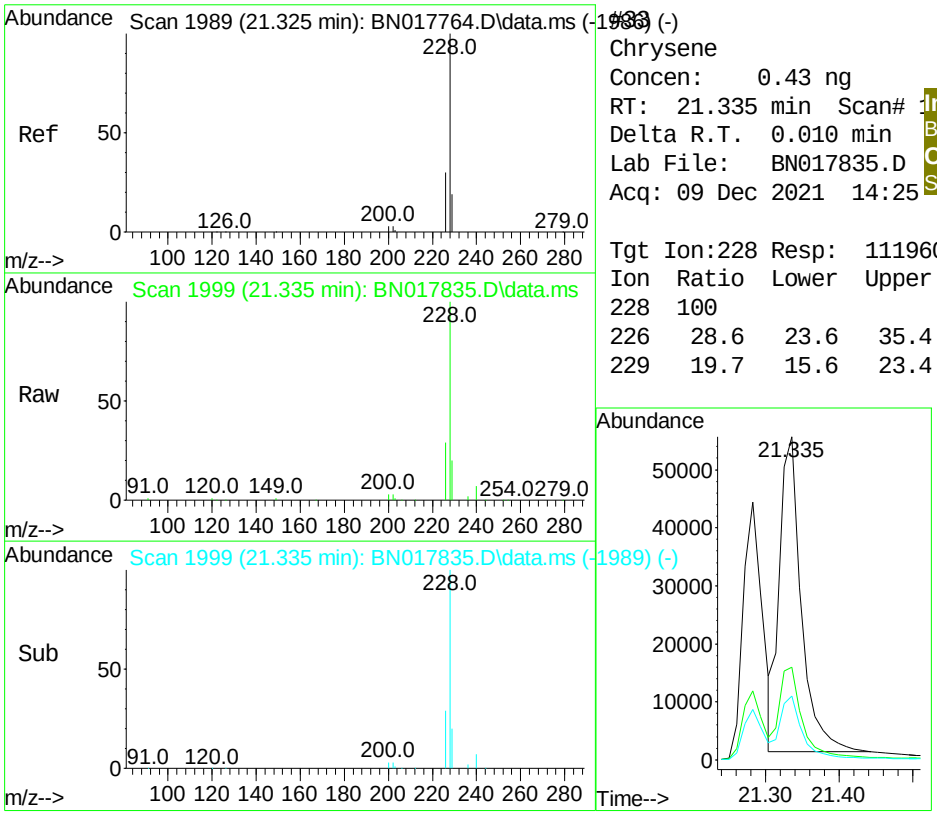


#32
Benzo(a)anthracene
Concen: 0.33 ng
RT: 21.282 min Scan# 1994
Delta R.T. 0.010 min
Lab File: BN017835.D
Acq: 09 Dec 2021 14:25

Tgt Ion:228 Resp: 81006

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



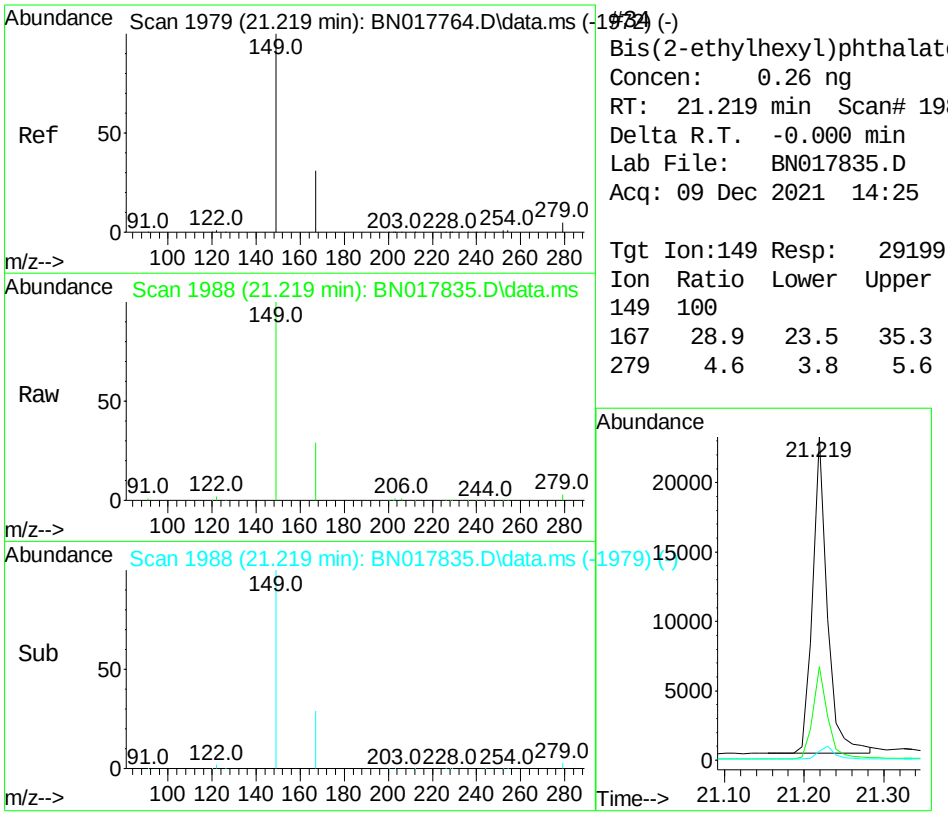


#33
Chrysene
Concen: 0.43 ng
RT: 21.335 min Scan# 1
Delta R.T. 0.010 min
Lab File: BN017835.D
Acq: 09 Dec 2021 14:25

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 111960

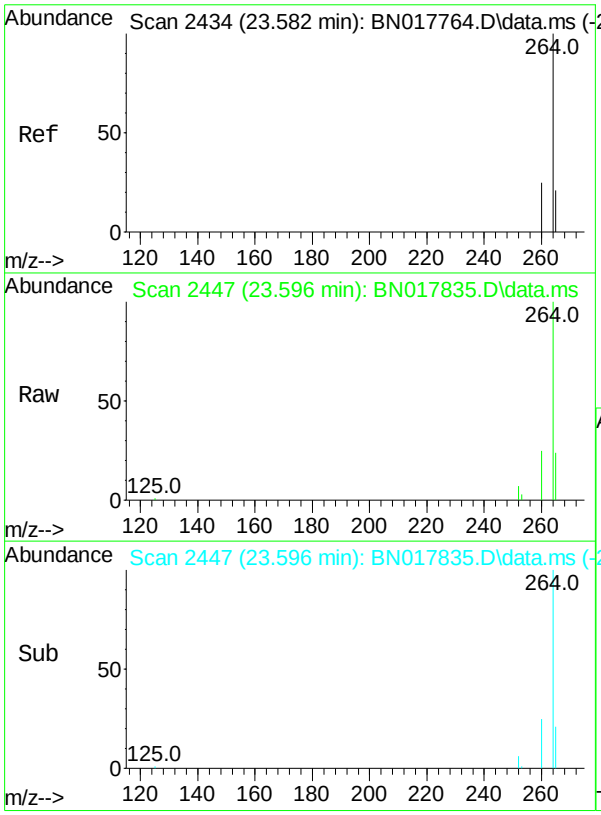
Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.6	35.4
229	19.7	15.6	23.4



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.26 ng
RT: 21.219 min Scan# 1988
Delta R.T. -0.000 min
Lab File: BN017835.D
Acq: 09 Dec 2021 14:25

Tgt Ion:149 Resp: 29199

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

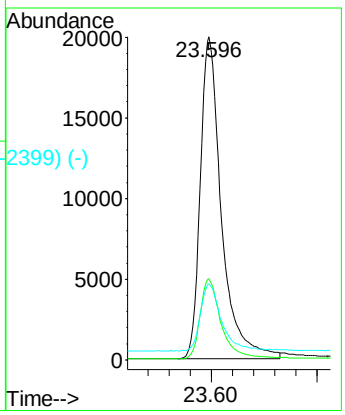


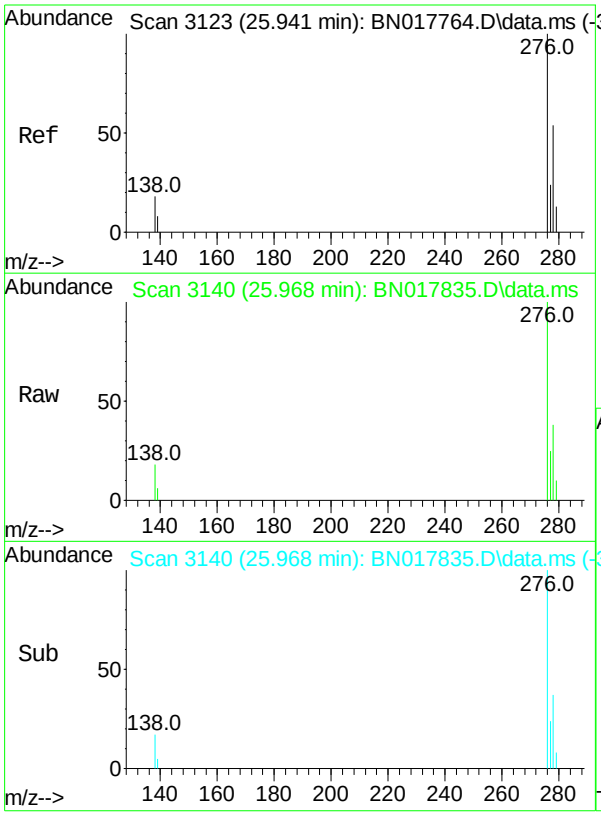
#35
Perylene-d12
Concen: 0.40 ng
RT: 23.596 min Scan# 1
Delta R.T. 0.013 min
Lab File: BN017835.D
Acq: 09 Dec 2021 14:25

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 55221

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.0	30.0
265	23.5	20.5	30.7

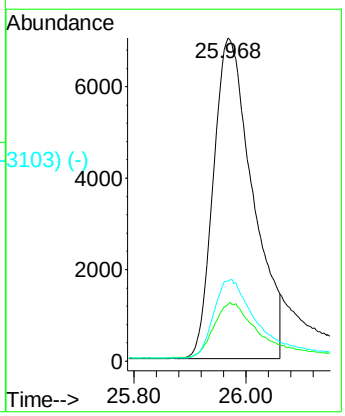


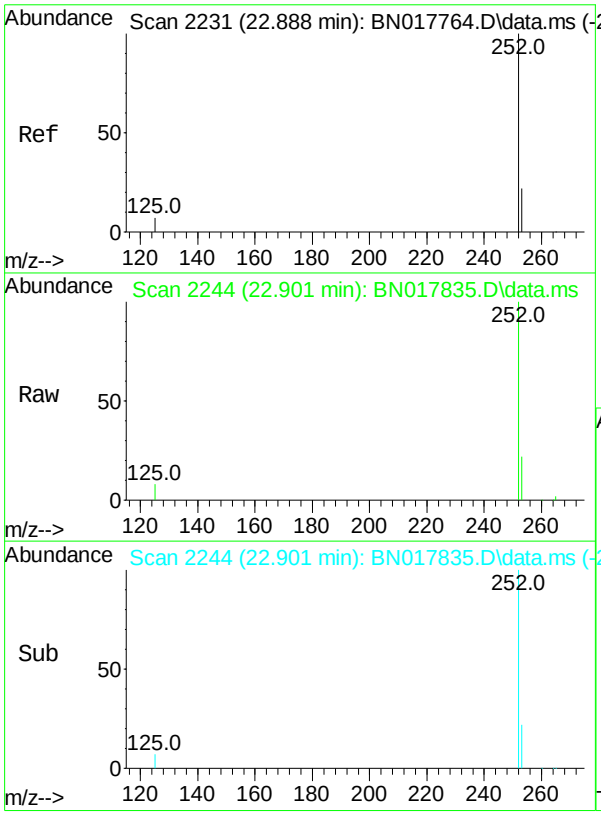


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.22 ng
RT: 25.968 min Scan# 3140
Delta R.T. 0.027 min
Lab File: BN017835.D
Acq: 09 Dec 2021 14:25

Tgt Ion:276 Resp: 33991

Ion	Ratio	Lower	Upper
276	100		
138	17.7	15.0	22.4
277	24.8	19.8	29.8



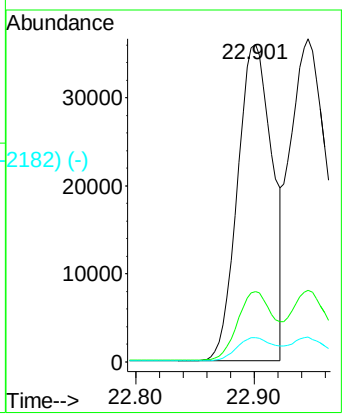


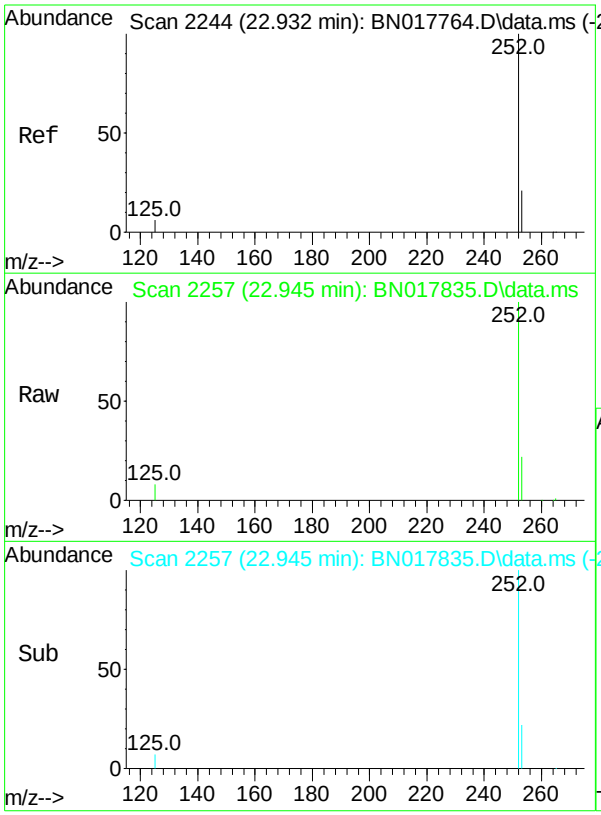
#37
Benzo(b)fluoranthene
Concen: 0.39 ng
RT: 22.901 min Scan# 1
Delta R.T. 0.013 min
Lab File: BN017835.D
Acq: 09 Dec 2021 14:25

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 72975

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	7.6	6.2	9.2

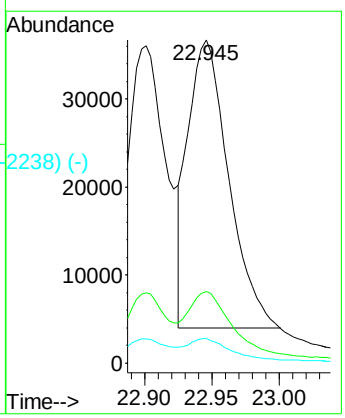


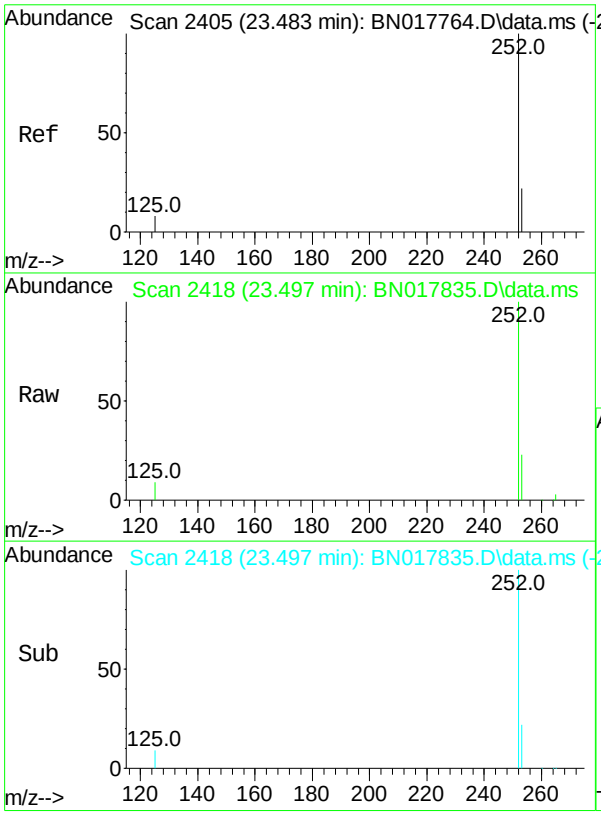


#38
Benzo(k)fluoranthene
Concen: 0.39 ng
RT: 22.945 min Scan# 2257
Delta R.T. 0.013 min
Lab File: BN017835.D
Acq: 09 Dec 2021 14:25

Tgt Ion:252 Resp: 68430

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	7.6	6.2	9.2



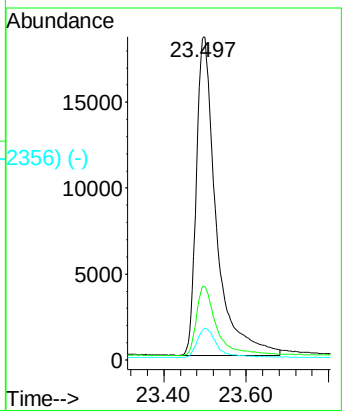


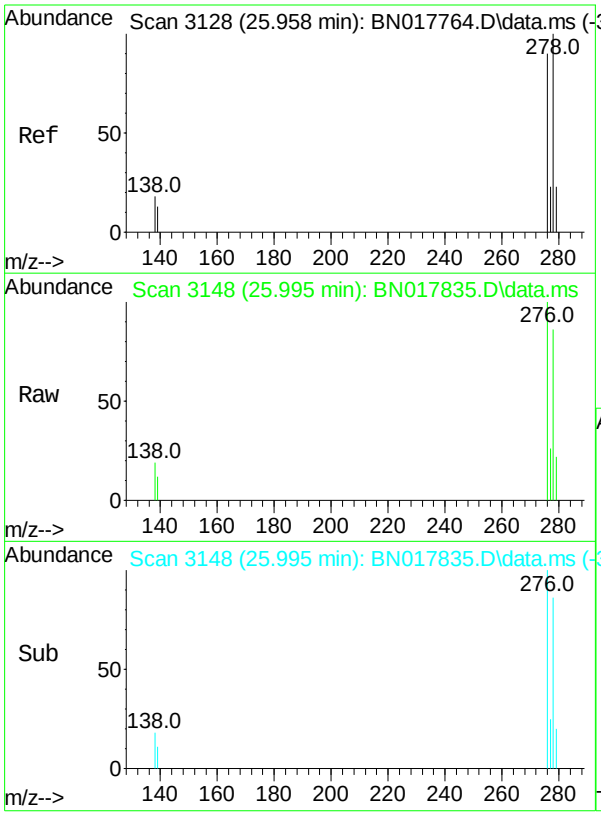
#39
Benzo(a)pyrene
Concen: 0.37 ng
RT: 23.497 min Scan# 2
Delta R.T. 0.013 min
Lab File: BN017835.D
Acq: 09 Dec 2021 14:25

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 62037

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	9.4	7.0	10.4

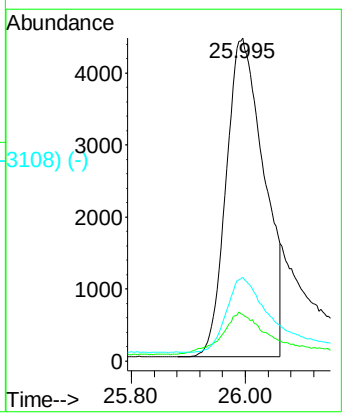


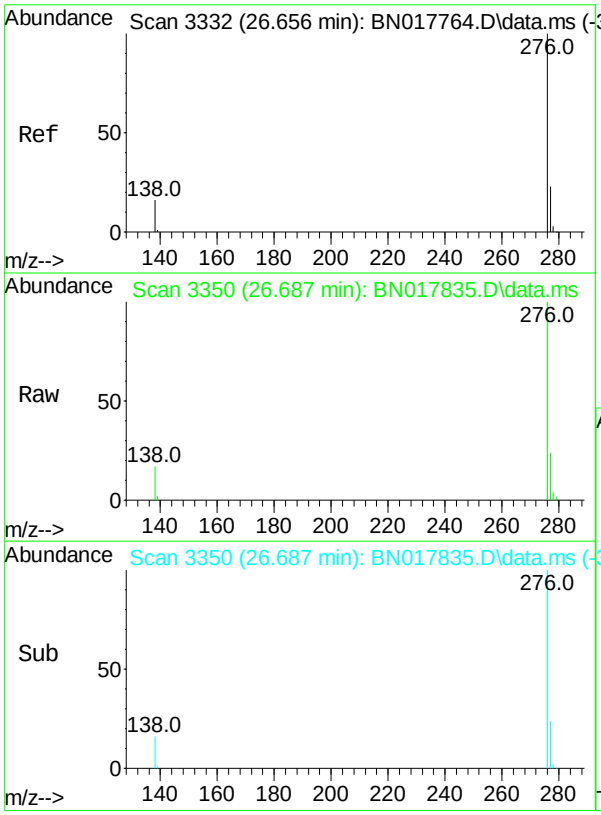


#40
Dibenzo(a,h)anthracene
Concen: 0.17 ng
RT: 25.995 min Scan# 3148
Delta R.T. 0.037 min
Lab File: BN017835.D
Acq: 09 Dec 2021 14:25

Tgt Ion:278 Resp: 20309

Ion	Ratio	Lower	Upper
278	100		
139	14.4	10.8	16.2
279	25.9	19.1	28.7





#41
Benzo(g,h,i)perylene
Concen: 0.28 ng
RT: 26.687 min Scan# 1
Delta R.T. 0.030 min
Lab File: BN017835.D
Acq: 09 Dec 2021 14:25

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 35387

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.1	28.7
138	16.8	13.2	19.8